

8/11/2022 9:23:38 AM  
TEMPLATE VERSION: 3.4



# MAGNOLIA OAKS

7240 & 7338 MASSACHUSETTS AVE  
NEW PORT RICHEY, FL 34653

77 UNITS - HUD PROJECT #: 067-35592

| HUD PROJECT NO. 067 - 35592 |        |       |                                |        |       |                 |        |       |
|-----------------------------|--------|-------|--------------------------------|--------|-------|-----------------|--------|-------|
| GOODWYN MILLS CAWOOD        |        |       | PASCO COUNTY HOUSING AUTHORITY |        |       | ADROC CAPITAL   |        |       |
| ARCHITECT                   |        |       | OWNER                          |        |       | LEASING COMPANY |        |       |
| BY:                         |        |       | BY:                            |        |       | BY:             |        |       |
| SIGNATURE:                  | TITLE: | DATE: | SIGNATURE:                     | TITLE: | DATE: | SIGNATURE:      | TITLE: | DATE: |
| CONTRACTOR:                 |        |       | BONDING COMPANY                |        |       |                 |        |       |
| BY:                         |        |       | BY:                            |        |       |                 |        |       |
| SIGNATURE:                  | TITLE: | DATE: | SIGNATURE:                     | TITLE: | DATE: |                 |        |       |

| GENERAL CONTRACTOR | CIVIL ENGINEER      | GEOTECH  | COST ESTIMATOR  | MECHANICAL, ELECTRICAL, PLUMBING & FIRE PROTECTION ENGINEER   | ASSOCIATE ARCHITECT   | ARCHITECT   |
|--------------------|---------------------|--|---|---|---|---|
| TBD                | NOT IN CONTRACT     | TIERRA, INC.<br>7351 TEMPLE TERRACE HIGHWAY<br>TAMPA, FLORIDA 33637<br>813.989.1355<br>KEVIN SCOTT – SENIOR GEOTECHNICAL ENGINEER                            | DIAZ FRITZ GROUP<br>13075 TELECOM PARKWAY N.<br>TEMPLE TERRACE, FL 33619<br>813.254.0072<br>CHRIS HOARD – LEAD PRINCIPAL<br><a href="mailto:CHOARD@DIAZFRITZ.COM">CHOARD@DIAZFRITZ.COM</a>                                | EMERALD ENGINEERING<br>9942 CURRIE DAVIS DR STE H<br>TAMPA, FL 33619<br>813.995.0300<br>MIKE COSTELLO, PE – MECHANICAL/PLUMBING ENGINEER<br><a href="mailto:M.COSTELLO@EMERALDMEP.COM">M.COSTELLO@EMERALDMEP.COM</a><br>ADAM POWELL, PE – ELECTRICAL ENGINEER<br><a href="mailto:A.POWELL@EMERALDMEP.COM">A.POWELL@EMERALDMEP.COM</a> | JEREL MCCANTS ARCHITECTS<br>1210 EAST COLUMBUS DRIVE<br>TAMPA, FL 33605<br>813.812.9120<br>JEREL MCCANTS, AIA – ASSOCIATE ARCHITECT (FHA, ADA CONSULTANT)<br><a href="mailto:JEREL@JMCCANTS.COM">JEREL@JMCCANTS.COM</a> | GOODWYN MILLS CAWOOD<br>201 N. FRANKLIN STREET<br>SUITE 250<br>TAMPA FL 33602<br>813.678.2420<br>MICKEY JACOB, FAIA – PROJECT PRINCIPAL<br><a href="mailto:MICKEY.JACOB@GMCNETWORK.COM">MICKEY.JACOB@GMCNETWORK.COM</a>   |
| SURVEYOR           | LANDSCAPE ARCHITECT | RADON MITIGATION   | GOPHER TORTOISE CONSULTANT  | SPECIFICATIONS  | STRUCTURAL ENGINEER   | OWNER   |
| NOT IN CONTRACT    | NOT IN CONTRACT     | DPW RADON/ VOC<br>6341 SOLONA CIR N<br>FORT WORTH, TEXAS 76117<br>817.759.2808<br>RALPH MADORE<br><a href="mailto:RALPH@DFWRADON.COM">RALPH@DFWRADON.COM</a> | E5A<br>5404 CYPRESS CENTER DRIVE,<br>SUITE 125<br>TAMPA, FL 33609<br>813.968.6838<br>DOUGLAS SKURSKI, MW, PWS – SOUTHEAST BIOLOGICAL RESOURCES DIRECTOR<br><a href="mailto:DSKURSKI@E5AS5OC.COM">DSKURSKI@E5AS5OC.COM</a> | RYAN SPECPRO<br>4810 COUNTRY HILLS DRIVE<br>TAMPA, FL 33624<br>813.968.6838<br>STEVE RYAN, AIA – SPECIFICATIONS CONSULTANT<br><a href="mailto:RYANSPECPRO@GMAIL.COM">RYANSPECPRO@GMAIL.COM</a>  | STRUCTURES ONE<br>17701 BOY SCOUT ROAD<br>ODESSA, FL 33556<br>813.549.5128<br>DAN ENGEBRETSON, PE – STRUCTURAL ENGINEER<br><a href="mailto:DENGEBRETSON@STRUCTURESONE.NET">DENGEBRETSON@STRUCTURESONE.NET</a>           | PASCO COUNTY HOUSING AUTHORITY<br>13931 7TH STREET<br>DADE CITY, FLORIDA 33525<br>352.567.0848<br>TERRI STAUBS – EXECUTIVE DIRECTOR<br><a href="mailto:TSTAUBS@PASCOCOUNTYHOUSING.ORG">TSTAUBS@PASCOCOUNTYHOUSING.ORG</a> |

## GOVERNING CODES:

- 2020 (7TH EDITION) FLORIDA BUILDING CODE - BUILDING
- 2020 (7TH EDITION) FLORIDA BUILDING CODE - MECHANICAL
- 2020 (7TH EDITION) FLORIDA BUILDING CODE - PLUMBING
- 2020 (7TH EDITION) FLORIDA BUILDING CODE - ACCESSIBILITY
- 2020 (7TH EDITION) FLORIDA BUILDING CODE - ENERGY CONSERVATION
- 2020 (7TH EDITION) FLORIDA FIRE PREVENTION CODE
- 2017 NATIONAL ELECTRICAL CODE
- 2020 NFPA 101
- 2020 NFPA 1
- RADON PASSIVE MITIGATION CODE: ANSI/AARST CC-1000 2018
- HOUSING AND URBAN DEVELOPMENT (HUD)
- FAIR HOUSING ACT (FHA)
- FHA GUIDELINES AND DESIGN MANUAL (FHADM)
- UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS)
- 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
- PASCO COUNTY LAND DEVELOPMENT CODE

NOTE: ALL PLANS TO BE CODE COMPLIANT

### OCCUPANCY:

PRIMARY : RESIDENTIAL - R-2 (DWELLING UNIT BLDGS) BUSINESS - B (CLUBHOUSE BLDG.)  
ACCESSORY : ASSEMBLY A-2; A-3 (CLUBHOUSE BLDG.)

### CONSTRUCTION TYPE:

R-2: TYPE VB - FULLY SPRINKLERED \_ B: TYPE V-B FULLY SPRINKLERED

### MULTIFAMILY RESIDENTIAL OCCUPANCY SPRINKLER SYSTEM:

REQUIRED: NFPA 13R - ALL APARTMENTS, PATIOS AND CORRIDORS  
NFPA 13 - CLUBHOUSE

ALL OCCUPANCIES TO HAVE AUTOMATIC FIRE ALARM AND OCCUPANCY NOTIFICATIONS

RADON ZONE: 3

SEISMIC SITE CLASS: TYPE C/D (REFER TO STRUCTURAL)

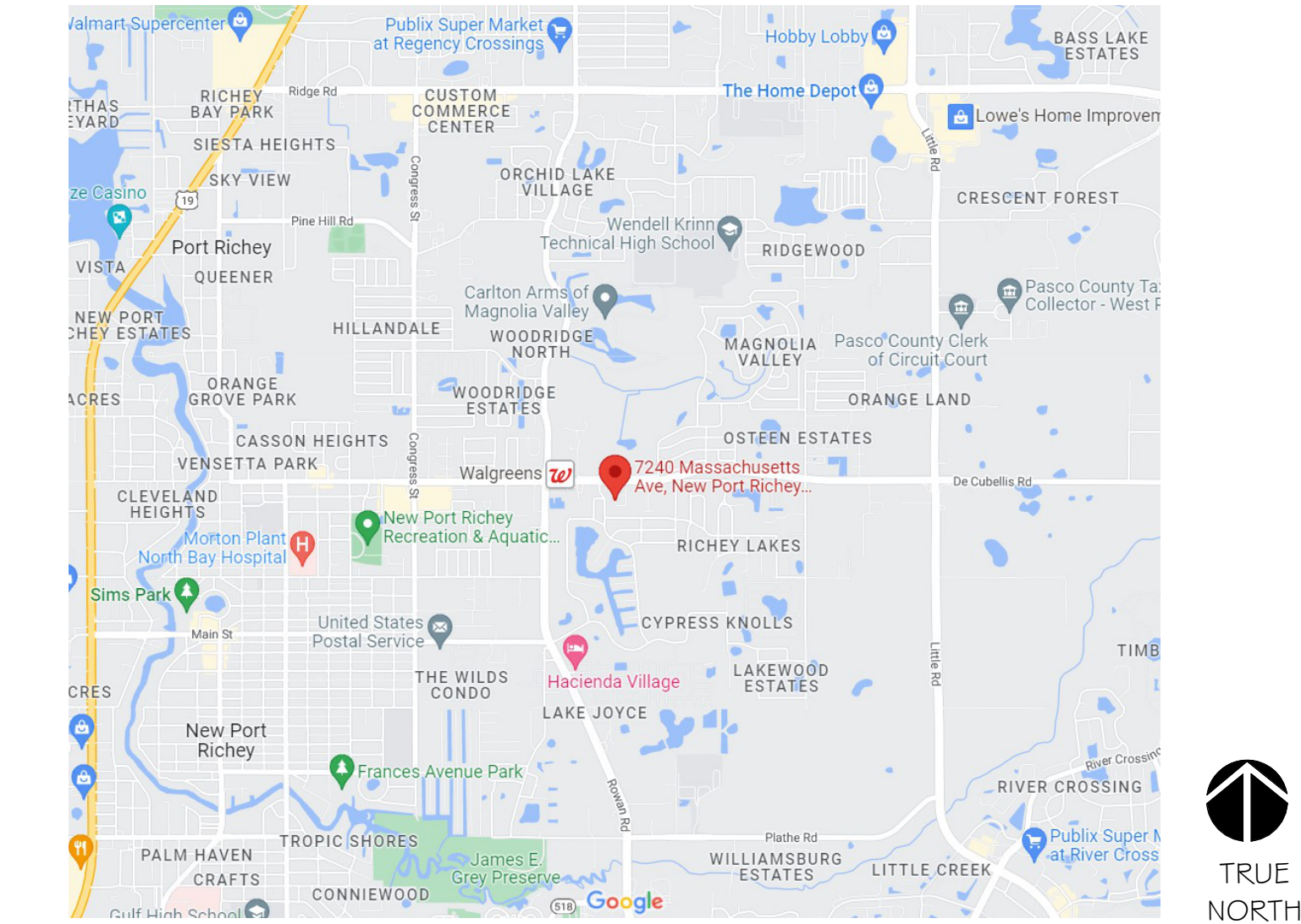
SEISMIC DESIGN CATEGORY: A (REFER TO STRUCTURAL)

\* REFER TO ARCHITECTURAL SITE PLAN FOR PARKING CALCULATIONS

## DEFERRED SUBMITTAL LIST:

1. FIRE SPRINKLER SHOP DRAWINGS
2. PRE-MANUFACTURED TRUSS SHOP DRAWINGS
3. AQUATIC AMENITIES ARE CONTRACTOR DELEGATED DESIGN
4. IRRIGATION SHOP DRAWINGS

## VICINITY MAP



MAGNOLIA OAKS

7240 & 7338

MASSACHUSETTS AVE

NEW PORT RICHEY, FLORIDA

FRONT COVER

G0.00

ISSUE DATE  
100% CONSTRUCTION DOCS SET 06/28/2022

INTEREST REVIEW 07/27/2022

BID ISSUE 08/12/2022

DRAWN BY: GMC

CHECKED BY: GMC

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GMC



ABBREVIATIONS

|        |  |
|--------|--|
| ACC    | ACCESSIBLE                                 |
| ACI    | AMERICAN CONCRETE INSTITUTE                |
| ACT    | ACOUSTICAL CEILING TILE                    |
| ADD    | ADDENDUM                                   |
| AFF    | ABOVE FINISH FLOOR                         |
| ALT    | ALTERNATE                                  |
| ALUM   | ALUMINUM                                   |
| APPROX | APPROXIMATE                                |
| ARCH   | ARCHITECT (URAL)                           |
| ADJ    | ADJACENT                                   |
|        |  |
| B/B    | BACK-TO-BACK                               |
| BC     | BASE OF CURB                               |
| BD     | BOARD                                      |
| BLDG   | BUILDING                                   |
| BLKG   | BLOCKING                                   |
| BM     | BENCHMARK                                  |
| BOT    | BOTTOM                                     |
| BRG    | BEARING                                    |
| BSMT   | BASEMENT                                   |
| BUR    | BUILT-UP ROOF                              |
| BOW    | BOTTOM OF WALL                             |
| BW     | BETWEEN                                    |
|        |  |
| CAB    | CABINET                                    |
| CB     | CATCH BASIN                                |
| QC     | CENTER TO CENTER                           |
| CD     | CORE DECK                                  |
| CF     | CUBIC FOOT                                 |
| CFCI   | CONTRACTOR FURNISHED, CONTRACTOR INSTALLED |
| CI     | CAST IRON                                  |
| CIP    | CAST IRON PIPE                             |
| CJ     | CONSTRUCTION OR CONTROL JOINT              |
| CLG    | CEILING                                    |
| CLO    | CLOSET                                     |
| CLR    | CLEAR (ANCE)                               |
| CMP    | CORRUGATED METAL PIPE                      |
| CMU    | CONCRETE MASONRY UNIT                      |
| CO     | CLEAN OUT                                  |
| COL    | COLUMN                                     |
| CONC   | CONCRETE                                   |
| CONN   | CONNECTION                                 |
| CONST  | CONSTRUCTION                               |
| CONT   | CONTINUOUS OR CONTINUE                     |
| COORD  | COORDINATE                                 |
| CPT    | CARPET (ED)                                |
| CSMU   | CALCIUM SILICATE MASONRY UNIT              |
| CT     | CERAMIC TILE                               |
| CW     | CURTAIN WALL                               |
|        |  |
| D      | DRYER                                      |
| DBL    | DOUBLE                                     |
| DEM    | DEMOLISH OR DEMOLITION                     |
| DET    | DETAIL                                     |
| DH     | DOUBLE HUNG                                |
| DIA    | DIAMETER                                   |
| DIAG   | DIAGONAL                                   |
| DIM    | DIMENSION                                  |
| DL     | DEAD LOAD                                  |
| DS     | DOWNSPOUT                                  |
| DWG    | DRAWING                                    |
| DF     | DRINKING FOUNTAIN                          |

|       |  |
|-------|--|
| EA    | EACH                                     |
| EF    | EACH FACE                                |
| EIF5  | EXTERIOR INSULATION FINISH SYSTEM        |
| EJ    | EXPANSION JOINT                          |
| ELEV  | ELEVATION / ELEVATOR                     |
| ELEC  | ELECTRIC (ALL)                           |
| ENGR  | ENGINEER                                 |
| EOP   | EDGE OF PAVEMENT                         |
| EOS   | EDGE OF SLAB                             |
| EQ    | EQUAL                                    |
| EW    | EACH WAY                                 |
| EWC   | ELECTRIC WATER COOLER                    |
| EXH   | EXHAUST                                  |
| EXIST | EXISTING                                 |
| EXP   | EXPOSED                                  |
| EXPN  | EXPANSION                                |
| EXT   | EXTERIOR                                 |
|       |  |
| FD    | FLOOR DRAIN                              |
| FEC   | FIRE EXTINGUISHER # CABINET              |
| FFE   | FINISH FLOOR ELEVATION                   |
| FFW   | MECHANICAL                               |
| FHC   | FIRE HOSE # CABINET                      |
| FFI   | FACE TO FACE                             |
| FL    | FLOOR                                    |
| FLG   | FLANGE                                   |
| FND   | FOUNDATION                               |
|       |  |
| FO    | FACE OF                                  |
| FOB   | NUMBER                                   |
| FOC   | FACE OF CONCRETE                         |
| FOF   | FACE OF FINISH                           |
| FOM   | FACE OF MASONRY                          |
| FOS   | FACE OF STUD                             |
| FR    | FRAME (ED), (ING)                        |
| FRT   | FIRE RETARDANT TREATED                   |
| FT    | FOOT/FEET                                |
| FTG   | FOOTING                                  |
|       |  |
| GA    | GAUGE                                    |
| GALV  | GALVANIZED                               |
| GB    | GRAB BAR                                 |
| GHM   | GALVANIZED HOLLOW METAL                  |
| GI    | GALVANIZED IRON                          |
| GWB   | GYPNUM WALL BOARD                        |
| GYP   | GYPNUM                                   |
|       |  |
| H     | HEIGHT                                   |
| HC    | HANDICAP                                 |
| HM    | HOLLOW METAL                             |
| HOD   | HIGHEST OPERABLE DEVICE                  |
| HORIZ | HORIZONTAL                               |
| HP    | HIGH POINT/HORSE POWER                   |
| HSS   | HOLLOW STRUCTURAL STEEL                  |
| HT    | HEIGHT                                   |
| HVAC  | HEATING / VENTILATION / AIR CONDITIONING |
|       |  |
| HW    | HARDWARE                                 |
|       |  |
| ID    | INSIDE DIAMETER                          |
| IE    | INVERT ELEVATION                         |
| IJ    | ISOLATION JOINT                          |
| IN    | INCH / INCHES                            |
| INSUL | INSULATION                               |
|       |  |
| JAN   | JANITOR'S CLOSET                         |
| JG    | JOIST GIRDER                             |
| JT    | JOINT                                    |

|          |  |
|----------|--|
| K        | THOUSAND                                     |
| KIP      | 1000 #                                       |
| KJ       | KEY JOINT                                    |
| KSI      | 1000 # PER SQ IN                             |
|          |  |
| LAM      | LAMINATE (D)                                 |
| LF       | LINEAR FOOT                                  |
| L        | LENGTH, ANGLE                                |
| LAB      | LABORATORY                                   |
| LAV      | LAVATORY                                     |
| LH       | LEFT HAND                                    |
| LL       | LIVE LOAD                                    |
| LLH      | LONG LEG HORIZONTAL                          |
| LLV      | LONG LEG VERTICAL                            |
| LP       | LOW POINT                                    |
| LT GA    | LIGHT GAUGE                                  |
| LT       | LIGHT  |
|          |  |
| MATL     | MATERIAL                                     |
| MAX      | MAXIMUM                                      |
| MC       | MISCELLANEOUS CHANNEL                        |
| MECH     | MECHANICAL                                   |
| MEZZ     | MEZZANINE                                    |
| MANUF    | MANUFACTURE (R)                              |
| MAN      | MANHOLE                                      |
| MIN      | MINIMUM                                      |
| MO       | MASONRY OPENING                              |
| MULL     | MULLION                                      |
|          |  |
| NIC      | NOT IN CONTRACT                              |
| NO       | NUMBER                                       |
| NOM      | NOMINAL                                      |
| NTS      | NOT TO SCALE                                 |
|          |  |
| O/H      | OVERHEAD                                     |
| OC       | ON CENTER (S)                                |
| OCC      | OCCUPANT (S)                                 |
| OD       | OUTSIDE DIAMETER                             |
| OFCL     | OWNER FURNISHED, CONTRACTOR INSTALLED        |
|          |  |
| OH       | OPPOSITE HAND                                |
| OPG      | OPENING                                      |
| OPP      | OPPOSITE                                     |
|          |  |
| PJ       | PRECAST JOINT                                |
| PL       | PROPERTY LINE, PLATE                         |
| PLAM     | PLASTIC LAMINATE                             |
| PNT      | PAINT (ED)                                   |
| PREFAB   | PREFABRICATED                                |
| PREFIN   | PREFINISHED                                  |
| PREMANUF | PREMANUFACTURED                              |
| PSF      | POUNDS PER SQUARE FOOT                       |
| PSI      | POUNDS PER SQUARE INCH                       |
| PT       | POINT / PRESSURE TREATED / POINT OF TANGENCY |
|          |  |
| PVC      | POLYVINYL CHLORIDE                           |
| PVMT     | PAVEMENT                                     |
| PWD      | PLYWOOD                                      |
|          |  |
| QT       | QUARRY TILE                                  |
|          |  |
| RA       | RETURN AIR                                   |
| RAD      | RADIUS                                       |
| RB       | RUBBER BASE                                  |
| RCP      | REFLECTED CEILING PLAN                       |
| RD       | ROOF DRAIN                                   |
| REBAR    | REINFORCEMENT BAR                            |
| REF      | REFRIGERATOR / REFERENCE                     |
| REINF    | REINFORCE (D), (ING)                         |

|        |                              |
|--------|------------------------------|
| REQD   | REQUIRED                     |
| RET    | RETAINING                    |
| REV    | REVISION (S), REVISED        |
| RH     | RIGHT HAND                   |
| RJ     | RECESSED JOINT               |
| RM     | ROOM                         |
| RO     | ROUGH OPENING                |
| ROW    | RIGHT OF WAY                 |
| RTU    | ROOF TOP UNIT                |
|        |                              |
| SC     | SEALED CONCRETE              |
| SCHED  | SCHEDULED                    |
| SD     | STORM DRAIN                  |
| SECT   | SECTION                      |
| SF     | STOREFRONT                   |
| SIM    | SIMILAR                      |
| SPEC   | SPECIFICATION (S)            |
| SQ     | SQUARE                       |
| SS     | SOLID SURFACE                |
| SST    | STAINLESS STEEL              |
| STD    | STANDARD                     |
| STL    | STEEL                        |
| STOR   | STORAGE                      |
| STRUCT | STRUCTURAL                   |
| SY     | SQUARE YARD                  |
|        |                              |
| TELE   | TELEPHONE                    |
| TERM   | TERMINATION                  |
| T&G    | TONGUE AND GROOVE            |
| TH     | THICK (NESS)                 |
| THK    | THICK (NESS)                 |
| TO     | TOP OF                       |
| TOC    | TOP OF CURB                  |
| TOGB   | TOP OF GRAB BAR              |
| TOF    | TOP OF FOOTING               |
| TOJ    | TOP OF JOIST                 |
| TOS    | TOP OF SLAB / TOP OF STEEL   |
| TOW    | TOP OF WALL                  |
| TYP    | TYPICAL                      |
| TZ     | TERRAZZO                     |
|        |                              |
| UNO    | UNLESS NOTED OTHERWISE       |
|        |                              |
| VB     | VINYL BASE                   |
| VCT    | VINYL COMPOSITION TILE       |
| VERT   | VERTICAL                     |
| VWC    | VINYL WALL COVERING          |
|        |                              |
| W      | WASHER / WIDTH / WIDE FLANGE |
| WB     | WOOD BASE                    |
| WC     | WATER CLOSET                 |
| WD     | WOOD                         |
| WH     | WATER HEATER                 |
| WIN    | WINDOW                       |
| WP     | WORK POINT / WATERPROOFING   |
| WT     | WEIGHT                       |
| WW     | WALL TO WALL                 |
| WWF    | WELDED WIRE FABRIC           |
| W      | WITH                         |
| WD     | WITHOUT                      |
| WRB    | WEATHER RESISTANCE BARRIER   |

ANNOTATION SYMBOLS

|                  |  |
|------------------|--|
| ROOM NAME<br>101 | ROOM REFERENCE SYMBOL  |
| ②                | COLUMN LINES:<br>CONSECUTIVE NUMBERS ARE USED FOR<br>COLUMN LINES RUNNING NORTH &<br>SOUTH |
| ⊕ (A)            | CONSECUTIVE LETTERS ARE USED FOR<br>COLUMN LINES RUNNING EAST & WEST                       |
| ②                | FACE OF MASONRY OR FACE<br>OF GIRDER   |
| 677.52           | ELEVATION MARK SYMBOL:<br>677.52 - ELEVATION (FT)  |
| A1.01            | EXTERIOR ELEVATION SYMBOL:<br>ELEVATION 1 ON SHEET A1.01                                   |
| A1.01            | INTERIOR ELEVATION SYMBOL:<br>INTERIOR ELEVATION 3<br>ON SHEET A1.01                       |

|       |   |
|-------|---|
| FF&E: | REVISION SYMBOL:<br>USED TO INDICATE SCOPE OF CURRENT<br>REVISION                   |
| 101   | DOOR SYMBOL:<br>DOOR NUMBER 101   |
| (A)   | DOOR TYPE A<br>(SEE DOOR SCHEDULE AND<br>FLOOR PLANS)                               |
| (W)   | WINDOW SYMBOL:<br>WINDOW TYPE A<br>(SEE EXTERIOR ELEVATIONS<br>AND WINDOW SCHEDULE) |
| (L)   | LOUVER SYMBOL:<br>LOUVER TYPE L1<br>(SEE LOUVER SCHEDULE)                           |
| OG    | WALL SYMBOL:<br>WALL TYPE OG<br>(SEE PARTITION LEGEND)                              |

|       |   |
|-------|---|
| TAO   | SPECIALTY EQUIPMENT TAG:<br>SEE SPECIALTY EQUIPMENT SCHEDULE    |
| A     | PLAN KEYNOTE TAG:<br>NOTE NUMBER A<br>SEE PLAN KEYNOTE SCHEDULE |
| A1.01 | BUILDING SECTION SYMBOL:<br>SECTION 1 ON SHEET A1.01            |
| A1.01 | WALL SECTION SYMBOL:<br>SECTION 1 ON SHEET A1.01                |
| A1.01 | ENLARGED DETAIL SYMBOL:<br>DETAIL 1 ON SHEET A1.01              |

|            |                           |            |                   |              |
|------------|---------------------------|------------|-------------------|--------------|
| HEIGHT #   | DEPTH #                   | WIDTH #    | CDS#              | CASEWORK TAG |
| PLAN NORTH | ARCHITECTURAL ORIENTATION | TRUE NORTH | CIVIL ORIENTATION |              |

INDEX OF DRAWINGS

| SHEET NUMBER | SHEET NAME                                   | ISSUE DATE | REVISION DATE |
|--------------|--|------------|---------------|
| 0.0 GENERAL  |  |            |               |
| G0.00        | FRONT COVER                                  | 06/28/2022 | 08/12/2022    |
| G1.01        | INDEX OF DRAWINGS                            | 06/28/2022 | 08/12/2022    |
| G1.01A       | PROJECT DATA                                 | 06/28/2022 | 08/12/2022    |
| G1.02        | GENERAL NOTES - CSI FORMAT                   | 06/28/2022 | 07/27/2022    |
| G1.13        | FAIR HOUSING ACCESSIBLE UNIT TYPES & DETAILS | 06/28/2022 | 07/27/2022    |
| G1.14        | FAIR HOUSING TYPICAL CLEARANCES              | 06/28/2022 | 07/27/2022    |
| G1.15        | FAIR HOUSING TYPICAL MOUNTING HEIGHTS        | 06/28/2022 | 07/27/2022    |
| G1.21        | PARTITION TYPES - INTERIOR                   | 06/28/2022 | 07/27/2022    |
| G1.22        | UL LISTINGS - V497 & U905                    | 06/28/2022 | 07/27/2022    |
| G1.31        | FIRESTOPPING - THRU-PENETRATION SYSTEMS      | 06/28/2022 | 07/27/2022    |
| G1.32        | WINDOW FLASHING DETAILS                      | 06/28/2022 | 07/27/2022    |
| G2.01        | LIFE SAFETY - CODE STUDY                     | 06/28/2022 | 07/27/2022    |
| G2.02        | LIFE SAFETY PLAN                             | 06/28/2022 | 07/27/2022    |
| G3.01        | ARCHITECTURAL SITE PLAN                      | 06/28/2022 | 07/27/2022    |
| G3.02        | ACCESSIBILITY SITE PLAN                      | 06/28/2022 | 07/27/2022    |
| G3.03        | SITE DETAILS                                 | 06/28/2022 | 07/27/2022    |

|           |       |   |            |  |
|-----------|-------|---|------------|--|
| 1.0 CIVIL | *NOTE | REFER TO ATTACHED APPROVED CIVIL DRAWINGS UNDER PUD_SDU06-074<br>*FOR REFERENCE ONLY* | 06/28/2022 |  |
|-----------|-------|---|------------|--|

|               |        |   |            |  |
|---------------|--------|---|------------|--|
| 2.0 LANDSCAPE | **NOTE | REFER TO ATTACHED APPROVED LANDSCAPE DRAWINGS UNDER PUD_SDU06-074<br>*FOR REFERENCE ONLY* | 06/28/2022 |  |
|---------------|--------|---|------------|--|

|                  |   |            |            |  |
|------------------|---|------------|------------|--|
| 3.0 ARCHITECTURE |   |            |            |  |
| A1.01            | FLOOR PLAN - BLDG. I # I                | 06/28/2022 | 08/12/2022 |  |
| A1.02            | FLOOR PLAN - BLDG. III # IV             | 06/28/2022 | 08/12/2022 |  |
| A1.03            | DIMENSIONED PLAN - BLDG. I # I          | 06/28/2022 | 07/27/2022 |  |
| A1.04            | DIMENSIONED PLAN - BLDG. III # IV       | 06/28/2022 | 07/27/2022 |  |
| A1.05            | FLOOR # DIMENSIONED PLAN - CLUBHOUSE    | 06/28/2022 | 07/27/2022 |  |
| A1.11            | ENLARGED UNIT PLANS # PLAN DETAILS      | 06/28/2022 | 07/27/2022 |  |
| A1.12            | ENLARGED RCP UNIT PLANS                 | 06/28/2022 | 07/27/2022 |  |
| A2.01            | REFLECTED CEILING PLAN - BLDG. I # I    | 06/28/2022 | 08/12/2022 |  |
| A2.02            | REFLECTED CEILING PLAN - BLDG. III # IV | 06/28/2022 | 08/12/2022 |  |
| A2.03            | REFLECTED CEILING PLAN - CLUBHOUSE      | 06/28/2022 | 08/12/2022 |  |
| A3.01            | ROOF PLAN - BLDG. I # I                 | 06/28/2022 | 08/12/2022 |  |
| A3.02            | ROOF PLAN - BLDG. III # IV              | 06/28/2022 | 08/12/2022 |  |
| A3.03            | ROOF PLAN - CLUBHOUSE # DETAILS         | 06/28/2022 | 08/12/2022 |  |
| A4.01            | EXTERIOR ELEVATION - BLDG. "I"          | 06/28/2022 | 07/27/2022 |  |
| A4.02            | EXTERIOR ELEVATION - BLDG. "II"         | 06/28/2022 | 07/27/2022 |  |
| A4.03            | EXTERIOR ELEVATION - BLDG. "III"        | 06/28/2022 | 07/27/2022 |  |
| A4.04            | EXTERIOR ELEVATION - BLDG. "IV"         | 06/28/2022 | 07/27/2022 |  |
| A4.05            | EXTERIOR ELEVATION - CLUBHOUSE          | 06/28/2022 | 07/27/2022 |  |
| A5.01            | BUILDING SECTIONS - BLDG. TYPE "I"      | 06/28/2022 | 07/27/2022 |  |
| A5.02            | BUILDING SECTIONS - BLDG. TYPE "II"     | 06/28/2022 | 07/27/2022 |  |
| A5.03            | BUILDING SECTIONS - BLDG. TYPE "III"    | 06/28/2022 | 07/27/2022 |  |
| A5.04            | BUILDING SECTIONS - BLDG. TYPE "IV"     | 06/28/2022 | 07/27/2022 |  |
| A5.05            | BUILDING SECTIONS - CLUBHOUSE           | 06/28/2022 | 07/27/2022 |  |
| A5.11            | WALL SECTIONS                           | 06/28/2022 | 07/27/2022 |  |
| A5.12            | WALL SECTIONS                           | 06/28/2022 | 07/27/2022 |  |
| A5.13            | WALL SECTIONS                           | 06/28/2022 | 07/27/2022 |  |
| A5.14            | DETAILS                                 | 06/28/2022 | 07/27/2022 |  |
| A6.01            | DOOR SCHEDULE, LEGEND, & DETAILS        | 06/28/2022 | 07/27/2022 |  |
| A6.02            | DOOR DETAILS                            | 06/28/2022 | 07/27/2022 |  |
| A6.11            | WINDOW SCHEDULE & DETAILS               | 06/28/2022 | 07/27/2022 |  |
| A7.01            | INTERIOR ELEVATIONS                     | 06/28/2022 | 07/27/2022 |  |
| A7.02            | INTERIOR ELEVATIONS                     | 06/28/2022 | 07/27/2022 |  |
| A7.11            | MILLWORK DETAILS                        | 06/28/2022 | 07/27/2022 |  |
| A8.01            | FINISH LEGEND AND SCHEDULE              | 06/28/2022 | 07/27/2022 |  |
| A8.02            | UNIT FINISH PLANS                       | 06/28/2022 | 07/27/2022 |  |
| A8.03            | CLUBHOUSE FINISH PLAN                   | 06/28/2022 | 07/27/2022 |  |
| A9.01            | INTERIOR DETAILS                        | 06/28/2022 | 07/27/2022 |  |

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| 4.0 STRUCTURAL |                         |            |            |
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| S001           | GENERAL NOTES           | 06/28/2022 | 07/27/2022 |
| S111           | BUILDING I - LEVEL I    | 06/28/2022 | 07/27/2022 |
| S112           | BUILDING II - LEVEL I   | 06/28/2022 | 07/27/2022 |
| S113           | BUILDING III - LEVEL I  | 06/28/2022 | 07/27/2022 |
| S114           | BUILDING IV - LEVEL I   | 06/28/2022 | 07/27/2022 |
| S115           | CLUBHOUSE - LEVEL I     | 06/28/2022 | 07/27/2022 |
| S121           | BUILDING I - ROOF       | 06/28/2022 | 07/27/2022 |
| S122           | BUILDING II - ROOF      | 06/28/2022 | 07/27/2022 |
| S123           | BUILDING III - ROOF     | 06/28/2022 | 07/27/2022 |
| S124           | BUILDING IV - ROOF      | 06/28/2022 | 07/27/2022 |
| S125           | CLUBHOUSE - ROOF        | 06/28/2022 | 07/27/2022 |
| S400           | MASONRY TYPICAL DETAILS | 06/28/2022 | 07/27/2022 |
| S401           | FRAMING DETAILS         | 06/28/2022 | 07/27/2022 |
| S402           | FRAMING DETAILS         | 06/28/2022 | 07/27/2022 |
| S500           | SCHEDULES               | 06/28/2022 | 07/27/2022 |

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| 5.0 MECHANICAL |   |            |            |
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| M112           | HVAC PLAN - LEVEL I - TYPE "II" PRESSURE  | 06/28/2022 | 07/27/2022 |
| M113           | HVAC PLAN - LEVEL I - TYPE "III" PRESSURE | 06/28/2022 | 07/27/2022 |
| M114-A         | HVAC PLAN - LEVEL I - TYPE "IV" PRESSURE  | 06/28/2022 | 07/27/2022 |
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| M115           | HVAC PLAN - LEVEL I - CLUBHOUSE           | 06/28/2022 | 07/27/2022 |
| M501           | DETAILS                                   | 06/28/2022 | 07/27/2022 |
| M601           | SCHEDULES                                 | 06/28/2022 | 07/27/2022 |

|              |  |            |            |
|--------------|--|------------|------------|
| 6.0 PLUMBING |  |            |            |
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| P113         | PLUMBING PLAN - LEVEL I - TYPE "III" GRAVITY | 06/28/2022 | 07/27/2022 |
| P114-A       | PLUMBING PLAN - LEVEL I - TYPE "IV" GRAVITY  | 06/28/2022 | 07/27/2022 |
| P114-B       | PLUMBING PLAN - LEVEL I - TYPE "IV" GRAVITY  | 06/28/2022 | 07/27/2022 |
| P115         | PLUMBING PLAN - LEVEL I - CLUBHOUSE          | 06/28/2022 | 07/27/2022 |
| P211         | PLUMBING PLAN - LEVEL I - TYPE "I" GRAVITY   | 06/28/2022 | 07/27/2022 |
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| 6.5 FIRE PROTECTION |  |            |               |
| F000                | FIRE PROTECTION NOTES, LEGENDS AND ABBREVIATIONS | 06/28/2022 | 07/27/2022    |
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PROJECT DATA SHEET

PCHA MAGNOLIA OAKS

77      Units

7240 & 7338 Massachusetts Ave., New Port Richey, FL

July 27, 2022

| LIVING AREA UNIT (S.F.) CALCULATIONS |                         |         |            |         |                  |                 |                       |            |             |      | NO. OF UNITS | APT MIX | TOTAL LIVING AREA (S.F.) CALCULATIONS |                  |                 |                       |             |            |  |
|--------------------------------------|-------------------------|---------|------------|---------|------------------|-----------------|-----------------------|------------|-------------|------|--------------|---------|---------------------------------------|------------------|-----------------|-----------------------|-------------|------------|--|
| UNIT TYPE                            | UNIT MIX                |         | NET AREA   |         | BALCONY / PATIOS | BALCONY STORAGE | DIRECT ACCESS GARAGES | GROSS AREA |             |      |              |         | TOTAL NET                             |                  |                 |                       | TOTAL GROSS |            |  |
|                                      | DESCRIPTION             | HUD (1) | MARKET (3) | HUD (2) |                  |                 |                       | MARKET (4) | BALCONY (1) |      |              |         | MARKET (3)                            | BALCONY / PATIOS | BALCONY STORAGE | DIRECT ACCESS GARAGES | HUD (2)     | MARKET (4) |  |
| ONE BEDROOM                          | 1BR/1BATH/LIVING/DINING | 643     | 770        | 0       | 0                | 0               | 770                   | 770        | 34          | 44%  | 21,862       | 26,180  | 0                                     | 0                | 26,180          | 26,180                |             |            |  |
| TWO BEDROOM                          | 2BR/2BATH/LIVING        | 823     | 969        | 0       | 0                | 0               | 969                   | 969        | 33          | 43%  | 27,159       | 31,977  | 0                                     | 0                | 31,977          | 31,977                |             |            |  |
| THREE BEDROOM                        | 3BR/2BATH/LIVING        | 923     | 1,079      | 0       | 0                | 0               | 1,079                 | 1,079      | 10          | 13%  | 9,230        | 10,790  | 0                                     | 0                | 10,790          | 10,790                |             |            |  |
|                                      |                         | 0       | 0          | 0       | 0                | 0               | 0                     | 0          | 0           | 0%   | 0            | 0       | 0                                     | 0                | 0               | 0                     |             |            |  |
|                                      |                         |         |            |         |                  |                 |                       |            | 77          | 100% | 58,251       | 68,947  | -                                     | 0                | 68,947          | 68,947                |             |            |  |

| BUILDING ANALYSIS                           |                                |        |        |       |        |  |  |  |  |  | NUMBER OF UNITS |
|---|--------------------------------|--------|--------|-------|--------|--|--|--|--|--|-----------------|
| UNIT TYPE                                   | BUILDING TYPES                 | I      | II     | III   | IV     |  |  |  |  |  |                 |
|   | NUMBER OF STORY                | 1      | 1      | 1     | 1      |  |  |  |  |  |                 |
|   | QUANTITY PER BUILDING TYPE     | 8      | 6      | 1     | 2      |  |  |  |  |  |                 |
| ONE BEDROOM<br>TWO BEDROOM<br>THREE BEDROOM | 1BR/1BATH/LIVING/DINING        | 2      | 2      | 2     | 2      |  |  |  |  |  | 34              |
|   | 2BR/2BATH/LIVING               | 2      | 2      | 1     | 2      |  |  |  |  |  | 33              |
|   | 3BR/2BATH/LIVING               | 0      | 1      | 0     | 2      |  |  |  |  |  | 10              |
|   | TOTAL UNITS                    | 32     | 30     | 3     | 12     |  |  |  |  |  | 77              |
|   | BUILDING TYPES                 | I      | II     | III   | IV     |  |  |  |  |  | TOTAL           |
|   | QUANTITY PER BUILDING TYPE     | 8      | 6      | 1     | 2      |  |  |  |  |  | 17              |
|   | HUD GROSS SF TOTALS @ BUILDING | 3,476  | 4,557  | 2,509 | 5,636  |  |  |  |  |  |                 |
| HUD GROSS SF TOTALS FOR BUILDINGS           |                                | 27,808 | 27,342 | 2,509 | 11,272 |  |  |  |  |  | 68,931          |

|   |   |      |      |      |      |  |  |  |  |      |
|---|---|------|------|------|------|--|--|--|--|------|
| EXTERIOR FINISH MATERIALS                               | Percent of Asphalt Shingle Roof         | 42%  | 41%  | 41%  | 45%  |  |  |  |  | 42%  |
| NOTE: Indicate percentages of each siding material used | Percent of Stone                        | 16%  | 16%  | 16%  | 14%  |  |  |  |  | 16%  |
|   | Percent of Openings (Doors and Windows) | 10%  | 11%  | 10%  | 10%  |  |  |  |  | 10%  |
|   | Percent of Fiber Cement Siding          | 32%  | 32%  | 33%  | 31%  |  |  |  |  | 32%  |
|   | TOTAL                                   | 100% | 100% | 100% | 100% |  |  |  |  | 100% |

| SITE ANALYSIS                         |
|---------------------------------------|
| ACTUAL:                               |
| Gross Land Area:    8.71    ACRES     |
| Total Apartment Units: 77 Units       |
| Actual Density:    8.8 UNITS per ACRE |
| Elevators:    0 Elevators             |
| REQUIRED:                             |
| ZONING: RES-9                         |

HUD/Market Apartment Unit Definitions  
Net & Gross SF Area Calculations  
Apartments ONLY

(1) HUD NET AREA: Defined as "Paint-to-Paint".  
It is the living area of a unit measured to the inside face of perimeter drywall.

(2) HUD GROSS AREA: Defined by adding thickness (width) of unit perimeter stud walls, includes thickness of corridor walls and includes the area measured to the centerline of any party wall. HUD gross sf also includes the area of a direct access garage and Patio/Balcony Storage if provided for the unit

(3) MARKET NET AREA:  
Unit Area (S.F). Defined by adding thickness (width) of unit perimeter stud walls, includes thickness of corridor walls and includes the area measured to the centerline of any party walls

(4) MARKET GROSS AREA: Add area of attached balconies and exterior storage closets to Market Net area calculations.

For all the Common Area square footage please refer to BOMA or IREM or ANSI-Z765; the HUD and Market Square footages are for apartment units only.

| PARKING ANALYSIS (Please see NOTES for HC Parking Requirements) |          |            |       |
|---|----------|------------|-------|
| REQUIRED PARKING:   | 154      |            |       |
| ACTUAL SPACES:  | STANDARD | ACCESSIBLE | TOTAL |
| SURFACE   | 148      | 6          | 154   |
| VISITOR PARKING   | 8        | 2          | 10    |
| DIRECT ACCESS GARAGES   | 0        | 0          | 0     |
| ATTACHED GARAGES  | 0        | 0          | 0     |
| DETACHED GARAGES  | 0        | 0          | 0     |
| CARPORTS  | 0        | 0          | 0     |
| PARKING GARAGE  | 0        | 0          | 0     |
| Total   | 156      | 8          | 164   |

| OTHER BUILDINGS |        |           |          |
|-----------------|--------|-----------|----------|
|                 | NUMBER | S.F./each | TOTAL SF |
| CLUBHOUSE       | 1      | 1,737     | 1,737    |
| SUBTOTALS       |        |           | 1,737    |

| EXTERIOR SPACES        | NUMBER | S.F./each | TOTAL SF |
|------------------------|--------|-----------|----------|
| SWIMMING POOL AND DECK | 1      | 2,688     | 2,688    |
| RECREATIONAL AREA      | 1      | 2,337     | 2,337    |
| MAILBOX UNITS          | 2      | 10        | 20       |

| HUD S.F. ANALYSIS TOTALS     |  |        |
|------------------------------|--|--------|
| NET LIVING AREA :            |  | 58,251 |
| GROSS LIVING AREA:           |  | 68,947 |
| GROSS AREA plus Other Spaces |  | 70,684 |

| HUD GROSS FLOOR AREA (ref HUD 2264 - Page2 Section C33)<br>(See Note 5) |        |
|---|--------|
| GROSS LIVING AREA:  | 68,947 |
| Total HUD Gross Floor Area  | 68,947 |

(5) HUD GROSS FLOOR AREA: The sum of the areas of headroom height within the exterior walls, measured to the exterior faces of the walls or to the center line of walls separating attached buildings.  
**NOTE: Built-in garages, commercial area, basement and all other areas within the exterior walls are to be included.**  
Items excluded: recessed, extended or continuous balconies, attached or detached carports accessory buildings, patios, porches, or terraces and all other areas outside the exterior walls  
accessory buildings, patios, porches, or terraces and all other areas outside the exterior walls



201 North Franklin Street, Suite 250  
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GMCNETWORK.COM

| ISSUE                      | DATE       |
|----------------------------|------------|
| 100% CONSTRUCTION DOCS SET | 06/28/2022 |
| INTEREST REVIEW            | 07/27/2022 |
| BID ISSUE                  | 08/12/2022 |
|                            |            |
|                            |            |
|                            |            |
|                            |            |
| DRAWN BY: GMC              |            |
| CHECKED BY: GMC            |            |

MAGNOLIA OAKS  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

BID SET 8-12-2022

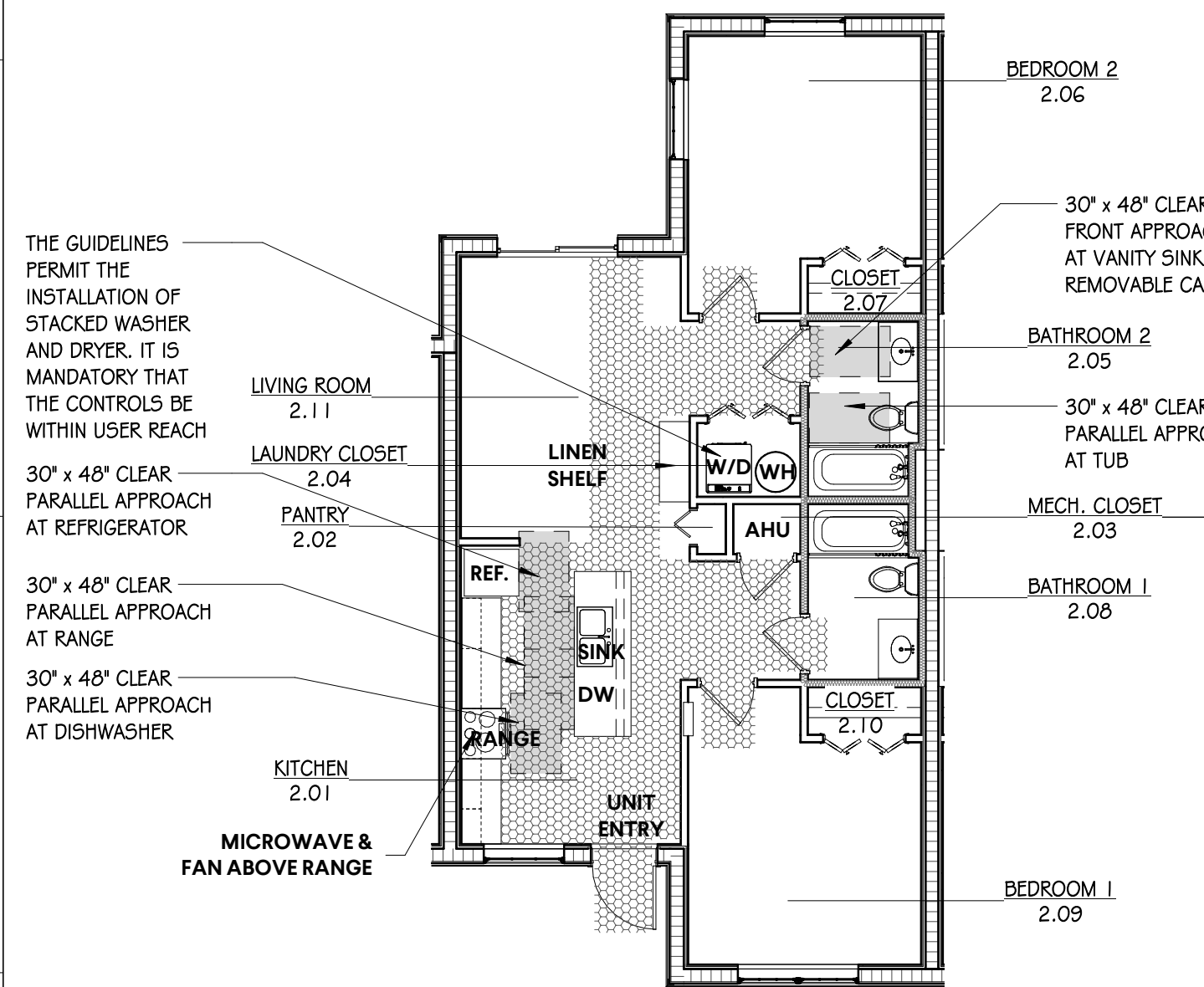
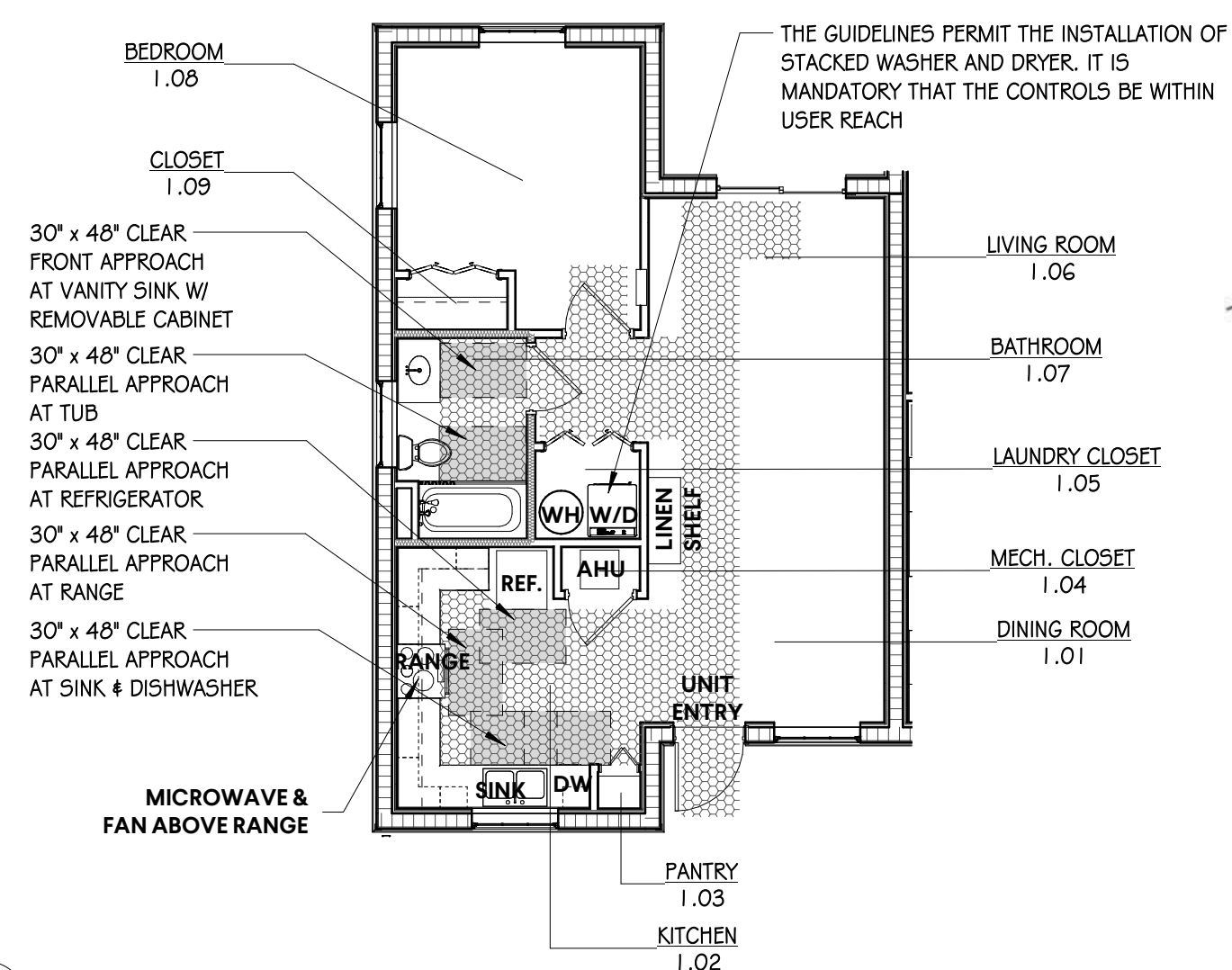
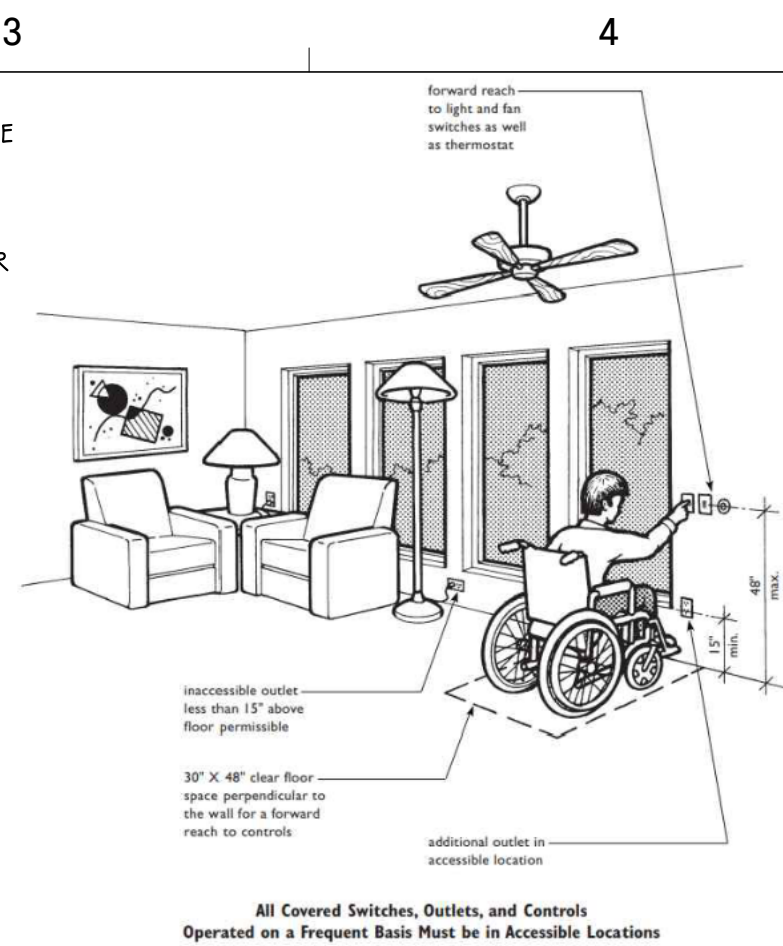
PROJECT DATA

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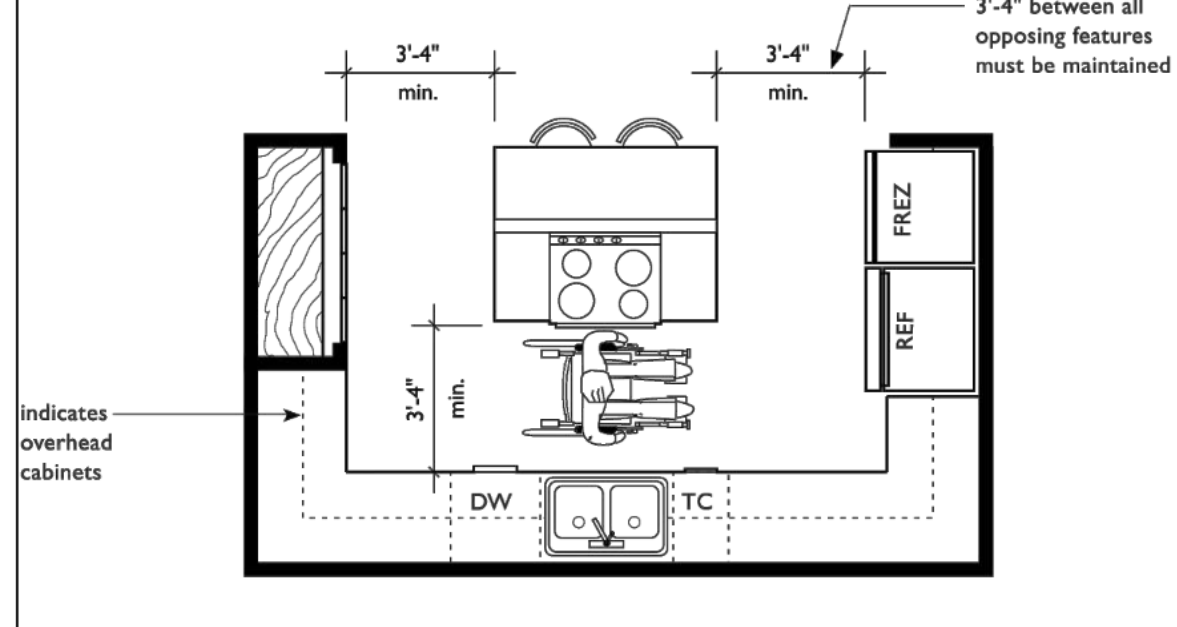


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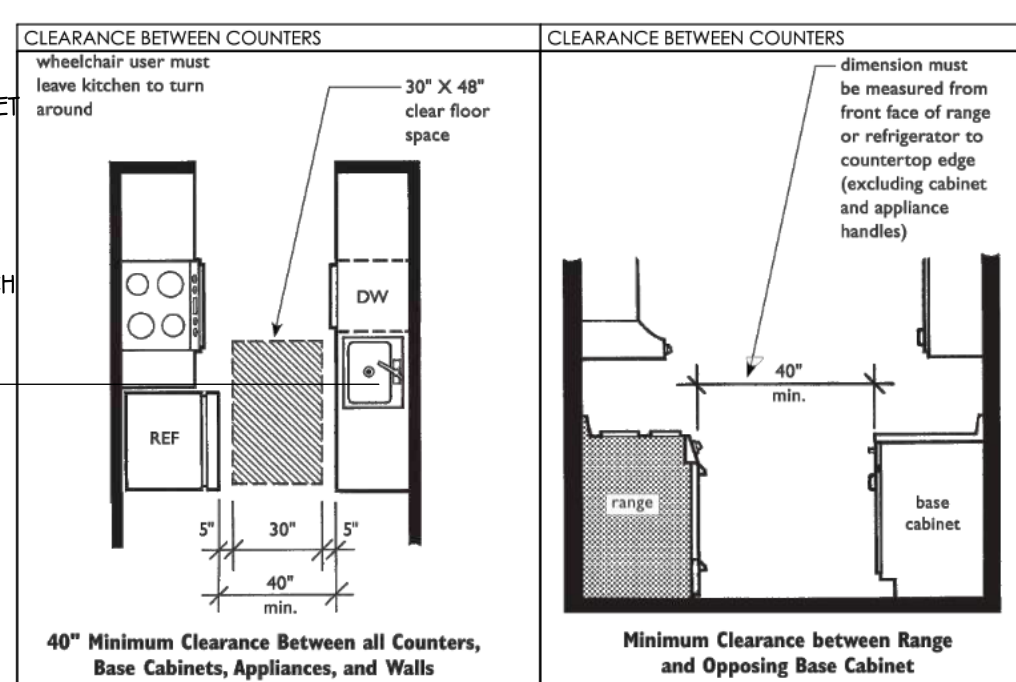


H  
G  
F  
E  
D  
C  
B  
A**F1 3BED ACCESSIBLE UNIT PLAN**  
SCALE: 1/8" = 1'-0" **FHA "U"-SHAPE USABLE KITCHEN**  
**FHA BATHROOM TYPE "A"****C1 2BED ACCESSIBLE UNIT PLAN**  
SCALE: 1/8" = 1'-0" **FHA "U"-SHAPE USABLE KITCHEN**  
**FHA BATHROOM TYPE "A"****A1 1BED ACCESSIBLE UNIT PLAN**  
SCALE: 1/8" = 1'-0" **FHA "U"-SHAPE USABLE KITCHEN**  
**FHA BATHROOM TYPE "A"****SWITCHES, OUTLETS & CONTROLS**

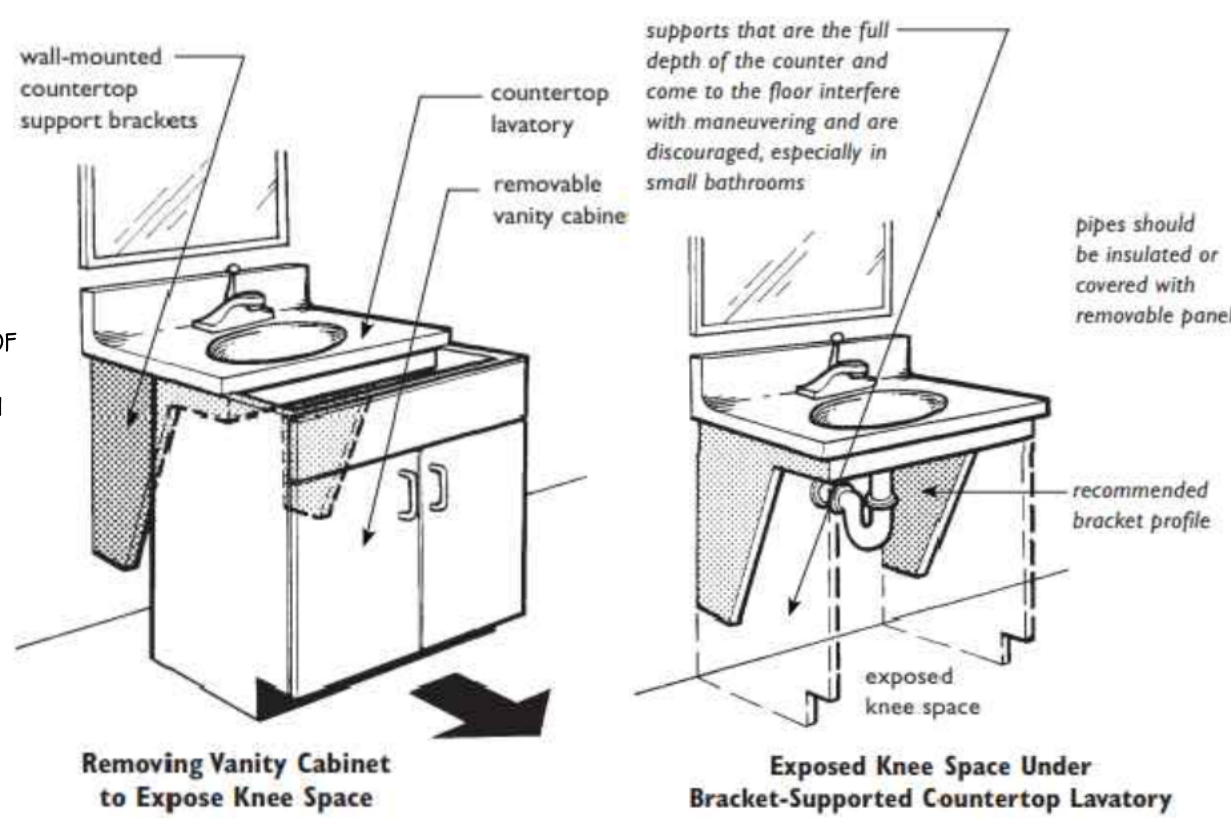
(REPRINTED FROM FHG)

**CLEARANCE AT U-SHAPED KITCHEN****FHA KITCHEN CLEARANCE REQ**

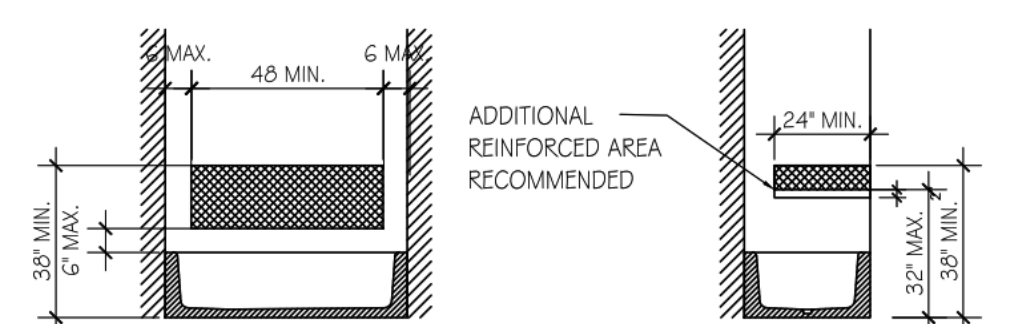
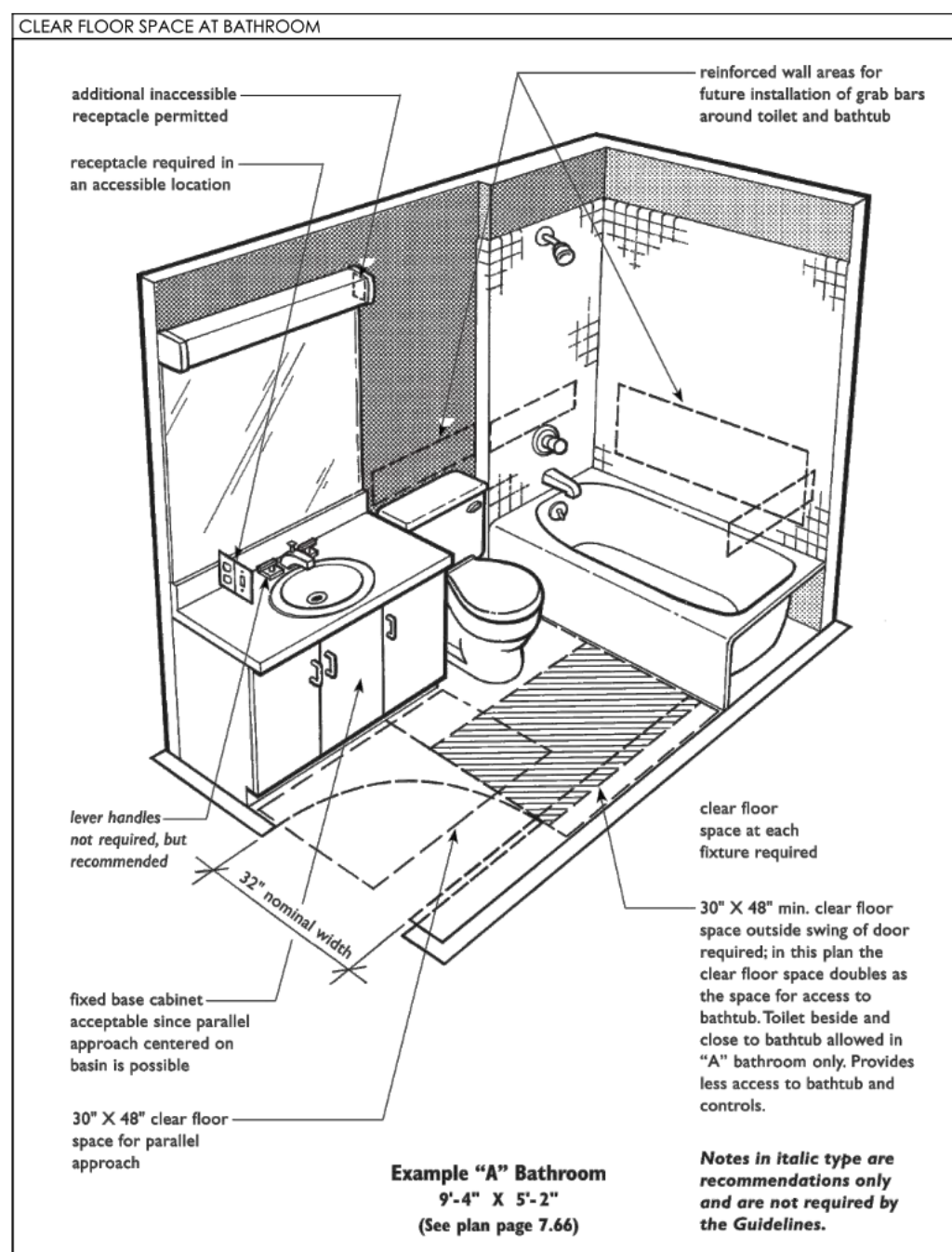
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**FHA KITCHEN CLEARANCE REQ**

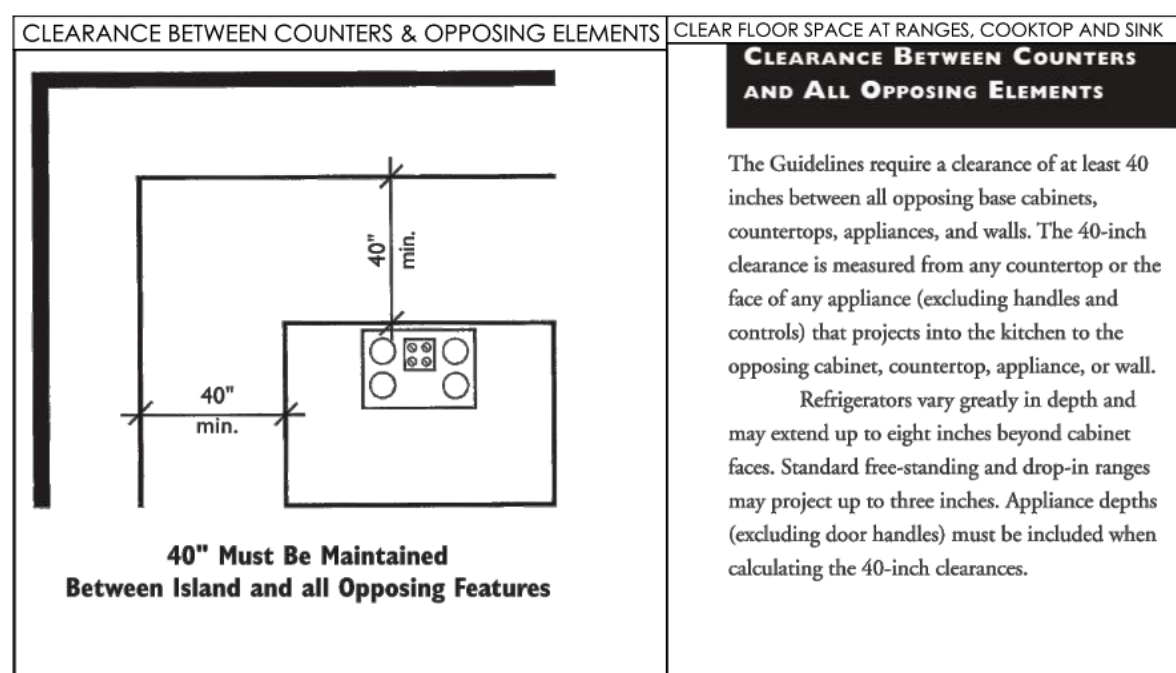
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**FHA BATHROOM - REMOVABLE CABINET**

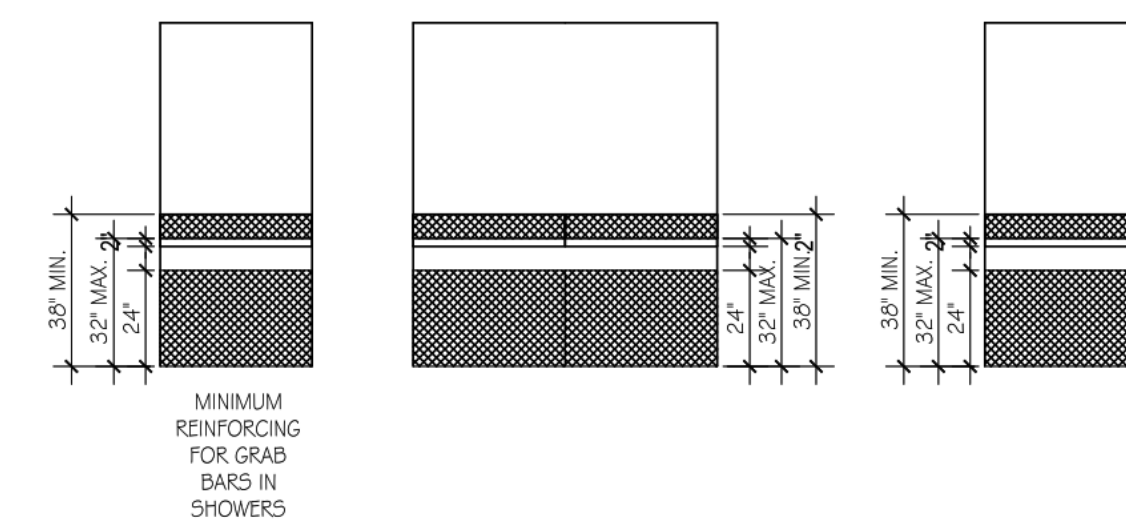
(REPRINTED FROM FHG)

**FHA TUB - BLOCKING REQ****FHA BATHROOM - CLEARANCE REQ**

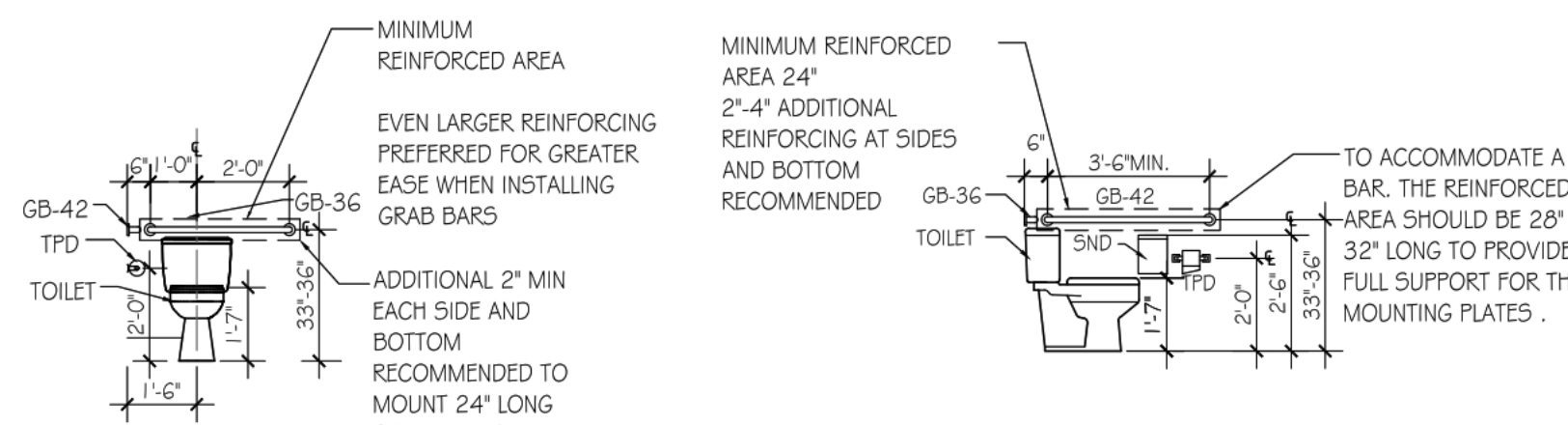
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**FHA KITCHEN CLEARANCE REQ**

(REPRINTED FROM FHG)

**FHA SHOWER - BLOCKING REQ**

NOTE: CONTRACTOR MAY RELOCATE PLUMBING CONTROLS TO OPPOSITE FACE OF TUB AS LONG AS 30x48 PERPENDICULAR ACCESS IS MAINTAINED. CONTRACTOR SHALL COORDINATE WITH TOILET SELECTED AND MADE. FIELD ADJUSTMENTS TO MAINTAIN COMPLIANCE.

**FHA BATHROOM - BLOCKING REQ****GENERAL FAIR HOUSING NOTES****FHA GENERAL NOTES:**

- ALL GRADE LEVEL UNIT ARE 100% FAIR HOUSING COMPLIANT, ON AN ACCESSIBLE ROUTE. ROUTE FROM SIDEWALK SHALL BE CONSTRUCTED TO TOLERANCES ALLOWABLE PER FLORIDA BUILDING CODE, FAIR HOUSING GUIDELINES OR AUTHORITY HAVING JURISDICTION REQUIREMENTS. WHICHEVER IS MOST STRINGENT. ROUTE FROM SIDE WALKS TO UNIT PATIOS ARE NOT ACCESSIBLE. ROUTE FROM SIDE WALKS TO FIRE STAIR EXIT DOORS SHALL BE ACCESSIBLE. HANDRAILS ARE NOT REQUIRED ON WALKS WITH SLOPE BETWEEN 0 % AND 5%, BUT THEY ARE REQUIRED ON THOSE STEEPER THAN 5% AND UP TO 8.33%.
- FHA COMPLIANCE IS ACHIEVED WHEN THE FOLLOWING SEVEN REQUIREMENTS ARE MET:  
REQUIREMENT 1: ACCESSIBLE BUILDING ENTRANCE ON AN ACCESSIBLE ROUTE  
REQUIREMENT 2: ACCESSIBLE AND USABLE PUBLIC AND COMMON USE AREAS  
REQUIREMENT 3: USABLE DOORS  
REQUIREMENT 4: ACCESSIBLE ROUTE INTO AND THROUGH THE CONVERGED DWELLING UNIT  
REQUIREMENT 5: LIGHT SWITCHES, ELECTRICAL OUTLETS, THERMOSTATS AND OTHER ENVIRONMENTAL CONTROLS IN ACCESSIBLE LOCATIONS.  
REQUIREMENT 6: REINFORCED WALLS FOR GRAB BARS  
REQUIREMENT 7: USABLE KITCHENS AND BATHROOMS
- THRESHOLDS:**  
THE MAXIMUM VERTICAL FLOOR LEVEL CHANGE IS 1/4 INCH, EXPECT WHEN A TAPERED THRESHOLD IS USED, THE MAXIMUM HEIGHT IS 1/2 INCH. MAXIMUM ALLOWABLE HEIGHT DIFFERENCE BETWEEN INTERIOR FLOOR LEVEL AND EXTERIOR FLOOR LEVEL AT PRIMARY ENTRY DOOR.
  - 0 PERVIOUS CONSTRUCTION (E.G. WOOD DECKING WITH SPACES)
  - 1/2 " IMPERVIOUS CONSTRUCTION (E.G., CONCRETE, BRICK, OR FLAGSTONE) AT SECONDARY DOOR
- DOORS:**  
ACCESSIBLE DOORS (IN PUBLIC AND COMMON USE SPACES / PUBLIC SIDE OF UNIT ENTRY DOOR)
  - MUST PROVIDE 32" MINIMUM CLEAR WIDTH (INCLUDING ON THE ACTIVE LEAF OF PAIRED DOORS)
  - MUST MEET ANSI 4.13 DOORSUSEABLE DOORS (WITHIN INTERIOR OF DWELLING UNIT)
  - MUST PROVIDE 32" NOMINAL CLEAR WIDTH (INCLUDING ON THE ACTIVE LEAF OF PAIRED DOORS)
  - HAVE NO ADDITIONAL REQUIREMENTS EXCEPT LOW OR NO THRESHOLD.ANY DISCREPANCIES BETWEEN SCHEDULED DOORS AND PLANS SHALL CONFORM TO THE REQUIREMENTS LIST ABOVE. SWING CLEAR HINGE INSTALLATION IS ACCEPTABLE.

- SWITCHES:**  
ALL COVERED SWITCHES, OUTLETS, AND ENVIRONMENTAL CONTROLS OPERATED ON A FREQUENT BASIS MUST BE IN ACCESSIBLE LOCATIONS.
  - ACCESSIBLE: NO HIGHER THAN 48" TO TOP OF THERMOSTAT OR SWITCH/ 15" TO CENTER LINE OF THE LOWEST OUTLET. NO HIGHER THAN 46" TO THE CENTERLINE OF CONTROL ABOVE COUNTERTOPS, TYPICAL
  - INACCESSIBLE: < 15" IS ACCEPTABLE

- KITCHEN:**  
THE GUIDELINES REQUIRE A CLEARANCE OF AT LEAST 40 INCHES BETWEEN ALL OPPOSING BASE CABINETS, COUNTERTOPS, APPLIANCES, AND WALLS. THE 40-INCH CLEARANCE IS MEASURED FROM ANY COUNTERTOP OR THE FACE OF ANY APPLIANCE (EXCLUDING HANDLES AND CONTROLS) THAT PROJECTS INTO THE KITCHEN TO THE OPPOSING CABINET, COUNTERTOP, APPLIANCE, OR WALL.

- SINK CABINETS:**  
WHERE LAVATORIES ARE INSTALLED WHERE SPACE DOES NOT PERMIT A CLOSE PARALLEL APPROACH WITH THE 30-INCH X 48-INCH CLEAR FLOOR SPACE CENTERED ON THE BASIN, THE CENTERLINE OF THE BASIN MUST BE AT LEAST 15 INCHES FROM AN ADJOINING WALL OR FIXTURE. IT MUST HAVE KNEE SPACE AT LEAST 30 INCHES WIDE TO ALLOW A USER TO EXECUTE A FORWARD APPROACH INTO CLEAR FLOOR SPACE BENEATH THE FIXTURE.

- FHA COMPLIANCY REQUIRES THAT UNITS ON THE GROUND LEVEL, SHALL BE CONSTRUCTED A 100% ADAPTABLE. TO THE EXTENT NEEDED, UPON OCCUPANCY, FHA COMPONENTS SHALL BE INSTALLED FULFILLING THE REQUIREMENTS FOR A COMPLIANT UNIT, INCLUDING BUT NOT LIMITED TO THE INSTALLATION OF GRAB BARS, MODIFYING THE UNDER COUNTER AREAS, PROVIDING ACCESSIBLE ROUTES THROUGH THE UNIT USING COMPLIANT DOORS, CONSTRUCTING COMPLIANT KITCHENS AND BATHROOMS.

- AMERICANS WITH DISABILITIES ACT GUIDELINE REQUIREMENTS APPLY ONLY AT THE COMMON AREAS, LEASING OFFICE, LOBBY, AND FITNESS CENTER.

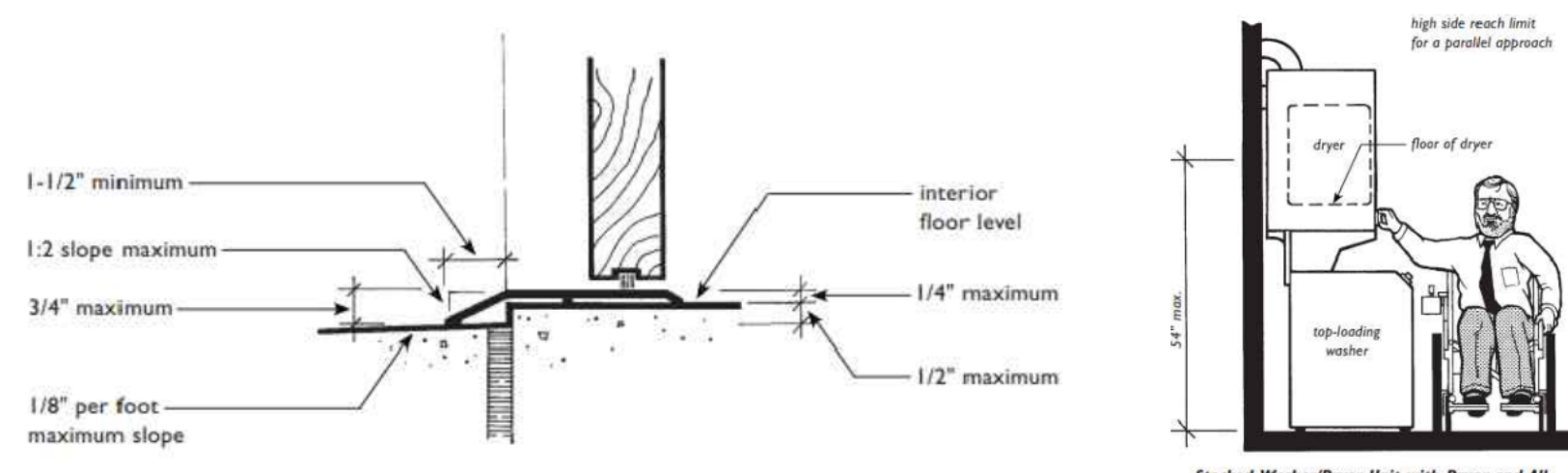
- CONTRACTOR MAY RELOCATE PLUMBING CONTROLS TO OPPOSITE FACE OF TUB AS LONG AS 30x48 PERPENDICULAR ACCESS IS MAINTAINED. CONTRACTOR SHALL COORDINATE WITH TOILET SELECTED AND MAKE FIELD ADJUSTMENTS TO MAINTAIN COMPLIANCE.

- CONTENT REPRINTED FROM FAIR HOUSING ACT MANUAL AND GUIDELINES (1988), IN THE EVENT OF DISCREPANCIES BETWEEN SHOWN DETAILING AND THE FLORIDA BUILDING CODE, CHAPTER 11 FAIR HOUSING ACCESSIBILITY GUIDELINES ARISE, THE FBC 2014 SHALL RULE.

NOTE: FHA COMPLIANCY REQUIRES THAT UNITS SHALL BE CONSTRUCTED AS 100% ADAPTABLE. TO THE EXTENT NEEDED, UPON OCCUPANCY, FHA COMPONENTS SHALL BE INSTALLED FULFILLING THE REQUIREMENTS FOR A COMPLIANT UNIT, INCLUDING BUT NOT LIMITED TO THE INSTALLATION OF GRAB BARS. MODIFYING THE UNDER COUNTER AREAS, PROVIDING ACCESSIBLE ROUTES THROUGH THE UNIT, USING COMPLIANT DOORS, CONSTRUCTING COMPLIANT KITCHENS AND BATHROOMS.

AMERICANS WITH DISABILITIES ACT GUIDELINE REQUIREMENTS APPLY ONLY AT THE CLUBHOUSE.

NOTE: CONTENT REPRINTED FROM FAIR HOUSING ACT MANUAL AND GUIDELINES (1988), IN THE EVENT OF DISCREPANCIES BETWEEN SHOWN DETAILING AND THE FLORIDA BUILDING CODE, CHAPTER 11 FAIR HOUSING ACCESSIBILITY GUIDELINES ARISE, THE FBC 6TH EDITION (2017) SHALL RULE.

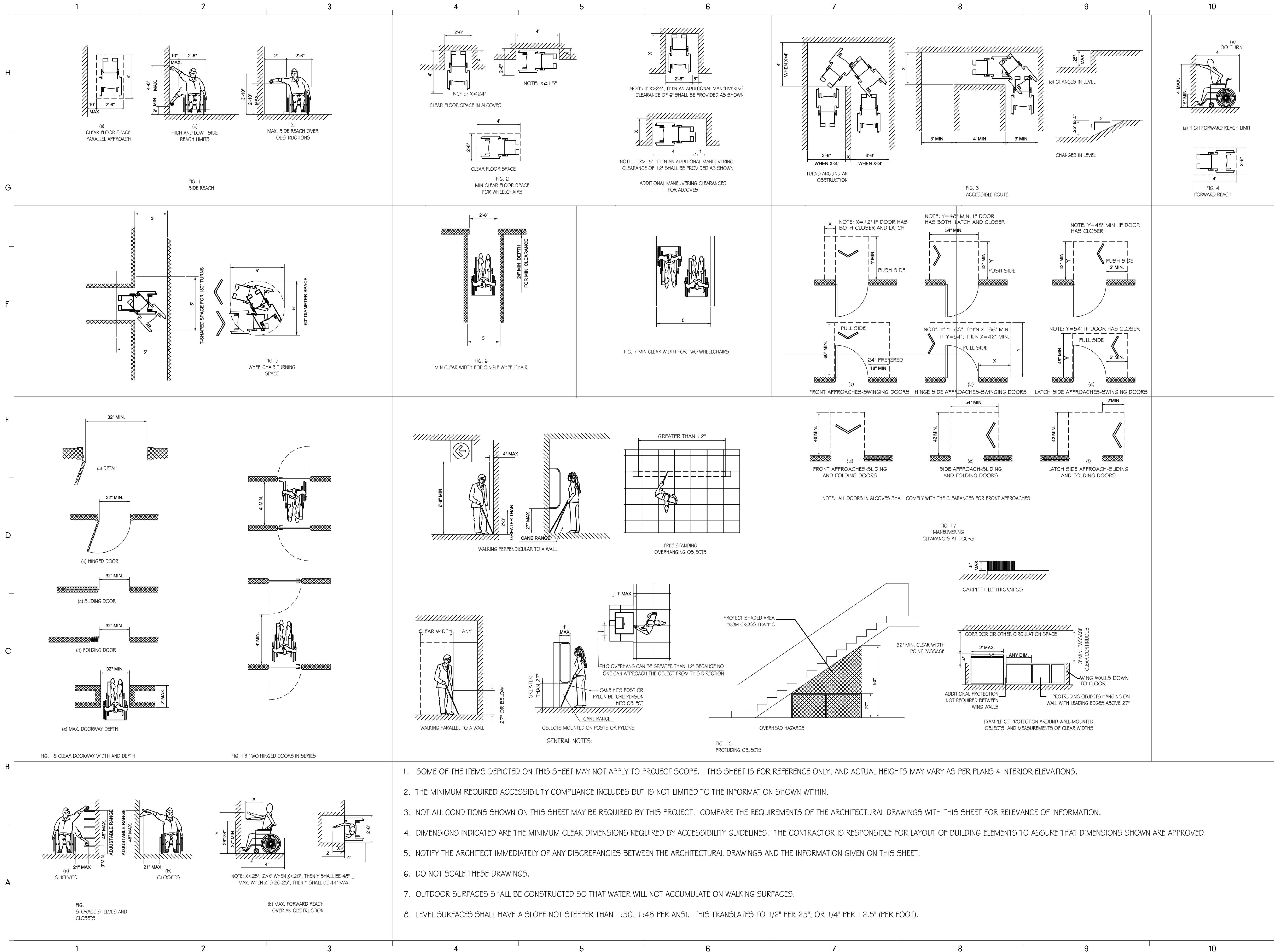
**FHA THRESHOLD - ENTRY DOOR**

(REPRINTED FROM FHG)

**STACKED WASHER/DRYER**

(REPRINTED FROM FHG)





- SOME OF THE ITEMS DEPICTED ON THIS SHEET MAY NOT APPLY TO PROJECT SCOPE. THIS SHEET IS FOR REFERENCE ONLY, AND ACTUAL HEIGHTS MAY VARY AS PER PLANS & INTERIOR ELEVATIONS.
- THE MINIMUM REQUIRED ACCESSIBILITY COMPLIANCE INCLUDES BUT IS NOT LIMITED TO THE INFORMATION SHOWN WITHIN.
- NOT ALL CONDITIONS SHOWN ON THIS SHEET MAY BE REQUIRED BY THIS PROJECT. COMPARE THE REQUIREMENTS OF THE ARCHITECTURAL DRAWINGS WITH THIS SHEET FOR RELEVANCE OF INFORMATION.
- DIMENSIONS INDICATED ARE THE MINIMUM CLEAR DIMENSIONS REQUIRED BY ACCESSIBILITY GUIDELINES. THE CONTRACTOR IS RESPONSIBLE FOR LAYOUT OF BUILDING ELEMENTS TO ASSURE THAT DIMENSIONS SHOWN ARE APPROVED.
- NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL DRAWINGS AND THE INFORMATION GIVEN ON THIS SHEET.
- DO NOT SCALE THESE DRAWINGS.
- OUTDOOR SURFACES SHALL BE CONSTRUCTED SO THAT WATER WILL NOT ACCUMULATE ON WALKING SURFACES.
- LEVEL SURFACES SHALL HAVE A SLOPE NOT STEEPER THAN 1:50, 1:48 PER ANSI. THIS TRANSLATES TO 1/2" PER 25", OR 1/4" PER 12.5" (PER FOOT).







|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
|   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| H |   |   |   |   |   |   |   |   |
| G |   |   |   |   |   |   |   |   |
| F |   |   |   |   |   |   |   |   |
| E |   |   |   |   |   |   |   |   |
| D |   |   |   |   |   |   |   |   |
| C |   |   |   |   |   |   |   |   |
| B |   |   |   |   |   |   |   |   |
| A |   |   |   |   |   |   |   |   |
|   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

NUMBERED NOTES

- 1.13-5/8" METAL STUDS 16" OC. DOUBLE-STUD JAMBS FULL HT. AT DOOR OPENINGS
- 1.22x4 WOOD STUDS 16" OC. DOUBLE-STUD JAMBS FULL HT. AT DOOR OPENINGS
- 1.3CONTINUOUS TOP TRACK (0.0329" METAL THICKNESS)
- 1.4RESILIENT CHANNELS 24" OC VERTICAL
- 1.5STUD BRACING MIN. 48 IN. OC (24" OC AT WALL-HUNG CABINETS)
- 1.6STEEL STUD OR RUNNER BRACING, FULL WIDTH OF CAVITY, 48" OC VERT. MAX
- 1.7CMU (UL LISTED WHERE APPLICABLE). SEE STRUCTURAL FOR REINFORCING, LINTEL, AND TOP BRACING REQUIREMENTS
- 1.8AT INTERIOR FURRING: PROVIDE 3/4 WOOD FURRING STRIP
- 1.9AT EXTERIOR (PERIMETER) FURRING: PROVIDE 2 IN. Z-SHAPED METAL FURRING W/ MIN. R-8 BOARD INSULATION
- 2.1ONE LAYER 5/8 IN. GYP. BD
- 2.2ONE LAYER 5/8 IN. CEMENT BOARD WITH 1/4 IN. THIN-SET TILE, (UP TO INTERSECTION WITH CEILING PLANE) AT BATHTUB LOCATIONS
- 2.3TWO LAYERS 5/8 IN. TYPE 'X' GYP. BD. EACH SIDE (ABOVE CEILING)
- 3.1CEILING. SEE CEILING PLAN FOR TYPES / LOCATIONS
- 3.2ACOUSTICAL SEALANT JOINT. PROVIDE CONT. BEAD UNDER EACH LAYER GYP BD
- 3.3UL LISTED FIRE-RESISTANCE RATED HW (HEAD OF WALL) JOINT
- 3.4UL LISTED FIRE-RESISTANCE RATED BW (BOTTOM OF WALL) JOINT
- 3.5EXTEND GYP BOARD TO TOP OF TRACK TO ESTABLISH A DRAFT STOP ASSEMBLY. CONDUIT TURNOUTS AND ELECTRICAL BOXES MUST STAND CLEAR OF MET. STUDS TO ALLOW FOR APPLICATION OF UNINTERRUPTED GYPSUM MEMBRANE
- 3.6STRUCTURAL BRACE AT UNSUPPORTED END WALL CONDITIONS. SEE DETAIL
- 3.7SOUND ATTENUATION BATT INSULATION.

GENERAL NOTES - PARTITIONS

1. UL LISTED ASSEMBLIES  
A. WHERE UL ASSEMBLY NUMBERS ARE REFERENCED ABOVE, PARTITIONS SHALL BE CONSTRUCTED IN STRICT COMPLIANCE WITH REQUIREMENTS SET FORTH BY THE UL FIRE RESISTANCE DIRECTORY. NO DEVIATION SHALL BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL BY THE ARCHITECT AND/OR BUILDING OFFICIAL.
2. FIRE BARRIERS, FIRE PARTITIONS, & SMOKE BARRIERS (FIRE-RATED)  
A. ALL PERIMETER JOINTS MUST BE PROTECTED BY UL LISTED FIRE-RESISTANT JOINT SYSTEMS.  
B. ALL PENETRATIONS OF RATED ASSEMBLIES MUST BE PROTECTED BY UL LISTED THROUGH-PENETRATION FIRESTOPPING ASSEMBLIES.  
C. FIRE DAMPERS MUST PROTECT HVAC DUCT PENETRATIONS.  
D. IDENTIFY FIRE WALLS, SMOKE BARRIERS, ETC., IN ACCESSIBLE CONCEALED FLOOR, FLOOR-CEILING OR ATTIC SPACES, BY STENCILING "X-HOUR FIRE AND/OR SMOKE BARRIER" IN 3-INCH HIGH CONTRASTING LETTERS, 3/8-INCH MINIMUM STROKE. LOCATE WITHIN 15 FEET OF END OF WALL, AND AT INTERVALS NOT EXCEEDING 30 FEET MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION.
3. SMOKE PARTITIONS (NON-RATED)  
A. ALL PERIMETER JOINTS MUST BE SEALED WITH AIRTIGHT SEALANT APPLICATION.  
B. ALL PIPING, ELECTRICAL, AND DUCT PENETRATIONS MUST BE SEALED WITH AIRTIGHT SEALANT APPLICATION.
4. SOUND INSULATION  
A. INSULATION THICKNESS SHALL MATCH CAVITY DEPTH UNLESS NOTED OTHERWISE.  
B. INSULATE BEHIND RECESSED ITEMS IN ANY SCHEDULED ACOUSTIC PARTITIONS.  
C. INSULATION MAY BE OMITTED AT CHASES NOT EXCEEDING 10 S.F. IN AREA.
5. ACOUSTICAL SEALANT  
A. AT ALL GYP BOARD AND METAL STUD PARTITIONS: REQUIRED AT BOTTOM AND TOP RUNNERS AND AT WALL ANGLES WHERE DISSIMILAR MATERIALS MEET (SEE DETAILS).  
B. AT SCHEDULED ACOUSTIC PARTITIONS: AIRTIGHT SEAL IS REQUIRED AT ALL PENETRATIONS.  
C. ELECTRICAL AND OTHER BOXES TO BE WRAP-SEALED (SEE DETAILS).
6. PARTITION COORDINATION  
A. COMPLY WITH "PARTITION COORDINATION WITH OTHER TRADES" REQUIREMENTS LOCATED UNDER "GENERAL NOTES" ON GENERAL INFORMATION DRAWING G1.02

PARTITION KEY

|  |   |  |
|--|---|--|
| <div>TYPE 1G<br/>3 5/8" METAL STUDS</div> <div>TYPE 1S<br/>4" METAL CH STUDS</div> <div>TYPE 0M<br/>8" CMU</div> <div>TYPICAL PARTITION<br/>(SHOWN THUS)</div> | <div>1G<br/>6"</div> <div>1S<br/>2.5"</div> <div>0M<br/>4"</div> <div>1G<br/>6"</div> <div>1S<br/>2.5"</div> <div>0M<br/>4"</div> <div>VARIANT PARTITION<br/>(SHOWN THUS)</div> | <div>TYPE 1G<br/>6" METAL STUDS</div> <div>TYPE 1S<br/>2.5" METAL CH STUDS</div> <div>TYPE 0M<br/>4" CMU</div> <div>STANDARD FRAMING<br/>3 5/8" METAL STUDS<br/>4" METAL CH STUDS<br/>8" CMU</div> <div>PARTITIONS USE STANDARD FRAMING EXCEPT WHERE VARIANT FRAMING SIZE IS INDICATED</div> <div>VARIANT FRAMING<br/>WHERE APPLICABLE, SIZE IS SHOWN IN INCHES BELOW PARTITION TYPE</div> |
|--|---|--|

PARTITION TYPES  
- INTERIOR

G1.21

MAGNOLIA OAKS

7240 & 7338

MASSACHUSETTS AVE

NEW PORT RICHEY, FLORIDA

ISSUE DATE  
100% CONSTRUCTION DOCS SET 06/28/2022  
INTEREST REVIEW 07/27/2022

201 North Franklin Street, Suite 250

Tampa, FL 33602

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GMCNETWORK.COM

DRAWN BY: GMC  
CHECKED BY: GMC



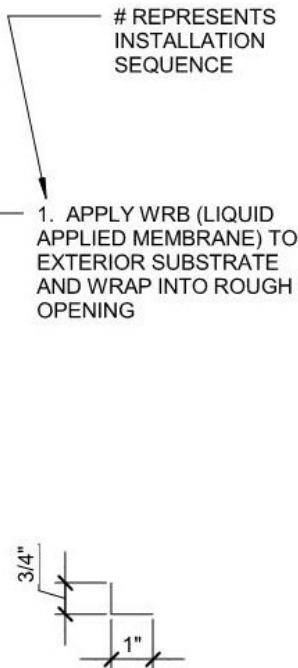




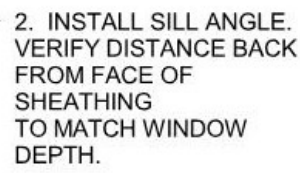






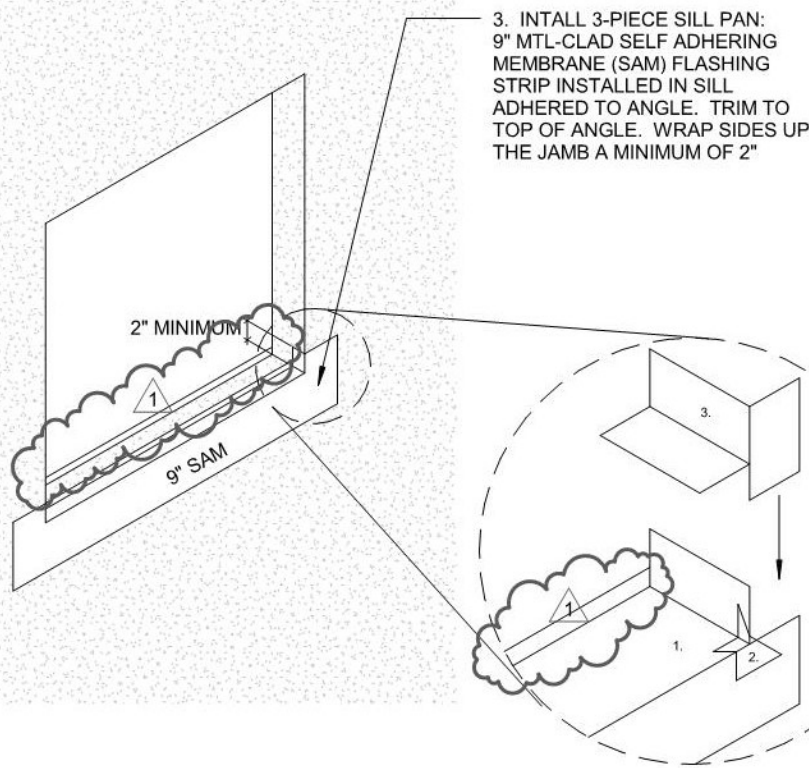


**WRB AT ROUGH OPENING**  
SCALE: NTS

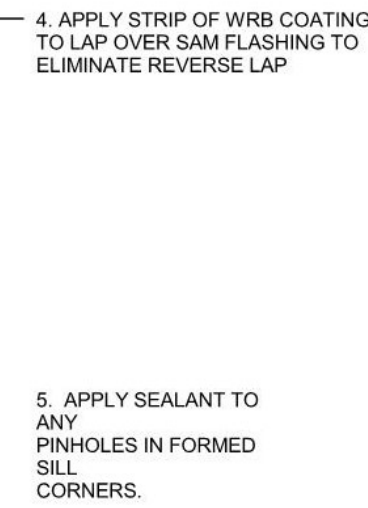


### INSTALL SILL ANGLE

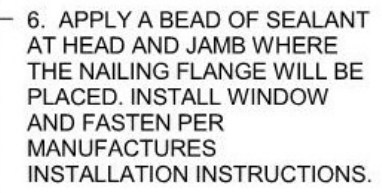
SCALE: NTS



**SELF ADHEREING MEMBRANE SILL WRAP**  
SCALE: NTS



**APPLY DETAIL MEMBRANE ALONG TOP OF SAM**  
SCALE: NTS

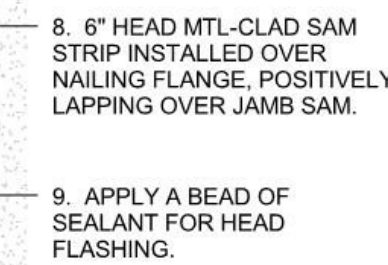


## INSTALL WINDOW

SCALE: NTS

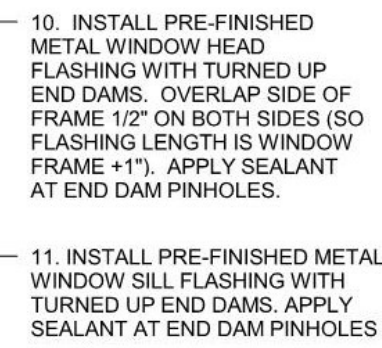


**SELF ADHEREING MEMBRANE JAMB WRAP**  
SCALE: NTS

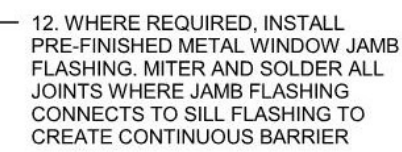


## SELF ADHEREING MEMBRANE HEAD WRAP

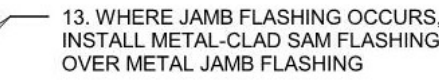
SCALE: NTS



**PRE FINISHED WINDOW FLASHING**  
SCALE: NTS

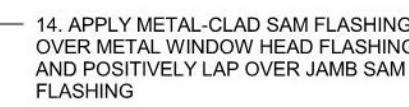


**PRE FINISHED WINDOW JAMB FLASHING**  
SCALE: NTS



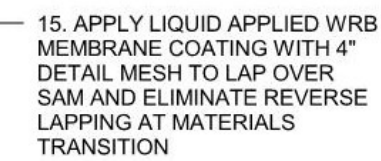
# JAMB SAM FLASHING

SCALE: NTS



## HEAD SAM FLASHING

SCALE: NTS



## HEAD WRB MEMBRANE COATING



F

E

D

C

B

A

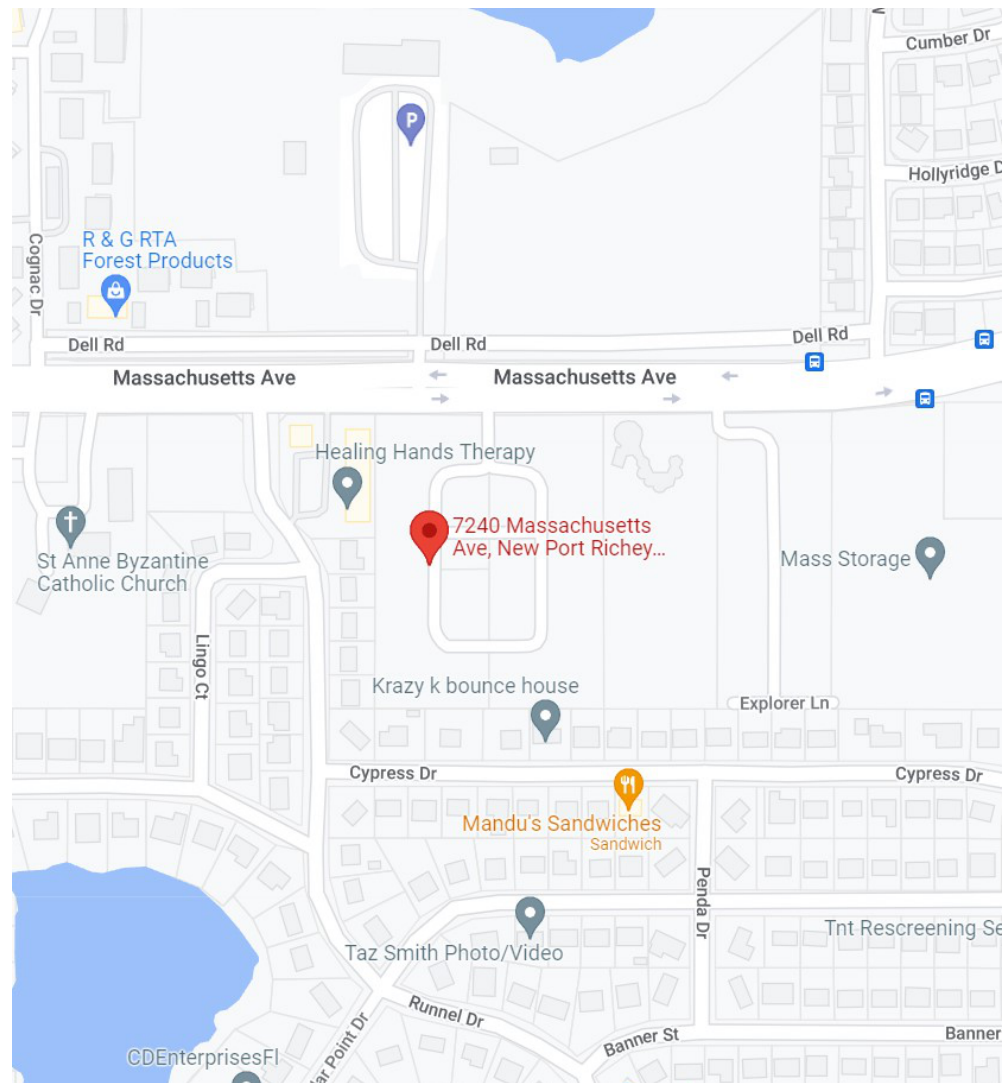
| PRODUCT TYPE                |  | MANUFACTURER         |  | MODEL #/SERIES                                 |  | FL PRODUCT APPR. NO. |  | MIAMI DADE NOA |  |
|-----------------------------|--|----------------------|--|--|--|----------------------|--|----------------|--|
| EXTERIOR DOORS              |  |                      |  |  |  |                      |  |                |  |
| SWINGING-EXT. DOOR ASSEMBLY |  | PGT                  |  | WINGUARD VINYL FRENCH DOOR # SIDELITE #FD-5455 |  | FL 331.2             |  | N/A            |  |
| SWINGING-EXT. DOOR ASSEMBLY |  | MASONITE             |  | HD 4 PANEL FAN LITE STEEL DOOR                 |  | FL 22513             |  | N/A            |  |
| SLIDING-EXT. DOOR ASSEMBLY  |  | PGT                  |  | WINGUARD VINYL SLIDING DOOR #5GD-5470          |  | FL 251.8             |  | N/A            |  |
| SWINGING-EXT. DOOR ASSEMBLY |  | CLINE ALUMINUM DOORS |  | SERIES 100BE ALUMINUM DOUBLE DOOR              |  | FL 6336.12           |  | N/A            |  |
| EXTERIOR WINDOWS            |  |                      |  |  |  |                      |  |                |  |
| SINGLE HUNG - EXT. WINDOW   |  | PGT                  |  | WINGUARD VINYL SINGLE HUNG WINDOW #SH5400      |  | FL 239.1             |  | N/A            |  |
| WALL PANELS                 |  |                      |  |  |  |                      |  |                |  |
| LAP SIDING                  |  | HARDIE PRODUCTS      |  | HARDIE PLANK LAP SIDING                        |  | FL 13192.2           |  | N/A            |  |
| SHINGLE SIDING              |  | HARDIE PRODUCTS      |  | HARDIE SHINGLE INDIVIDUAL SHINGLE              |  | FL 13192.3           |  | N/A            |  |
| ADHERED MASONRY VENEER      |  | BORAL STONE PRODUCTS |  | CULTURED STONE_SCULPTED ASHLAR                 |  | FL 15047.1           |  | N/A            |  |
| ROOFING PRODUCTS            |  |                      |  |  |  |                      |  |                |  |
| ASPHALT ROOF SHINGLES       |  | CERTAINTED, LLC      |  | 3-TAB, 4-TAB, STRIP ASPHALT ROOF SHINGLES      |  | FL 5444.1            |  | N/A            |  |
| ROOF UNDERLAYMENT           |  | CERTAINTED, LLC      |  | ROOF UNDERLAYMENT                              |  | FL 11288.1           |  | N/A            |  |

| RESIDENTIAL BUILDING TYPE AND LIVING UNIT MIX |          |       |            |              |               |                    |                    |                     |                    |          |
|---|----------|-------|------------|--------------|---------------|--------------------|--------------------|---------------------|--------------------|----------|
| UNIT TYPES                                    | COUNT    | MIX % | NET S.F.   | GROSS S.F.   | TOTAL S.F.    | BDLG. #1<br>TYPE I | BDLG. 2<br>TYPE II | BDLG. 2<br>TYPE III | BDLG. 2<br>TYPE IV | TOTALS   |
| ONE BEDROOM                                   | 34       | 44%   | 643 N.S.F. | 770 G.S.F.   | 26,180 G.S.F. | 16                 | 12                 | 2                   | 4                  | 34       |
| TWO BEDROOM                                   | 33       | 43%   | 823 N.S.F. | 969 G.S.F.   | 31,977 G.S.F. | 16                 | 12                 | 1                   | 4                  | 33       |
| THREE BEDROOM                                 | 10       | 13%   | 923 N.S.F. | 1,079 G.S.F. | 10,790 G.S.F. |                    | 6                  |                     | 4                  | 10       |
| TOTAL   | 77 UNITS | 100%  |            |              | 68,947 G.S.F. | 32                 | 30                 | 3                   | 12                 | 77 UNITS |

| RESIDENTIAL BUILDING TYPE SUMMARY                             |              |                |               |
|---|--------------|----------------|---------------|
| BLDG. TYPES   | COUNT        | GROSS S.F.     | TOTALS        |
| TYPE I  | 8 BLDG. TYPE | 3,476 G.S.F.   | 27,808 G.S.F. |
| TYPE II   | 6 BLDG. TYPE | 4,555 G.S.F.   | 27,330 G.S.F. |
| TYPE III  | 1 BLDG. TYPE | 2,515 G.S.F.   | 2,515 G.S.F.  |
| TYPE IV   | 2 BLDG. TYPE | 5,629 G.S.F.   | 11,258 G.S.F. |
| CLUBHOUSE   | 1 BLDG. TYPE | 1,737 G.S.F.   | 1,737 G.S.F.  |
| PROJECT TOTAL   |              |                | 70,648 G.S.F. |
| ACCESSIBLE UNITS  | REQUIRED     | PROVIDED       | UNIT NUMBER   |
| REQUIRED 5% OF TOTAL  |              |                |               |
| 77 x 5% = 3.85  | 4 UNITS      | 4 UNITS        |               |
| PROVIDED @ BUILDING #02                                       |              | (2) 1-BD UNITS | SEE G3.01     |
| PROVIDED @ BUILDING #02                                       |              | (2) 2-BD UNITS | SEE G3.01     |
|   |              |                |               |
| AUDI/VISUAL UNITS   | REQUIRED     | PROVIDED       | UNIT NUMBER   |
| REQUIRED 2% OF TOTAL  |              |                |               |
| 77 x 2% = 1.54  | 2 UNITS      | 2 UNITS        |               |
| PROVIDED @ BUILDING #03                                       |              | (1) 1-BD UNITS | SEE G3.01     |
|   |              | (1) 2-BD UNITS | SEE G3.01     |
| PARKING REQUIREMENTS  |              |                |               |
| (2) 9'-0" x 20'-0" DRIVEWAY PARKING SPACE PER (1) UNIT        |              |                |               |
| (77) RESIDENTIAL UNITS x (2) = 154 DRIVEWAY PARKING SPACES    |              |                |               |
| (9) 9'-0" x 20'-0" STABILIZED GRASS PARKING SPACE @ CLUBHOUSE |              |                |               |
| (1) 12'-0" x 20'-0" ADA PARKING SPACE @ CLUBHOUSE             |              |                |               |

FLORIDA PRODUCT APPROVAL SCHEDULE

LOCATION MAP



| PLUMBING FIXTURE TABULATIONS                                  |          |                                  |   |   |           |     |   |           |     |   |                 |                      |              |
|---|----------|----------------------------------|---|---|-----------|-----|---|-----------|-----|---|-----------------|----------------------|--------------|
| BUILDING UNITS - RESIDENTIAL R-2                              |          |                                  |   |   |           |     |   |           |     |   |                 |                      |              |
| MINIMUM PLUMBING FIXTURES (FLORIDA PLUMBING CODE TABLE 403.1) |          |                                  |   |   |           |     |   |           |     |   |                 |                      |              |
| PLUMBING FIXTURES MINIMUM REQUIREMENTS: R-2                   |          |                                  |   |   |           |     |   |           |     |   |                 |                      |              |
| WATER CLOSET:   |          | 1 PER DWELLING                   |   |   |           |     |   |           |     |   |                 |                      |              |
| LAVATORIES:   |          | 1 PER DWELLING                   |   |   |           |     |   |           |     |   |                 |                      |              |
| BATHTUBS/SHOWERS:   |          | 1 PER DWELLING                   |   |   |           |     |   |           |     |   |                 |                      |              |
| DRINKING FOUNTAIN:  |          | NOT APPLICABLE                   |   |   |           |     |   |           |     |   |                 |                      |              |
|   |          | 1 KITCHEN SINK PER DWELLING UNIT |   |   |           |     |   |           |     |   |                 |                      |              |
| CLUBHOUSE   |          |                                  |   |   |           |     |   |           |     |   |                 |                      |              |
| OCCUPANCY   |          | ACTUAL LOAD CALCULATIONS         |   |   |           |     |   |           |     |   |                 |                      |              |
|   |          | OCCUPANT<br>LOAD<br>(ACTUAL)     |   |   | WC        |     |   | LAV       |     |   | BATH/<br>SHOWER | DRINKING<br>FOUNTAIN | SVC<br>SINKS |
| M   | F        | USX                              | M | F | USX       |     |   |           |     |   |                 |                      |              |
| B<br>BUSINESS<br>150 NET SF/OCC                               |          | 5<br>3 EA M F                    |   |   | 1.0 -     |     |   | 1.0 -     |     |   | -               | 1.0                  | 1.0          |
| A2<br>ASSEMBLY<br>15 NET SF/OCC                               |          | 27<br>14 EA M F                  |   |   | 1.0 1.0 - |     |   | 1.0 1.0 - |     |   | -               | 1.0                  | 1.0          |
| A3<br>ASSEMBLY<br>50 NET SF/OCC                               |          | 7<br>4 EA M F                    |   |   | 1.0 1.0 - |     |   | 1.0 1.0 - |     |   | -               | 1.0                  | 1.0          |
| TOTAL   | REQUIRED |                                  |   |   | 1.0       | 1.0 | - | 1.0       | 1.0 | - | -               | 1.0                  | 1.0          |
|   | PROVIDED |                                  |   |   | 2.0       | 2.0 | - | 2.0       | 2.0 | - | -               | 2.0                  | 1.0          |

GENERAL NOTES

- RESIDENTIAL CODE - FOCUS CRITERIA
  - R302.9.1 WALL AND CEILING, WALL AND CEILING FINISHES SHALL HAVE A FLAME-SPREAD CLASSIFICATION OF NOT GREATER THAN 200.  
EXCEPTION: FLAME-SPREAD INDEX REQUIREMENTS FOR FINISHES SHALL NOT APPLY TO TRIM DEFINED AS PICTURE MOLDS, CHAIR RAILS, BASEBOARDS AND HANDRAIL; TO DOOR AND WINDOWS OR THEIR FRAMES; OR TO MATERIALS HAVE FLAME SPREAD VALUES NOT GREATER THAN THOSE OF PAPER OF THIS THICKNESS CEMENTED TO A NONCOMBUSTIBLE BACKING.  
R302.9.2 SMOKE-DEVELOPED INDEX. WALL AND CEILING FINISHES SHALL HAVE A SMOKE-DEVELOPED INDEX OF NOT GREATER THAN 450.
  - R324 FIRE PROTECTION. SPRINKLER SYSTEM REQUIRED FOR BUILDINGS. THIS PROJECT IS USING 13R SYSTEM NOT ATTIC SPRINKLER, NO FLOORS, NO SMALL BATHS OR SMALL CLOSETS SHALL BE SPRINKLER
- BUILDING CODE - FOCUS CRITERIA
  - 718.4.2 DRAFTSTOPPING IN ATTICS. GROUPS R-1, R-2. DRAFTSTOPPING SHALL BE PROVIDED IN ATTICS, MANSARDS, OVERHANGS AND OTHER CONCEALED ROOF SPACES OF GROUP R-2 BUILDINGS WITH THREE OR MORE DWELLING UNITS.  
EXCEPTION: 3. IN OCCUPANCIES IN GROUP R-2 THAT DO NOT EXCEED FOUR STORIES IN HEIGHT, THE ATTIC SPACE SHALL BE SUBDIVIDED BY DRAFTSTOPS INTO AREAS NOT TO EXCEED 3,000 SQ. FT. OR ABOVE EVERY TWO DWELLING UNITS WHICH EVER IS SMALLER.  
(NOTE: DRAFTSTOPPING SHALL EXTEND PAST BOTTOM CHORD AND TERMINATE AT THE TOP OF RATED WALL ASSEMBLY WITH CONTINUOUS BEAD OF FIRE CAULK ON EITHER SIDE)
  - 903.3.1.2 NFPA 13R SPRINKLER SYSTEMS. AUTOMATIC SPRINKLER SYSTEMS IN GROUP R OCCUPANCIES UP TO AND INCLUDING FOUR STORIES IN HEIGHT IN BUILDING NOT EXCEEDING 60 FEET IN HEIGHT ABOVE GRADE PLAN SHALL BE PERMITTED TO BE INSTALLED THROUGHOUT IN ACCORDANCE WITH NFPA 13R.
  - FIRE PROTECTION SYSTEMS. UNITS ARE FULLY SPRINKLERED, 13R
  - FIRE ALARM SYSTEM INSTALLED IN ALL UNITS, SMOKE DETECTORS REQUIRED IN ALL OCCUPIABLE SPACES.  
FOR ACCESSIBLE UNITS, STROBES/ HORN DESIGN SHALL BE USED
  - UNIT EXTINGUISHER REQUIREMENTS PER NFPA 10: ANNEX F. AT MINIMUM, A SINGLE EXTINGUISHER 2-A:10-B-C, WITH OPERATING INSTRUCTIONS FACING OUTWARDS, INSTALLED BELOW SINK IN THE KITCHEN AREA
  - CLUBHOUSE BUILDING. FIRE EXTINGUISHER CABINETS SHALL BE PROVIDED PER NFPA 10
  - PROVIDE TACTILE SIGNAGE AT EACH DOOR REQUIRING AN EXIT SIGN. SIGNAGE SHALL BE MOUNTED ON LATCH SIDE OF DOOR, 60" A.F.F.
- MISCELLANEOUS
  - KNOW BOX LOCATED PER FIRE MARSHAL'S OFFICE - CONTAINS MASTER KEY FOR FIRE ENCLOSURES AND KEYS FOR ALL FIRE ALARM CONTROL ROOMS.
  - THE CLUB HOUSE IS DESIGNATED AS A COMMERCIAL BUILDING WITH A LIGHT WOOD FRAMED ROOF AND CEILING STRUCTURE. IT IS REQUIRED TO HAVE FIRE COMPLIANCE SIGNS FULLY COMPLIANT WITH THE FLORIDA STATUTE 633.027, REFERRED TO AS THE ALDRIDGE-BENGE FIREFIGHTER SAFETY ACT AND THE STATE FIRE MARSHAL RULE 694-3.012.  
SEE THE EXTERIOR ELEVATIONS FOR LOCATION ADJACENT TO FRONT DOOR OR OTHER ACCESS POINT AS DIRECTED PER FIRE MARSHAL'S OFFICE.  
  
LIGHT FRAME TRUSS TYPE CONSTRUCTION FIRE COMPLIANCE SIGN: "RF" TYPE, ALUMINUM. MOUNT ON 12" SQUARE 3/4" CEMENT BOARD PLAQUE PAINTED BLACK  
  
SIGN DIMENSIONS: 8.5 INCHES WIDE X 8.5 INCHES HIGH  
EMBLEM DIMENSIONS: 8.0 INCHES WIDE X 8.0 INCHES HIGH  
IMAGE: REFLECTIVE BRIGHT RED  
MOUNTING: STURDY WHITE 1MM OR 1.5MM ALUMINUM BACKING  
DESIGN: 4 PRE-DRILLED 3/16TH HOLES

DECLARATIVE STATEMENT PER FBC 109.3.6.4.4  
TO THE BEST OF THE ARCHITECT'S AND/OR THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE FIRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH THIS SECTION AND CHAPTER 633, FLORIDA STATUTES.

| PROJECT INFORMATION  |  |                          |  |  |  |  |  |  |                 |        |  |
|--|--|--------------------------|--|--|--|--|--|--|-----------------|--------|--|
| TITLE: MAGNOLIA OAKS<br>LOCATION: NEW PORT RICHEY, FL<br>SCOPE: NEW TOWNHOMES COMMUNITY AND CLUBHOUSE/LEASING OFFICE. ALL EXTERIOR WALLS ARE CMU BLOCKS AND ALL INTERIORS ARE WOOD FRAMED CONSTRUCTION. (4) BUILDING RESIDENTIAL UNIT TYPES AND (1) CLUBHOUSE BUILDING. ALL BUILDINGS ARE SINGLE STORY   |  |                          |  |  |  |  |  |  |                 |        |  |
| OVERALL BUILDING AREA  |  |                          |  |  |  |  |  |  |                 |        |  |
| BLDG.  |  | AREA (GROSS SQUARE FEET) |  |  |  |  |  |  |                 |        |  |
| TYPE I   |  | 3,476 GSF                |  |  |  |  |  |  |                 |        |  |
| TYPE II  |  | 4,555 GSF                |  |  |  |  |  |  |                 |        |  |
| TYPE III   |  | 2,515 GSF                |  |  |  |  |  |  |                 |        |  |
| TYPE IV  |  | 5,629 GSF                |  |  |  |  |  |  |                 |        |  |
| CLUBHOUSE  |  | 1,737 GSF                |  |  |  |  |  |  |                 |        |  |
| APPLICABLE CODES & REGULATIONS   |  |                          |  |  |  |  |  |  |                 |        |  |
| <ul style="list-style-type: none"><li>2020 (7TH EDITION) FLORIDA BUILDING CODE - BUILDING</li><li>2020 (7TH EDITION) FLORIDA BUILDING CODE - MECHANICAL</li><li>2020 (7TH EDITION) FLORIDA BUILDING CODE - PLUMBING</li><li>2020 (7TH EDITION) FLORIDA BUILDING CODE - ACCESSIBILITY</li><li>2020 (7TH EDITION) FLORIDA BUILDING CODE - ENERGY CONSERVATION</li><li>2020 (7TH EDITION) FLORIDA FIRE PREVENTION CODE</li><li>2017 NATIONAL ELECTRICAL CODE</li><li>2020 NFPA 101</li><li>2020 NFPA 1</li><li>RADON PASSIVE MITIGATION CODE: ANSI/AARST CC-1000 2018</li></ul> |  |                          |  |  | <ul style="list-style-type: none"><li>HOUSING AND URBAN DEVELOPMENT (HUD)</li><li>FAIR HOUSING ACT (FHA)</li><li>FHA GUIDELINES AND DESIGN MANUAL (FHADM)</li><li>UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS)</li><li>2010 ADA STANDARDS FOR ACCESSIBLE DESIGN</li><li>PASCO COUNTY LAND DEVELOPMENT CODE</li></ul> <p>NOTE: ALL PLANS TO BE CODE COMPLIANT</p> |  |  |  |                 |        |  |
| OCCUPANCY CLASSIFICATION   |  |                          |  |  |  |  |  |  | FBC CH 3        |        |  |
| OCCUPANCY  |  |                          | PRIMARY : RESIDENTIAL - R-2 (DWELLING UNIT BLDGS)<br>BUSINESS - B (CLUBHOUSE BLDG.)<br>ACCESSORY : ASSEMBLY A-2; A-3 (CLUBHOUSE BLDG.) |  |  |  |  |  |                 |        |  |
| CONSTRUCTION CLASSIFICATION  |  |                          |  |  |  |  |  |  | FBC CH 5        |        |  |
| CONSTRUCTION TYPE  |  |                          | R-2: TYPE VB - FULLY SPRINKLERED _ B: TYPE V-B FULLY SPRINKLERED   |  |  |  |  |  |                 |        |  |
| HEIGHT   |  |                          | R-2 ALLOWABLE: 75 FEET<br>B ALLOWABLE: 60 FEET   |  |  |  | ACTUAL: 10 FEET T.O. PLATE<br>ACTUAL: 10 FEET T.O. PLATE                 |  |                 |        |  |
| # OF STORIES   |  |                          | R-2 ALLOWABLE: 5 STORIES<br>B ALLOWABLE: 3 STORIES   |  |  |  | ACTUAL: 1 STORY<br>ACTUAL: 1 STORY                                       |  |                 |        |  |
| ALLOWABLE AREA   |  |                          | R-2 ALLOWABLE: 7,000 SF<br>B ALLOWABLE: 36,000 SF  |  |  |  | ACTUAL: 5,629 SF MAX.<br>ACTUAL: 1,737 SF                                |  |                 |        |  |
| FIRE RESISTANCE - STRUCT. ELEMENTS   |  |                          |  |  |  |  |  |  | FBC CH 6        |        |  |
| RESISTANCE REQUIRED BY FBC TYPE TABLE 601  |  |                          |  |  |  |  |  |  |                 |        |  |
| CONSTRUCTION TYPE : V-B  |  |                          |  |  |  |  |  |  |                 |        |  |
|  |  |                          | RESISTANCE REQUIRED  |  | RESISTANCE PROVIDED  |  |  |  |                 |        |  |
|  |  |                          |  |  | RATING   |  | ACHIEVED BY  |  |                 |        |  |
| BUILDING ELEMENT - STRUCTURAL  |  |                          |  |  |  |  |  |  |                 |        |  |
| PRIMARY STRUCTURAL FRAME (PER CH 2 WITH RATING NOT LESS THAN CH 7)   |  |                          |  |  |  |  |  |  |                 |        |  |
| COLUMNS  |  |                          | 0 HR   |  | 0 HR   |  | -  |  |                 |        |  |
| STRUCTURAL MEMBERS HAVING DIRECT CONNECTION TO COLUMNS - BEAMS, GIRDERS, TRUSSES, AND SPANDRELS  |  |                          |  |  |  |  |  |  |                 |        |  |
| BEARING WALLS  |  |                          | 0 HR   |  | 0 HR   |  | -  |  |                 |        |  |
| EXTERIOR WALLS (RATING NOT LESS THAN CH 6 OR CH 7)   |  |                          | 0 HR   |  | 0 HR   |  | -  |  |                 |        |  |
| INTERIOR WALLS   |  |                          | 0 HR   |  | 0 HR   |  | -  |  |                 |        |  |
| NON BEARING WALLS AND PARTITIONS   |  |                          |  |  |  |  |  |  |                 |        |  |
| EXTERIOR WALLS (BASED ON FIRE SEPARATION DISTANCE PER CH 6)  |  |                          | 0 HR   |  | 0 HR   |  | -  |  |                 |        |  |
| NON BEARING WALLS AND PARTITIONS   |  |                          |  |  |  |  |  |  |                 |        |  |
| INTERIOR WALLS (RATING NOT LESS THAN REQUIRED BY SECTIONS OTHER THAN SECTION 6)  |  |                          | 0 HR   |  | 0 HR   |  | -  |  |                 |        |  |
| FLOOR CONSTRUCTION AND SECONDARY MEMBERS (PER CH 2)  |  |                          |  |  |  |  |  |  |                 |        |  |
| FLOOR CONSTRUCTION HAVING DIRECT CONNECTIONS TO THE COLUMNS  |  |                          | 0 HR   |  | 0 HR   |  | -  |  |                 |        |  |
| FIRE RESISTANCE - WALLS & PARTITIONS   |  |                          |  |  |  |  |  |  | FBC CH 7        |        |  |
| WALLS AND PARTITIONS   |  |                          | FBC TBL. 708.1   |  | OPENING PROTECTION   |  | RESISTANCE PROVIDED  |  |                 |        |  |
|  |  |                          | 1 HR   |  | 1 HR   |  | 1 HR   |  | UL # 90S/ #W497 |        |  |
| FIRE PARTITIONS  |  |                          |  |  |  |  |  |  |                 |        |  |
| MEANS OF EGRESS  |  |                          |  |  |  |  |  |  |                 |        |  |
| MAXIMUM ALLOWABLE  |  |                          | RESIDENTIAL R-2  |  |  |  |  |  |                 |        |  |
| TRAVEL DISTANCE TO EXIT  |  |                          | 125 FT EQUIPPED W/ SPRINKLER SYSTEM  |  |  |  |  |  |                 |        |  |
| COMMON PATH OF TRAVEL  |  |                          | N/A  |  |  |  |  |  |                 |        |  |
| DEAD END LENGTH  |  |                          | N/A  |  |  |  |  |  |                 |        |  |
| EGRESS OCCUPANTS (DESIGN LOAD)   |  |                          | OCCUPANCY  |  | AREA   |  | OCCUPANT LOAD  |  | SQ.FT.          | LOAD   |  |
|  |  |                          | RESIDENTIAL R-2  |  | (1) BED UNIT   |  | 200 GROSS  |  | 770 SF          | 4 OCC  |  |
|  |  |                          | RESIDENTIAL R-2  |  | (2) BED UNIT   |  | 200 GROSS  |  | 969 SF          | 5 OCC  |  |
|  |  |                          | RESIDENTIAL R-2  |  | (3) BED UNIT   |  | 200 GROSS  |  | 1,079 SF        | 6 OCC  |  |
| MAXIMUM ALLOWABLE  |  |                          | BUSINESS B; ASSEMBLY A-2;A-3   |  |  |  |  |  |                 |        |  |
| TRAVEL DISTANCE TO EXIT  |  |                          | 250 FT EQUIPPED W/ SPRINKLER SYSTEM  |  |  |  |  |  |                 |        |  |
| COMMON PATH OF TRAVEL  |  |                          | 31 FEET  |  |  |  |  |  |                 |        |  |
| DEAD END LENGTH  |  |                          | N/A  |  |  |  |  |  |                 |        |  |
| EGRESS OCCUPANTS (DESIGN LOAD)   |  |                          | OCCUPANCY  |  | AREA   |  | OCCUPANT LOAD  |  | SQ.FT.          | LOAD   |  |
|  |  |                          | BUSINESS B   |  | OFFICES  |  | 150 GROSS  |  | 670 SF          | 5 OCC  |  |
|  |  |                          | ASSEMBLY A-2   |  | GATHERING RM   |  | 15 GROSS   |  | 404 SF          | 27 OCC |  |
|  |  |                          | ASSEMBLY A-3   |  | FITNESS  |  | 50 GROSS   |  | 318 SF          | 7 OCC  |  |
|  |  |                          | TOTAL OCCUPANT LOAD FOR CLUBHOUSE BDG.   |  |  |  |  |  |                 | 39 OCC |  |
| STAIRWAY WIDTH   |  |                          | N/A  |  |  |  | N/A  |  |                 |        |  |
| MAXIMUM ALLOWABLE  |  |                          | RESIDENTIAL R-2  |  |  |  |  |  |                 |        |  |
| EGRESS WIDTH   |  |                          | REQUIRED: 0.2' PER OCCUPANT X 6 OCCUPANTS = 1.2'   |  |  |  | PROVIDED: 36" WITHIN DWELLING  |  |                 |        |  |
| MAXIMUM ALLOWABLE  |  |                          | BUSINESS B; ASSEMBLY A-2;A-3   |  |  |  |  |  |                 |        |  |
| EGRESS WIDTH   |  |                          | REQUIRED: 0.2' PER OCCUPANT X 39 OCCUPANTS = 7.8'  |  |  |  | PROVIDED: 144" (2) EXITS PROVIDED; DOOR CLEARANCE = 6'-0" X (2) = 12'-0" |  |                 |        |  |





## GENERAL NOTES

1. AREA SHOWN IS GROSS SQUARE FOOTAGE, BUT DOES NOT INCLUDE OVERHANGS
2. PROVIDE FIRE EXTINGUISHERS PER NFPA 10 AS REQUIRED
3. ENTIRE PROJECT IS PROTECTED WITH A AUTOMATIC FIRE PROTECTION SYSTEM , FINAL SPRINKLER DESIGN AND INSTALLATION BY FIRE SPRINKLER CONTRACTOR.
4. EVERY EXIT DOOR SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. SPECIAL LOCKING DEVICES SHALL BE OF AN APPROVED TYPE. ALL DOORS SHALL HAVE APPROVED LEVER HANDLES.
5. AUTOMATIC SPRINKLER SYSTEMS SHALL BE SUPERVISED BY AN APPROVED CENTRAL, PROPRIETARY OR REMOTE STATION SERVICE, OR A LOCAL ALARM WHICH WILL GIVE AN AUDIBLE SIGNAL AT A CONSTANTLY ATTENDED LOCATION.
6. FURNITURE SHOWN ON PLANS IS FOR REFERENCE ONLY.

## LIFE SAFETY PLAN LEGEND

- NON-RATED PARTITION
- 0 HR SMOKE PARTITION
- 1 HR RATED PARTITION
- 2 HR RATED PARTITION / FIRE BARRIER
- 3 HR RATED PARTITION
- UNDER COUNTER FIRE EXTINGUISHER
- FIRE EXTINGUISHER CABINET
- EXIT SIGN
- Length < max allow
- PATH OF TRAVEL
- CLEAR EXIT WIDTH IN INCHES
- KNBX
- KNBX BOX LOCATION (CONFIRM WITH LOCAL "AHJ" (FIRE MARSHALL))
- ACCESSIBLE PATH

## OCCUPANCY TYPES

- OCCUPANCY GROUP R-2 AREA (1) BED UNIT TYPE
- OCCUPANCY GROUP R-2 AREA (2) BED UNIT TYPE
- OCCUPANCY GROUP R-2 AREA (3) BED UNIT TYPE
- OCCUPANCY GROUP B AREA CLUBHOUSE
- OCCUPANCY GROUP A-2 AREA CLUBHOUSE
- OCCUPANCY GROUP A-3 AREA CLUBHOUSE

## LIFE SAFETY PLAN

## MAGNOLIA OAKS

7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

## ISSUE DATE

100% CONSTRUCTION DOCS SET 06/28/2022  
INTERVIEW REVIEW 07/27/2022

201 North Franklin Street Suite 250  
Tampa, FL 33602  
T 813.678.2420  
GMCNETWORK.COM

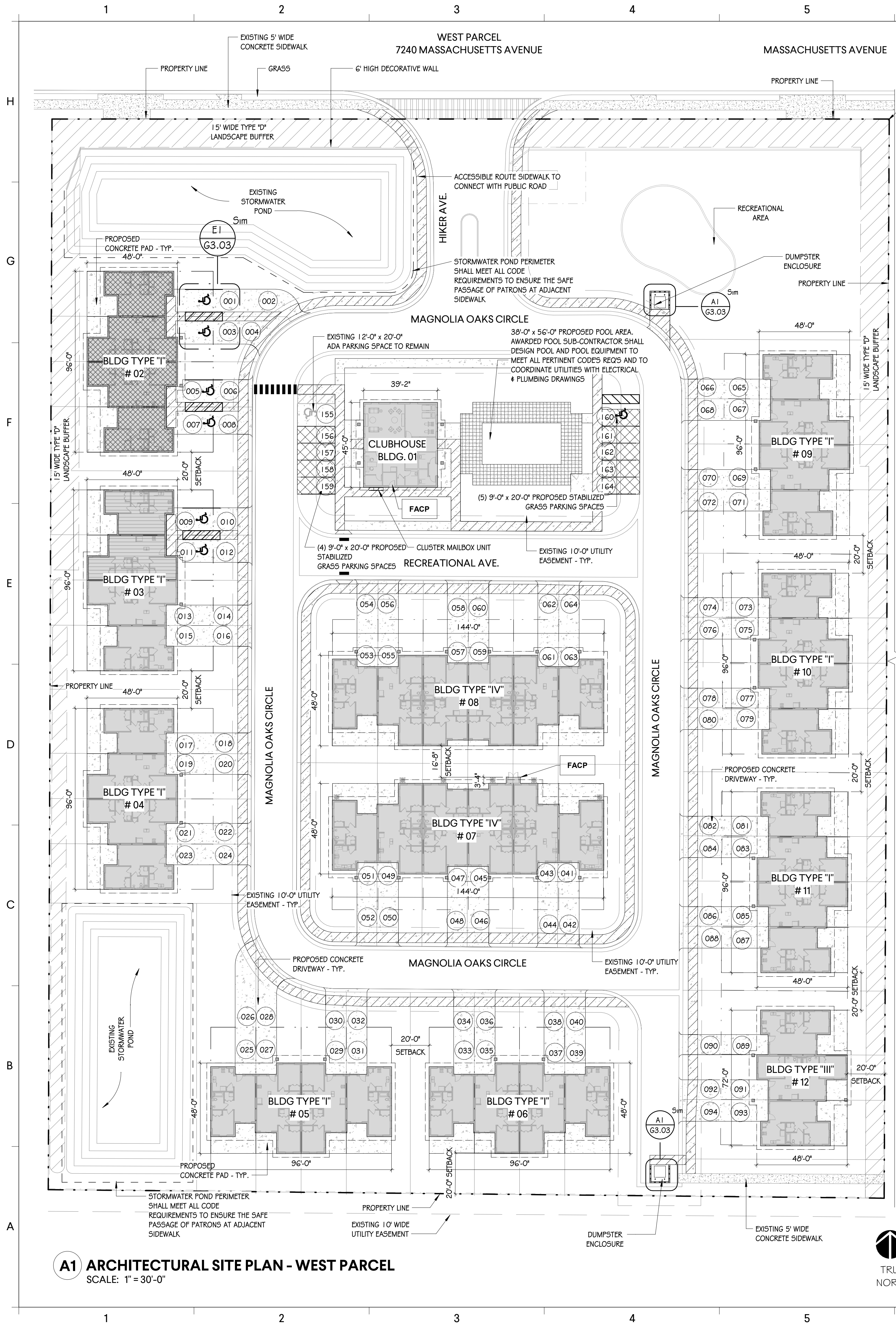
DRAWN BY: GMC  
CHECKED BY: GMC

BID SET 8-12-2022



G2.02





**A1 ARCHITECTURAL SITE PLAN - WEST PARCEL**  
SCALE: 1" = 30'-0"



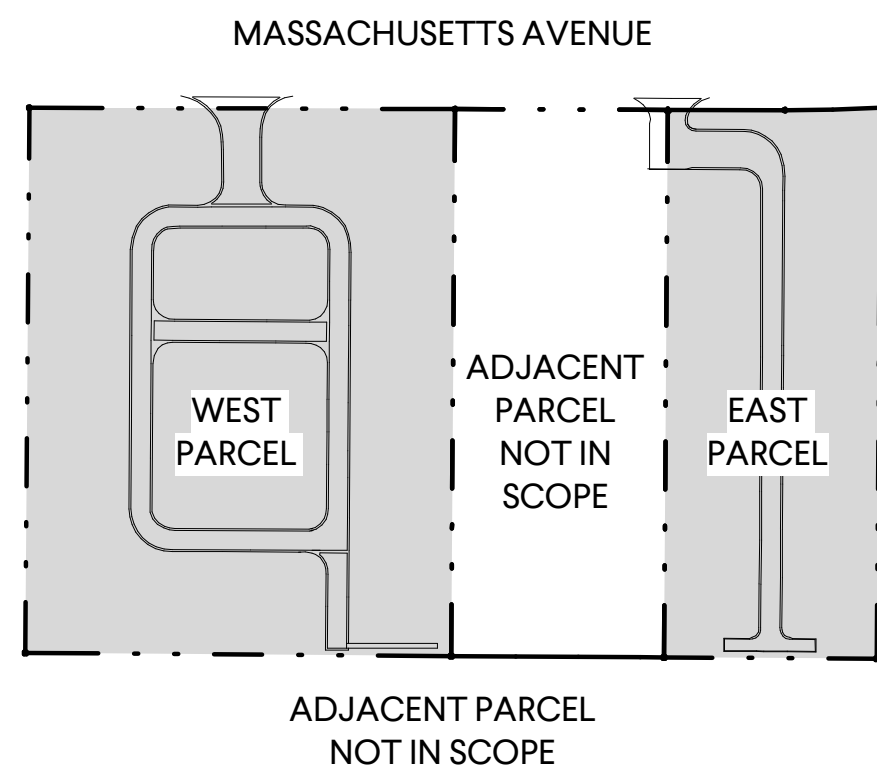
**A6 ARCHITECTURAL SITE PLAN - EAST PARCEL**  
SCALE: 1" = 20'-0"

9

10

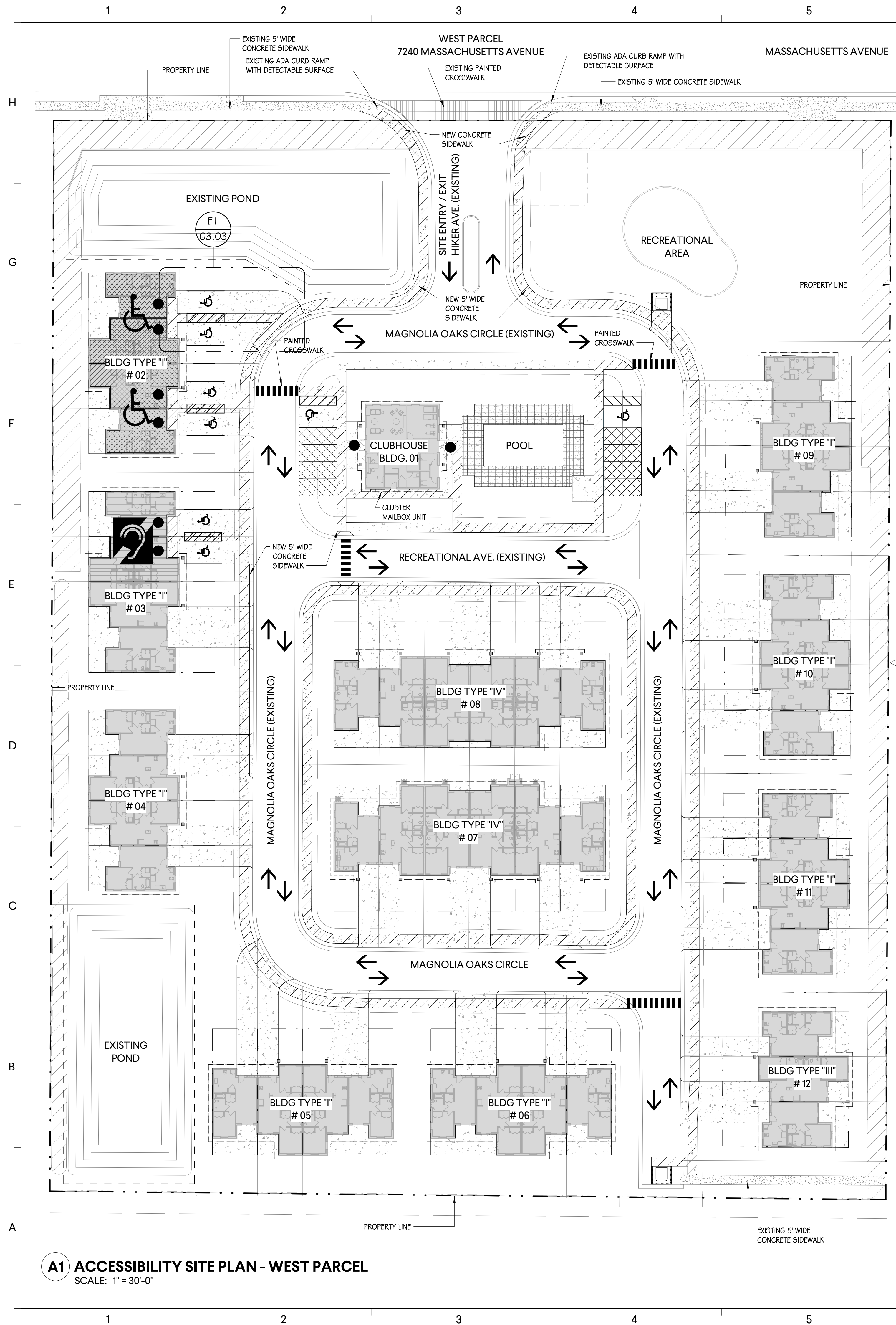
| PROJECT INFORMATION   |          |              |            |                |               |   |                    |                     |                    |
|---|----------|--------------|------------|----------------|---------------|---|--------------------|---------------------|--------------------|
| 7240 & 7338 MASSACHUSETTS AVENUE<br>NEW PORT RICHEY, FL 34553   |          |              |            |                |               |   |                    |                     |                    |
| SITE DEVELOPMENT DATA   |          |              |            |                |               |   |                    |                     |                    |
| EXISTING ZONING<br>FUTURE LAND USE DESTINATION<br>MAXIMUM BUILDING HEIGHT<br>MAXIMUM BUILDING STORIES<br>NO. OF STORIES |          |              |            |                |               | P.U.D.<br>RES-9<br>45'-0"<br>(2) STORY<br>(1) STORY   |                    |                     |                    |
| SETBACKS  |          |              |            |                |               | PROVIDED  |                    |                     |                    |
| NORTH<br>EAST<br>WEST<br>SOUTH  |          |              |            |                |               | 20 FEET<br>20 FEET<br>20 FEET<br>20 FEET              |                    |                     |                    |
| PROPOSED USE  |          |              |            |                |               | (17) RESIDENTIAL BUILDINGS/<br>(1) COMMUNITY BUILDING |                    |                     |                    |
| RESIDENTIAL BUILDING TYPE AND LIVING UNIT MIX   |          |              |            |                |               |   |                    |                     |                    |
| UNIT TYPES  | COUNT    | MIX %        | NET S.F.   | GROSS S.F.     | TOTAL         | BOLG. #1<br>TYPE I                                    | BOLG. 2<br>TYPE II | BOLG. 2<br>TYPE III | BOLG. 2<br>TYPE IV |
| ONE BEDROOM   | 34       | 44%          | 643 N.S.F. | 770 G.S.F.     | 26,180 G.S.F. | 16  | 12                 | 2                   | 4                  |
| TWO BEDROOM   | 33       | 43%          | 823 N.S.F. | 969 G.S.F.     | 31,977 G.S.F. | 16  | 12                 | 1                   | 4                  |
| THREE BEDROOM   | 10       | 13%          | 923 N.S.F. | 1,079 G.S.F.   | 10,790 G.S.F. |   | 6                  |                     | 4                  |
| TOTAL   | 77 UNITS | 100%         |            |                | 68,947 G.S.F. | 32  | 30                 | 3                   | 12                 |
| RESIDENTIAL BUILDING TYPE SUMMARY   |          |              |            |                |               |   |                    |                     |                    |
| BLDG. TYPES   |          | COUNT        |            | GROSS S.F.     |               | TOTALS  |                    |                     |                    |
| TYPE I  |          | 8 BLDG. TYPE |            | 3,476 G.S.F.   |               | 27,808 G.S.F.   |                    |                     |                    |
| TYPE II   |          | 6 BLDG. TYPE |            | 4,555 G.S.F.   |               | 27,330 G.S.F.   |                    |                     |                    |
| TYPE III  |          | 1 BLDG. TYPE |            | 2,515 G.S.F.   |               | 2,515 G.S.F.  |                    |                     |                    |
| TYPE IV   |          | 2 BLDG. TYPE |            | 5,629 G.S.F.   |               | 11,258 G.S.F.   |                    |                     |                    |
| CLUBHOUSE   |          | 1 BLDG. TYPE |            | 1,737 G.S.F.   |               | 1,737 G.S.F.  |                    |                     |                    |
| PROJECT TOTAL   |          |              |            |                |               | 70,648 G.S.F.   |                    |                     |                    |
| ACCESSIBLE UNITS  |          |              | REQUIRED   | PROVIDED       | UNIT NUMBER   |   |                    |                     |                    |
| REQUIRED 5% OF TOTAL  |          |              |            |                |               |   |                    |                     |                    |
| 77 x 5% = 3.85  |          |              | 4 UNITS    | 4 UNITS        |               |   |                    |                     |                    |
| PROVIDED @ BUILDING #02   |          |              |            | (2) 1-BD UNITS | SEE G3.01     |   |                    |                     |                    |
| PROVIDED @ BUILDING #02   |          |              |            | (2) 2-BD UNITS | SEE G3.01     |   |                    |                     |                    |
| AUDI/VISUAL UNITS   |          |              | REQUIRED   | PROVIDED       | UNIT NUMBER   |   |                    |                     |                    |
| REQUIRED 2% OF TOTAL  |          |              |            |                |               |   |                    |                     |                    |
| 77 x 2% = 1.54  |          |              | 2 UNITS    | 2 UNITS        |               |   |                    |                     |                    |
| PROVIDED @ BUILDING #03   |          |              |            | (1) 1-BD UNITS | SEE G3.01     |   |                    |                     |                    |
|   |          |              |            | (1) 2-BD UNITS | SEE G3.01     |   |                    |                     |                    |
| PARKING REQUIREMENTS  |          |              |            |                |               |   |                    |                     |                    |
| (2) DRIVEWAY PARKING SPACE PER (1) UNIT<br>(77) RESIDENTIAL UNITS x (2) = 154 DRIVEWAY PARKING SPACES                   |          |              |            |                |               |   |                    |                     |                    |
| (8) STABILIZED GRASS PARKING SPACE @ CLUBHOUSE<br>(2) ADA PARKING SPACE @ CLUBHOUSE                                     |          |              |            |                |               |   |                    |                     |                    |

| LEGEND                     |  |
|----------------------------|--|
| ACCESSIBLE ADA UNIT        |  |
| AUDIO/VISUAL IMPAIRED UNIT |  |
| FIRE ALARM CONTROL ROOM    |  |

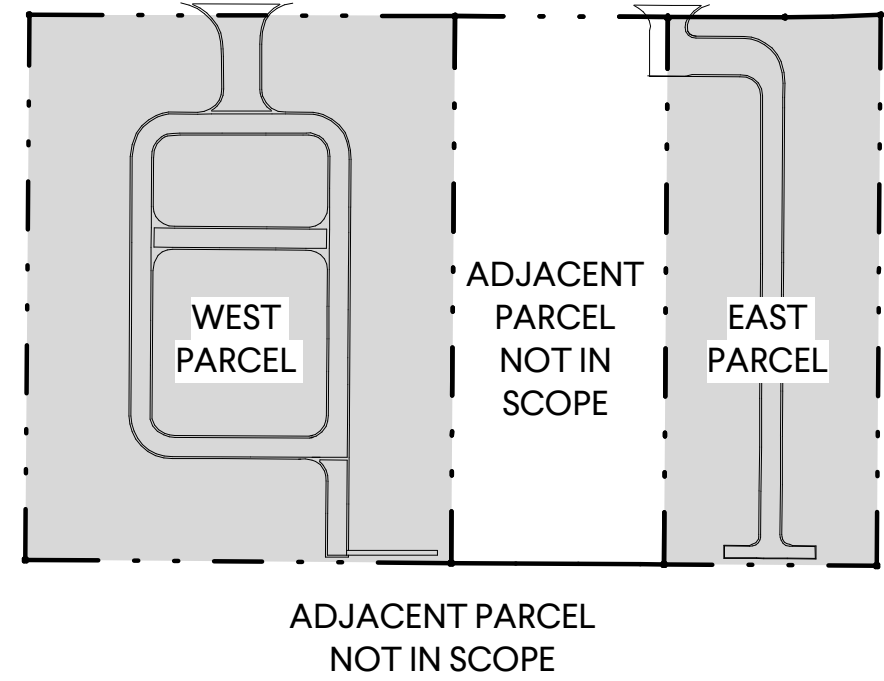


**A9 SITE - KEY PLAN**  
SCALE: 1" = 200'-0"





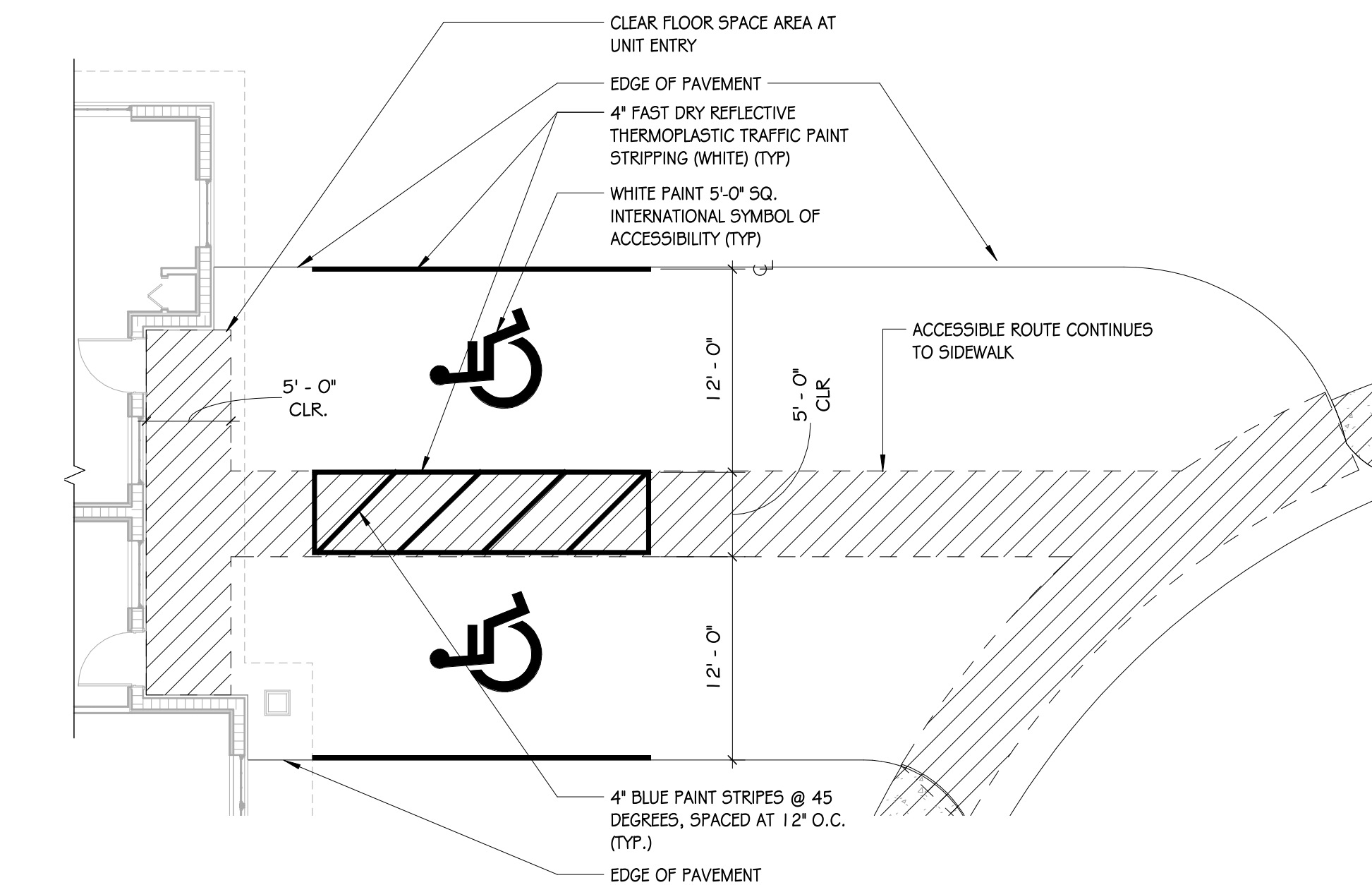
**A9 SITE - KEY PLAN**  
SCALE: 1" = 200'-0"



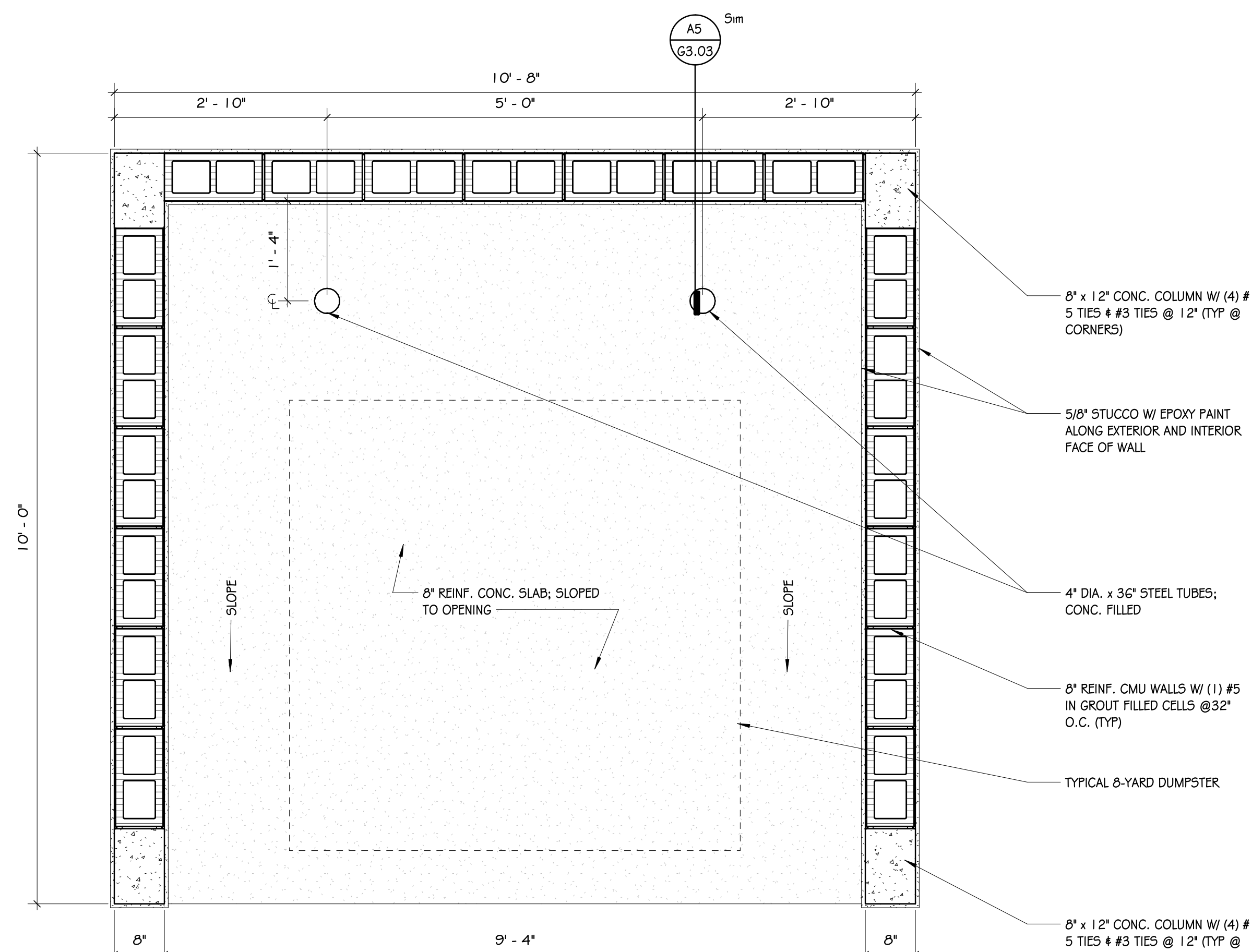
**LEGEND**

|   |  |
|---|--|
| ACCESSIBLE ADA UNIT                           |  |
| AUDIO/VISUAL IMPAIRED UNIT                    |  |
| ACCESSIBLE ROUTE                              |  |
| BUILDING / UNIT ACCESSIBLE ENTRY POINT        |  |
| PAINTED PEDESTRIAN CROSSWALK                  |  |
| DIRECTION OF VEHICULAR TRAFFIC                |  |
| ACCESSIBLE UNIT - MOBILITY IMPAIRED           |  |
| ACCESSIBLE UNIT - AUDIBLY & VISUALLY IMPAIRED |  |

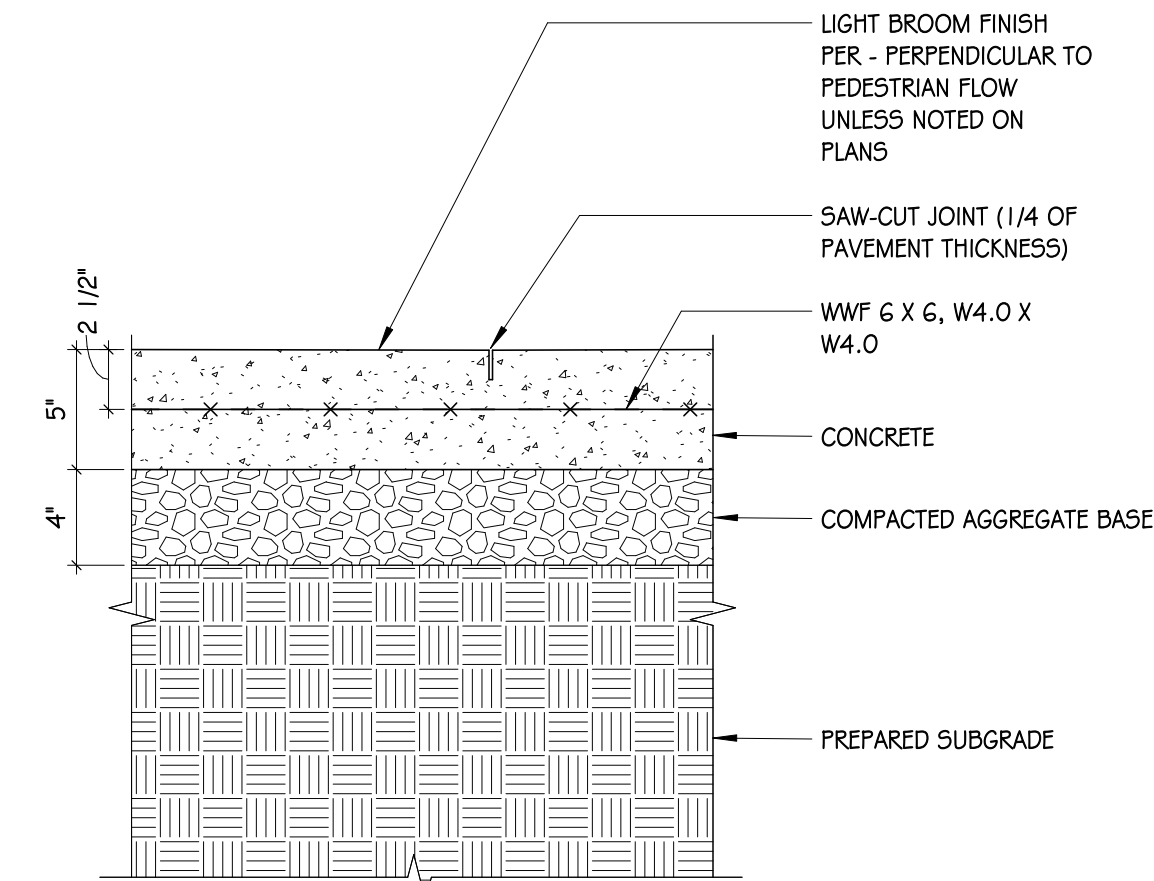




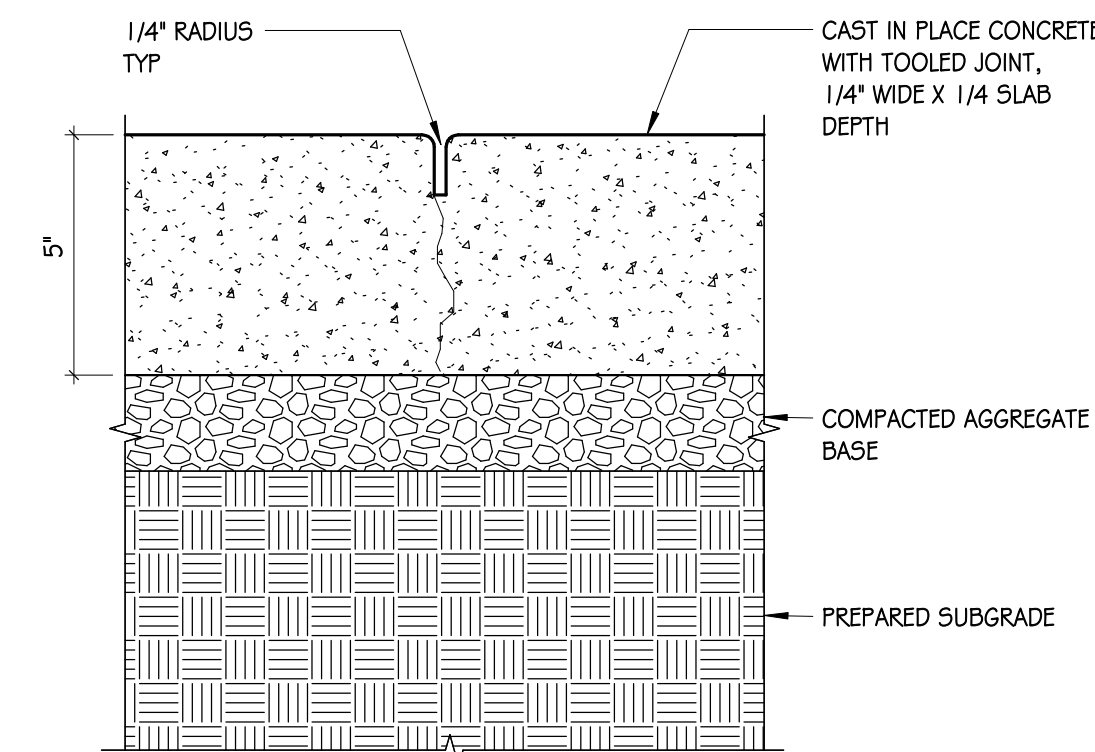
**E1 TYPICAL ACCESSIBLE PARKING LAYOUT**  
SCALE: 1/8" = 1'-0"



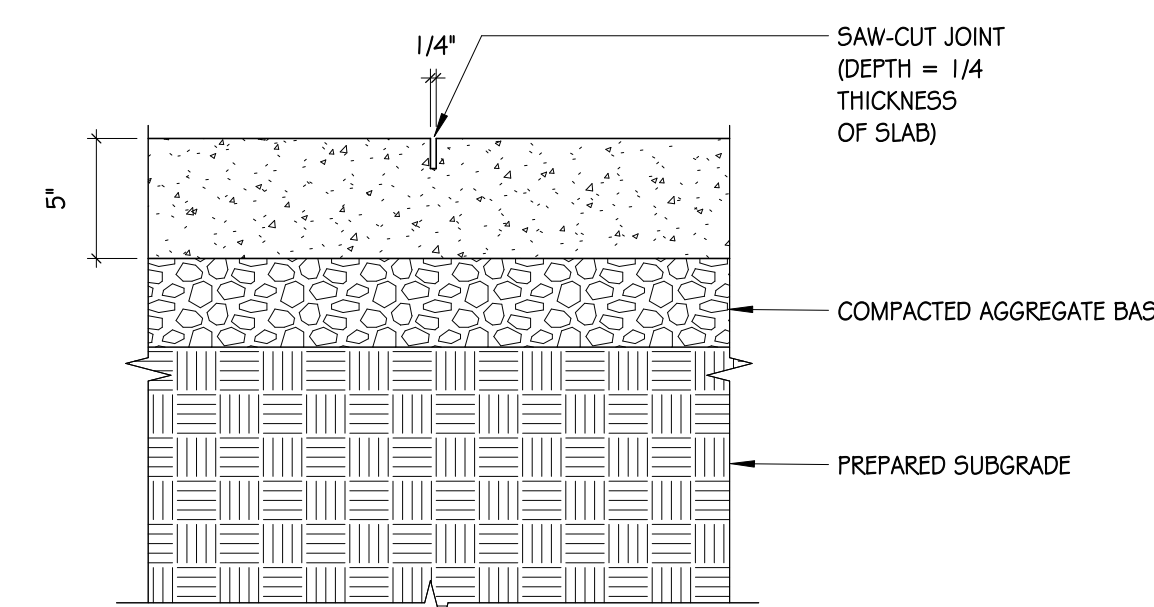
**A1 TYP. TRASH ENCLOSURE PLAN**  
SCALE: 3/4" = 1'-0"



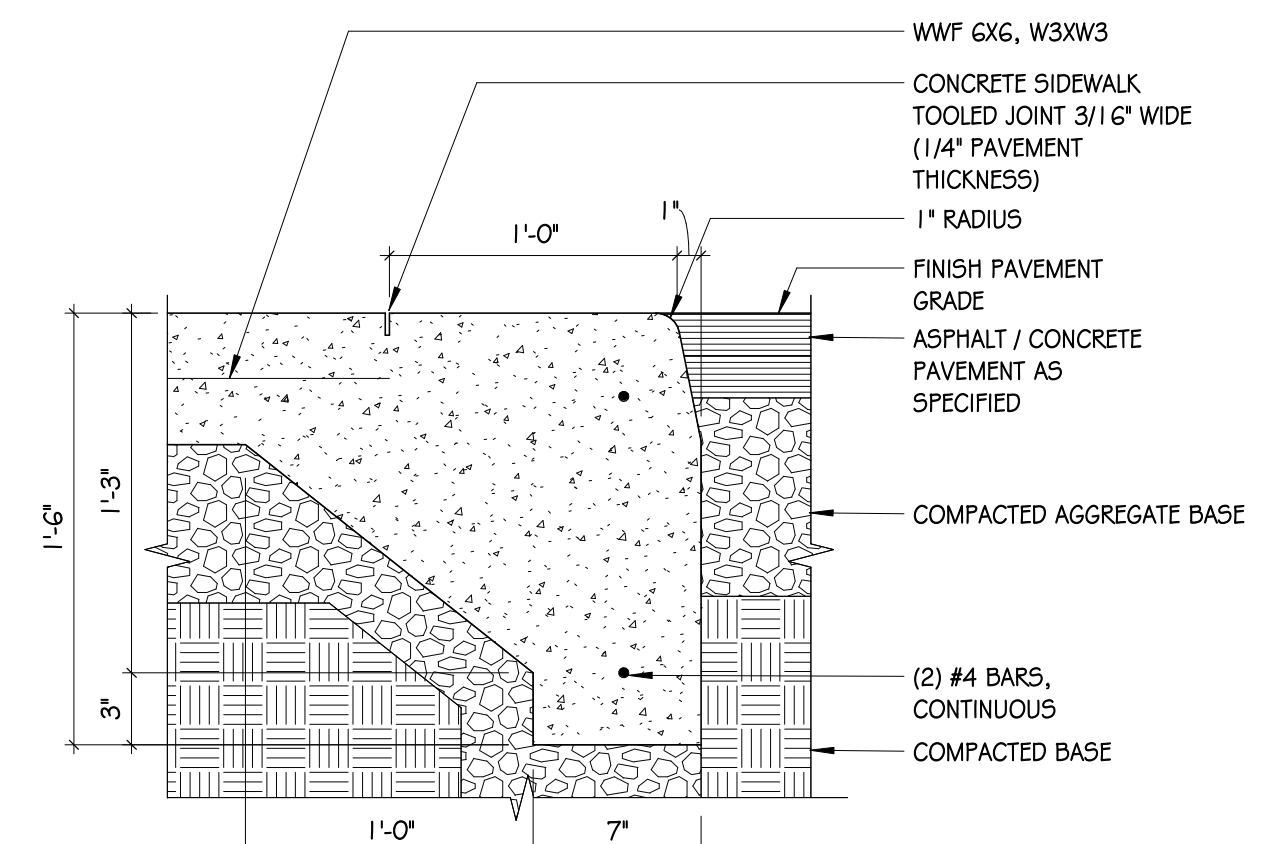
**G6 CONCRETE PAVING - 5" SLAB**  
SCALE: 1 1/2" = 1'-0"



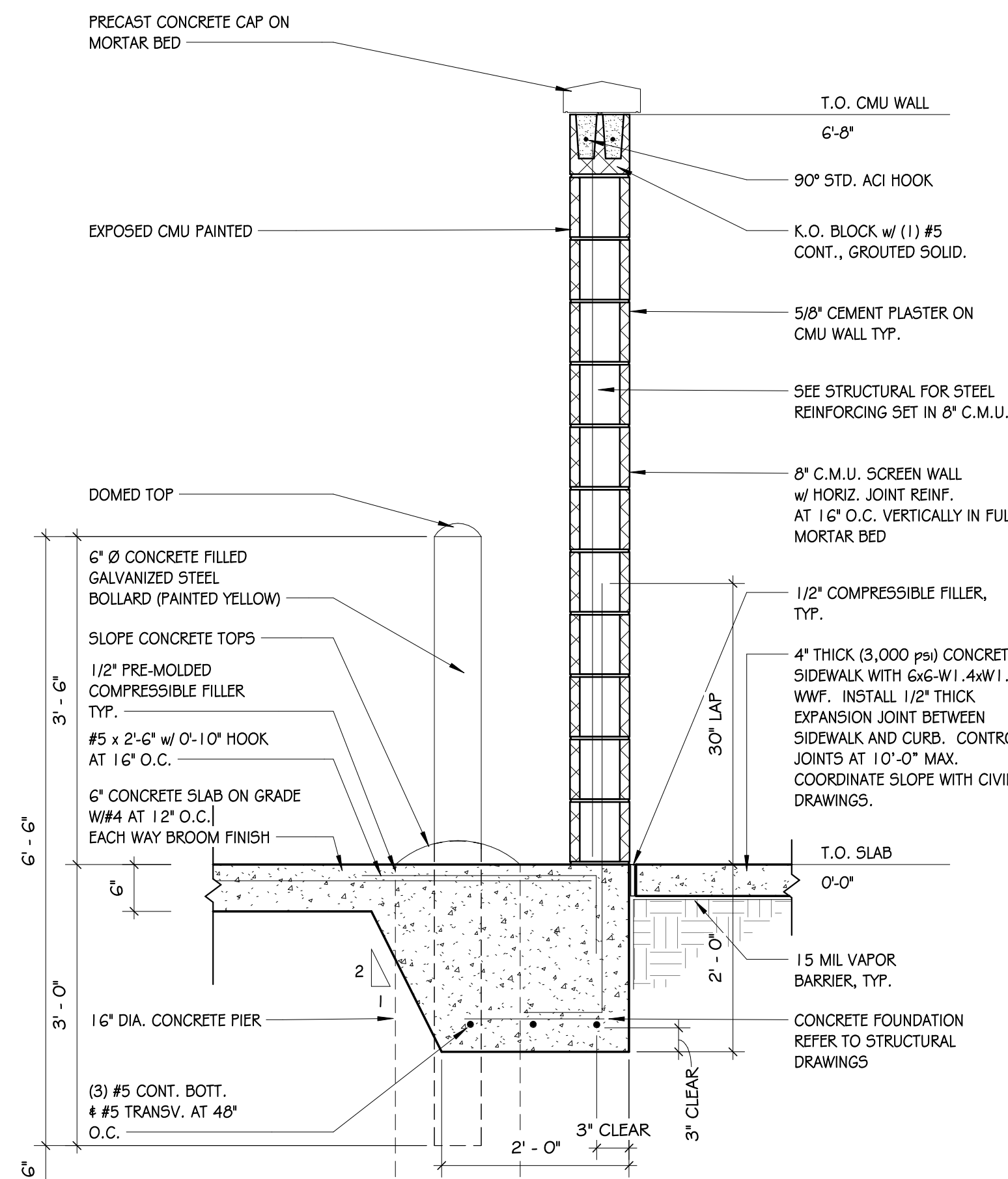
**G8 CONC PAVING - TOOLED CONTRACTION JOINT**  
SCALE: 3" = 1'-0"



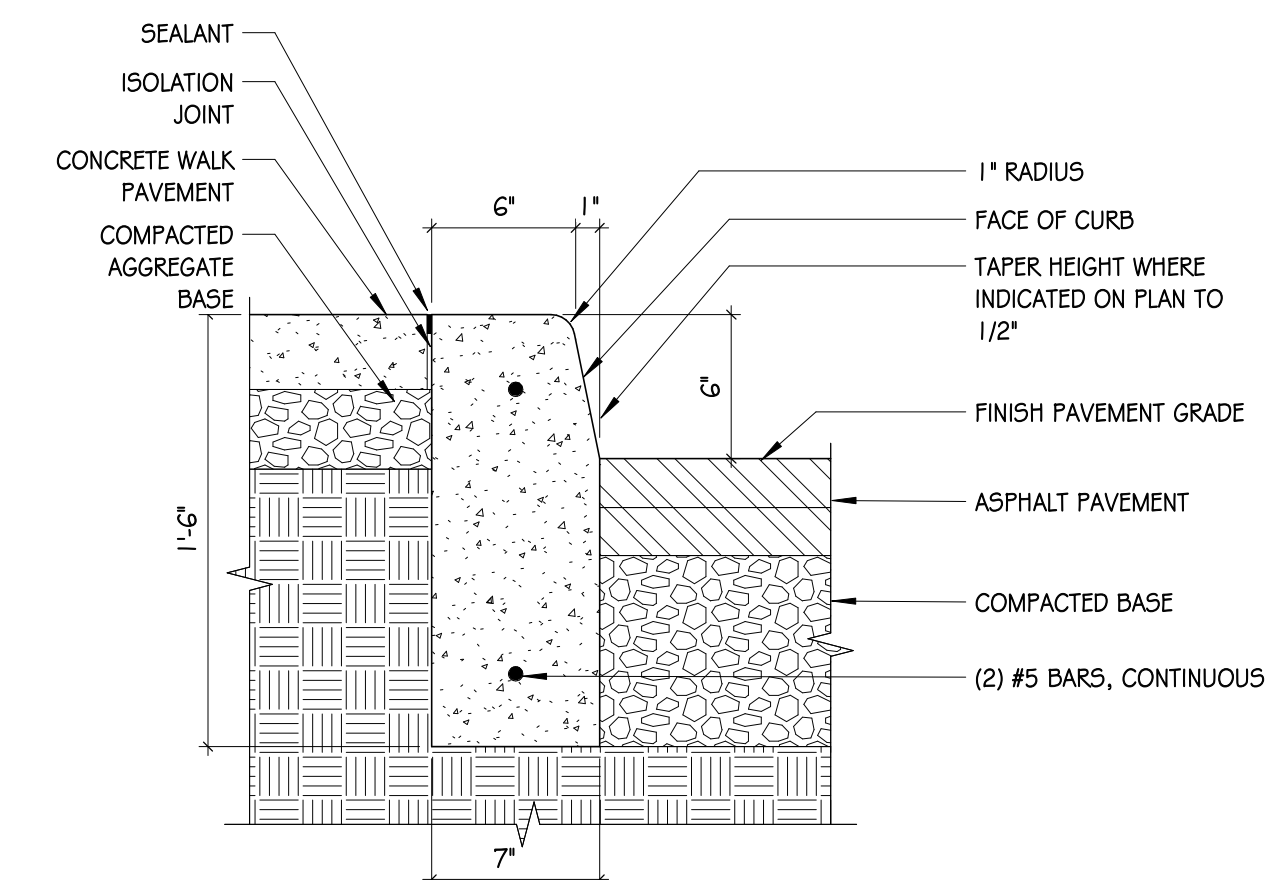
**E6 CONC PAVING - SAWCUT CONTRACTION JOINT**  
SCALE: 1 1/2" = 1'-0"



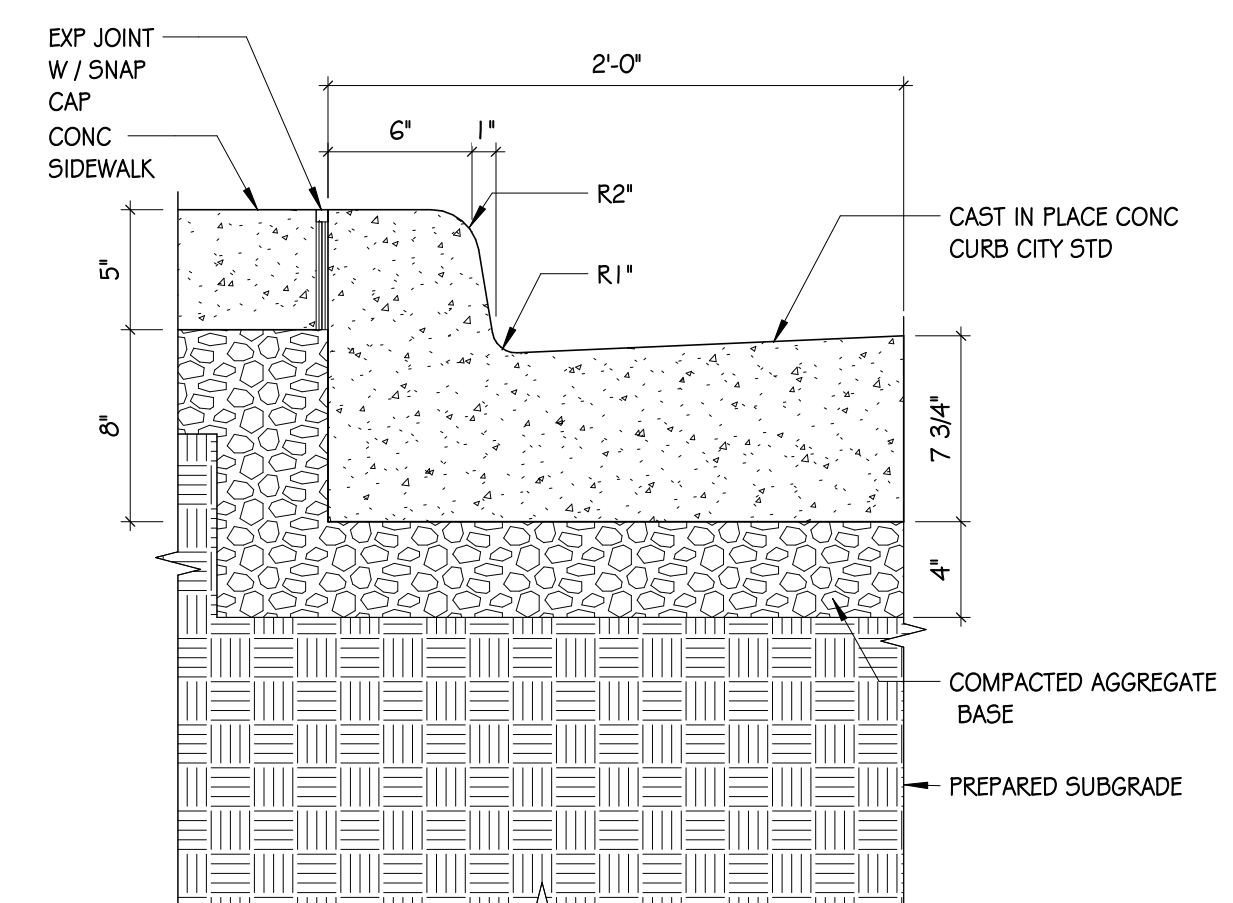
**E8** INTEGRAL CONC CURB, FLUSH CONDITION  
SCALE: NOT TO SCALE



**A5 TYP. WALL SECTION @ TRASH ENCLOSURE**  
SCALE: 3/4" = 1'-0"

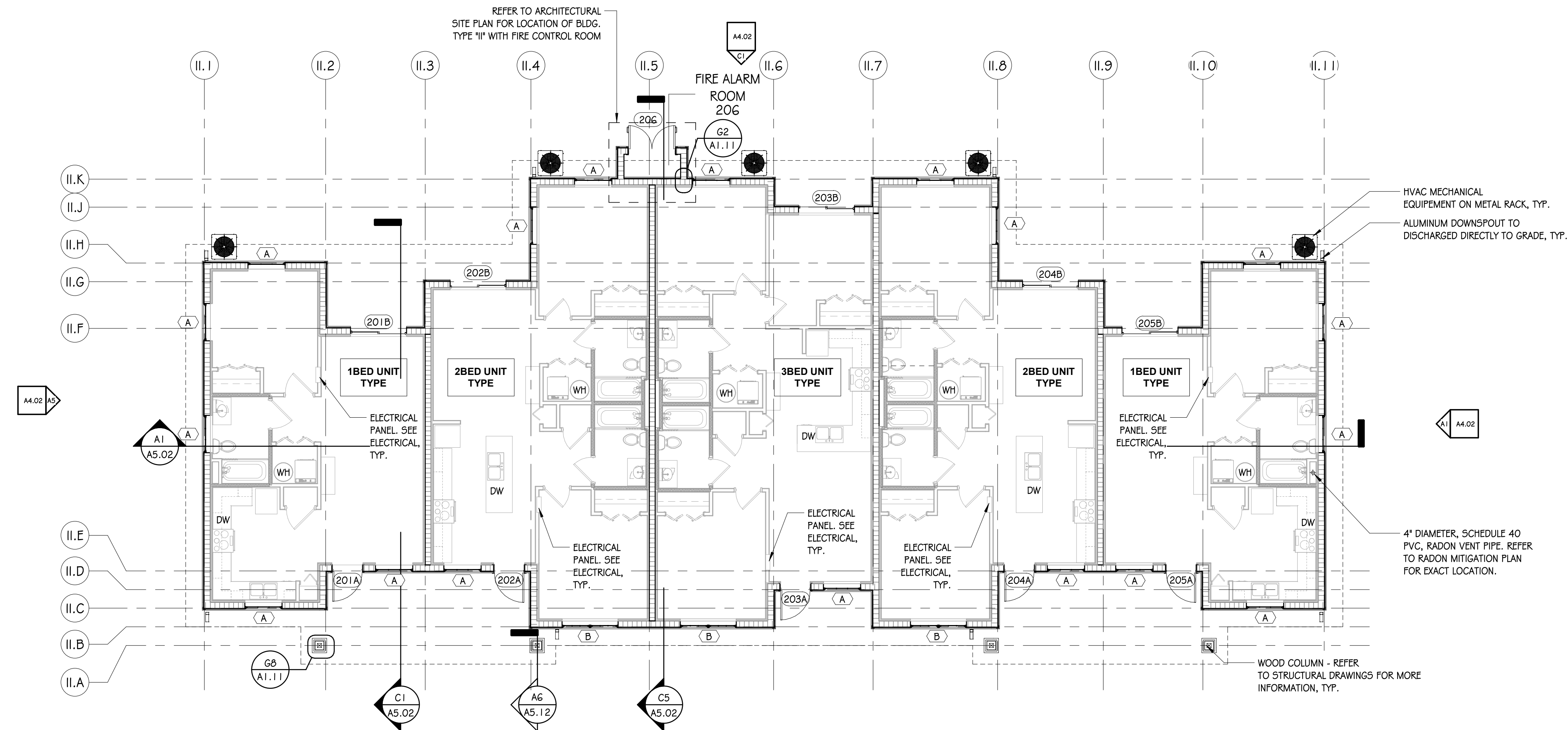


**C8 CONC CURB @ SIDEWALK**  
SCALE: NOT TO SCALE

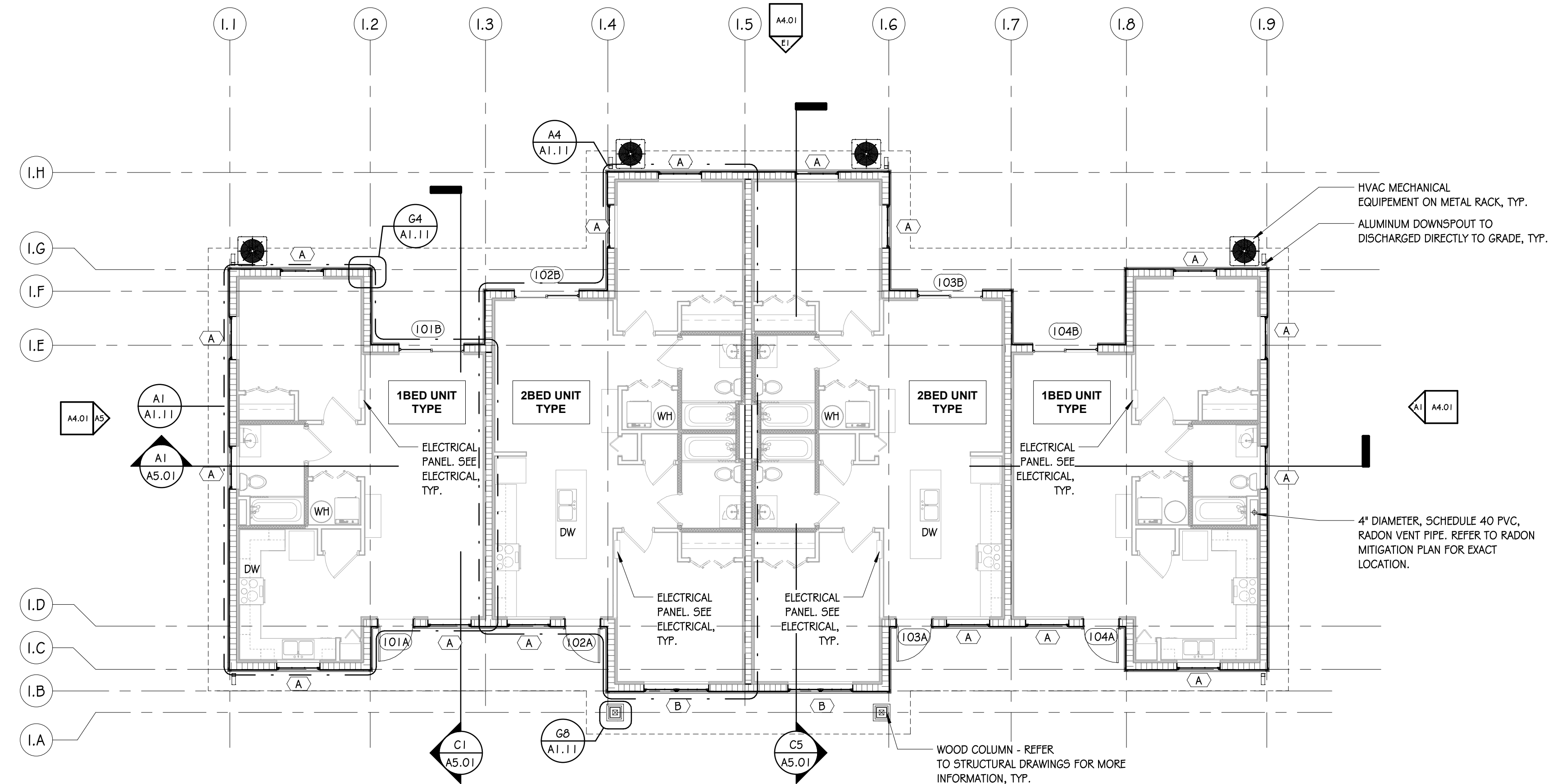


**A8 CONC CURB & GUTTER DET**  
SCALE: 1 1/2" = 1'-0"





**D1 FLOOR PLAN - BUILDING TYPE "II"**  
SCALE: 1/8" = 1'-0"



**A1 FLOOR PLAN - BUILDING TYPE "I"**  
SCALE: 1/8" = 1'-0"

## GENERAL NOTES

1. PROVIDE P.T. BLOCKING FOR GRAB BARS AND TOILET ACCESSORIES IN BATHROOMS.
2. FOR UNIT PLANS, SEE SHEET A.1.11 ENLARGED UNIT PLANS
3. ALL INTERIOR WALL TO BE 3-1/2" WOOD FRAMING, U.O.N.
4. ALL EXTERIOR WALLS TO BE DIMENSIONED TO THE EXTERIOR FACE OF CONCRETE BLOCK OR EXTERIOR FACE OF STUD.
5. PROVIDE 5/8" WATER-RESISTANCE GWB IN LIEU OF TYPICAL GWB AT ALL WET AREAS INCLUDING, BUT NOT LIMITED, BATHROOMS OR SHOWER AREAS
6. ALL SHELVING CONFIGURATION TO BE VINYL COATED WIRE.
7. AT INTERIOR WALLS, PROVIDE BATT INSULATION IN BATHROOM AREAS, REFER TO ENLARGED UNIT PLAN FOR LOCATION
8. PROVIDE 5LB MULTI- FIRE EXTINGUISHER IN KITCHEN SINK CABINET



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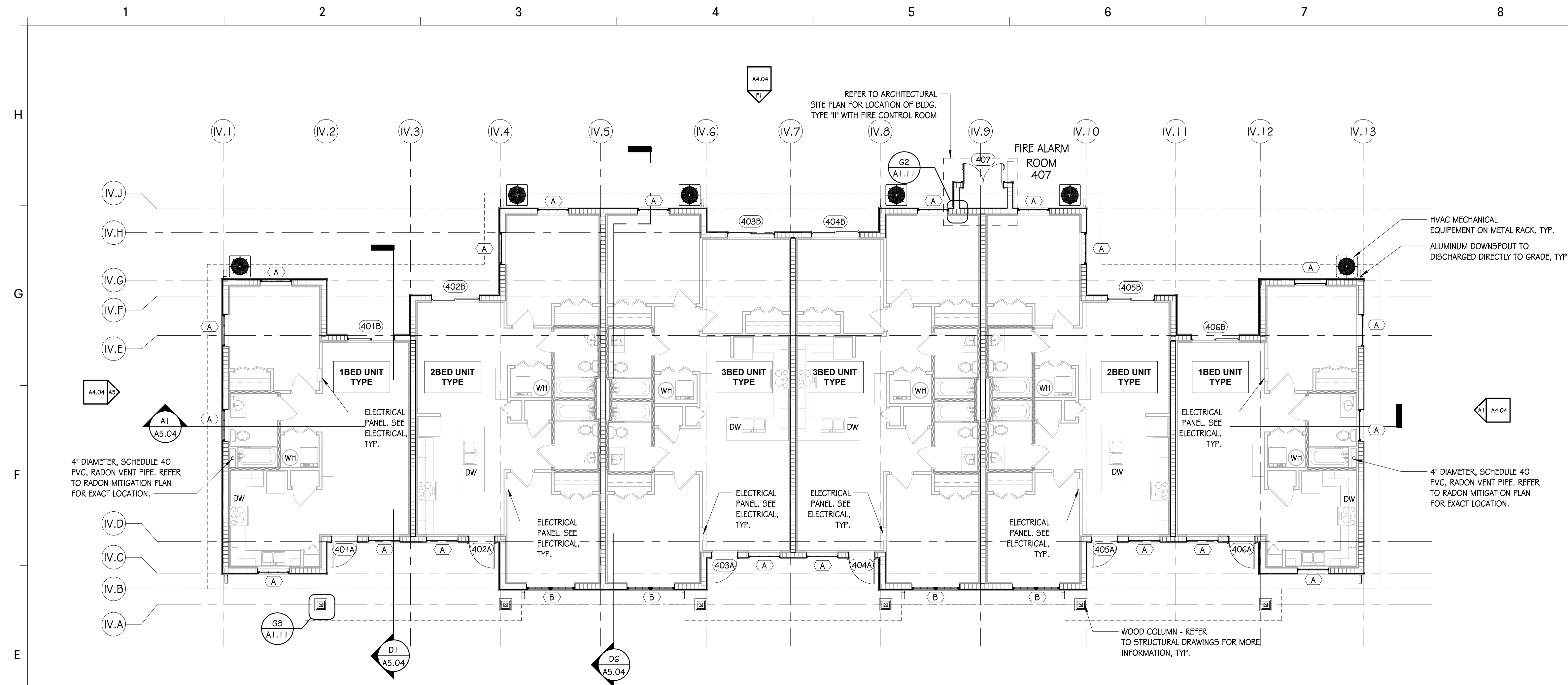
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7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

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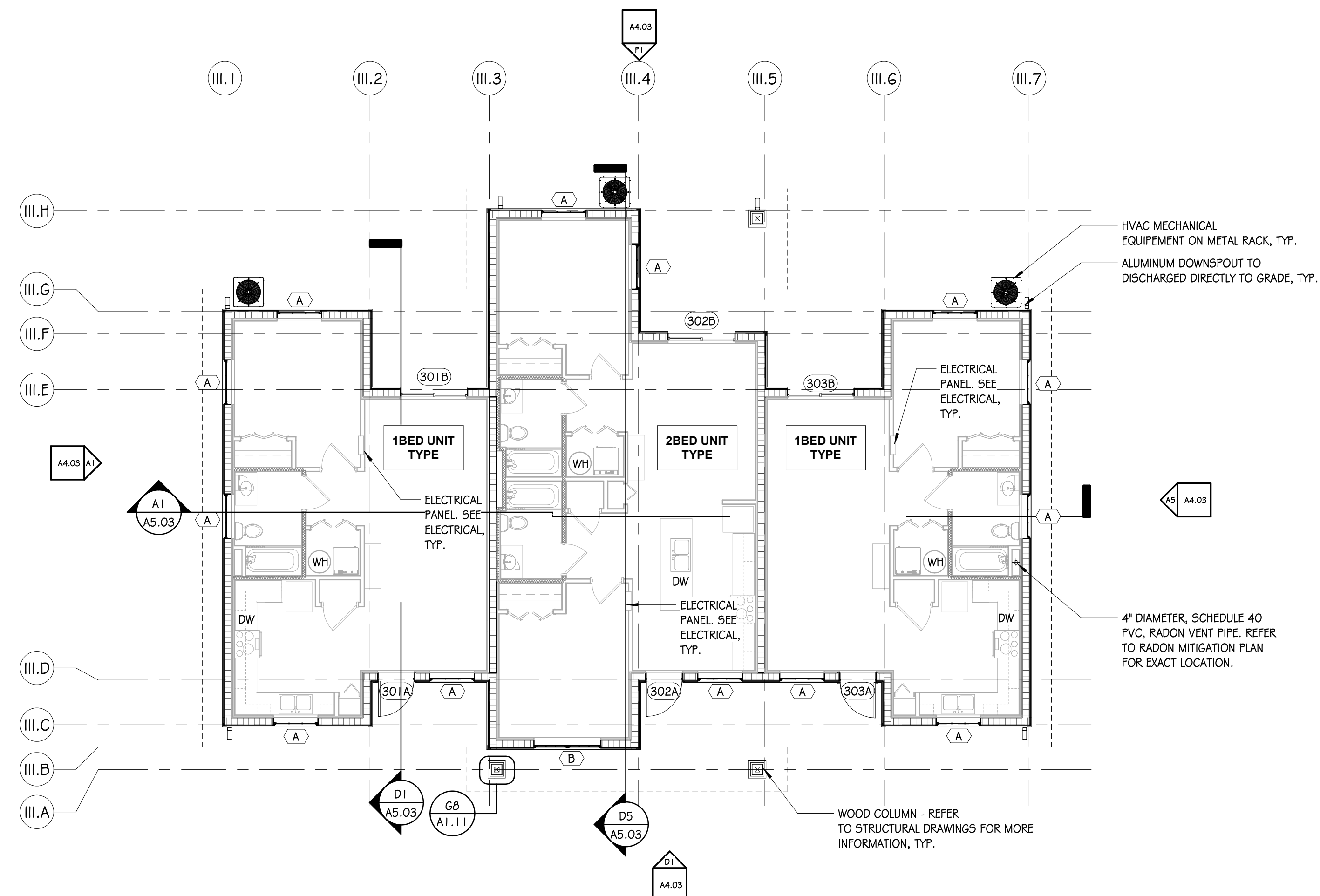
**FLOOR PLAN -  
BLDG. I & II**

# A1.01





**D1 FLOOR PLAN - BUILDING TYPE "IV"**  
SCALE: 1/8" = 1'-0"



**A1 FLOOR PLAN - BUILDING TYPE "III"**  
SCALE: 1/8" = 1'-0"

## GENERAL NOTES

1. PROVIDE P.T. BLOCKING FOR GRAB BARS AND TOILET ACCESSORIES IN BATHROOMS.
2. FOR UNIT PLANS, SEE SHEET A.1.11 ENLARGED UNIT PLANS
3. ALL INTERIOR WALLS TO BE 3-1/2" WOOD FRAMING, U.O.N.
4. ALL EXTERIOR WALLS TO BE DIMENSIONED TO THE EXTERIOR FACE OF CONCRETE BLOCK OR EXTERIOR FACE OF STUD.
5. PROVIDE 5/8" WATER-RESISTANCE GWB IN LIEU OF TYPICAL GWB AT ALL WET AREAS INCLUDING, BUT NOT LIMITED, BATHROOMS OR SHOWER AREAS
6. ALL SHELVING CONFIGURATION TO BE VINYL COATED WIRE.
7. AT INTERIOR WALLS, PROVIDE BATT INSULATION IN BATHROOM AREAS, REFER TO ENLARGED UNIT PLAN FOR LOCATION
8. PROVIDE 5LB MULTI- FIRE EXTINGUISHER IN KITCHEN SINK CABINET



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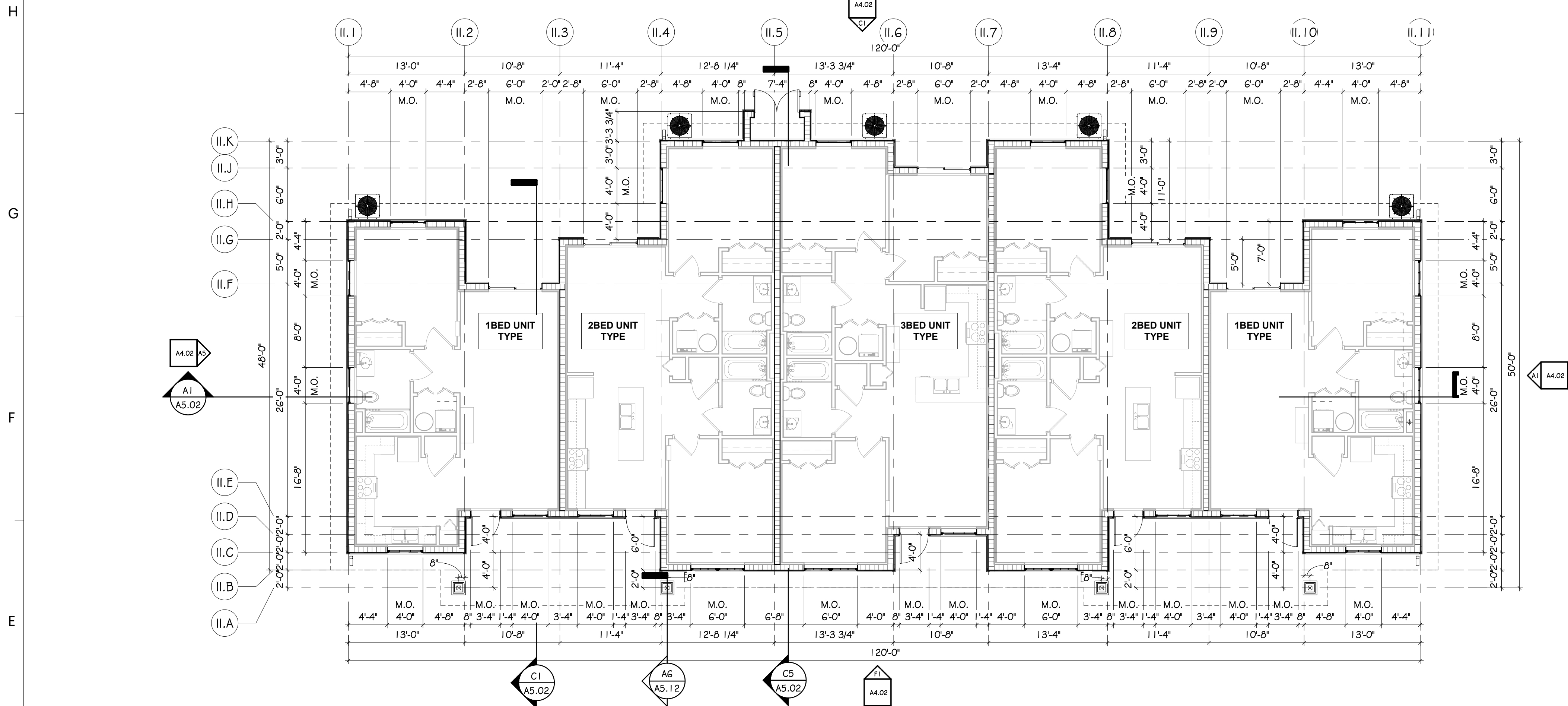
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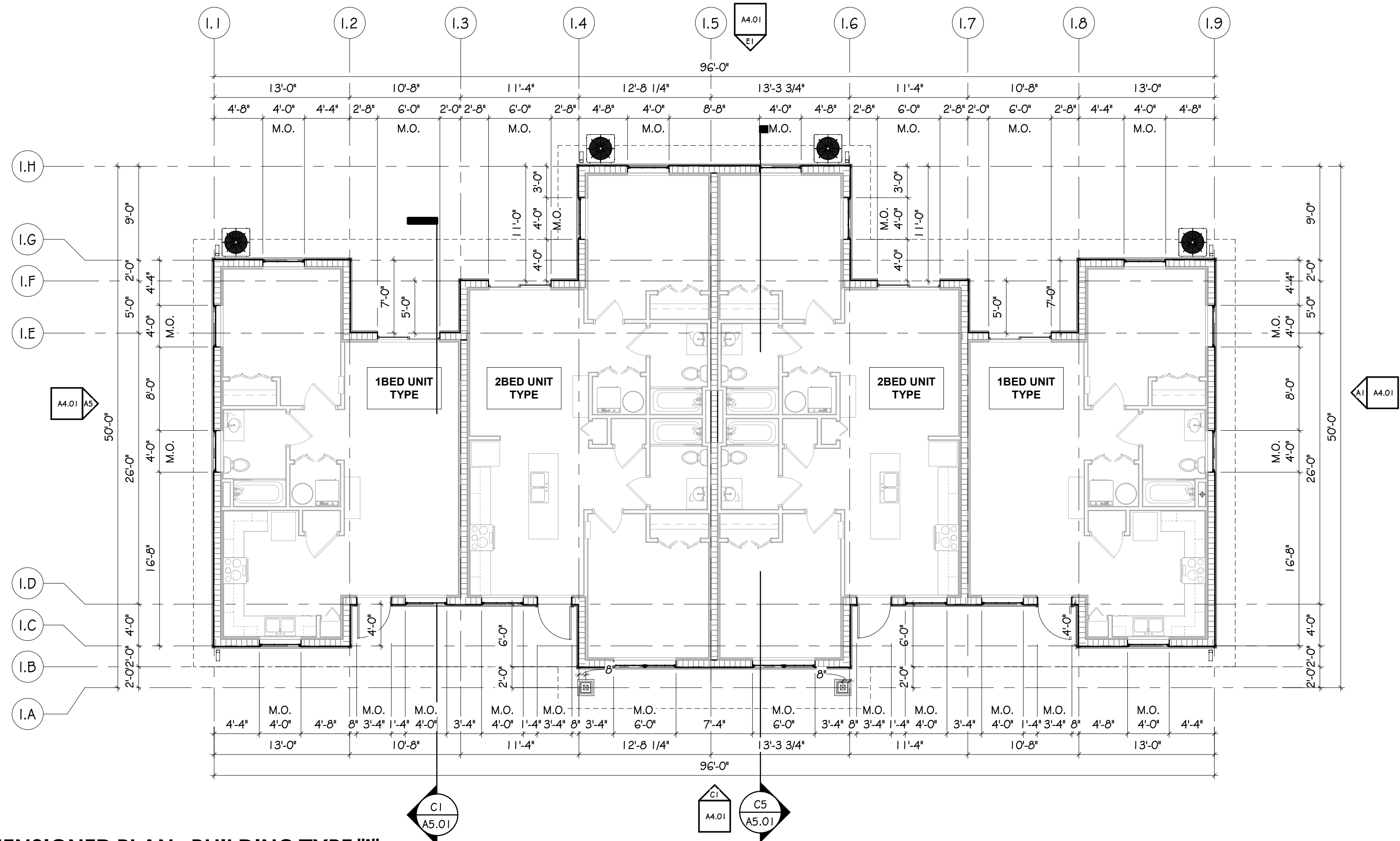
**FLOOR PLAN -  
BLDG. III & IV**

# A1.02





**D1** DIMENSIONED PLAN - BUILDING TYPE "II"  
SCALE: 1/8" = 1'-0"



**A1** DIMENSIONED PLAN - BUILDING TYPE "I"  
SCALE: 1/8" = 1'-0"

## GENERAL NOTES

1. PROVIDE P.T. BLOCKING FOR GRAB BARS AND TOILET ACCESSORIES IN BATHROOMS.
2. FOR UNIT PLANS, SEE SHEET A1.1.1 ENLARGED UNIT PLANS
3. ALL INTERIOR WALL TO BE 3-1/2" WOOD FRAMING, U.O.N.
4. ALL EXTERIOR WALLS TO BE DIMENSIONED TO THE EXTERIOR FACE OF CONCRETE BLOCK OR EXTERIOR FACE OF STUD.
5. PROVIDE 5/8" WATER-RESISTANCE GWB IN LIEU OF TYPICAL GWB AT ALL WET AREAS INCLUDING, BUT NOT LIMITED, BATHROOMS OR SHOWER AREAS
6. ALL SHELVING CONFIGURATION TO BE VYNIL COATED WIRE.
7. AT INTERIOR WALLS, PROVIDE BATT INSULATION IN BATHROOM AREAS, REFER TO ENLARGED UNIT PLAN FOR LOCATION
8. PROVIDE 5LB MULTI- FIRE EXTINGUISHER IN KITCHEN SINK CABINET

MAGNOLIA OAKS

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NEW PORT RICHEY, FLORIDA

DIMENSIONED  
PLAN - BLDG. I & II

A1.03

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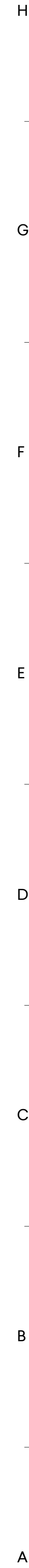
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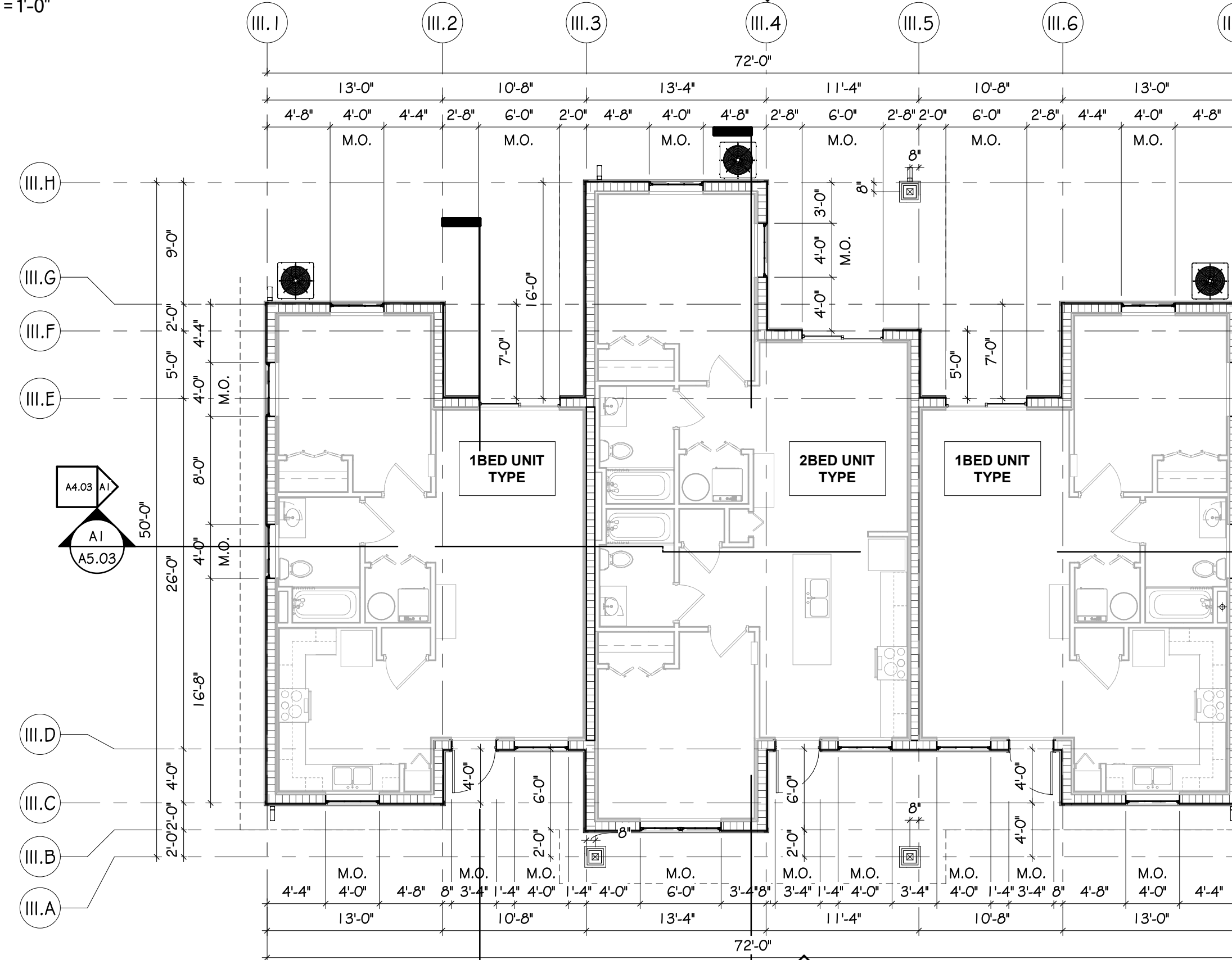
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**A1** DIMENSIONED PLAN - BUILDING TYPE "III"  
SCALE: 1/8" = 1'-0"



## GENERAL NOTES

1. PROVIDE P.T. BLOCKING FOR GRAB BARS AND TOILET ACCESSORIES IN BATHROOMS.
2. FOR UNIT PLANS, SEE SHEET A1.11 ENLARGED UNIT PLANS
3. ALL INTERIOR WALLS TO BE 3-1/2" WOOD FRAMING, U.O.N.
4. ALL EXTERIOR WALLS TO BE DIMENSIONED TO THE EXTERIOR FACE OF CONCRETE BLOCK OR EXTERIOR FACE OF STUD.
5. PROVIDE 5/8" WATER-RESISTANCE GWB IN LIEU OF TYPICAL GWB AT ALL WET AREAS INCLUDING, BUT NOT LIMITED, BATHROOMS OR SHOWER AREAS
6. ALL SHELVING CONFIGURATION TO BE VINYL COATED WIRE.
7. AT INTERIOR WALLS, PROVIDE BATT INSULATION IN BATHROOM AREAS, REFER TO ENLARGED UNIT PLAN FOR LOCATION
8. PROVIDE 5LB MULTI- FIRE EXTINGUISHER IN KITCHEN SINK CABINET



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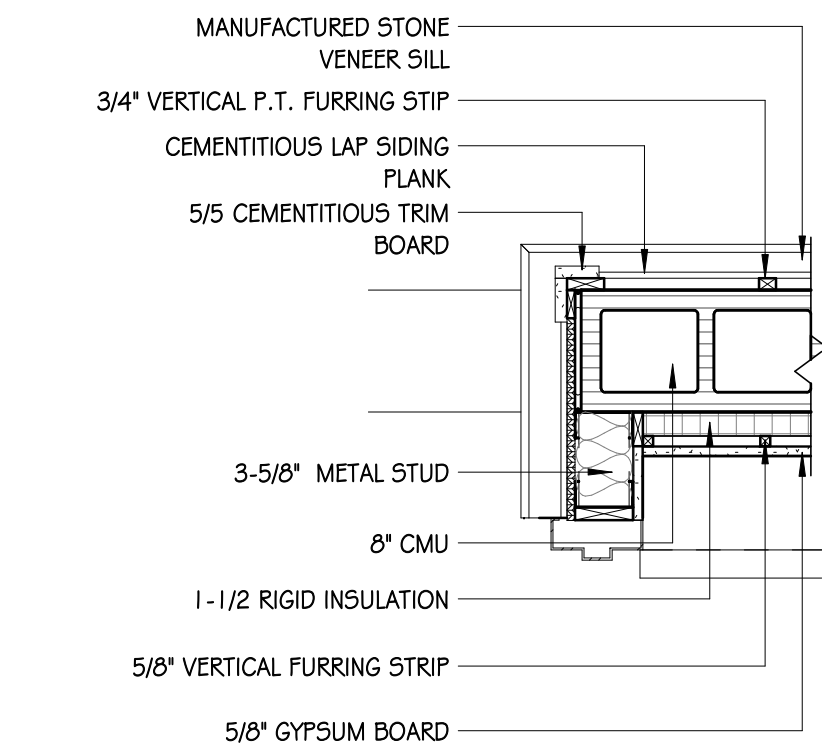
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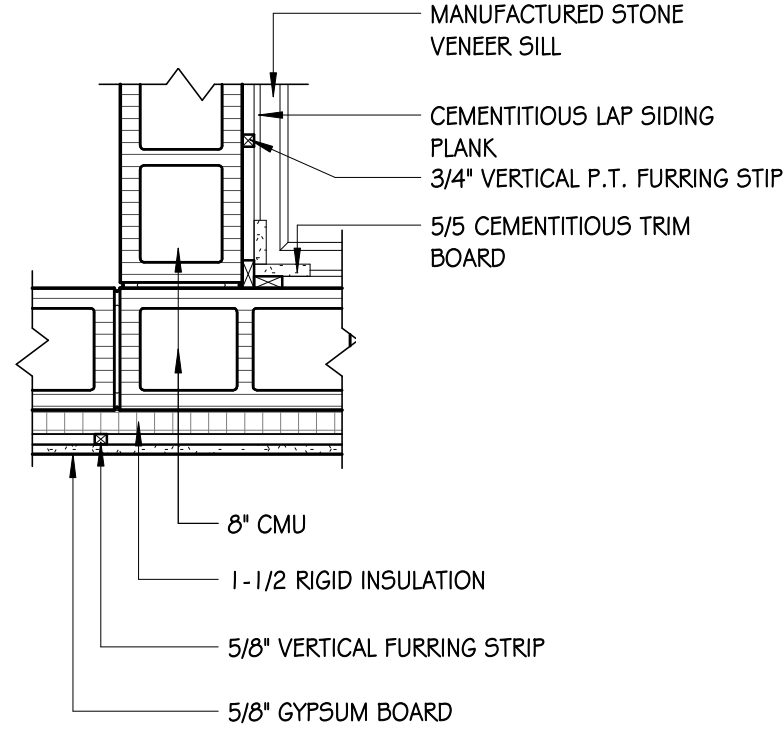




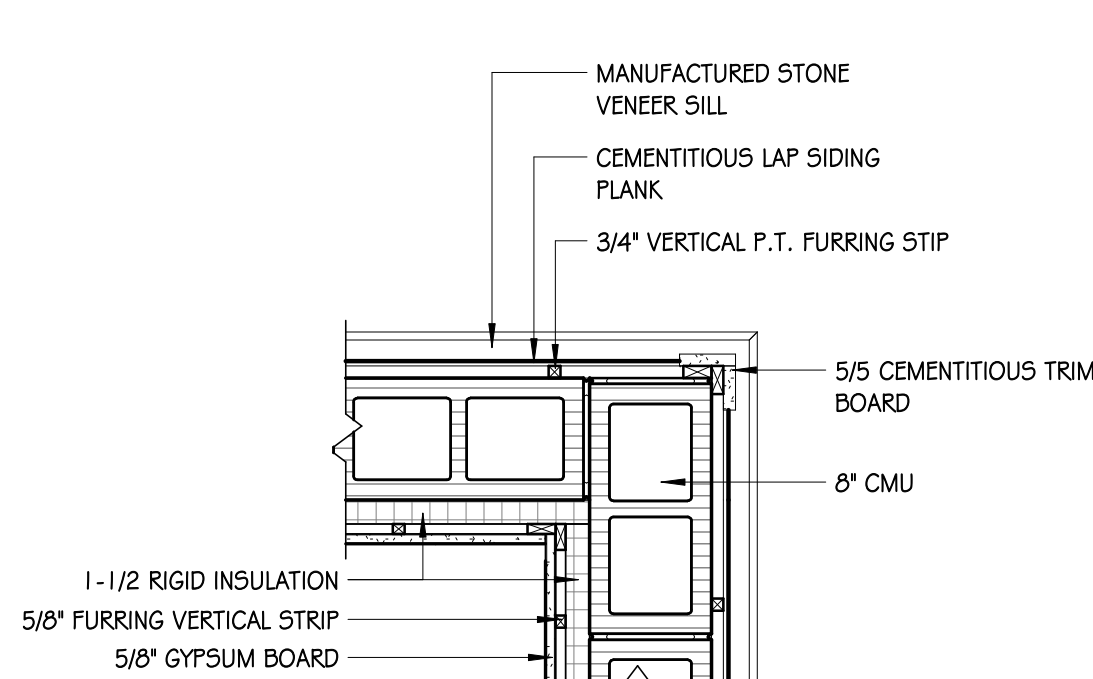
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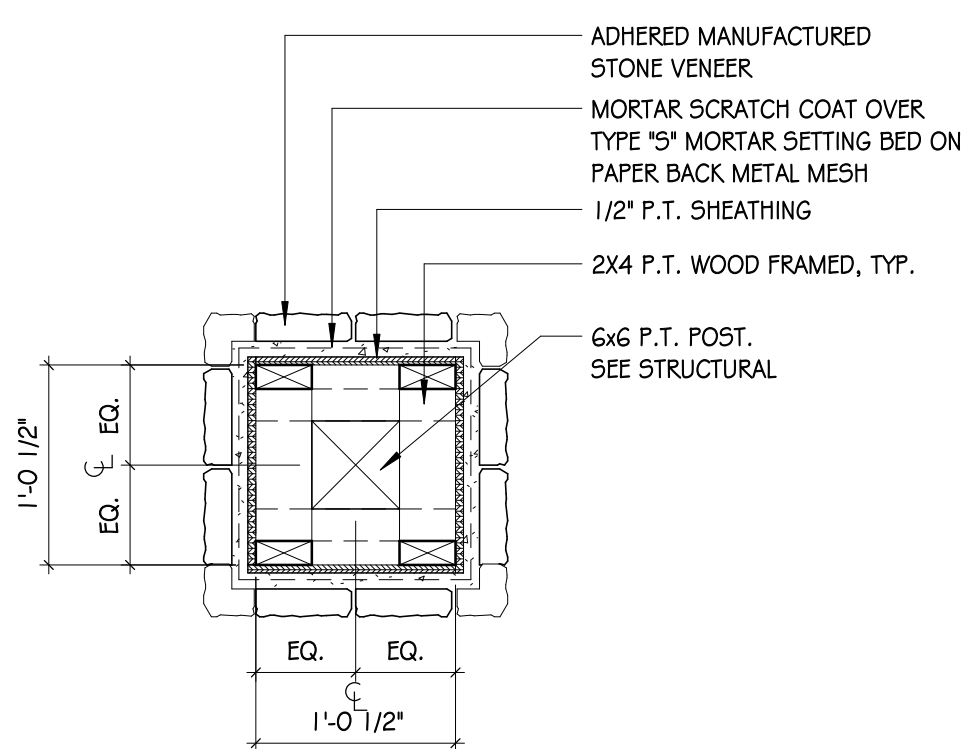
**G1 ENLARGED CMU/M.S. CORNER DETAIL**  
SCALE: 1"=1'-0"



**G2 ENLARGED CMU CORNER DETAIL\_TYP.**  
SCALE: 1"=1'-0"



**G4 ENLARGED CORNER TRIM BOARD DETAIL\_TYP.**  
SCALE: 1"=1'-0"



**G8 ENLARGED COLUMN WRAP PLAN DETAIL \_ TYP.**  
SCALE: 1"=1'-0"

## GENERAL NOTES

1. PROVIDE P.T. BLOCKING FOR GRAB BARS AND TOILET ACCESSORIES IN BATHROOMS.
2. FOR UNIT PLANS, SEE SHEET A1.1.1 ENLARGED UNIT PLANS
3. ALL INTERIOR WALL TO BE 3-1/2" WOOD FRAMING, U.O.N.
4. ALL EXTERIOR WALLS TO BE DIMENSIONED TO THE EXTERIOR FACE OF CONCRETE BLOCK OR EXTERIOR FACE OF STUD.
5. PROVIDE 5/8" WATER-RESISTANCE GWB IN LIEU OF TYPICAL GWB AT ALL WET AREAS INCLUDING, BUT NOT LIMITED, BATHROOMS OR SHOWER AREAS
6. ALL SHELVEING CONFIGURATION TO BE VINYL COATED WIRE.
7. AT INTERIOR WALLS, PROVIDE BATT INSULATION IN BATHROOM AREAS, REFER TO ENLARGED UNIT PLAN FOR LOCATION
8. PROVIDE 5LB MULTI- FIRE EXTINGUISHER IN KITCHEN SINK CABINET
9. REFER TO SHEET G.I.1.3 TYPICAL FAIR HOUSING UNIT PLAN FOR MORE ACCESSINLE ENLARGED UNIT PLANS

## MAGNOLIA OAKS

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MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

ENLARGED UNIT  
PLANS & PLAN  
DETAILS

A1.11

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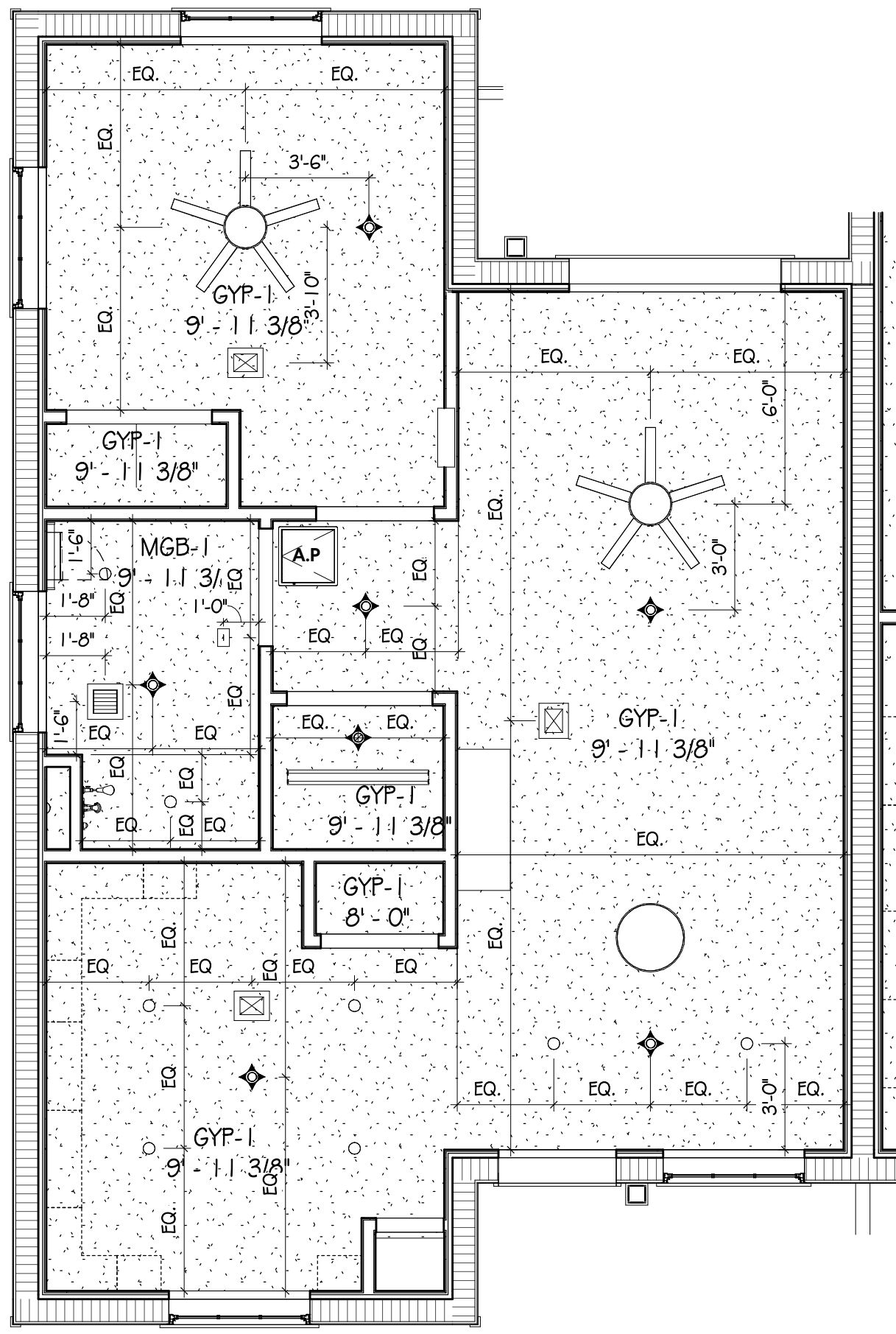
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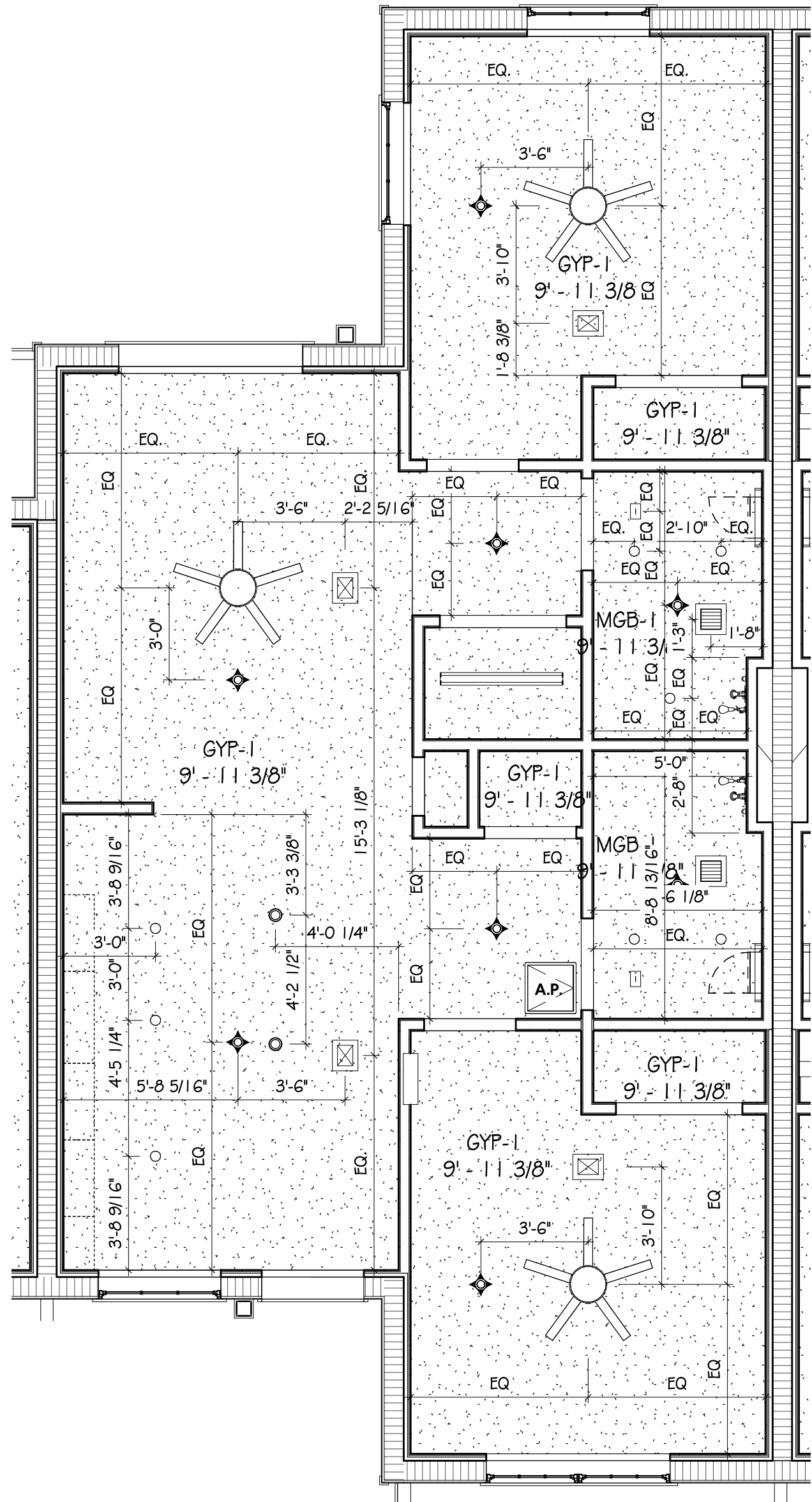
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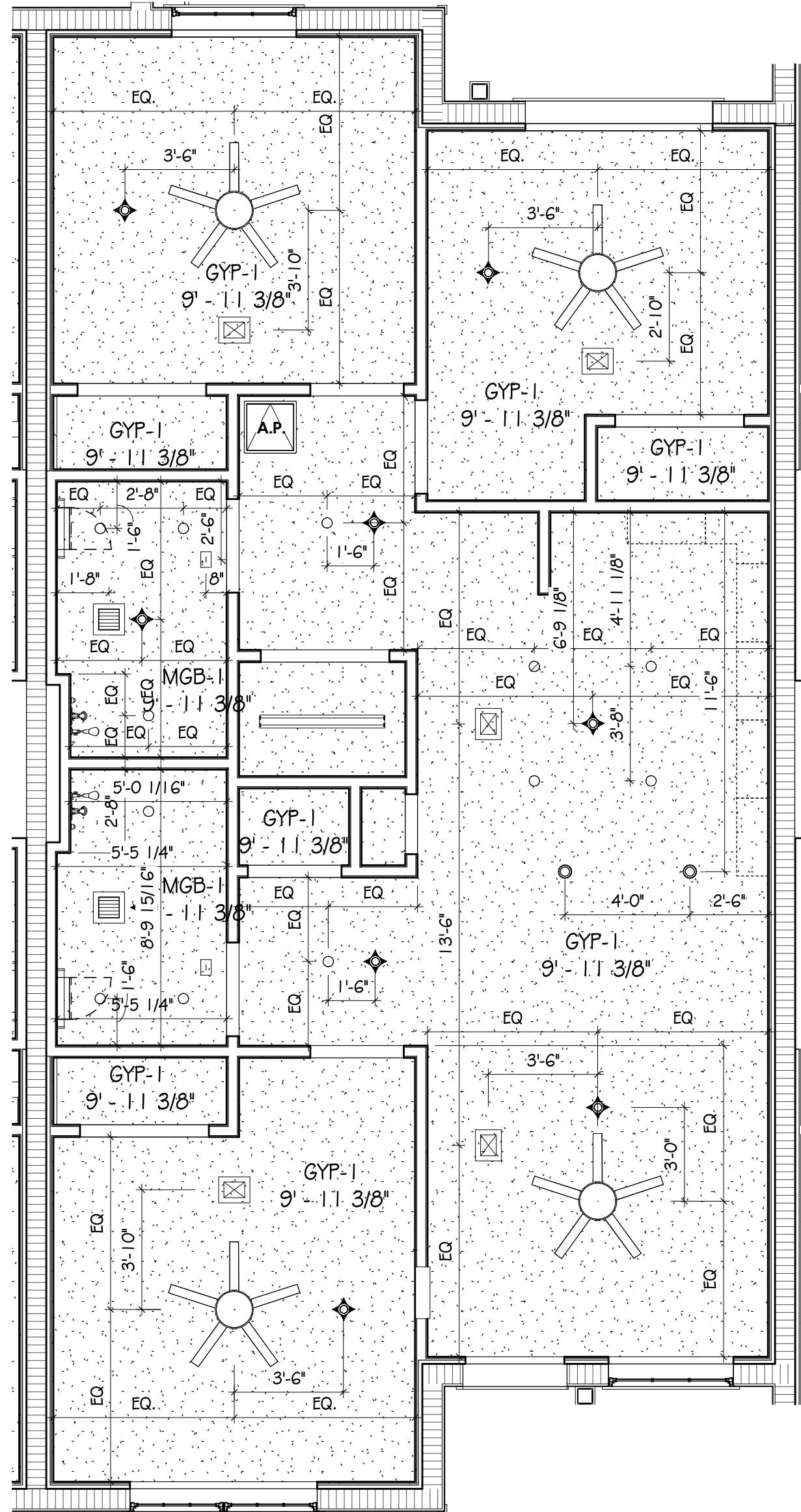




**A1 ENLARGED RCP PLAN - ONE BEDROOM**  
SCALE: 1/4" = 1'-0"



**A3 ENLARGED RCP PLAN - TWO BEDROOM**  
SCALE: 1/4" = 1'-0"



**A5 ENLARGED RCP PLAN - THREE BEDROOM**  
SCALE: 1/4" = 1'-0"

## REFLECTED CEILING PLAN LEGEND

### CEILING FINISHES:

- 2X2' LAY-IN ACOUSTICAL CEILING & GRID SYSTEM
- RECESSED LIGHT POCKET
- GYPSUM BOARD - INTERIOR  
EIFS SOFFIT - EXTERIOR
- EXPOSED STRUCTURE
- 2X2 LAY-IN METAL CEILING & GRID SYSTEM
- 2X2 LAY-IN WOOD CEILING & GRID SYSTEM

### MECHANICAL:

- SUPPLY DIFFUSER
- SUPPLY DIFFUSER
- RETURN AIR GRILLE
- EXHAUST FAN
- FIRE SPRINKLER

### LIGHTING:

- FIRE ALARM
- EXIT SIGN
- CEILING FAN
- 2X4 RECESSED FIXTURE
- 2X2 RECESSED FIXTURE
- LINEAR SURFACE MOUNTED FIXTURE
- LINEAR SUSPENDED FIXTURE
- LINEAR RECESSED FIXTURE
- CIRCULAR SURFACE MOUNTED FIXTURE
- CIRCULAR PENDANT FIXTURE
- CIRCULAR RECESSED FIXTURE
- CIRCULAR WALL MOUNTED FIXTURE
- LINEAR WALL MOUNTED FIXTURE

## REFLECTED CEILING PLAN NOTES

INTERIOR CEILING HEIGHTS AS INDICATED ON THE REFLECTED CEILING PLANS.  
REFER TO CONSTRUCTION FLOOR PLANS FOR REQUIRED COMPOSITION OF WALL CONSTRUCTION.  
LOCATION OF LIGHTS, DIFFUSERS, AND RETURN AIR GRILLES TO BE COORDINATED BETWEEN REFLECTED CEILING PLANS, LIGHTING PLANS, AND HVAC PLANS. FINAL LOCATION TO BE APPROVED BY ARCHITECT.

COORDINATE WITH OWNERS AVV CONSULTANT FOR PROJECTION SCREEN AND PROJECTOR LOCATION.  
SEE SPECIFICATIONS FOR ADDITIONAL CEILING FINISH INFORMATION AND REQUIREMENTS. NOTIFY ARCHITECT WITH ANY DISCREPANCIES BETWEEN SPECIFICATION AND DRAWINGS.  
WHERE EXIT SIGNS ARE LOCATED ABOVE DOORWAYS, CENTER ABOUT DOOR.

## CEILING FINISH LEGEND

| NUMBER | TYPE                                 | DETAIL DESCRIPTION   |
|--------|--------------------------------------|--|
| ACT-1  | ACOUSTICAL CEILING TILE SYSTEM       | BASIS OF DESIGN: REFER TO SPECIFICATIONS FOR PRODUCT INFORMATION<br>SIZE: 24" X 24" X 1/2"                                 |
| MGB-1  | MOISTURE RESISTANT GYP BOARD CEILING | BASIS OF DESIGN: REFER TO SPECIFICATIONS FOR PRODUCT INFORMATION - PAINTED GYP BOARD<br>COLOR: PNT-1 (U.N.O. ON RCP)       |
| GYP-1  | GYP BOARD CEILING                    | PRODUCT BASIS OF DESIGN: REFER TO SPECIFICATIONS FOR PRODUCT INFORMATION PAINTED GYP BOARD<br>COLOR: PNT-1 (U.N.O. ON RCP) |
| EXP-1  | EXPOSED TO STRUCTURE                 | EXPOSED TO STRUCTURE - WITH NO FINISH  |

ENLARGED RCP  
UNIT PLANS

MAGNOLIA OAKS

7240 & 7338

MASSACHUSETTS AVE

NEW PORT RICHEY, FLORIDA

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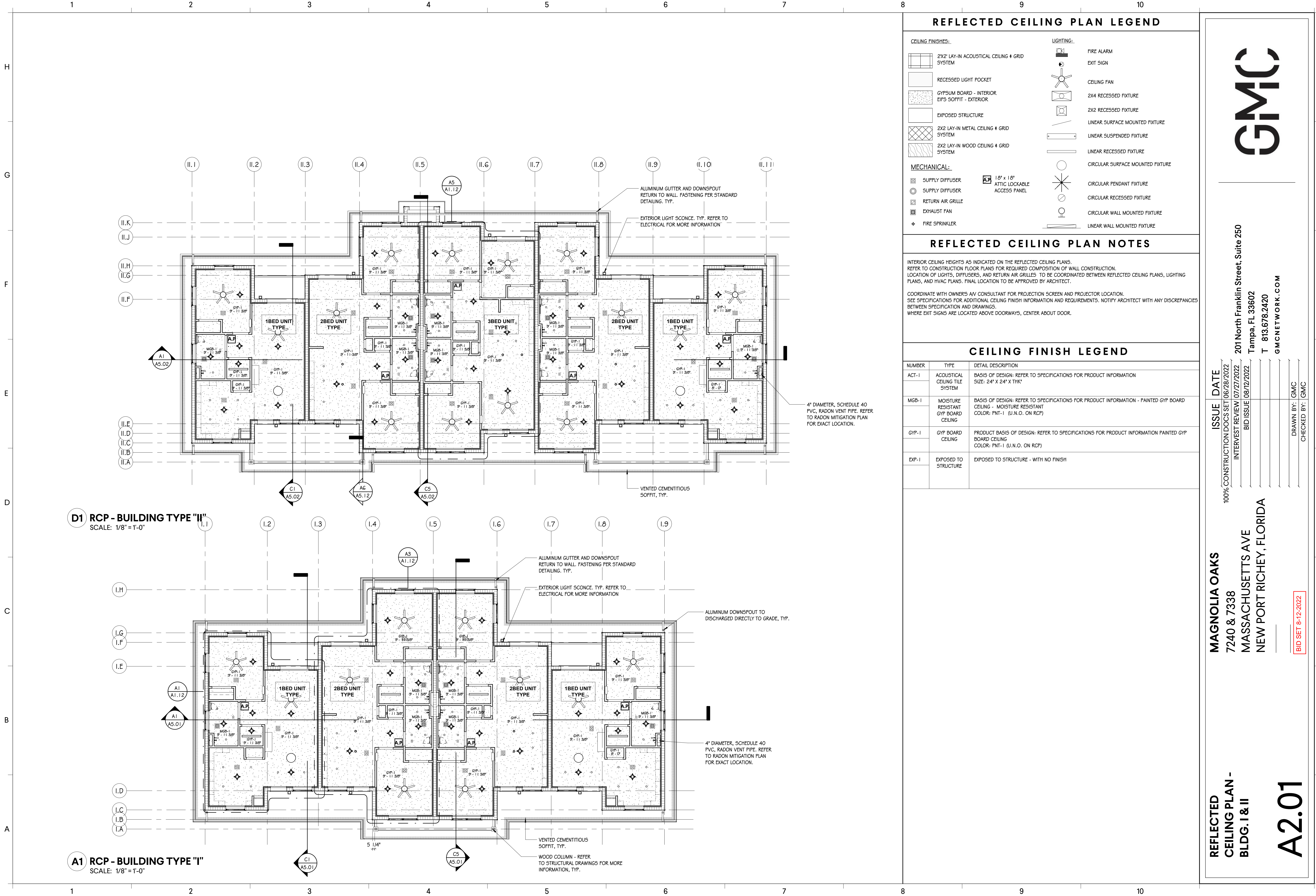
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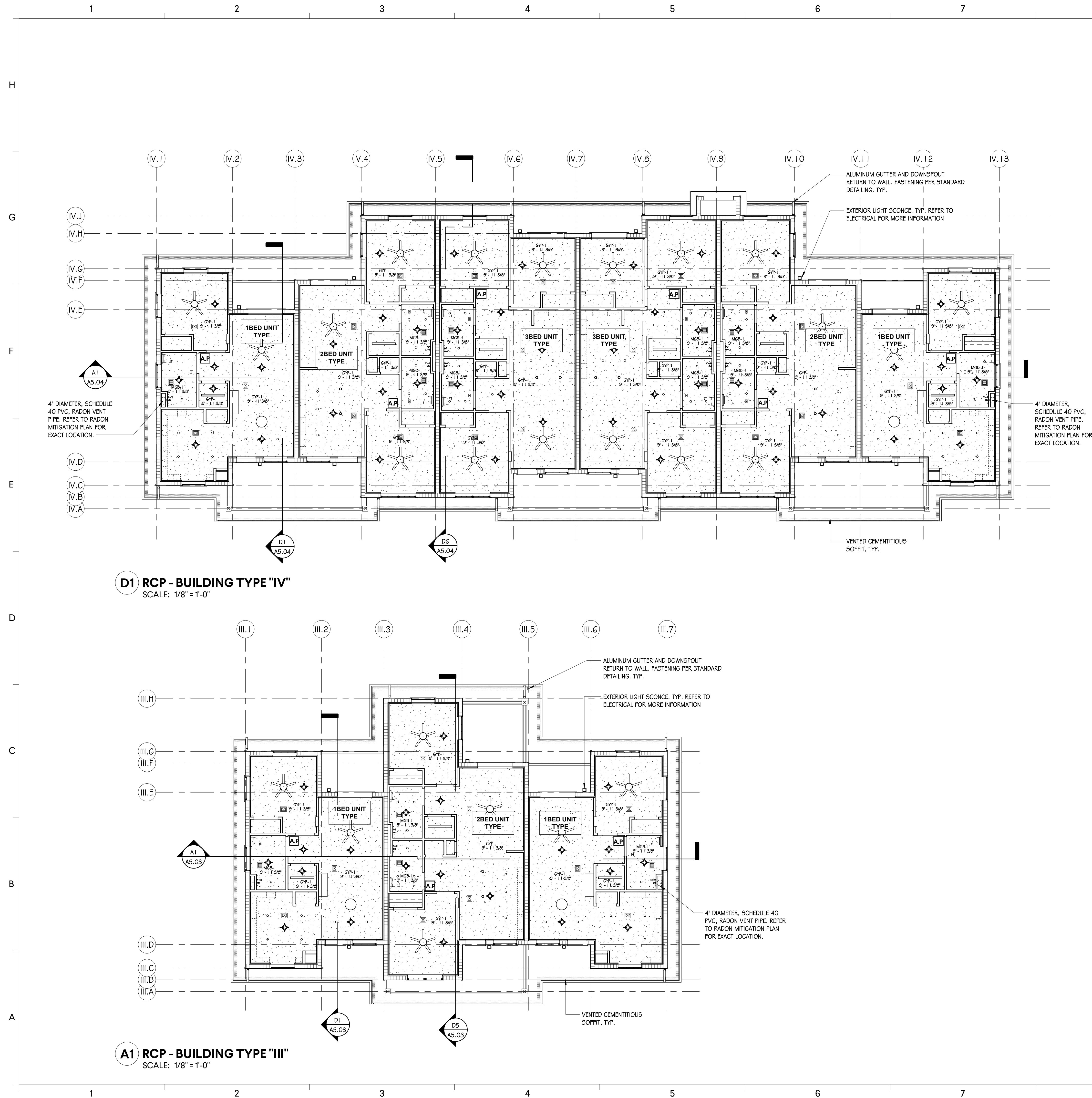
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






















### REFLECTED CEILING PLAN LEGEND

| CEILING FINISHES:   |  | LIGHTING:   |                                  |
|---|--|---|----------------------------------|
|  | 2X2' LAY-IN ACOUSTICAL CEILING & GRID SYSTEM |  | FIRE ALARM                       |
|  | RECESSED LIGHT POCKET                        |  | EXIT SIGN                        |
|  | GYPSUM BOARD - INTERIOR                      |  | CEILING FAN                      |
|  | EIFS SOFFIT - EXTERIOR                       |  | 2X4 RECESSED FIXTURE             |
|  | EXPOSED STRUCTURE                            |  | 2X2 RECESSED FIXTURE             |
|  | 2X2 LAY-IN METAL CEILING & GRID SYSTEM       |  | LINEAR SURFACE MOUNTED FIXTURE   |
|  | 2X2 LAY-IN WOOD CEILING & GRID SYSTEM        |  | LINEAR SUSPENDED FIXTURE         |
|   |  |  | LINEAR RECESSED FIXTURE          |
|   |  |  | CIRCULAR SURFACE MOUNTED FIXTURE |
|   |  |  | CIRCULAR PENDANT FIXTURE         |
|   |  |  | CIRCULAR RECESSED FIXTURE        |
|   |  |  | CIRCULAR WALL MOUNTED FIXTURE    |
|   |  |  | LINEAR WALL MOUNTED FIXTURE      |

### REFLECTED CEILING PLAN NOTES

INTERIOR CEILING HEIGHTS AS INDICATED ON THE REFLECTED CEILING PLANS.  
REFER TO CONSTRUCTION FLOOR PLANS FOR REQUIRED COMPOSITION OF WALL CONSTRUCTION.  
LOCATION OF LIGHTS, DIFFUSERS, AND RETURN AIR GRILLES TO BE COORDINATED BETWEEN REFLECTED CEILING PLANS, LIGHTING PLANS, AND HVAC PLANS. FINAL LOCATION TO BE APPROVED BY ARCHITECT.

COORDINATE WITH OWNER'S AV CONSULTANT FOR PROJECTION SCREEN AND PROJECTOR LOCATION.  
SEE SPECIFICATIONS FOR ADDITIONAL CEILING FINISH INFORMATION AND REQUIREMENTS. NOTIFY ARCHITECT WITH ANY DISCREPANCIES  
BETWEEN SPECIFICATION AND DRAWINGS.  
WHERE EXIT SIGNS ARE LOCATED ABOVE DOORWAYS, CENTER ABOUT DOOR.

### CEILING FINISH LEGEND

| NUMBER | TYPE  | DETAIL DESCRIPTION   |
|--------|---|--|
| ACT-1  | ACOUSTICAL<br>CEILING TILE<br>SYSTEM          | BASIS OF DESIGN: REFER TO SPECIFICATIONS FOR PRODUCT INFORMATION<br>SIZE: 24" X 24" X THK  |
| MGB-1  | MOISTURE<br>RESISTANT<br>GYP BOARD<br>CEILING | BASIS OF DESIGN: REFER TO SPECIFICATIONS FOR PRODUCT INFORMATION - PAINTED GYP BOARD<br>CEILING - MOISTURE RESISTANT<br>COLOR: PNT-1 (U.N.O. ON RCP) |
| GYF-1  | GYP BOARD<br>CEILING                          | PRODUCT BASIS OF DESIGN: REFER TO SPECIFICATIONS FOR PRODUCT INFORMATION PAINTED GYP<br>BOARD CEILING<br>COLOR: PNT-1 (U.N.O. ON RCP)                |
| EXP-1  | EXPOSED TO<br>STRUCTURE                       | EXPOSED TO STRUCTURE - WITH NO FINISH  |

**REFLECTED  
CEILING PLAN -  
BLDG. III & IV**

**MAGNOLIA OAKS**  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

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1. **Introduction**  
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 3. **Methodology**  
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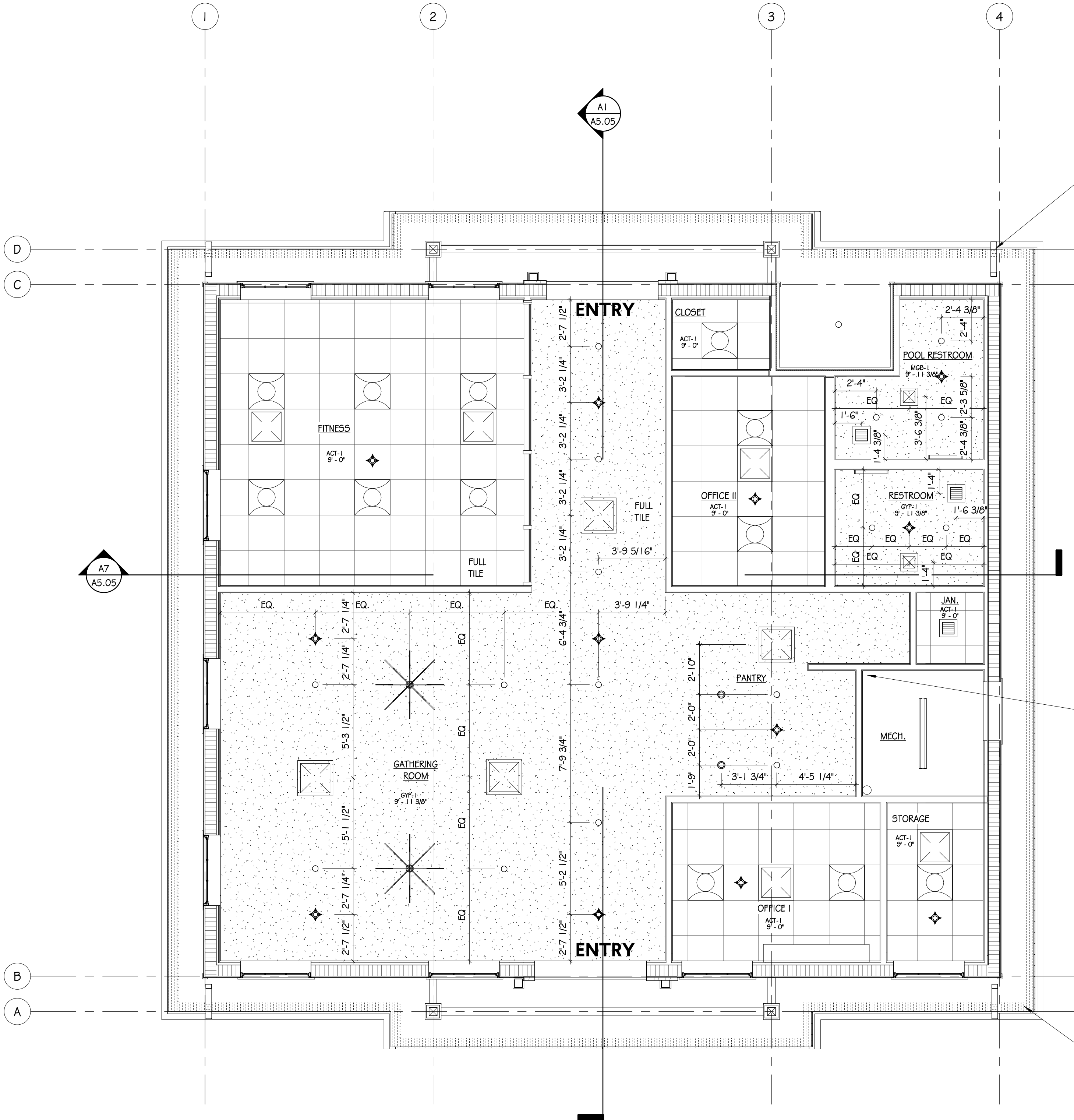
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A1 RCP - CLUBHOUSE

SCALE: 1/4" = 1'-0"



ALUMINUM GUTTER AND DOWNSPOUT  
RETURN TO WALL. FASTENING PER STANDARD  
DETAILING. TYP.

4" DIAMETER, SCHEDULE 40  
PVC, RADON VENT PIPE. REFER  
TO RADON MITIGATION PLAN  
FOR EXACT LOCATION.

VENTED CEMENTITIOUS  
SOFFIT, TYP.

REFLECTED CEILING PLAN LEGEND

CEILING FINISHES:

- 2X2' LAY-IN ACOUSTICAL CEILING & GRID SYSTEM
- RECESSED LIGHT POCKET
- GYPSUM BOARD - INTERIOR  
EIFS SOFFIT - EXTERIOR
- EXPOSED STRUCTURE
- 2X2 LAY-IN METAL CEILING & GRID SYSTEM
- 2X2 LAY-IN WOOD CEILING & GRID SYSTEM

MECHANICAL:

- SUPPLY DIFFUSER
- SUPPLY DIFFUSER
- RETURN AIR GRILLE
- EXHAUST FAN
- FIRE SPRINKLER

LIGHTING:

- FIRE ALARM
- EXIT SIGN
- CEILING FAN
- 2X4 RECESSED FIXTURE
- 2X2 RECESSED FIXTURE
- LINEAR SURFACE MOUNTED FIXTURE
- LINEAR SUSPENDED FIXTURE
- LINEAR RECESSED FIXTURE
- CIRCULAR SURFACE MOUNTED FIXTURE
- CIRCULAR PENDANT FIXTURE
- CIRCULAR RECESSED FIXTURE
- CIRCULAR WALL MOUNTED FIXTURE
- LINEAR WALL MOUNTED FIXTURE

REFLECTED CEILING PLAN NOTES

INTERIOR CEILING HEIGHTS AS INDICATED ON THE REFLECTED CEILING PLANS.  
REFER TO CONSTRUCTION FLOOR PLANS FOR REQUIRED COMPOSITION OF WALL CONSTRUCTION.  
LOCATION OF LIGHTS, DIFFUSERS, AND RETURN AIR GRILLES TO BE COORDINATED BETWEEN REFLECTED CEILING PLANS, LIGHTING  
PLANS, AND HVAC PLANS. FINAL LOCATION TO BE APPROVED BY ARCHITECT.

COORDINATE WITH OWNERS AVV CONSULTANT FOR PROJECTION SCREEN AND PROJECTOR LOCATION.  
SEE SPECIFICATIONS FOR ADDITIONAL CEILING FINISH INFORMATION AND REQUIREMENTS. NOTIFY ARCHITECT WITH ANY DISCREPANCIES  
BETWEEN SPECIFICATION AND DRAWINGS.  
WHERE EXIT SIGNS ARE LOCATED ABOVE DOORWAYS, CENTER ABOUT DOOR.

CEILING FINISH LEGEND

| NUMBER | TYPE  | DETAIL DESCRIPTION   |
|--------|---|--|
| ACT-1  | ACOUSTICAL<br>CEILING TILE<br>SYSTEM          | BASIS OF DESIGN: REFER TO SPECIFICATIONS FOR PRODUCT INFORMATION<br>SIZE: 24" X 24" X 1/2"   |
| MGB-1  | MOISTURE<br>RESISTANT<br>GYF BOARD<br>CEILING | BASIS OF DESIGN: REFER TO SPECIFICATIONS FOR PRODUCT INFORMATION - PAINTED GYP BOARD<br>CEILING - MOISTURE RESISTANT<br>COLOR: PNT-1 (U.N.O. ON RCP) |
| GYP-1  | GYF BOARD<br>CEILING                          | PRODUCT BASIS OF DESIGN: REFER TO SPECIFICATIONS FOR PRODUCT INFORMATION PAINTED GYP<br>BOARD CEILING<br>COLOR: PNT-1 (U.N.O. ON RCP)                |
| EXP-1  | EXPOSED TO<br>STRUCTURE                       | EXPOSED TO STRUCTURE - WITH NO FINISH  |

REFLECTED  
CEILING PLAN -  
CLUBHOUSE

A2.03

MAGNOLIA OAKS

7240 & 7338

MASSACHUSETTS AVE

NEW PORT RICHEY, FLORIDA

ISSUE DATE

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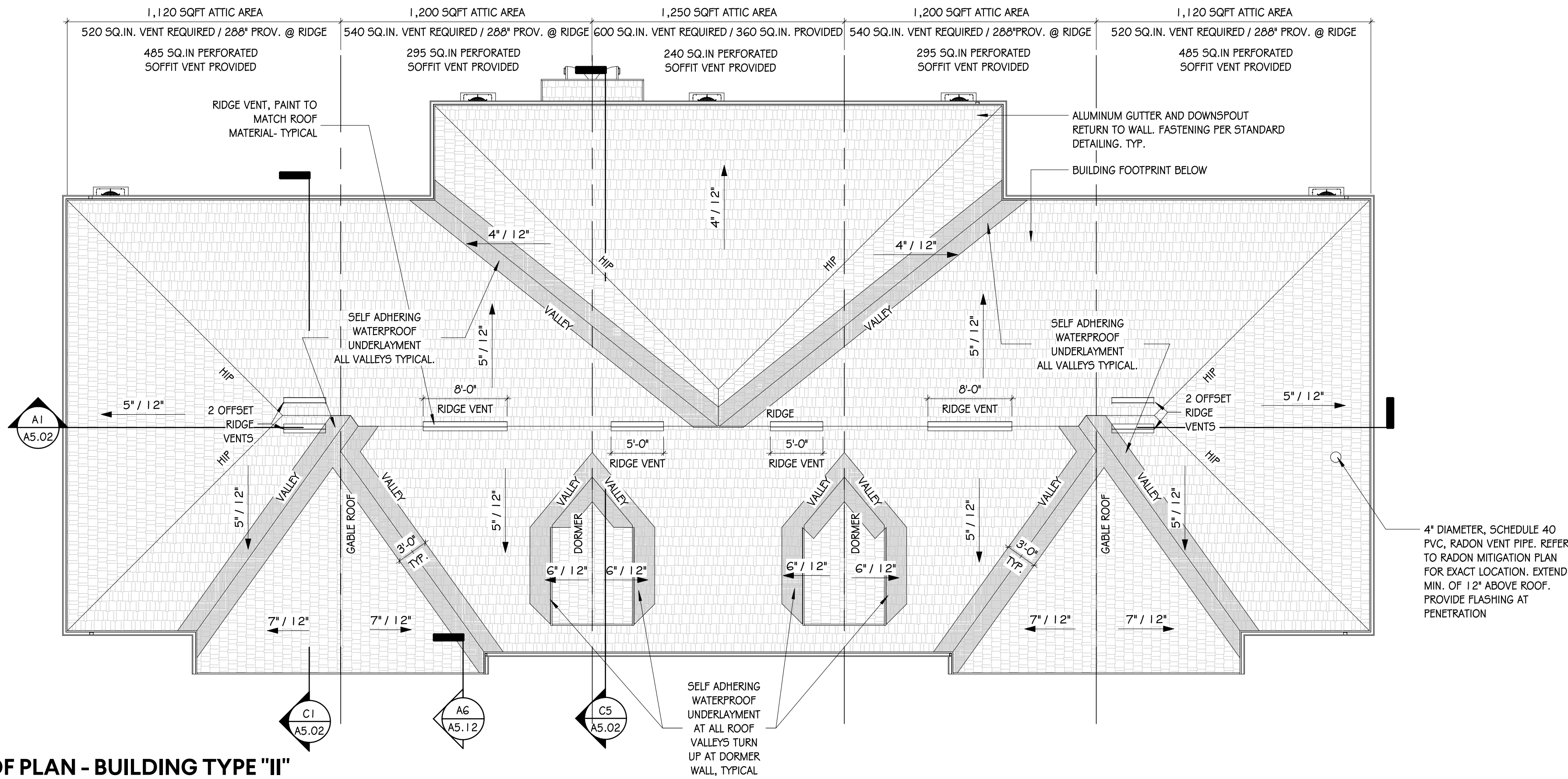
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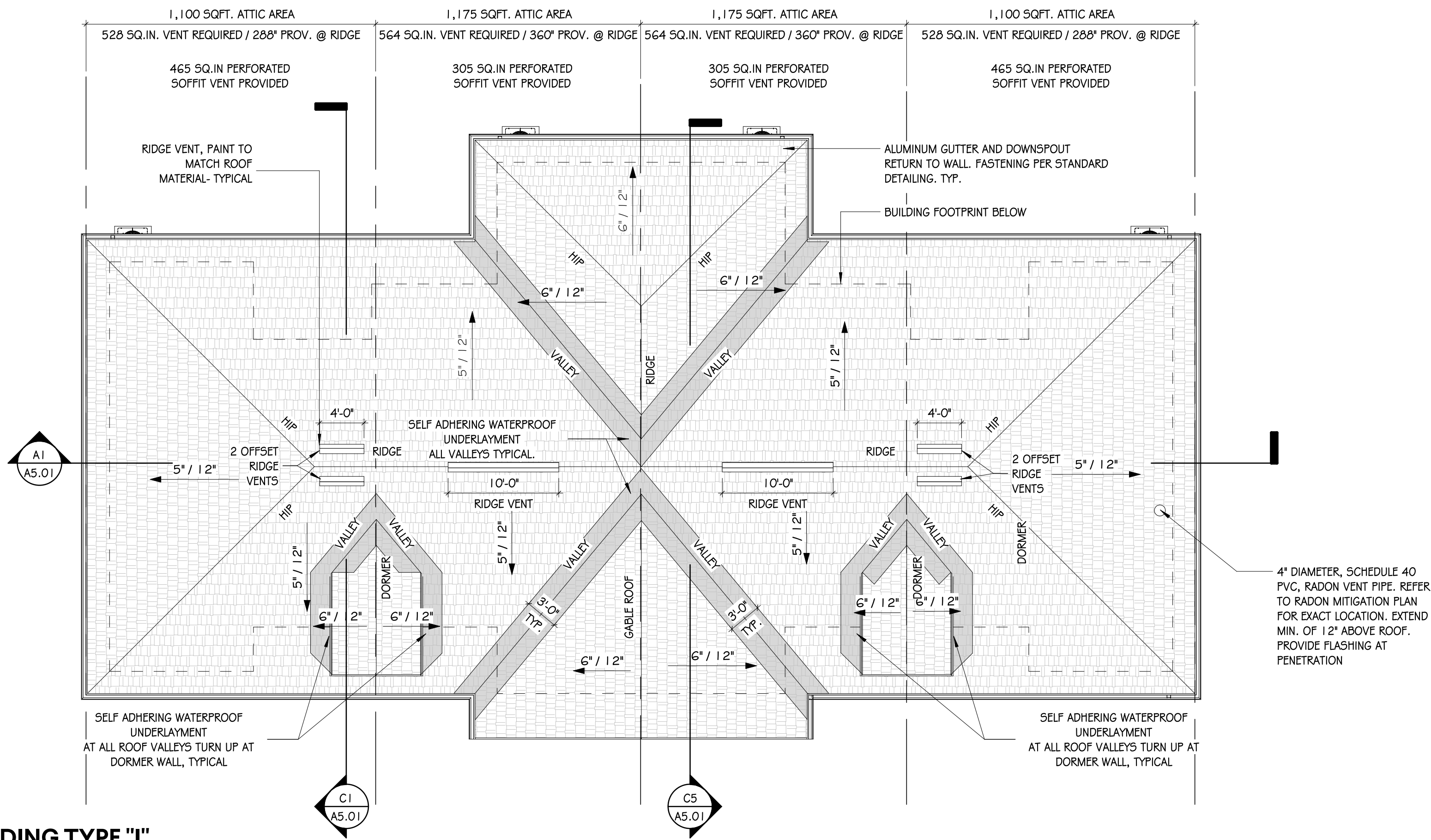


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E  
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G  
H

**D1 ROOF PLAN - BUILDING TYPE "II"**  
SCALE: 1/8"=1'-0"



**A1 ROOF PLAN - BUILDING TYPE "I"**  
SCALE: 1/8"=1'-0"



GENERAL NOTES

- ARROWS ON ROOF PLAN INDICATE SLOPE DIRECTION. PROVIDE PROPER SLOPE PER FOOT REQUIREMENTS AS INDICATED ON DRAWINGS AND MEET ALL MANUF. WARRANTIES AND SPECIFICATIONS. NOTIFY ARCHITECT OF DISCREPANCIES PRIOR TO SHOP DRAWINGS.
- MAIN ROOF CONSTRUCTION: ASPHALT ARCHITECTURAL 30 YR. SHINGLE SYSTEM OVER #15 FELT OVER 7/16" APA RATED EXTERIOR SHEATHING ON PRE-ENGINEERED WOOD TRUSSES. ATTACHMENTS TO STRUCTURE BELOW TO MEET ALL APPLICABLE CODES.
- INSULATE ALL ATTIC AREAS ABOVE CONDITIONS SPACES, R-30 MIN.
- ALL ROOF VENTS & ACCESSORIES TO BE GALVANIZED METAL (U.O.N.) AND PAINTED TO MATCH ROOFING COLOR.
- ALL ROOF PENETRATING VENTS, PIPES, FANS, ETC. TO BE PAINTED TO MATCH ROOFING COLOR.
- ALL VENT THRU ROOFS SHALL BE COORDINATED WITH PLUMBING RISER DIAGRAMS.
- CONTRACTOR RESPONSIBLE FOR ALL ROOF PENETRATIONS. COORDINATE WITH ALL TRADES. NOTIFY ARCHITECT PRIOR TO INSTALLATION OF ANY DISCREPANCIES. PROVIDE FLASHING, COUNTER FLASHING, SEALANTS, BOOTS, ETC. FOR ALL ROOF PENETRATIONS TO MEET DESIGN INTENT, WARRANTIES, SPECS, AND CODES.
- CONTRACTOR IS RESPONSIBLE FOR COST AND REVIEW OF ALL TRADES PRIOR TO FINAL PRICING OF ROOF SYSTEMS.

 - SELF ADHERING WATERPROOF UNDERLAYMENT

MAGNOLIA OAKS  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

ROOF PLAN -  
BLDG. I & II

A3.01

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BID ISSUE 08/12/2022

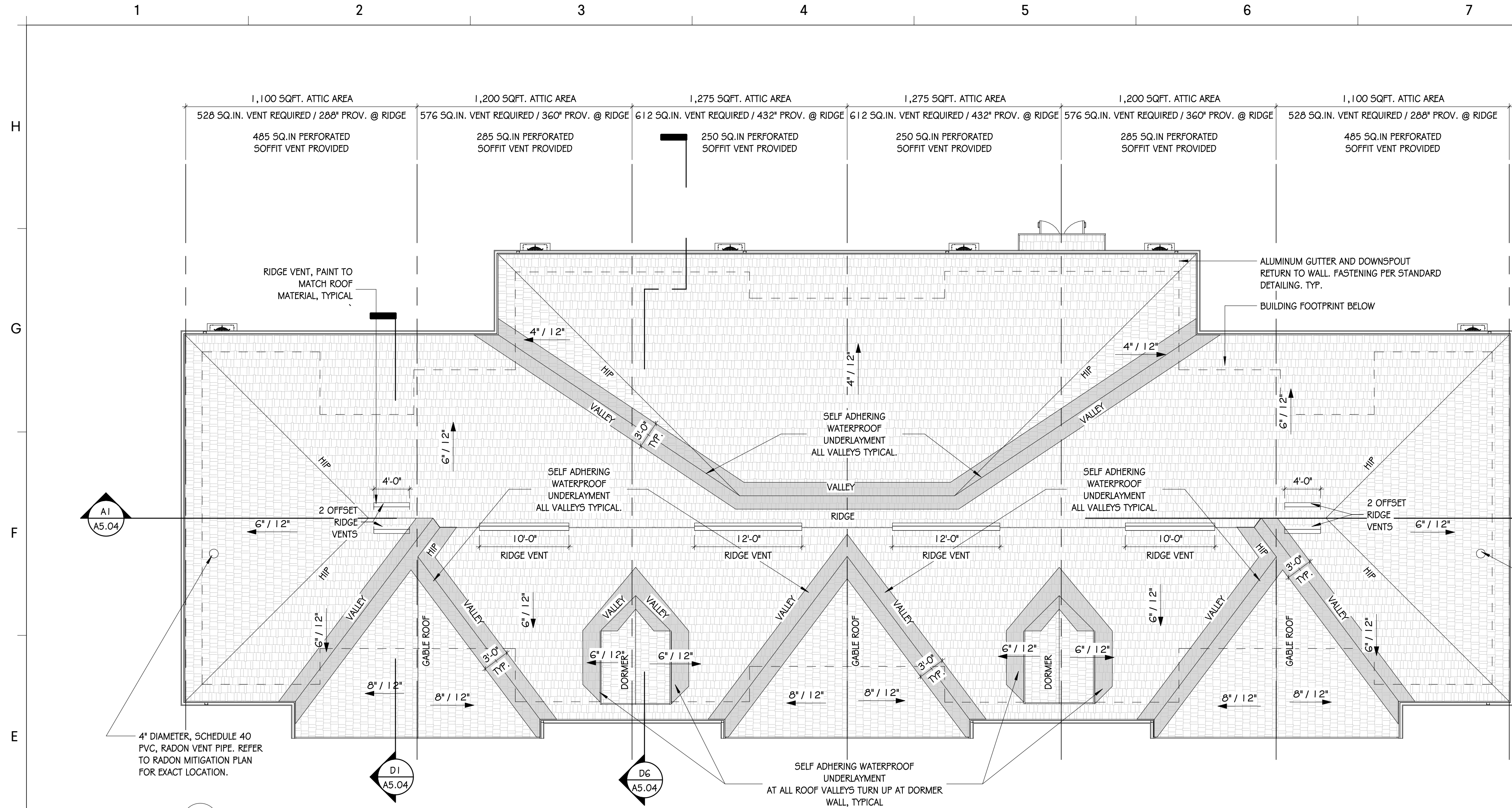
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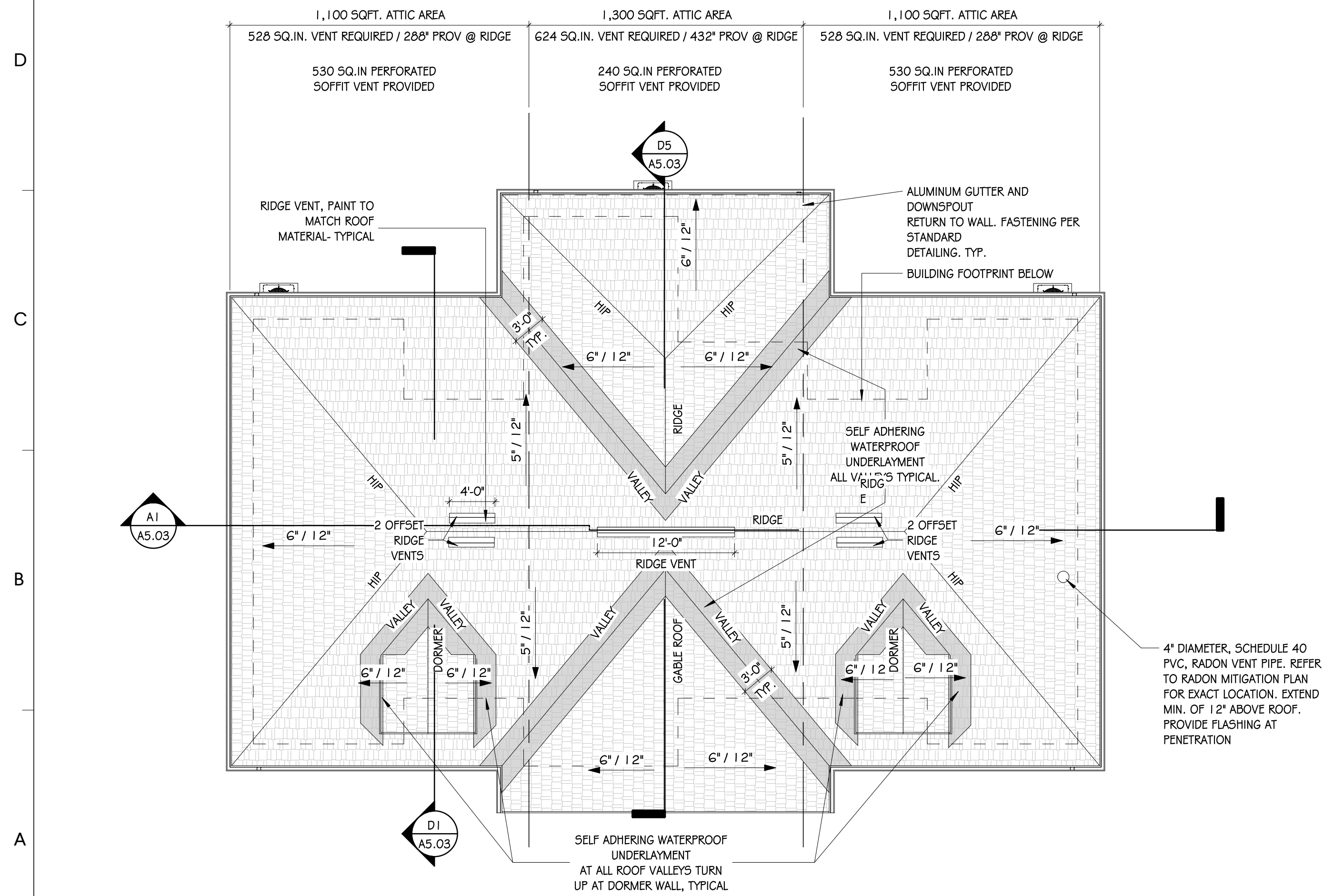
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**D1 ROOF PLAN - BUILDING TYPE "IV"**  
SCALE: 1/8" = 1'-0"



**A1 ROOF PLAN - BUILDING TYPE "III"**  
SCALE: 1/8" = 1'-0"

GENERAL NOTES

- ARROWS ON ROOF PLAN INDICATE SLOPE DIRECTION. PROVIDE PROPER SLOPE PER FOOT REQUIREMENTS AS INDICATED ON DRAWINGS AND MEET ALL MANUF. WARRANTIES AND SPECIFICATIONS. NOTIFY ARCHITECT OF DISCREPANCIES PRIOR TO SHOP DRAWINGS.
- MAIN ROOF CONSTRUCTION: ASPHALT ARCHITECTURAL 30 YR. SHINGLE SYSTEM OVER #15 FELT OVER 7/16" APA RATED EXTERIOR SHEATHING ON PRE-ENGINEERED WOOD TRUSSES. ATTACHMENTS TO STRUCTURE BELOW TO MEET ALL APPLICABLE CODES.
- INSULATE ALL ATTIC AREAS ABOVE CONDITIONS SPACES, R-30 MIN.
- ALL ROOF VENTS & ACCESSORIES TO BE GALVANIZED METAL (U.O.N.) AND PAINTED TO MATCH ROOFING COLOR.
- ALL ROOF PENETRATING VENTS, PIPES, FANS, ETC. TO BE PAINTED TO MATCH ROOFING COLOR.
- ALL VENT THRU ROOFS SHALL BE COORDINATED WITH PLUMBING RISER DIAGRAMS.
- CONTRACTOR RESPONSIBLE FOR ALL ROOF PENETRATIONS. COORDINATE WITH ALL TRADES. NOTIFY ARCHITECT PRIOR TO INSTALLATION OF ANY DISCREPANCIES. PROVIDE FLASHING, COUNTER FLASHING, SEALANTS, BOOTS, ETC. FOR ALL ROOF PENETRATIONS TO MEET DESIGN INTENT, WARRANTIES, SPECS, AND CODES.
- CONTRACTOR IS RESPONSIBLE FOR COST AND REVIEW OF ALL TRADES PRIOR TO FINAL PRICING OF ROOF SYSTEMS.

 - SELF ADHERING WATERPROOF UNDERLAYMENT

MAGNOLIA OAKS

7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

ROOF PLAN -  
BLDG. III & IV

A3.02

ISSUE DATE

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BID ISSUE 08/12/2022

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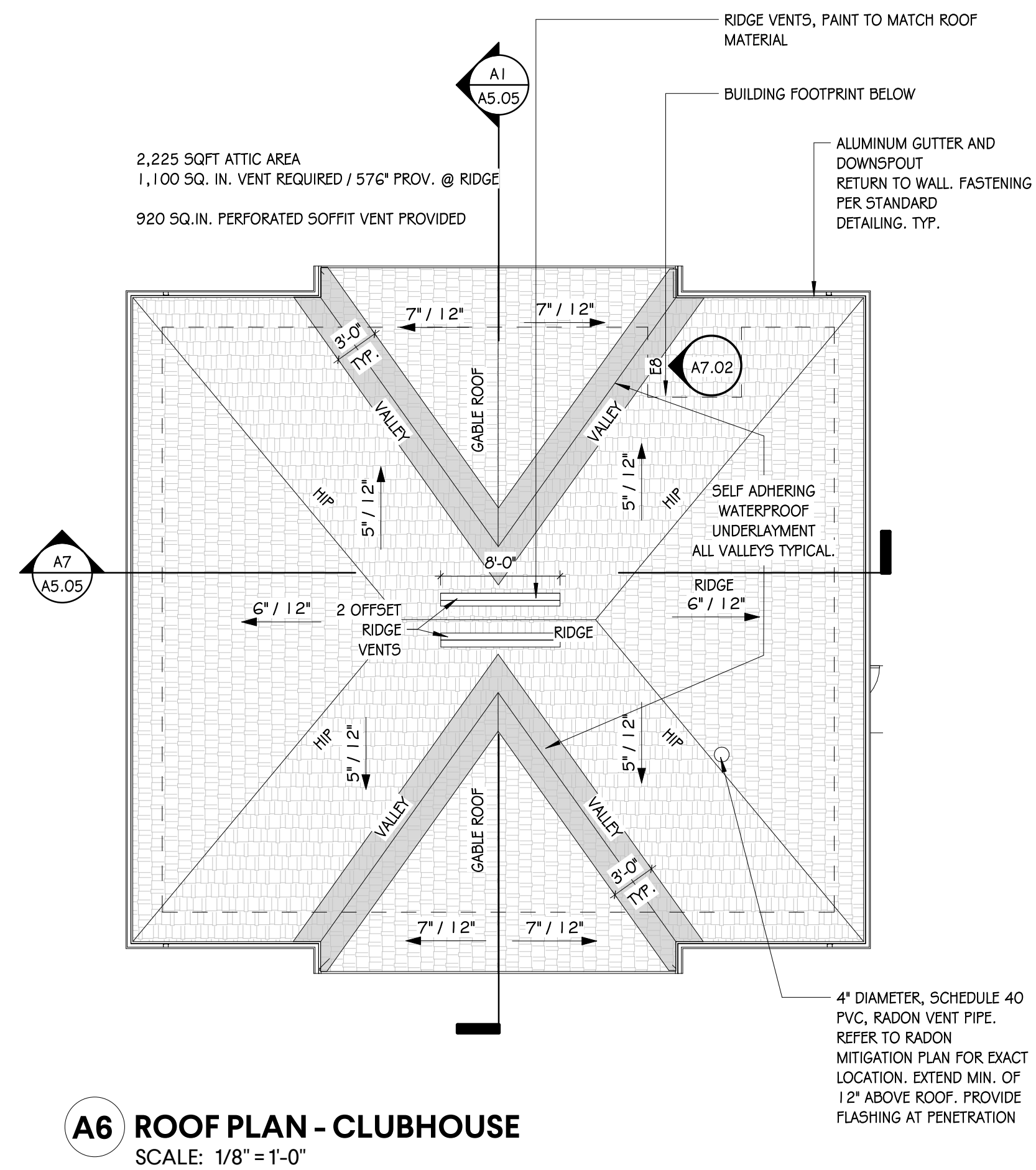
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## GENERAL NOTES

1. ARROWS ON ROOF PLAN INDICATE SLOPE DIRECTION. PROVIDE PROPER SLOPE PER FOOT REQUIREMENTS AS INDICATED ON DRAWINGS AND MEET ALL MANUF. WARRANTIES AND SPECIFICATIONS. NOTIFY ARCHITECT OF DISCREPANCIES PRIOR TO SHOP DRAWINGS.
2. MAIN ROOF CONSTRUCTION: ASPHALT ARCHITECTURAL 30 YR SHINGLE SYSTEM OVER #15 FELT OVER 7/16" APA RATED EXTERIOR SHEATHING ON PRE-ENGINEERED WOOD TRUSSES. ATTACHMENTS TO STRUCTURE BELOW TO MEET ALL APPLICABLE CODES.
3. INSULATE ALL ATTIC AREAS ABOVE CONDITIONS SPACES, R-30 MIN.
4. ALL ROOF VENTS & ACCESSORIES TO BE GALVANIZED METAL (U.O.N.) AND PAINTED TO MATCH ROOFING COLOR.
5. ALL ROOF PENETRATING VENTS, PIPES, FANS, ETC. TO BE PAINTED TO MATCH ROOFING COLOR.
6. ALL VENT THRU ROOFS SHALL BE COORDINATED WITH PLUMBING RISER DIAGRAMS.
7. CONTRACTOR RESPONSIBLE FOR ALL ROOF PENETRATIONS. COORDINATE WITH ALL TRADES. NOTIFY ARCHITECT PRIOR TO INSTALLATION OF ANY DISCREPANCIES. PROVIDE FLASHING, GUTTER FLASHING, SEALANTS, BOOTS, ETC. FOR ALL ROOF PENETRATIONS TO MEET DESIGN INTENT, WARRANTIES, SPECS, AND CODES.
8. CONTRACTOR IS RESPONSIBLE FOR COST AND REVIEW OF ALL TRADES PRIOR TO FINAL PRICING OF ROOF SYSTEMS.

- SELF ADHERING WATERPROOF UNDERLAYMENT

## ROOF PLAN - CLUBHOUSE & DETAILS

**MAGNOLIA OAKS**  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

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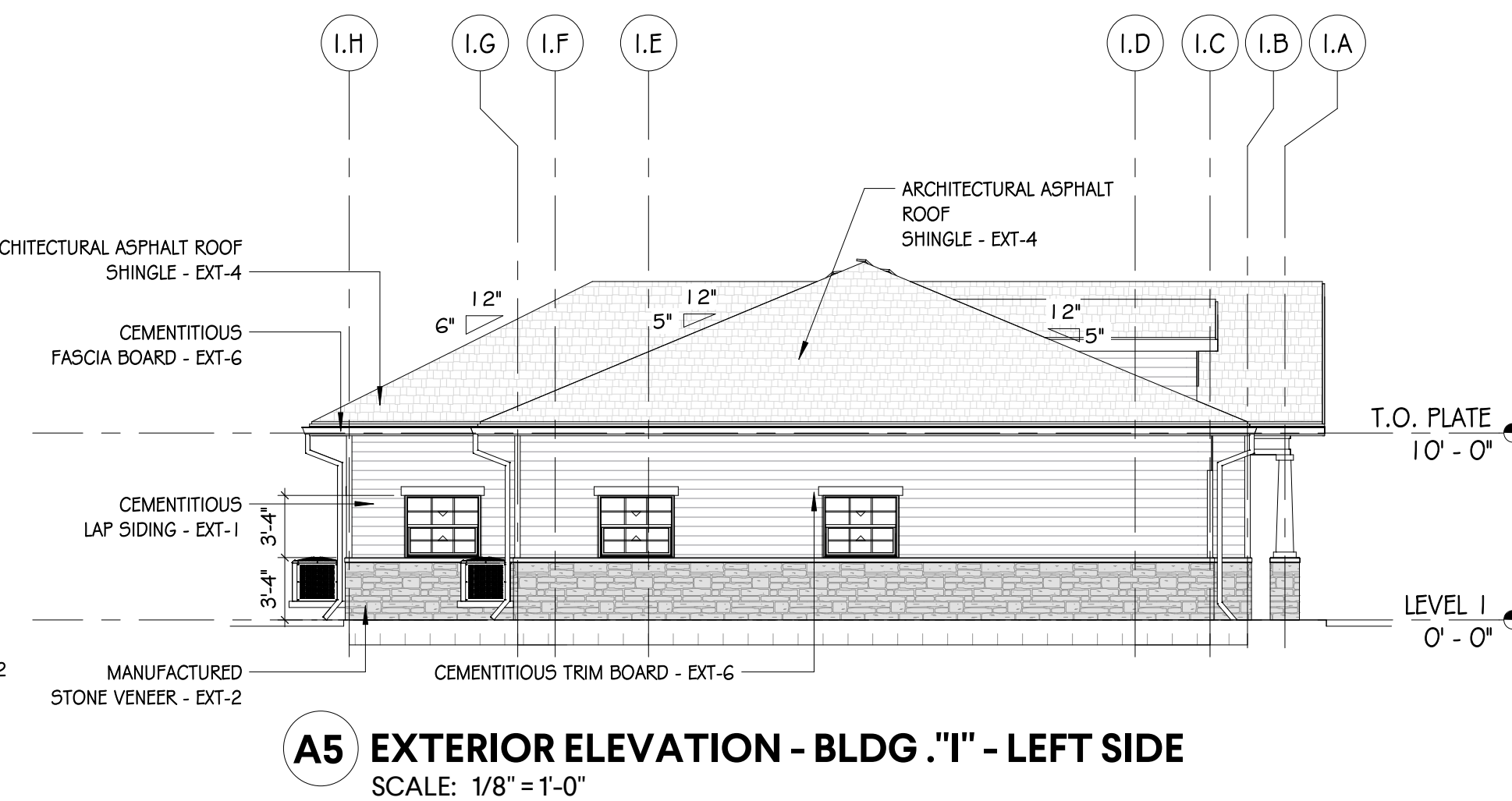
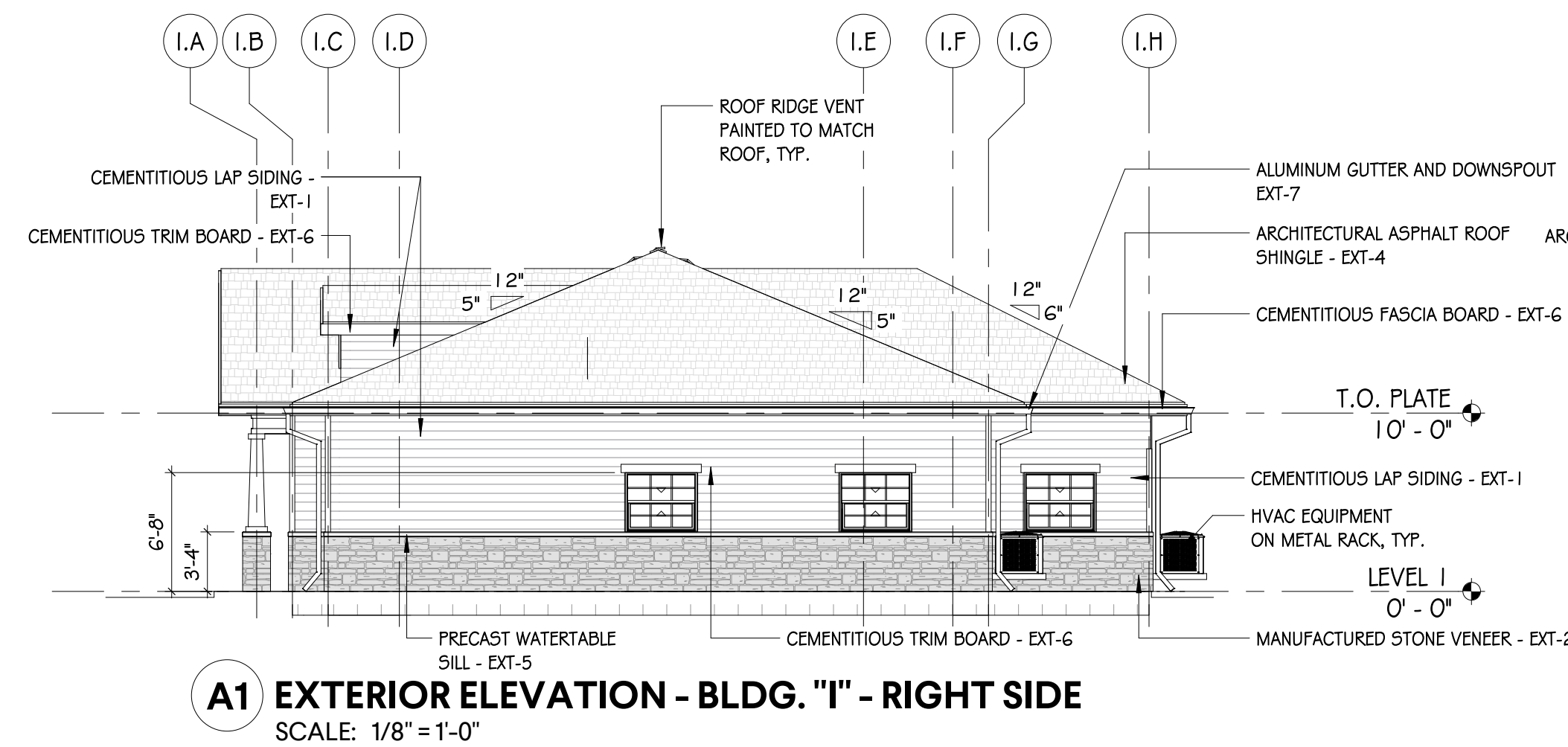
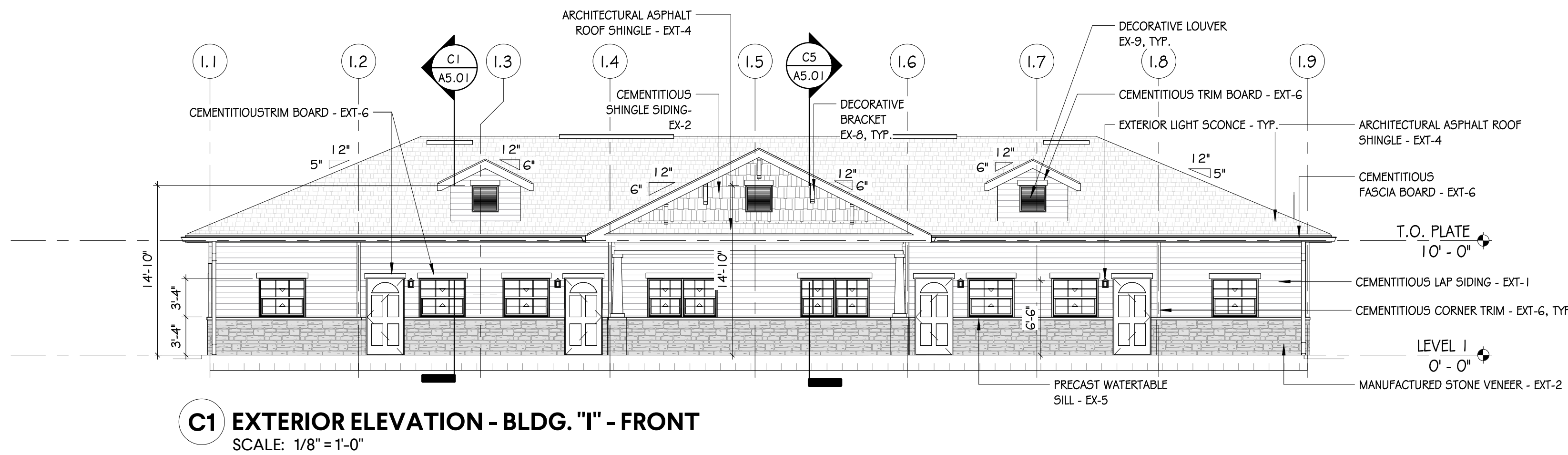
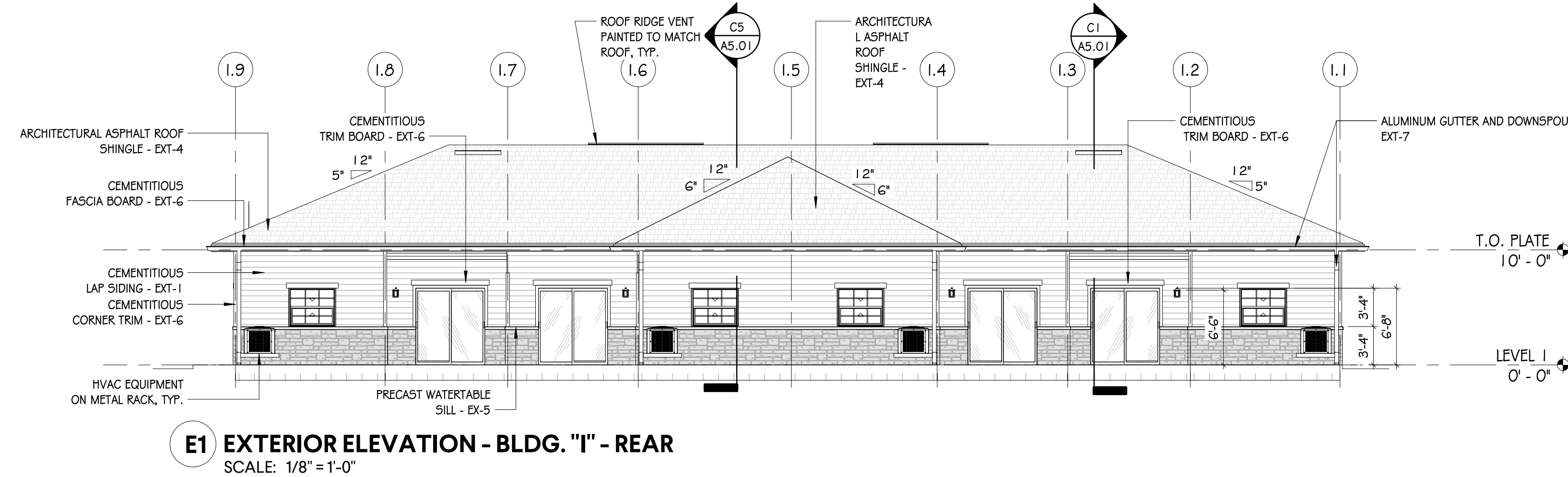




| <b><u>SCHEDULE - EXTERIOR FINISHES</u></b> |                       |                      |                                 |                 |
|--|-----------------------|----------------------|---------------------------------|-----------------|
| MARK                                       | MFR                   | MODEL/SERIES         | DESCRIPTION                     | COLOR           |
| EX-1                                       | JAMES HARDIE PRODUCTS | SELECT CEDARMILL     | H210 HARDIE PLANK LAP SIDING    | LIGHT MIST      |
| EX-2                                       | JAMES HARDIE PRODUCTS | STAGGERED EDGE PANEL | H210 HARDIE SHINGLE             | AGED PEWTER     |
| EX-3                                       | CULTURED STONE        | SCULPTED ASHLAR      | STONE VENEER                    | ECHO RIDGE      |
| EX-4                                       | CERTAINTED            | LANDMARK             | ASPHALT ROOFING SHINGLE         | GEORGETOWN GREY |
| EX-5                                       | CERTAINTED            | CULTURED TRANSITIONS | CAST-FIT WATERABLE/SILL         | INTAGLIO        |
| EX-6                                       | JAMES HARDIE PRODUCTS | SMOOTH               | H210 HARDIE TRIM                | ARCTIC WHITE    |
| EX-7                                       | KYNARR 500            |                      | PRE-FINISH ALUMINUM             | WHITE           |
| EX-8                                       | PYPON PRODUCTS        | BKT 1 9X24X4         | PRE-FINISHED DECORATIVE BRACKET | WHITE           |
| EX-9                                       | PYPON PRODUCTS        | LV24X24              | PRE-FINISH DECORATIVE LOUVER    | WHITE           |

## GENERAL NOTES

- |    |   |
|----|---|
| 1. | PAIN T ALL NON-NOTED MISCELLANEOUS ITEMS TO MATCH ADJACENT REFERENCED FINISH COLOR - UON  |
| 2. | SEE WALL SECTIONS FOR PARTIAL ELEVATIONS NOT SHOWN  |
| 3. | SEE DOOR & WINDOW SCHEDULE FOR ADDITIONAL INFORMATION   |
| 4. | SEE CIVIL DRAWINGS FOR FINISH FLOOR ELEVATIONS IN RELATION TO SEA LEVEL   |
| 5. | CONTRACTOR TO COORDINATE ALL SEALANT AND CAULKING COLOR WITH ADJACENT SURFACE. PROVIDE STANDARD COLOR PALETTE FROM MANUFACTURER DURING SHOP DRAWING SUBMITTAL |

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**MAGNOLIA OAKS**  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

**EXTERIOR  
ELEVATION -  
BLDG. "I"**

# A4.01

|             |     |
|-------------|-----|
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| MARK | MFR                   | MODEL/SERIES         | DESCRIPTION                     | COLOR           |
|------|-----------------------|----------------------|---------------------------------|-----------------|
| EX-1 | JAMES HARDIE PRODUCTS | SELECT CEDARMILL     | H210 HARDIE PLANK LAP SIDING    | LIGHT MIST      |
| EX-2 | JAMES HARDIE PRODUCTS | STAGGERED EDGE PANEL | H210 HARDIE SHINGLE             | AGED PEWEE      |
| EX-3 | CULTURED STONE        | SCULPTED ASHLAR      | STONE VENEER                    | ECHO RIDGE      |
| EX-4 | CERTAINTED            | CULTURED             | ASPHALT ROOFING SHINGLE         | GEORGETOWN GREY |
| EX-5 | CERTAINTED            | LANDMARK TRANSITIONS | CAST-FIT WATERABLESHILL         | INTAGLIO        |
| EX-6 | JAMES HARDIE PRODUCTS | SMOOTH               | H210 HARDIE TRIM                | ARCTIC WHITE    |
| EX-7 | KYNARR 500            |                      | PRE-FINISH ALUMINUM             | WHITE           |
| EX-8 | PLYON PRODUCTS        | BKT 19X24X4          | PRE-FINISHED DECORATIVE BRACKET | WHITE           |
| EX-9 | PLYON PRODUCTS        | LV24X24              | PRE-FINISH DECORATIVE LOUVER    | WHITE           |

1. PAINT ALL NON-NOTED MISCELLANEOUS ITEMS TO MATCH ADJACENT REFERENCED FINISH COLOR - UON
2. SEE WALL SECTIONS FOR PARTIAL ELEVATIONS NOT SHOWN
3. SEE DOOR & WINDOW SCHEDULE FOR ADDITIONAL INFORMATION
4. SEE CIVIL DRAWINGS FOR FINISH FLOOR ELEVATIONS IN RELATION TO SEA LEVEL
5. CONTRACTOR TO COORDINATE ALL SEALANT AND CAULKING COLOR WITH ADJACENT SURFACE. PROVIDE STANDARD COLOR PALETTE FROM MANUFACTURER DURING SHOP DRAWING SUBMITTAL



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**MAGNOLIA OAKS**  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

**BID SET 8-12-2022**

**EXTERIOR -  
ELEVATION -  
BLDG "II"**

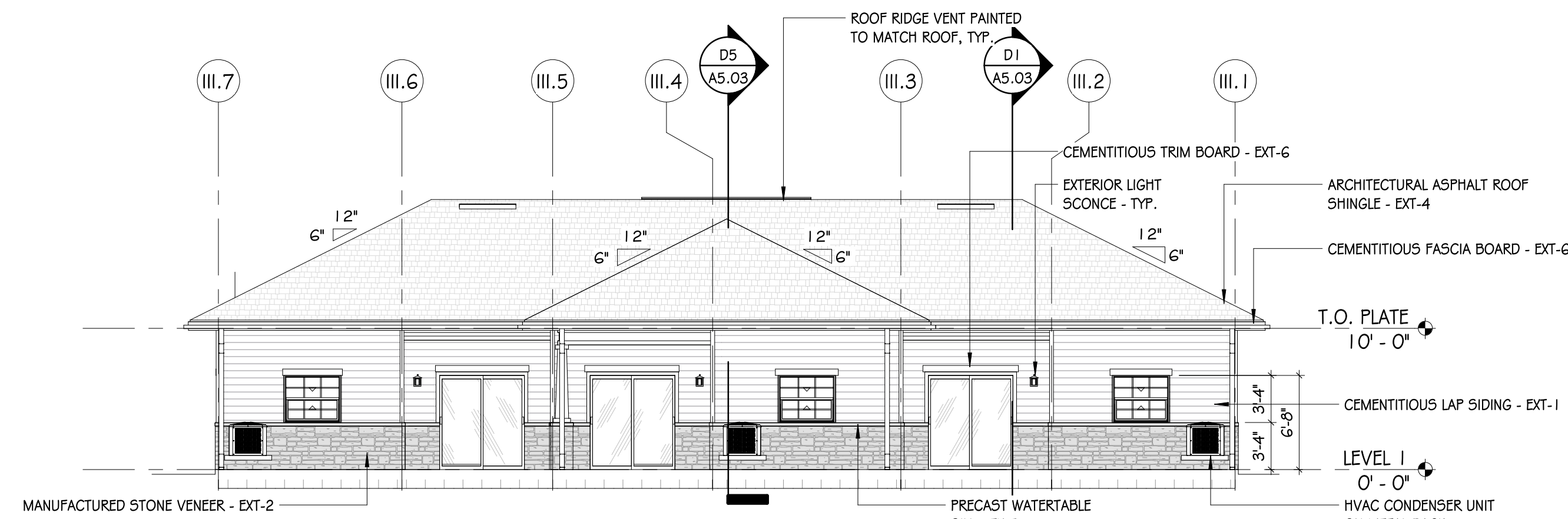
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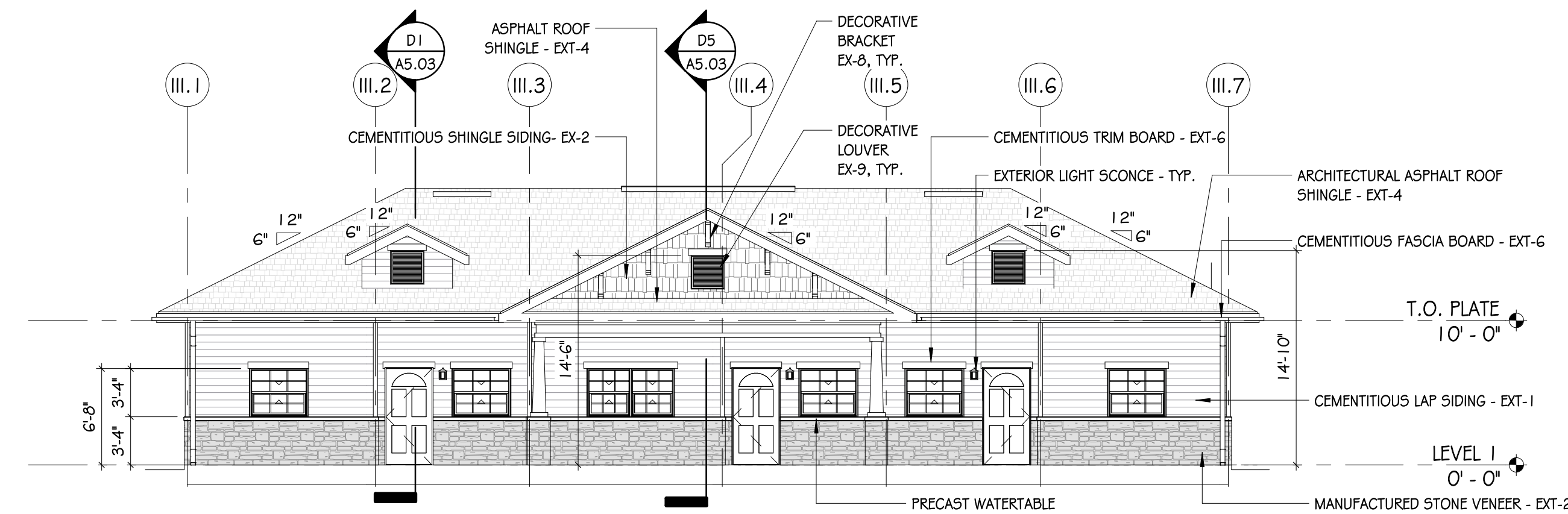
| <b><u>SCHEDULE - EXTERIOR FINISHES</u></b> |                       |                      |                                 |                 |
|--|-----------------------|----------------------|---------------------------------|-----------------|
| MARK                                       | MFR                   | MODEL/SERIES         | DESCRIPTION                     | COLOR           |
| EX-1                                       | JAMES HARDIE PRODUCTS | SELECT CEDARMILL     | H210 HARDIE PLANK LAP SIDING    | LIGHT MIST      |
| EX-2                                       | JAMES HARDIE PRODUCTS | STAGGERED EDGE PANEL | H210 HARDIE SHINGLE             | AGED PEWTER     |
| EX-3                                       | CULTURED STONE        | SCULPTED ASHLAR      | STONE VENEER                    | ECHO RIDGE      |
| EX-4                                       | CERTAINTED            | LANDMARK             | ASPHALT ROOFING SHINGLE         | GEORGETOWN GREY |
| EX-5                                       | CERTAINTED            | CULTURED TRANSITIONS | CAST-IT WATERBATES/SLIL         | INTAGLIO        |
| EX-6                                       | JAMES HARDIE PRODUCTS | SMOOTH               | H210 HARDIE TRIM                | ARCTIC WHITE    |
| EX-7                                       | KYNARR 500            |                      | PRE-FINISH ALUMINUM             | WHITE           |
| EX-8                                       | PYPON PRODUCTS        | BKT 1 9X24X4         | PRE-FINISHED DECORATIVE BRACKET | WHITE           |
| EX-9                                       | PYPON PRODUCTS        | LV24X24              | PRE-FINISH DECORATIVE LOUVER    | WHITE           |

## GENERAL NOTES

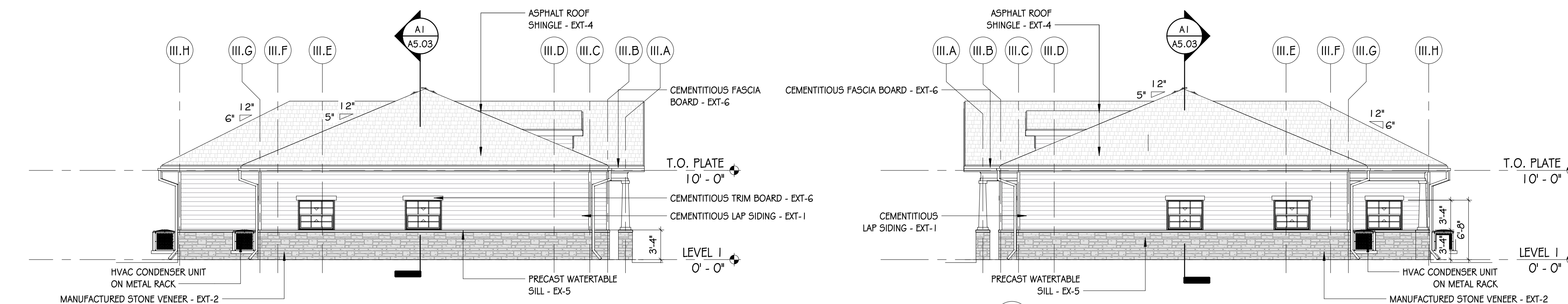
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|----|---|
| 1. | PAIN ALL NON-NOTED MISCELLANEOUS ITEMS TO MATCH ADJACENT REFERENCED FINISH COLOR - UON  |
| 2. | SEE WALL SECTIONS FOR PARTIAL ELEVATIONS NOT SHOWN  |
| 3. | SEE DOOR & WINDOW SCHEDULE FOR ADDITIONAL INFORMATION   |
| 4. | SEE CIVIL DRAWINGS FOR FINISH FLOOR ELEVATIONS IN RELATION TO SEA LEVEL   |
| 5. | CONTRACTOR TO COORDINATE ALL SEALANT AND CAULKING COLOR WITH ADJACENT SURFACE. PROVIDE STANDARD COLOR PALETTE FROM MANUFACTURER DURING SHOP DRAWING SUBMITTAL |



**F1 EXTERIOR ELEVATION - BLDG "III" - REAR**  
SCALE: 1/8" = 1'-0"



**D1 EXTERIOR ELEVATION - BLDG. "III" - FRONT**  
SCALE: 1/8" = 1'-0"



**A1 EXTERIOR ELEVATION - BLDG "III" - LEFT SIDE**  
SCALE: 1/8" = 1'-0"

**A5 EXTERIOR ELEVATION - BLDG "III" - RIGHT SIDE**  
SCALE: 1/8" = 1'-0"

**MAGNOLIA OAKS**  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

**EXTERIOR  
ELEVATION -  
BLDG. "III"**

# A4.03

|      | ISSUE                 | DATE       |
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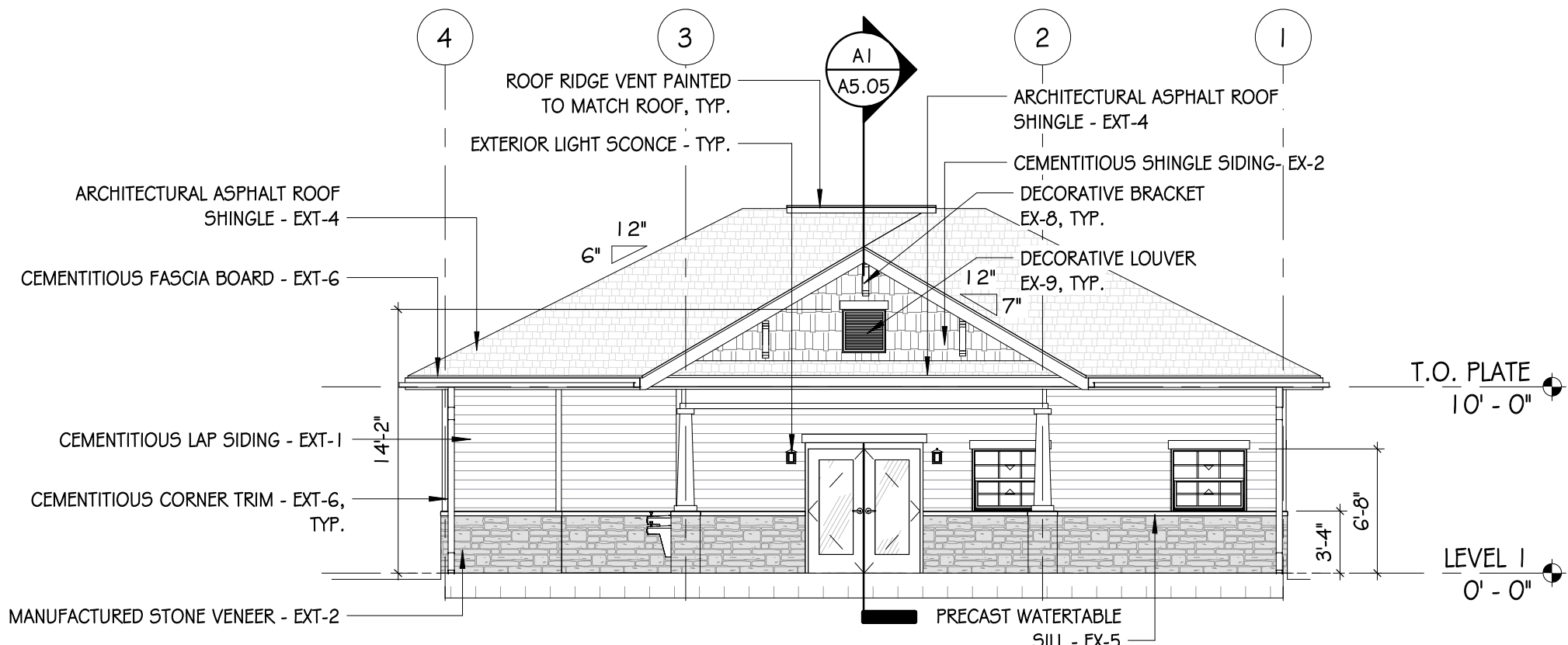
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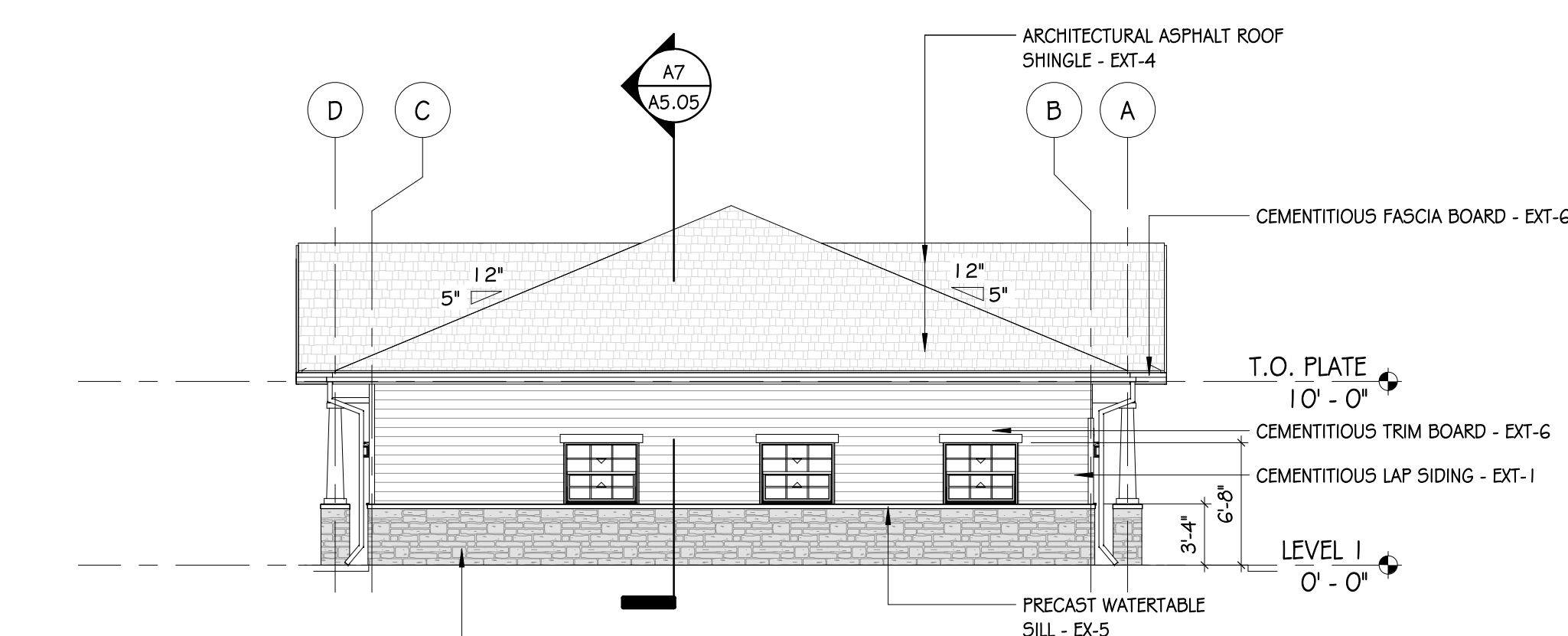




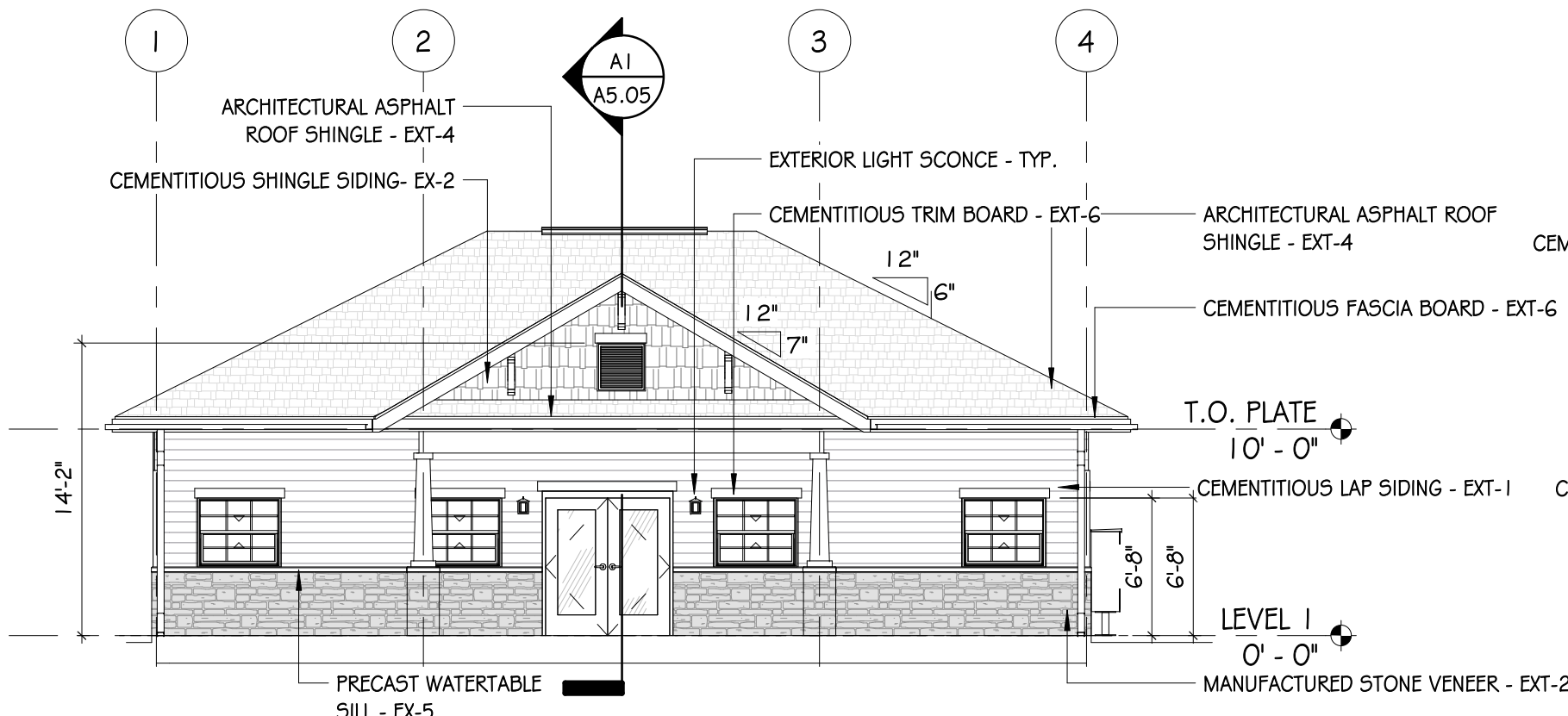




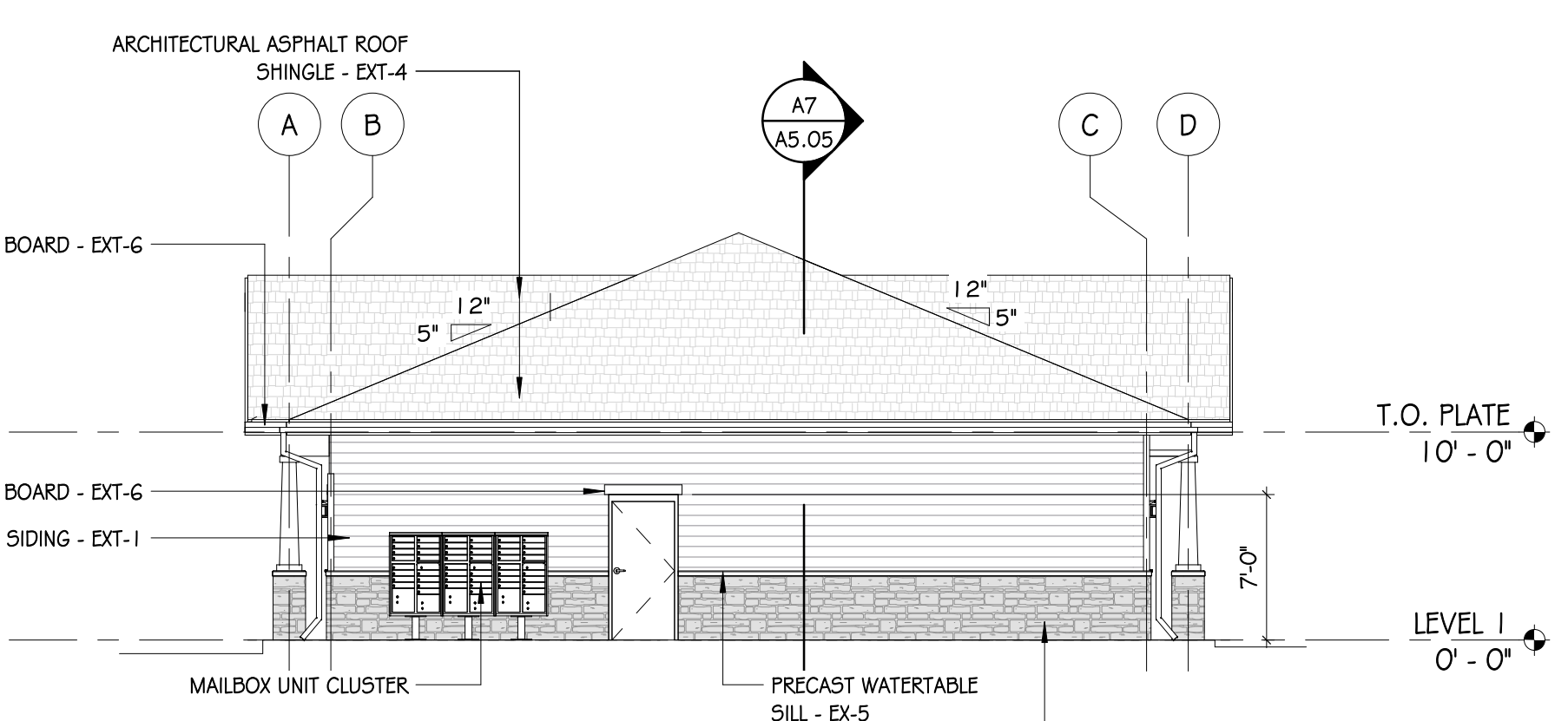
**C1 EXTERIOR ELEVATION - CLUBHOUSE - REAR**  
SCALE: 1/8" = 1'-0"



**C5 EXTERIOR ELEVATION - CLUBHOUSE - LEFT SIDE**  
SCALE: 1/8" = 1'-0"



**A1 EXTERIOR ELEVATION - CLUBHOUSE - FRONT**  
SCALE: 1/8" = 1'-0"



**A5 EXTERIOR ELEVATION - CLUBHOUSE - RIGHT SIDE**  
SCALE: 1/8" = 1'-0"

**SCHEDULE - EXTERIOR FINISHES**

| MARK | MFR                   | MODEL/SERIES         | DESCRIPTION                     | COLOR           |
|------|-----------------------|----------------------|---------------------------------|-----------------|
| EX-1 | JAMES HARDIE PRODUCTS | SELECT CEDARMILL     | HZ10 HARDIE PLANK LAP SIDING    | LIGHT MIST      |
| EX-2 | JAMES HARDIE PRODUCTS | STAGGERED EDGE PANEL | HZ10 HARDIE SHINGLE             | AGED PEWTER     |
| EX-3 | CULTURED STONE        | SCULPTED ASHLAR      | STONE VENEER                    | ECHO RIDGE      |
| EX-4 | CERTAINTED            | LANDMARK             | ASPHALT ROOFING SHINGLE         | GEORGETOWN GREY |
| EX-5 | CERTAINTED            | CULTURED TRANSITIONS | CAST-FIT WATERTABLE/SILL        | INTAGLIO        |
| EX-6 | JAMES HARDIE PRODUCTS | SMOOTH               | HZ10 HARDIE TRIM                | ARCTIC WHITE    |
| EX-7 | KYNARR 500            |                      | PRE-FINISH ALUMINUM             | WHITE           |
| EX-8 | FYPON PRODUCTS        | BKT19X24X4           | PRE-FINISHED DECORATIVE BRACKET | WHITE           |
| EX-9 | FYPON PRODUCTS        | LV24X24              | PRE-FINISH DECORATIVE LOUVER    | WHITE           |

**GENERAL NOTES**

1. PAINT ALL NON-NOTED MISCELLANEOUS ITEMS TO MATCH ADJACENT REFERENCED FINISH COLOR - UON
2. SEE WALL SECTIONS FOR PARTIAL ELEVATIONS NOT SHOWN
3. SEE DOOR & WINDOW SCHEDULE FOR ADDITIONAL INFORMATION
4. SEE CIVIL DRAWINGS FOR FINISH FLOOR ELEVATIONS IN RELATION TO SEA LEVEL
5. CONTRACTOR TO COORDINATE ALL SEALANT AND CAULKING COLOR WITH ADJACENT SURFACE. PROVIDE STANDARD COLOR PALETTE FROM MANUFACTURER DURING SHOP DRAWING SUBMITTAL

**MAGNOLIA OAKS**  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

100% CONSTRUCTION DOCS SET

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06/28/2022

07/27/2022

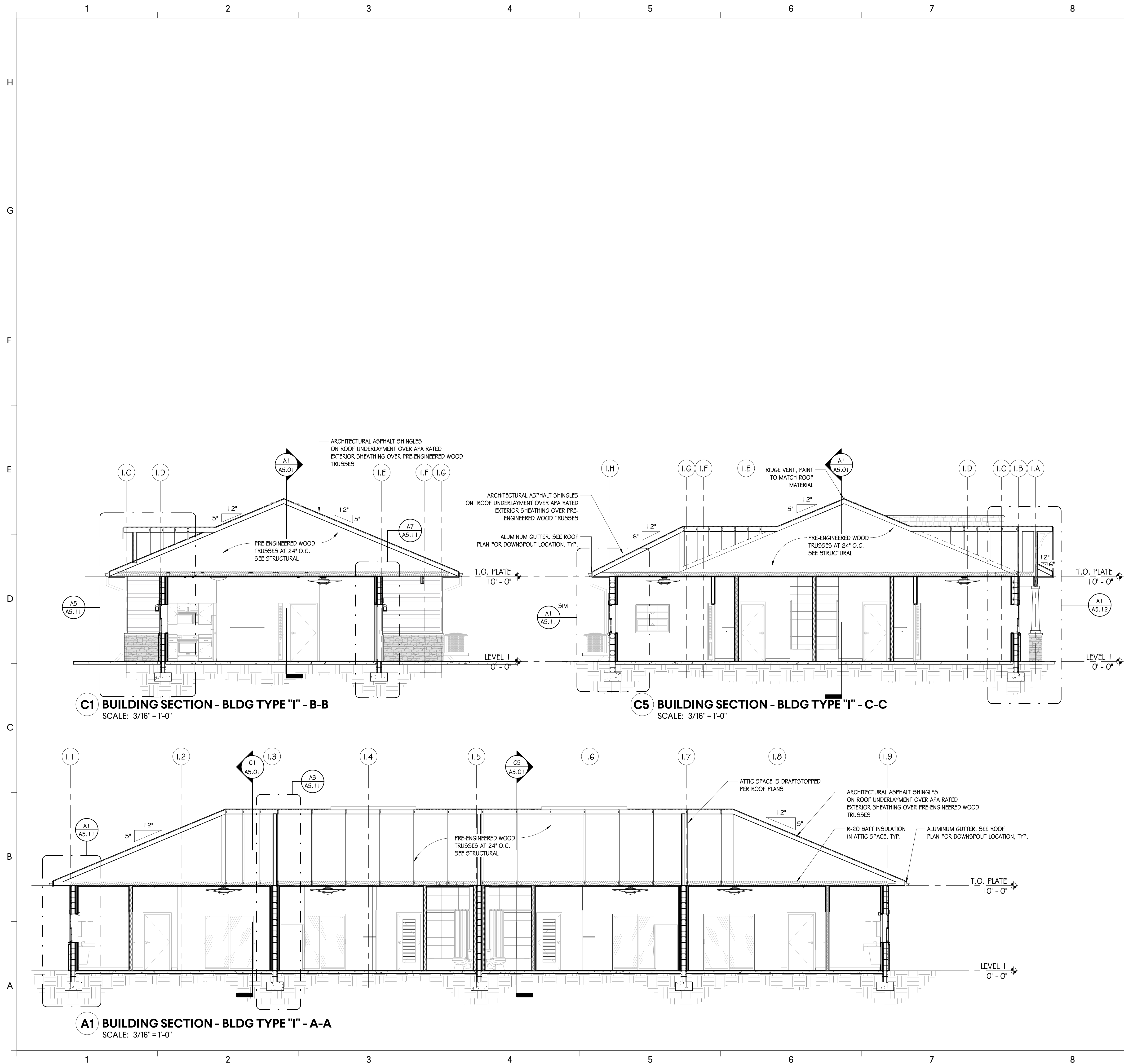
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**EXTERIOR  
ELEVATION -  
CLUBHOUSE**

**A4.05**

**GMC**





## GENERAL NOTES

1. PROVIDE P.T. BLOCKING FOR GRAB BARS AND TOILET ACCESSORIES IN BATHROOMS.
2. FOR UNIT PLANS, SEE SHEET A1.1 | ENLARGED UNIT PLANS
3. ALL INTERIOR WALL TO BE 3-1/2" WOOD FRAMING, U.O.N.
4. ALL EXTERIOR WALLS TO BE DIMENSIONED TO THE EXTERIOR FACE OF CONCRETE BLOCK OR EXTERIOR FACE OF STUD.
5. PROVIDE 5/8" WATER-RESISTANCE GWB IN LIEU OF TYPICAL GWB AT ALL WET AREAS INCLUDING, BUT NOT LIMITED, BATHROOMS OR SHOWER AREAS.
6. ALL SHELVING CONFIGURATION TO BE VINYL COATED WIRE.
7. AT INTERIOR WALLS, PROVIDE BATT INSULATION IN BATHROOM AREAS, REFER TO ENLARGED UNIT PLAN FOR LOCATION
8. PROVIDE 5LB MULTI- FIRE EXTINGUISHER IN KITCHEN SINK CABINET

## MAGNOLIA OAKS

7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

**BUILDING  
SECTIONS - BLDG.  
TYPE "I"**

# A5.01

| ISSUE | DATE |
|-------|------|
|-------|------|

| 100% DATE                  | 100% DATE  |
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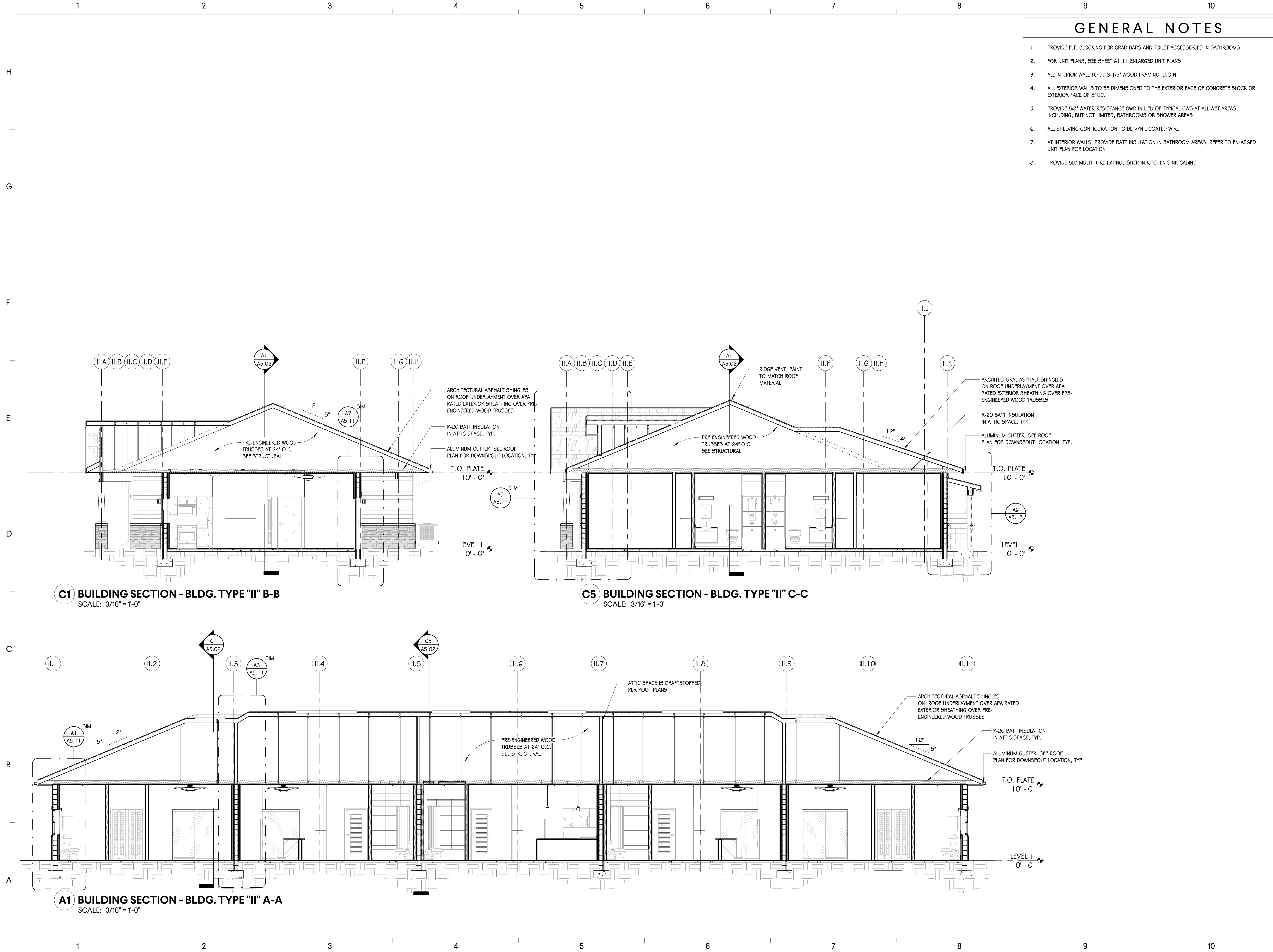
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GENERAL NOTES

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BUILDING  
SECTIONS - BLDG.  
TYPE "II"

MAGNOLIA OAKS  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

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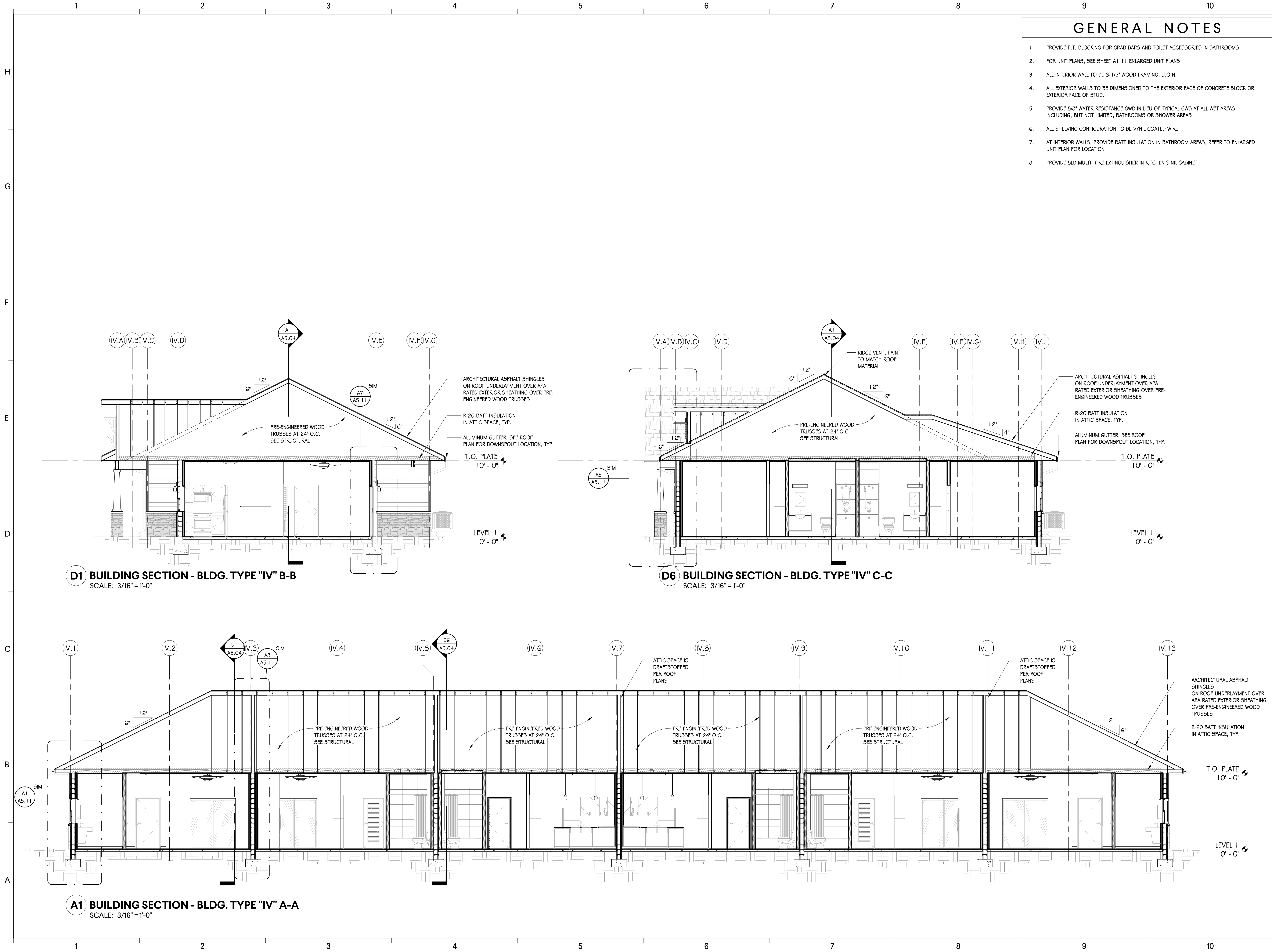
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BUILDING  
SECTIONS - BLDG.  
TYPE "IV"

A5.04

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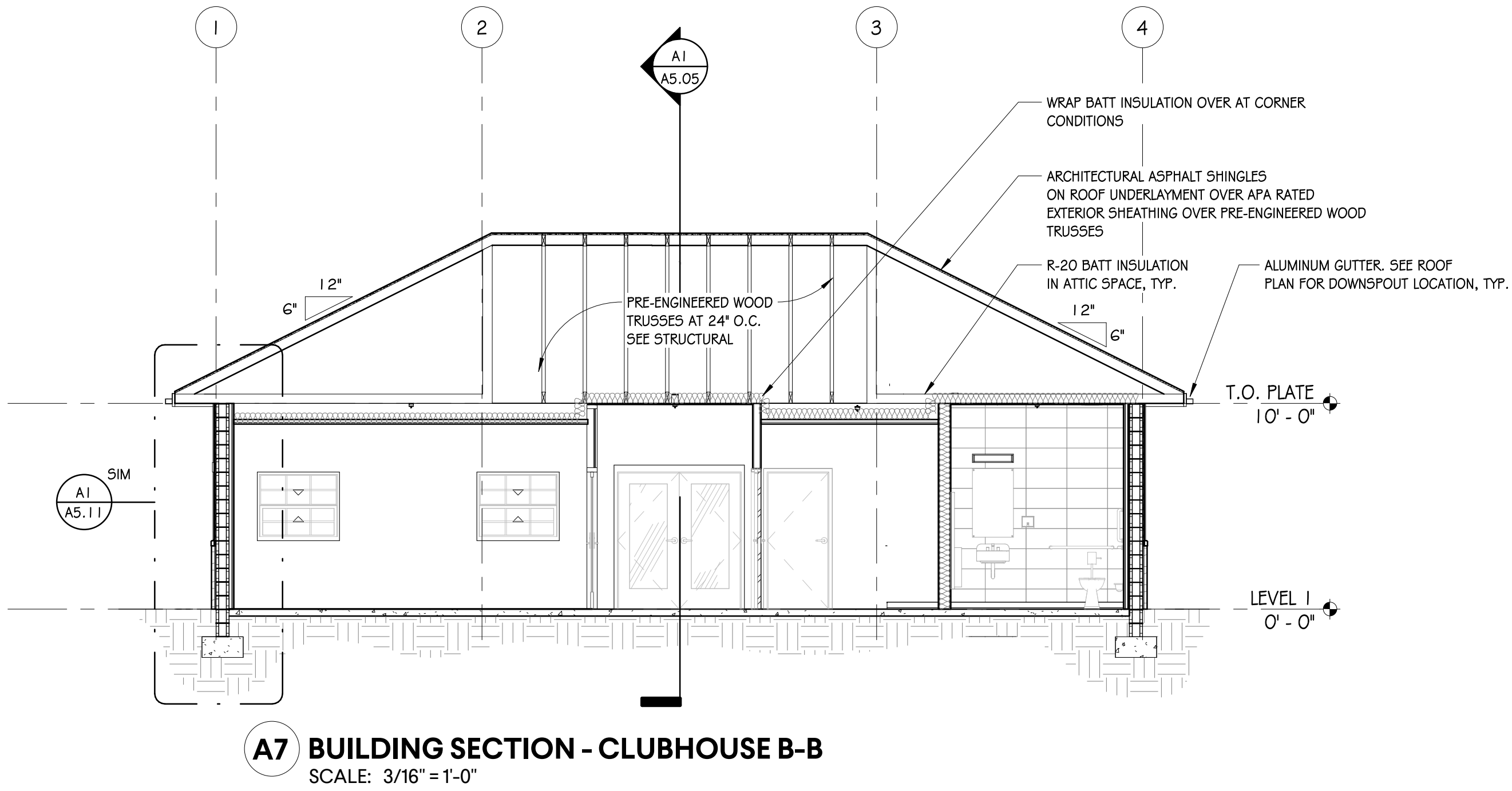
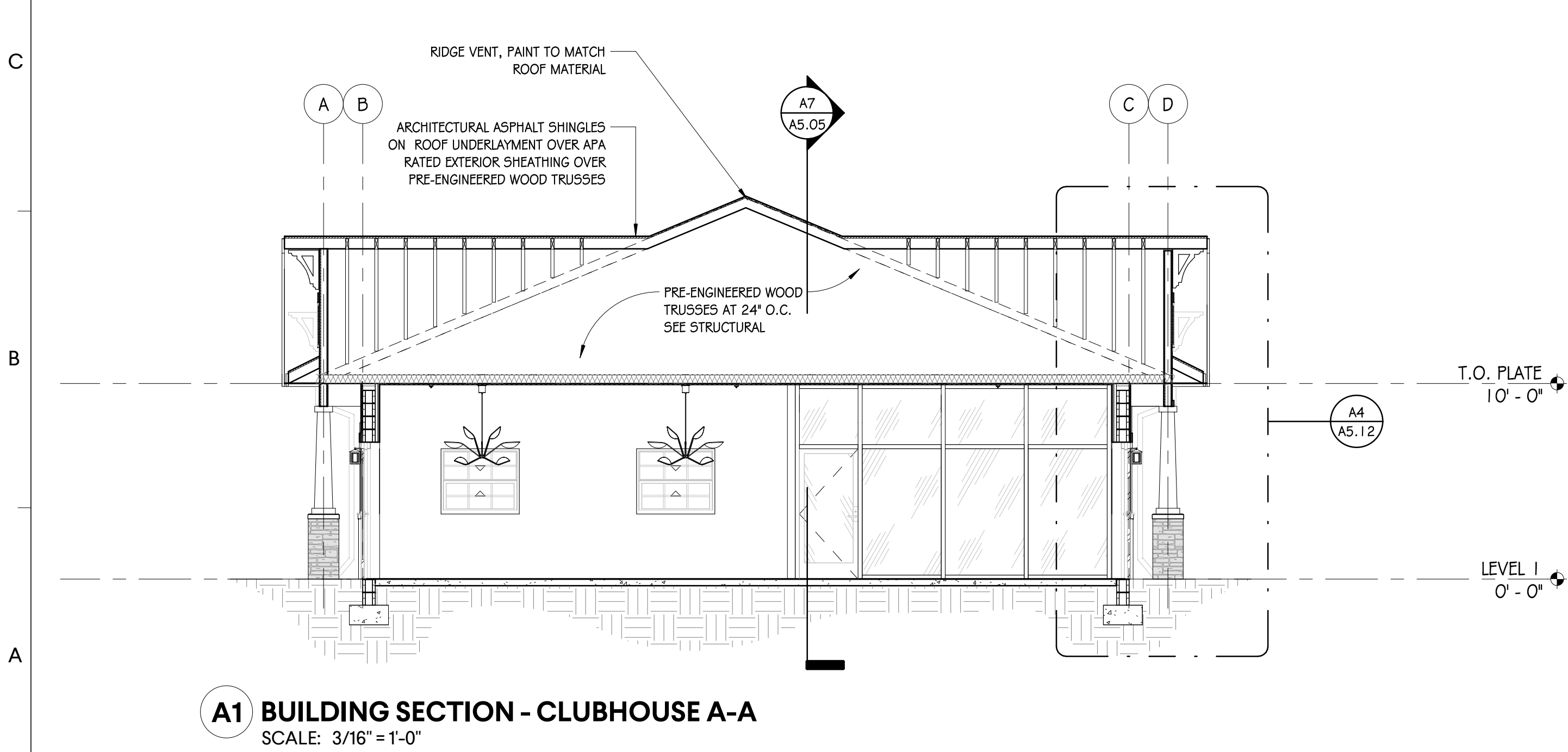
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BUILDING  
SECTIONS -  
CLUBHOUSE

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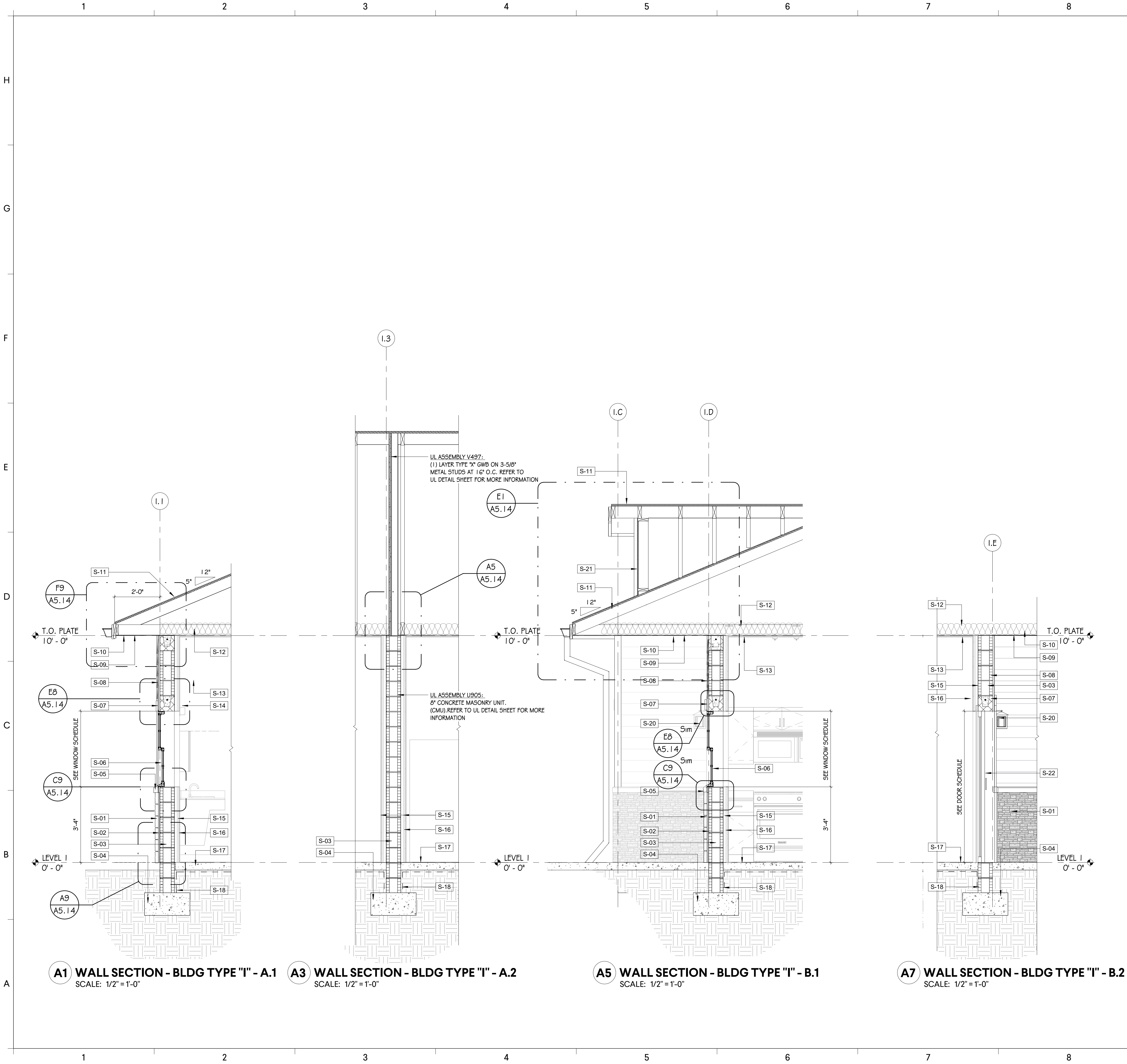
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KEY NOTES - WALL SECTION

| NUMBER | DESCRIPTION  |
|--------|--|
| S-01   | STONE VENEER MORTAR SETTING BED OVER MORTAR SCRATCH COAT   |
| S-02   | FLUID APPLIED WEATHER RESISTIVE BARRIER  |
| S-03   | 8" CMU   |
| S-04   | CONCRETE FOUNDATION. REFER TO STRUCTURAL DRAWINGS  |
| S-05   | PRE-MANUFACTURED CONCRETE WATERTABLE SILL  |
| S-06   | INSULATED VINYL WINDOW INSTALLED AS PER MANUFACTURERS SPECIFICATIONS   |
| S-07   | CEMENTITIOUS TRIM. SEE EXTERIOR ELEVATIONS   |
| S-08   | CEMENTITIOUS LAP SIDING ON APA RATED FURRING STRIP OVER FLUID APPLIED WEATHER BARRIER. SEE EXTERIOR ELEVATIONS         |
| S-09   | CEMENTITIOUS SOFFIT. SEE RCPs  |
| S-10   | SOFFIT VENT AS REQUIRED  |
| S-11   | ARCHITECTURAL ASPHALT SHINGLES ON ROOF UNDERLAYMENT OVER APA RATED EXTERIOR SHEATHING OVER PRE-ENGINEERED WOOD TRUSSES |
| S-12   | THERMAL BATT INSULATION; PROVIDE MIN 1" AIR SPACE BETWEEN INSULATION AND DECK.   |
| S-13   | GYP SUM BOARD CEILING. SEE RCPs  |
| S-14   | LIGHT FIXTURE. SEE ELECTRICAL  |
| S-15   | 1 1/2" METAL FURRING CHANNEL W/ RIGID INSULATION   |
| S-16   | 5/8" GYP SUM BOARD   |
| S-17   | CONCRETE SLAB. SEE STRUCTURAL. SEE FINISH PLAN   |
| S-18   | 15 MIL VAPOR BARRIER, TYP.   |
| S-19   | THERMAL BATT INSULATION  |
| S-20   | EXTERIOR LIGHT FIXTURE. SEE ELECTRICAL   |
| S-21   | CEMENTITIOUS SHINGLE SIDING . SEE EXTERIOR ELEVATIONS  |
| S-22   | VINYL EXTERIOR DOOR. SEE DOOR SCHEDULE   |
| S-23   | PRE-FINISHED DECORATIVE BRACKET  |
| S-24   | PRE-FINISHED DECORATIVE LOUVER   |
| S-25   | 6x6 WOOD COLUMN. SEE STRUCTURAL  |
| S-26   | METAL COLUMN BASE. SEE STRUCTURAL  |
| S-27   | POLYURETHANE COLUMN WRAP. SEE SPECS  |
| S-28   | 2X P.T. WOOD FRAMED  |
| S-29   | P.T. WOOD BEAM. SEE STRUCTURAL   |
| S-30   | METAL COLUMN CAP AT CORNER. SEE STRUCTURAL   |

WALL SECTIONS

MAGNOLIA OAKS  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

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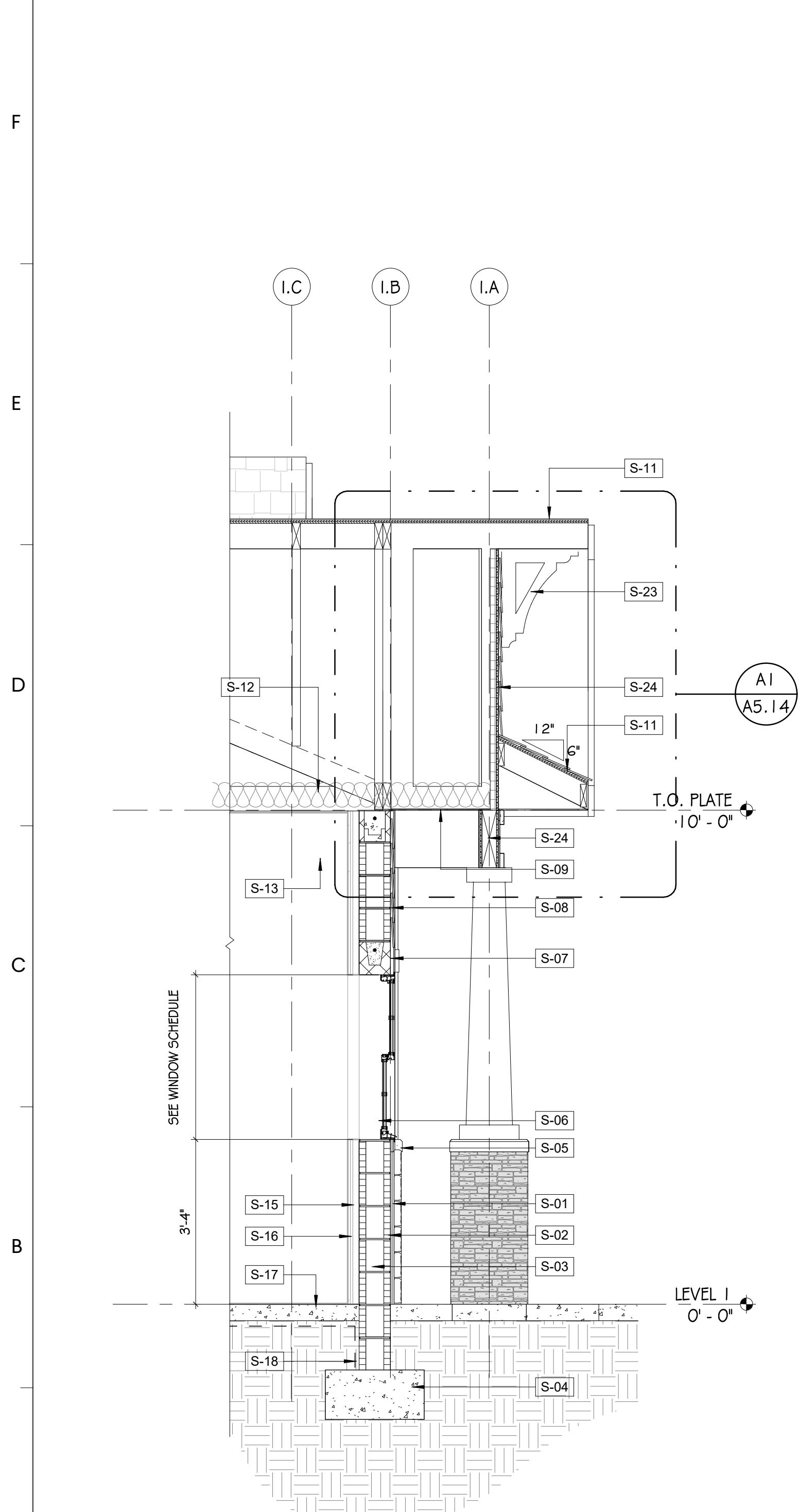
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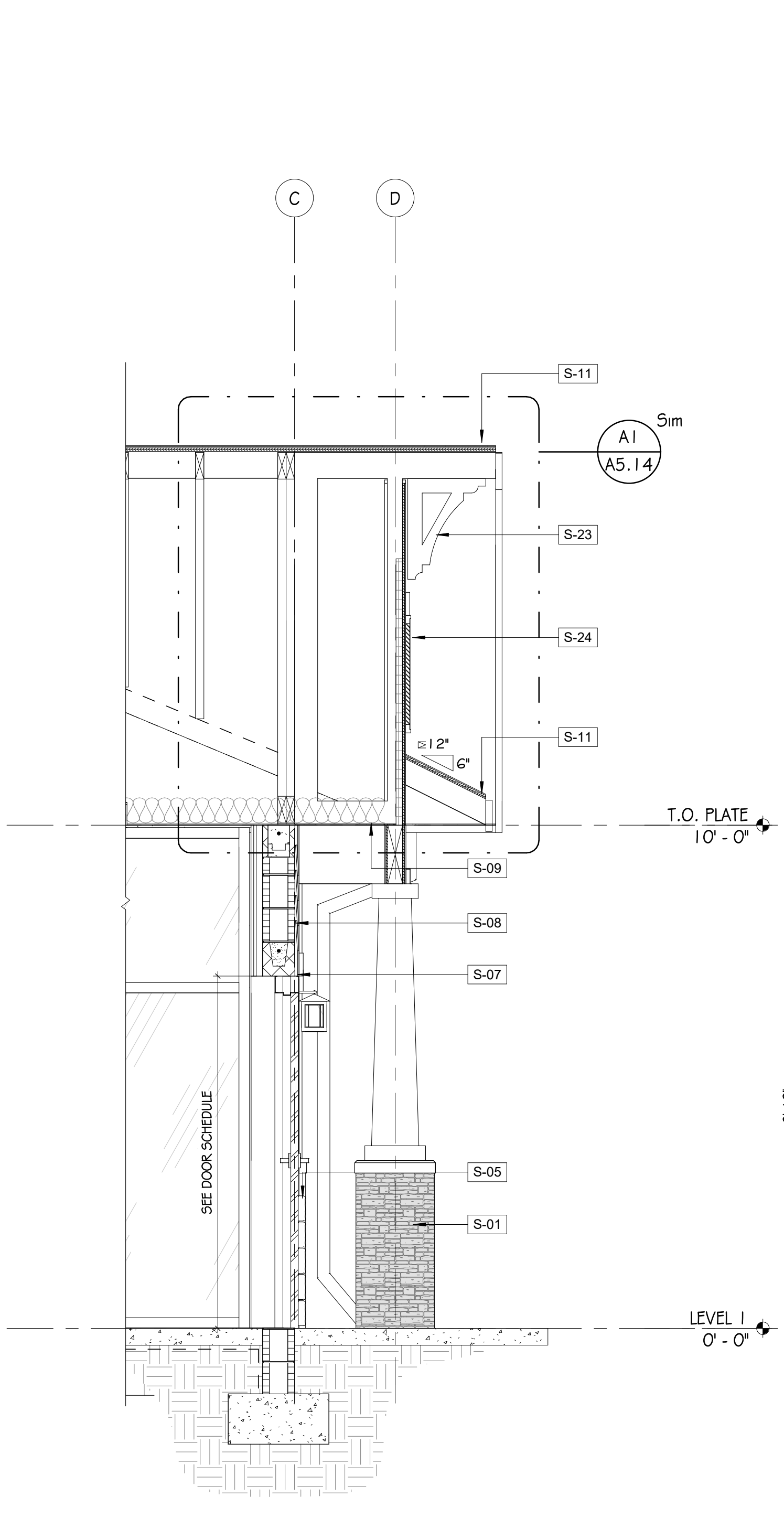
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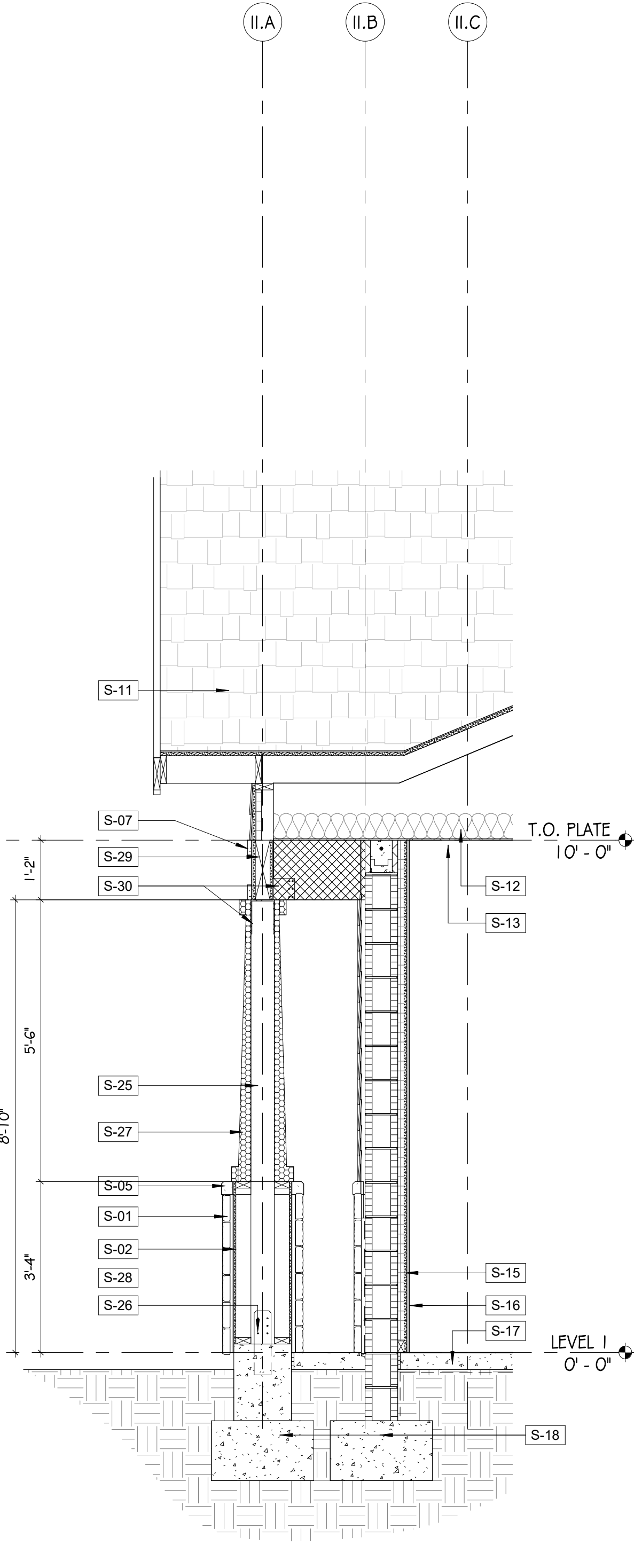




**A1 WALL SECTION - BLDG TYPE "I" - C.1**  
SCALE: 1/2" = 1'-0"



**A4 WALL SECTION - CLUBHOUSE A.1**  
SCALE: 1/2" = 1'-0"



**A6 WALL SECTION - TYP. COLUMN**  
SCALE: 1/2" = 1'-0"

## GENERAL NOTES

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8. PROVIDE 5LB MULTI- FIRE EXTINGUISHER IN KITCHEN SINK CABINET

## KEY NOTES - WALL SECTION

| NUMBE<br>R | DESCRIPTION  |
|------------|--|
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| S-03       | 8" CMU   |
| S-04       | CONCRETE FOUNDATION. REFER TO STRUCTURAL DRAWINGS  |
| S-05       | PRE-MANUFACTURED CONCRETE WATERTABLE SILL  |
| S-06       | INSULATED VINYL WINDOW INSTALLED AS PER MANUFACTURERS SPECIFICATIONS   |
| S-07       | CEMENTITIOUS TRIM. SEE EXTERIOR ELEVATIONS   |
| S-08       | CEMENTITIOUS LAP SIDING ON APA RATED FURRING STRIP OVER FLUID APPLIED WEATHER BARRIER. SEE EXTERIOR ELEVATIONS         |
| S-09       | CEMENTITIOUS SOFFIT. SEE RCPs  |
| S-10       | SOFFIT VENT AS REQUIRED  |
| S-11       | ARCHITECTURAL ASPHALT SHINGLES ON ROOF UNDERLAYMENT OVER APA RATED EXTERIOR SHEATHING OVER PRE-ENGINEERED WOOD TRUSSES |
| S-12       | THERMAL BATT INSULATION; PROVIDE MIN 1" AIR SPACE BETWEEN INSULATION AND DECK.   |
| S-13       | GYPSUM BOARD CEILING. SEE RCPs   |
| S-14       | LIGHT FIXTURE. SEE ELECTRICAL  |
| S-15       | 1 1/2" METAL FURRING CHANNEL W/ RIGID INSULATION   |
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| S-28       | 2X P.T. WOOD FRAMED  |
| S-29       | P.T. WOOD BEAM. SEE STRUCTURAL   |
| S-30       | METAL COLUMN CAP AT CORNER. SEE STRUCTURAL   |

## WALL SECTIONS

**MAGNOLIA OAKS**  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

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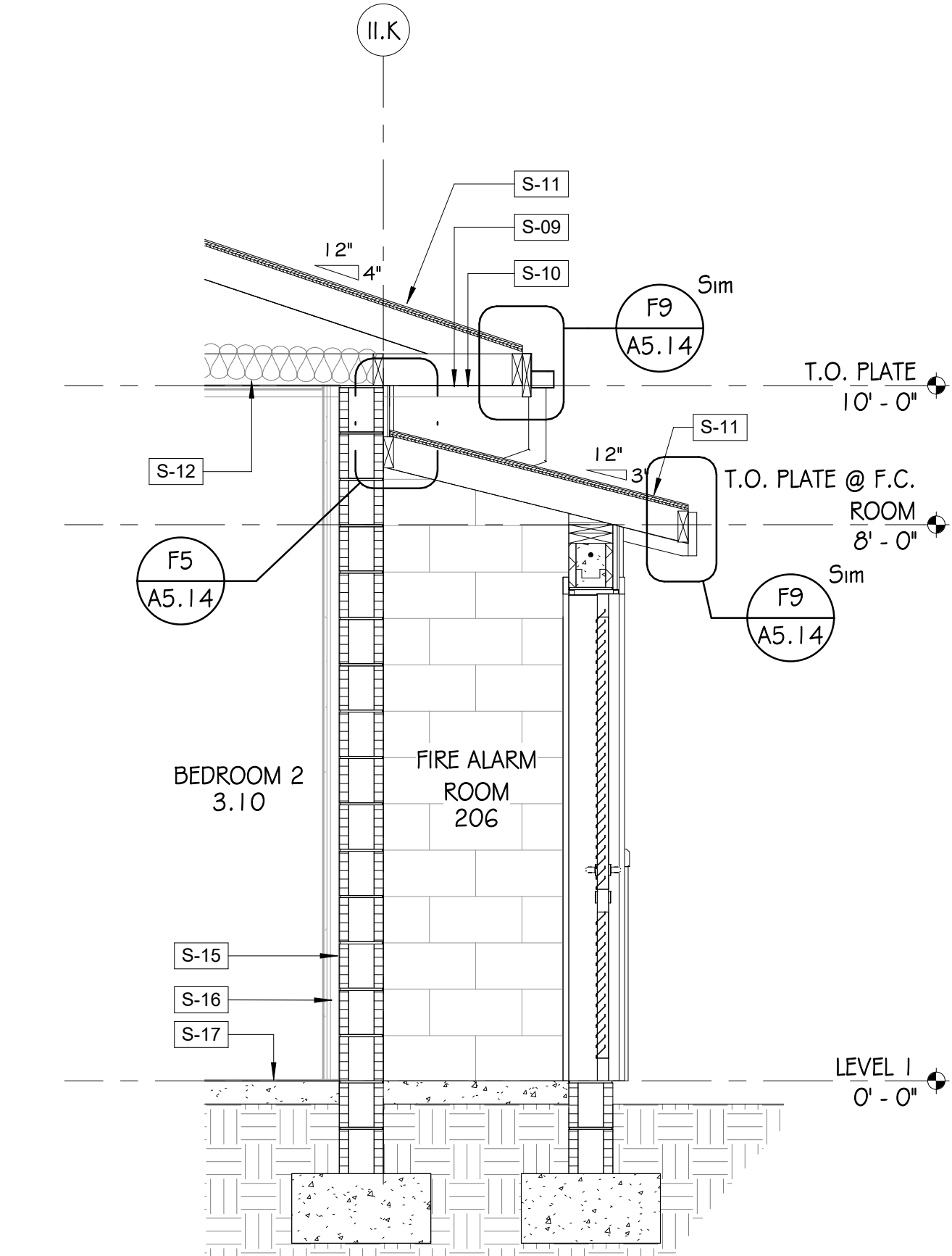
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A5.12



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B  
C  
D  
E  
F  
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## GENERAL NOTES

- PROVIDE P.T. BLOCKING FOR GRAB BARS AND TOILET ACCESSORIES IN BATHROOMS.
- FOR UNIT PLANS, SEE SHEET A1.1.1 ENLARGED UNIT PLANS
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## WALL SECTIONS

MAGNOLIA OAKS  
7240 & 7338  
MASSACHUSETTS AVE  
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A5.13

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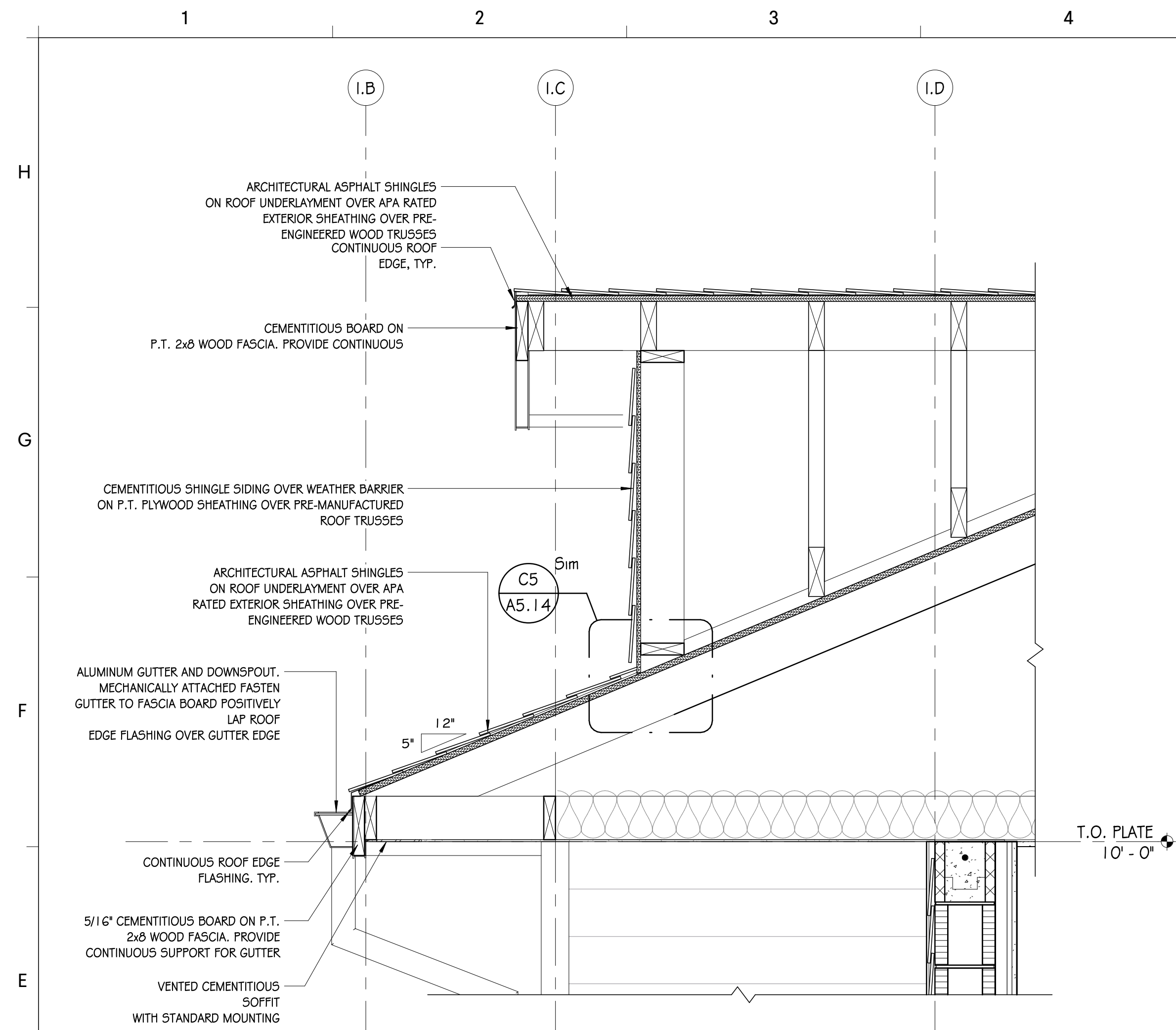
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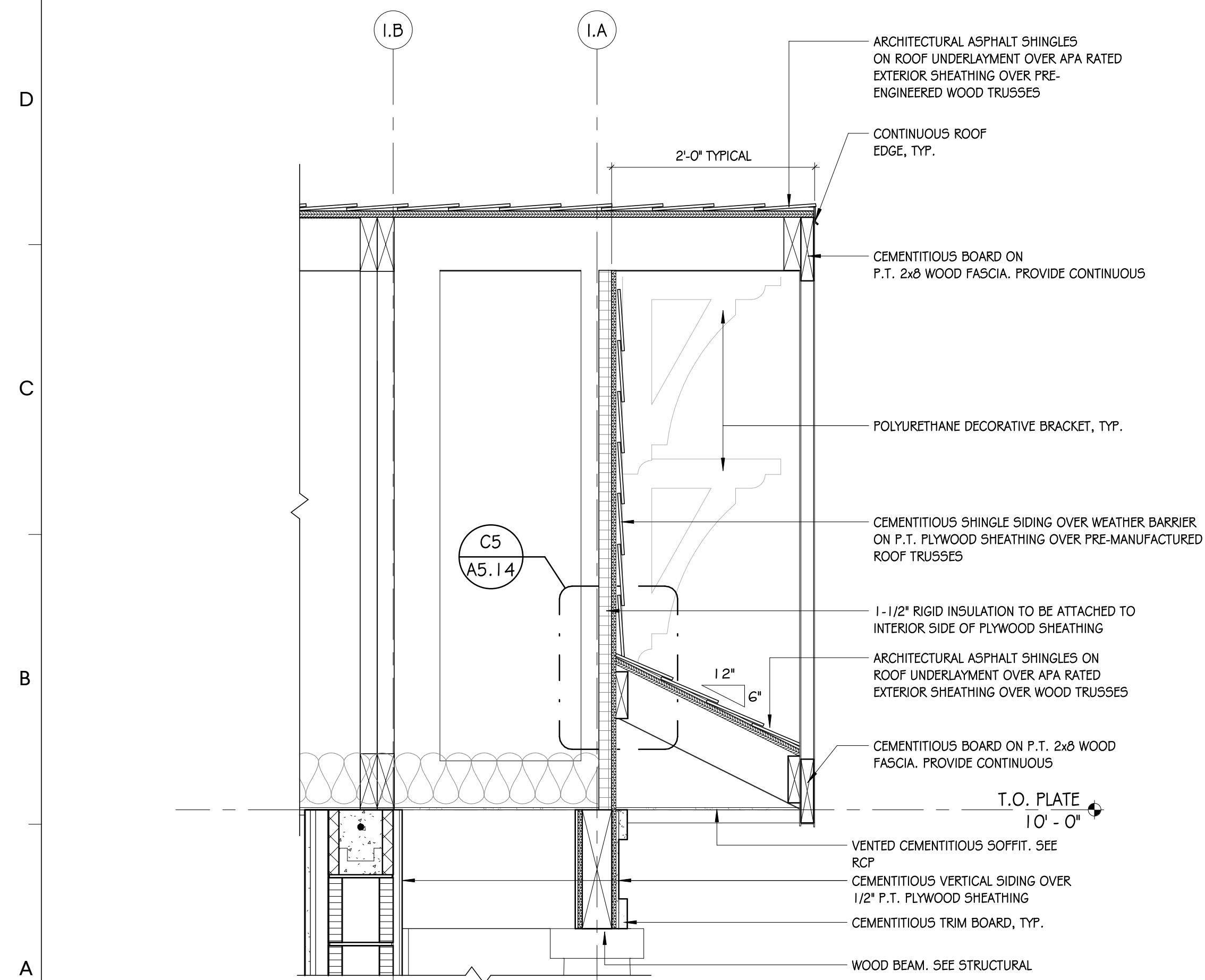
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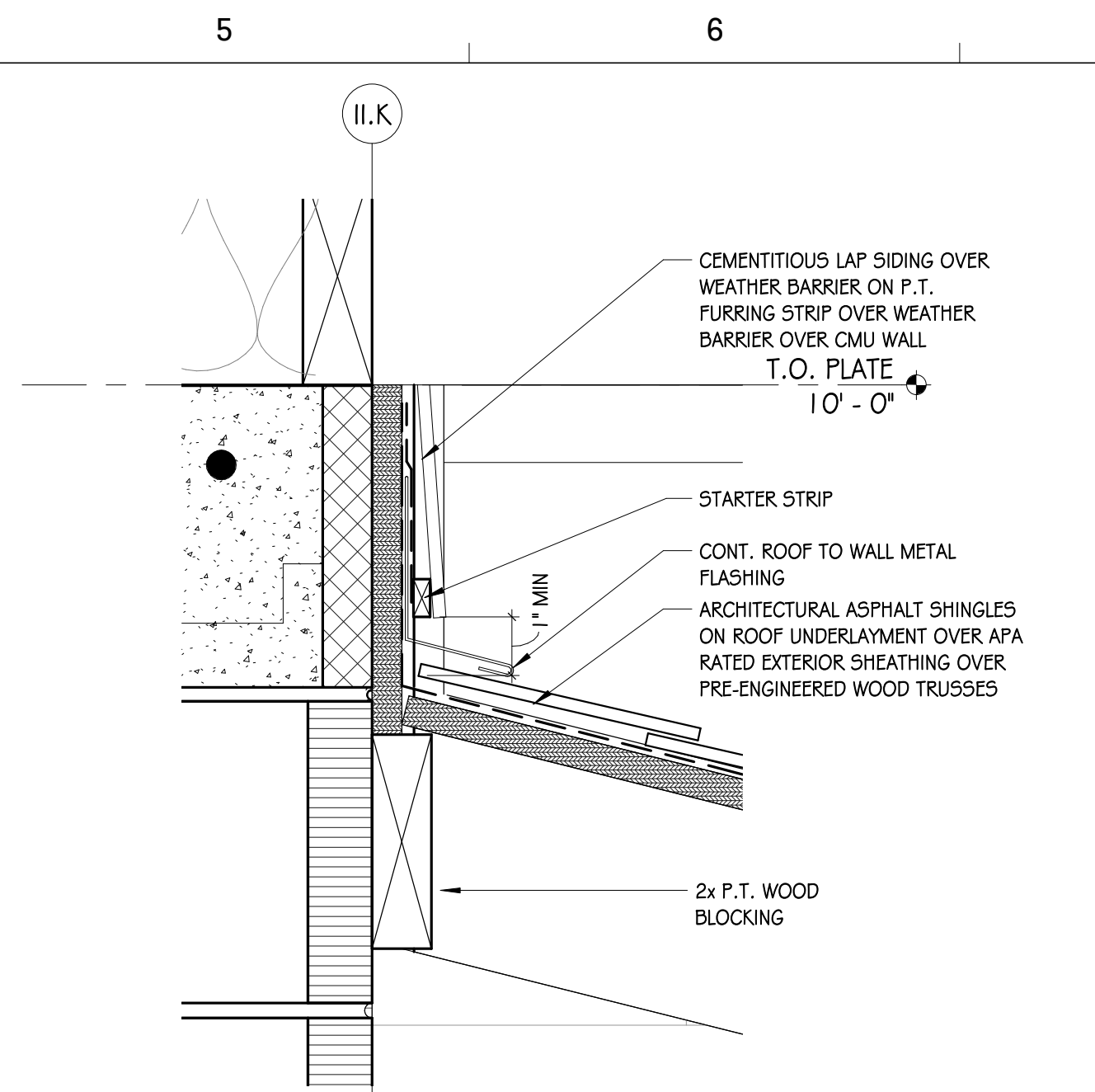




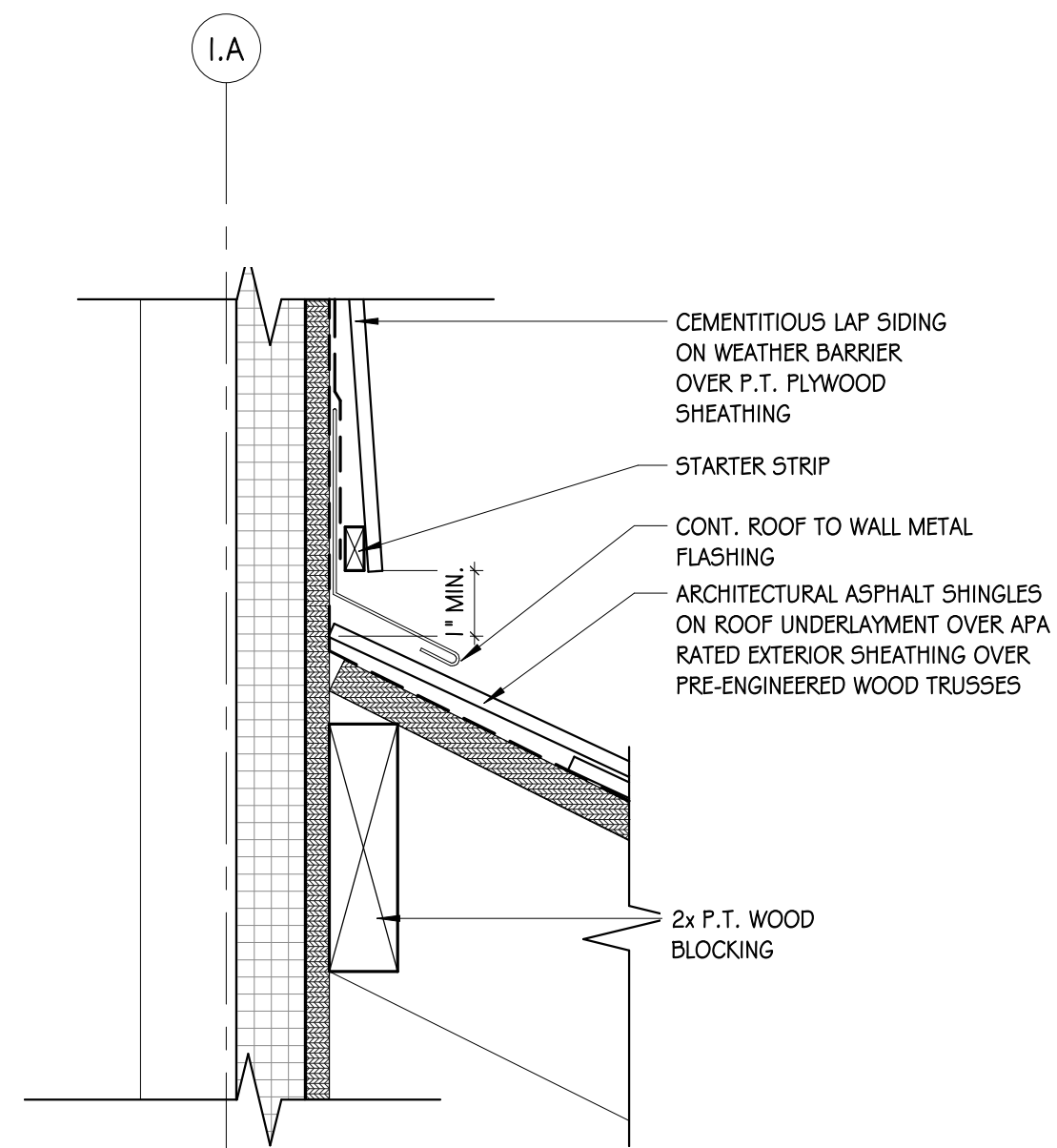
**E1 ENLARGED DETAIL AT DORMER ROOF**  
SCALE: 1" = 1'-0"



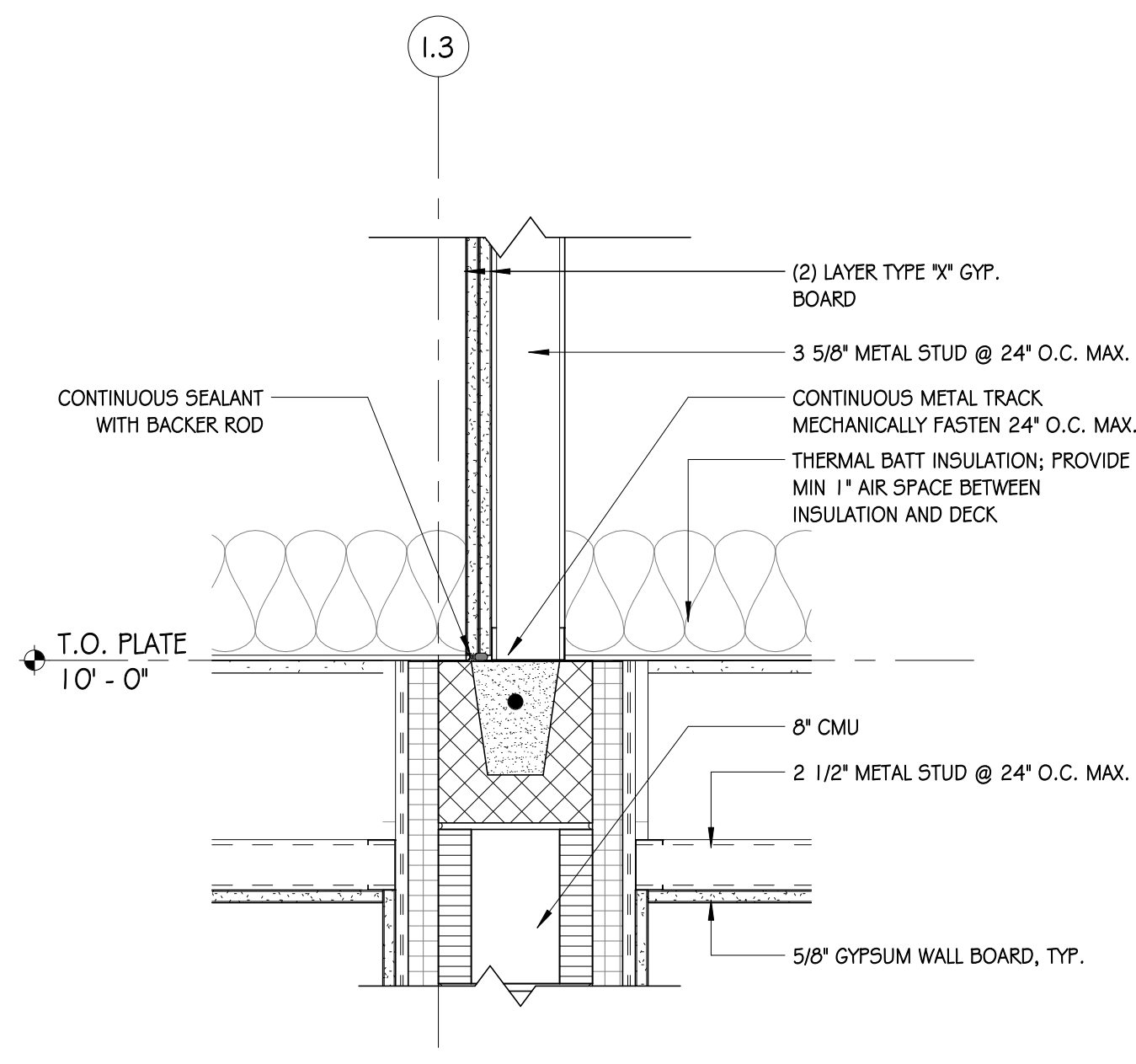
**A1 ENLARGED DETAIL AT GABLE ROOF**  
SCALE: 1" = 1'-0"



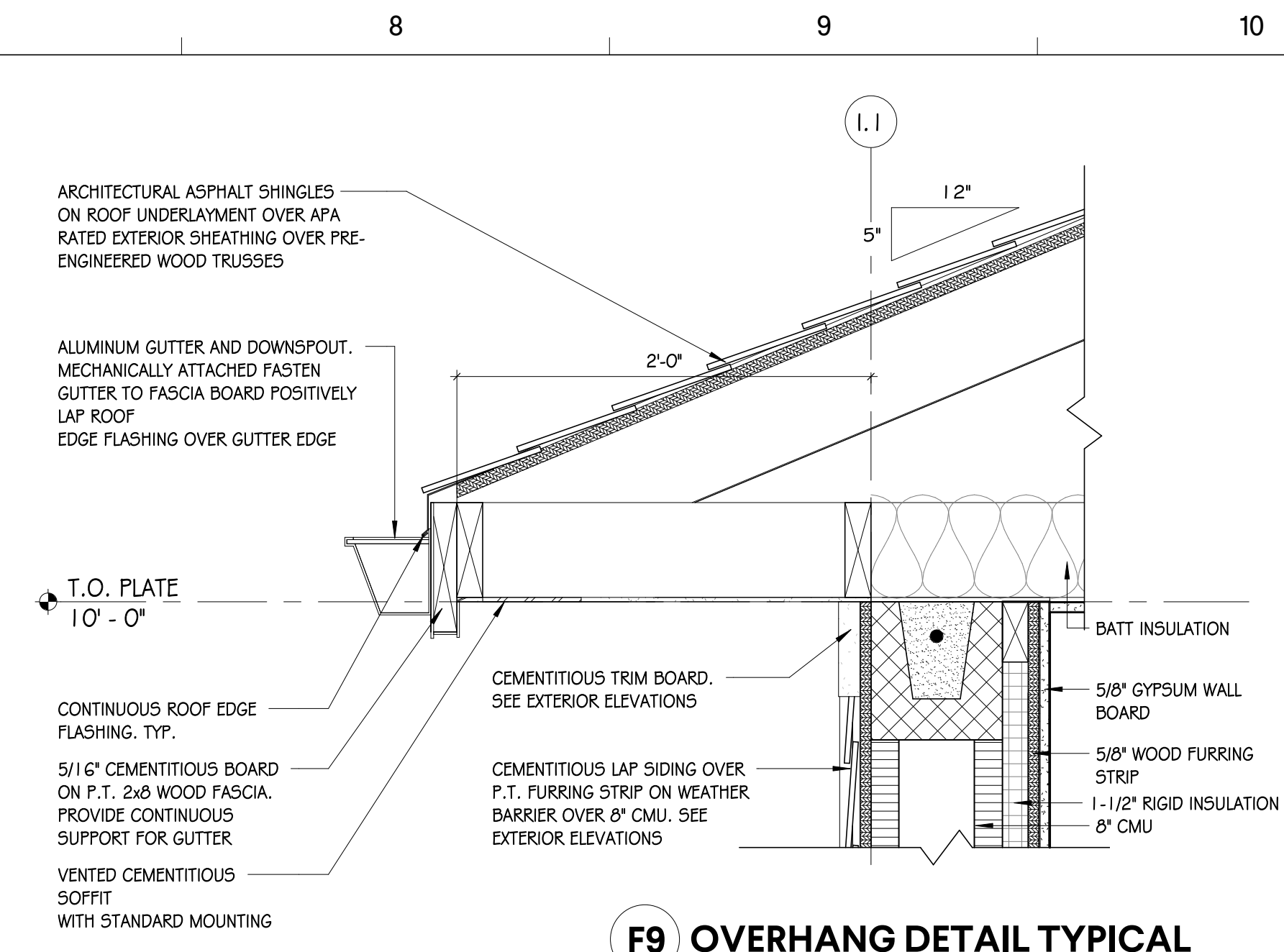
**F5 ENLARGED DETAIL AT ROOF HEAD CMU WALL FLASHING**  
SCALE: 3" = 1'-0"



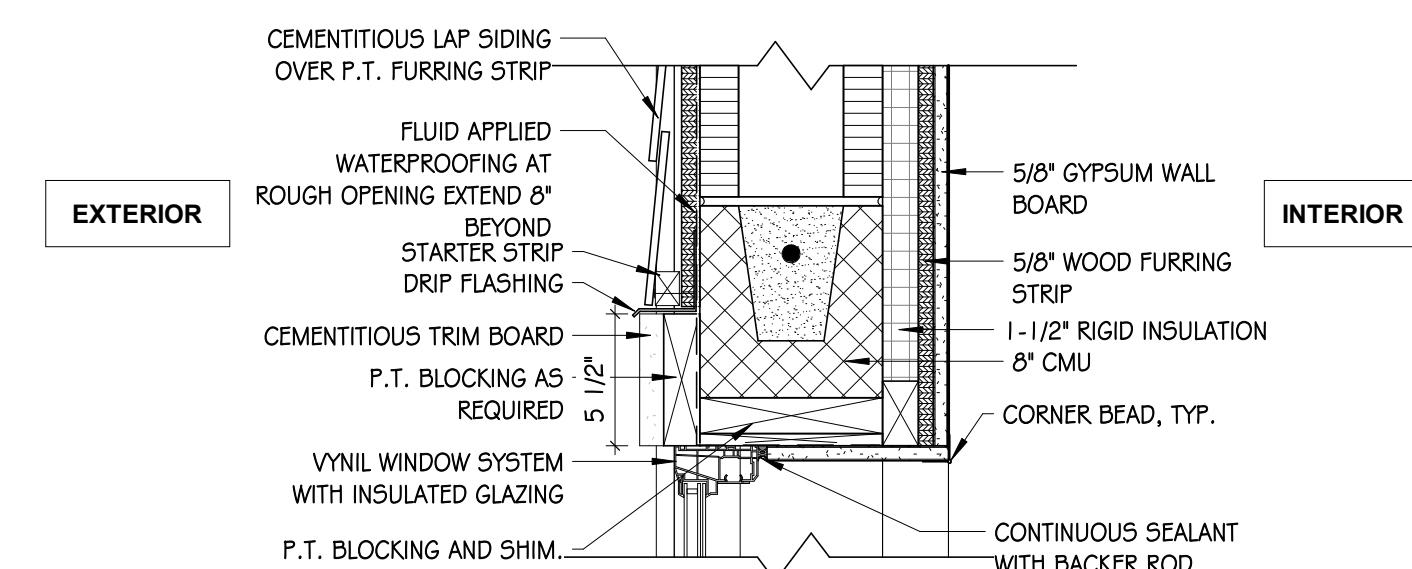
**C5 ENLARGED DETAIL AT ROOF HEAD WALL FLASHING**  
SCALE: 3" = 1'-0"



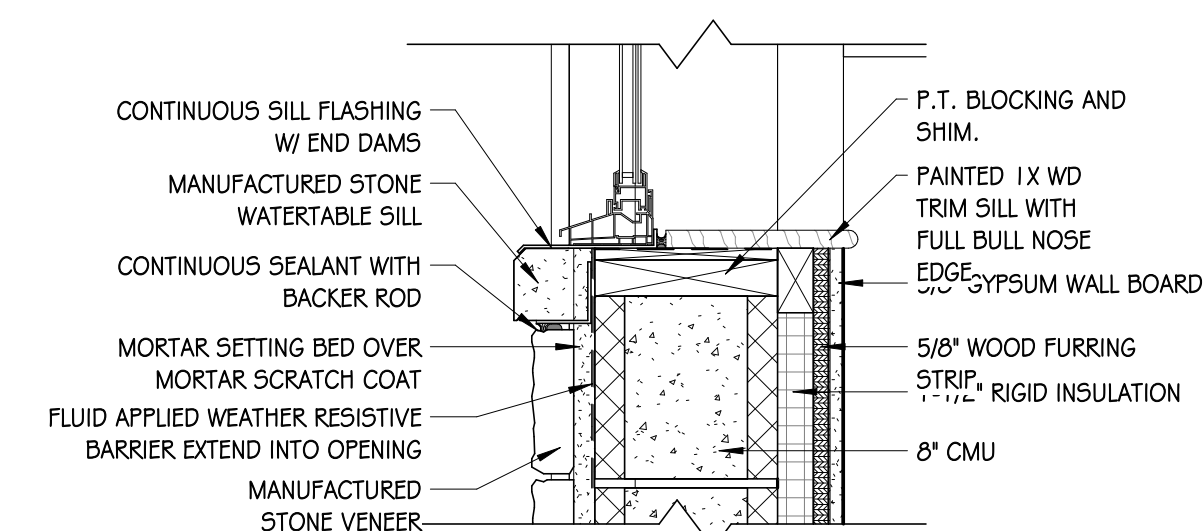
**A5 TOP PLATE DETAIL**  
SCALE: 1 1/2" = 1'-0"



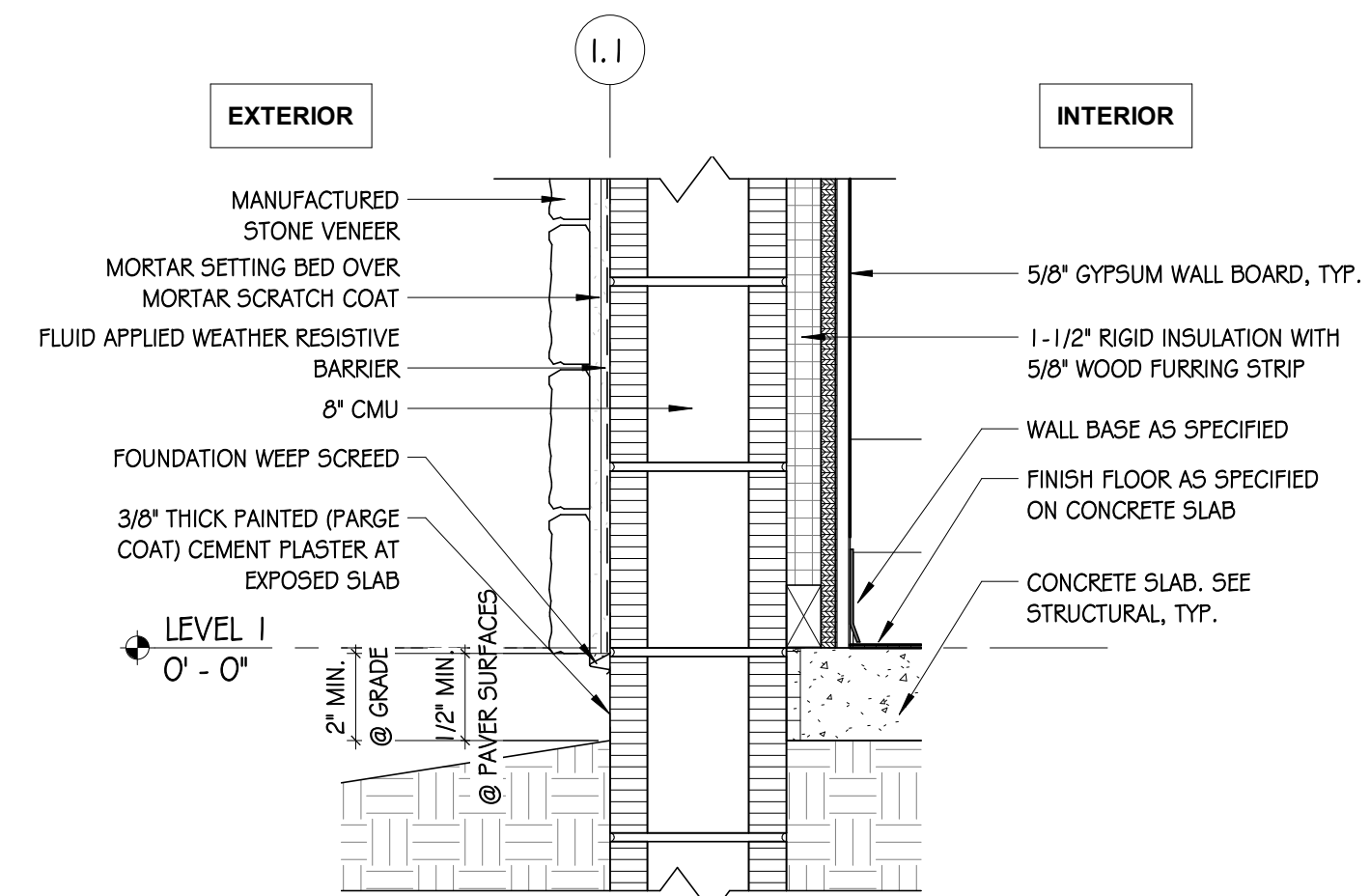
**F9 OVERHANG DETAIL TYPICAL**  
SCALE: 1 1/2" = 1'-0"



**E8 WINDOW HEAD DETAIL**  
SCALE: 1 1/2" = 1'-0"



**C9 WINDOW SILL DETAIL**  
SCALE: 1 1/2" = 1'-0"

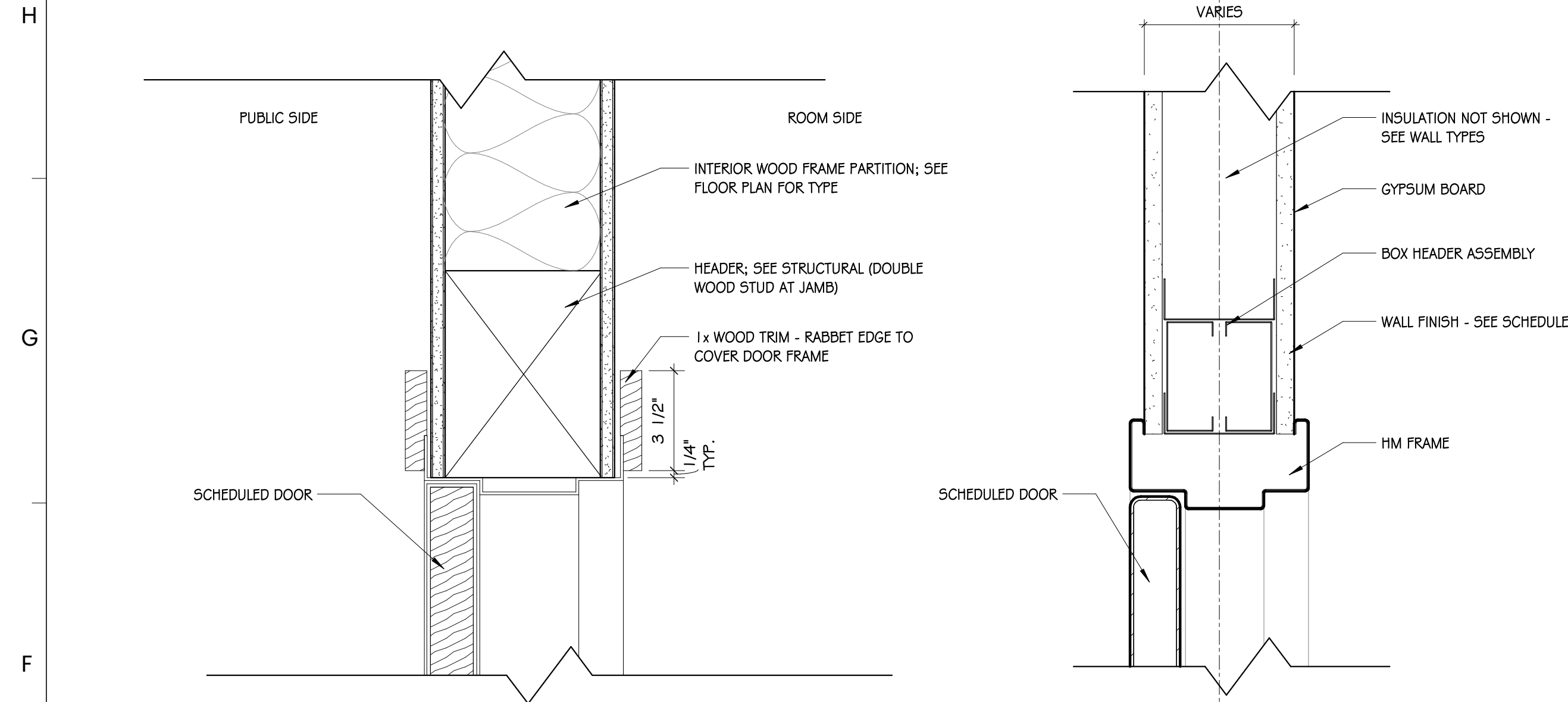


**A9 EXTERIOR WALL @ FOUNDATION**  
SCALE: 1 1/2" = 1'-0"



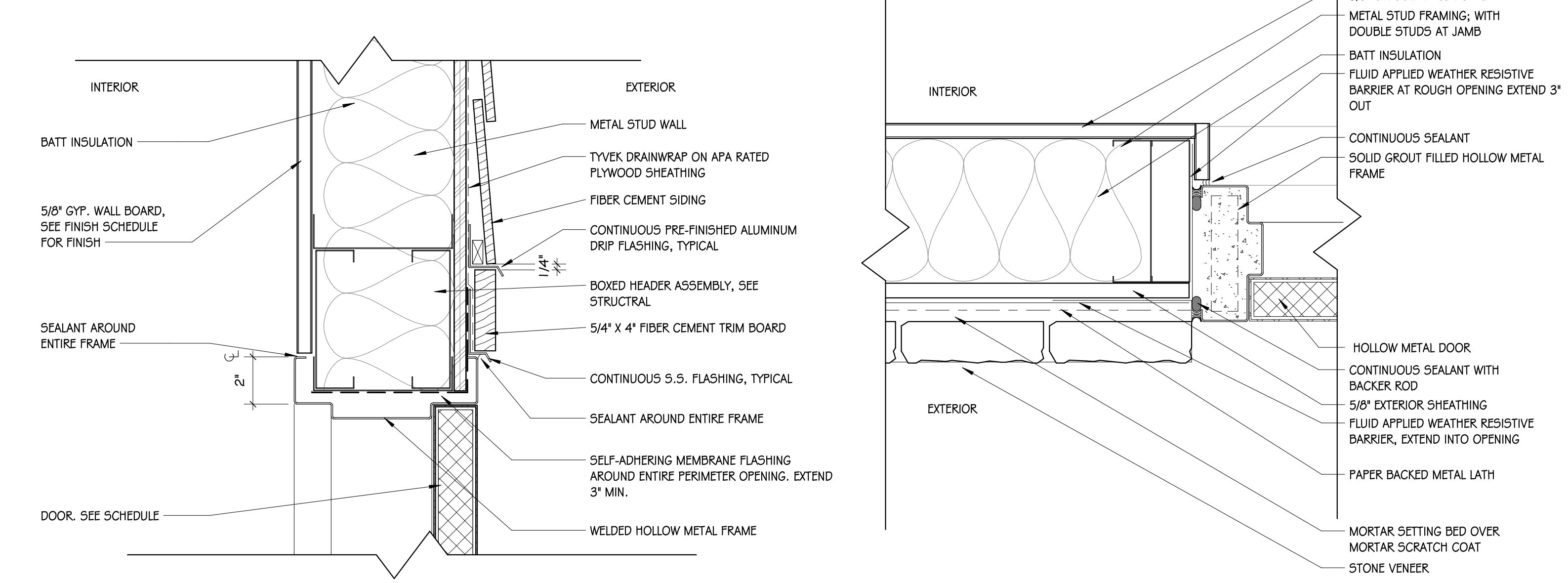
|             | 1  | 2         | 3     | 4      | 5                | 6         | 7     | 8                    | 9          | 10   |  |  |                      |           |           |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |  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   |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |    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|             | DOOR SCHEDULE  |           |       |        |                  |           |       |                      |            |  | DOOR COMMENTS LEGEND   |  |                      |           |           |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  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|      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| H           | <table><tr><th rowspan="3">DOOR NUMBER</th><th rowspan="3">PAIR</th><th colspan="3">DOOR SIZE</th><th colspan="3">DOOR DESCRIPTION</th><th colspan="2">FRAME DESCRIPTION</th><th rowspan="3">FIRE RATING</th><th colspan="3">DOOR HARDWARE</th><th rowspan="3">HEAD</th><th rowspan="3">JAMB</th><th rowspan="3">SILL</th><th rowspan="3">NUMBERED NOTES</th></tr><tr><th rowspan="2"></th><th rowspan="2">W</th><th rowspan="2">H</th><th rowspan="2">THK</th><th rowspan="2">DOOR TYPE</th><th rowspan="2">MAT'L</th><th rowspan="2">GLASS OR LOUVER TYPE</th><th rowspan="2">FRAME TYPE</th><th rowspan="2">MAT'L</th><th rowspan="2">HOLD OPEN</th><th colspan="2">GENERAL OPERATION</th></tr><tr><th>ACCESS CONTROL DEVICE</th><th>FIRE ALARM INTERFACE</th></tr></table>   |           |       |        |                  |           |       |                      |            |  |  | DOOR NUMBER                            | PAIR                 | DOOR SIZE |           |           | DOOR DESCRIPTION |           |                   | FRAME DESCRIPTION |       | FIRE RATING   | DOOR HARDWARE |   |    | HEAD | JAMB | SILL | NUMBERED NOTES |     | W | H         | THK       | DOOR TYPE | MAT'L | GLASS OR LOUVER TYPE | FRAME TYPE | MAT'L | HOLD OPEN | GENERAL OPERATION                 |   | ACCESS CONTROL DEVICE                  | FIRE ALARM INTERFACE |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |         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| DOOR NUMBER | PAIR   | DOOR SIZE |       |        | DOOR DESCRIPTION |           |       | FRAME DESCRIPTION    |            | FIRE RATING                                | DOOR HARDWARE  |  |                      | HEAD      | JAMB      | SILL      | NUMBERED NOTES   |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |           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  |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
|             |  |           | W     | H      | THK              | DOOR TYPE | MAT'L | GLASS OR LOUVER TYPE | FRAME TYPE |  | MAT'L  |  |                      |           |           |           |                  | HOLD OPEN | GENERAL OPERATION |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
|             |  |           |       |        |                  |           |       |                      |            |  |  | ACCESS CONTROL DEVICE                  | FIRE ALARM INTERFACE |           |           |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |      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|             | <table><tr><td colspan="10"></td><td colspan="2">HARDWARE SETS</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="10"></td><td colspan="2">SET #01 - EXT - PAIR - FIRE ALARM</td><td colspan="2">SET #09 - EXT - PAIR - CLUBHOUSE ENTRY</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="10"></td><td colspan="2">DOORS: 206, 407</td><td colspan="2">DOORS: 00.01A, 00.01B</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="10"></td><td>6 BUTT HINGE CB191 4.5" X 4.5" NRP 630W ST</td><td colspan="2">6 BUTT HINGE CB199 4.5" X 4.5" NRP 630W ST</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="10"></td><td>2 EXTENSION FLUSH BOLT/55GWS US26D RO</td><td colspan="2">1 EXIT DEVICE 3RD HC 2802 X 4902D CD 5460 5519 626W PR</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="10"></td><td>1 DUST PROOF STRIKE 1870 US26D AB</td><td colspan="2">1 EXIT DEVICE 3RD HC 2803 X 4903D CD 5460 5519 626W PR</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="10"></td><td>1 DEADBOLT QDB281 BF DB5 H 626 SH</td><td colspan="2">2 MORTISE CYLINDER 1E-74 STD 626 BE</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="10"></td><td>1 PASSAGE SET QCL230 M 4785 H 626 SH</td><td colspan="2">1 RIM CYLINDER 12E-72 STD 626 BE</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="10"></td><td>2 DOOR CLOSER QDC213 F 5N 689 SH</td><td colspan="2">2 DOOR CLOSER QDC113 R 5/TAP 689 SH</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="10"></td><td>1 DRIP CAP 16 A 4"ODW NA</td><td colspan="2">2 KICK PLATE K0050 10" X 2" LDW CSK 630 TR</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="10"></td><td>1 GASKETING 700 EN (HEAD # JAMB) NA</td><td colspan="2">1 ASTRAGAL SET (BRUSH) K0050 10" X 2" LDW CSK 672 A (SET) NA</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="10"></td><td>2 DOOR SWEEP 200 NA</td><td colspan="2">1 GASKETING 700 EN (HEAD # JAMB) NA</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="10"></td><td>1 THRESHOLD 896 N 55M5/LA AL</td><td colspan="2">2 DOOR SWEEP 200 NA</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="10"></td><td colspan="2"></td><td colspan="2">1 SADDLE THRESHOLD 425 55M5/LA AL</td><td colspan="2"></td><td colspan="2"></td></tr></table>  |           |       |        |                  |           |       |                      |            |  |  |  |                      |           |           |           |                  |           |                   |                   |       | HARDWARE SETS |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           | SET #01 - EXT - PAIR - FIRE ALARM |   | SET #09 - EXT - PAIR - CLUBHOUSE ENTRY |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        | DOORS: 206, 407 |    | DOORS: 00.01A, 00.01B |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   | 6 BUTT HINGE CB191 4.5" X 4.5" NRP 630W ST | 6 BUTT HINGE CB199 4.5" X 4.5" NRP 630W ST |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   | 2 EXTENSION FLUSH BOLT/55GWS US26D RO | 1 EXIT DEVICE 3RD HC 2802 X 4902D CD 5460 5519 626W PR |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   | 1 DUST PROOF STRIKE 1870 US26D AB | 1 EXIT DEVICE 3RD HC 2803 X 4903D CD 5460 5519 626W PR |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   | 1 DEADBOLT QDB281 BF DB5 H 626 SH | 2 MORTISE CYLINDER 1E-74 STD 626 BE |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   | 1 PASSAGE SET QCL230 M 4785 H 626 SH | 1 RIM CYLINDER 12E-72 STD 626 BE |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   | 2 DOOR CLOSER QDC213 F 5N 689 SH | 2 DOOR CLOSER QDC113 R 5/TAP 689 SH |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   | 1 DRIP CAP 16 A 4"ODW NA | 2 KICK PLATE K0050 10" X 2" LDW CSK 630 TR |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   | 1 GASKETING 700 EN (HEAD # JAMB) NA | 1 ASTRAGAL SET (BRUSH) K0050 10" X 2" LDW CSK 672 A (SET) NA |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   | 2 DOOR SWEEP 200 NA | 1 GASKETING 700 EN (HEAD # JAMB) NA |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   | 1 THRESHOLD 896 N 55M5/LA AL | 2 DOOR SWEEP 200 NA |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  | 1 SADDLE THRESHOLD 425 55M5/LA AL |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |   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         |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
|             |  |           |       |        |                  |           |       |                      |            | HARDWARE SETS                              |  |  |                      |           |           |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
|             |  |           |       |        |                  |           |       |                      |            | SET #01 - EXT - PAIR - FIRE ALARM          |  | SET #09 - EXT - PAIR - CLUBHOUSE ENTRY |                      |           |           |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
|             |  |           |       |        |                  |           |       |                      |            | DOORS: 206, 407                            |  | DOORS: 00.01A, 00.01B                  |                      |           |           |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
|             |  |           |       |        |                  |           |       |                      |            | 6 BUTT HINGE CB191 4.5" X 4.5" NRP 630W ST | 6 BUTT HINGE CB199 4.5" X 4.5" NRP 630W ST                   |  |                      |           |           |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    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 |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
|             |  |           |       |        |                  |           |       |                      |            | 2 EXTENSION FLUSH BOLT/55GWS US26D RO      | 1 EXIT DEVICE 3RD HC 2802 X 4902D CD 5460 5519 626W PR       |  |                      |           |           |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
|             |  |           |       |        |                  |           |       |                      |            | 1 DUST PROOF STRIKE 1870 US26D AB          | 1 EXIT DEVICE 3RD HC 2803 X 4903D CD 5460 5519 626W PR       |  |                      |           |           |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
|             |  |           |       |        |                  |           |       |                      |            | 1 DEADBOLT QDB281 BF DB5 H 626 SH          | 2 MORTISE CYLINDER 1E-74 STD 626 BE                          |  |                      |           |           |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    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 |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
|             |  |           |       |        |                  |           |       |                      |            | 1 PASSAGE SET QCL230 M 4785 H 626 SH       | 1 RIM CYLINDER 12E-72 STD 626 BE                             |  |                      |           |           |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
|             |  |           |       |        |                  |           |       |                      |            | 2 DOOR CLOSER QDC213 F 5N 689 SH           | 2 DOOR CLOSER QDC113 R 5/TAP 689 SH                          |  |                      |           |           |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
|             |  |           |       |        |                  |           |       |                      |            | 1 DRIP CAP 16 A 4"ODW NA                   | 2 KICK PLATE K0050 10" X 2" LDW CSK 630 TR                   |  |                      |           |           |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
|             |  |           |       |        |                  |           |       |                      |            | 1 GASKETING 700 EN (HEAD # JAMB) NA        | 1 ASTRAGAL SET (BRUSH) K0050 10" X 2" LDW CSK 672 A (SET) NA |  |                      |           |           |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    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   |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |   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  |           |           |   |      |   |       |       |        |   |         |  |  |
|             |  |           |       |        |                  |           |       |                      |            | 2 DOOR SWEEP 200 NA                        | 1 GASKETING 700 EN (HEAD # JAMB) NA                          |  |                      |           |           |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    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   |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |   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  |           |           |   |      |   |       |       |        |   |         |  |  |
|             |  |           |       |        |                  |           |       |                      |            | 1 THRESHOLD 896 N 55M5/LA AL               | 2 DOOR SWEEP 200 NA  |  |                      |           |           |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           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                          |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  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    |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
|             |  |           |       |        |                  |           |       |                      |            |  |  | 1 SADDLE THRESHOLD 425 55M5/LA AL      |                      |           |           |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       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   |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      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| G           | <table><tr><td>00.01A</td><td>■</td><td>3'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>C</td><td>HM</td><td>G1</td><td>F2</td><td>HM</td><td>N/A</td><td>#09</td><td></td><td>C5/ AG.02</td><td>C8/ AG.02</td><td>A8/ AG.02</td><td>3</td></tr><tr><td>00.01B</td><td>■</td><td>3'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>C</td><td>HM</td><td>G1</td><td>F2</td><td>HM</td><td>N/A</td><td>#09</td><td></td><td>C5/ AG.02</td><td>C8/ AG.02</td><td>A8/ AG.02</td><td>3</td></tr><tr><td>00.02</td><td></td><td>3'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>G</td><td>AU/ GL</td><td></td><td>STOREFRONT</td><td>AL</td><td>N/A</td><td>#06</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>00.03</td><td></td><td>3'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>F</td><td>HM</td><td></td><td></td><td>F1</td><td>HM</td><td>N/A</td><td>#05</td><td>F3/ AG.02</td><td>F3/ AG.02</td><td></td><td></td></tr><tr><td>00.04</td><td></td><td>3'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>F</td><td>HM</td><td></td><td></td><td>F1</td><td>HM</td><td>N/A</td><td>#04</td><td>F3/ AG.02</td><td>F3/ AG.02</td><td></td><td></td></tr><tr><td>00.05</td><td></td><td>3'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>F</td><td>HM</td><td></td><td></td><td>F1</td><td>HM</td><td>N/A</td><td>#07</td><td>F5/ AG.02</td><td>F8/ AG.02</td><td>A8/ AG.02</td><td></td></tr><tr><td>00.06</td><td></td><td>3'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>F</td><td>HM</td><td></td><td></td><td>F1</td><td>HM</td><td>N/A</td><td>#02</td><td>F3/ AG.02</td><td>F3/ AG.02</td><td></td><td></td></tr><tr><td>00.07</td><td></td><td>3'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>F</td><td>HM</td><td></td><td></td><td>F1</td><td>HM</td><td>N/A</td><td>#03</td><td>F3/ AG.02</td><td>F3/ AG.02</td><td></td><td></td></tr><tr><td>00.09</td><td></td><td>3'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>F</td><td>HM</td><td></td><td></td><td>F2</td><td>HM</td><td>N/A</td><td>#08</td><td>C5/ AG.02</td><td>C8/ AG.02</td><td>A8/ AG.02</td><td></td></tr><tr><td>00.10</td><td></td><td>3'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>F</td><td>HM</td><td></td><td></td><td>F1</td><td>HM</td><td>N/A</td><td>#05</td><td>F3/ AG.02</td><td>F3/ AG.02</td><td></td><td></td></tr><tr><td>00.11</td><td></td><td>3'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>F</td><td>HM</td><td></td><td></td><td>F1</td><td>HM</td><td>N/A</td><td>#04</td><td>F3/ AG.02</td><td>F3/ AG.02</td><td></td><td></td></tr><tr><td>01.03</td><td></td><td>1'-8"</td><td>6'-8"</td><td>1 3/4"</td><td>D</td><td>WD</td><td></td><td></td><td>F1</td><td>WD</td><td>N/A</td><td>#U-7</td><td>F1/ AG.02</td><td>F1/ AG.02</td><td></td><td>1</td></tr><tr><td>01.04</td><td></td><td>3'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>H</td><td>WD</td><td>LI</td><td></td><td>F1</td><td>WD</td><td>N/A</td><td>#U-4</td><td>F1/ AG.02</td><td>F1/ AG.02</td><td></td><td>1</td></tr><tr><td>01.05</td><td>■</td><td>2'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>E</td><td>WD</td><td></td><td></td><td>F1</td><td>WD</td><td>N/A</td><td>#U-6</td><td>F1/ AG.02</td><td>F1/ AG.02</td><td></td><td>1</td></tr><tr><td>01.07</td><td></td><td>3'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>F</td><td>WD</td><td></td><td></td><td>F1</td><td>WD</td><td>N/A</td><td>#U-3</td><td>F1/ AG.02</td><td>F1/ AG.02</td><td></td><td>1</td></tr><tr><td>01.08</td><td></td><td>3'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>F</td><td>WD</td><td></td><td></td><td>F1</td><td>WD</td><td>N/A</td><td>#U-2</td><td>F1/ AG.02</td><td>F1/ AG.02</td><td></td><td>1</td></tr><tr><td>01.09</td><td>■</td><td>2'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>E</td><td>WD</td><td></td><td></td><td>F1</td><td>WD</td><td>N/A</td><td>#U-6</td><td>F1/ AG.02</td><td>F1/ AG.02</td><td></td><td>1</td></tr><tr><td>02.02</td><td></td><td>1'-8"</td><td>6'-8"</td><td>1 3/4"</td><td>D</td><td>WD</td><td></td><td></td><td>F1</td><td>WD</td><td>N/A</td><td>#U-7</td><td>F1/ AG.02</td><td>F1/ AG.02</td><td></td><td>1</td></tr><tr><td>02.03</td><td></td><td>2'-8"</td><td>6'-8"</td><td>1 3/4"</td><td>FL</td><td>WD</td><td>LI</td><td></td><td>F1</td><td>HM</td><td>N/A</td><td>#U-4</td><td>F1/ AG.02</td><td>F1/ AG.02</td><td></td><td>1</td></tr><tr><td>02.04</td><td>■</td><td>2'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>E</td><td>WD</td><td></td><td></td><td>F1</td><td>WD</td><td>N/A</td><td></td><td>F1/ AG.02</td><td>F1/ AG.02</td><td></td><td>1</td></tr><tr><td>02.05</td><td></td><td>2'-8"</td><td>6'-8"</td><td>1 3/4"</td><td>F</td><td>WD</td><td></td><td></td><td>F1</td><td>WD</td><td>N/A</td><td>#U-3</td><td>F1/ AG.02</td><td>F1/ AG.02</td><td></td><td>1</td></tr><tr><td>02.06</td><td></td><td>2'-8"</td><td>6'-8"</td><td>1 3/4"</td><td>F</td><td>WD</td><td></td><td></td><td>F1</td><td>WD</td><td>N/A</td><td>#U-2</td><td>F1/ AG.02</td><td>F1/ AG.02</td><td></td><td>1</td></tr><tr><td>02.07</td><td>■</td><td>2'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>E</td><td>WD</td><td></td><td></td><td>F1</td><td>WD</td><td>N/A</td><td>#U-6</td><td>F1/ AG.02</td><td>F1/ AG.02</td><td></td><td>1</td></tr><tr><td>02.08</td><td></td><td>2'-8"</td><td>6'-8"</td><td>1 3/4"</td><td>F</td><td>WD</td><td></td><td></td><td>F1</td><td>WD</td><td>N/A</td><td>#U-2</td><td>F1/ AG.02</td><td>F1/ AG.02</td><td></td><td>1</td></tr><tr><td>02.09</td><td></td><td>2'-8"</td><td>6'-8"</td><td>1 3/4"</td><td>F</td><td>WD</td><td></td><td></td><td>F1</td><td>WD</td><td>N/A</td><td>#U-2</td><td>F1/ AG.02</td><td>F1/ AG.02</td><td></td><td>1</td></tr><tr><td>02.10</td><td>■</td><td>2'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>E</td><td>WD</td><td></td><td></td><td>F1</td><td>WD</td><td>N/A</td><td>#U-6</td><td>F1/ AG.02</td><td>F1/ AG.02</td><td></td><td>1</td></tr><tr><td>03.03</td><td></td><td>1'-8"</td><td>6'-8"</td><td>1 3/4"</td><td>D</td><td>WD</td><td></td><td></td><td>F1</td><td>WD</td><td>N/A</td><td>#U-7</td><td>F1/ AG.02</td><td>F1/ AG.02</td><td></td><td>1</td></tr><tr><td>03.04</td><td></td><td>2'-8"</td><td>6'-8"</td><td>1 3/4"</td><td>FL</td><td>WD</td><td>LI</td><td></td><td>F1</td><td>HM</td><td>N/A</td><td>#U-4</td><td>F1/ AG.02</td><td>F1/ AG.02</td><td></td><td>1</td></tr><tr><td>03.05</td><td>■</td><td>2'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>E</td><td>WD</td><td></td><td></td><td>F1</td><td>WD</td><td>N/A</td><td></td><td>F1/ AG.02</td><td>F1/ AG.02</td><td></td><td>1</td></tr><tr><td>03.06</td><td></td><td>2'-8"</td><td>6'-8"</td><td>1 3/4"</td><td>F</td><td>WD</td><td></td><td></td><td>F1</td><td>WD</td><td>N/A</td><td>#U-3</td><td>F1/ AG.02</td><td>F1/ AG.02</td><td></td><td>1</td></tr><tr><td>03.07</td><td></td><td>2'-8"</td><td>6'-8"</td><td>1 3/4"</td><td>F</td><td>WD</td><td></td><td></td><td>F1</td><td>WD</td><td>N/A</td><td>#U-2</td><td>F1/ AG.02</td><td>F1/ AG.02</td><td></td><td>1</td></tr><tr><td>03.08</td><td>■</td><td>2'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>E</td><td>WD</td><td></td><td></td><td>F1</td><td>WD</td><td>N/A</td><td>#U-6</td><td>F1/ AG.02</td><td>F1/ AG.02</td><td></td><td>1</td></tr><tr><td>03.09</td><td></td><td>2'-8"</td><td>6'-8"</td><td>1 3/4"</td><td>F</td><td>WD</td><td></td><td></td><td>F1</td><td>WD</td><td>N/A</td><td>#U-3</td><td>F1/ AG.02</td><td>F1/ AG.02</td><td></td><td>1</td></tr><tr><td>03.10</td><td></td><td>2'-8"</td><td>6'-8"</td><td>1 3/4"</td><td>F</td><td>WD</td><td></td><td></td><td>F1</td><td>WD</td><td>N/A</td><td>#U-2</td><td>F1/ AG.02</td><td>F1/ AG.02</td><td></td><td>1</td></tr><tr><td>03.11</td><td>■</td><td>2'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>E</td><td>WD</td><td></td><td></td><td>F1</td><td>WD</td><td>N/A</td><td>#U-6</td><td>F1/ AG.02</td><td>F1/ AG.02</td><td></td><td>1</td></tr><tr><td>03.12</td><td></td><td>2'-8"</td><td>6'-8"</td><td>1 3/4"</td><td>F</td><td>WD</td><td></td><td></td><td>F1</td><td>WD</td><td>N/A</td><td>#U-2</td><td>F1/ AG.02</td><td>F1/ AG.02</td><td></td><td>1</td></tr><tr><td>03.13</td><td>■</td><td>2'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>E</td><td>WD</td><td></td><td></td><td>F1</td><td>WD</td><td>N/A</td><td>#U-6</td><td>F1/ AG.02</td><td>F1/ AG.02</td><td></td><td>1</td></tr><tr><td>101A</td><td>■</td><td>3'-2"</td><td>6'-8"</td><td>1 3/4"</td><td>A</td><td>VNL</td><td></td><td></td><td>F2</td><td>HM</td><td>N/A</td><td>#U-1</td><td>C5/ AG.02</td><td>C8/ AG.02</td><td>A8/ AG.02</td><td>2</td></tr><tr><td>101B</td><td>■</td><td>3'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>B</td><td>VNL/ GL</td><td></td><td></td><td></td><td>VNL</td><td>N/A</td><td>#U-7</td><td>C2/ AG.02</td><td>C2/ AG.02</td><td>A2/ AG.02</td><td></td></tr><tr><td>102A</td><td></td><td>3'-2"</td><td>6'-8"</td><td>1 3/4"</td><td>A</td><td>VNL</td><td></td><td></td><td>F2</td><td>HM</td><td>N/A</td><td>#U-1</td><td>C5/ AG.02</td><td>C8/ AG.02</td><td>A8/ AG.02</td><td>2</td></tr><tr><td>102B</td><td>■</td><td>3'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>B</td><td>VNL/ GL</td><td></td><td></td><td></td><td>VNL</td><td>N/A</td><td>#U-7</td><td>C2/ AG.02</td><td>C2/ AG.02</td><td>A2/ AG.02</td><td></td></tr><tr><td>103A</td><td></td><td>3'-2"</td><td>6'-8"</td><td>1 3/4"</td><td>A</td><td>VNL</td><td></td><td></td><td>F2</td><td>HM</td><td>N/A</td><td>#U-1</td><td>C5/ AG.02</td><td>C8/ AG.02</td><td>A8/ AG.02</td><td>2</td></tr><tr><td>103B</td><td>■</td><td>3'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>B</td><td>VNL/ GL</td><td></td><td></td><td></td><td>VNL</td><td>N/A</td><td>#U-7</td><td>C2/ AG.02</td><td>C2/ AG.02</td><td>A2/ AG.02</td><td></td></tr><tr><td>104A</td><td></td><td>3'-2"</td><td>6'-8"</td><td>1 3/4"</td><td>A</td><td>VNL</td><td></td><td></td><td>F2</td><td>HM</td><td>N/A</td><td>#U-1</td><td>C5/ AG.02</td><td>C8/ AG.02</td><td>A8/ AG.02</td><td>2</td></tr><tr><td>104B</td><td>■</td><td>3'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>B</td><td>VNL/ GL</td><td></td><td></td><td></td><td>VNL</td><td>N/A</td><td>#U-7</td><td>C2/ AG.02</td><td>C2/ AG.02</td><td>A2/ AG.02</td><td></td></tr><tr><td>201A</td><td></td><td>3'-2"</td><td>6'-8"</td><td>1 3/4"</td><td>A</td><td>VNL</td><td></td><td></td><td>F2</td><td>HM</td><td>N/A</td><td>#U-1</td><td>C5/ AG.02</td><td>C8/ AG.02</td><td>A8/ AG.02</td><td>2</td></tr><tr><td>201B</td><td>■</td><td>3'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>B</td><td>VNL/ GL</td><td></td><td></td><td></td><td>VNL</td><td>N/A</td><td>#U-7</td><td>C2/ AG.02</td><td>C2/ AG.02</td><td>A2/ AG.02</td><td></td></tr><tr><td>202A</td><td></td><td>3'-2"</td><td>6'-8"</td><td>1 3/4"</td><td>A</td><td>VNL</td><td></td><td></td><td>F2</td><td>HM</td><td>N/A</td><td>#U-1</td><td>C5/ AG.02</td><td>C8/ AG.02</td><td>A8/ AG.02</td><td>2</td></tr><tr><td>202B</td><td>■</td><td>3'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>B</td><td>VNL/ GL</td><td></td><td></td><td></td><td>VNL</td><td>N/A</td><td>#U-7</td><td>C2/ AG.02</td><td>C2/ AG.02</td><td>A2/ AG.02</td><td></td></tr><tr><td>203A</td><td></td><td>3'-2"</td><td>6'-8"</td><td>1 3/4"</td><td>A</td><td>VNL</td><td></td><td></td><td>F2</td><td>HM</td><td>N/A</td><td>#U-1</td><td>C5/ AG.02</td><td>C8/ AG.02</td><td>A8/ AG.02</td><td>2</td></tr><tr><td>203B</td><td>■</td><td>3'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>B</td><td>VNL/ GL</td><td></td><td></td><td></td><td>VNL</td><td>N/A</td><td>#U-7</td><td>C2/ AG.02</td><td>C2/ AG.02</td><td>A2/ AG.02</td><td></td></tr><tr><td>204A</td><td></td><td>3'-2"</td><td>6'-8"</td><td>1 3/4"</td><td>A</td><td>VNL</td><td></td><td></td><td>F2</td><td>HM</td><td>N/A</td><td>#U-1</td><td>C5/ AG.02</td><td>C8/ AG.02</td><td>A8/ AG.02</td><td>2</td></tr><tr><td>204B</td><td>■</td><td>3'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>B</td><td>VNL/ GL</td><td></td><td></td><td></td><td>VNL</td><td>N/A</td><td>#U-7</td><td>C2/ AG.02</td><td>C2/ AG.02</td><td>A2/ AG.02</td><td></td></tr><tr><td>205A</td><td></td><td>3'-2"</td><td>6'-8"</td><td>1 3/4"</td><td>A</td><td>VNL</td><td></td><td></td><td>F2</td><td>HM</td><td>N/A</td><td>#U-1</td><td>C5/ AG.02</td><td>C8/ AG.02</td><td>A8/ AG.02</td><td>2</td></tr><tr><td>205B</td><td>■</td><td>3'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>B</td><td>VNL/ GL</td><td></td><td></td><td></td><td>VNL</td><td>N/A</td><td>#U-7</td><td>C2/ AG.02</td><td>C2/ AG.02</td><td>A2/ AG.02</td><td></td></tr><tr><td>206</td><td>■</td><td>2'-6"</td><td>7'-0"</td><td>1 3/4"</td><td>J</td><td>HM</td><td></td><td></td><td>F2</td><td>HM</td><td>N/A</td><td>#01</td><td>C5/ AG.02</td><td>C8/ AG.02</td><td>A8/ AG.02</td><td></td></tr><tr><td>301A</td><td></td><td>3'-2"</td><td>6'-8"</td><td>1 3/4"</td><td>A</td><td>VNL</td><td></td><td></td><td>F2</td><td>HM</td><td>N/A</td><td>#U-1</td><td>C5/ AG.02</td><td>C8/ AG.02</td><td>A8/ AG.02</td><td>2</td></tr><tr><td>301B</td><td>■</td><td>3'-0"</td><td>6'-8"</td><td>1 3/4"</td><td>B</td><td>VNL/ GL</td><td></td><td></td></tr></table> | 00.01A    | ■     | 3'-0"  | 6'-8"            | 1 3/4"    | C     | HM                   | G1         | F2   | HM   | N/A                                    | #09                  |           | C5/ AG.02 | C8/ AG.02 | A8/ AG.02        | 3         | 00.01B            | ■                 | 3'-0" | 6'-8"         | 1 3/4"        | C | HM | G1   | F2   | HM   | N/A            | #09 |   | C5/ AG.02 | C8/ AG.02 | A8/ AG.02 | 3     | 00.02                |            | 3'-0" | 6'-8"     | 1 3/4"                            | G | AU/ GL                                 |                      | STOREFRONT | AL | N/A | #06 |  |  |  |  |  | 00.03 |  | 3'-0" | 6'-8" | 1 3/4" | F               | HM |                       |  | F1 | HM | N/A | #05 | F3/ AG.02 | F3/ AG.02 |  |  | 00.04 |  | 3'-0" | 6'-8" | 1 3/4" | F | HM   |  |  | F1 | HM | N/A | #04 | F3/ AG.02 | F3/ AG.02 |  |  | 00.05 |  | 3'-0" | 6'-8" | 1 3/4" | F | HM                                    |  |  | F1 | HM | N/A | #07 | F5/ AG.02 | F8/ AG.02 | A8/ AG.02 |  | 00.06 |  | 3'-0" | 6'-8" | 1 3/4" | F | HM                                |  |  | F1 | HM | N/A | #02 | F3/ AG.02 | F3/ AG.02 |  |  | 00.07 |  | 3'-0" | 6'-8" | 1 3/4" | F | HM                                |                                     |  | F1 | HM | N/A | #03 | F3/ AG.02 | F3/ AG.02 |  |  | 00.09 |  | 3'-0" | 6'-8" | 1 3/4" | F | HM                                   |                                  |  | F2 | HM | N/A | #08 | C5/ AG.02 | C8/ AG.02 | A8/ AG.02 |  | 00.10 |  | 3'-0" | 6'-8" | 1 3/4" | F | HM                               |                                     |  | F1 | HM | N/A | #05 | F3/ AG.02 | F3/ AG.02 |  |  | 00.11 |  | 3'-0" | 6'-8" | 1 3/4" | F | HM                       |  |  | F1 | HM | N/A | #04 | F3/ AG.02 | F3/ AG.02 |  |  | 01.03 |  | 1'-8" | 6'-8" | 1 3/4" | D | WD                                  |  |  | F1 | WD | N/A | #U-7 | F1/ AG.02 | F1/ AG.02 |  | 1 | 01.04 |  | 3'-0" | 6'-8" | 1 3/4" | H | WD                  | LI                                  |  | F1 | WD | N/A | #U-4 | F1/ AG.02 | F1/ AG.02 |  | 1 | 01.05 | ■ | 2'-0" | 6'-8" | 1 3/4" | E | WD                           |                     |  | F1 | WD | N/A | #U-6 | F1/ AG.02 | F1/ AG.02 |  | 1 | 01.07 |  | 3'-0" | 6'-8" | 1 3/4" | F | WD |  |                                   | F1 | WD | N/A | #U-3 | F1/ AG.02 | F1/ AG.02 |  | 1 | 01.08 |  | 3'-0" | 6'-8" | 1 3/4" | F | WD |  |  | F1 | WD | N/A | #U-2 | F1/ AG.02 | F1/ AG.02 |  | 1 | 01.09 | ■ | 2'-0" | 6'-8" | 1 3/4" | E | WD |  |  | F1 | WD | N/A | #U-6 | F1/ AG.02 | F1/ AG.02 |  | 1 | 02.02 |  | 1'-8" | 6'-8" | 1 3/4" | D | WD |  |  | F1 | WD | N/A | #U-7 | F1/ AG.02 | F1/ AG.02 |  | 1 | 02.03 |  | 2'-8" | 6'-8" | 1 3/4" | FL | WD | LI |  | F1 | HM | N/A | #U-4 | F1/ AG.02 | F1/ AG.02 |  | 1 | 02.04 | ■ | 2'-0" | 6'-8" | 1 3/4" | E | WD |  |  | F1 | WD | N/A |  | F1/ AG.02 | F1/ AG.02 |  | 1 | 02.05 |  | 2'-8" | 6'-8" | 1 3/4" | F | WD |  |  | F1 | WD | N/A | #U-3 | F1/ AG.02 | F1/ AG.02 |  | 1 | 02.06 |  | 2'-8" | 6'-8" | 1 3/4" | F | WD |  |  | F1 | WD | N/A | #U-2 | F1/ AG.02 | F1/ AG.02 |  | 1 | 02.07 | ■ | 2'-0" | 6'-8" | 1 3/4" | E | WD |  |  | F1 | WD | N/A | #U-6 | F1/ AG.02 | F1/ AG.02 |  | 1 | 02.08 |  | 2'-8" | 6'-8" | 1 3/4" | F | WD |  |  | F1 | WD | N/A | #U-2 | F1/ AG.02 | F1/ AG.02 |  | 1 | 02.09 |  | 2'-8" | 6'-8" | 1 3/4" | F | WD |  |  | F1 | WD | N/A | #U-2 | F1/ AG.02 | F1/ AG.02 |  | 1 | 02.10 | ■ | 2'-0" | 6'-8" | 1 3/4" | E | WD |  |  | F1 | WD | N/A | #U-6 | F1/ AG.02 | F1/ AG.02 |  | 1 | 03.03 |  | 1'-8" | 6'-8" | 1 3/4" | D | WD |  |  | F1 | WD | N/A | #U-7 | F1/ AG.02 | F1/ AG.02 |  | 1 | 03.04 |  | 2'-8" | 6'-8" | 1 3/4" | FL | WD | LI |  | F1 | HM | N/A | #U-4 | F1/ AG.02 | F1/ AG.02 |  | 1 | 03.05 | ■ | 2'-0" | 6'-8" | 1 3/4" | E | WD |  |  | F1 | WD | N/A |  | F1/ AG.02 | F1/ AG.02 |  | 1 | 03.06 |  | 2'-8" | 6'-8" | 1 3/4" | F | WD |  |  | F1 | WD | N/A | #U-3 | F1/ AG.02 | F1/ AG.02 |  | 1 | 03.07 |  | 2'-8" | 6'-8" | 1 3/4" | F | WD |  |  | F1 | WD | N/A | #U-2 | F1/ AG.02 | F1/ AG.02 |  | 1 | 03.08 | ■ | 2'-0" | 6'-8" | 1 3/4" | E | WD |  |  | F1 | WD | N/A | #U-6 | F1/ AG.02 | F1/ AG.02 |  | 1 | 03.09 |  | 2'-8" | 6'-8" | 1 3/4" | F | WD |  |  | F1 | WD | N/A | #U-3 | F1/ AG.02 | F1/ AG.02 |  | 1 | 03.10 |  | 2'-8" | 6'-8" | 1 3/4" | F | WD |  |  | F1 | WD | N/A | #U-2 | F1/ AG.02 | F1/ AG.02 |  | 1 | 03.11 | ■ | 2'-0" | 6'-8" | 1 3/4" | E | WD |  |  | F1 | WD | N/A | #U-6 | F1/ AG.02 | F1/ AG.02 |  | 1 | 03.12 |  | 2'-8" | 6'-8" | 1 3/4" | F | WD |  |  | F1 | WD | N/A | #U-2 | F1/ AG.02 | F1/ AG.02 |  | 1 | 03.13 | ■ | 2'-0" | 6'-8" | 1 3/4" | E | WD |  |  | F1 | WD | N/A | #U-6 | F1/ AG.02 | F1/ AG.02 |  | 1 | 101A | ■ | 3'-2" | 6'-8" | 1 3/4" | A | VNL |  |  | F2 | HM | N/A | #U-1 | C5/ AG.02 | C8/ AG.02 | A8/ AG.02 | 2 | 101B | ■ | 3'-0" | 6'-8" | 1 3/4" | B | VNL/ GL |  |  |  | VNL | N/A | #U-7 | C2/ AG.02 | C2/ AG.02 | A2/ AG.02 |  | 102A |  | 3'-2" | 6'-8" | 1 3/4" | A | VNL |  |  | F2 | HM | N/A | #U-1 | C5/ AG.02 | C8/ AG.02 | A8/ AG.02 | 2 | 102B | ■ | 3'-0" | 6'-8" | 1 3/4" | B | VNL/ GL |  |  |  | VNL | N/A | #U-7 | C2/ AG.02 | C2/ AG.02 | A2/ AG.02 |  | 103A |  | 3'-2" | 6'-8" | 1 3/4" | A | VNL |  |  | F2 | HM | N/A | #U-1 | C5/ AG.02 | C8/ AG.02 | A8/ AG.02 | 2 | 103B | ■ | 3'-0" | 6'-8" | 1 3/4" | B | VNL/ GL |  |  |  | VNL | N/A | #U-7 | C2/ AG.02 | C2/ AG.02 | A2/ AG.02 |  | 104A |  | 3'-2" | 6'-8" | 1 3/4" | A | VNL |  |  | F2 | HM | N/A | #U-1 | C5/ AG.02 | C8/ AG.02 | A8/ AG.02 | 2 | 104B | ■ | 3'-0" | 6'-8" | 1 3/4" | B | VNL/ GL |  |  |  | VNL | N/A | #U-7 | C2/ AG.02 | C2/ AG.02 | A2/ AG.02 |  | 201A |  | 3'-2" | 6'-8" | 1 3/4" | A | VNL |  |  | F2 | HM | N/A | #U-1 | C5/ AG.02 | C8/ AG.02 | A8/ AG.02 | 2 | 201B | ■ | 3'-0" | 6'-8" | 1 3/4" | B | VNL/ GL |  |  |  | VNL | N/A | #U-7 | C2/ AG.02 | C2/ AG.02 | A2/ AG.02 |  | 202A |  | 3'-2" | 6'-8" | 1 3/4" | A | VNL |  |  | F2 | HM | N/A | #U-1 | C5/ AG.02 | C8/ AG.02 | A8/ AG.02 | 2 | 202B | ■ | 3'-0" | 6'-8" | 1 3/4" | B | VNL/ GL |  |  |  | VNL | N/A | #U-7 | C2/ AG.02 | C2/ AG.02 | A2/ AG.02 |  | 203A |  | 3'-2" | 6'-8" | 1 3/4" | A | VNL |  |  | F2 | HM | N/A | #U-1 | C5/ AG.02 | C8/ AG.02 | A8/ AG.02 | 2 | 203B | ■ | 3'-0" | 6'-8" | 1 3/4" | B | VNL/ GL |  |  |  | VNL | N/A | #U-7 | C2/ AG.02 | C2/ AG.02 | A2/ AG.02 |  | 204A |  | 3'-2" | 6'-8" | 1 3/4" | A | VNL |  |  | F2 | HM | N/A | #U-1 | C5/ AG.02 | C8/ AG.02 | A8/ AG.02 | 2 | 204B | ■ | 3'-0" | 6'-8" | 1 3/4" | B | VNL/ GL |  |  |  | VNL | N/A | #U-7 | C2/ AG.02 | C2/ AG.02 | A2/ AG.02 |  | 205A |  | 3'-2" | 6'-8" | 1 3/4" | A | VNL |  |  | F2 | HM | N/A | #U-1 | C5/ AG.02 | C8/ AG.02 | A8/ AG.02 | 2 | 205B | ■ | 3'-0" | 6'-8" | 1 3/4" | B | VNL/ GL |  |  |  | VNL | N/A | #U-7 | C2/ AG.02 | C2/ AG.02 | A2/ AG.02 |  | 206 | ■ | 2'-6" | 7'-0" | 1 3/4" | J | HM |  |  | F2 | HM | N/A | #01 | C5/ AG.02 | C8/ AG.02 | A8/ AG.02 |  | 301A |  | 3'-2" | 6'-8" | 1 3/4" | A | VNL |  |  | F2 | HM | N/A | #U-1 | C5/ AG.02 | C8/ AG.02 | A8/ AG.02 | 2 | 301B | ■ | 3'-0" | 6'-8" | 1 3/4" | B | VNL/ GL |  |  |
| 00.01A      | ■  | 3'-0"     | 6'-8" | 1 3/4" | C                | HM        | G1    | F2                   | HM         | N/A  | #09  |  | C5/ AG.02            | C8/ AG.02 | A8/ AG.02 | 3         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |    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| 00.01B      | ■  | 3'-0"     | 6'-8" | 1 3/4" | C                | HM        | G1    | F2                   | HM         | N/A  | #09  |  | C5/ AG.02            | C8/ AG.02 | A8/ AG.02 | 3         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        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 |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 00.02       |  | 3'-0"     | 6'-8" | 1 3/4" | G                | AU/ GL    |       | STOREFRONT           | AL         | N/A  | #06  |  |                      |           |           |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 00.03       |  | 3'-0"     | 6'-8" | 1 3/4" | F                | HM        |       |                      | F1         | HM   | N/A  | #05                                    | F3/ AG.02            | F3/ AG.02 |           |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 00.04       |  | 3'-0"     | 6'-8" | 1 3/4" | F                | HM        |       |                      | F1         | HM   | N/A  | #04                                    | F3/ AG.02            | F3/ AG.02 |           |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 00.05       |  | 3'-0"     | 6'-8" | 1 3/4" | F                | HM        |       |                      | F1         | HM   | N/A  | #07                                    | F5/ AG.02            | F8/ AG.02 | A8/ AG.02 |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 00.06       |  | 3'-0"     | 6'-8" | 1 3/4" | F                | HM        |       |                      | F1         | HM   | N/A  | #02                                    | F3/ AG.02            | F3/ AG.02 |           |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 00.07       |  | 3'-0"     | 6'-8" | 1 3/4" | F                | HM        |       |                      | F1         | HM   | N/A  | #03                                    | F3/ AG.02            | F3/ AG.02 |           |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 00.09       |  | 3'-0"     | 6'-8" | 1 3/4" | F                | HM        |       |                      | F2         | HM   | N/A  | #08                                    | C5/ AG.02            | C8/ AG.02 | A8/ AG.02 |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 00.10       |  | 3'-0"     | 6'-8" | 1 3/4" | F                | HM        |       |                      | F1         | HM   | N/A  | #05                                    | F3/ AG.02            | F3/ AG.02 |           |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 00.11       |  | 3'-0"     | 6'-8" | 1 3/4" | F                | HM        |       |                      | F1         | HM   | N/A  | #04                                    | F3/ AG.02            | F3/ AG.02 |           |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 01.03       |  | 1'-8"     | 6'-8" | 1 3/4" | D                | WD        |       |                      | F1         | WD   | N/A  | #U-7                                   | F1/ AG.02            | F1/ AG.02 |           | 1         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 01.04       |  | 3'-0"     | 6'-8" | 1 3/4" | H                | WD        | LI    |                      | F1         | WD   | N/A  | #U-4                                   | F1/ AG.02            | F1/ AG.02 |           | 1         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                          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      |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 01.05       | ■  | 2'-0"     | 6'-8" | 1 3/4" | E                | WD        |       |                      | F1         | WD   | N/A  | #U-6                                   | F1/ AG.02            | F1/ AG.02 |           | 1         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  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|     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 01.07       |  | 3'-0"     | 6'-8" | 1 3/4" | F                | WD        |       |                      | F1         | WD   | N/A  | #U-3                                   | F1/ AG.02            | F1/ AG.02 |           | 1         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     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|           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 01.08       |  | 3'-0"     | 6'-8" | 1 3/4" | F                | WD        |       |                      | F1         | WD   | N/A  | #U-2                                   | F1/ AG.02            | F1/ AG.02 |           | 1         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           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    |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 01.09       | ■  | 2'-0"     | 6'-8" | 1 3/4" | E                | WD        |       |                      | F1         | WD   | N/A  | #U-6                                   | F1/ AG.02            | F1/ AG.02 |           | 1         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |   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  |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 02.02       |  | 1'-8"     | 6'-8" | 1 3/4" | D                | WD        |       |                      | F1         | WD   | N/A  | #U-7                                   | F1/ AG.02            | F1/ AG.02 |           | 1         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 02.03       |  | 2'-8"     | 6'-8" | 1 3/4" | FL               | WD        | LI    |                      | F1         | HM   | N/A  | #U-4                                   | F1/ AG.02            | F1/ AG.02 |           | 1         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 02.04       | ■  | 2'-0"     | 6'-8" | 1 3/4" | E                | WD        |       |                      | F1         | WD   | N/A  |  | F1/ AG.02            | F1/ AG.02 |           | 1         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  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       |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 02.05       |  | 2'-8"     | 6'-8" | 1 3/4" | F                | WD        |       |                      | F1         | WD   | N/A  | #U-3                                   | F1/ AG.02            | F1/ AG.02 |           | 1         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 02.06       |  | 2'-8"     | 6'-8" | 1 3/4" | F                | WD        |       |                      | F1         | WD   | N/A  | #U-2                                   | F1/ AG.02            | F1/ AG.02 |           | 1         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  | 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|           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 02.07       | ■  | 2'-0"     | 6'-8" | 1 3/4" | E                | WD        |       |                      | F1         | WD   | N/A  | #U-6                                   | F1/ AG.02            | F1/ AG.02 |           | 1         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                         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|       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |         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|     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 02.08       |  | 2'-8"     | 6'-8" | 1 3/4" | F                | WD        |       |                      | F1         | WD   | N/A  | #U-2                                   | F1/ AG.02            | F1/ AG.02 |           | 1         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                          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      |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     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|           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 02.09       |  | 2'-8"     | 6'-8" | 1 3/4" | F                | WD        |       |                      | F1         | WD   | N/A  | #U-2                                   | F1/ AG.02            | F1/ AG.02 |           | 1         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     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    |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 02.10       | ■  | 2'-0"     | 6'-8" | 1 3/4" | E                | WD        |       |                      | F1         | WD   | N/A  | #U-6                                   | F1/ AG.02            | F1/ AG.02 |           | 1         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  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|     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 03.03       |  | 1'-8"     | 6'-8" | 1 3/4" | D                | WD        |       |                      | F1         | WD   | N/A  | #U-7                                   | F1/ AG.02            | F1/ AG.02 |           | 1         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     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    |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 03.04       |  | 2'-8"     | 6'-8" | 1 3/4" | FL               | WD        | LI    |                      | F1         | HM   | N/A  | #U-4                                   | F1/ AG.02            | F1/ AG.02 |           | 1         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                          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      |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 03.05       | ■  | 2'-0"     | 6'-8" | 1 3/4" | E                | WD        |       |                      | F1         | WD   | N/A  |  | F1/ AG.02            | F1/ AG.02 |           | 1         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |     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       |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 03.06       |  | 2'-8"     | 6'-8" | 1 3/4" | F                | WD        |       |                      | F1         | WD   | N/A  | #U-3                                   | F1/ AG.02            | F1/ AG.02 |           | 1         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                          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      |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     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    |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 03.07       |  | 2'-8"     | 6'-8" | 1 3/4" | F                | WD        |       |                      | F1         | WD   | N/A  | #U-2                                   | F1/ AG.02            | F1/ AG.02 |           | 1         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  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      |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     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    |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 03.08       | ■  | 2'-0"     | 6'-8" | 1 3/4" | E                | WD        |       |                      | F1         | WD   | N/A  | #U-6                                   | F1/ AG.02            | F1/ AG.02 |           | 1         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  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|     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 03.09       |  | 2'-8"     | 6'-8" | 1 3/4" | F                | WD        |       |                      | F1         | WD   | N/A  | #U-3                                   | F1/ AG.02            | F1/ AG.02 |           | 1         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 03.10       |  | 2'-8"     | 6'-8" | 1 3/4" | F                | WD        |       |                      | F1         | WD   | N/A  | #U-2                                   | F1/ AG.02            | F1/ AG.02 |           | 1         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 03.11       | ■  | 2'-0"     | 6'-8" | 1 3/4" | E                | WD        |       |                      | F1         | WD   | N/A  | #U-6                                   | F1/ AG.02            | F1/ AG.02 |           | 1         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |         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|     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 03.12       |  | 2'-8"     | 6'-8" | 1 3/4" | F                | WD        |       |                      | F1         | WD   | N/A  | #U-2                                   | F1/ AG.02            | F1/ AG.02 |           | 1         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 03.13       | ■  | 2'-0"     | 6'-8" | 1 3/4" | E                | WD        |       |                      | F1         | WD   | N/A  | #U-6                                   | F1/ AG.02            | F1/ AG.02 |           | 1         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 101A        | ■  | 3'-2"     | 6'-8" | 1 3/4" | A                | VNL       |       |                      | F2         | HM   | N/A  | #U-1                                   | C5/ AG.02            | C8/ AG.02 | A8/ AG.02 | 2         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 101B        | ■  | 3'-0"     | 6'-8" | 1 3/4" | B                | VNL/ GL   |       |                      |            | VNL  | N/A  | #U-7                                   | C2/ AG.02            | C2/ AG.02 | A2/ AG.02 |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 102A        |  | 3'-2"     | 6'-8" | 1 3/4" | A                | VNL       |       |                      | F2         | HM   | N/A  | #U-1                                   | C5/ AG.02            | C8/ AG.02 | A8/ AG.02 | 2         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 102B        | ■  | 3'-0"     | 6'-8" | 1 3/4" | B                | VNL/ GL   |       |                      |            | VNL  | N/A  | #U-7                                   | C2/ AG.02            | C2/ AG.02 | A2/ AG.02 |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 103A        |  | 3'-2"     | 6'-8" | 1 3/4" | A                | VNL       |       |                      | F2         | HM   | N/A  | #U-1                                   | C5/ AG.02            | C8/ AG.02 | A8/ AG.02 | 2         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                          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      |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 103B        | ■  | 3'-0"     | 6'-8" | 1 3/4" | B                | VNL/ GL   |       |                      |            | VNL  | N/A  | #U-7                                   | C2/ AG.02            | C2/ AG.02 | A2/ AG.02 |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           | 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            |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  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  |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 104A        |  | 3'-2"     | 6'-8" | 1 3/4" | A                | VNL       |       |                      | F2         | HM   | N/A  | #U-1                                   | C5/ AG.02            | C8/ AG.02 | A8/ AG.02 | 2         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                          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      |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 104B        | ■  | 3'-0"     | 6'-8" | 1 3/4" | B                | VNL/ GL   |       |                      |            | VNL  | N/A  | #U-7                                   | C2/ AG.02            | C2/ AG.02 | A2/ AG.02 |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 201A        |  | 3'-2"     | 6'-8" | 1 3/4" | A                | VNL       |       |                      | F2         | HM   | N/A  | #U-1                                   | C5/ AG.02            | C8/ AG.02 | A8/ AG.02 | 2         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                          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      |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       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| 201B        | ■  | 3'-0"     | 6'-8" | 1 3/4" | B                | VNL/ GL   |       |                      |            | VNL  | N/A  | #U-7                                   | C2/ AG.02            | C2/ AG.02 | A2/ AG.02 |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           | 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|       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 202A        |  | 3'-2"     | 6'-8" | 1 3/4" | A                | VNL       |       |                      | F2         | HM   | N/A  | #U-1                                   | C5/ AG.02            | C8/ AG.02 | A8/ AG.02 | 2         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                          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      |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 202B        | ■  | 3'-0"     | 6'-8" | 1 3/4" | B                | VNL/ GL   |       |                      |            | VNL  | N/A  | #U-7                                   | C2/ AG.02            | C2/ AG.02 | A2/ AG.02 |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 203A        |  | 3'-2"     | 6'-8" | 1 3/4" | A                | VNL       |       |                      | F2         | HM   | N/A  | #U-1                                   | C5/ AG.02            | C8/ AG.02 | A8/ AG.02 | 2         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 203B        | ■  | 3'-0"     | 6'-8" | 1 3/4" | B                | VNL/ GL   |       |                      |            | VNL  | N/A  | #U-7                                   | C2/ AG.02            | C2/ AG.02 | A2/ AG.02 |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 204A        |  | 3'-2"     | 6'-8" | 1 3/4" | A                | VNL       |       |                      | F2         | HM   | N/A  | #U-1                                   | C5/ AG.02            | C8/ AG.02 | A8/ AG.02 | 2         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 204B        | ■  | 3'-0"     | 6'-8" | 1 3/4" | B                | VNL/ GL   |       |                      |            | VNL  | N/A  | #U-7                                   | C2/ AG.02            | C2/ AG.02 | A2/ AG.02 |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 205A        |  | 3'-2"     | 6'-8" | 1 3/4" | A                | VNL       |       |                      | F2         | HM   | N/A  | #U-1                                   | C5/ AG.02            | C8/ AG.02 | A8/ AG.02 | 2         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 205B        | ■  | 3'-0"     | 6'-8" | 1 3/4" | B                | VNL/ GL   |       |                      |            | VNL  | N/A  | #U-7                                   | C2/ AG.02            | C2/ AG.02 | A2/ AG.02 |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  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  |        |   |         |  |  |
| 206         | ■  | 2'-6"     | 7'-0" | 1 3/4" | J                | HM        |       |                      | F2         | HM   | N/A  | #01                                    | C5/ AG.02            | C8/ AG.02 | A8/ AG.02 |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      |   |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 301A        |  | 3'-2"     | 6'-8" | 1 3/4" | A                | VNL       |       |                      | F2         | HM   | N/A  | #U-1                                   | C5/ AG.02            | C8/ AG.02 | A8/ AG.02 | 2         |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                          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      |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     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    |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |     |   |       |       |        |   |    |  |  |    |    |     |     |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |
| 301B        | ■  | 3'-0"     | 6'-8" | 1 3/4" | B                | VNL/ GL   |       |                      |            |  |  |  |                      |           |           |           |                  |           |                   |                   |       |               |               |   |    |      |      |      |                |     |   |           |           |           |       |                      |            |       |           |                                   |   |  |                      |            |    |     |     |  |  |  |  |  |       |  |       |       |        |                 |    |                       |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |  |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                       |  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                   |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                   |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                      |                                  |  |    |    |     |     |           |           |           |  |       |  |       |       |        |   |                                  |                                     |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                          |  |  |    |    |     |     |           |           |  |  |       |  |       |       |        |   |                                     |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |                     |                                     |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |                              |                     |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |                                   |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |    |    |    |  |    |    |     |      |           |           |  |   |       |   |       |       |        |   |    |  |  |    |    |     |  |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |       |  |       |       |        |   |    |  |  |    |    |     |      |           |           |  |   |      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       |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |           |  |      |  |       |       |        |   |     |  |  |    |    |     |      |           |           |           |   |      |   |       |       |        |   |         |  |  |  |     |     |      |           |           |   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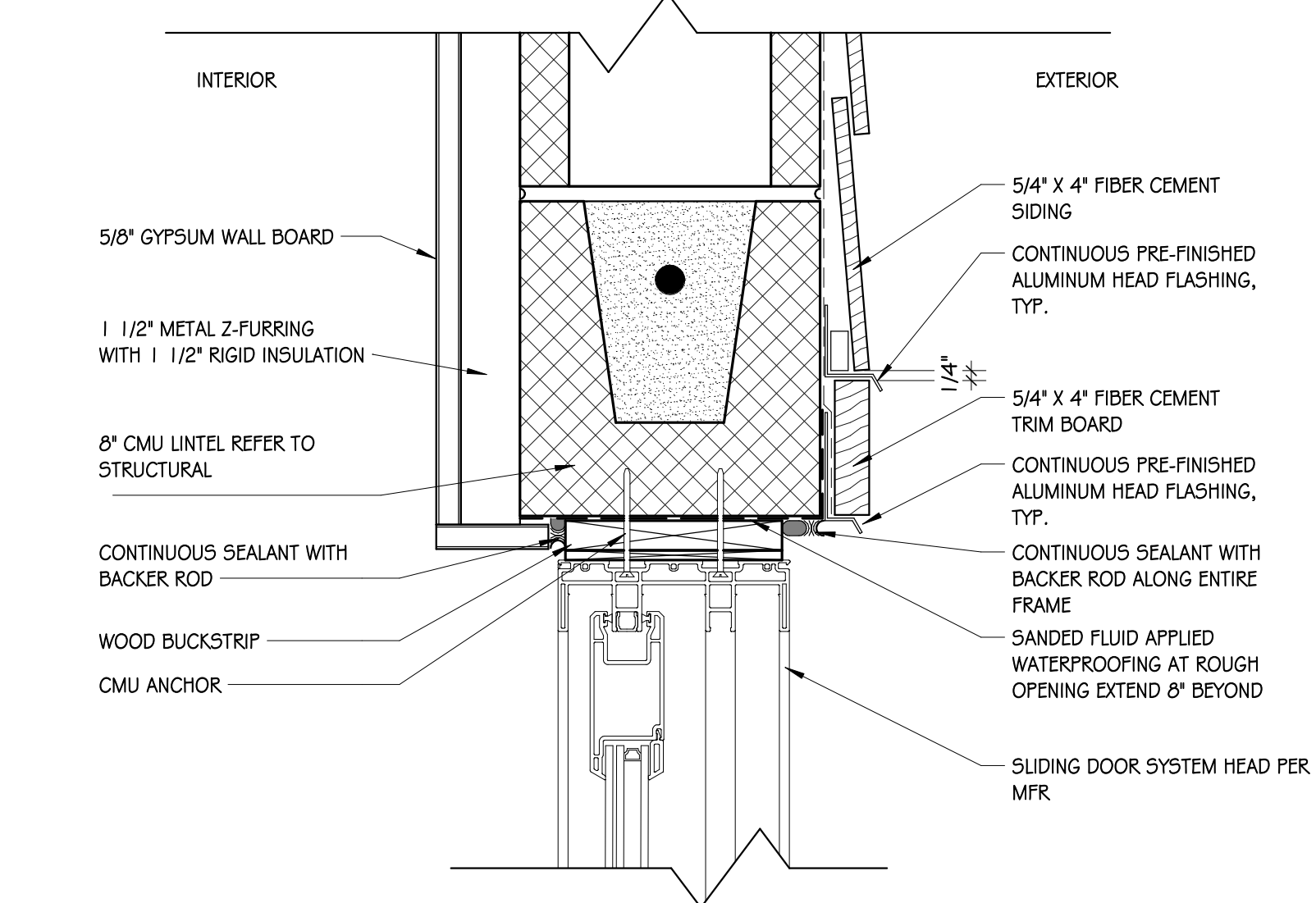
**F1 INT. WD STUD \_WD DOOR HEAD**  
SCALE: 3" = 1'-0"

**F3 INT MTL STUD HM DOOR HEAD/ JAMB**  
SCALE: 3" = 1'-0"

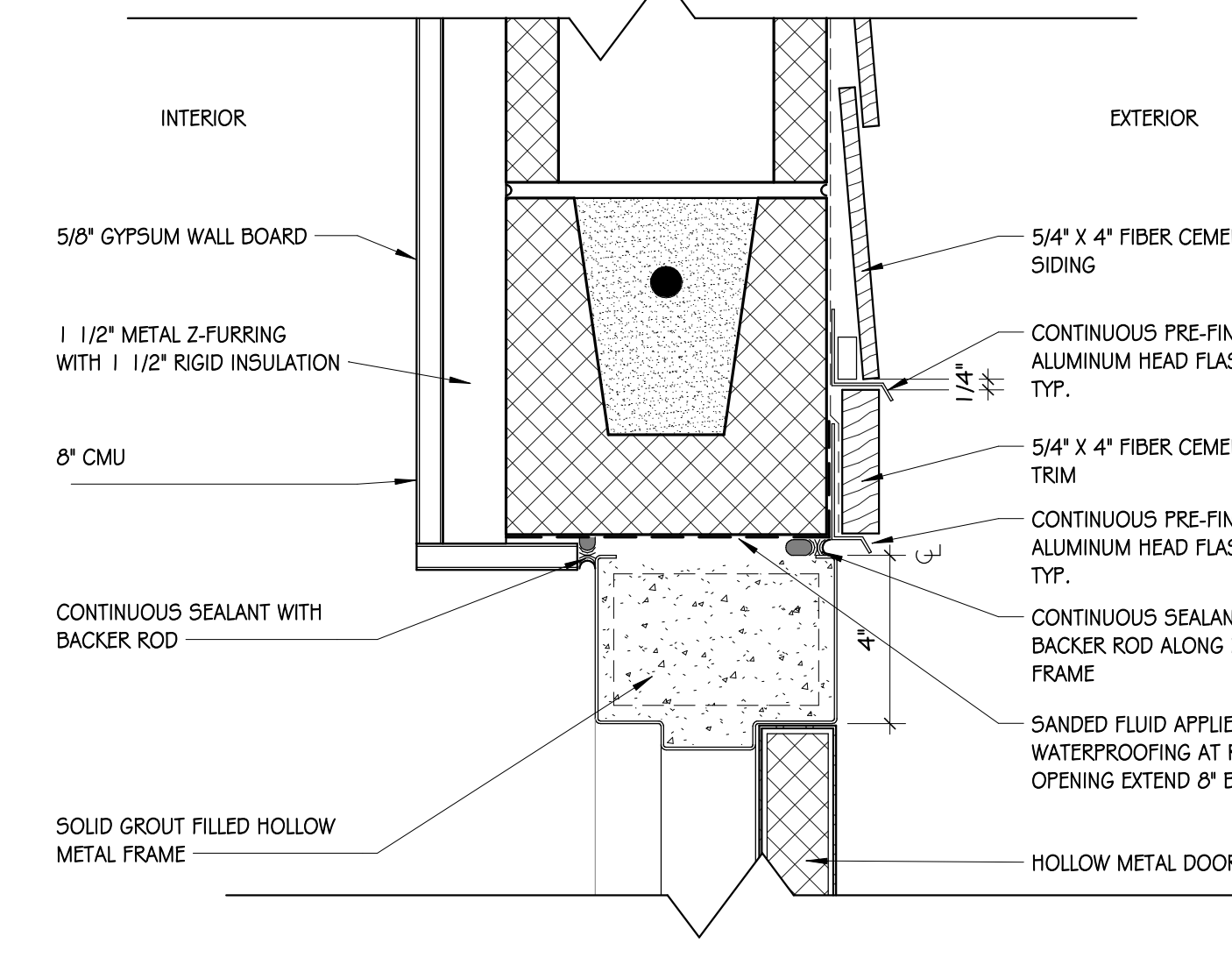


**F5 MTL\_HARDI BOARD HMD DOOR HEAD**  
SCALE: 3" = 1'-0"

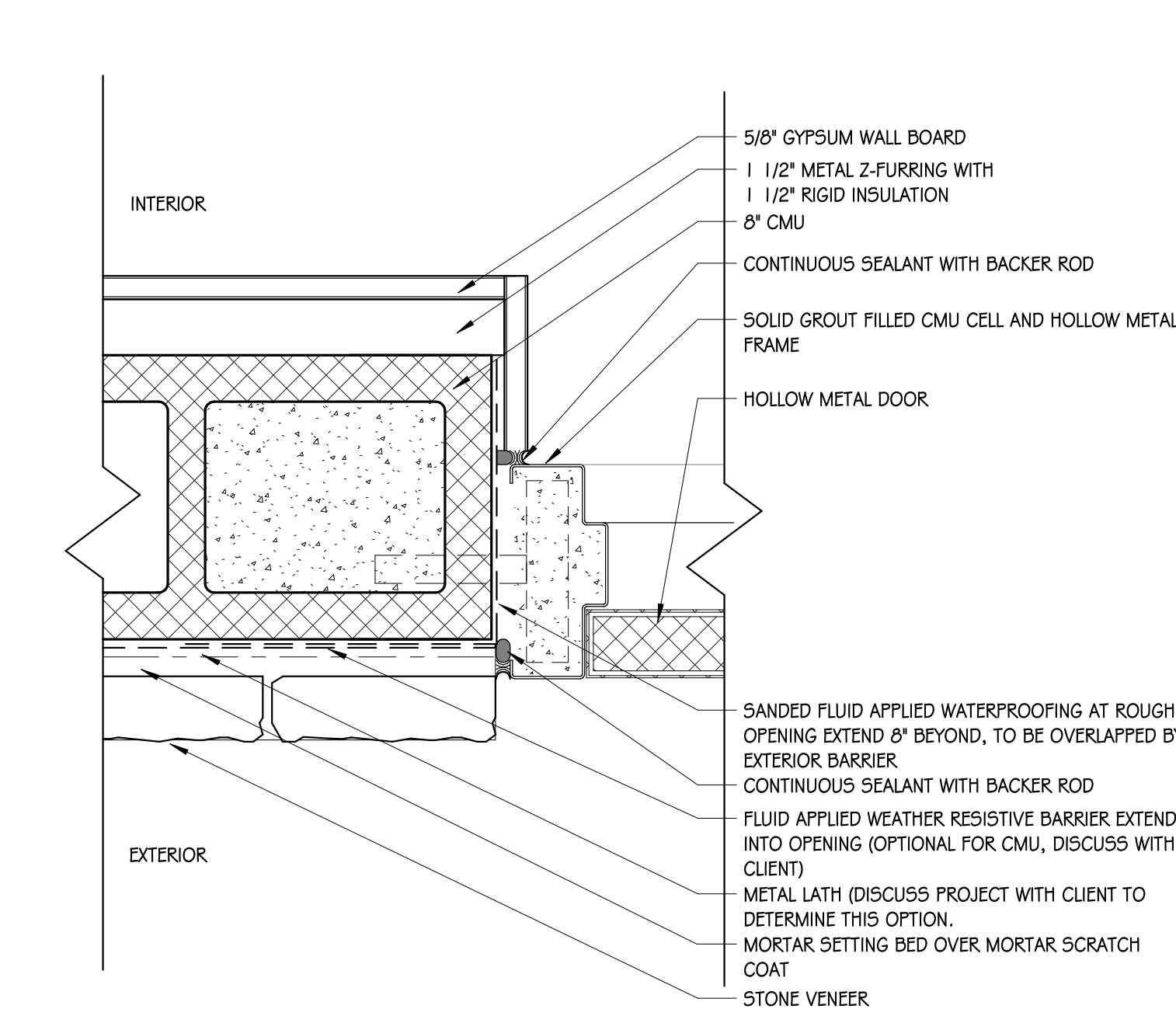
**F8 MTL STUD\_ADHERED STONE\_HMD DOOR JAMB**  
SCALE: 3" = 1'-0"



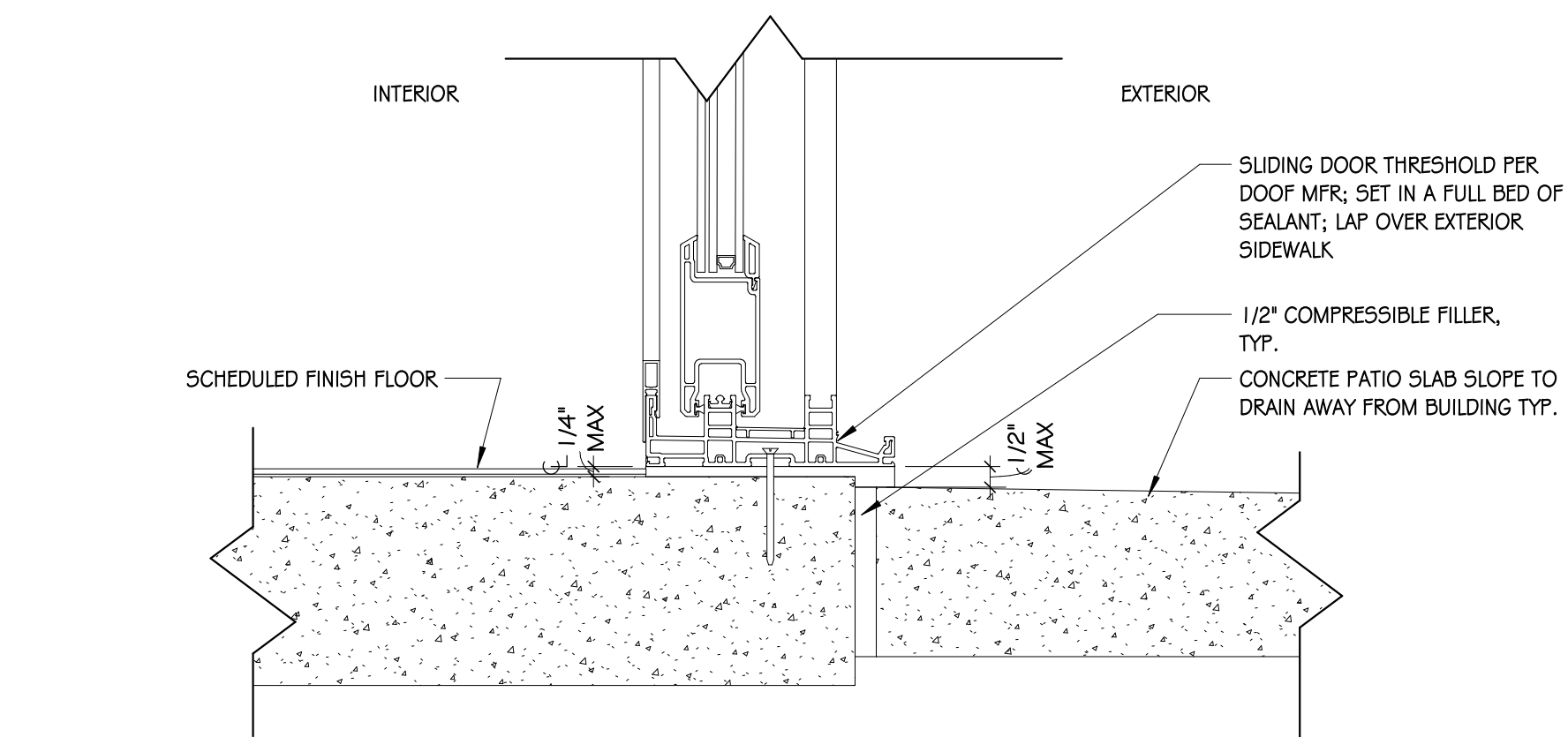
**C2 CMU\_HARDI BOARD SLD DOOR HEAD / JAMB**  
SCALE: 3" = 1'-0"



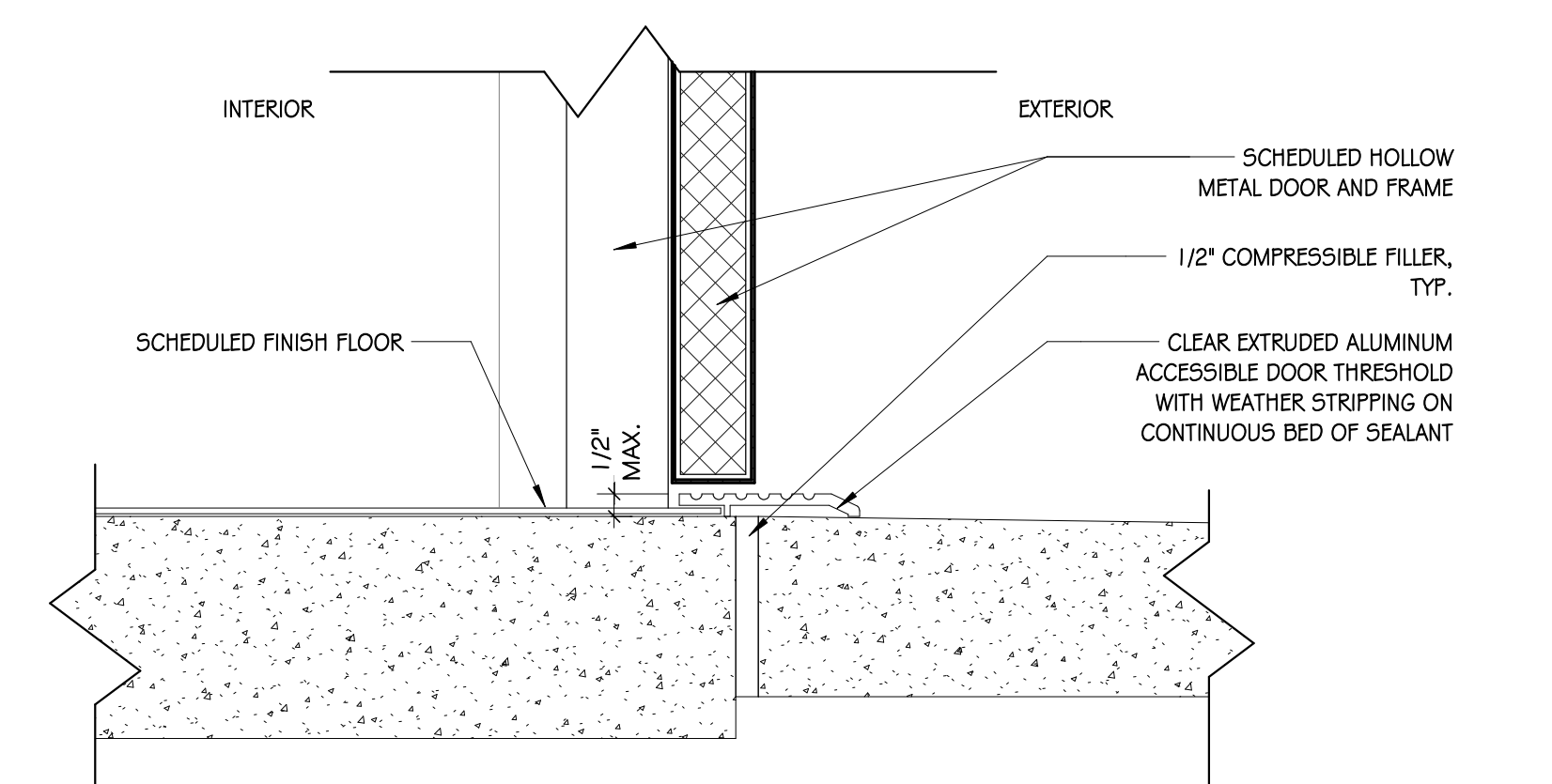
**C5 CMU\_HARDI BOARD HMD DOOR HEAD**  
SCALE: 3" = 1'-0"



**C8 CMU\_ADHERED STONE\_HMD DOOR JAMB**  
SCALE: 3" = 1'-0"

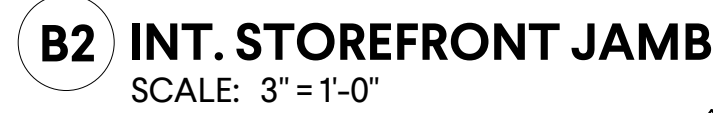


**A2 CMU\_HARDI BOARD SLD DOOR SILL**  
SCALE: 3" = 1'-0"



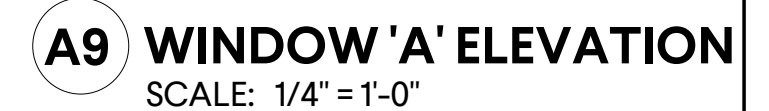
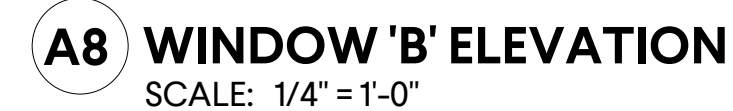
**A8 TYP. DOOR THRESHOLD**  
SCALE: 3" = 1'-0"



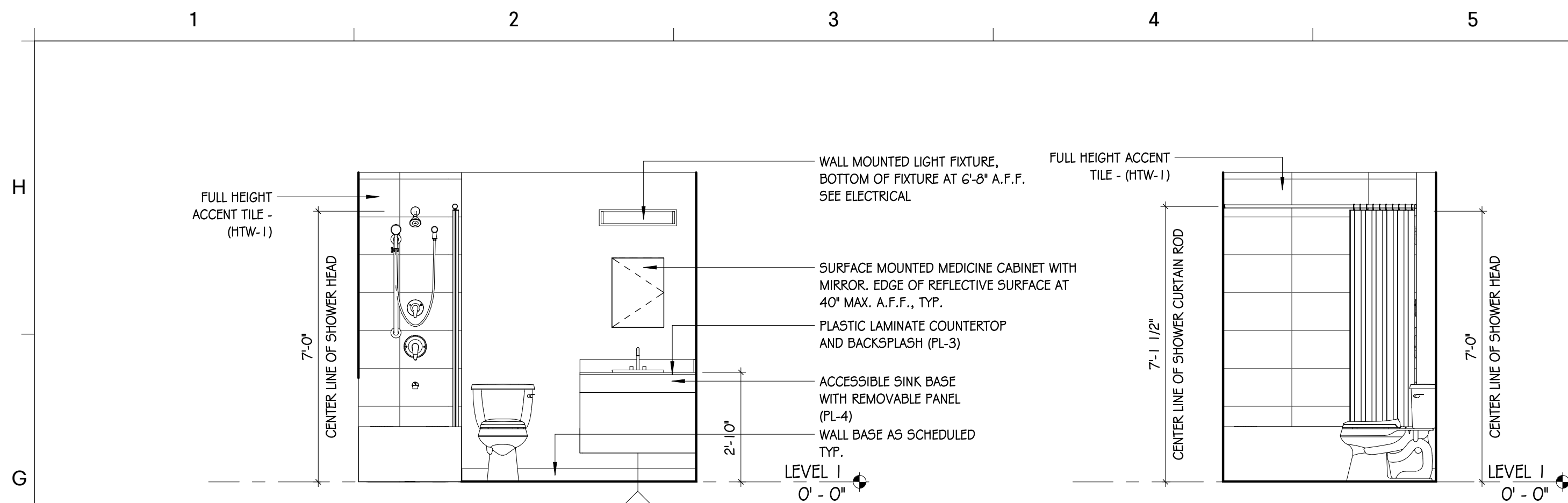


## GLAZING NOTES

1. ALL WINDOWS ARE VINYL, SINGLE HUNG
2. ALL EXTERIOR DOORS AND WINDOWS SHALL COMPLY WITH CHAPTER 24 OF THE FLORIDA BUILDING CODE LATEST EDITION AND AMENDMENTS.
3. PROVIDE INSECT SCREEN AT ALL OPERABLE WINDOW OPENINGS
4. ALL OPERABLE WINDOWS SHALL BE PROVIDED WITH A LOCKING DEVICE CAPABLE OF WITHSTANDING A FORCE OF 150 LBS APPLIED IN ANY OPERABLE DIRECTION. WINDOW FRAMES SHALL BE CONSTRUCTED SO THAT WHEN FIXED OR LOCKED THEY CANNOT BE REMOVED FROM THE OUTSIDE.
5. WINDOW GLAZING SHALL BE INSULATED DOUBLE STRENGTH GLASS ENERGY SHIELD LOW-E AND AIR FILLED WITH THE FOLLOWING ENERGY PERFORMING RATINGS:
  - A. U-FACTOR: 0.34
  - B. SOLAR HEAT GAIN COEFFICIENT (SHGC): 0.31
  - C. VISIBLE LIGHT TRANSMITTANCE (VT): 0.55
1. IDENTIFY SAFETY GLAZING AS REQUIRED IN FBC 2406
2. ALL INDIVIDUAL GLAZED AREAS SHALL USE GLAZING WHICH IS MINIMUM CPSC 16 CFR 1201 CATEGORY I.
3. USE CPSC 16 CFR 1201 CATEGORY II GLAZING FOR ANY OF THE FOLLOWING CONDITIONS INDEPENDANT OF GLAZED AREA:
  - A. GLAZING IN DOORS AND ENCLOSURES FOR HOT TUBS, WHIRL-POLS, SAUNAS, STEAM ROOMS, BATHTUBS AND SHOWERS. (ANY GLAZED AREA)
  - B. GLAZING IN ANY PORTION OS A BUILDING WALL ENCLOSING THESE COMPARTMENTS WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60" ABOVE A STANDING SURFACE. (ANY GLAZED AREA)
  - C. SLIDING GLASS DOORS PATIO TYPE (ANY GLAZED AREA)
  - D. GLAZING IN ATHLETIC FACILITIES AND SIMILAR USES.
1. EXTERIOR GLAZING TO COMPLY WITH THE ABOVE REQUIREMENTS AND WITH THE REQUIREMENTS OF FBC 2410.2
  - A. SMALL MISSILE IMPACT (SMI) RESISTANT WHEN LOCATED WITHIN THE LOWEST 30' OF THE BUILDING EXTERIOR.
  - B. LARGE MISSILE IMPACT (LMI) RESISTANT WHEN LOCATED ABOVE THE LOWEST 30' OF THE BUILDING EXTERIOR

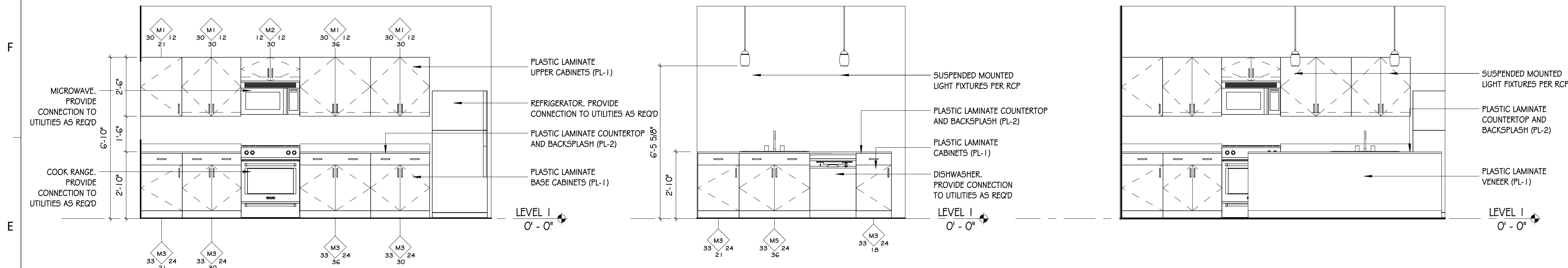






**G1 INTERIOR ELEVATION - (2) BEDROOM UNIT - BATHROOM - A**  
SCALE: 3/8" = 1'-0"

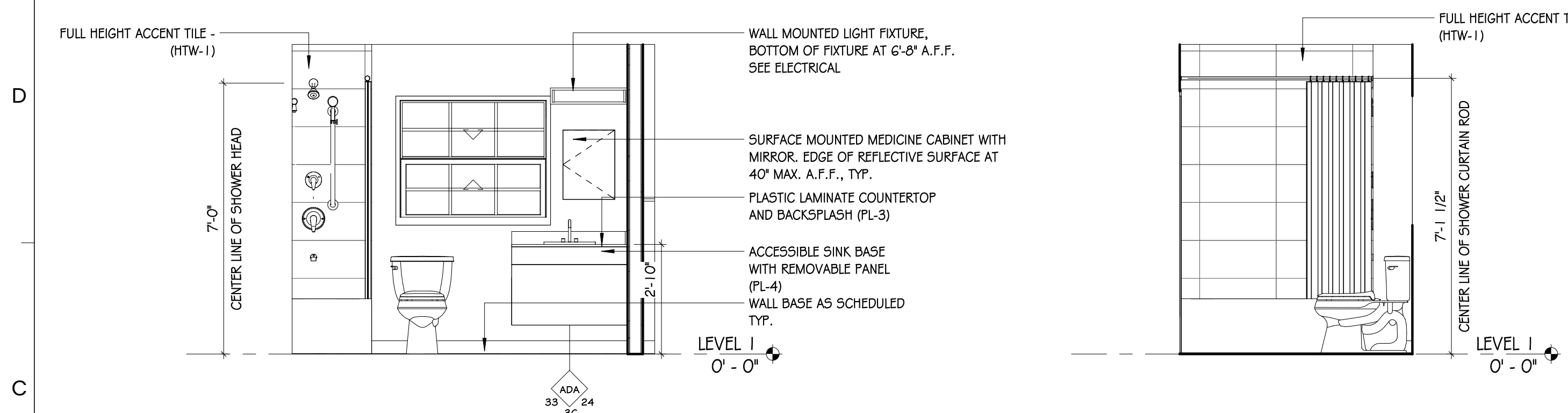
**G4 INTERIOR ELEVATION - (2) BEDROOM UNIT - BATHROOM - B**  
SCALE: 3/8" = 1'-0"



**E1 INTERIOR ELEVATION - (2) BEDROOM UNIT - KITCHEN - A**  
SCALE: 3/8" = 1'-0"

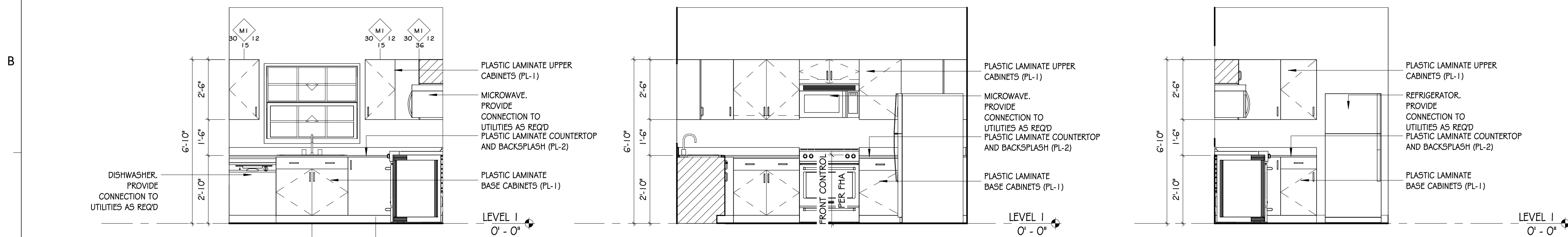
**E4 INTERIOR ELEVATION - (2) BEDROOM UNIT - KITCHEN - B**  
SCALE: 3/8" = 1'-0"

**E6 INTERIOR ELEVATION - (2) BEDROOM UNIT - KITCHEN - C**  
SCALE: 3/8" = 1'-0"



**C1 INTERIOR ELEVATION - (1) BEDROOM UNIT - BATHROOM - A**  
SCALE: 3/8" = 1'-0"

**C4 INTERIOR ELEVATION - (1) BEDROOM UNIT - BATHROOM - B**  
SCALE: 3/8" = 1'-0"



**A1 INTERIOR ELEVATION - (1) BEDROOM UNIT - KITCHEN - A**  
SCALE: 3/8" = 1'-0"

**A4 INTERIOR ELEVATION - (1) BEDROOM UNIT - KITCHEN - B**  
SCALE: 3/8" = 1'-0"

**A6 INTERIOR ELEVATION - (1) BEDROOM UNIT - KITCHEN - C**  
SCALE: 3/8" = 1'-0"

## GENERAL NOTES

1. PROVIDE P.T. BLOCKING FOR GRAB BARS AND TOILET ACCESSORIES IN BATHROOMS AT ADA ACCESSIBLE UNITS. REFER TO ARCHITECTURAL SITE PLAN FOR LOCATION
2. FOR UNIT PLANS, SEE SHEET A1.1.1 ENLARGED UNIT PLANS
3. ALL INTERIOR WALL TO BE 3-1/2" WOOD FRAMING, U.O.N.
4. ALL EXTERIOR WALLS TO BE DIMENSIONED TO THE EXTERIOR FACE OF CONCRETE BLOCK OR EXTERIOR FACE OF STUD.
5. PROVIDE 5/8" WATER-RESISTANCE GWB IN LIEU OF TYPICAL GWB AT ALL WET AREAS INCLUDING, BUT NOT LIMITED, BATHROOMS OR SHOWER AREAS
6. ALL SHELVEING CONFIGURATION TO BE VINYL COATED WIRE.
7. AT INTERIOR WALLS, PROVIDE BATT INSULATION IN BATHROOM AREAS, REFER TO ENLARGED UNIT PLAN FOR LOCATION
8. PROVIDE 5LB MULTI-FIRE EXTINGUISHER IN KITCHEN SINK CABINET
9. PAINT ALL MISC. HVAC GRILLES, ETC. SEMI-GLOSS TO MATCH ADJACENT SURFACES
10. PROVIDE FILLER PANELS AT INTERIOR CORNERS IN CASEWORK TO ALLOW ALL DOOR AND DRAWER CLEARANCE, INCLUDING HARDWARE

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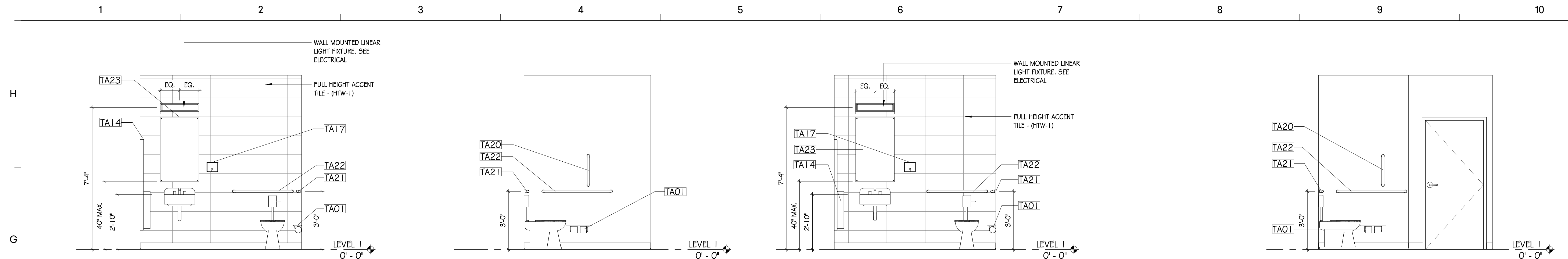
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INTERIOR  
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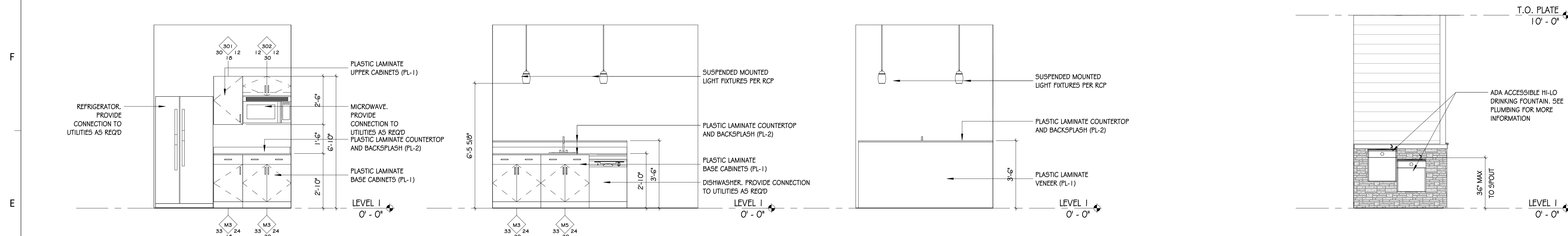


**G1 INTERIOR ELEVATION - CLUBHOUSE - RESTROOM - A**  
SCALE: 3/8" = 1'-0"

**G3 INTERIOR ELEVATION - CLUBHOUSE - RESTROOM - B**  
SCALE: 3/8" = 1'-0"

**G6 INTERIOR ELEVATION - CLUBHOUSE - POOL RESTROOM**  
SCALE: 3/8" = 1'-0"

**G8 INTERIOR ELEVATION - CLUBHOUSE - POOL RESTROOM - B**  
SCALE: 3/8" = 1'-0"

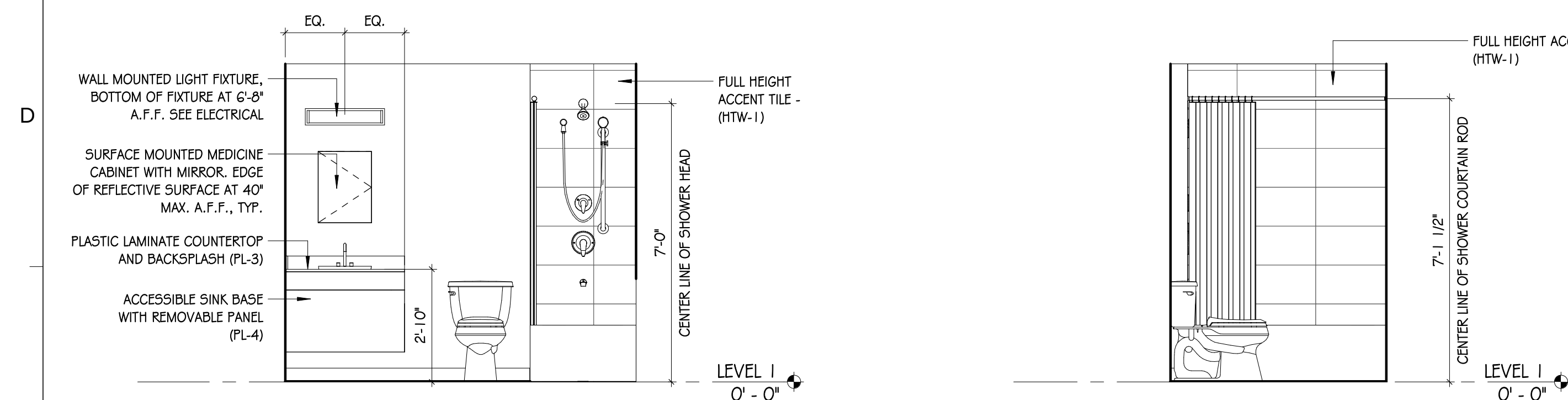


**E1 INTERIOR ELEVATION - CLUBHOUSE - KITCHEN - A**  
SCALE: 3/8" = 1'-0"

**E3 INTERIOR ELEVATION - CLUBHOUSE - KITCHEN - B**  
SCALE: 3/8" = 1'-0"

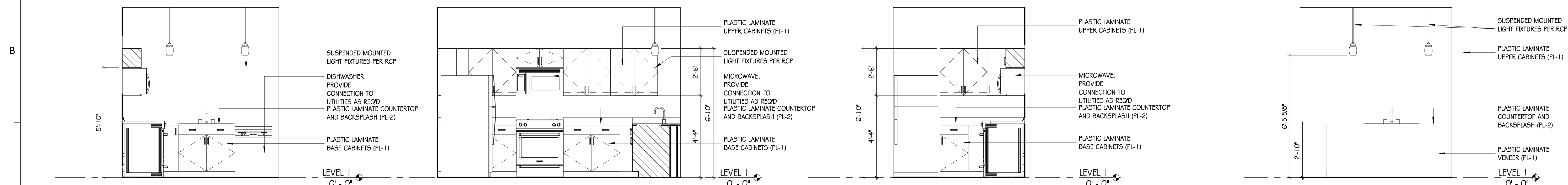
**E6 INTERIOR ELEVATION - CLUBHOUSE - KITCHEN - C**  
SCALE: 3/8" = 1'-0"

**E8 INTERIOR ELEVATION - CLUBHOUSE - DRINKING FOUNTAIN**  
SCALE: 3/8" = 1'-0"



**C1 INTERIOR ELEVATION - (3) BEDROOM UNIT - BATHROOM - A**  
SCALE: 3/8" = 1'-0"

**C3 INTERIOR ELEVATION - (3) BEDROOM UNIT - BATHROOM - B**  
SCALE: 3/8" = 1'-0"



**A1 INTERIOR ELEVATION - (3) BEDROOM UNIT - KITCHEN -**  
SCALE: 3/8" = 1'-0"

**A3 INTERIOR ELEVATION - (3) BEDROOM UNIT - KITCHEN - B**  
SCALE: 3/8" = 1'-0"

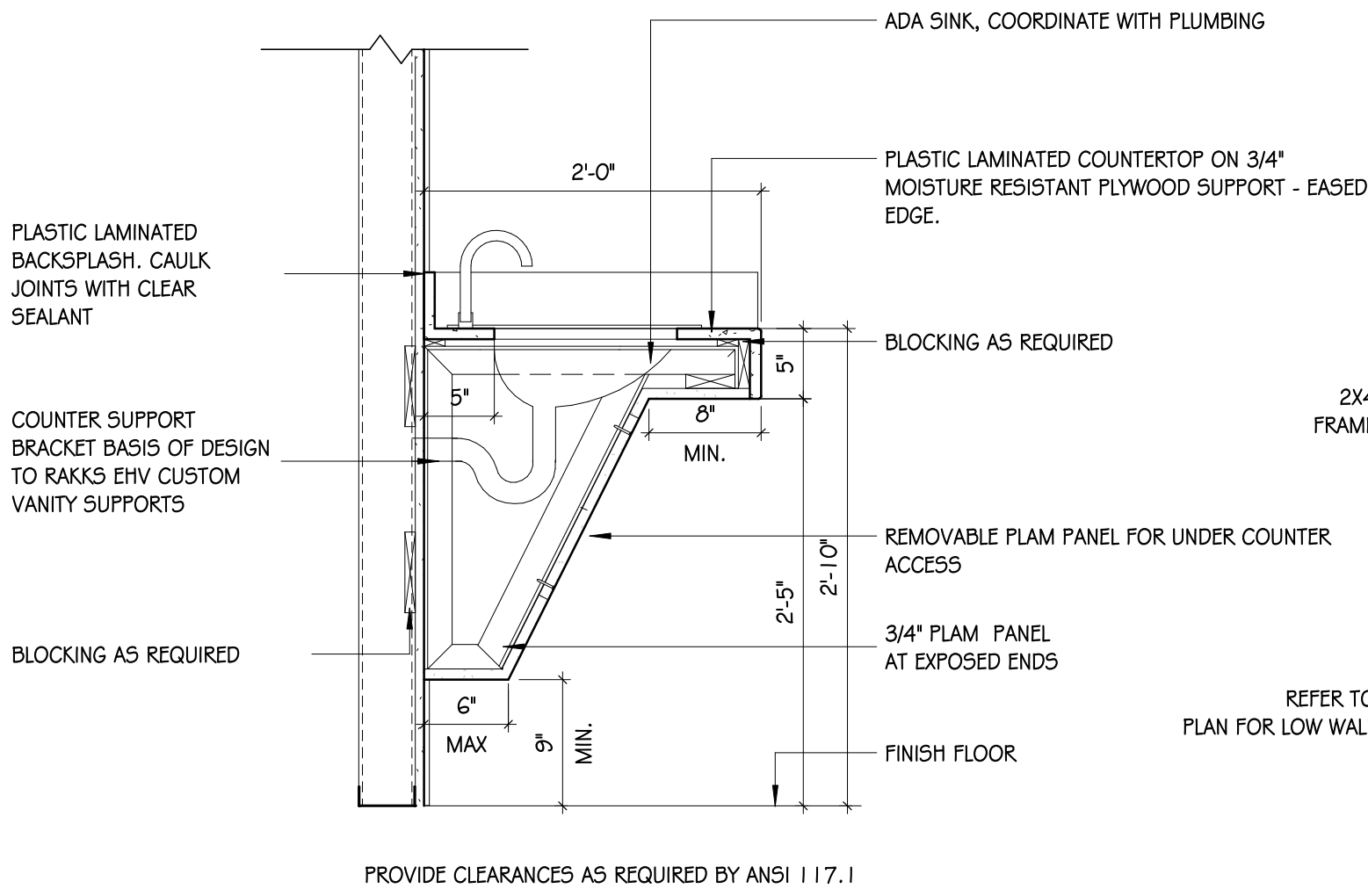
**A6 INTERIOR ELEVATION - (3) BEDROOM UNIT - KITCHEN - C**  
SCALE: 3/8" = 1'-0"

**A8 INTERIOR ELEVATION - (3) BEDROOM UNIT - KITCHEN - D**  
SCALE: 3/8" = 1'-0"

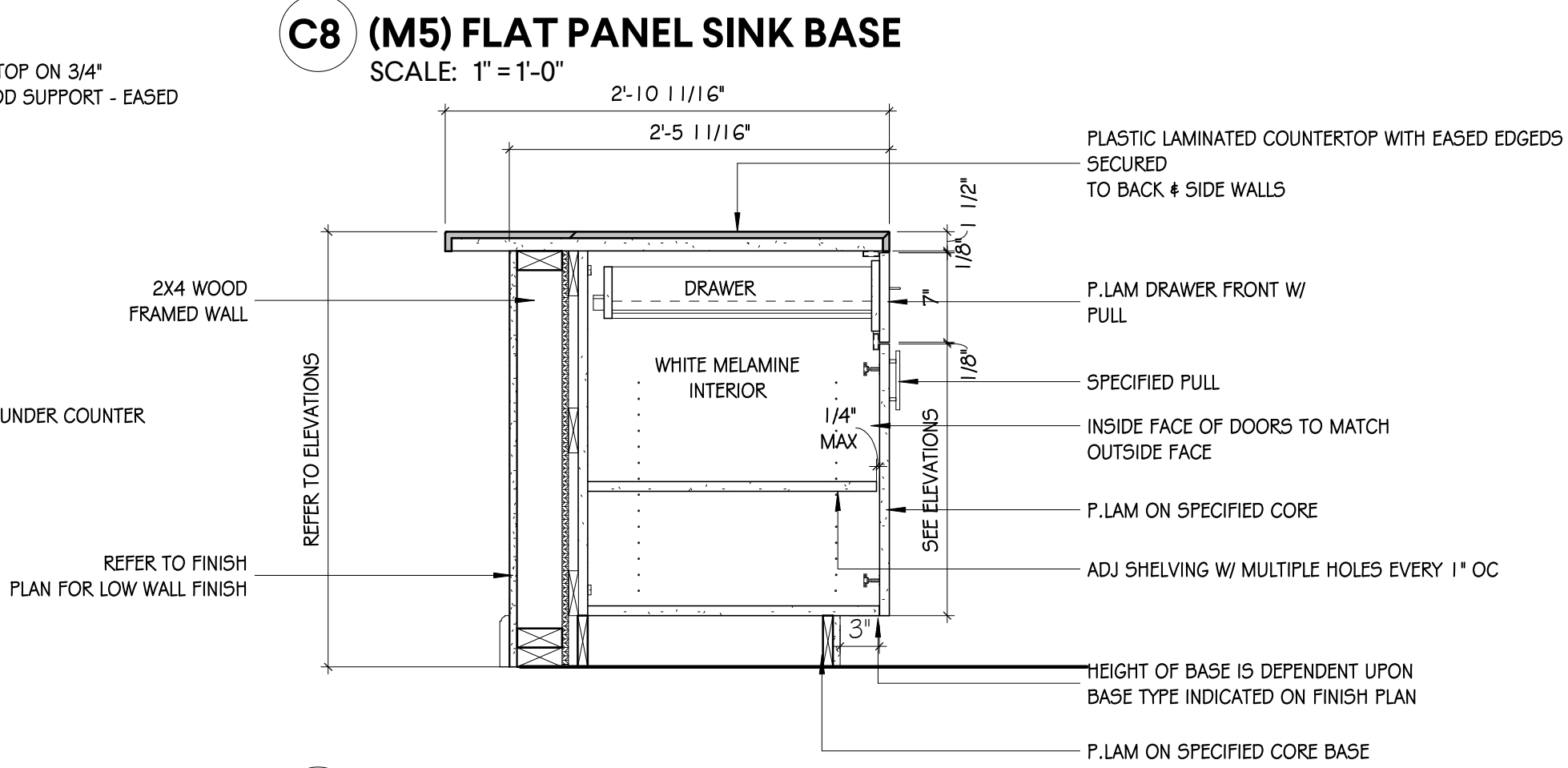


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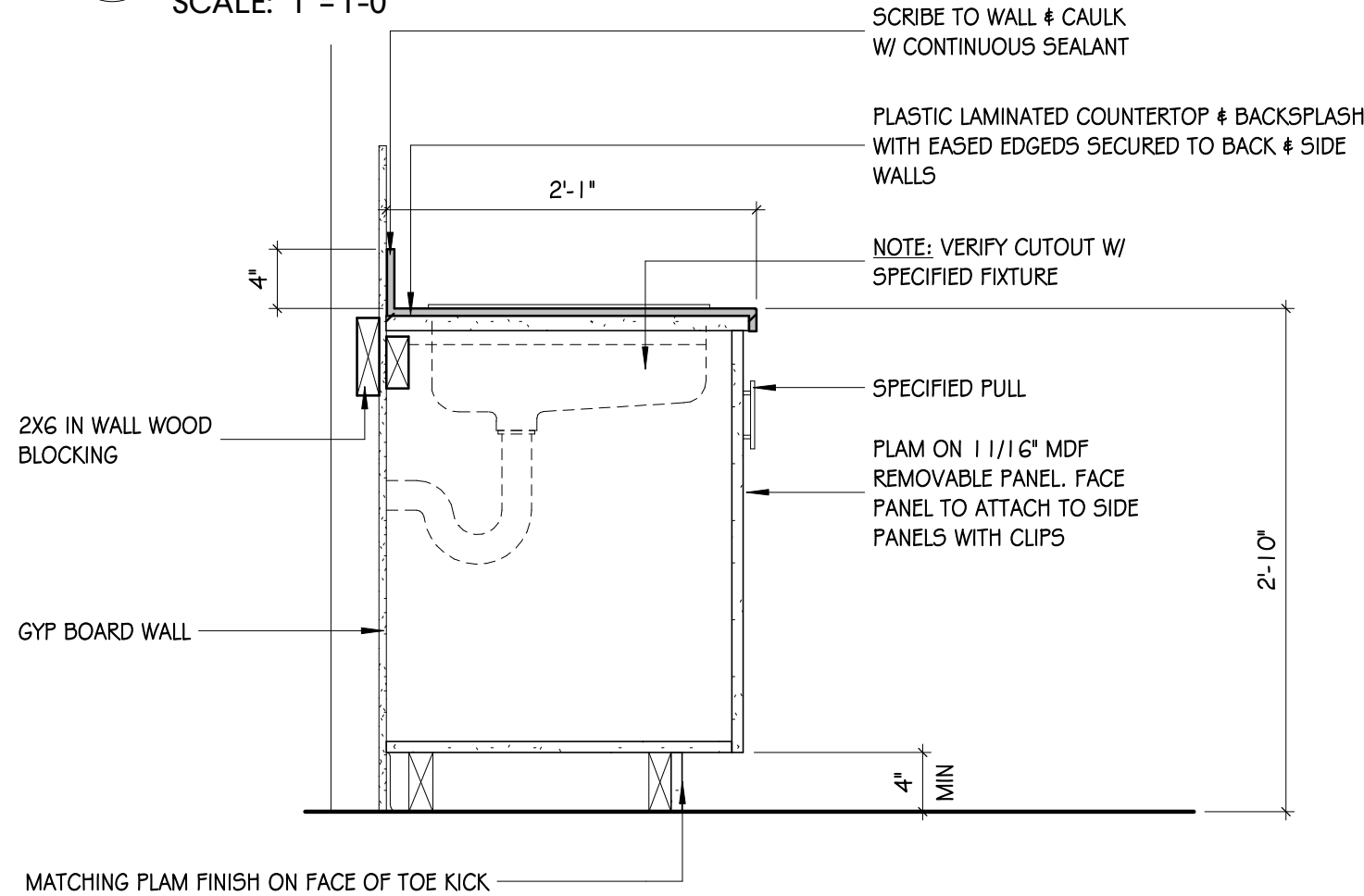
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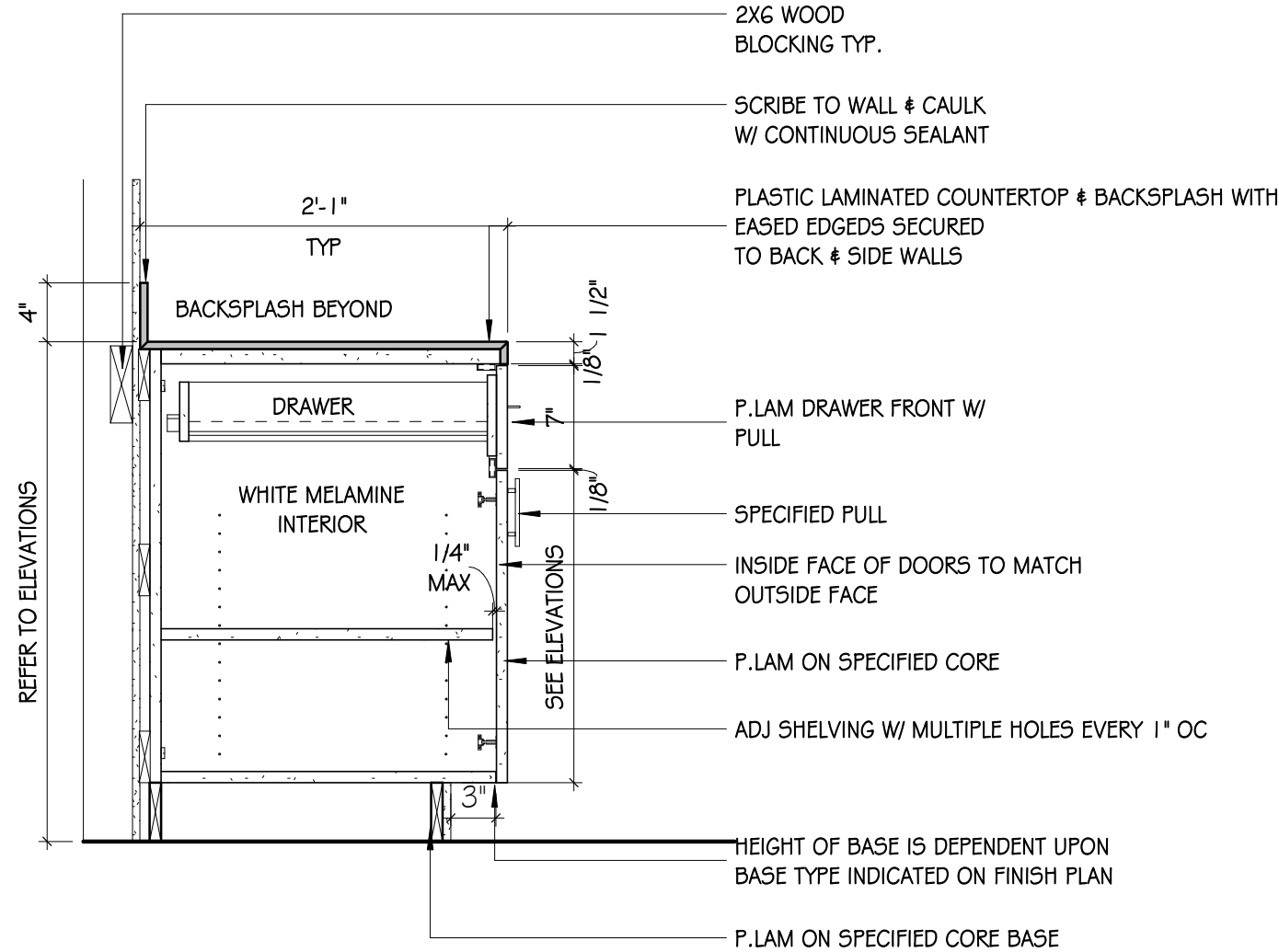
**A5 (ADA) BASE CABINET**  
SCALE: 1" = 1'-0"



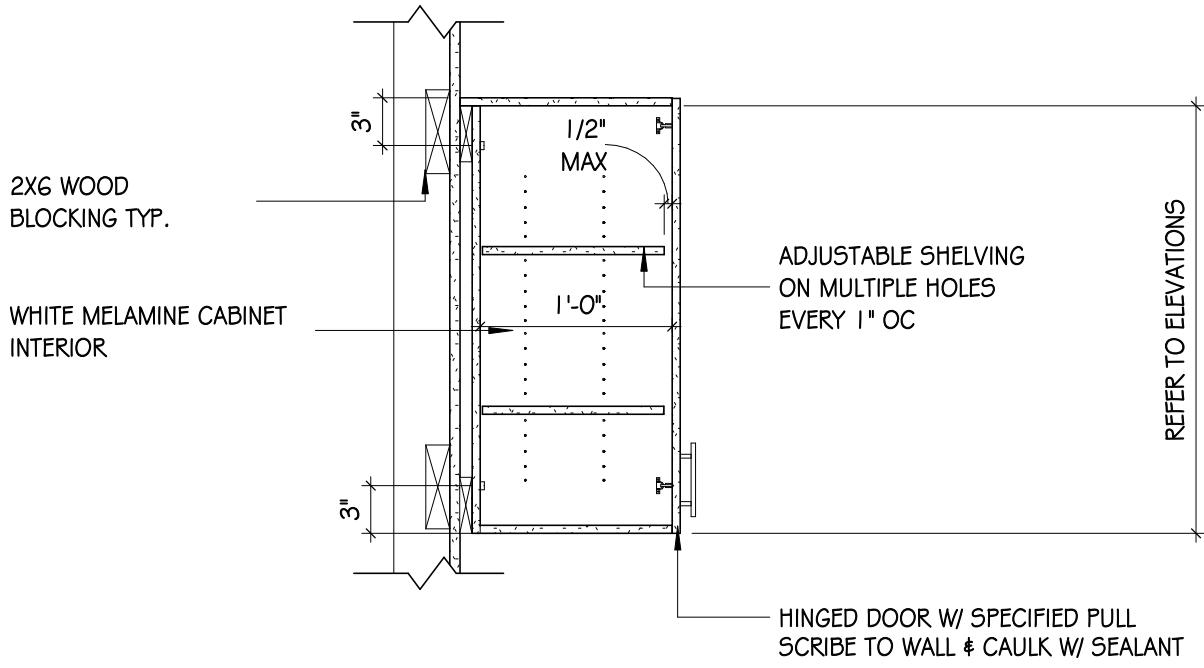
**A8 (M3) DR & DWR BASE CABINET @ LOW WALL**  
SCALE: 1" = 1'-0"



**E8 (M3) DR & DWR BASE CABINET**  
SCALE: 1" = 1'-0"



**G8 (M1) UPPER CABINET DETAIL**  
SCALE: 1" = 1'-0"



MILLWORK  
DETAILS

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| <b>FINISH LEGEND<br/>AND SCHEDULE</b><br><br><b>A8.01</b>                 | <b>MAGNOLIA OAKS</b>     |   | <b>GMC</b>  |   |
|   | 7240 & 7338              |   |   |   |
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|   | NEW PORT RICHEY, FLORIDA |   |   |   |
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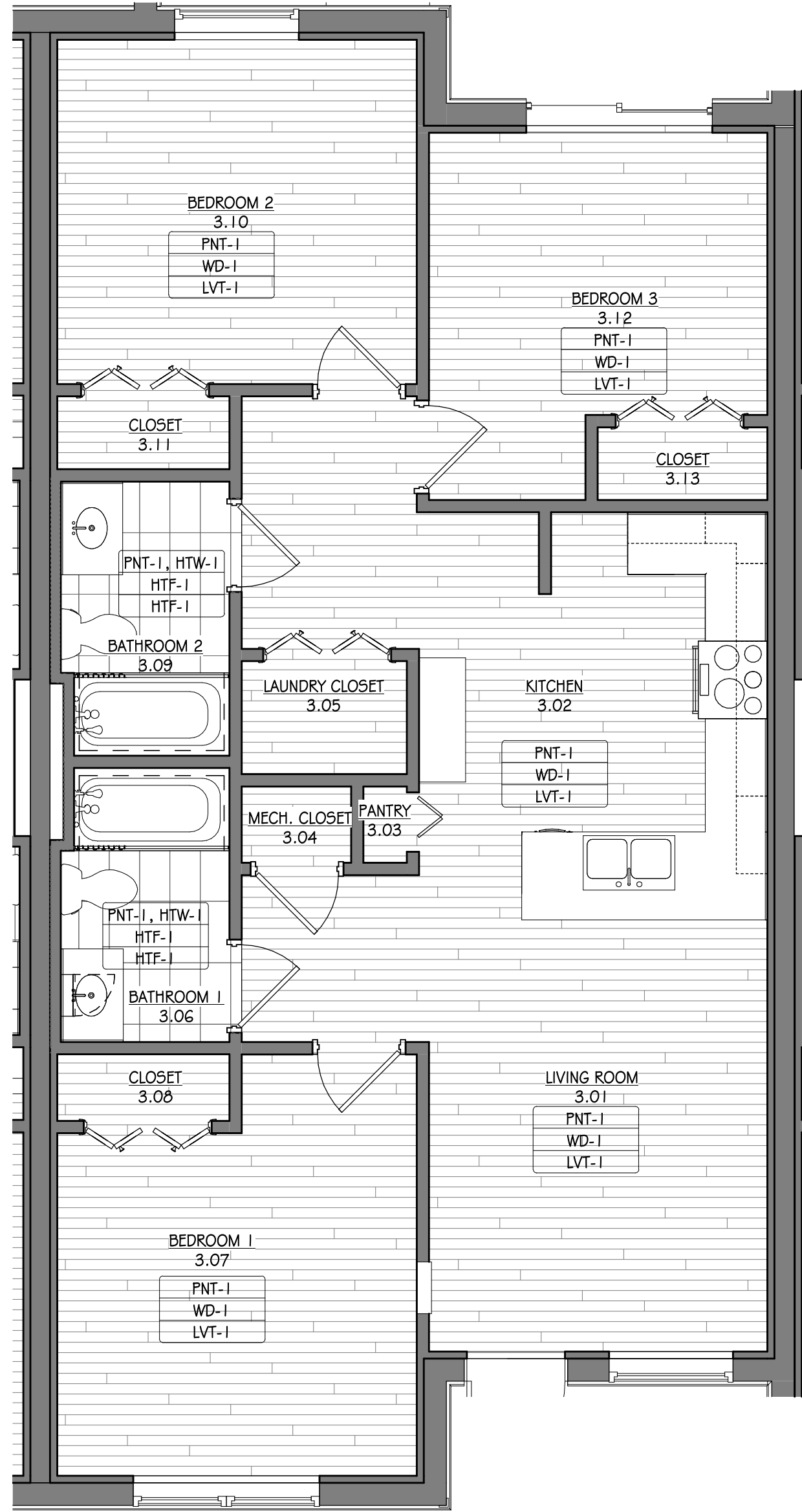




**A1 FINISH PLAN - ONE BEDROOM UNIT**  
SCALE: 1/4" = 1'-0"



**A4 FINISH PLAN - TWO BEDROOM UNIT**  
SCALE: 1/4" = 1'-0"

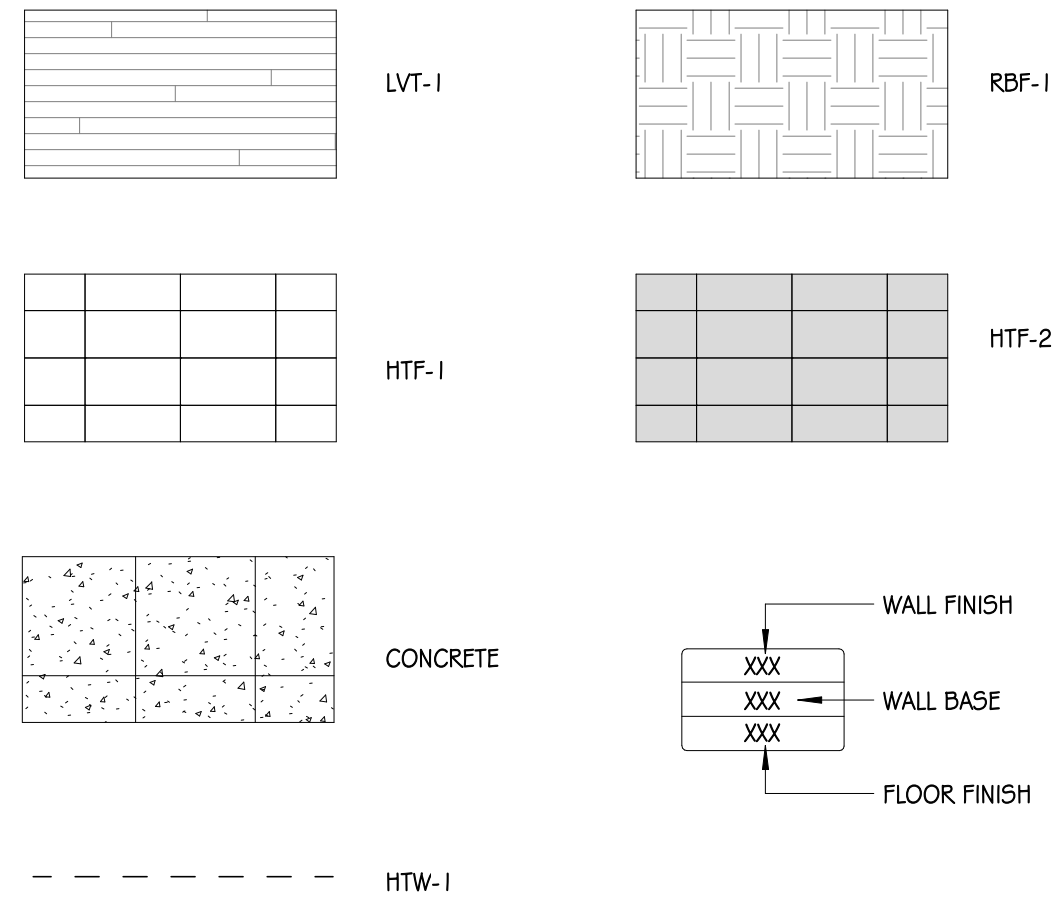


**A6 FINISH PLAN - THREE BEDROOM UNIT**  
SCALE: 1/4" = 1'-0"

**FINISH GENERAL NOTES**

- ALL INTERIOR WALLS TO RECEIVE PAINT PNT-1, U.N.O.
- REFER TO FINISH PLANS AND ELEVATIONS FOR LOCATION OF ACCENT PAINT COLORS.
- REFER TO INTERIOR FLOOR PATTERN AND FINISH PLANS FOR FLOOR PATTERNS. CONTRACTOR TO NOTIFY INTERIOR DESIGNER BEFORE INSTALLATION OF FLOORING TO REVIEW DESIGN INTENT OF FLOOR PATTERN PLAN.
- ALL INTERIOR DOOR AND WINDOW FRAMES TO BE PAINTED PNT-2, UNLESS OTHERWISE NOTED.
- ALL RESILIENT TRANSITION STRIPS, SHALL BE ANODIZED ALUMINUM SATIN NICKEL COLOR, UNLESS OTHERWISE NOTED ON DETAIL. ALL FLOOR TRANSITION STRIPS OT BE CENTERED UNDER DOOR.
- REFER TO RCP FOR ACCENT PAINT COLOR LOCATIONS.
- WHERE HARD FLOOR TILE IS USED, CENTER PATTERN IN ROOM. ALIGN VERTICAL GROUT LINES OF WALL TILE THOSE IN FLOOR TILE.
- GROUT COLORS TO BE DETERMINED DURING CONSTRUCTION.
- INSTALL 3MM EDGE BAND ON ALL PLASTIC LAMINATE COUNTERTOPS TO MATCH COUNTERTOP LAMINATE COLOR. GC TO ALLOW ADEQUATE TIME FOR SPECIAL PRODUCTION RUN.
- ALL ACCESS PANELS AND GRILLES TO BE PAINTED WALL OR CEILING COLOR, UNLESS OTHERWISE NOTED.
- ALL WINDOWS TO HAVE WHITE PAINTED WOOD SILL, UNLESS OTHERWISE NOTED.
- FLOOR FINISHES TO EXTEND UNDER ALL MILLWORK.
- EXTEND ALL WALL FINISHES TO FINISHED CEILING.
- PROVIDE ROLLER SHADES (RS-1) AT ALL CLUBHOUSE EXTERIOR WINDOW LOCATIONS.

**FINISH LEGEND**



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**UNIT FINISH  
PLANS**

**A8.02**

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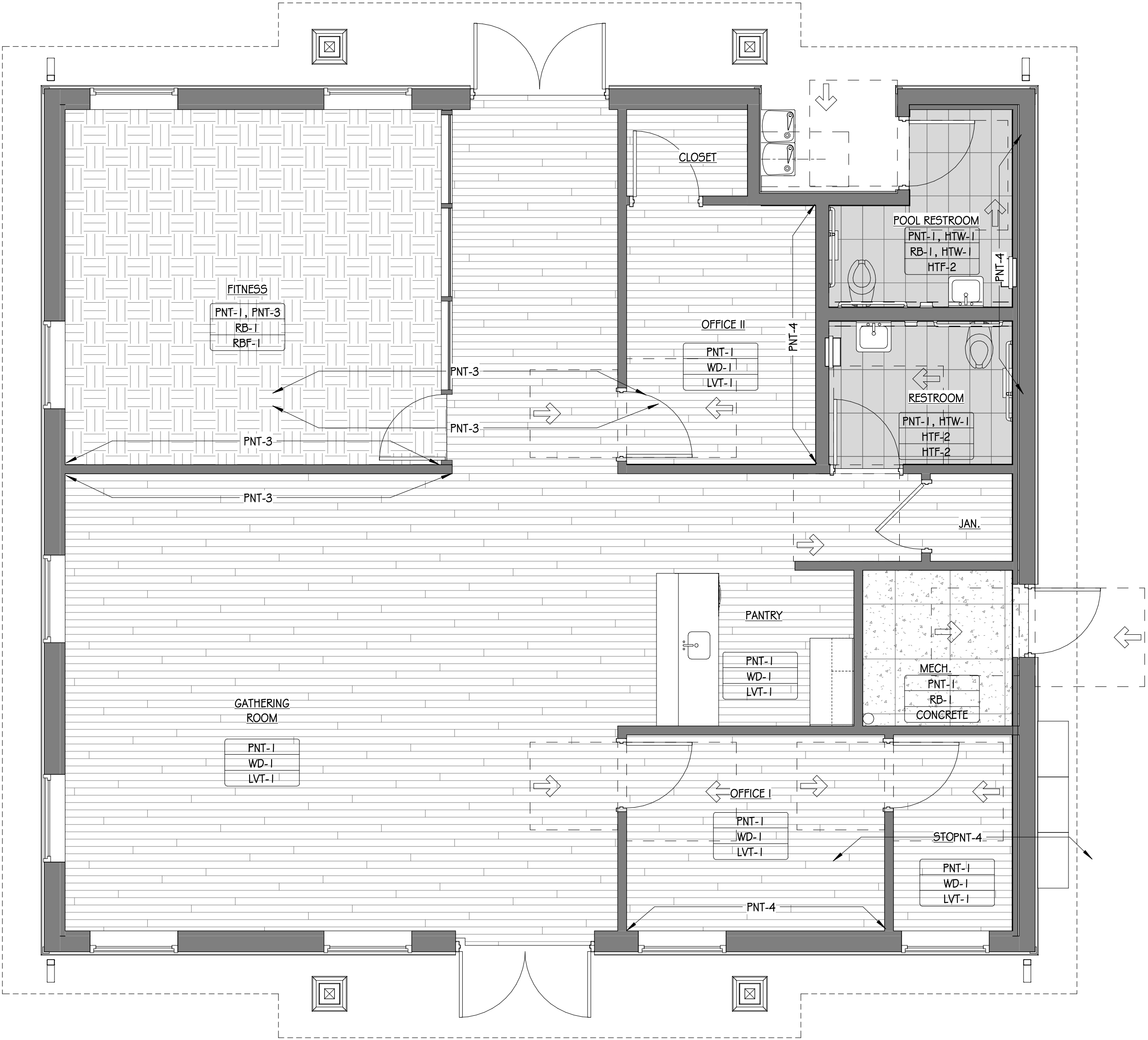
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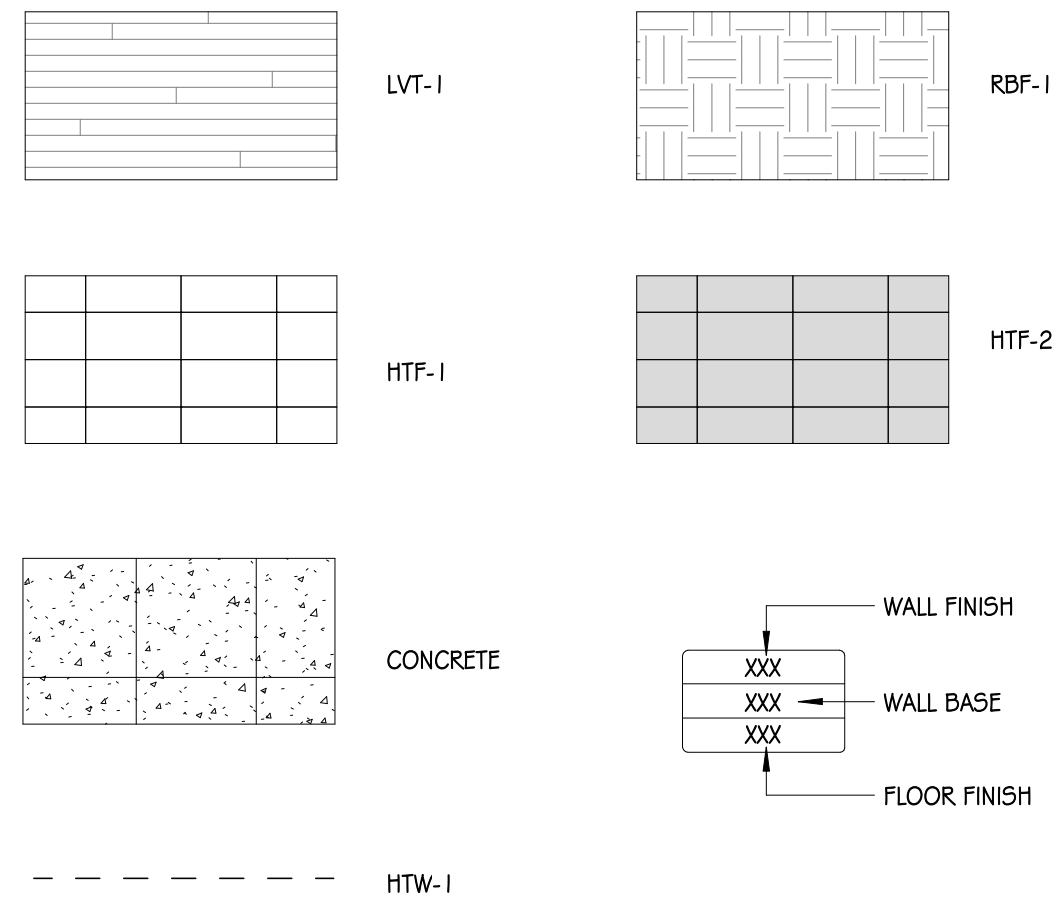
**A1 FINISH PLAN - CLUBHOUSE**  
SCALE: 1/4" = 1'-0"



**FINISH GENERAL NOTES**

1. ALL INTERIOR WALLS TO RECEIVE PAINT PNT-1, U.N.O.
2. REFER TO FINISH PLANS AND ELEVATIONS FOR LOCATION OF ACCENT PAINT COLORS.
3. REFER TO INTERIOR FLOOR PATTERN AND FINISH PLANS FOR FLOOR PATTERNS. CONTRACTOR TO NOTIFY INTERIOR DESIGNER BEFORE INSTALLATION OF FLOORING TO REVIEW DESIGN INTENT OF FLOOR PATTERN PLAN.
4. ALL INTERIOR DOOR AND WINDOW FRAMES TO BE PAINTED PNT-2, UNLESS OTHERWISE NOTED.
5. ALL RESILIENT TRANSITION STRIPS, SHALL BE ANODIZED ALUMINUM SATIN NICKEL COLOR, UNLESS OTHERWISE NOTED ON DETAIL. ALL FLOOR TRANSITION STRIPS OT BE CENTERED UNDER DOOR.
6. REFER TO RCP FOR ACCENT PAINT COLOR LOCATIONS.
7. WHERE HARD FLOOR TILE IS USED, CENTER PATTERN IN ROOM. ALIGN VERTICAL GROUT LINES OF WALL TILE THOSE IN FLOOR TILE.
8. GROUT COLORS TO BE DETERMINED DURING CONSTRUCTION.
9. INSTALL 3MM EDGE BAND ON ALL PLASTIC LAMINATE COUNTERTOPS TO MATCH COUNTERTOP LAMINATE COLOR. GC TO ALLOW ADEQUATE TIME FOR SPECIAL PRODUCTION RUN.
10. ALL ACCESS PANELS AND GRILLES TO BE PAINTED WALL OR CEILING COLOR, UNLESS OTHERWISE NOTED.
11. ALL WINDOWS TO HAVE WHITE PAINTED WOOD SILL, UNLESS OTHERWISE NOTED.
12. FLOOR FINISHES TO EXTEND UNDER ALL MILLWORK.
13. EXTEND ALL WALL FINISHES TO FINISHED CEILING.
14. PROVIDE ROLLER SHADES (RS-1) AT ALL CLUBHOUSE EXTERIOR WINDOW LOCATIONS.

**FINISH LEGEND**



**CLUBHOUSE  
FINISH PLAN**

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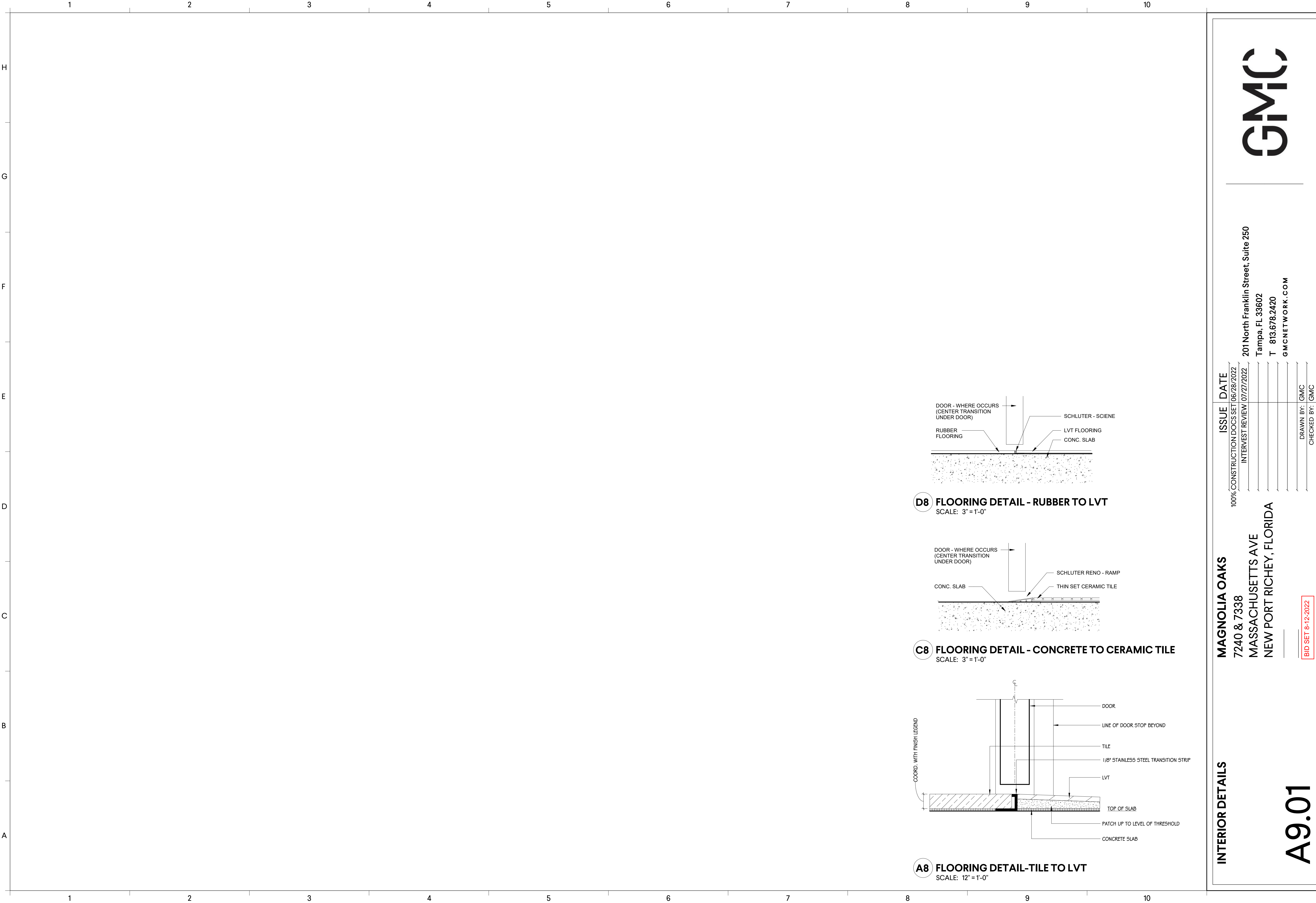
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REINFORCED CONCRETE MASONRY  
A. Refer to the Specifications for additional requirements for the reinforced masonry work.  
B. Provide concrete masonry units that conform to ASTM C90 with a minimum compressive strength of 1,900 psi based on the net area of the unit.  
C. Refer to the architectural documents for all fire-rating requirements. The Contractor and block producer shall supply block that meets or exceeds the fire-rating requirements set forth therein. Note that units with thicker face shells and webs may be required in order to meet the specified fire-rating.  
D. Provide a masonry mortar that conforms to ASTM C270 with a minimum compressive strength of 2,500 psi. The masonry mortar shall be a mixture of sand, water, and masonry cement or mortar cement. Masonry cements shall conform to ASTM C91 and shall have a minimum flexure bond strength of 100 psi at 28 days, a minimum compressive strength of 2,900 psi at 28 days, and a maximum air content of 19%. Mortar cements shall conform to ASTM C1329 and shall have a minimum flexure bond strength of 115 psi at 28 days, a minimum compressive strength of 2,900 psi at 28 days, and a maximum air content of 15%. The color of the masonry mortar shall be as specified by the Architect.  
E. Provide coarse aggregate grout that conforms to the requirements of ASTM C476 with a minimum compressive strength of 3,000 psi at 28 days. The slump shall be between 8 and 11 inches. Do not use admixtures unless reviewed by the Structural Engineer. Properly consolidate all grout at the time of placement.  
F. Provide water repellent admixtures in the concrete block and mortar mixes for all masonry that is installed in an exposed condition. All masonry in severe exposures shall be further protected using one of the externally applied methods as described in the Specifications.  
G. Provide deformed reinforcing bars that conform to ASTM A615 (Grade 60). Grade 40 or Grade 50 bars are prohibited. The sizes and types of the reinforcement are specified in the plans and details.  
H. Provide No. 9 wire joint reinforcement that conforms to ASTM A951 with a minimum yield strength of 70,000 psi. Maximum spacing of truss-type joint reinforcement shall be 16 in. All joint reinforcement shall be hot-dipped galvanized and comply with ASTM A153.  
I. Provide U-shaped precast concrete lintels with a minimum compressive strength of 3,000 psi or 6,000 psi for prestressed lintels. Provide lintels over all openings in excess of 1'-0" in width. Lintels shall have a minimum bearing of 4 in. at each end.  
J. Lintels are required over all horizontal penetrations through masonry walls that are 5" diameter or larger. The penetration locations are NOT shown in the structural drawings. Refer to the drawings for mechanical, plumbing, electrical, fire protection and other disciplines for the locations and sizes of all penetrations. It is the General Contractor's responsibility to coordinate the horizontal penetrations and lintel locations prior to the construction of the masonry walls. Refer to the Specifications for additional requirements.  
K. Refer to the Specifications for development and lap splice lengths.  
L. Provide cleanouts in the bottom course of masonry for each grout pour when the grout pour height exceeds 5 feet (4 feet in High-Velocity Hurricane Zones or lower when required by local codes).  
M. Lay all masonry in a running bond pattern unless specifically stated otherwise in the plans or details.  
N. Provide a horizontal bond beam or cast-in-place tie beam at every floor and roof level and as shown in the plans and details. Unless shown otherwise in the plans and details, reinforce all bond beams with two (2) continuous No. 5 bars in each course.  
O. At sills under openings, provide single-course knock-out block grouted solid and reinforced with (2) #4.  
P. Provide dovetail-type ties where masonry walls abut concrete columns or walls.  
Q. The masonry structure is designed for the final, in-place condition only. Temporary bracing and shoring required during the course of construction is the sole responsibility of the Contractor.  
R. Control Joints  
1. Control joints shall be provided in all concrete masonry construction. Control joints affect the visual appearance of the building elevations as well as the installation of surface materials such as stucco, and therefore the Architect must review all control joint locations.  
2. At a minimum, place the control joints as follows:  
3. At all locations where the Architect has specified stucco control joints.  
4. At a distance not to exceed 20'-0" from joint to joint.  
5. At a width to height ratio not to exceed 2:1.  
6. At all changes in wall height and at all changes in wall thickness.  
7. Horizontal wall reinforcing shall be stopped each side of control joints.  
8. Refer to the architectural drawings for all control joint locations. In the event that no joints are shown, the Contractor shall submit a proposed control joint layout to the Architect for his review.  
9. Refer to the architectural drawings for sealant requirements at control joints.

PREFABRICATED WOOD TRUSSES  
A. Refer to the Specifications for additional requirements for the wood truss work.  
B. All trusses, truss to truss connections, truss ply to ply connections, and truss field assembly shall be designed by the Truss Engineer. The Truss Engineer is a professional engineer, licensed in the state that this Project is permitted, who is hired by the truss fabricator.  
C. The trusses shall be designed in accordance with the building code(s) applicable to the jurisdiction in which the Project is located.  
D. Lumber used shall be identified by grade mark of a lumber inspection bureau or agency and shall be the size, species, and grade as shown on the Truss Design Drawings, or equivalent as approved by the Truss Engineer. Moisture content of lumber shall be no less than 7% or greater than 19% at time of manufacturing.  
E. Metal connector plates shall be manufactured by a WTCA member plate manufacturer and shall not be less than 0.036 inches in thickness (20 ga.) and shall meet or exceed ASTM A653 Grade 33. All plates shall be hot dipped galvanized with a coating that meets or exceeds ASTM A924/, coating designation G60.  
F. Trusses shall be manufactured to meet the quality requirements of ANSI/TPI 1.  
G. The Contractor is solely responsible for the handling, installation, safety and temporary bracing of the trusses. The Contractor shall perform his work in accordance with the recommendations set forth in Safety Information Guide BCSI 1-03 by WTC/TPI.  
H. ERECTION BRACING IS ALWAYS REQUIRED. The professional advice of the Truss Engineer should always be sought to prevent toppling or dominoing of trusses during installation.  
I. Design the trusses to support the loads as specified in the "DESIGN LOADS" section in these General Notes.  
1. Do not take any live load reductions for any individual truss.  
2. Roof live loads shall include the effects of snow and drifting, if applicable.  
3. Refer to the Architectural Drawings for the type of roofing system, and include the weight for concrete or clay tiles where specified.  
4. Wind loads for determining overall truss reactions shall be based on the MWFRS pressures. Wind loads used for designing individual truss components including, but not limited to, chords, webs and truss plates, shall be based on the MWFRS or C&C pressures, whichever is worse. Net uplift forces shall not include any offsetting effects of concrete or clay roof tiles.  
5. Individual top and bottom chords shall be designed to support a non-concurrent concentrated load of 300 pounds applied anywhere along the chord.

LUMBER AND TIMBER  
A. Refer to the Specifications for additional requirements for the dimensional lumber and timber work.  
B. Provide lumber and materials meeting or exceeding the following standards:  
1. Loadbearing members (studs, joists, headers and beams) 2"-4" thick (nominal) and 4" to 12" wide (nominal) shall be Southern Yellow Pine (SYP), No. 2 or better.  
2. Loadbearing timbers 5"x5" or larger (nominal) shall be Southern Yellow Pine (SYP), No. 2 or better.  
3. Non-loadbearing Studs (non-loadbearing partitions) shall be Southern Yellow Pine (SYP), No. 3 or better; or Spruce-Pine-Fir No. 2 or better.  
4. PSL beams shall be Grade 2900Fb - 2.2E  
5. PSL columns shall be Grade 2500FC|| - 1.8E  
6. LVL beams and columns shall be Grade 2900Fb - 2.0E  
7. LSL beams and studs shall be Grade 2360Fb - 1.55E  
8. All rim boards shall be LSL Grade 1730Fb - 1.35E  
C. Rough hardware - Steel items shall comply with ASTM A7 or ASTM A36; use galvanized steel at all exterior locations. Install joist and beam hangers capable of supporting the maximum allowable load of joist or beam being supported.  
D. Provide built-up wood columns (a/k/a "stud packs") under all concentrated loads where beams or girder trusses are supported by the wall framing. The number of plies shall provide a width that is at least as wide as the bearing width of the beam or girder truss that they support.  
E. Provide pressure treated lumber over 6 mil stabilizing polyethylene beneath all wood bearing on concrete or masonry.  
F. Provide fasteners as follows, or as shown in the Plans, Details, Sheet Notes and Specifications, whichever is more stringent:  
1. Ledgers  
a. Ledgers (P.T.) to concrete or block walls: 1/4" diameter tapcons at 12" o.c. (staggered)  
b. 2x4 ledgers to supporting wood members: (4) 8d face nails at each carried member, and 8d intermediate face nails at 12" o.c.  
c. 2x6 and larger ledgers to supporting wood members: (4) 10d face nails at each carried member, and (2) 10d intermediate face nails at 12" o.c.  
2. Studs  
a. Stud to sole plate: (4) 8d toenails, and (2) 16d end nails  
b. Top plate to stud: (2) 16d end nails or (4) 8d toenails  
c. Double studs: 10d at 12" o.c. face nails, staggered  
d. Stud-to-stud crossing: (4) 10d face nails at intersection  
e. Built-up corner studs: 10d at 12" o.c.  
3. Plates  
a. Top plates, laps and intersections: (2) 16d face nails  
b. Sole plate to joist or blocking: 16d at 16" o.c. typical face nail  
c. Sole plate to joist or blocking at braced wall panel: (3) 16d at 16" o.c.  
d. Double top plates: 10d at 6" o.c. face nails, (8) 16d at lap splice; 3 rows at 2x8, 2 rows at 2x6, 1 row at 2x4  
4. Joists and Rafters  
a. Joist/rafter to sill, plate or girder (top bearing): (3) 8d toenails  
b. Joist/rafter to ledger (face bearing): (3) 16d face nails  
c. Ceiling joists, laps over partitions: (3) 16d min. face nails  
d. Ceiling joists to parallel rafters: (3) 16d min. face nails  
e. Jack rafter to hip: (3) 10d toenails or (2) 16d face nails  
f. Roof rafter to 2x ridge beam: (2) 16d toenails or (2) 16d face nails  
5. Rim Joists and Band Joists  
a. Rim joist to truss: 8d nails at 6" o.c. (3 min.)  
b. Rim joist to joist/rafter: 8d nails at 6" o.c. (2 min.)  
c. Rim joist to top plate: 8d at 6" o.c. toenails  
d. Rim joist to I-joist: (1) 10d at each flange  
e. Floor sheathing to rim joist: 8d at 6" o.c.  
f. Band joist to floor joist or rafter: (3) 16d nails or (4) 10d nails  
6. Bridging, Bracing and Blocking  
a. Brace to ledger: (3) 8d toenails  
b. Brace to supporting member: (4) 8d face nails  
c. Bridging to joist: (2) 8d toenails each end  
d. Blocking between joists or rafters to top plate: (3) 10d  
e. 1" diagonal brace to each stud and plate: (2) 8d face nails  
7. Door and Window Headers  
a. Header to king stud: (3) 10d end nails  
b. Header to trimmer: (2) 8d toenails  
c. Header to cripple stud: (2) 10d end nails or (4) 8d toenails  
d. Header plies: 10d face nails at 6" o.c.  
8. Subflooring, Planks and Sheathing  
a. Wood structural panels: refer to wood floor and wood roof notes  
b. 1"x6" subfloor or less to each joist: (2) 8d face nails  
c. Wider than 1"x6" subfloor to each joist: (3) 8d face nails  
d. 2" subfloor to joist or girder: (2) 16d blind and face nails  
e. 1" x 8" sheathing to each bearing wall: (2) 8d face nails  
f. Wider than 1" x 8" sheathing to each bearing: (3) 8d face nails  
g. 2" plank: 16d at each bearing  
9. Miscellaneous  
a. Built-up girder and beams: 10d at 12" o.c. (staggered), (6) 10d face nails at ends, (6) 10d face nails at ea. splice  
b. Collar tie to rafter: (3) 10d face nails

WOOD STRUCTURAL PANELS  
A. Refer to the Specifications for additional requirements for the wood panel work.  
B. The thickness, grade, bond classification, and nailing pattern of the wood panels are specified in the plan notes, schedules and/or details.  
C. Orient all sheathing with the long edge perpendicular to the supporting member, and alternate the joints with a half-sheet stagger. Continuous panel joints are prohibited. Provide a 3-span condition for each panel installed.  
D. Oriented strand board (OSB) shall not be used without the prior written consent of the Engineer, Architect, and Owner.  
E. Roof Sheathing  
1. The minimum panel thickness shall be 19/32". For roofs that support concrete or clay tiles (10 psf or greater), the minimum panel thickness shall be 23/32". Note that a thicker panel may be specified in the Plans and Details.  
2. All panels shall use steel "H-Clips" edge supports (one midway between each support) regardless of thickness.  
F. Floor Sheathing  
1. The minimum panel thickness shall be as follows:  
a. 15/32" where floor framing is 16" o.c.  
b. 19/32" where floor framing is 20" o.c.  
c. 23/32" where floor framing is 24" o.c.  
d. Note that a thicker panel may be specified in the plans, details or schedules.  
2. Wood panels used as floor sheathing shall be Sturd-I-Floor grade or APA sheathing grade, depending upon the type of floor covering used.  
3. Floor Covering Systems - Refer to the Architectural Drawings and Specifications for the types of floor coverings.  
a. Floors covered with single-layer flooring (ex.: carpet and pad) shall use Sturd-I-Floor grade panels.  
b. Floors covered with multiple-layer flooring where the sheathing acts as "sub-flooring" shall use either sheathing grade or Sturd-I-Floor grade panels.  
c. It is acceptable to use Sturd-I-Floor grade panels throughout an entire floor in the event that multiple flooring types are specified.  
G. Edge Supports  
1. Sturd-I-Floor panels shall have tongue and groove edges.  
2. All other panels shall use steel "H-Clips" (two between each support).  
H. Span Ratings  
1. Sturd-I-Floor Grades: 20" o.c. span rating for 19/32" and 5/8" panels, and 24" o.c. span rating for 23/32" and 3/4" panels.  
2. APA Sheathing and Structural I Grades: 32/16 span rating for 15/32" and 1/2" panels, 40/20 span rating for 19/32" and 5/8" panels, and 48/24 span rating for 23/32" and 3/4" panels.

FENESTRATION ATTACHMENTS  
A. The attachment of doors, windows, louvers and all other similar openings shall be engineered and tested by the fenestration component manufacturer. The engineering, testing and approval of each component shall be in a manner as required by the building authorities having jurisdiction over this project.  
B. The manufacturer shall provide when requested a Certification Authorization Report (CAR) that documents the components are in accordance with the requirements as specified by the building authority.  
C. The manufacturer shall provide installation instructions that are consistent with the CAR and the installer shall follow the attachment requirements stated therein.  
D. In the event that the attachment condition is different than what is specified in the manufacturer's instructions, or additional engineering is required by the building authority, than the engineering shall be provided by an engineer licensed in the state that this project is permitted. This engineer shall be hired by the installation company.  
E. Under no circumstances is the building engineer-of-record responsible for the design of the fenestration components, their connections to the primary structure, or any "bucks" and their connections.

LANDSCAPE, CIVIL AND OTHER STRUCTURES  
A. The perimeter of responsibility for the building engineer-of-record ends at a distance of 5'-0" from the face of the building. Any structures beyond that perimeter are not a part of the building engineer's scope of work, unless they are specifically shown in these structural drawings.  
B. The design of all site improvements and amenities including, but not limited to, retaining walls and sea walls; gazebos and trellises; steps and ramps; fountains and pools; fences, screens, dividers and walls; kiosks, benches and planters; paving and hardscape; light pole bases and lighting; sidewalks and curbs; decks and docks; signage; vaults and drainage structures; play equipment and other site furnishings are the responsibility of the Civil Engineer and/or Landscape Architect.  
C. If in the event the permitting authority requires engineering documents for these elements then those documents shall be provided by the Civil Engineer and/or Landscape Architect, or by a structural engineer hired by the Civil Engineer and/or Landscape Architect.

HIDDEN, EXISTING AND UNFORESEEN CONDITIONS  
A. The Contractor shall field verify all dimensions and existing conditions prior to construction and fabrication. The Contractor shall immediately notify the engineer of any hidden or existing conditions that are in conflict with the plans and details.  
B. At new construction adjacent to existing structures, the contractor shall review the locations of the new foundations relative to any existing foundations. Do not undermine the existing foundations. The contractor shall include in his bid an allowance for possible underpinning of the existing foundations where new foundations are being installed directly adjacent.  
C. All shop drawing submittals shall be based on field verified dimensions and conditions only. The Contractor shall clearly show actual field dimensions in the shop drawings.

General Notes

MAGNOLIA OAKS

7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

ISSUE DATE

100% CONSTRUCTION DOCS SET 06/28/2022

BID SET 8-12-2022

S001

201 North Franklin Street, Suite 250

Tampa, FL 33602

T 813.678.2420

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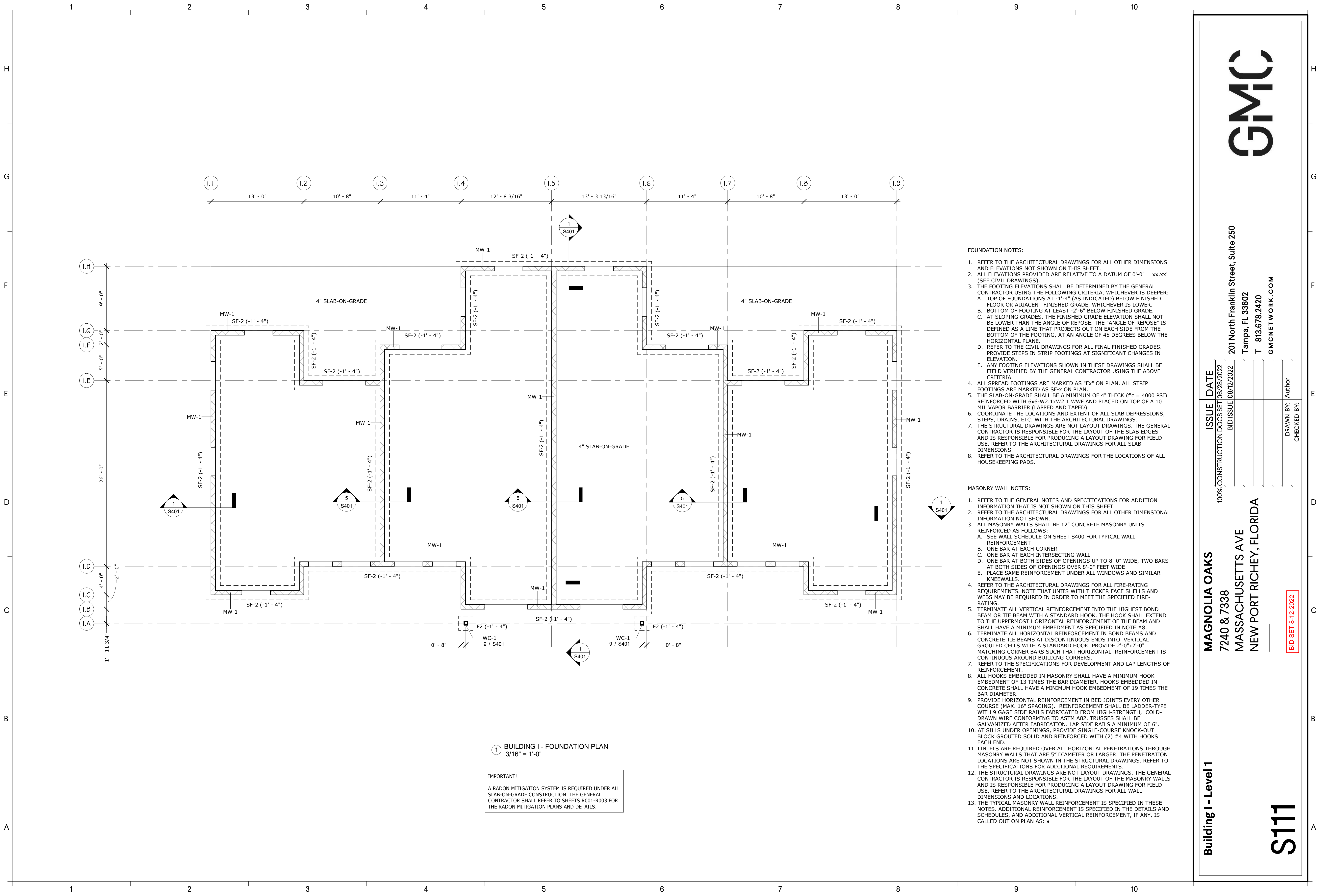
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- FOUNDATION NOTES:
- REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL OTHER DIMENSIONS AND ELEVATIONS NOT SHOWN ON THIS SHEET.
  - ALL ELEVATIONS PROVIDED ARE RELATIVE TO A DATUM OF 0'-0" = xx.xx' (SEE CIVIL DRAWINGS).
  - THE FOOTING ELEVATIONS SHALL BE DETERMINED BY THE GENERAL CONTRACTOR USING THE FOLLOWING CRITERIA, WHICHEVER IS DEEPER:
    - TOP OF FOUNDATIONS AT -1'-4" (AS INDICATED) BELOW FINISHED FLOOR OR ADJACENT FINISHED GRADE, WHICHEVER IS LOWER.
    - BOTTOM OF FOOTING AT LEAST -2'-6" BELOW FINISHED GRADE.
    - AT SLOPING GRADES, THE FINISHED GRADE ELEVATION SHALL NOT BE LOWER THAN THE ANGLE OF REPOSE. THE "ANGLE OF REPOSE" IS DEFINED AS A LINE THAT PROJECTS OUT ON EACH SIDE FROM THE BOTTOM OF THE FOOTING, AT AN ANGLE OF 45 DEGREES BELOW THE HORIZONTAL PLANE.
  - REFER TO THE CIVIL DRAWINGS FOR ALL FINAL FINISHED GRADES. PROVIDE STEPS IN STRIP FOOTINGS AT SIGNIFICANT CHANGES IN ELEVATION.
  - ANY FOOTING ELEVATIONS SHOWN IN THESE DRAWINGS SHALL BE FIELD VERIFIED BY THE GENERAL CONTRACTOR USING THE ABOVE CRITERIA.
  - ALL SPREAD FOOTINGS ARE MARKED AS "Fx" ON PLAN. ALL STRIP FOOTINGS ARE MARKED AS SF-x ON PLAN.
  - THE SLAB-ON-GRADE SHALL BE A MINIMUM OF 4" THICK ( $f_c = 4000$  PSI) REINFORCED WITH 6x6-W2.1xW2.1 WWF AND PLACED ON TOP OF A 10 MIL VAPOR BARRIER (LAPPED AND TAPED).
  - COORDINATE THE LOCATIONS AND EXTENT OF ALL SLAB DEPRESSIONS, STEPS, DRAINS, ETC. WITH THE ARCHITECTURAL DRAWINGS.
  - THE STRUCTURAL DRAWINGS ARE NOT LAYOUT DRAWINGS. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE LAYOUT OF THE SLAB EDGES AND IS RESPONSIBLE FOR PRODUCING A LAYOUT DRAWING FOR FIELD USE. REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL SLAB DIMENSIONS.
  - REFER TO THE ARCHITECTURAL DRAWINGS FOR THE LOCATIONS OF ALL HOUSEKEEPING PADS.

- MASONRY WALL NOTES:
- REFER TO THE GENERAL NOTES AND SPECIFICATIONS FOR ADDITION INFORMATION THAT IS NOT SHOWN ON THIS SHEET.
  - REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL OTHER DIMENSIONAL INFORMATION NOT SHOWN.
  - ALL MASONRY WALLS SHALL BE 12" CONCRETE MASONRY UNITS REINFORCED AS FOLLOWS:
    - SEE WALL SCHEDULE ON SHEET S400 FOR TYPICAL WALL REINFORCEMENT.
    - ONE BAR AT EACH CORNER.
    - ONE BAR AT EACH INTERSECTING WALL.
    - ONE BAR AT BOTH SIDES OF OPENINGS UP TO 8'-0" WIDE, TWO BARS AT BOTH SIDES OF OPENINGS OVER 8'-0" FEET WIDE.
    - PLACE SAME REINFORCEMENT UNDER ALL WINDOWS AND SIMILAR KNEEWALLS.
  - REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL FIRE-RATING REQUIREMENTS. NOTE THAT UNITS WITH THICKER FACE SHELLS AND WEBS MAY BE REQUIRED IN ORDER TO MEET THE SPECIFIED FIRE-RATING.
  - TERMINATE ALL VERTICAL REINFORCEMENT INTO THE HIGHEST BOND BEAM OR TIE BEAM WITH A STANDARD HOOK. THE HOOK SHALL EXTEND TO THE UPPERMOST HORIZONTAL REINFORCEMENT OF THE BEAM AND SHALL HAVE A MINIMUM EMBEDMENT AS SPECIFIED IN NOTE #8.
  - TERMINATE ALL HORIZONTAL REINFORCEMENT IN BOND BEAMS AND CONCRETE TIE BEAMS AT DISCONTINUOUS ENDS INTO VERTICAL GROUTED CELLS WITH A STANDARD HOOK. PROVIDE 2'-0"x2'-0" MATCHING CORNER BARS SUCH THAT HORIZONTAL REINFORCEMENT IS CONTINUOUS AROUND BUILDING CORNERS.
  - REFER TO THE SPECIFICATIONS FOR DEVELOPMENT AND LAP LENGTHS OF REINFORCEMENT.
  - ALL HOOKS EMBEDDED IN MASONRY SHALL HAVE A MINIMUM HOOK EMBEDMENT OF 13 TIMES THE BAR DIAMETER. HOOKS EMBEDDED IN CONCRETE SHALL HAVE A MINIMUM HOOK EMBEDMENT OF 19 TIMES THE BAR DIAMETER.
  - PROVIDE HORIZONTAL REINFORCEMENT IN BED JOINTS EVERY OTHER COURSE (MAX. 16" SPACING). REINFORCEMENT SHALL BE LADDER-TYPE WITH 9 GAGE SIDE RAILS FABRICATED FROM HIGH-STRENGTH COLD-DRAWN WIRE CONFORMING TO ASTM A82. TRUSSES SHALL BE GALVANIZED AFTER FABRICATION. LAP SIDE RAILS A MINIMUM OF 6".
  - AT SILLS UNDER OPENINGS, PROVIDE SINGLE-COURSE KNOCK-OUT BLOCK GROUTED SOLID AND REINFORCED WITH (2) #4 WITH HOOKS EACH END.
  - LINTELS ARE REQUIRED OVER ALL HORIZONTAL PENETRATIONS THROUGH MASONRY WALLS THAT ARE 5" DIAMETER OR LARGER. THE PENETRATION LOCATIONS ARE NOT SHOWN IN THE STRUCTURAL DRAWINGS. REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
  - THE STRUCTURAL DRAWINGS ARE NOT LAYOUT DRAWINGS. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE LAYOUT OF THE MASONRY WALLS AND IS RESPONSIBLE FOR PRODUCING A LAYOUT DRAWING FOR FIELD USE. REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL WALL DIMENSIONS AND LOCATIONS.
  - THE TYPICAL MASONRY WALL REINFORCEMENT IS SPECIFIED IN THESE NOTES. ADDITIONAL REINFORCEMENT IS SPECIFIED IN THE DETAILS AND SCHEDULES, AND ADDITIONAL VERTICAL REINFORCEMENT, IF ANY, IS CALLED OUT ON PLAN AS: •

1 BUILDING I - FOUNDATION PLAN  
3/16" = 1'-0"

IMPORTANT!  
A RADON MITIGATION SYSTEM IS REQUIRED UNDER ALL SLAB-ON-GRADE CONSTRUCTION. THE GENERAL CONTRACTOR SHALL REFER TO SHEETS R001-R003 FOR THE RADON MITIGATION PLANS AND DETAILS.

Building I - Level 1

MAGNOLIA OAKS  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

100% CONSTRUCTION DOCS SET 06/28/2022

BID ISSUE 08/12/2022

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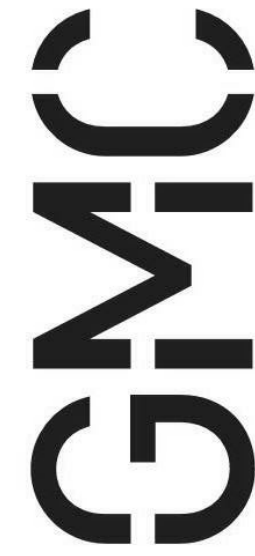
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ISSUE DATE

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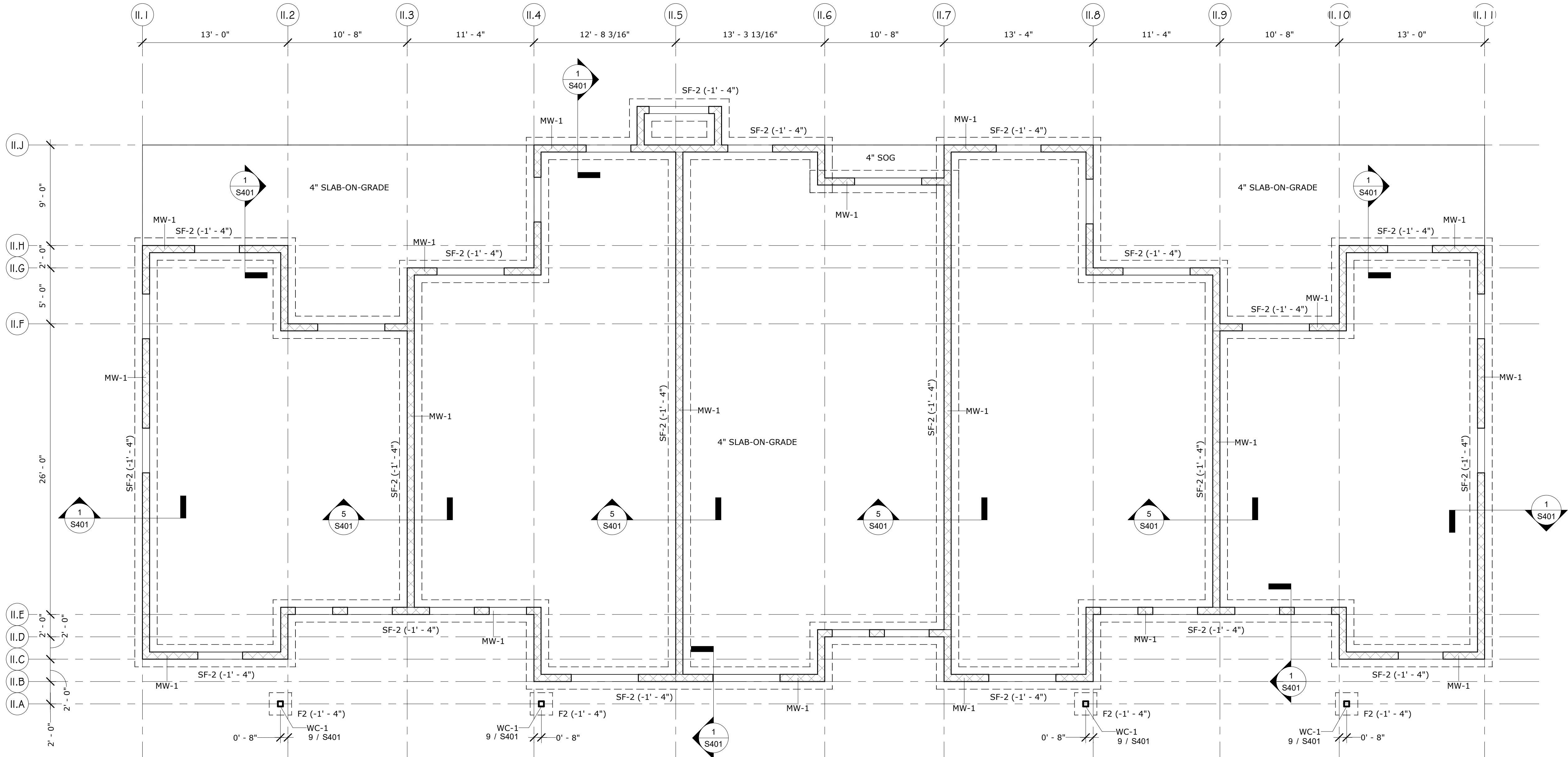
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FOUNDATION NOTES:

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  - A. TOP OF FOUNDATIONS AT -1'-4" (AS INDICATED) BELOW FINISHED FLOOR OR ADJACENT FINISHED GRADE, WHICHEVER IS LOWER.
  - B. BOTTOM OF FOOTING AT LEAST -2'-6" BELOW FINISHED GRADE.
  - C. AT SLOPING GRADES, THE FINISHED GRADE ELEVATION SHALL NOT BE LOWER THAN THE ANGLE OF REPOSE. THE "ANGLE OF REPOSE" IS DEFINED AS A LINE THAT PROJECTS OUT ON EACH SIDE FROM THE BOTTOM OF THE FOOTING, AT AN ANGLE OF 45 DEGREES BELOW THE HORIZONTAL PLANE.
  - D. REFER TO THE CIVIL DRAWINGS FOR ALL FINAL FINISHED GRADES. PROVIDE STEPS IN STRIP FOOTINGS AT SIGNIFICANT CHANGES IN ELEVATION.
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8. REFER TO THE ARCHITECTURAL DRAWINGS FOR THE LOCATIONS OF ALL HOUSEKEEPING PADS.

MASONRY WALL NOTES:

1. REFER TO THE GENERAL NOTES AND SPECIFICATIONS FOR ADDITION INFORMATION THAT IS NOT SHOWN ON THIS SHEET.
2. REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL OTHER DIMENSIONAL INFORMATION NOT SHOWN.
3. ALL MASONRY WALLS SHALL BE 12" CONCRETE MASONRY UNITS REINFORCED AS FOLLOWS:
  - A. SEE WALL SCHEDULE ON SHEET S400 FOR TYPICAL WALL REINFORCEMENT
  - B. ONE BAR AT EACH CORNER
  - C. ONE BAR AT EACH INTERSECTING WALL
  - D. ONE BAR AT BOTH SIDES OF OPENINGS UP TO 8'-0" WIDE, TWO BARS AT BOTH SIDES OF OPENINGS OVER 8'-0" FEET WIDE
  - E. PLACE SAME REINFORCEMENT UNDER ALL WINDOWS AND SIMILAR KNEEWALLS.
4. REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL FIRE-RATING REQUIREMENTS. NOTE THAT UNITS WITH THICKER FACE SHELLS AND WEBS MAY BE REQUIRED IN ORDER TO MEET THE SPECIFIED FIRE-RATING.
5. TERMINATE ALL VERTICAL REINFORCEMENT INTO THE HIGHEST BOND BEAM OR TIE BEAM WITH A STANDARD HOOK. THE HOOK SHALL EXTEND TO THE UPPERMOST HORIZONTAL REINFORCEMENT OF THE BEAM AND SHALL HAVE A MINIMUM EMBEDMENT AS SPECIFIED IN NOTE #8.
6. TERMINATE ALL HORIZONTAL REINFORCEMENT IN BOND BEAMS AND CONCRETE TIE BEAMS AT DISCONTINUOUS ENDS INTO VERTICAL GROUTED CELLS WITH A STANDARD HOOK. PROVIDE 2'-0"x2'-0" MATCHING CORNER BARS SUCH THAT HORIZONTAL REINFORCEMENT IS CONTINUOUS AROUND BUILDING CORNERS.
7. REFER TO THE SPECIFICATIONS FOR DEVELOPMENT AND LAP LENGTHS OF REINFORCEMENT.
8. ALL HOOKS EMBEDDED IN MASONRY SHALL HAVE A MINIMUM HOOK EMBEDMENT OF 13 TIMES THE BAR DIAMETER. HOOKS EMBEDDED IN CONCRETE SHALL HAVE A MINIMUM HOOK EMBEDMENT OF 19 TIMES THE BAR DIAMETER.
9. PROVIDE HORIZONTAL REINFORCEMENT IN BED JOINTS EVERY OTHER COURSE (MAX. 16" SPACING). REINFORCEMENT SHALL BE LADDER-TYPE WITH 9 GAGE SIDE RAILS FABRICATED FROM HIGH-STRENGTH, COLD-DRAWN WIRE CONFORMING TO ASTM A82. TRUSSES SHALL BE GALVANIZED AFTER FABRICATION. LAP SIDE RAILS A MINIMUM OF 6".
10. AT SILLS UNDER OPENINGS, PROVIDE SINGLE-COURSE KNOCK-OUT BLOCK GROUTED SOLID AND REINFORCED WITH (2) #4 WITH HOOKS EACH END.
11. LINTELS ARE REQUIRED OVER ALL HORIZONTAL PENETRATIONS THROUGH MASONRY WALLS THAT ARE 5" DIAMETER OR LARGER. THE PENETRATION LOCATIONS ARE NOT SHOWN IN THE STRUCTURAL DRAWINGS. REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
12. THE STRUCTURAL DRAWINGS ARE NOT LAYOUT DRAWINGS. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE LAYOUT OF THE MASONRY WALLS AND IS RESPONSIBLE FOR PRODUCING A LAYOUT DRAWING FOR FIELD USE. REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL WALL DIMENSIONS AND LOCATIONS.
13. THE TYPICAL MASONRY WALL REINFORCEMENT IS SPECIFIED IN THESE NOTES. ADDITIONAL REINFORCEMENT IS SPECIFIED IN THE DETAILS AND SCHEDULES, AND ADDITIONAL VERTICAL REINFORCEMENT, IF ANY, IS CALLED OUT ON PLAN AS: •



1 BUILDING II - FOUNDATION PLAN  
3/16" = 1'-0"

IMPORTANT!

A RADON MITIGATION SYSTEM IS REQUIRED UNDER ALL SLAB-ON-GRADE CONSTRUCTION. THE GENERAL CONTRACTOR SHALL REFER TO SHEETS R001-R003 FOR THE RADON MITIGATION PLANS AND DETAILS.

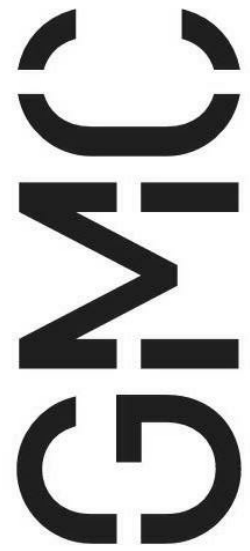
Building II - Level 1

MAGNOLIA OAKS  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

BID SET 8-12-2022

| ISSUE                      | DATE       |
|----------------------------|------------|
| 100% CONSTRUCTION DOCS SET | 06/28/2022 |
| BID ISSUE                  | 08/12/2022 |
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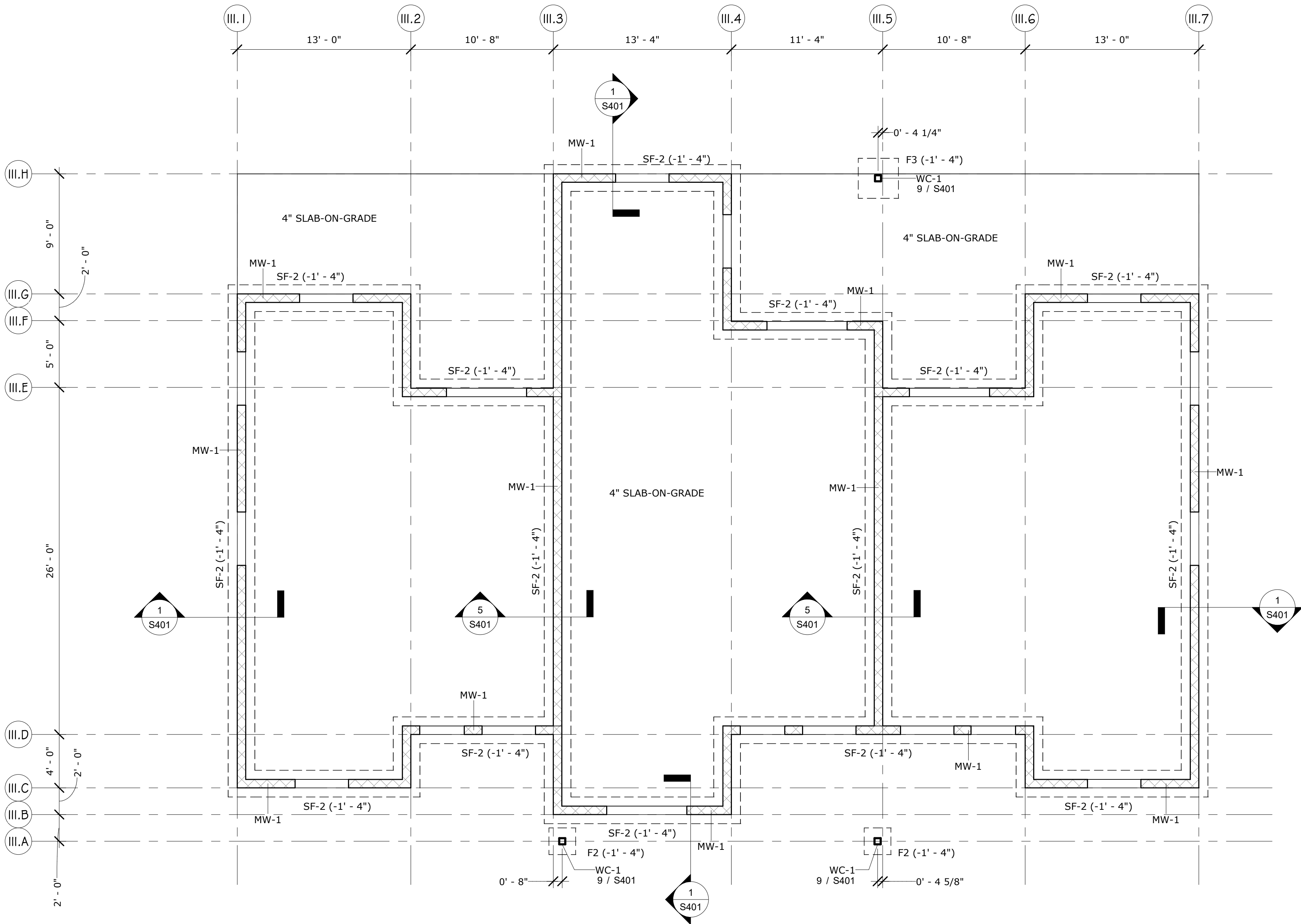
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1 BUILDING III - FOUNDATION PLAN  
3/16" = 1'-0"

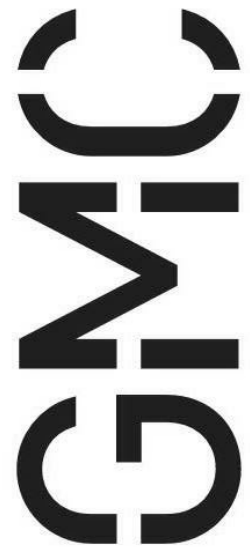
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FOUNDATION NOTES:

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- ALL ELEVATIONS PROVIDED ARE RELATIVE TO A DATUM OF 0'-0" = xx.xx' (SEE CIVIL DRAWINGS).
- THE FOOTING ELEVATIONS SHALL BE DETERMINED BY THE GENERAL CONTRACTOR USING THE FOLLOWING CRITERIA, WHICHEVER IS DEEPER:
  - TOP OF FOUNDATIONS AT -1'-4" (AS INDICATED) BELOW FINISHED FLOOR OR ADJACENT FINISHED GRADE, WHICHEVER IS LOWER.
  - BOTTOM OF FOOTING AT LEAST -2'-6" BELOW FINISHED GRADE.
  - AT SLOPING GRADES, THE FINISHED GRADE ELEVATION SHALL NOT BE LOWER THAN THE ANGLE OF REPOSE. THE "ANGLE OF REPOSE" IS DEFINED AS A LINE THAT PROJECTS OUT ON EACH SIDE FROM THE BOTTOM OF THE FOOTING, AT AN ANGLE OF 45 DEGREES BELOW THE HORIZONTAL PLANE.
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MAGNOLIA OAKS

7240 & 7338

MASSACHUSETTS AVE

NEW PORT RICHEY, FLORIDA

Building III - Level 1

S113

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201 North Franklin Street, Suite 250

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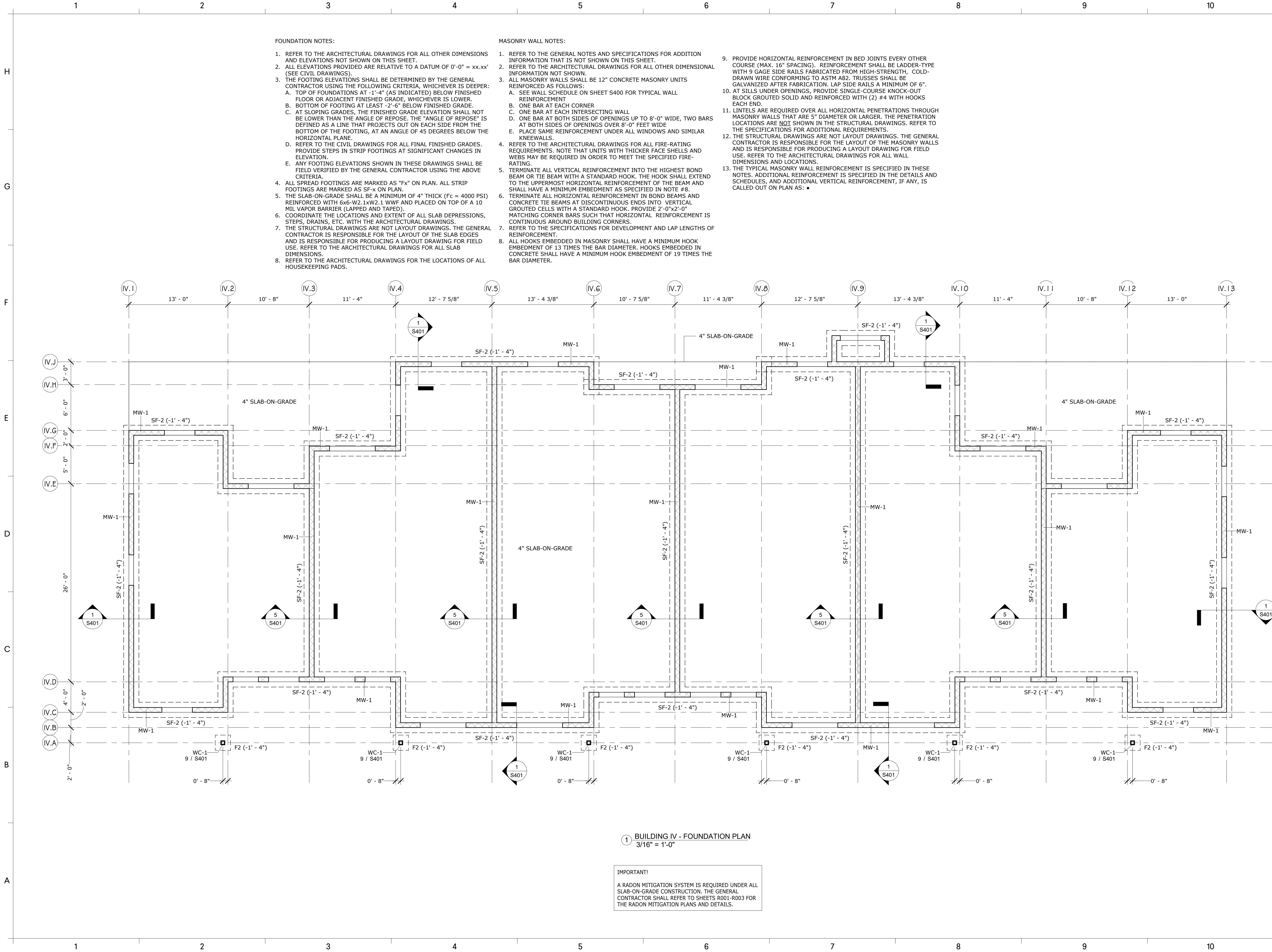
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DRAWN BY: Author

CHECKED BY:

BID SET 8-12-2022





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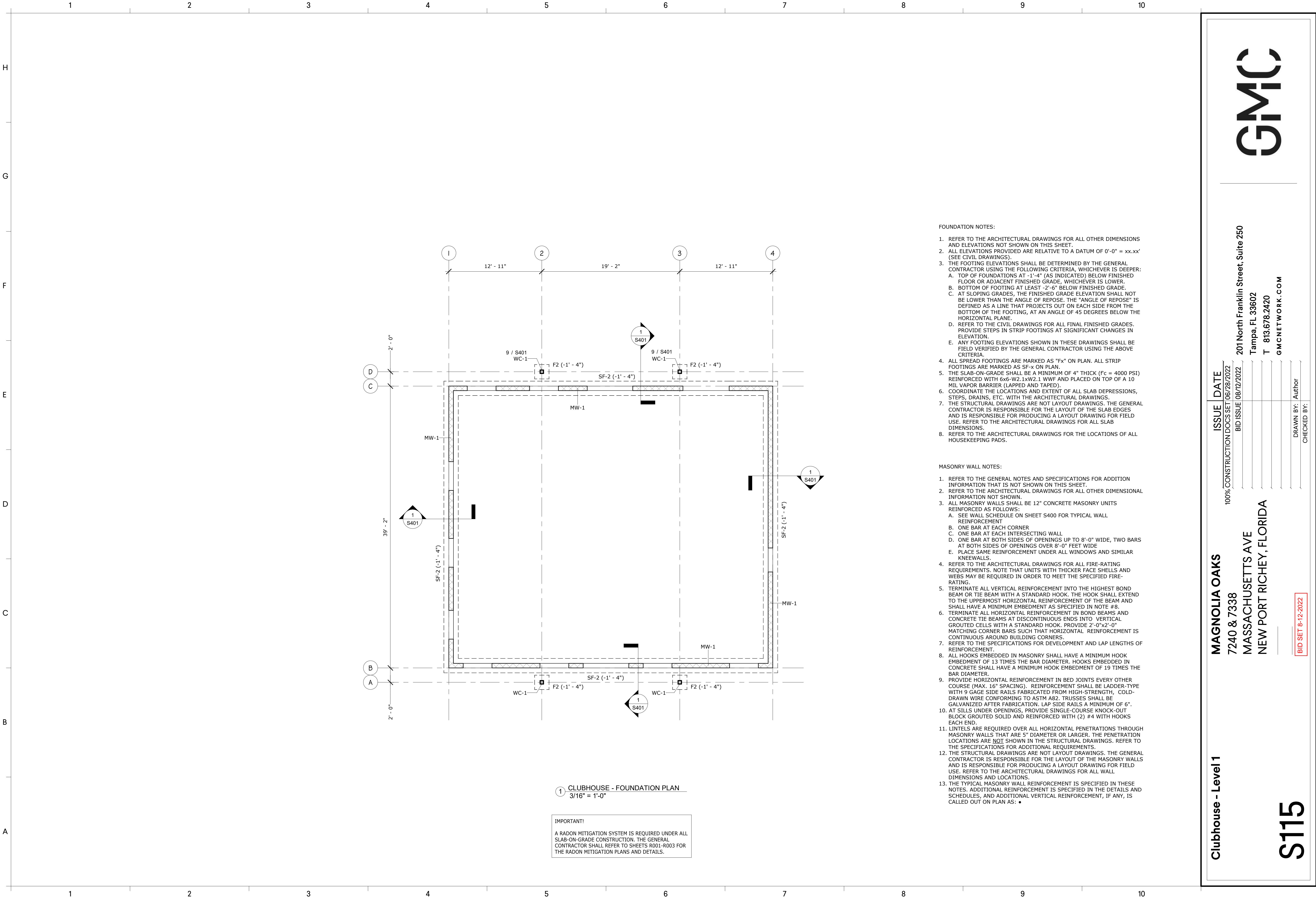
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Clubhouse - Level 1

100% CONSTRUCTION DOCS SET 06/28/2022

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MAGNOLIA OAKS

7240 & 7338

MASSACHUSETTS AVE

NEW PORT RICHEY, FLORIDA

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Tampa, FL 33602

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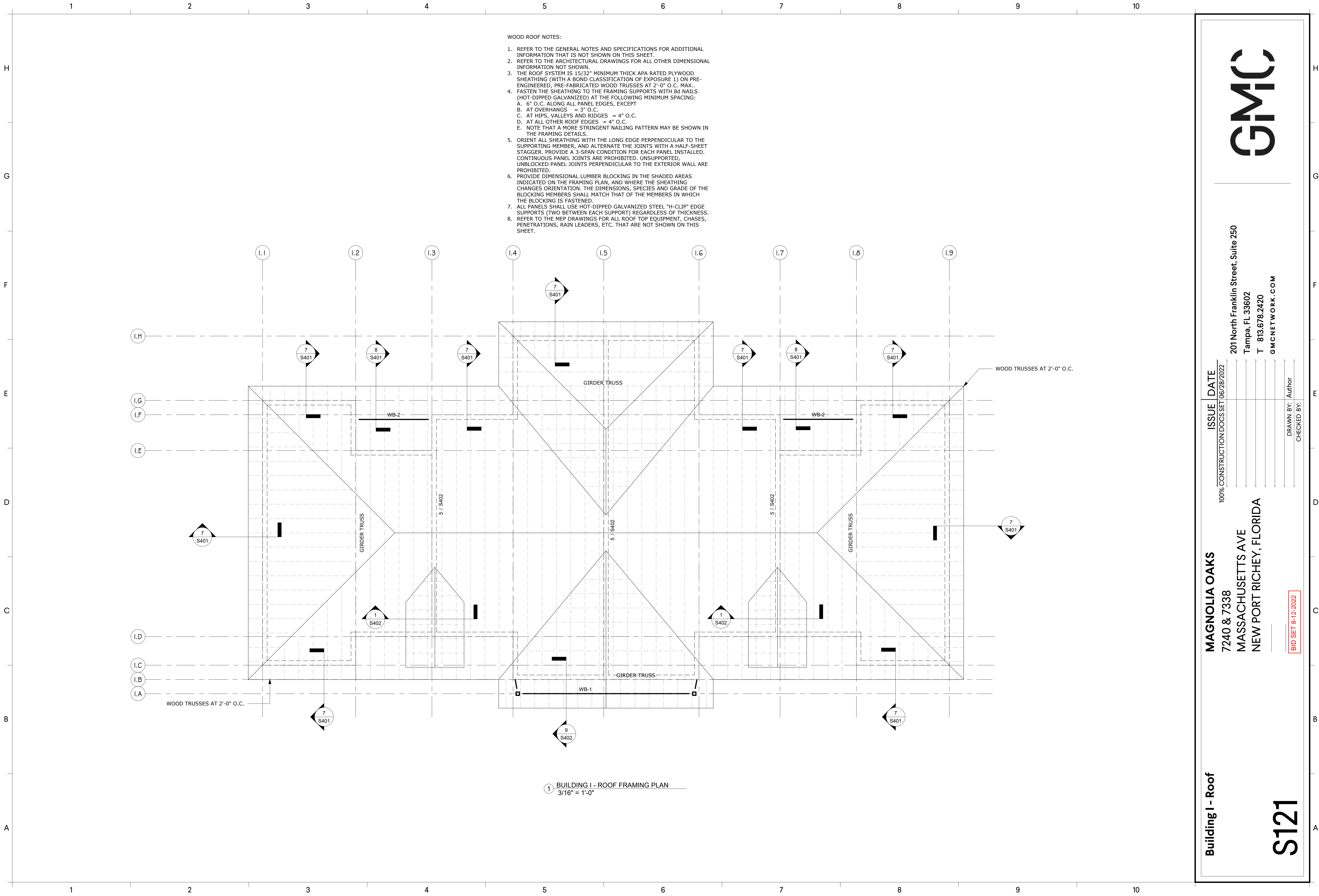
AUTHOR

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  4. FASTEN THE SHEATHING TO THE FRAMING SUPPORTS WITH 8d NAILS (HOT-DIPPED GALVANIZED) AT THE FOLLOWING MINIMUM SPACING:
    - A. 6" O.C. ALONG ALL PANEL EDGES, EXCEPT
    - B. AT OVERHANGS = 3" O.C.
    - C. AT HIPS, VALLEYS AND RIDGES = 4" O.C.
    - D. AT ALL OTHER ROOF EDGES = 4" O.C.
    - E. NOTE THAT A MORE STRINGENT NAILING PATTERN MAY BE SHOWN IN THE FRAMING DETAILS.
  5. ORIENT ALL SHEATHING WITH THE LONG EDGE PERPENDICULAR TO THE SUPPORTING MEMBER, AND ALTERNATE THE JOINTS WITH A HALF-SHEET STAGGER. PROVIDE A 3-SPAN CONDITION FOR EACH PANEL INSTALLED. CONTINUOUS PANEL JOINTS ARE PROHIBITED. UNSUPPORTED, UNBLOCKED PANEL JOINTS PERPENDICULAR TO THE EXTERIOR WALL ARE PROHIBITED.
  6. PROVIDE DIMENSIONAL LUMBER BLOCKING IN THE SHADED AREAS INDICATED ON THE FRAMING PLAN, AND WHERE THE SHEATHING CHANGES ORIENTATION. THE DIMENSIONS, SPECIES AND GRADE OF THE BLOCKING MEMBERS SHALL MATCH THAT OF THE MEMBERS IN WHICH THE BLOCKING IS FASTENED.
  7. ALL PANELS SHALL USE HOT-DIPPED GALVANIZED STEEL "H-CLIP" EDGE SUPPORTS (TWO BETWEEN EACH SUPPORT) REGARDLESS OF THICKNESS.
  8. REFER TO THE MEP DRAWINGS FOR ALL ROOF TOP EQUIPMENT, CHASES, PENETRATIONS, RAIN LEADERS, ETC. THAT ARE NOT SHOWN ON THIS SHEET.

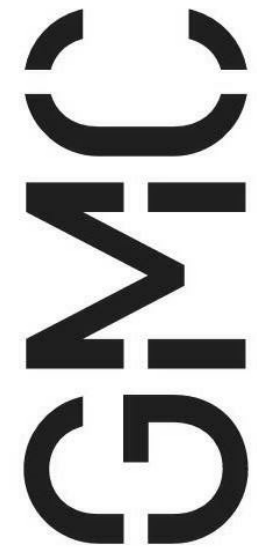
1 BUILDING I - ROOF FRAMING PLAN  
3/16" = 1'-0"

Building I - Roof

MAGNOLIA OAKS  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

| ISSUE                      | DATE       |
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| 100% CONSTRUCTION DOCS SET | 06/28/2022 |

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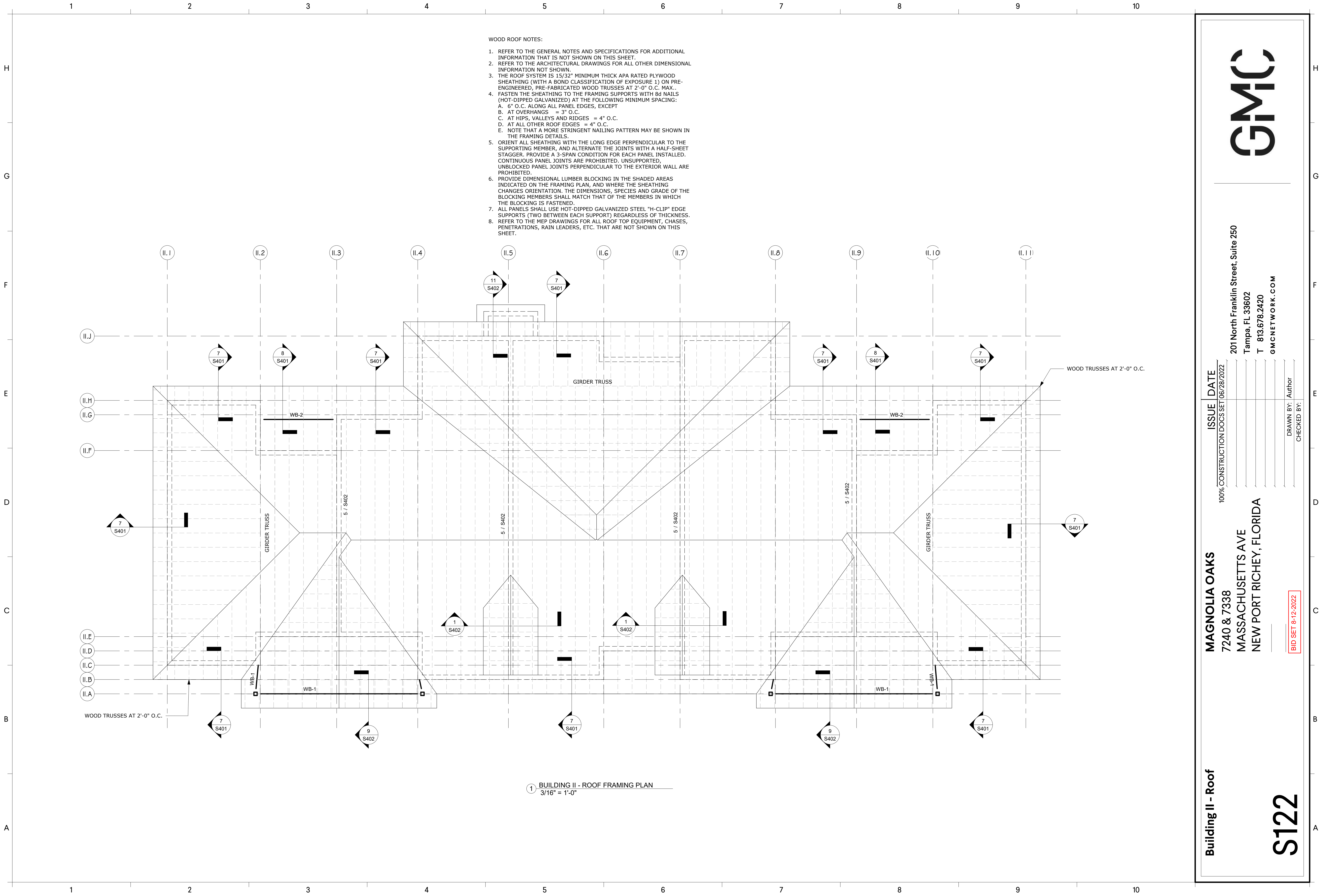
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  2. REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL OTHER DIMENSIONAL INFORMATION NOT SHOWN.
  3. THE ROOF SYSTEM IS 15/32" MINIMUM THICK APA RATED PLYWOOD SHEATHING (WITH A BOND CLASSIFICATION OF EXPOSURE 1) ON PRE-ENGINEERED, PRE-FABRICATED WOOD TRUSSES AT 2'-0" O.C. MAX..
  4. FASTEN THE SHEATHING TO THE FRAMING SUPPORTS WITH 8d NAILS (HOT-DIPPED GALVANIZED) AT THE FOLLOWING MINIMUM SPACING:
    - A. 6" O.C. ALONG ALL PANEL EDGES, EXCEPT
    - B. AT OVERHANGS = 3" O.C.
    - C. AT HIP, VALLEYS AND RIDGES = 4" O.C.
    - D. AT ALL OTHER ROOF EDGES = 4" O.C.
    - E. NOTE THAT A MORE STRINGENT NAILING PATTERN MAY BE SHOWN IN THE FRAMING DETAILS.
  5. ORIENT ALL SHEATHING WITH THE LONG EDGE PERPENDICULAR TO THE SUPPORTING MEMBER, AND ALTERNATE THE JOINTS WITH A HALF-SHEET STAGGER. PROVIDE A 3-SPAN CONDITION FOR EACH PANEL INSTALLED. CONTINUOUS PANEL JOINTS ARE PROHIBITED. UNSUPPORTED, UNBLOCKED PANEL JOINTS PERPENDICULAR TO THE EXTERIOR WALL ARE PROHIBITED.
  6. PROVIDE DIMENSIONAL LUMBER BLOCKING IN THE SHADED AREAS INDICATED ON THE FRAMING PLAN, AND WHERE THE SHEATHING CHANGES ORIENTATION. THE DIMENSIONS, SPECIES AND GRADE OF THE BLOCKING MEMBERS SHALL MATCH THAT OF THE MEMBERS IN WHICH THE BLOCKING IS FASTENED.
  7. ALL PANELS SHALL USE HOT-DIPPED GALVANIZED STEEL "H-CLIP" EDGE SUPPORTS (TWO BETWEEN EACH SUPPORT) REGARDLESS OF THICKNESS.
  8. REFER TO THE MEP DRAWINGS FOR ALL ROOF TOP EQUIPMENT, CHASES, PENETRATIONS, RAIN LEADERS, ETC. THAT ARE NOT SHOWN ON THIS SHEET.

Building II - Roof

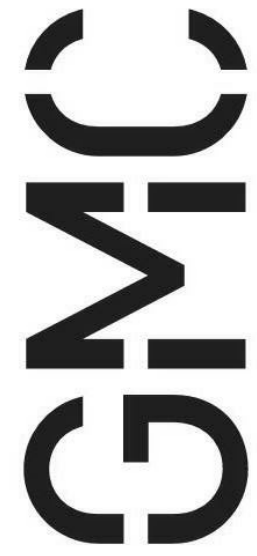
MAGNOLIA OAKS  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

ISSUE DATE  
100% CONSTRUCTION DOCS SET 06/28/2022

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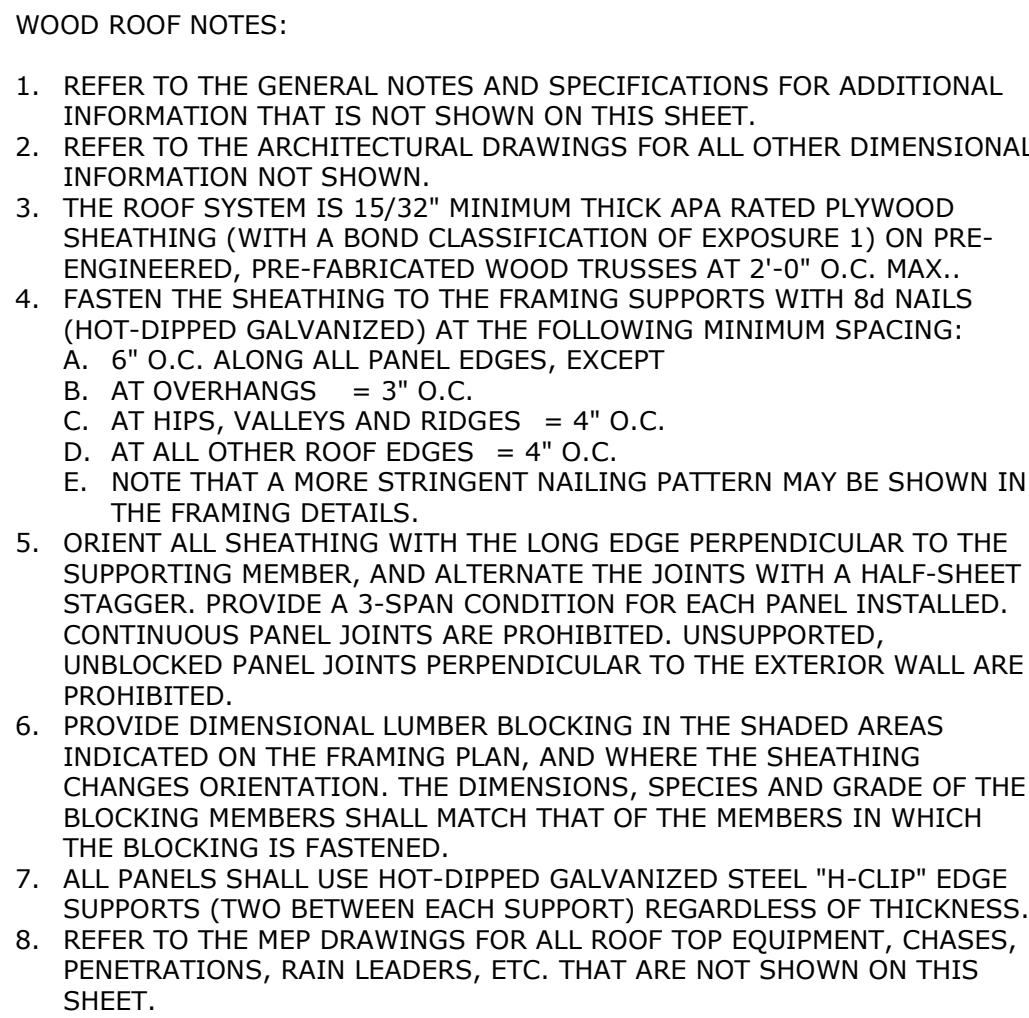
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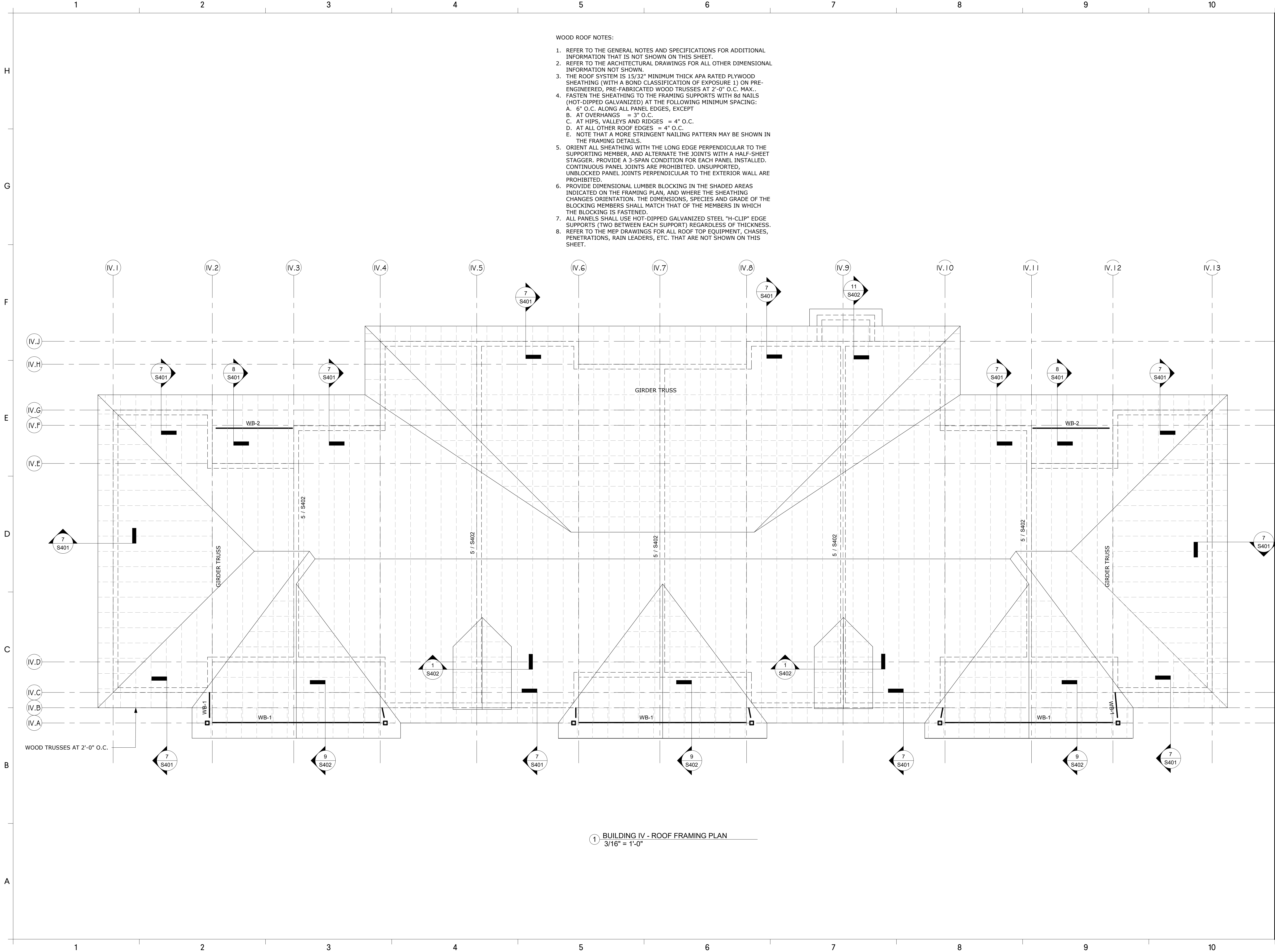
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1 BUILDING III - ROOF FRAMING PLAN  
3/16" = 1'-0"





- WOOD ROOF NOTES:
1. REFER TO THE GENERAL NOTES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION THAT IS NOT SHOWN ON THIS SHEET.
  2. REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL OTHER DIMENSIONAL INFORMATION NOT SHOWN.
  3. THE ROOF SYSTEM IS 15/32" MINIMUM THICK APA RATED PLYWOOD SHEATHING (WITH A BOND CLASSIFICATION OF EXPOSURE 1) ON PRE-ENGINEERED, PRE-FABRICATED WOOD TRUSSES AT 2'-0" O.C. MAX..
  4. FASTEN THE SHEATHING TO THE FRAMING SUPPORTS WITH 8d NAILS (HOT-DIPPED GALVANIZED) AT THE FOLLOWING MINIMUM SPACING:  
A. 6" O.C. ALONG ALL PANEL EDGES, EXCEPT  
B. AT OVERHANGS = 3" O.C.  
C. AT HIP, VALLEYS AND RIDGES = 4" O.C.  
D. AT ALL OTHER ROOF EDGES = 4" O.C.  
E. NOTE THAT A MORE STRINGENT NAILING PATTERN MAY BE SHOWN IN THE FRAMING DETAILS.
  5. ORIENT ALL SHEATHING WITH THE LONG EDGE PERPENDICULAR TO THE SUPPORTING MEMBER, AND ALTERNATE THE JOINTS WITH A HALF-SHEET STAGGER. PROVIDE A 3-SPAN CONDITION FOR EACH PANEL INSTALLED. CONTINUOUS PANEL JOINTS ARE PROHIBITED. UNSUPPORTED, UNBLOCKED PANEL JOINTS PERPENDICULAR TO THE EXTERIOR WALL ARE PROHIBITED.
  6. PROVIDE DIMENSIONAL LUMBER BLOCKING IN THE SHADED AREAS INDICATED ON THE FRAMING PLAN, AND WHERE THE SHEATHING CHANGES ORIENTATION. THE DIMENSIONS, SPECIES AND GRADE OF THE BLOCKING MEMBERS SHALL MATCH THAT OF THE MEMBERS IN WHICH THE BLOCKING IS FASTENED.
  7. ALL PANELS SHALL USE HOT-DIPPED GALVANIZED STEEL "H-CLIP" EDGE SUPPORTS (TWO BETWEEN EACH SUPPORT) REGARDLESS OF THICKNESS. REFER TO THE MEP DRAWINGS FOR ALL ROOF TOP EQUIPMENT, CHASES, PENETRATIONS, RAIN LEADERS, ETC. THAT ARE NOT SHOWN ON THIS SHEET.

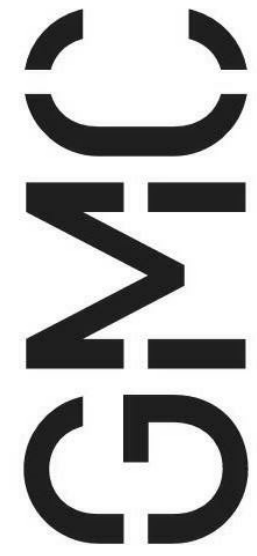
1 BUILDING IV - ROOF FRAMING PLAN  
3/16" = 1'-0"

Building IV - Roof

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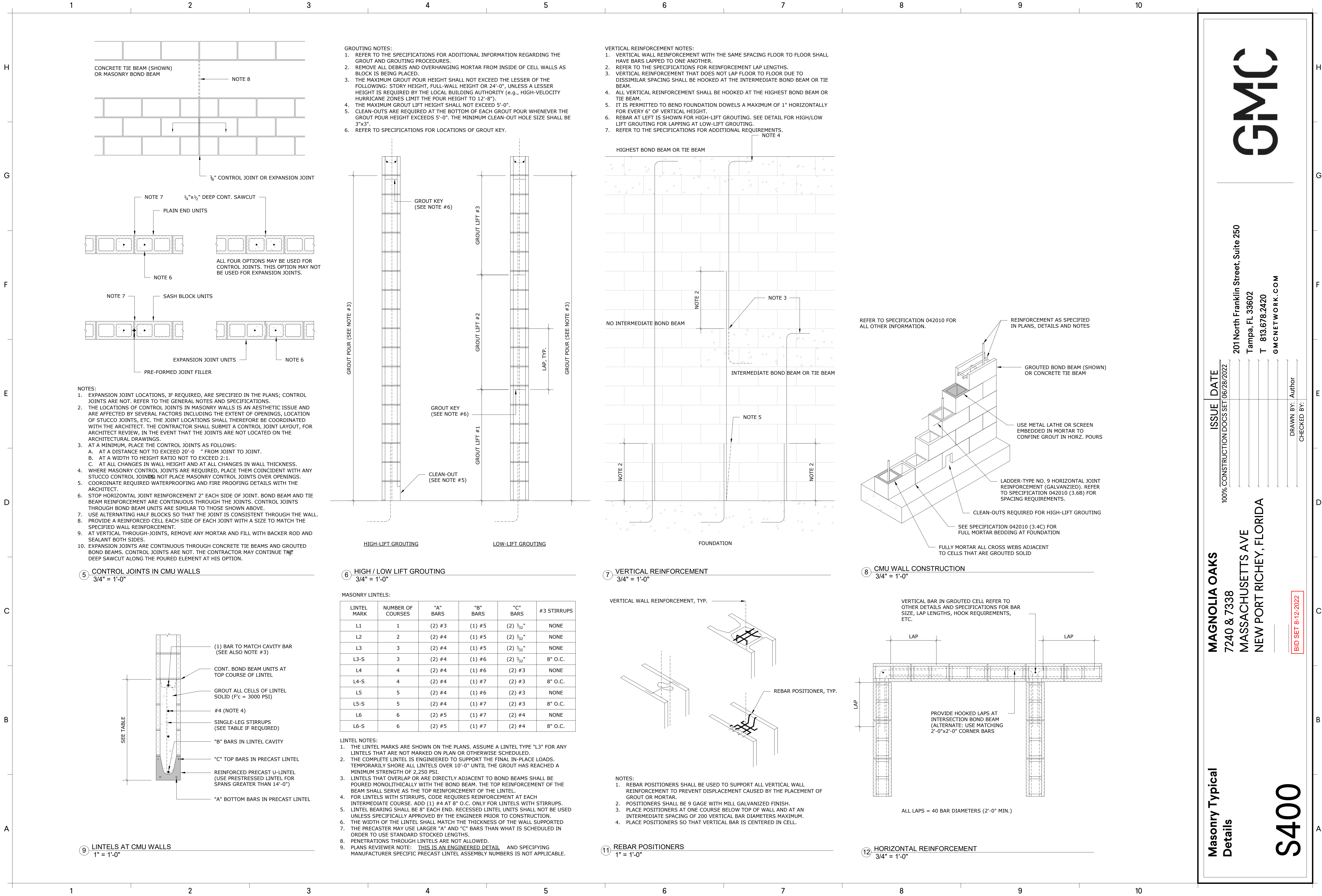
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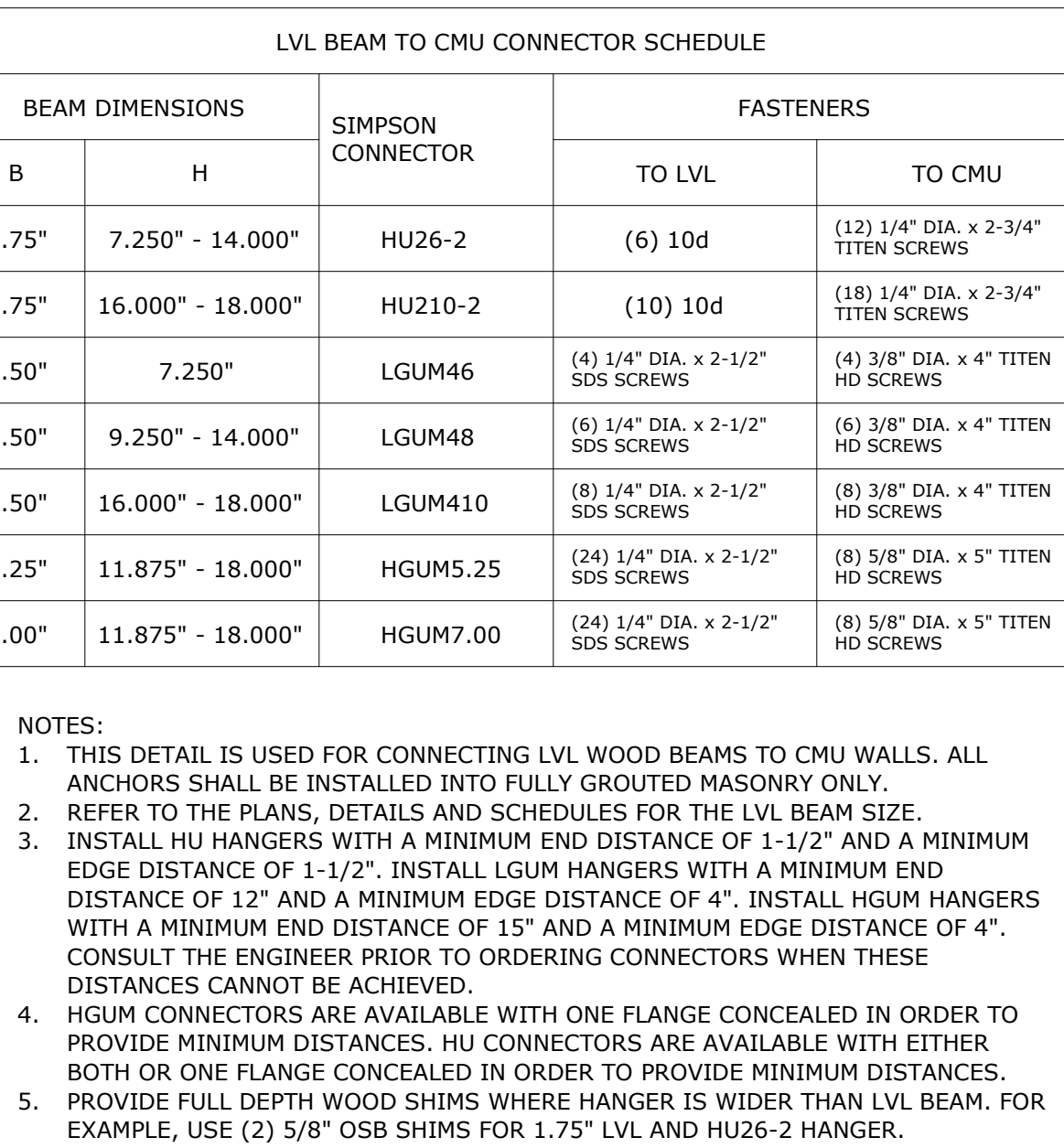
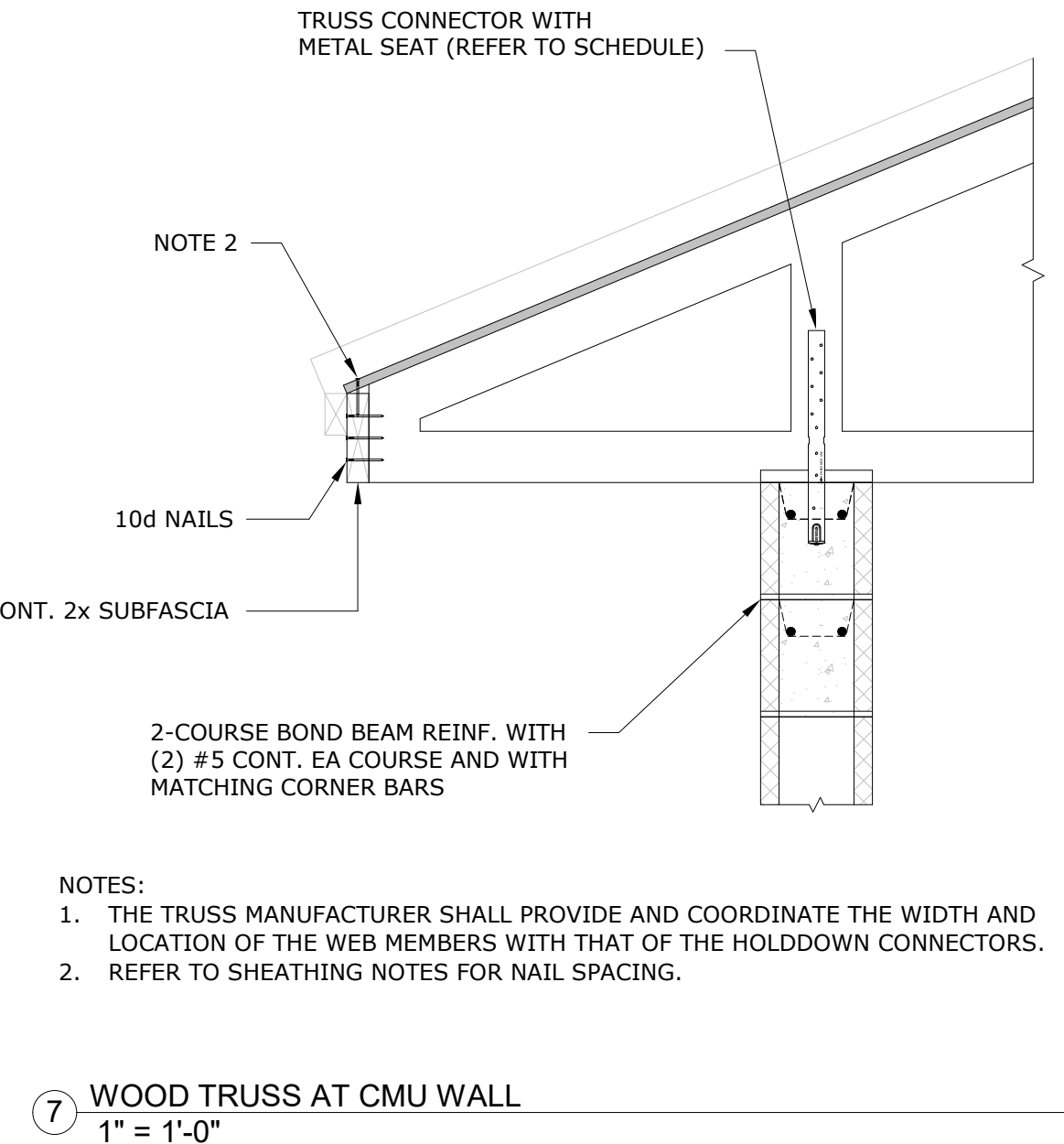
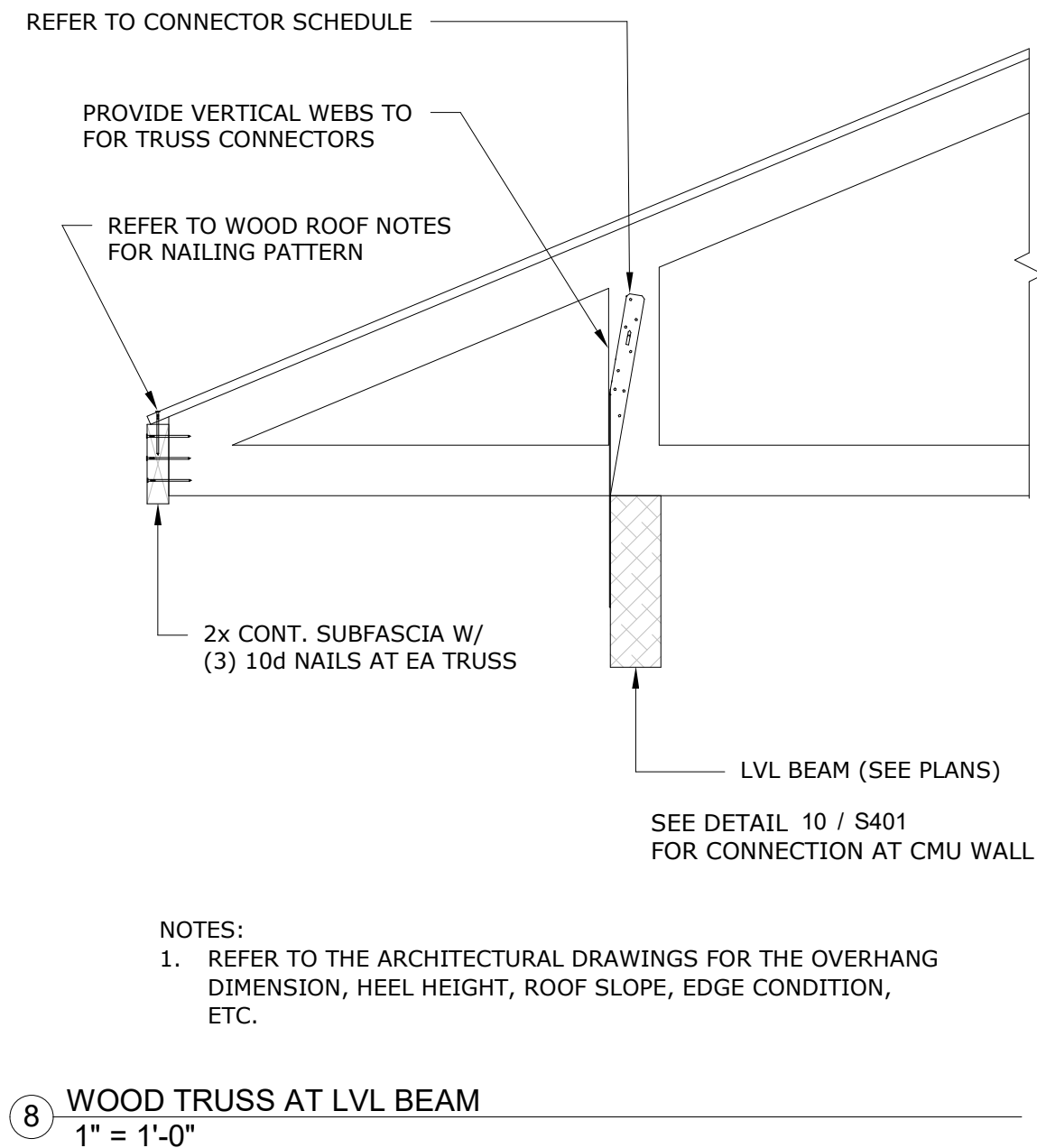




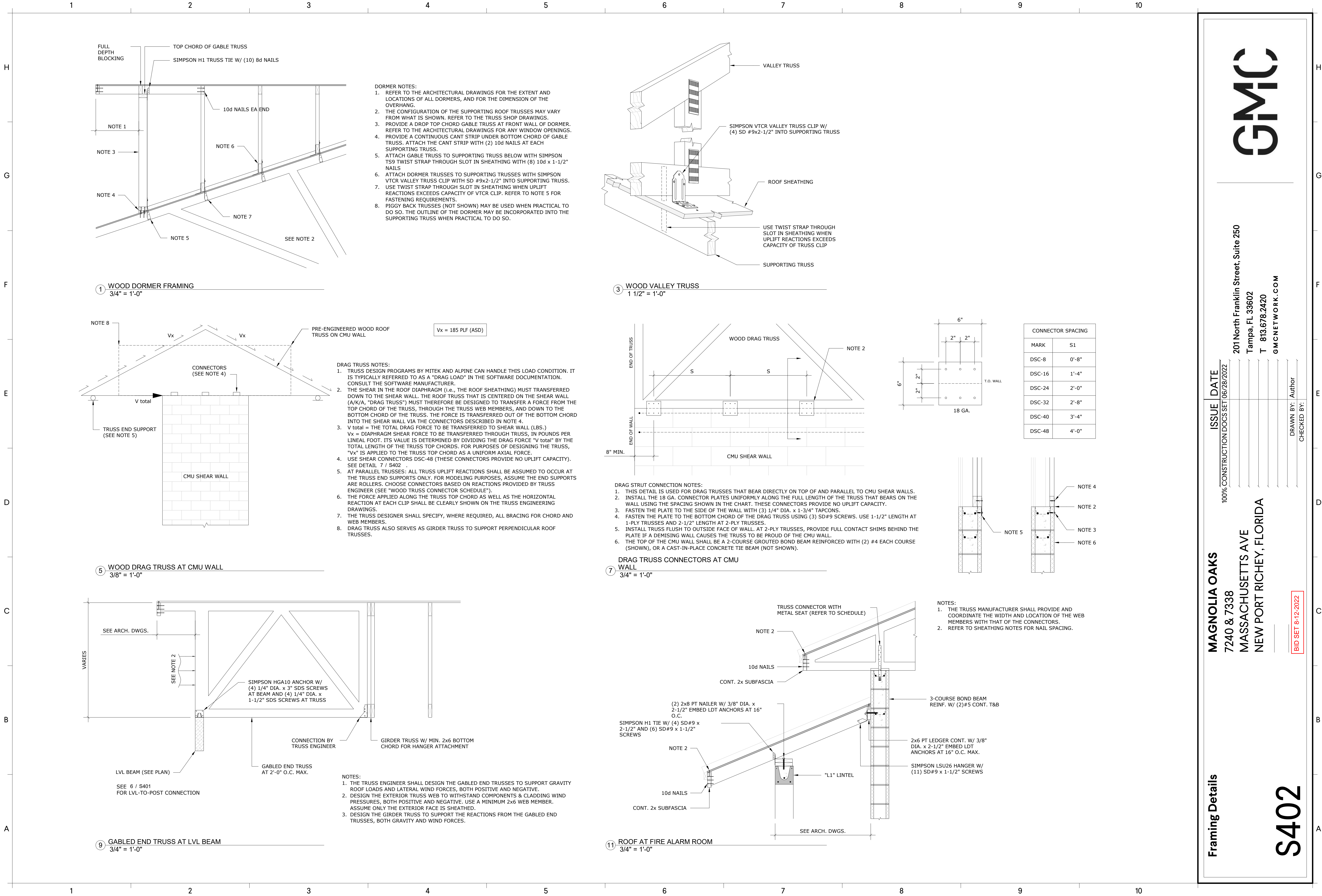














| STRIP FOOTING SCHEDULE |         |           |               |            |
|------------------------|---------|-----------|---------------|------------|
| MARK                   | WIDTH   | THICKNESS | REINF. BOTTOM | REINF. TOP |
| SF-2                   | 2' - 0" | 1' - 2"   |               |            |

| CMU WALL SCHEDULE |            |                |          |                        |                           |
|-------------------|------------|----------------|----------|------------------------|---------------------------|
| MARK              | BLOCK SIZE | STRENGTH (F'm) | GROUTING | REINF. SIZE (VERTICAL) | REINF. SPACING (VERTICAL) |
| MW-1              | 0' - 8"    | 1.50 ksi       | PARTIAL  | #5                     | 4' - 0"                   |

| WOOD COLUMN SCHEDULE |      |
|----------------------|------|
| MARK                 | SIZE |
| WC-1                 | 6x6  |

| WOOD LVL BEAM SCHEDULE |                  |
|------------------------|------------------|
| MARK                   | SIZE (in. x in.) |
| WB-1                   | 3.50x14.00       |
| WB-2                   | 1.75 x 11.875    |

④ WOOD TRUSS CONNECTOR SCHEDULE  
12" = 1'-0"

| SIMPSON CONNECTORS (WOOD TRUSS TO CMU) |                     |                     |                   |             |                |
|--|---------------------|---------------------|-------------------|-------------|----------------|
| MODEL NUMBER                           | TO CMU/CONCRETE     | TO TRUSS            | MAX. UPLIFT (LBS) | COMMENTS    | FL. APPROVAL # |
| HM9                                    | 5-1/4"x2-1/4" TITEN | 4-SDS 1/4" x 1-1/2" | 595               |             | FL11473        |
| MTSM16                                 | 4-1/4"x2-1/4" TITEN | 7-10d x 1-1/2"      | 860               |             | FL11473        |
| HTSM16                                 | 4-1/4"x2-1/4" TITEN | 8-10d x 1-1/2"      | 1175              |             | FL11473        |
| LTA2                                   | EMBEDDED            | 10-10d x 1-1/2"     | 1390              |             | FL11473        |
| META12-40                              | EMBEDDED            | 7-10d x 1-1/2"      | 1450              | SEE NOTE 4  | FL11473        |
| HETA12                                 | EMBEDDED            | 7-10d x 1-1/2"      | 1520              |             | FL11473        |
| HHETA12                                | EMBEDDED            | 7-10d x 1-1/2"      | 1565              |             | FL11473        |
| MTSM16 x2                              | 4-1/4"x2-1/4" TITEN | 7-10d x 1-1/2"      | 1720              | STAGGER     | FL11473        |
| HETA16-40                              | EMBEDDED            | 10-10d x 1-1/2"     | 1810              | SEE NOTE 4  | FL11473        |
| HHETA16-40                             | EMBEDDED            | 10-10d x 1-1/2"     | 2235              | SEE NOTE 4  | FL11473        |
| DETAL20                                |                     | 18-10d x 1-1/2"     | 2480              |             | FL11473        |
| HTT4                                   | 1-5/8" DIA. ROD     | 18-10d x 1-1/2"     | 3610              |             | FL11496        |
| HTT5                                   | 1-5/8" DIA. ROD     | 26-10d x 1-1/2"     | 4350              |             | FL11496        |
| LGT2                                   | 7-1/4"x2-1/4" TITEN | 16-16d SINKER       | 2150              | 2-PLY TRUSS | FL11470        |
| MGT                                    | 1-5/8" DIA. ROD     | 22-10d              | 3965              | 2-PLY TRUSS | FL11470        |
| FGTR                                   | 2-1/2"x5" TITEN HD  | 18-SDS 1/4" x 3"    | 5000              | 2-PLY TRUSS | FL11473        |
| HD3B x2                                | 2-5/8" DIA. ROD     | 2-5/8" DIA. BOLT    | 6260              | 2-PLY TRUSS | FL12708        |
| HD5B x2                                | 2-5/8" DIA. ROD     | 2-5/8" DIA. BOLT    | 9010              | 2-PLY TRUSS | FL12708        |
| FGTR x2                                | 4-1/2"x5" TITEN HD  | 36-SDS 1/4" x 3"    | 9400              | 2-PLY TRUSS | FL11473        |
| HGT-2                                  | 2-3/4" DIA. ROD     | 16-10d              | 10980             | 2-PLY TRUSS | FL10866        |
| HGT-3                                  | 2-3/4" DIA. ROD     | 16-10d              | 10530             | 3-PLY TRUSS | FL10866        |

| SIMPSON CONNECTORS (WOOD TRUSS TO LVL BEAMS) |                     |                      |                   |               |                |
|--|---------------------|----------------------|-------------------|---------------|----------------|
| MODEL NUMBER                                 | TO PLATE/BEAM/STUD  | TO TRUSS             | MAX. UPLIFT (LBS) | COMMENTS      | FL. APPROVAL # |
| H1   | 4-8d                | 6-8d x 1-1/2"        | 585               |               | FL10456        |
| H8   | 5-10d               | 5-10d x 1-1/2"       | 745               |               | FL11470        |
| 2-H1   | 8-8d                | 12-8d x 1-1/2"       | 1170              | ONE EACH SIDE | FL10456        |
| H10A   | 9-10d               | 9-10d x 1-1/2"       | 1340              |               | FL11478        |
| LGT2   | 14-16d SINKER       | 16-16d SINKER        | 2050              | 2-PLY TRUSS   | FL11470        |
| HTT4   | 1-5/8" DIA. ROD (6) | 18-10d x 1-1/2"      | 3610              | 2-PLY TRUSS   | FL11496        |
| MG1  | 1-5/8" DIA. ROD (6) | 22-10d               | 3965              | 2-PLY TRUSS   | FL11470        |
| HTT5   | 1-5/8" DIA. ROD (6) | 26-10d x 1-1/2"      | 4350              | 2-PLY TRUSS   | FL11496        |
| HD3B x2                                      | 2-5/8" DIA. ROD (6) | 2-5/8" DIA. BOLT (5) | 6260              | 2-PLY TRUSS   | FL12708        |
| HD5B x2                                      | 2-5/8" DIA. ROD (6) | 2-5/8" DIA. BOLT (5) | 9010              | 2-PLY TRUSS   | FL12708        |
| HGT-2  | 2-5/8" DIA. ROD (6) | 16-10d               | 10980             | 2-PLY TRUSS   | FL10866        |
| HGT-3  | 2-5/8" DIA. ROD (6) | 16-10d               | 10530             | 3-PLY TRUSS   | FL10866        |

**TRUSS CONNECTOR NOTES:**

1. TRUSS REACTIONS SHALL BE PROVIDED BY THE TRUSS ENGINEER. THE CONTRACTOR SHALL SELECT THE APPROPRIATE CONNECTOR FROM THESE TABLES THAT PROVIDES A CAPACITY THAT IS EQUAL TO OR GREATER THAN THE TRUSS REACTIONS.
2. ALL OF THE CONNECTIONS SPECIFIED ARE THOSE AS MANUFACTURED BY THE SIMPSON STRONGTIE (WWW.STRONGTIE.COM). ALTERNATE MANUFACTURER'S CONNECTORS MAY BE USED ONLY IF THEY MEET OR EXCEED THE CAPACITIES REQUIRED IN THESE TABLES. IT IS THE RESPONSIBILITY OF THE ALTERNATE MANUFACTURER TO PROVIDE DOCUMENTATION THAT PROVES THAT THE PROPOSED ALTERNATES ARE IDENTICAL IN PERFORMANCE TO THE CONNECTORS SPECIFIED IN THESE TABLES. ALTERNATE CONNECTORS SHALL NOT BE USED WITHOUT THE PRIOR APPROVAL OF THE ENGINEER OF RECORD.
3. ALL CONNECTORS FOR TRUSS-TO-TRUSS CONNECTIONS SHALL BE SPECIFIED BY THE TRUSS ENGINEER. THE ADEQUACY OF THE NET AREA OF THE TRUSS MEMBERS FOR THE BOLTED OR SCREWED CONNECTIONS SHALL BE DETERMINED BY THE TRUSS ENGINEER.
4. THE CONTRACTOR SHALL OBTAIN A COPY OF THE CONNECTOR MANUFACTURER'S CATALOG AND STRICTLY FOLLOW ALL INSTRUCTIONS AND RECOMMENDATIONS CITED THEREIN.
5. THE ADEQUACY OF THE NET AREA OF THE TRUSS MEMBERS FOR THE BOLTED OR SCREWED CONNECTIONS SHALL BE DETERMINED BY THE TRUSS ENGINEER.
6. THE ANCHOR RODS SHALL BE INCLUDED AS PART OF THE TIE-DOWN ANCHOR SYSTEM AND DESIGNED BY THE ANCHOR ENGINEER. REFER TO "TIE-DOWN ANCHOR SYSTEM" TYPICAL DETAIL.
7. FOR CONNECTORS THAT VARY IN LENGTH (e.g., META-12, META-16, ETC.) USE A LENGTH THAT ALLOWS THE FASTENERS TO BE INSTALLED PAST THE TRUSS CONNECTOR PLATE WHERE PRACTICAL TO DO SO.
8. DO NOT INSTALL FASTENERS WHERE THEY WOULD "PUSH-OUT" THE TRUSS CONNECTOR PLATE ON THE OPPOSITE FACE.
9. ALL TRUSSES BEARING ON CMU OR CONCRETE SHALL HAVE A METAL MOISTURE BARRIER (e.g., TSS TRUSS SEAT).
10. STAGGER DOUBLE CONNECTIONS TO AVOID SPLITTING OF THE WOOD.
11. ALL CONNECTORS SHALL BE GALVANIZED. ALL ANCHOR RODS SHALL BE GRADE A36. ALL BOLTS SHALL BE A MINIMUM GRADE A307.
12. ALL OF THE CONNECTORS LISTED IN THESE TABLES MAY NOT BE USED ON THIS PROJECT.



### HVAC GENERAL NOTES

THE FOLLOWING HVAC GENERAL NOTES APPLY TO GENERAL CONDITIONS OF HEATING, VENTILATING, AND AIR CONDITIONING (HVAC) WORK REQUIRED FOR THIS PROJECT.

NO EXCLUSIONS FROM OR LIMITATIONS IN THE LANGUAGE USED IN THE CONTRACT DOCUMENTS SHALL BE INTERPRETED AS MEANING THAT THE EQUIPMENT, ACCESSORIES, AND/OR ACCESSORIES NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM ARE NOT TO BE PROVIDED AS REQUIRED. THE SEPARATE DIVISIONAL CONTRACT DOCUMENTS DO NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY TO PROVIDE THE WORK WHICH IS INDICATED ON ANY OF THE DIVISIONAL CONTRACT DOCUMENTS. REVIEW AND COORDINATE THE SCOPE OF WORK WITH ALL DOCUMENTS AND TRADES TO ASSURE A COMPLETE AND FUNCTIONAL SYSTEM IS BID AND INSTALLED.

THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS REQUIRED TO COMMENCE AND COMPLETE HVAC WORK.

SUBMIT FULL SUBMITTALS OF ALL HVAC EQUIPMENT AND MATERIALS TO THE ENGINEER FOR REVIEW, WHETHER IT IS EXACTLY AS SPECIFIED OR NOT. WHERE ALTERNATE MANUFACTURERS ARE LISTED IN THE BOOK SPECIFICATIONS, ONE OF THOSE MANUFACTURERS SHALL BE PROVIDED UNLESS A REQUEST FOR SUBSTITUTION HAS BEEN SUBMITTED PRIOR TO BID AND THE MANUFACTURER SUBSEQUENTLY IS LISTED AS AN ACCEPTABLE MANUFACTURER IN AN ADDENDUM. FOR ALL EQUIPMENT WHICH HAS BEEN SCHEDULED DIRECTLY ON THE DESIGN DRAWINGS, PROVIDE WITHIN THE SUBMITTAL A PERFORMANCE SCHEDULE FOR THE PROPOSED EQUIPMENT IN THE SAME FORMAT AS INCLUDED ON THE DRAWINGS. FAILURE TO PROVIDE REQUIRED PERFORMANCE SCHEDULE WILL RESULT IN REJECTION OF THE ENTIRE SUBMITTAL.

BIND COMPLETE SUBMITTALS IN A THREE RING BINDER(S) WITH A TITLE SHEET AND IDENTIFICATION ON FRONT AND SIDE OF THE BINDER. CONTACT ENGINEER FOR PRIOR APPROVAL TO SUBMIT PDF EMAILED SUBMITTALS. SUBMIT ALL HVAC PRODUCTS SUBMITTALS ALL AT ONE TIME. PARTIAL SUBMITTALS WILL NOT BE ACCEPTED FOR REVIEW AND APPROVAL. INDEX ALL ITEMS AS APPLICABLE. SUBMITTALS THAT DEVIATE FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS SHALL LIST ALL DIFFERENCES IN A COVER LETTER ATTACHED TO FRONT OF THE SUBMITTAL. ANY UNLISTED DEVIATIONS FOUND DURING REVIEW WILL RESULT IN THE REJECTION OF THE ENTIRE SUBMITTAL. FOR ITEMS REVIEWED AND MARKED "REJECTED" OR "REJECTED/REVIEWED" ON ANY SUBMITTAL, THE SUBMITTAL WILL BE REVIEWED TO VERIFY PRODUCT COMPLIANCE WITH THE CONTRACT DOCUMENTS. SHOULD FURTHER SUBMITTALS BE REQUIRED BY THE ENGINEER TO VERIFY THE SUBMITTAL WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, THE HOURLY RATE OF \$150.00 WILL BE BILLED TO THE CONTRACTOR FOR THE ENGINEER'S TIME SPENT ON THE REVIEW.

THE CONTRACT DOCUMENTS AND SUBMITTALS OF ALL TRADES SHALL BE COORDINATED AND BE VIEWED IN CONNECTION AND CONJUNCTION WITH EACH OTHER TO INSURE THE PROPER LOCATION AND INSTALLATION OF ALL DEVICES AND EQUIPMENT. MAKE PARTICULAR NOTE OF LOCATIONS AND DIMENSIONS SHOWN ON THE ARCHITECTURAL FLOOR PLANS AND ELEVATIONS.

HVAC DRAWINGS INDICATE THE SCHEMATIC LAYOUT AND LOCATION OF THE HVAC SYSTEM COMPONENTS. UNLESS SPECIFIC DIMENSIONS ARE NOTED, THE ACTUAL LOCATION OF THESE COMPONENTS SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR IN COORDINATION WITH THE WORK OF OTHER TRADES, THE USE OF MANUFACTURER'S SUBMITTALS, AND SIMILAR CERTIFIED DATA.

ALL HVAC EQUIPMENT INSTALLED OUTDOORS SHALL BE SECURED TO ITS CURB OR HOUSEKEEPING AS DETAILED BY THE STRUCTURAL ENGINEER FOR THE REQUIRED WIND LOADS AND SEVERITY.

ALL EXTERIOR EXPOSED MATERIALS SHALL BE CONSTRUCTED OF NON-FERROUS MATERIALS AND BE PAINTED WITH TWO COATS OF RUST INHIBITOR PAINT.

INSTALL AND TEST ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS. MAINTAIN ADEQUATE SERVICE SPACE AS REQUIRED. SERVICE SPACE SHALL BE CLEAR OF DUCTS, PIPES, CONDUITS, WALL STUDS, CEILING HANGERS, AND ANY OTHER CONSTRUCTION APPURTENANCES.

CONTRACTOR SHALL COORDINATE AND PROVIDE ALL CEILING/FLOORWALL ACCESS PANELS THAT MAY BE REQUIRED FOR THE INSTALLATION, INSPECTION, AND SERVICE OF THE HVAC SYSTEM WHETHER OR NOT IT IS SHOWN. ACCESS PANELS TO BE SELECTED BY THE ARCHITECT.

ALL HVAC EQUIPMENT SHALL BE LABELED WITH ENGRAVED, LAMINATED, PLASTIC SIGNS. SIGNS SHALL BE 18" TYPICAL AND A MINIMUM OF 1-3/4" HIGH WITH 1" HIGH LETTERS. LENGTH OF THE SIGN SHALL BE THE SUM OF THE LETTER NUMBERS PLUS 1/4" MINIMUM. EXTERIOR SIGNS SHALL BE UV RATED, DESIGNATED AND MANUFACTURED TO BE EXPOSED TO THE ELEMENTS.

ALL WALL MOUNTED THERMOSTATS AND SIMILAR SENSORS SHALL BE INSTALLED AT A MAXIMUM ELEVATION OF 4'-0" ABOVE FINISHED FLOOR TO THE TOP OF THE DEVICE, UNLESS OTHERWISE NOTED ON DRAWINGS. LOCATION OF THE SENSORS SHALL BE COORDINATED WITH THE OTHER TRADES FOR A NEAT APPEARANCE. FINAL LOCATION OF THE SENSORS SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. WHEN INSTALLED ON EXTERIOR WALLS, PROVIDE AN INSULATED SUB-BASE.

RETAIN THE SERVICES OF A CERTIFIED COMMISSIONING AGENT TO PERFORM COMMISSIONING WORK IN ACCORDANCE WITH FBCE SECTION C408.

RETAIN THE SERVICES OF A NEBB AND/OR AABC CERTIFIED TEST AND BALANCE AGENCY TO PERFORM FINAL TESTING AND BALANCING OF ALL HVAC SYSTEMS. RECORD ALL DATA ON STANDARD "AABC" OR OTHER APPROVED FORMS, AND SUBMIT TO THE ENGINEER FOR REVIEW.

AT PROJECT COMPLETION, THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 40 HOURS OF TRAINING ON THE OPERATION AND MAINTENANCE OF THE HVAC EQUIPMENT.

CONTRACTOR SHALL PROVIDE A ONE YEAR WARRANTY ON PARTS AND LABOR FROM THE DATE OF SUBSTANTIAL COMPLETION.

EXHAUST AND OUTSIDE AIR DUCTWORK SHALL BE GALVANIZED SHEET METAL. SEAL ALL DUCT JOINTS WITH HARDCAST. OUTSIDE AIR DUCTS SHALL BE INSULATED WITH BLANKET TYPE INSULATION WITH VAPOR BARRIER (MINIMUM R-6.0). ALL DUCTWORK INSULATION SHALL BE LABELED AND MARKED AT REQUIRED INTERVALS PER THE FLORIDA BUILDING CODE, SECTION 904. EXHAUST AIR DUCTWORK SHALL NOT BE INSULATED UNLESS OTHERWISE SPECIFIED.

SUPPLY, RETURN, AND TRANSFER AIR DUCTWORK SHALL BE 1-1/2" THICK (MINIMUM R-8) FIBROUS DUCTBOARD WITH AN EPA LISTED ANTIMICROBIAL COATING. DUCT TAPE AND TAPE APPLICATION PROCEDURES SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S "SMACNA" STANDARD TAPE SHALL ALSO BE APPROVED AND LISTED BY THE FIBERGLASS DUCT BOARD MANUFACTURER FOR USE WITH THEIR PRODUCT.

ALL DUCTWORK SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF "SMACNA" DUCT CONSTRUCTION STANDARDS. FABRICATE AND SEAL DUCTWORK PER THE FOLLOWING SCHEDULE (REFER TO THE EXTERNAL STATIC PRESSURE CRITERIA IN THE AIR HANDLING UNIT SCHEDULE FOR CORRESPONDING OPERATING PRESSURE):

| OPERATING PRESSURE<br>UP TO 2" W.G. | DUCT PRESSURE CLASS<br>2" W.G. | SEAL CLASS<br>C |
|-------------------------------------|--------------------------------|-----------------|
|-------------------------------------|--------------------------------|-----------------|

WHERE INDICATED ON HVAC EQUIPMENT SCHEDULES, EXTERNAL STATIC PRESSURE IS DEFINED AS NOT INCLUDING LOSSES DUE TO UNIT MOUNTED FILTERS OR MIXING BOXES. THOSE LOSSES SHALL BE PART OF THE EQUIPMENT INTERNAL LOSSES, SAME AS THOSE CAUSED BY COILS, CABINET, ETC.

ALL NEW DUCTWORK SHALL NOT BE STORED IN UNCLEAN AREAS. PROTECT ALL DUCTWORK FROM DUST AND DEBRIS WHILE IT IS STORED ON SITE. WHILE UNDER CONSTRUCTION, ALL INSTALLED DUCTWORK SHALL BE TEMPORARILY SEALED WITH VISQUEEN PRIOR TO TEST AND BALANCE IN ORDER TO LIMIT ACCUMULATION OF CONSTRUCTION DUST INSIDE DUCTWORK SYSTEM. IF EITHER OF THESE PROCEDURES IS NOT CONDUCTED, THE ENTIRE ASSOCIATED DUCTWORK SYSTEM AND HVAC EQUIPMENT SHALL BE CLEANED TO THE ENGINEER'S SATISFACTION.

WHERE APARTMENT UNIT MECHANICAL CLOSETS ARE USED AS A RETURN AIR PLENUM, ALL ELECTRICAL WORK IN THAT SPACE SHALL COMPLY WITH THE REQUIREMENTS OF NFPA-70 (NEC) AS IT RELATES TO THAT APPLICATION. EXPOSED WIRE SHALL BE PLENUM RATED. THE USE OF PVC WITHIN THE PLENUM IS STRICTLY PROHIBITED. COORDINATE WITH OTHER INSTALLERS TO PREVENT THE INSTALLATION OF PROHIBITED MATERIALS.

FLEXIBLE DUCTS SHALL BE FACTORY INSULATED WITH 3/4" THICK GLASS FIBER AND INCLUDE A VINYL VAPOR JACKET AND HELIX STEEL WIRE. "THERMAFLEX" TYPE MAKE OR APPROVED EQUAL. FLEXIBLE DUCT SHALL BE ATTACHED WITH "THERMAFLEX" WRAP LOCK SERIES 0902 CLAMPS. MAXIMUM LENGTH OF FLEXIBLE DUCT SHALL BE 20'-0".

ALL DUCTWORK ELBOWS SHALL INCLUDE AIR FLOW DIRECTIONAL VANES AS PER "SMACNA" DUCT CONSTRUCTION STANDARDS. SPLITTER VANES SHALL BE PROVIDED IN ALL ELBOWS AND DUCT OFFSETS WITH ANGLES BETWEEN 15 DEGREE AND 90 DEGREES AS PER FIG. 2-2 OF THE SMACNA MANUAL. 90 DEGREE ELBOWS SHALL HAVE TURNING VANES.

PROVIDE CONICAL SPIN-IN FITTINGS AT ALL CONNECTIONS OF ROUND SHEET METAL OR FLEXIBLE SUPPLY AIR DUCTS TO RIGID RECTANGULAR DUCT.

DUCTWORK, AIR DEVICES, AND OTHER ITEMS OF THE AIR DISTRIBUTION SYSTEM SHALL BE SUPPORTED DIRECTLY FROM THE BUILDING STRUCTURE AND NOT FROM THE CEILING OR CEILING SUSPENSION SYSTEM. AIR DEVICES SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE FROM AT LEAST TWO POINTS. COORDINATE LOCATION OF AIR DEVICES, WALLCAPS, ROOFCAPS, AND LOUVERS WITH ALL OTHER TRADES.

ALL BALANCING DAMPERS SHALL BE OPPOSED BLADE TYPE. PROVIDE A ONE FOOT LONG PLASTIC STRIP OF MATERIAL FROM ALL DAMPER HANDLES TO ASSIST TEST AND BALANCE AGENCY IN IDENTIFYING ALL DAMPERS. REMOVE MATERIAL FROM EXPOSED DAMPERS AFTER SUBSTANTIAL COMPLETION.

IN AREAS WHERE THE BALANCING DAMPER INSTALLATION PROHIBITS ACCESS FOR TEST AND BALANCE, PROVIDE MANUAL REMOTE CABLE CONTROL EQUAL TO YOUNG REGULATOR MODEL 830AC/2270-886. ACCESS TO END OF CABLE TO BE FLUSH IN CEILING NEATLY CONCEALED WITH THREADED CAP. PAINT CAP TO MATCH CEILING COLOR. INDICATE LOCATIONS OF ALL CAPS IN A FLOOR PLAN INCLUDED IN THE SUBMITTALS AND OBTAIN APPROVAL FROM ENGINEER PRIOR TO INSTALLATION.

PROVIDE ADDITIONAL DUCTWORK AND PIPING SUPPORTS ON BOTH SIDES AND WITHIN 18" OF FIRE RATED WALLS. DUCTWORK OR PIPING SHALL NOT BE SUPPORTED FROM ANY FIRE RATED WALL.

ALL DUCTWORK AND/OR PIPING MUST BE INSTALLED 6" AWAY FROM ANY FIRE RATED WALL.

### HVAC GENERAL NOTES

CONTRACTOR SHALL COORDINATE AND PROVIDE ALL DUCTWORK ACCESS PANELS THAT MAY BE REQUIRED FOR THE INSTALLATION, INSPECTION, AND SERVICE OF HVAC DAMPERS, SENSORS, ETC. WHETHER OR NOT IT IS SHOWN. DUCT ACCESS DOORS SHALL BE MINIMUM 12" X 12" INSULATED AND DOUBLE GASKETED. ACCESS DOOR SHALL NOT REQUIRE TOOLS TO BE OPENED.

EXHAUST DUCTS SERVING CLOTHES DRYERS SHALL COMPLY WITH THE FLORIDA BUILDING CODE SECTION 504. DRYERS SHALL BE EXHAUSTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

- a. DUCTS SHALL NOT BE CONNECTED TO A GAS VENT, CHIMNEY, CRAWL SPACE, ATTIC, OR OTHER SIMILAR CONCEALED SPACE.
- b. EACH VERTICAL RISER SHALL BE PROVIDED WITH A MEANS FOR A CLEANOUT.
- c. DUCT JOINTS SHALL NOT BE ASSEMBLED WITH SHEET METAL SCREWS OR OTHER FASTENING MEANS WHICH EXTEND INTO THE DUCT AND OBSTRUCT AIR FLOW.
- d. EACH JOINT SHALL BE SEALED WITH A NONCOMBUSTIBLE MATERIAL, ALL ANNULAR SPACES THROUGH WALL OR CEILING PENETRATIONS SHALL BE SEALED USING APPROVED FIRE CALULKING.
- e. RESIDENTIAL DRYER VENTS SHALL BE CONSTRUCTED OF MINIMUM 0.016-INCH GALVANIZED STEEL OR OTHER NONCOMBUSTIBLE MATERIAL OF EQUIVALENT STRENGTH AND CORROSION RESISTANCE.
- f. THE VENTS SHALL HAVE SMOOTH INTERIOR FINISH WITH JOINTS RUNNING IN THE DIRECTION OF THE AIR FLOW. MINIMUM SIZE OF THE EXHAUST DUCT SHALL BE 4 INCHES INSIDE DIMENSION OR AS PER DRYER MANUFACTURER REQUIREMENTS.
- g. THE MAXIMUM LENGTH SHALL NOT EXCEED 35 FEET FROM RESIDENTIAL DRYER LOCATION TO THE OUTLET TERMINAL. THERE SHALL BE A DEDUCTION FOR EACH DUCT FITTING IN ACCORDANCE WITH TABLE 504.6.1.1 OF THE CODE. DEVELOPED DUCT LENGTHS LONGER THAN 25 FEET ARE ALLOWED FOR SPECIFIC DRYER INSTALLATIONS WHERE THE DRYER MANUFACTURER'S INSTALLATION INSTRUCTIONS SPECIFY THE ALLOWABLE DEVELOPED LENGTH OF AN ENGINEERED SYSTEM.
- h. WHERE A CLOTHES DRYER BOOSTER FAN IS INSTALLED AND LISTED AND LABELED FOR THE INSTALLATION, THE MAXIMUM LENGTH OF THE EXHAUST DUCT, INCLUDING ANY TRANSITION DUCT, WILL BE ALLOWED IF INSTALLED IN ACCORDANCE WITH THE BOOSTER FAN MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- i. WHERE THE MAKE AND MODEL OF THE CLOTHES DRYER SPECIFIES A MAXIMUM ALLOWABLE DEVELOPED DUCT LENGTH EXCEEDING THESE REQUIREMENTS, SPECIFIC MAKE AND MODEL SHALL BE PROVIDED TO THE CODE OFFICIAL. PROVIDE A LABEL AT THE DUCT CONNECTION WHICH READS: "INSTALL DRYER WITH AN ALLOWABLE DEVELOPED DUCT LENGTH MINIMUM OF 70'".
- j. THE ENTIRE EXHAUST SYSTEM SHALL BE ISOLATED FROM ALL COMBUSTIBLE MATERIALS AND SHALL BE PROPERLY SECURED IN PLACE.
- k. THE ROOF OR WALL EXHAUST CAP SHALL BE NON SCREWED WITH BACK DRAFT DAMPER. CAP SHALL BE A MINIMUM OF 4 INCHES IN WIDTH. SCREENS SHALL NOT BE INSTALLED AT THE DUCT TERMINATION.

PROVIDE P-TRAPS AT ALL CONDENSATE DRAIN LINE CONNECTIONS. SLOPE DRAIN LINES TOWARD THE POINT OF DISCHARGE (MIN 1/8" / FOOT). INSULATE CONDENSATE DRAIN LINES WITH 3/4" THICK SEAMLESS CLOSED CELL RUBBER PIPE INSULATION. CONDENSATE DRAIN LINES TO BE PVC IF NOT IN RETURN AIR PLENUM OR COPPER IF LOCATED IN RETURN AIR PLENUM. LINES SHALL BE ONE DIAMETER LARGER THAN THE UNIT DRAIN CONNECTION, BUT NOT LESS THAN 3/4 INCH. PROVIDE CLEANOUTS AT ALL CHANGES OF DIRECTION.

REFRIGERANT LINES SHALL BE SIZED PER THE AIR CONDITIONING EQUIPMENT MANUFACTURER'S RECOMMENDATIONS. PROVIDE SIZING AND ACCESSORY DATA WITH THE EQUIPMENT PACKAGE SUBMITTAL. PIPING IS TO BE FILLED WITH DRY NITROGEN WHILE SOLDERING. TEST, CLEAN, AND DEHYDRATE PIPES AND PROVIDE CRITICAL CHARGE OF REFRIGERANT AS PER EQUIPMENT MANUFACTURER'S RECOMMENDATION. PROVIDE ALL NECESSARY VALVES, TRAPS, FILTER/DRYERS, SIGHT GLASS, ETC. AS REQUIRED FOR A COMPLETE AND READY TO OPERATE INSTALLATION. INCLUDE ACCESSIBLE SERVICE FITTINGS. B/FLOW LIQUID LINE FILTER DRYER SHALL BE PROVIDED IN HEAT PUMP UNITS.

ALL REFRIGERANT PIPING SHALL BE INSULATED WITH 3/4" THICK SEAMLESS CLOSED CELL RUBBER PIPE INSULATION. INSULATION EXPOSED TO THE OUTSIDE ENVIRONMENT SHALL BE UV-RESISTANT.

ALL BEDROOMS, BATHROOMS, AND CLOSETS SHALL RECEIVE A 3/4" DOOR UNDERCUT FOR TRANSFER OF AIR, SEE ARCHITECTURAL DRAWINGS.

### HVAC COORDINATION DRAWING REQUIREMENT

PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR SHALL SUBMIT DETAILED HVAC COORDINATION DRAWINGS AT 1/4" = 1'-0" SCALE. THESE DRAWINGS ARE NOT TO BE CONFUSED WITH SUBMITTALS. THEY ARE NOT SUBMITTALS. THEY ARE A TOOL TO AIDE THE CONTRACTORS IN THE INSTALLATION OF THEIR SYSTEMS. DRAWINGS ARE TO INCLUDE, BUT NOT NECESSARILY BE LIMITED TO, THE FOLLOWING ITEMS:

- MECHANICAL ROOMS WITH ALL EQUIPMENT (FROM APPROVED SUBMITTALS) DRAWN TO SCALE. INDICATE SERVICE CLEARANCES.
- DETAILED FLOOR PLANS INDICATING ALL DUCTWORK, AIR DEVICES, DAMPERS, ACCESS DOORS, AND ALL OTHER DUCT MOUNTED AIR DISTRIBUTION RELATED EQUIPMENT, AND HVAC PIPING, VALVES, AND ACCESSORIES.
- INDICATE FLOOR, WALL, AND ROOF PENETRATION SIZES THAT ARE REQUIRED FOR ALL HVAC EQUIPMENT.
- SHOW MAJOR STRUCTURAL MEMBERS, MAJOR ELECTRICAL CONDUITS AND EQUIPMENT, AND MAJOR PLUMBING AND FIRE PROTECTION PIPING AND ACCESSORIES TO CONFIRM COORDINATION HAS OCCURRED.
- AFTER HVAC COORDINATION DRAWINGS ARE COMPLETED AND REVIEWED BY THE DESIGN TEAM, ANY ADDITIONAL WORK REQUIRED IN ANY OF THESE TRADES TO PROVIDE SYSTEMS THAT DO NOT CONFLICT WITH EACH OTHER SHALL BE PROVIDED BY THE CONTRACTOR AT NO COST TO THE OWNER.

### HVAC SYMBOL LEGEND

| SYMBOL | DESCRIPTION   |
|--------|---|
|        | DUCTWORK MOUNTED OPPOSED BLADE MANUAL DAMPER  |
|        | CONDENSATE PIPING   |
|        | REFRIGERANT PIPING  |
|        | PIPING TRANSITION   |
|        | PIPING ELBOW TURNING TOWARD VIEWER (UP)   |
|        | PIPING ELBOW TURNING AWAY FROM VIEWER (DN)  |
|        | TEMPERATURE SENSOR  |
|        | MOTORIZED ACTUATOR  |
|        | SMOKE DETECTOR  |
|        | SUPPLY AIR CEILING AIR DEVICE   |
|        | RETURN AIR CEILING AIR DEVICE   |
|        | TRANSFER AIR CEILING AIR DEVICE   |
|        | OUTSIDE AIR CEILING AIR DEVICE  |
|        | SUPPLY, RETURN, TRANSFER, OUTSIDE, OR EXHAUST AIR SIDEWALL AIR DEVICE   |
|        | TRANSFER, OUTSIDE, OR EXHAUST AIR WALL CAP AIR DEVICE   |
|        | SUPPLY, RETURN, TRANSFER, OUTSIDE, AND EXHAUST AIR DEVICE IDENTIFICATION  |
|        | SAD=SUPPLY AIR DEVICE, RAD=RETURN AIR DEVICE, TAD=TRANSFER AIR DEVICE, EAD=EXHAUST AIR DEVICE, OAD=OUTSIDE AIR DEVICE |
|        | SUPPLY, RETURN, TRANSFER, OUTSIDE, AND EXHAUST AIR LOUVER AIR DEVICE IDENTIFICATION                                   |
|        | SAL=SUPPLY AIR LOUVER, RAL=RETURN AIR LOUVER, TAL=TRANSFER AIR LOUVER, EAL=EXHAUST AIR LOUVER, OAL=OUTSIDE AIR LOUVER |
|        | DOOR GRILLE AIR DEVICE IDENTIFICATION   |
|        | BREAK   |
|        | AIRFLOW DIRECTION   |
|        | RECTANGULAR DUCTWORK SIZE, WHERE THE FIRST DIMENSION IS THE INSIDE PLAN VIEW DUCTWORK DIMENSION                       |
|        | ROUND DUCTWORK SIZE, WHERE THE DIMENSION IS THE INSIDE PLAN VIEW DUCTWORK DIMENSION                                   |
|        | ROUND FLEXIBLE DUCTWORK SIZE, WHERE THE DIMENSION IS THE INSIDE DUCTWORK DIMENSION                                    |
|        | ROUND AND FLEXIBLE DUCTWORK ROUNDOUT TO AIR DEVICE TO BE THE SAME SIZE AS ASSOCIATED AIR DEVICE TO NECK SIZE          |
|        | DUCTWORK TRANSITION   |
|        | DUCTWORK TRANSITION, SINGLE LINE  |
|        | DUCTWORK MITERED ELBOW WITH TURNING VANES   |
|        | DUCTWORK MITERED ANGLE ELBOW WITH TURNING VANES   |
|        | DUCTWORK ANGLE ELBOW WITHOUT TURNING VANES  |
|        | DUCTWORK RADIUS ELBOW   |
|        | RECTANGULAR DUCTWORK TEE, WITH 45 DEGREE RECTANGULAR DUCTWORK BRANCH TAKEOFF  |
|        | ROUND OR OVAL DUCTWORK TEE, WITH 45 DEGREE ROUND OR OVAL DUCTWORK BRANCH TAKEOFF                                      |
|        | ROUND OR OVAL DUCTWORK WYE, WITH ROUND OR OVAL CONICAL DUCTWORK BRANCH TAKEOFF  |
|        | DUCTWORK ELBOW TURNING TOWARD VIEWER  |
|        | DUCTWORK ELBOW TURNING AWAY FROM VIEWER   |

### HVAC CODE CRITERIA

THE FOLLOWING IS A LIST OF ALL CODES ADOPTED DECEMBER 31, 2020 BY THE STATE FIRE MARSHALL'S RULE 69A3.012 F.A.C.:

- FLORIDA BUILDING CODE 7TH EDITION (2020) - ALL SECTIONS
- FLORIDA ENERGY EFFICIENCY CODE (FEEC 2020), FLORIDA ENERGY CODE SOFTWARE: ENERGY GAUGE SUMMIT VERSION 7.00
- FLORIDA FIRE PREVENTION CODE 7TH EDITION (2020)

69A-3.012 STANDARDS OF THE NATIONAL FIRE PROTECTION ASSOCIATION ADOPTED.

(1) EXCEPT AS SPECIFICALLY MODIFIED BY STATUTE OR BY THE STATE FIRE MARSHAL'S RULES, THE "FLORIDA FIRE PREVENTION CODE, 7TH EDITION (2020)," WHICH IS COMPRISED OF THE FLORIDA SPECIFIC EDITION OF NFPA 101, THE LIFE SAFETY CODE (2018 EDITION) AND THE FLORIDA SPECIFIC EDITION OF NFPA 1, THE FIRE CODE (2018 EDITION), ARE HEREBY ADOPTED AND INCORPORATED BY REFERENCE AND ARE APPLICABLE TO THOSE BUILDINGS AND STRUCTURES SPECIFIED IN PARAGRAPHS (A) AND (B) OF SUBSECTION (1) OF SECTION 633.206, F.S. IN ADDITION, THE FOLLOWING STANDARDS, EXCEPT AS SPECIFICALLY MODIFIED IN THE RULE CHAPTERS IN RULE TITLE 69A, ARE HEREBY ADOPTED AND INCORPORATED BY REFERENCE AND SHALL TAKE EFFECT ON THE EFFECTIVE DATE OF THIS RULE, AS A PART OF THE UNIFORM FIRE SAFETY STANDARDS ADOPTED BY RULE BY THE STATE FIRE MARSHAL AND ARE APPLICABLE TO THOSE BUILDINGS AND STRUCTURES SPECIFIED IN PARAGRAPHS (A) AND (B) OF SUBSECTION (1) OF SECTION 633.206, F.S.:

- NFPA 13, 2016 EDITION, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
- NFPA 70, 2017 EDITION, NATIONAL ELECTRICAL CODE
- NFPA 72, 2016 EDITION, NATIONAL FIRE ALARM AND SIGNALING CODE
- NFPA 90A, 2018 EDITION, STANDARD FOR THE INSTALLATION OF AIR-CONDITIONING AND VENTILATING SYSTEMS
- NFPA 90B, 2018 EDITION, STANDARD FOR THE INSTALLATION OF WARM AIR HEATING AND AIR-CONDITIONING SYSTEMS
- NFPA 91, 2015 EDITION, STANDARD FOR EXHAUST SYSTEMS FOR AIR CONVEYING OF VAPORS, GASES, MISTS, AND NONCOMBUSTIBLE PARTICULATE SOLIDS

AMERICAN SOCIETY OF HEATING, REFRIGERATION AND AIR CONDITIONING ENGINEERS, INC. (ASHRAE) (INCLUDING ALL APPROVED ADDENDUM):

- ASHRAE FUNDAMENTALS 2017
- ASHRAE GUIDELINE 4-2019, PREPARATION OF OPERATING AND MAINTENANCE DOCUMENTATION FOR BUILDING SYSTEMS
- ASHRAE GUIDELINE 11-2018, FIELD TESTING OF HVAC CONTROL COMPONENTS
- ASHRAE STANDARD 62-1-2018, VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY
- ASHRAE STANDARD 62-2-2016, VENTILATION AND ACCEPTABLE INDOOR AIR QUALITY IN LOW-RISE RESIDENTIAL BUILDINGS
- ASHRAE STANDARD 111-2008 (RA 2017), MEASUREMENT, TESTING, ADJUSTING AND BALANCING OF BUILDING HEATING, VENTILATION AND AIR-CONDITIONING SYSTEMS
- ASHRAE STANDARD 126-2020, METHODS OF TESTING HVAC AIR DUCTS

SHEET METAL AND AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATION (SMACNA) (INCLUDING ALL APPROVED ADDENDUM):

- HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE, 3RD EDITION, 2005
- FIBROUS GLASS DUCT CONSTRUCTION STANDARDS, 7TH EDITION, 2003
- HVAC SYSTEM DUCT DESIGN, 4TH EDITION, 2006
- HVAC AIR DUCT LEAKAGE TEST MANUAL, 2ND EDITION, 2012
- FIRE, SMOKE AND RADIATION DAMPER INSTALLATION GUIDE FOR HVAC, 5TH EDITION, 2002

OTHER:

- LOCAL CODES AND ORDINANCES

NOTE: TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THESE HVAC DESIGN DRAWINGS COMPLY WITH THE ABOVE CODE CRITERIA. WHEN TWO OR MORE CODES OR STANDARDS ARE IN CONFLICT, THE MORE STRINGENT SHALL APPLY.

### HVAC LOAD CALCULATION DESIGN CRITERIA

| PROJECT LOCATION            | ---                 | NEW PORT RICHEY, FLORIDA |
|-----------------------------|---------------------|--------------------------|
| OUTDOOR SUMMER TEMP (DB/WB) | DEG F/DEG F         | 92.4/77.4                |
| OUTDOOR WINTER TEMP (DB)    | DEG F               | 42.1                     |
| INDOOR SUMMER TEMP (DB/WB)  | DEG F/DEG F         | 75.0/62.6                |
| INDOOR WINTER TEMP (DB)     | DEG F               | 70.0                     |
| FLOOR INSULATION (TOTAL)    | R-VALUE             | R-0                      |
| WALL INSULATION (TOTAL)     | R-VALUE             | R-5                      |
| ROOF INSULATION (TOTAL)     | R-VALUE             | R-20                     |
| WINDOW GLASS TYPE           | U-VALUE, SHADE COEF | U-0.5, SC-0.5            |

### HVAC OUTSIDE AIR CALCULATION / AIR BALANCE SUMMARY: CLUBHOUSE

| TAG               | AREA (SQ FT) | NUMBER OF PEOPLE | OUTSIDE AIR REQUIRED (CFM) | OUTSIDE AIR PROVIDED (CFM) | EXHAUST AIR PROVIDED (CFM) |
|-------------------|--------------|------------------|----------------------------|----------------------------|----------------------------|
| AHU-C-1           | 1,569        | 18               | 250                        | 250                        | -                          |
| EF-C-1            | -            | -                | -                          | -                          | 70                         |
| EF-C-2            | -            | -                | -                          | -                          | 70                         |
| EF-C-3            | -            | -                | -                          | -                          | 70                         |
| TOTAL AIR BALANCE |              |                  |                            | 250                        | 210                        |
|                   |              |                  |                            | 40 CFM POSITIVE            |                            |

NOTES:

- CONTRACTOR SHALL CONFIRM THE ABOVE INSULATION VALUES WITH THE ARCHITECT, BUILDING ENVELOP SUBMITTALS AND ENERGY CALCULATIONS PRIOR TO THE START OF CONSTRUCTION. MECHANICAL SUBMITTALS SHALL INCLUDE A CONFIRMATION LETTER STATING THEIR COORDINATION.
- AIR CONDITIONING LOAD CALCULATIONS ARE ATTACHED TO THE ENERGY EFFICIENCY CODE FORMS.
- THE REQUIRED OUTSIDE AIR DOCUMENTED IN THE CALCULATION SUMMARY ABOVE IS BASED ON CALCULATIONS RESULTING FROM ASHRAE STANDARD 62.1-2016. THESE CALCULATIONS ARE ATTACHED TO THE ENERGY EFFICIENCY CODE FORMS.

### HVAC OUTSIDE AIR CALCULATION: APARTMENTS

| TYPICAL APARTMENT UNIT AREA (SQ FT) | NUMBER OF BEDROOMS |        |
|-------------------------------------|--------------------|--------|
|                                     | 0,1                | 2,3    |
| LESS THAN 1,500                     | 30 CFM             | 45 CFM |

NOTES:

- THE REQUIRED OUTSIDE AIR DOCUMENTED IN THE CALCULATION SUMMARY ABOVE IS BASED ON CALCULATIONS RESULTING FROM ASHRAE STANDARD 62.2-2016.

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ISSUE DATE

|                             |            |
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| DESIGN DEVELOPMENT          | 3/25/2022  |
| 100% CONSTRUCTION DOCUMENTS | 6/28/2022  |
| INTERVIEW REVIEW            | 07/27/2022 |
| BID ISSUE                   | 08/12/2022 |

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CHECKED BY: MC

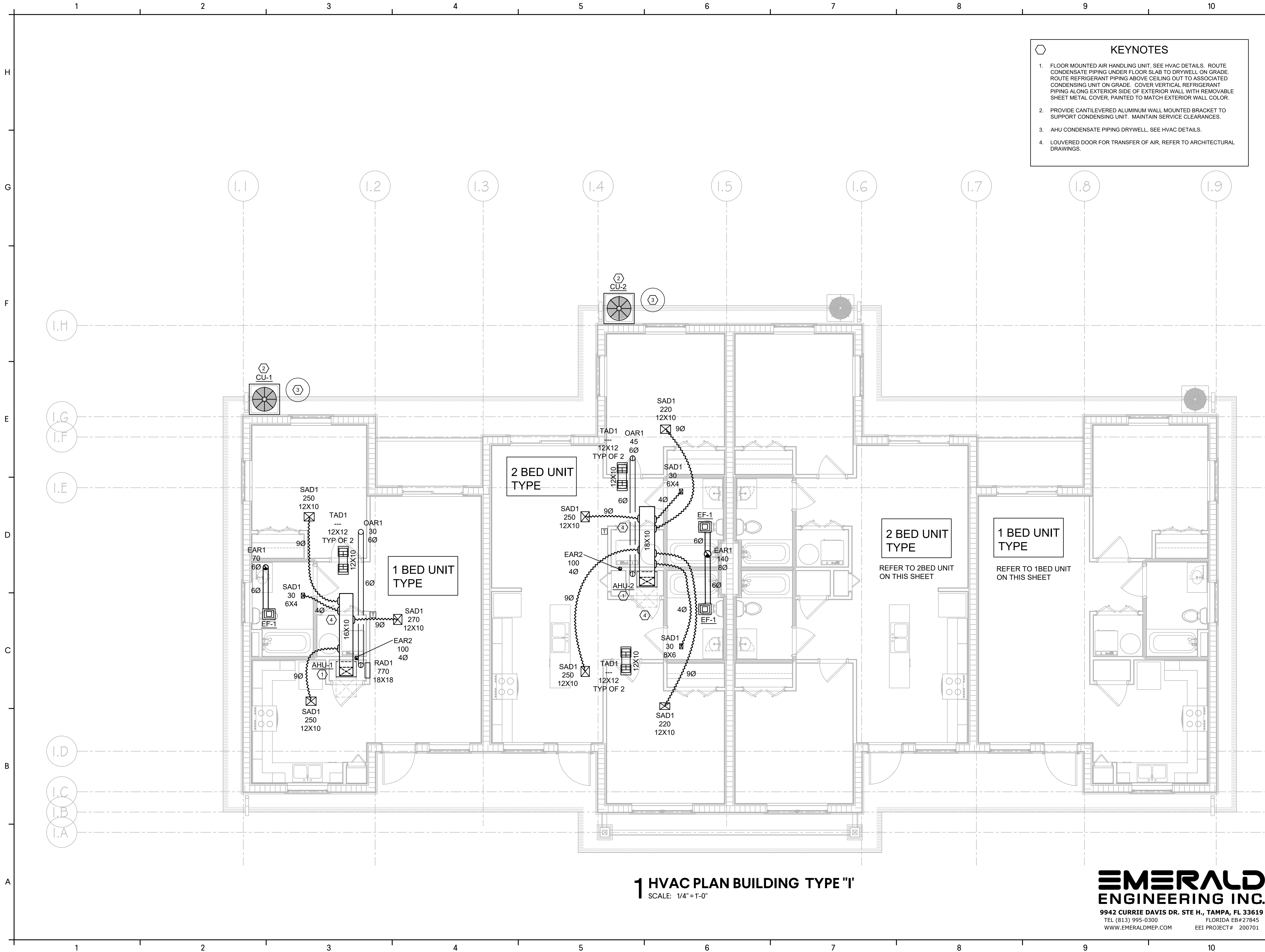
NOTES, LEGENDS, AND ABBREVIATIONS

M000

MAGNOLIA OAKS  
7240 & 7398  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

FL REG. NO. PE81436  
MICHAEL A. COSTELLO, PE





**1 HVAC PLAN BUILDING TYPE "I"**  
SCALE: 1/4" = 1'-0"

**EMERALD**  
**ENGINEERING INC.**  
9942 CURRIE DAVIS DR. STE H., TAMPA, FL 33619  
TEL (813) 995-0300 FLORIDA EB#27845  
WWW.EMERALDMEP.COM EEI PROJECT# 200701

**HVAC PLAN**  
**BUILDING TYPE "I"**

**M111**

**MAGNOLIA OAKS**  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

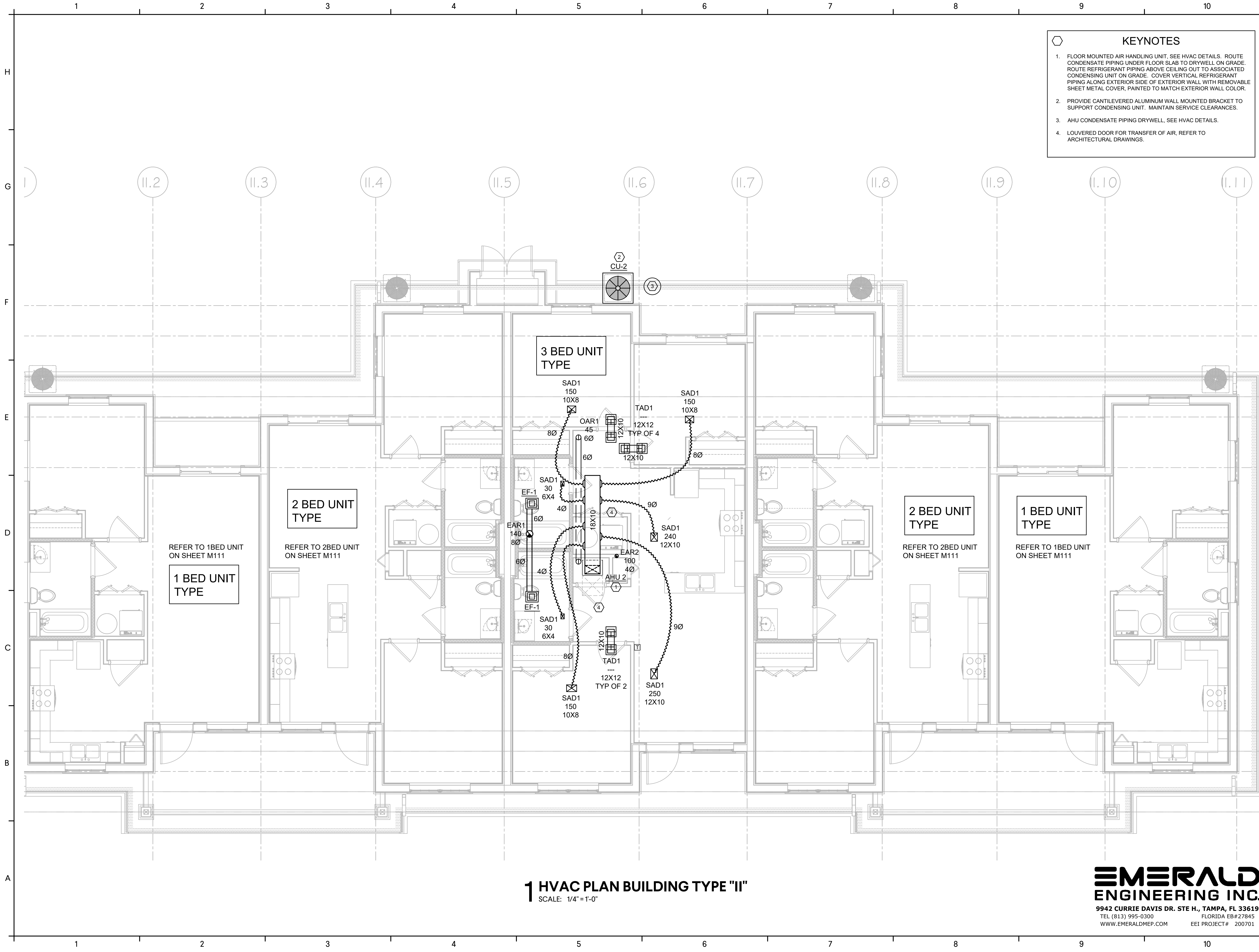
FL REG. NO. PE81436  
MICHAEL A. COSTELLO, PE

| ISSUE                       | DATE       |
|-----------------------------|------------|
| DESIGN DEVELOPMENT          | 3/25/2022  |
| 100% CONSTRUCTION DOCUMENTS | 6/28/2022  |
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HVAC PLAN  
BUILDING TYPE "II"

M112

MAGNOLIA OAKS  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

FL REG. NO. PE81436  
MICHAEL A. COSTELLO, PE

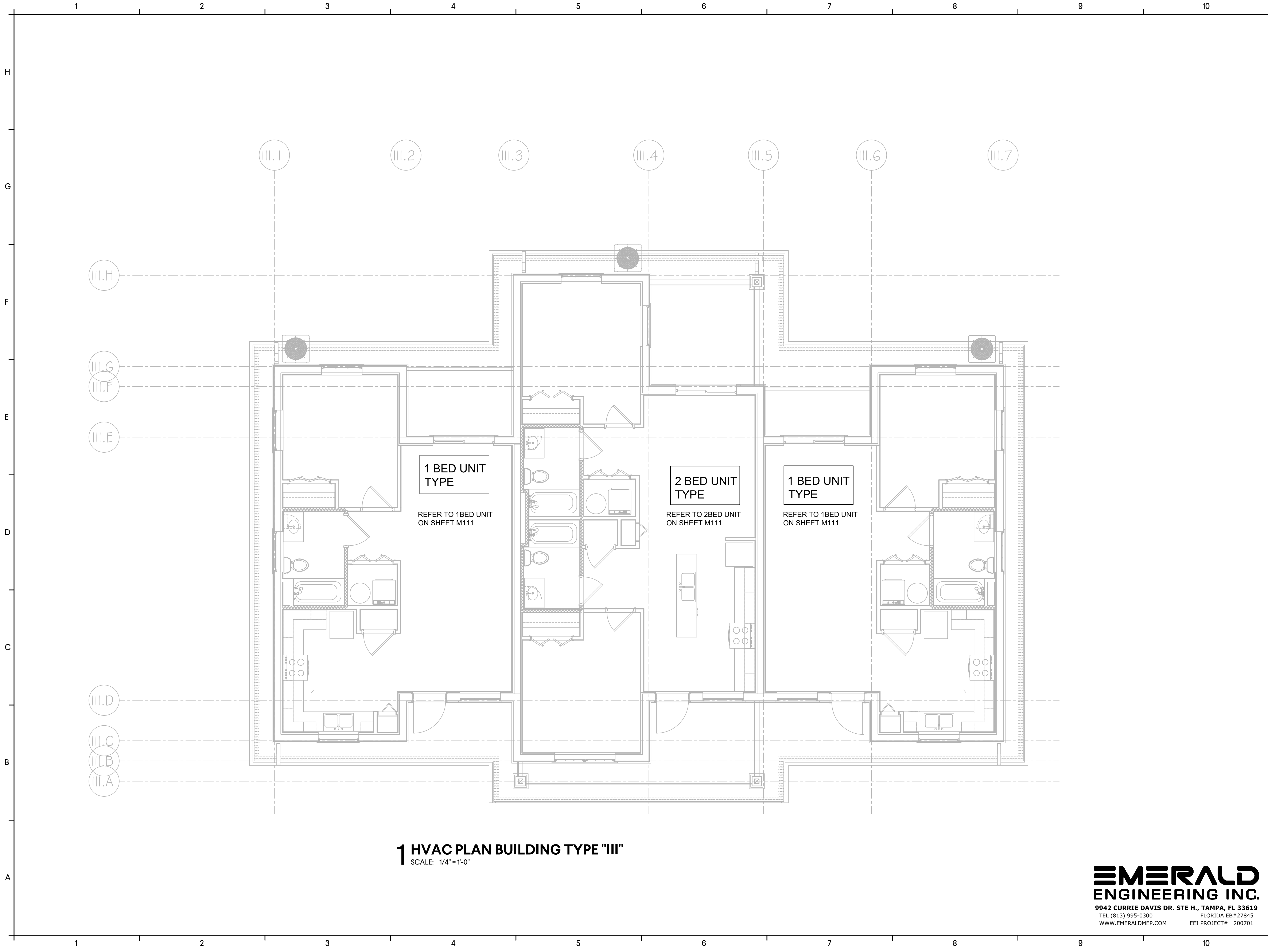
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| ISSUE                       | DATE       |
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| DESIGN DEVELOPMENT          | 3/25/2022  |
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| INTERVEST REVIEW            | 07/27/2022 |
| BID ISSUE                   | 08/12/2022 |
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**1 HVAC PLAN BUILDING TYPE "III"**  
SCALE: 1/4" = 1'-0"

**EMERALD**  
**ENGINEERING INC.**  
9942 CURRIE DAVIS DR. STE H., TAMPA, FL 33619  
TEL (813) 995-0300    FLORIDA EB#27845  
WWW.EMERALDMEP.COM    EEI PROJECT# 200701

**HVAC PLAN**  
**BUILDING TYPE "III"**

**M113**

**MAGNOLIA OAKS**  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

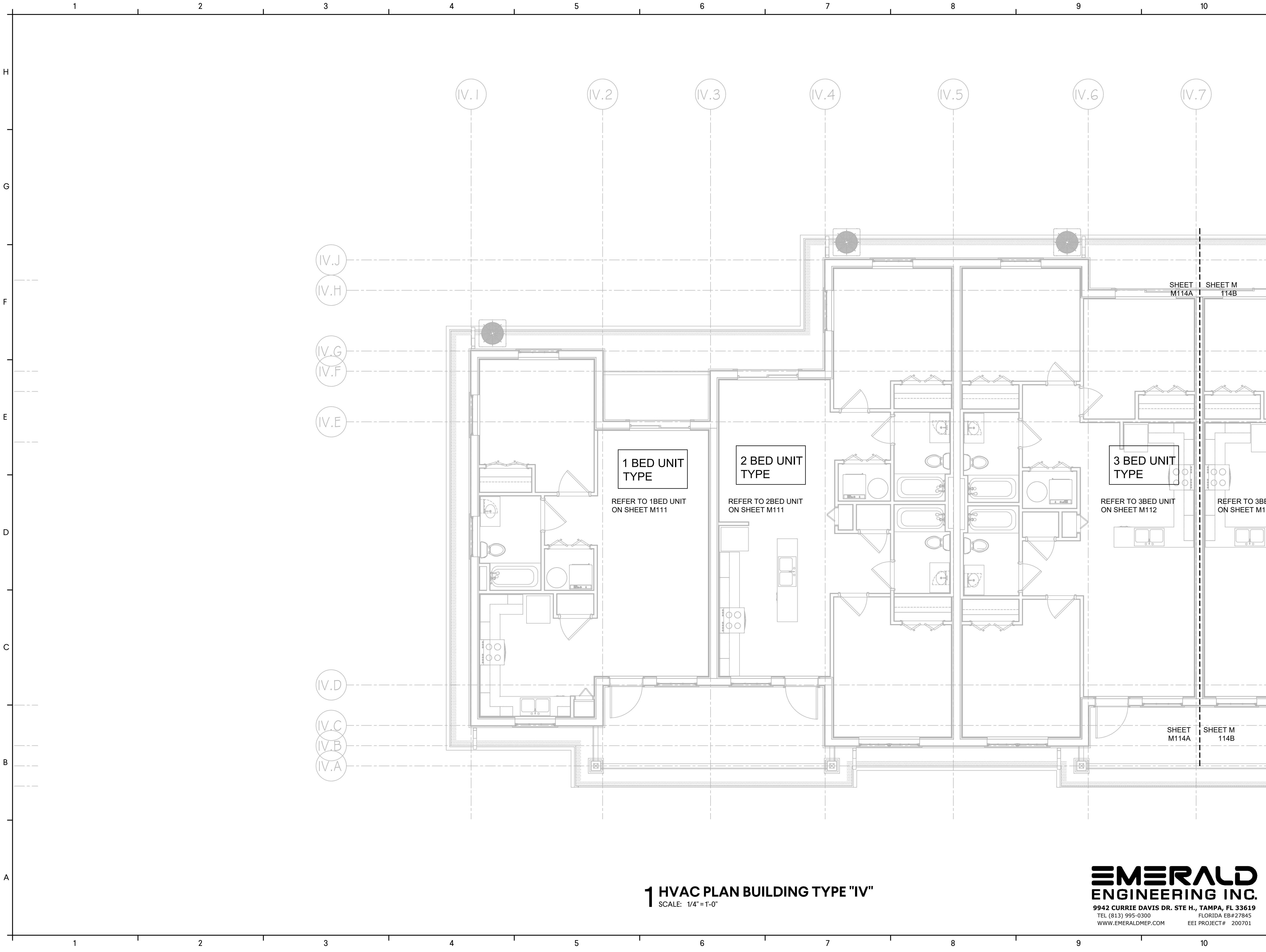
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| ISSUE                       | DATE       |
|-----------------------------|------------|
| DESIGN DEVELOPMENT          | 3/25/2022  |
| 100% CONSTRUCTION DOCUMENTS | 6/28/2022  |
| INTEREST REVIEW             | 07/27/2022 |
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HVAC PLAN  
BUILDING TYPE "IV"

M114-A

MAGNOLIA OAKS  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

FL REG. NO. PE81436  
MICHAEL A. COSTELLO, PE

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| ISSUE                       | DATE       |
|-----------------------------|------------|
| DESIGN DEVELOPMENT          | 3/25/2022  |
| 100% CONSTRUCTION DOCUMENTS | 6/28/2022  |
| INTERVEST REVIEW            | 07/27/2022 |
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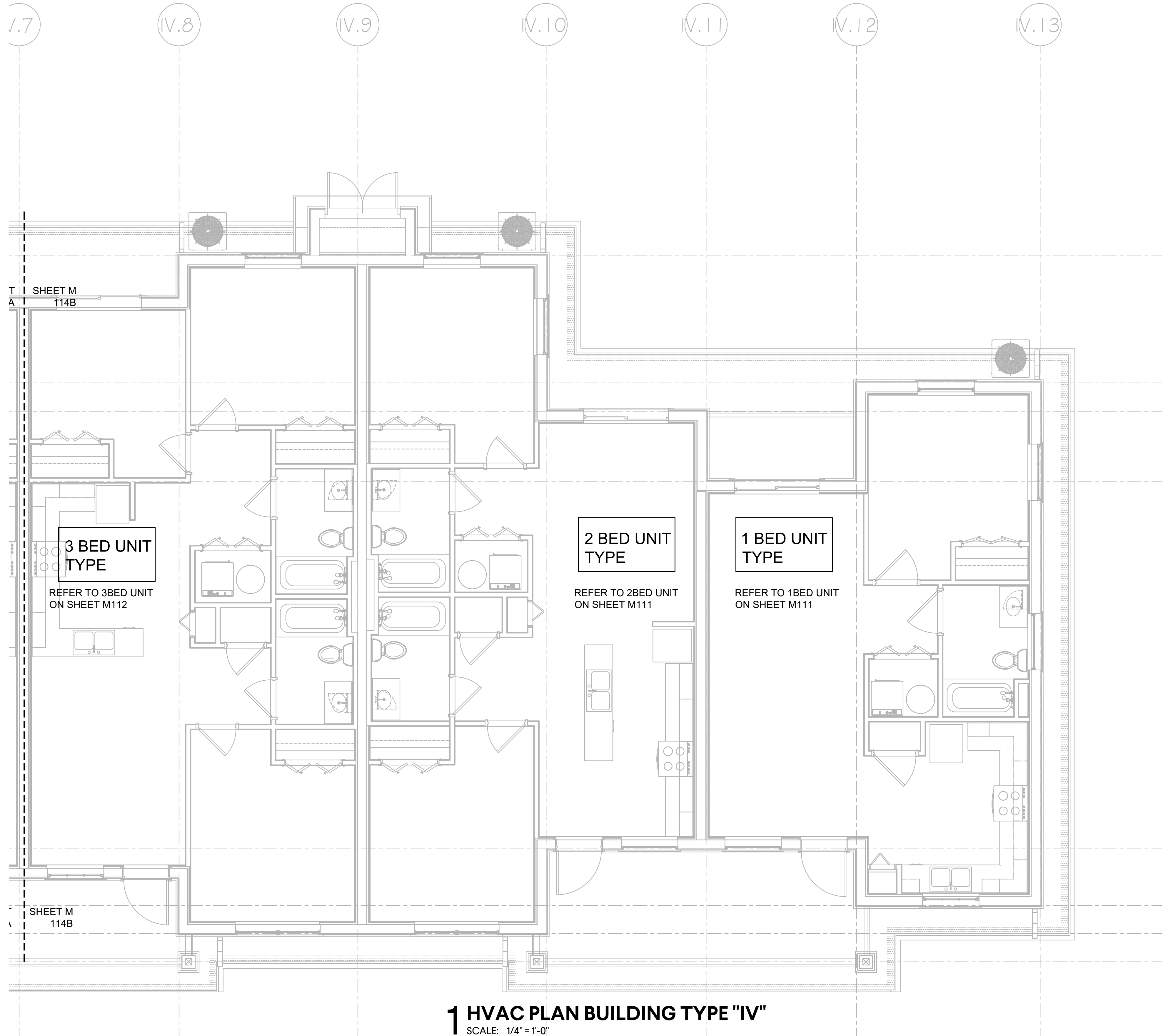
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ENGINEERING INC.

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FLORIDA EB#27845  
EEI PROJECT# 200701



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**1 HVAC PLAN BUILDING TYPE "IV"**  
SCALE: 1/4" = 1'-0"

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ENGINEERING INC.  
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TEL (813) 995-0300 FLORIDA EB#27845  
WWW.EMERALDMEP.COM EEI PROJECT# 200701

HVAC PLAN  
BUILDING TYPE "IV"

**M114-B**

MAGNOLIA OAKS  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

FL REG. NO. PE81436  
MICHAEL A. COSTELLO, PE

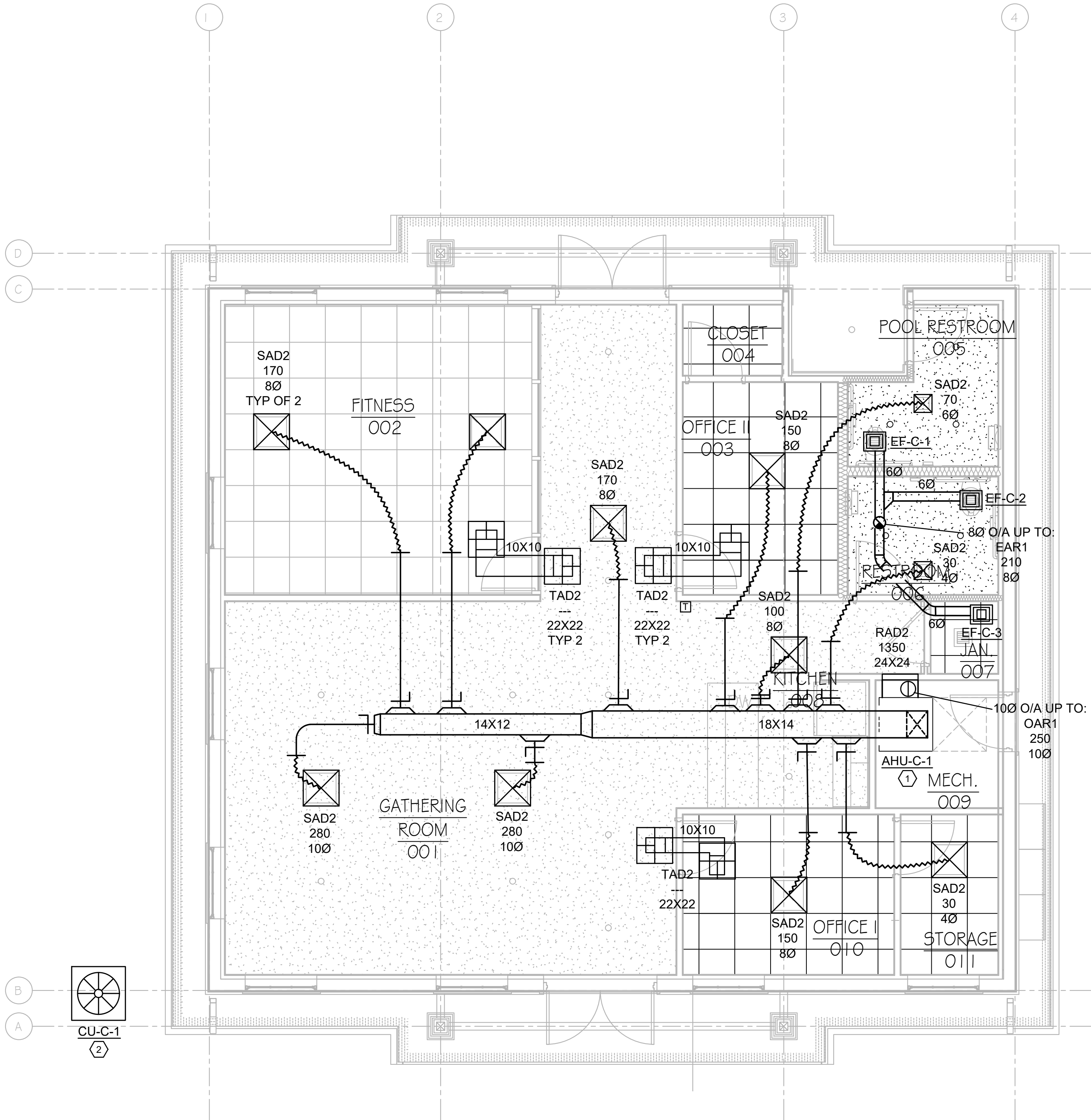
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**1 HVAC PLAN - CLUBHOUSE**  
SCALE: 1/4" = 1'-0"

- KEYNOTES
1.

FLOOR MOUNTED AIR HANDLING UNIT, SEE HVAC DETAILS. ROUTE CONDENSATE PIPING UNDER FLOOR SLAB TO DRYWELL ON GRADE. ROUTE REFRIGERANT PIPING ABOVE CEILING OUT TO ASSOCIATED CONDENSING UNIT ON GRADE. COVER VERTICAL REFRIGERANT PIPING ALONG EXTERIOR SIDE OF EXTERIOR WALL WITH REMOVABLE SHEET METAL COVER, PAINTED TO MATCH EXTERIOR WALL COLOR.
2.

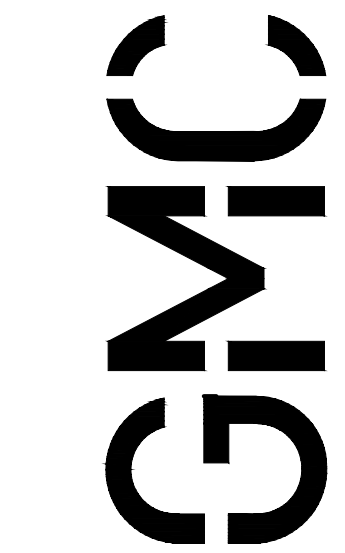
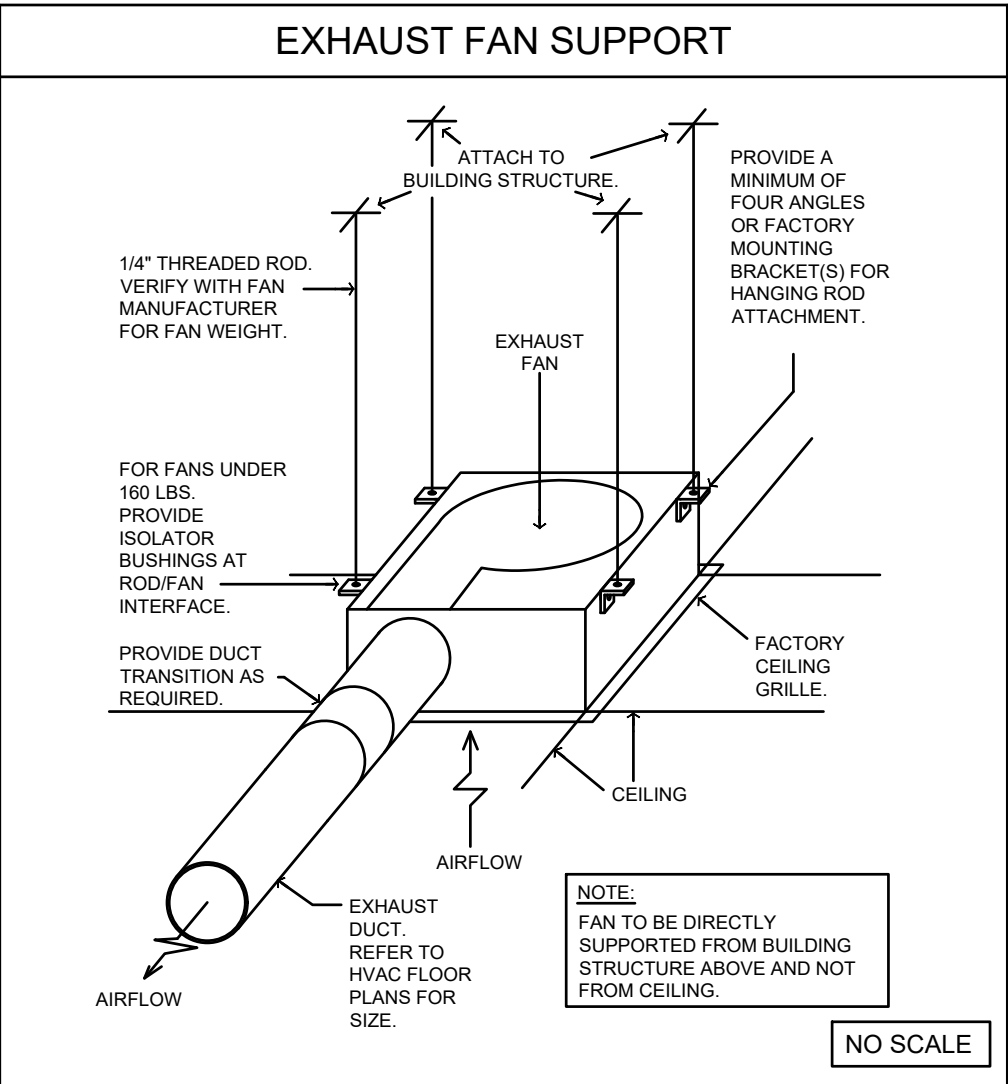
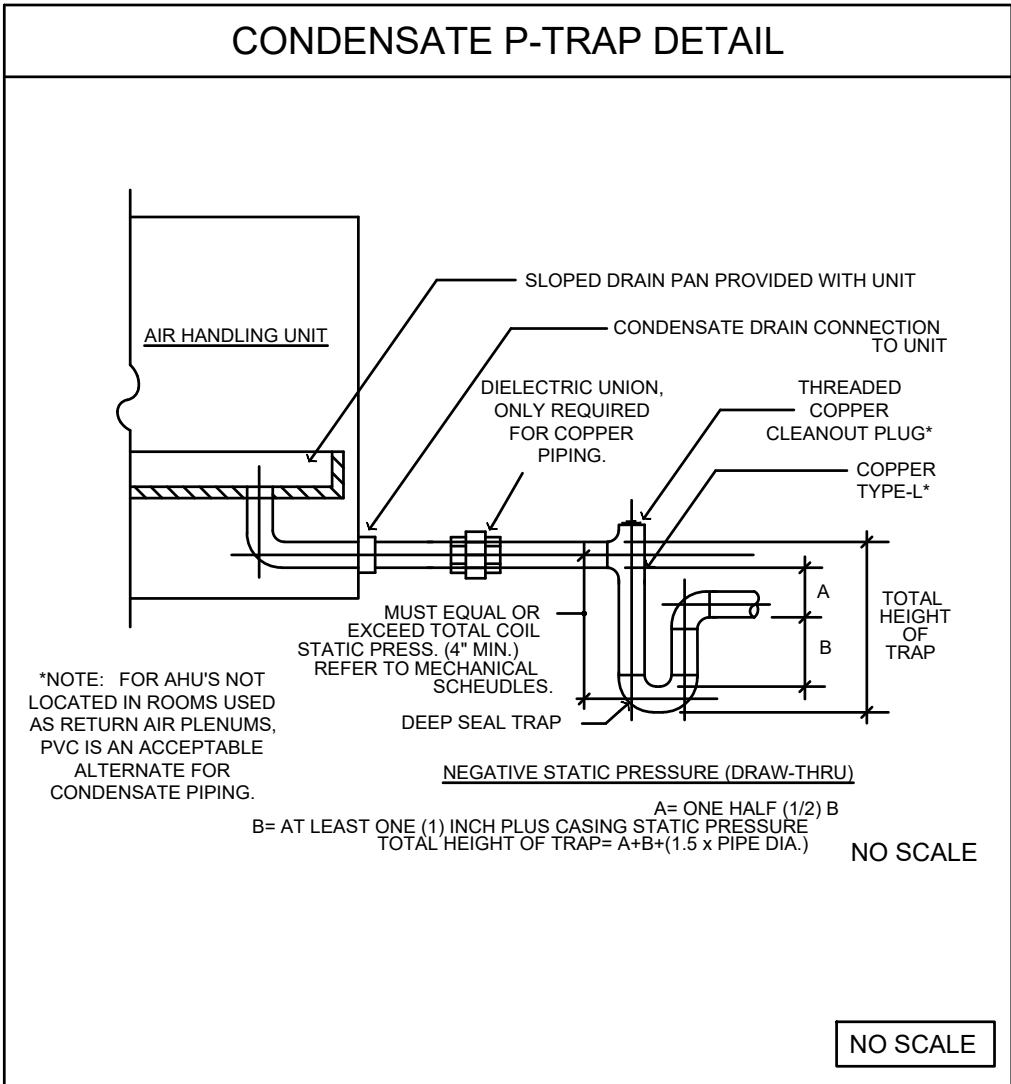
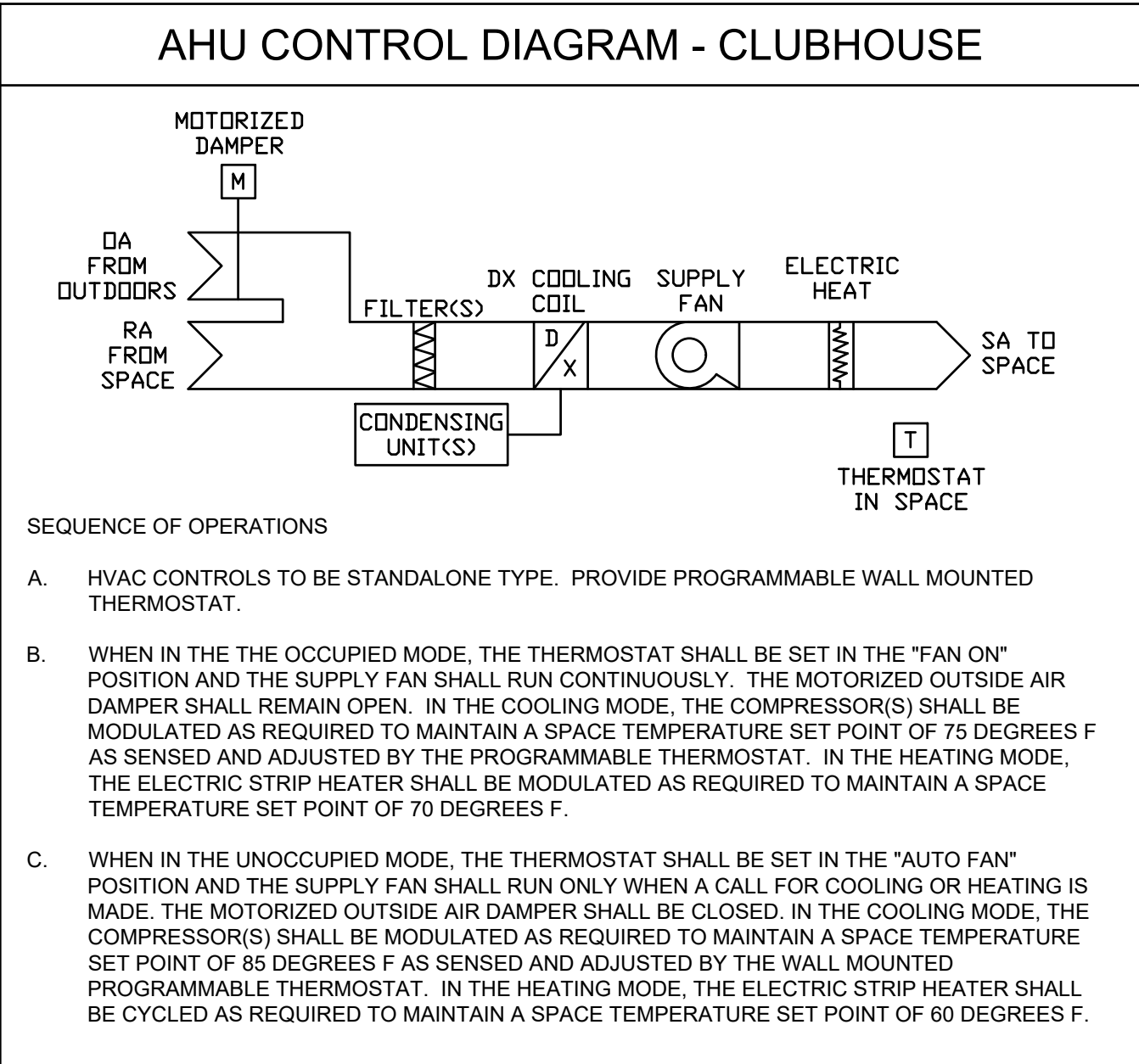
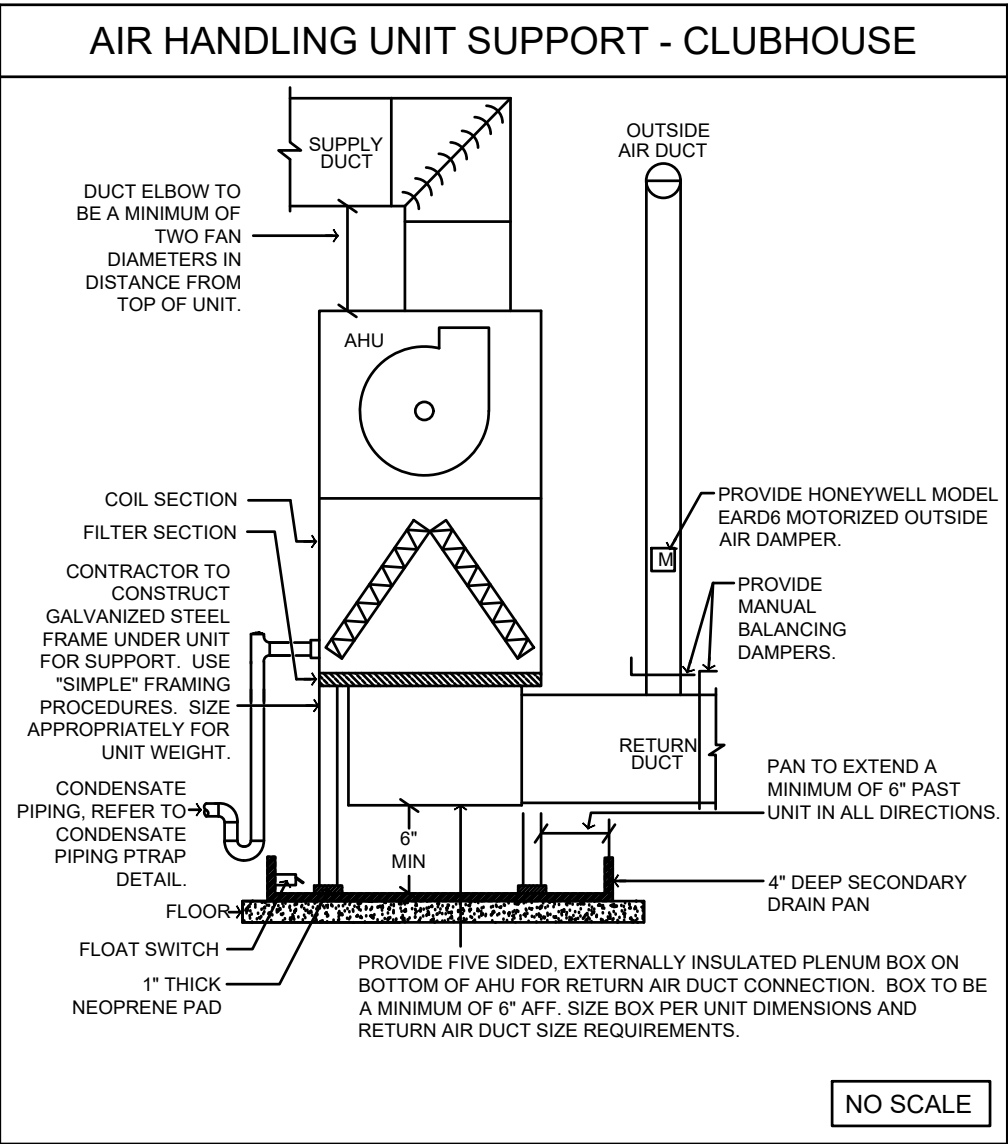
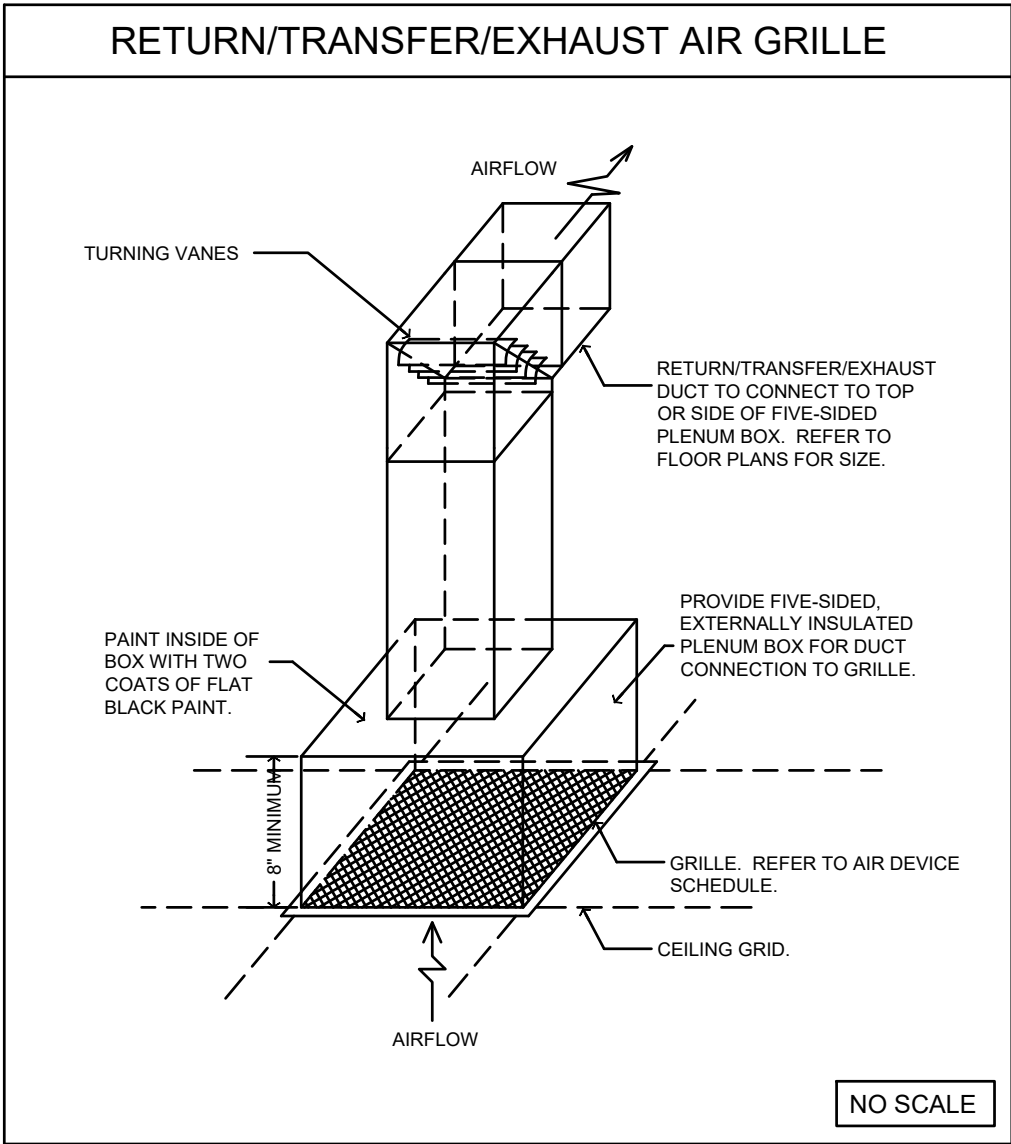
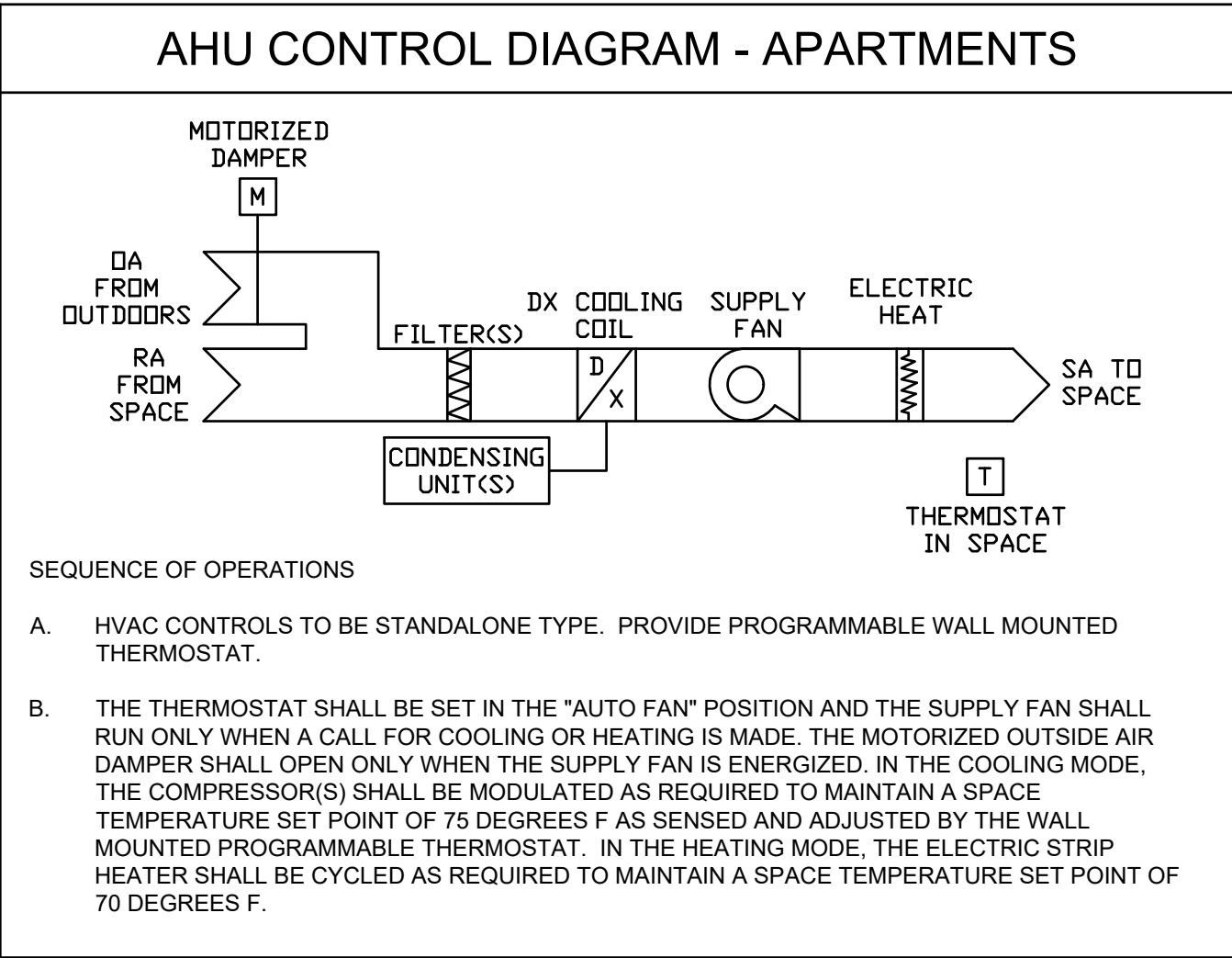
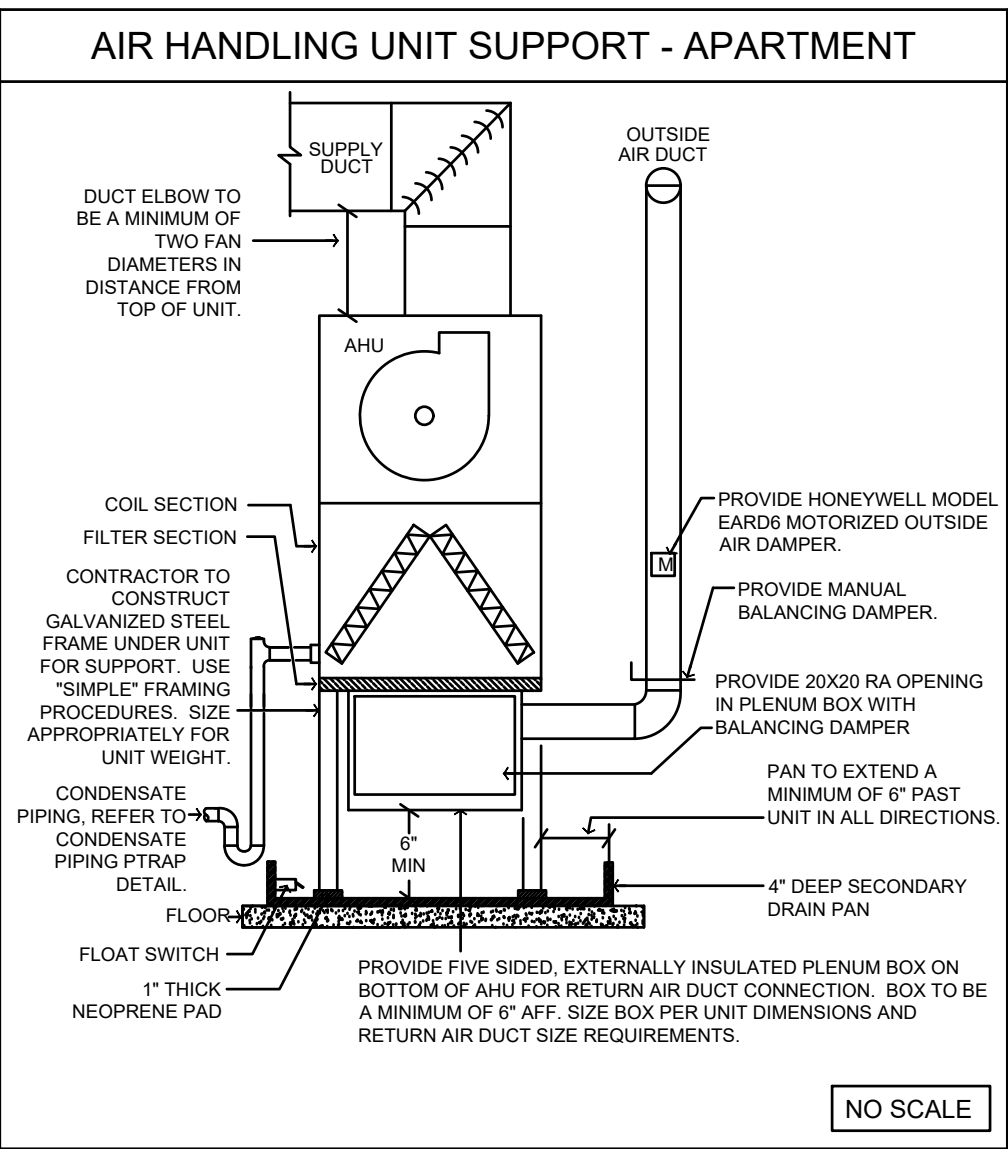
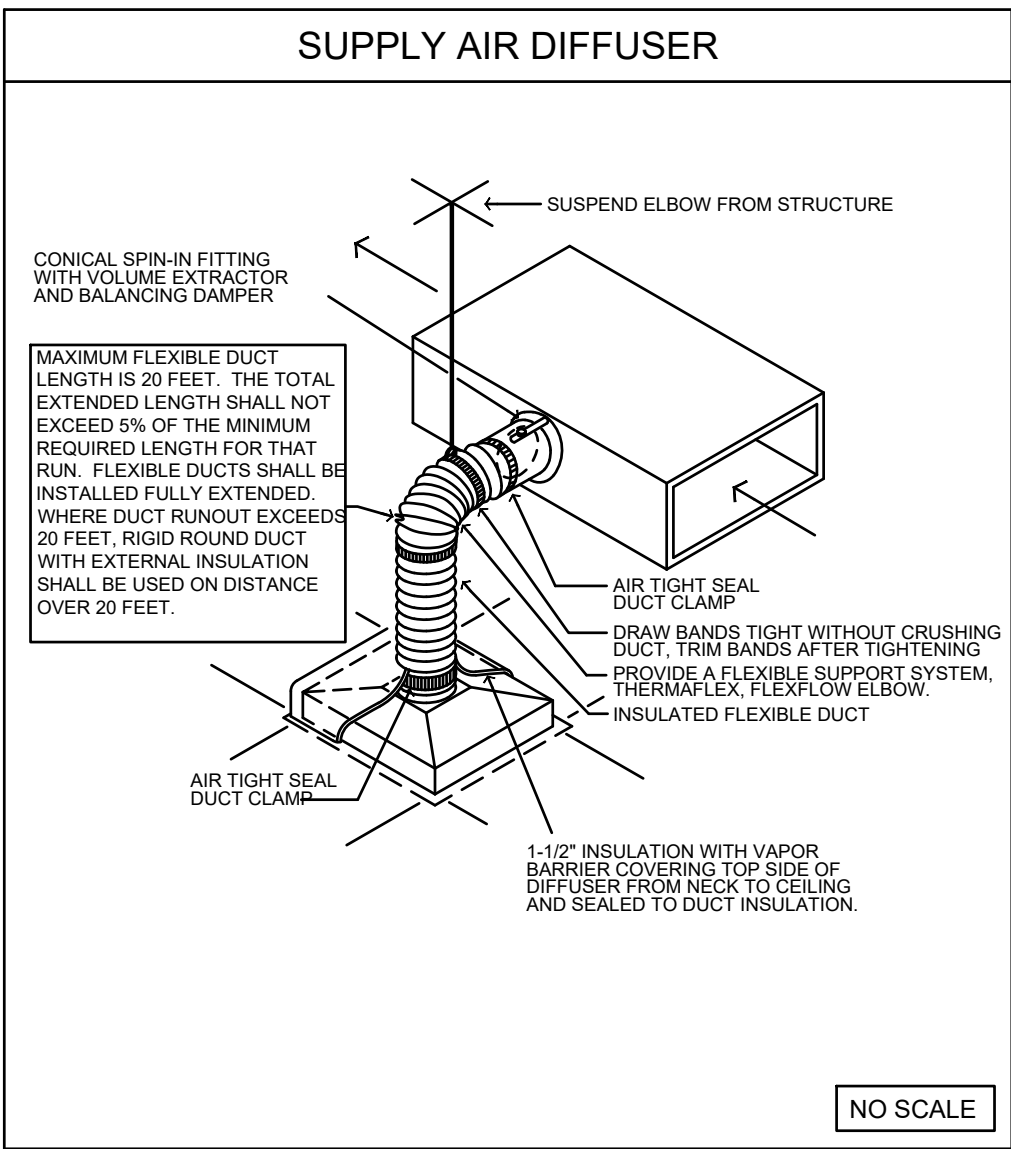
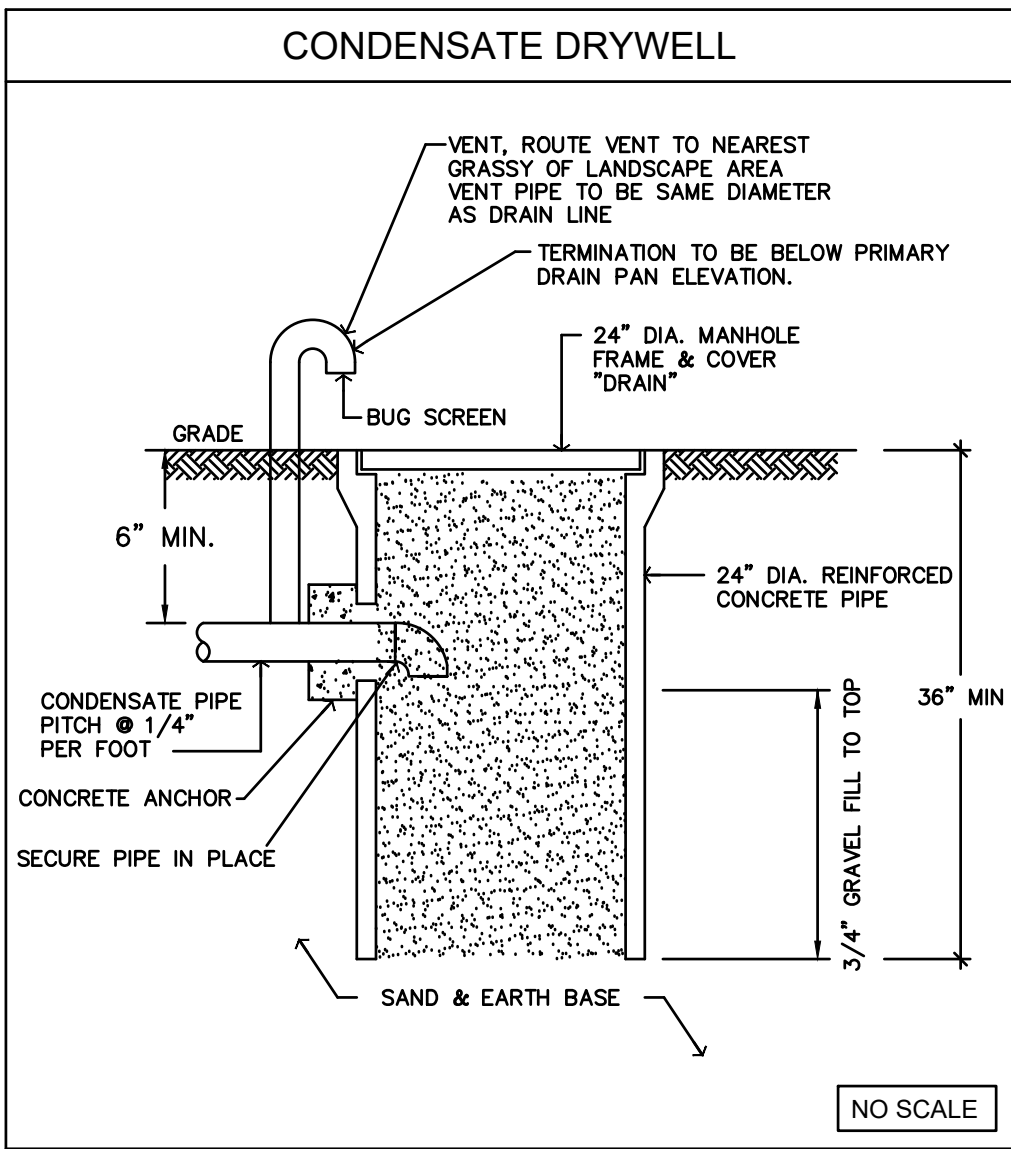
PROVIDE 4" THICK CONCRETE PAD UNDER CONDENSING UNIT FOR SUPPORT. PAD TO EXTEND 6" PAST UNIT IN ALL DIRECTIONS.
3.

AHU CONDENSATE PIPING DRYWELL, SEE HVAC DETAILS.

| ISSUE                       | DATE       |
|-----------------------------|------------|
| DESIGN DEVELOPMENT          | 3/25/2022  |
| 100% CONSTRUCTION DOCUMENTS | 6/28/2022  |
| INTERVEST REVIEW            | 07/27/2022 |
| BID ISSUE                   | 08/12/2022 |
| DRAWN BY:                   | AM         |
| CHECKED BY:                 | MC         |



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| ISSUE                       | DATE       |
|-----------------------------|------------|
| DESIGN DEVELOPMENT          | 3/25/2022  |
| 100% CONSTRUCTION DOCUMENTS | 6/28/2022  |
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MAGNOLIA OAKS  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

FL REG. NO. PE81436  
MICHAEL A. COSTELLO, PE

MECHANICAL  
DETAILS

M501

**EMERALD  
ENGINEERING INC.**  
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FLORIDA EB#27845  
EEI PROJECT# 200701

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| AIR DEVICE SCHEDULE  |                      |                        |                 |                                |                 |                                |             |             |                  |
|--|----------------------|------------------------|-----------------|--------------------------------|-----------------|--------------------------------|-------------|-------------|------------------|
| AIR DEVICE TAG   | SAD1                 | SAD2                   | RAD1            | RAD2                           | TAD1            | TAD2                           | OAR1        | EAR1        | EAR2             |
| SERVICE TYPE   | SUPPLY AIR           | SUPPLY AIR             | RETURN AIR      | RETURN AIR                     | TRANSFER AIR    | TRANSFER AIR                   | OUTSIDE AIR | EXHAUST AIR | EXHAUST AIR      |
| DESCRIPTION  | CURVED VANE DIFFUSER | SQUARE PLAQUE DIFFUSER | LOUVERED GRILLE | LOUVERED GRILLE (MINUS FILTER) | LOUVERED GRILLE | LOUVERED GRILLE (MINUS FILTER) | ROOF CAP    | ROOF CAP    | LAUNDRY ROOF CAP |
| NECK   | RECTANGULAR          | ROUND                  | RECTANGULAR     | RECTANGULAR                    | RECTANGULAR     | RECTANGULAR                    | ROUND       | ROUND       | ROUND            |
| AIR FLOW PATTERN   | 3-WAY                | 4-WAY                  | 1-WAY           | 1-WAY                          | 1-WAY           | 1-WAY                          | 4-WAY       | 4-WAY       | 4-WAY            |
| BLADES/VANES   | ADJUSTABLE           | FIXED                  | FIXED           | FIXED                          | FIXED           | FIXED                          | NONE        | NONE        | NONE             |
| MATERIAL   | ALUMINUM             | ALUMINUM               | ALUMINUM        | ALUMINUM                       | ALUMINUM        | ALUMINUM                       | ALUMINUM    | ALUMINUM    | ALUMINUM         |
| FINISH   | WHITE                | WHITE                  | WHITE           | WHITE                          | WHITE           | WHITE                          | NONE        | NONE        | NONE             |
| DAMPER   | OPPOSED BLADE        | RADIAL                 | NONE            | OPPOSED BLADE                  | NONE            | NONE                           | NONE        | NONE        | NONE             |
| MANUFACTURER   | PRICE                | PRICE                  | PRICE           | PRICE                          | PRICE           | PRICE                          | COOK        | COOK        | COOK             |
| MODEL  | ACVD                 | ASPD                   | 630             | 630FF                          | 630             | 630FF                          | PR          | PR          | PR               |
| NOTES  | 1,2,4                | 1,2,4                  | 1,2             | 1,2,3                          | 1,2             | 1,2,3                          | 1,2,5,6     | 1,2,5,6     | 1,2,6            |
| NOTES:<br>1. PROVIDE FRAMES/FLANGES AS REQUIRED FOR CEILING/WALL CONSTRUCTION AND AS SELECTED BY ARCHITECT.<br>2. AIR DEVICE TO BE SELECTED AT A MAXIMUM NOISE CRITERIA OF 25 NC.<br>3. FACE OF AIR DEVICE TO BE HINGED AND CAPABLE TO FLIP DOWN FOR INTERNAL CLEANING.<br>4. PROVIDE MANUAL BALANCING DAMPER WHICH IS ADJUSTABLE FROM FACE OF AIR DEVICE.<br>5. PROVIDE REMOVABLE BIRD SCREEN.<br>6. PROVIDE ROOF CURB. |                      |                        |                 |                                |                 |                                |             |             |                  |

| DIRECT EXPANSION SPLIT SYSTEM SCHEDULE |             |             |             |             |
|--|-------------|-------------|-------------|-------------|
| AIR HANDLING UNIT TAG                  | -           | AHU-1       | AHU-2       | AHU-C-1     |
| DX COOLING COIL                        |             |             |             |             |
| LOCATION                               | -           | BEFORE FAN  | BEFORE FAN  | BEFORE FAN  |
| NOMINAL TONNAGE                        | TONS        | 2           | 2.5         | 4           |
| TOTAL CAPACITY                         | BTUH        | 23,425      | 27,200      | 46,250      |
| SENSIBLE CAPACITY                      | BTUH        | 19,267      | 22,950      | 38,966      |
| LATENT CAPACITY                        | BTUH        | 4,158       | 4,250       | 7,284       |
| ENT. AIR TEMP (DB/WB)                  | DEG F/DEG F | 75.0/62.5   | 75.0/62.5   | 75.0/62.5   |
| LVG. AIR TEMP (DB/WB)                  | DEG F/DEG F | 52.3/52.0   | 53.4/52.8   | 52.1/52.1   |
| COOLING COIL (MAX/MAX)                 | ROWS/FPI    | 3/12        | 3/12        | 3/12        |
| COOLING COIL MAX FACE VELOCITY         | FPM         | 500         | 500         | 500         |
| COOLING COIL MAX PRESS. DROP           | IN WG       | 0.35        | 0.35        | 0.35        |
| ELECTRIC STRIP HEATER                  |             |             |             |             |
| LOCATION                               | -           | AFTER FAN   | AFTER FAN   | AFTER FAN   |
| TOTAL CAPACITY                         | KW/STEPS    | 4/1         | 5/1         | 8/1         |
| ENT. AIR TEMP (DB)                     | DEG F       | 70          | 70          | 70          |
| LVG. AIR TEMP (DB)                     | DEG F       | 85.8        | 85.8        | 85.8        |
| SUPPLY AIR FLOW                        | CFM         | 800         | 1,000       | 1,600       |
| RETURN AIR FLOW                        | CFM         | 770         | 955         | 1,350       |
| OUTSIDE AIR FLOW                       | CFM         | 30          | 45          | 250         |
| FILTRATION                             | MERV        | 8           | 8           | 8           |
| FILTRATION MAX FACE VELOCITY           | FPM         | 250         | 250         | 250         |
| EXTERNAL STATIC PRESSURE               | IN WG       | 0.5         | 0.5         | 0.5         |
| TOTAL STATIC PRESSURE                  | IN WG       | 0.5         | 0.5         | 0.5         |
| DRIVE TYPE                             | -           | DIRECT      | DIRECT      | DIRECT      |
| EVAPORATOR FAN TYPE                    | -           | CONSTANT    | CONSTANT    | CONSTANT    |
| EVAPORATOR FAN MOTOR                   | HP/BHP      | 0.5/0.5     | 0.5/0.5     | 1.0/1.0     |
| EVAPORATOR FAN SPEED                   | ---         | MEDIUM-HIGH | MEDIUM      | MEDIUM      |
| UNIT MCA                               | AMPS        | 26          | 31          | 51          |
| UNIT MOCF                              | AMPS        | 30          | 35          | 60          |
| VOLTAGE                                | V/PH/Hz     | 240/1/60    | 240/1/60    | 240/1/60    |
| WEIGHT                                 | LBS         | 148         | 159         | 194         |
| MANUFACTURER                           | -           | LENNOX      | LENNOX      | LENNOX      |
| MODEL                                  | -           | CBX27UH-024 | CBX27UH-030 | CBX27UH-048 |
| AHU NOTES                              | -           | ALL         | ALL         | ALL         |

AHU NOTES:

1. POTENTIAL BIDDING MANUFACTURERS SHALL PROVIDE IN THEIR SUBMITTAL A COPY OF THIS SCHEDULE WITH THEIR PROPOSED VALUES FOR REVIEW BY ENGINEER. SUBMITTAL SHALL BE REJECTED IF THIS SCHEDULE IS MISSING. CONTACT ENGINEER FOR BLANK SCHEDULE.
2. PROVIDE STRAIGHT COOL SYSTEM.
3. PROVIDE SINGLE POINT POWER CONNECTION.
4. DISCONNECT PROVIDED BY ELECTRICAL CONTRACTOR.
5. PROVIDE SINGLE WALL UNIT WITH FOIL FACED INSULATION.
6. PROVIDE REMOTE MOUNTED PROGRAMMABLE THERMOSTAT, 24 HOUR/7-DAY TYPE.
7. PROVIDE IAQ TYPE DRAIN PAN, POSITIVELY SLOPED IN TWO DIRECTIONS.

| CONDENSING UNIT TAG   | -       | CU-1      | CU-2      | CU-C-1    |
|-----------------------|---------|-----------|-----------|-----------|
| NOMINAL TONNAGE       | TONS    | 2         | 2.5       | 4         |
| NO. OF COMPRESSORS    | -       | 1         | 1         | 1         |
| NO. OF CONDENSER FANS | -       | 1         | 1         | 1         |
| EER                   | -       | 13        | 13        | 12        |
| SEER                  | -       | 16        | 16        | 15        |
| REFRIGERANT TYPE      | -       | R-410A    | R-410A    | R-410A    |
| UNIT MCA              | AMPS    | 15        | 17.2      | 26.6      |
| UNIT MOCAP            | AMPS    | 25        | 25        | 45        |
| VOLTAGE               | V/PH/Hz | 240/1/60  | 240/1/60  | 240/1/60  |
| WEIGHT                | LBS     | 158       | 171       | 228       |
| MANUFACTURER          | -       | LENNOX    | LENNOX    | LENNOX    |
| MODEL                 | -       | 14ACX-024 | 14ACX-030 | 14ACX-048 |
| CU NOTES              | -       | ALL       | ALL       | ALL       |

C/U NOTES:

1. POTENTIAL BIDDING MANUFACTURERS SHALL PROVIDE IN THEIR SUBMITTAL A COPY OF THIS SCHEDULE WITH THEIR PROPOSED VALUES FOR REVIEW BY ENGINEER. SUBMITTAL SHALL BE REJECTED IF THIS SCHEDULE IS MISSING. CONTACT ENGINEER FOR BLANK SCHEDULE.
2. PROVIDE SINGLE POINT POWER CONNECTION.
3. DISCONNECT PROVIDED BY ELECTRICAL CONTRACTOR.
4. PROVIDE CONDENSER COIL GUARDS.

| FAN SCHEDULE             |         |              |              |
|--------------------------|---------|--------------|--------------|
| FAN TAG                  | -       | EF-1         | EF-C-1,2,3   |
| SERVICE TYPE             | -       | EXHAUST AIR  | EXHAUST AIR  |
| AIR FLOW - MAXIMUM       | CFM     | 70           | 70           |
| EXTERNAL STATIC PRESSURE | IN WG   | 0.5          | 0.5          |
| FAN TYPE                 | -       | CEILING      | CEILING      |
| DRIVE TYPE               | -       | DIRECT       | DIRECT       |
| MOTOR                    | HP      | -            | -            |
| MOTOR                    | WATTS   | 6            | 6            |
| SPEED                    | RPM     | 838          | 838          |
| SOUND                    | SONES   | 2            | 2.0          |
| VOLTAGE                  | V/PH/Hz | 120/1/60     | 120/1/60     |
| WEIGHT                   | LBS     | 12           | 12           |
| MANUFACTURER             | -       | GREENHECK    | GREENHECK    |
| MODEL                    | -       | SP-A50-90-VG | SP-A50-90-VG |
| NOTES                    | -       | 1,2,3,4,5    | 1,2,3,4,6    |

NOTES:

1. PROVIDE FACTORY DISCONNECT/STARTER.
2. PROVIDE WHITE ALUMINUM GRILLE.
3. PROVIDE BACKDRAFT DAMPER.
4. PROVIDE SOLID STATE SPEED CONTROLLER.
5. SEPARATE WALL SWITCH PROVIDED BY ELECTRICAL CONTRACTOR.
6. PROVIDE OCCUPANCY SENSOR AND TEN MINUTE TIME DELAY SWITCH



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## SCHEDULES

## MAGNOLIA OAKS

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| 3/25/2022 | 3/25/2022 |
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| CTION | 6/28/202 |
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|--|---|
|  | <p>             1. <i>Chlorophyll a</i> (mg/g)<br/>             2. <i>Chlorophyll b</i> (mg/g)<br/>             3. <i>Chlorophyll c</i> (mg/g)<br/>             4. <i>Chlorophyll d</i> (mg/g)<br/>             5. <i>Chlorophyll e</i> (mg/g)           </p> |
|  | <p>             1. <i>Chlorophyll a</i> (mg/g)<br/>             2. <i>Chlorophyll b</i> (mg/g)<br/>             3. <i>Chlorophyll c</i> (mg/g)<br/>             4. <i>Chlorophyll d</i> (mg/g)<br/>             5. <i>Chlorophyll e</i> (mg/g)           </p> |

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| OWN BY: | AM |
| VED BY: | MC |

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| REC'D BT. | IMC |
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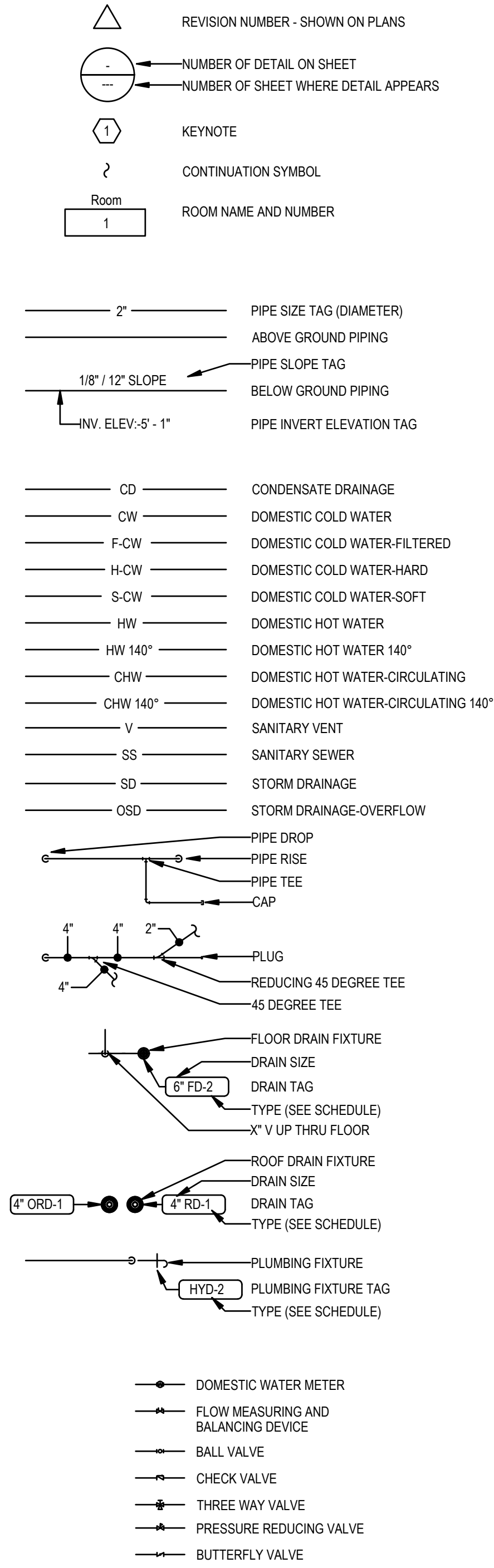
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PLUMBING ABBREVIATIONS

|        |                              |
|--------|------------------------------|
| ABV    | ABOVE                        |
| ACOUS  | ACOUSTICAL                   |
| ADD    | ADDENDUM                     |
| ADDL   | ADDITIONAL                   |
| AFF    | ABOVE FINISHED FLOOR         |
| ALT    | ALTERNATE                    |
| ALUM   | ALUMINUM                     |
| AP     | ACCESS PANEL                 |
| APPROX | APPROXIMATE                  |
| ARCH   | ARCHITECT/ARCHITECTURAL      |
| AUTO   | AUTOMATIC                    |
| BFF    | BELOW FINISHED FLOOR         |
| BLDG   | BUILDING                     |
| BTU    | BRITISH THERMAL UNITS        |
| CAP    | CAPACITY                     |
| CLG    | CEILING                      |
| CO     | CLEAN OUT                    |
| COL    | COLUMN                       |
| COMB   | COMBINATION                  |
| CONC   | CONCRETE                     |
| COND   | CONDENSATE                   |
| CONN   | CONNECT                      |
| CONST  | CONSTRUCTION                 |
| CONTR  | CONTRACT/CONTRACTOR          |
| COORD  | COORDINATE                   |
| CTR    | CENTER                       |
| CV     | CHECK VALVE                  |
| CW     | COLD WATER                   |
| CW     | CLOCKWISE                    |
| DET    | DETAIL                       |
| DIA    | DIAMETER                     |
| DIV    | DIVISION                     |
| DN     | DOWN                         |
| DBP    | DOMESTIC WATER BOOSTER PUMP  |
| DWG    | DRAWING                      |
| EA     | EACH                         |
| ELEC   | ELECTRICAL                   |
| ELEV   | ELEVATION                    |
| EQ     | EQUAL                        |
| EQUIP  | EQUIPMENT                    |
| EXIST  | EXISTING                     |
| EXP    | EXPANSION                    |
| EXJ    | EXPANSION JOINT              |
| EXT    | EXTERIOR                     |
| FCO    | FLOOR CLEAN OUT              |
| FD     | FLOOR DRAIN                  |
| FL     | FLOOR                        |
| FLG    | FLANGE                       |
| FS     | FLOOR SINK                   |
| FT     | FOOT/FEET                    |
| FUT    | FUTURE                       |
| GA     | GAGE/GAUGE                   |
| GC     | GENERAL CONTRACTOR           |
| GENL   | GENERAL                      |
| GPH    | GALLONS PER MINUTE           |
| HB     | HOSE BIB                     |
| HD     | HEAD                         |
| HORZ   | HORIZONTAL                   |
| HP     | HORSE POWER                  |
| HTG    | HEATING                      |
| HW     | HOT WATER                    |
| HYD    | HYDRANT                      |
| ID     | INDIRECT                     |
| IN     | INCH                         |
| INSUL  | INSULATION                   |
| INT    | INTERIOR                     |
| INV    | INVERT                       |
| JT     | JOINT                        |
| LB     | POUND                        |
| LB/HR  | POUNDS PER HOUR              |
| LF     | LINEAL FOOT                  |
| LOC    | LOCATION                     |
| MAN    | MANUAL                       |
| MATL   | MATERIAL                     |
| MAV    | MANUAL AIR VENT              |
| MAX    | MAXIMUM                      |
| MBH    | ONE THOUSAND BTU PER HOUR    |
| MECH   | MECHANICAL                   |
| MFR    | MANUFACTURER                 |
| MIN    | MINIMUM                      |
| MISC   | MISCELLANEOUS                |
| MTR    | MOTOR                        |
| NC     | NORMALLY CLOSED              |
| NIC    | NOT IN CONTRACT              |
| NO     | NUMBER                       |
| NO     | NORMALLY OPEN                |
| NOM    | NOMINAL                      |
| NTS    | NOT TO SCALE                 |
| O      | OXYGEN                       |
| OF     | OVERFLOW                     |
| OPNG   | OPENING                      |
| ORD    | OVERFLOW ROOF DRAIN          |
| PD     | PRESSURE DROP                |
| PLBG   | PLUMBING                     |
| PRESS  | PRESSURE                     |
| PRV    | PRESSURE REDUCING VALVE      |
| PSI    | POUNDS PER SQUARE INCH       |
| PSIG   | POUNDS PER SQUARE INCH GAUGE |
| RD     | ROOF DRAIN                   |
| REC    | RECESSED                     |
| RED    | REDUCER                      |
| REQD   | REQUIRED                     |
| RM     | ROOM                         |
| RPM    | REVOLUTIONS PER MINUTE       |
| RW     | RAIN WATER                   |
| SF     | SQUARE FOOT                  |
| SAN    | SANITARY                     |
| SCHED  | SCHEDULE                     |
| SECT   | SECTION                      |
| SF     | SQUARE FOOT                  |
| SHT    | SHEET                        |
| SIM    | SIMILAR                      |
| SLV    | SLEEVE                       |
| SM     | SURFACE MOUNT                |
| SPEC   | SPECIFICATION                |
| SQ     | SQUARE                       |
| STD    | STANDARD                     |
| STRUCT | STRUCTURAL                   |
| SUCT   | SUCTION                      |
| SUSP   | SUSPENDED                    |
| TDR    | TRENCH DRAIN                 |
| TEMP   | TEMPERATURE                  |
| TYP    | TYPICAL                      |
| UG     | UNDERGROUND                  |
| VC     | VACUUM                       |
| VEL    | VELOCITY                     |
| VERT   | VERTICAL                     |
| VOL    | VOLUME                       |
| VTR    | VENT THROUGH ROOF            |
| W      | WASTE                        |
| WCO    | WALL CLEAN OUT               |
| WH     | WALL HYDRANT                 |

PLUMBING SYMBOLS



PLUMBING GENERAL NOTES

NO EXCLUSIONS FROM OR LIMITATIONS IN THE LANGUAGE USED IN THE CONTRACT DOCUMENTS SHALL BE INTERPRETED AS MEANING THAT THE EQUIPMENT, APPURTENANCES, AND/OR ACCESSORIES NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM ARE NOT TO BE PROVIDED AS REQUIRED. THE SEPARATE DIVISIONAL CONTRACT DOCUMENTS DO NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY TO PROVIDE THE WORK WHICH IS INDICATED ON ANY OF THE DIVISIONAL CONTRACT DOCUMENTS. REVIEW AND COORDINATE THE SCOPE OF WORK WITH ALL DOCUMENTS AND TRADES TO ASSURE A COMPLETE AND FUNCTIONAL SYSTEM IS BID AND INSTALLED.

THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS REQUIRED TO COMMENCE AND COMPLETE PLUMBING WORK.

SUBMIT FULL SUBMITTALS OF ALL PLUMBING EQUIPMENT AND MATERIALS TO THE ENGINEER FOR REVIEW. WHETHER IT IS EXACTLY AS SPECIFIED OR NOT. WHERE ALTERNATE MANUFACTURERS ARE LISTED IN THE BOOK SPECIFICATIONS, ONE OF THOSE MANUFACTURERS SHALL BE PROVIDED UNLESS A REQUEST FOR SUBSTITUTION HAS BEEN SUBMITTED PRIOR TO BID AND THE MANUFACTURER SUBSEQUENTLY IS LISTED AS AN ACCEPTABLE MANUFACTURER IN AN ADDENDUM. FOR ALL EQUIPMENT WHICH HAS BEEN SCHEDULED DIRECTLY ON THE DESIGN DRAWINGS, PROVIDE WITHIN THE SUBMITTAL A PERFORMANCE SCHEDULE FOR THE PROPOSED EQUIPMENT IN THE SAME FORMAT AS INCLUDED ON THE DRAWINGS. FAILURE TO PROVIDE REQUIRED PERFORMANCE SCHEDULE WILL RESULT IN REJECTION OF THE ENTIRE SUBMITTAL.

BIND COMPLETE SUBMITTALS IN A THREE RING BINDER(S) WITH A TITLE SHEET AND IDENTIFICATION ON FRONT AND SIDE OF THE BINDER. CONTACT ENGINEER FOR PRIOR APPROVAL TO SUBMIT PDF EMAILED SUBMITTALS. SUBMIT ALL PLUMBING PRODUCTS SUBMITTALS ALL AT ONE TIME. PARTIAL SUBMITTALS WILL NOT BE ACCEPTED FOR REVIEW AND APPROVAL. INDEX ALL ITEMS AS APPLICABLE. SUBMITTALS THAT DEViate FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS SHALL LIST ALL DIFFERENCES IN A COVER LETTER ATTACHED TO FRONT OF THE SUBMITTAL. ANY UNLISTED DEVIATIONS FOUND DURING REVIEW WILL RESULT IN THE REJECTION OF THE ENTIRE SUBMITTAL. FOR ITEMS REVIEWED AND MARKED "REJECTED" OR "REVISE AND RESUBMIT", ONLY ONE ADDITIONAL RE-SUBMITTAL WILL BE REVIEWED TO VERIFY PRODUCT COMPLIANCE WITH THE CONTRACT DOCUMENTS. SHOULD FURTHER SUBMITTALS BE REQUIRED BY THE ENGINEER TO VERIFY THE SUBMITTAL WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, THE HOURLY RATE OF \$150.00 WILL BE BILLED TO THE CONTRACTOR FOR THE ENGINEER'S TIME SPENT ON THE REVIEW.

THE CONTRACT DOCUMENTS AND SUBMITTALS OF ALL TRADES SHALL BE COORDINATED AND BE VIEWED IN CONNECTION AND CONJUNCTION WITH EACH OTHER TO INSURE THE PROPER LOCATION AND INSTALLATION OF ALL DEVICES AND EQUIPMENT. MAKE PARTICULAR NOTE OF LOCATIONS AND DIMENSIONS SHOWN ON THE ARCHITECTURAL FLOOR PLANS AND ELEVATIONS.

PLUMBING DRAWINGS INDICATE THE SCHEMATIC LAYOUT AND LOCATION OF THE PLUMBING SYSTEM COMPONENTS. UNLESS SPECIFIC DIMENSIONS ARE NOTED, THE ACTUAL LOCATION OF THESE COMPONENTS SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR IN COORDINATION WITH THE WORK OF OTHER TRADES, THE USE OF MANUFACTURER'S SUBMITTALS, AND SIMILAR CERTIFIED DATA.

THE SCHEDULING OF ALL WORK AND SHUTDOWNS OF ALL EXISTING SERVICES SHALL BE COORDINATED WITH THE OWNER TO THEIR SATISFACTION. THE OWNER RESERVES THE RIGHT TO DENY THE USE OF ANY TOOLS DUE TO NOISE.

ALL PLUMBING EQUIPMENT INSTALLED OUTDOORS SHALL BE SECURED TO ITS SUPPORT AS DETAILED BY THE STRUCTURAL ENGINEER FOR THE REQUIRED WIND LOAD DESIGN.

ALL EXTERIOR EXPOSED MATERIALS SHALL BE CONSTRUCTED OF NON-FERROUS MATERIALS AND BE PAINTED WITH TWO COATS OF RUST INHIBITOR PAINT.

INSTALL AND TEST ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS. MAINTAIN ADEQUATE SERVICE SPACE AS REQUIRED. SERVICE SPACE SHALL BE CLEAR OF DUCTS, PIPES, CONDUITS, WALL STUDS, CEILING HANGERS, AND ANY OTHER CONSTRUCTION APPURTENANCE.

CONTRACTOR SHALL COORDINATE AND PROVIDE ALL CEILING/FLOOR/WALL ACCESS PANELS THAT MAY BE REQUIRED FOR THE INSTALLATION, INSPECTION, AND SERVICE OF PLUMBING EQUIPMENT WHETHER OR NOT IT IS SHOWN. ACCESS PANELS TO BE SELECTED BY THE ARCHITECT.

ALL PLUMBING EQUIPMENT SHALL BE LABELED WITH ENGRAVED, LAMINATED, PLASTIC SIGNS. SIGNS SHALL BE 1/8" THICK AND A MINIMUM OF 1-3/4" HIGH WITH 1" HIGH LETTERS. LENGTH OF THE SIGN SHALL BE THE SUM OF THE LETTERS/NUMBERS PLUS 3/4" ON EACH END. EXTERIOR SIGNS SHALL BE UV RATED, DESIGNATED AND MANUFACTURED TO BE EXPOSED TO THE ELEMENTS.

AT PROJECT COMPLETION, THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 40 HOURS OF TRAINING ON THE OPERATION AND MAINTENANCE OF THE PLUMBING EQUIPMENT.

CONTRACTOR SHALL PROVIDE A ONE YEAR WARRANTY ON PARTS AND LABOR FROM THE DATE OF SUBSTANTIAL COMPLETION.

FOR SEALING OF PIPE PENETRATION THROUGH FIRE RATED WALLS, REFER TO ARCHITECTURAL CONTRACT DOCUMENTS. ALL RATED WALL PENETRATIONS SHALL BE SEALED USING APPROVED UL DETAILS.

PROVIDE ADDITIONAL PIPING SUPPORTS ON BOTH SIDES AND WITHIN 18" OF FIRE RATED WALLS. PIPING SHALL NOT BE SUPPORTED FROM ANY FIRE RATED WALL.

ALL PIPING MUST BE INSTALLED 6" AWAY FROM ANY FIRE RATED WALL.

ALL RATED WALL PENETRATIONS SHALL BE MADE AT A 90° ANGLE.

HANGERS, ANCHORS AND SUPPORTS SHALL SUPPORT THE PIPING AND THE CONTENTS OF THE PIPING. HANGERS AND STRAPS MATERIALS SHALL BE OF APPROVED MATERIALS THAT WILL NOT PROMOTE GALVANIC ACTION. PROVIDE PIPE SADDLES BELOW INSULATED PIPES.

HANGERS AND ANCHORS SHALL BE ATTACHED TO THE BUILDING CONSTRUCTION IN AN APPROVED MANNER.

RIGID SUPPORT SWAY BRACING SHALL BE PROVIDED AT CHANGES IN DIRECTION GREATER THAN 45° FOR PIPE SIZES 4" AND LARGER.

ANCHORAGE SHALL BE PROVIDED TO RESTRAIN DRAINAGE PIPING FROM AXIAL MOVEMENT. FOR PIPE SIZES GREATER THAN 4", RESTRAINTS SHALL BE PROVIDED FOR DRAIN PIPES AT ALL CHANGES IN DIRECTION AND AT ALL CHANGES IN DIAMETER GREATER THAN TWO PIPE SIZES. BRACES, BLOCKS, RODDING AND OTHER SUITABLE METHODS AS SPECIFIED BY THE COUPLING MANUFACTURER SHALL BE UTILIZED.

PROVIDE ALL OFFSETS AND FITTINGS REQUIRED FOR A FULLY FUNCTIONAL SYSTEM. MAKE CONNECTION TO SITE UTILITIES. COORDINATE WITH SITE UTILITY CONTRACTOR AS REQUIRED.

CONCEAL PIPING ABOVE CEILING, WITHIN WALL OR CHASES EXCEPT IN MECHANICAL ROOMS OR AS SPECIFICALLY NOTED.

PROVIDE AN AIR GAP WHEN WASTE CONNECTION IS REQUIRED TO BE INDIRECT, SERVICING INDIVIDUAL FIXTURES, DEVICES, APPLIANCES AND APPARATUS.

ALL EXPOSED PIPE AND FITTINGS IN FINISHED AREAS SHALL BE CHROME PLATED. IF PIPING IS NOT AVAILABLE CHROME PLATED, PIPING SHALL BE PAINTED WITH CHROME COLORED PAINT.

PROVIDE CLEANOUTS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE - PLUMBING. INSTALL CLEANOUT WITH COVER FLUSH TO FINISH SURFACE. WHEN OUTDOORS, PROVIDE CONCRETE ADJACENT TO CLEANOUT AS SHOWN ON THE DETAIL ON THE DRAWINGS.

COORDINATE PIPING WITH ALL ELECTRICAL EQUIPMENT (PANELS, TRANSFORMERS, ETC.) PRIOR TO ANY INSTALLATION. DO NOT ROUTE ANY PIPING OVER ANY ELECTRICAL DEVICES. PROVIDE INSULATED DRAIN PAN UNDER PIPING WHERE ABSOLUTELY NOT POSSIBLE TO AVOID.

PROVIDE SANITARY WASTE, VENT, DOMESTIC WATER, ETC. ROUGH-IN AND MAKE FINAL CONNECTIONS (TO INCLUDE PROVIDING ALL NECESSARY RELATED STOPS, VALVES, TRAPS, ETC. AND MAKE READY TO USE) TO ALL EQUIPMENT, WHETHER FURNISHED BY THIS CONTRACTOR.

FOLLOW ADA GUIDELINES FOR ACCESSIBILITY TO PLACES OF PUBLIC ACCOMMODATION AND COMMERCIAL FACILITIES BY INDIVIDUALS WITH DISABILITIES. THESE GUIDELINES ARE TO BE APPLIED DURING DESIGN, CONSTRUCTION AND ALTERATION OF SUCH BUILDING AND FACILITIES TO THE EXTENT REQUIRED BY REGULATIONS ISSUED BY FEDERAL AGENCIES, INCLUDING THE DEPARTMENT OF JUSTICE, UNDER THE AMERICANS WITH DISABILITIES ACT (ADA), LATEST EDITION.

THE LOCATIONS OF ALL CLEANOUTS, VALVES, GAUGES, ETC. SHALL BE LOCATED FOR ACCESS AND/OR SERVICE IN REFERENCE TO THE FINISHED BUILDING. WALL CLEANOUT SHALL BE 18" A.F.F. AND FLOOR CLEANOUTS SHALL BE LOCATED WITHIN 12" OF AN ADJACENT WALL.

WHERE PLUMBING SERVICES ARE REQUIRED FOR EQUIPMENT FURNISHED UNDER OTHER TRADES OR PROVIDED BY THE OWNER (OFCI), THE CONTRACTOR SHALL DETERMINE ACCURATE ROUGHING REQUIREMENTS IN ADVANCE OF WORK, SET EQUIPMENT IN PLACE AND MAKE NECESSARY SERVICE CONNECTIONS. PROVIDE ACCESSORIES AS REQUIRED.

REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND ROUGHING DIMENSIONS OF ALL PLUMBING FIXTURES, DRAINS, ETC.

ALL HOSE BIBBS, WALL HYDRANTS AND HOSE END CONNECTIONS SHALL BE EQUIPPED WITH AN APPROVED INTEGRAL VACUUM BREAKER AND SHUT OFF VALVE LOCATED ABOVE THE CEILING. UNLESS OTHERWISE NOTED, ALL WALL HYDRANTS AND HOSE BIBBS SHALL BE INSTALLED 24" ABOVE FINISHED FLOOR OR GRADE.

DIELECTRIC UNIONS SHALL BE INSTALLED AT ALL CONNECTIONS OF DISSIMILAR METALS (SUCH AS COPPER TO GALVANIZED STEEL).

ALL SANITARY AND VENT PIPING SHALL BE PVC TYPE DWV AND SHALL CONFORM TO ONE OF THE FOLLOWING STANDARDS: ASTM D 2665, ASTM D 2949 OR CSA B181.2. FITTINGS SHALL BE PVC AND SHALL CONFORM TO ONE OF THE FOLLOWING STANDARDS: ASTM D 2665, ASTM D 3311 OR ASTM F 1866. JOINTS SHALL BE SOLVENT CEMENTING. A PURPLE PRIMER THAT CONFORMS TO ASTM F 658 SHALL BE APPLIED TO JOINT SURFACES (CLEAN AND FREE FROM MOISTURE). SOLVENT CEMENT NOT PURPLE IN COLOR AND CONFORMING TO ASTM D 2554, CSA B137.3, CSA B181.2 OR CSA B182.1 SHALL BE APPLIED TO ALL JOINT SURFACES. JOINTS SHALL BE IN ACCORDANCE WITH ASTM D 2855.

COLD WATER AND HOT WATER PIPING SHALL BE CPVC AND SHALL CONFORM TO NSF 61 AND ASTM D 2846, ASTM F 441, ASTM F 442 OR CSA B137.6. FITTINGS SHALL BE CPVC AND SHALL CONFORM TO NSF 61 AND ASTM F 437, ASTM F 438, ASTM F 439 OR CSA B137.6. JOINTS SHALL BE SOLVENT CEMENTING. JOINT SURFACES SHALL BE CLEAN AND FREE FROM MOISTURE, AND AN APPROVED PRIMER SHALL BE APPLIED. SOVENT CEMENT ORANGE IN COLOR AND CONFORMING TO ASTM F 493, SHALL BE APPLIED TO ALL JOINT SURFACES. THE JOINT SHALL BE IN ACCORDANCE WITH ASTM D 2846 OR ASTM F 493.

PROGRESS OR PEX TYPE WATER PIPING IS NOT ACCEPTABLE.

VERIFY SIZES, LOCATION, INVERTS AND ELEVATIONS PRIOR TO INSTALLING ANY PIPING.

COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL PLUMBING EQUIPMENT WITH THE ELECTRICAL DRAWINGS AND FURNISH EQUIPMENT WIRED FOR THE VOLTAGE SHOWN HEREIN. PROVIDE STATEMENT INDICATING THIS HAS OCCURRED WITH THE SHOP DRAWING SUBMITTALS.

SLOPE ALL SANITARY PIPING 8" AND LARGER AT A MINIMUM SLOPE OF 1/16" PER FOOT. SLOPE ALL SANITARY PIPING 3" TO 6" AT A MINIMUM SLOPE OF 1/8" PER FOOT. ALL SANITARY PIPING 2-1/2" AND SMALLER SHALL BE SLOPED AT A MINIMUM OF 1/4" PER FOOT.

ALL SANITARY, VENT AND WATER PIPING SHALL BE TESTED BEFORE BEING CONCEALED IN ANY WAY. ALL JOINTS SHALL BE MADE DRIP TIGHT BEFORE BEING CONCEALED. DOMESTIC WATER PIPING SHALL BE TESTED AT 1-1/2 TIMES OPERATING PRESSURE OR 100 PSI, WHICHEVER IS GREATER.

DISINFECT POTABLE WATER SYSTEM PER THE FLORIDA BUILDING CODE. PROVIDE DOCUMENTATION IN THE CLOSE OUT DOCUMENTS.

PROVIDE PVC SLEEVE WITH LONG RADIUS ELBOWS FOR DOMESTIC COLD & HOT WATER PIPING ROUTED UNDER BUILDING'S FIRST FLOOR SLAB.

PLUMBING CODE CRITERIA

THE FOLLOWING IS A LIST OF ALL CODES ADOPTED DECEMBER 31, 2020 BY THE STATE FIRE MARSHALL'S RULE 69A3.012 F.A.C.:

- \*\* FLORIDA BUILDING CODE 7TH EDITION (2020) - ALL SECTIONS
- \*\* FLORIDA ENERGY EFFICIENCY CODE (FBC 2020), FLORIDA ENERGY CODE SOFTWARE: ENERGYGAUGE SUMMIT VERSION 7.00
- \*\* FLORIDA FIRE PREVENTION CODE 7TH EDITION (2020)

69A-3.012 STANDARDS OF THE NATIONAL FIRE PROTECTION ASSOCIATION ADOPTED. (1) EXCEPT AS SPECIFICALLY MODIFIED BY STATUTE OR BY THE STATE FIRE MARSHAL'S RULES, THE "FLORIDA FIRE PREVENTION CODE, 7TH EDITION (2020)," WHICH IS COMPRISED OF THE FLORIDA SPECIFIC EDITION OF NFPA 101, THE LIFE SAFETY CODE (2018 EDITION) AND THE FLORIDA SPECIFIC EDITION OF NFPA 1, THE FIRE CODE (2018 EDITION), ARE HEREBY ADOPTED AND INCORPORATED BY REFERENCE AND ARE APPLICABLE TO THOSE BUILDINGS AND STRUCTURES SPECIFIED IN PARAGRAPHS (A) AND (B) OF SUBSECTION (1) OF SECTION 603.206, F.S. IN ADDITION, THE FOLLOWING STANDARDS, EXCEPT AS SPECIFICALLY MODIFIED IN THE RULE CHAPTERS IN RULE TITLE 69A, ARE HEREBY ADOPTED AND INCORPORATED BY REFERENCE AND SHALL TAKE EFFECT ON THE EFFECTIVE DATE OF THIS RULE, AS A PART OF THE UNIFORM FIRE SAFETY STANDARDS ADOPTED BY RULE BY THE STATE FIRE MARSHAL AND ARE APPLICABLE TO THOSE BUILDINGS AND STRUCTURES SPECIFIED IN PARAGRAPHS (A) AND (B) OF SUBSECTION (1) OF SECTION 603.206, F.S.:

- \*\* NFPA 13, 2016 EDITION, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
- \*\* NFPA 70, 2017 EDITION, NATIONAL ELECTRIC CODE
- \*\* NFPA 72, 2016 EDITION, NATIONAL FIRE ALARM AND SIGNALING CODE
- \*\* NFPA 96, 2017 EDITION, STANDARD FOR VENTILATION CONTROL AND FIRE PROTECTION OF COMMERCIAL COOKING OPERATIONS

OTHER:

- \* AMERICAN SOCIETY OF PLUMBING ENGINEERS (ASPE) STANDARDS
- \* LOCAL CODES AND ORDINANCES

NOTE: TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THESE PLUMBING DESIGN DRAWINGS COMPLY WITH THE ABOVE CODE CRITERIA. WHEN TWO OR MORE CODES OR STANDARDS ARE IN CONFLICT, THE MORE STRINGENT SHALL APPLY.

PLUMBING COORDINATION DRAWING REQUIREMENT

PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR SHALL SUBMIT DETAILED PLUMBING COORDINATION DRAWINGS AT 1/4" =1'-0" SCALE. THESE DRAWINGS ARE NOT TO BE CONFUSED WITH SUBMITTALS. THEY ARE NOT SUBMITTALS. THEY ARE A TOOL TO AIDE THE CONTRACTORS IN THE INSTALLATION OF THEIR SYSTEMS. DRAWINGS ARE TO INCLUDE, BUT NOT NECESSARILY BE LIMITED TO, THE FOLLOWING ITEMS:

1. PLUMBING ROOMS WITH ALL EQUIPMENT (FROM APPROVED SUBMITTALS) DRAWN TO SCALE. INDICATE SERVICE CLEARANCES.
2. WATER HEATER ROOMS WITH ALL EQUIPMENT (FROM APPROVED SUBMITTALS) DRAWN TO SCALE. INDICATE SERVICE CLEARANCES.
3. DETAILED FLOOR PLANS INDICATING ALL PLUMBING FIXTURES, PIPING, VALVES, AND ALL OTHER PIPING MOUNTED RELATED EQUIPMENT AND ACCESSORIES.
4. INDICATE FLOOR, WALL, AND ROOF PENETRATION SIZES THAT ARE REQUIRED FOR ALL PLUMBING EQUIPMENT.
5. SHOW MAJOR STRUCTURAL MEMBERS, MAJOR ELECTRICAL CONDUITS AND EQUIPMENT, AND MAJOR HVAC AND FIRE PROTECTION PIPING AND ACCESSORIES TO CONFIRM COORDINATION HAS OCCURRED.
6. AFTER PLUMBING COORDINATION DRAWINGS ARE COMPLETED AND REVIEWED BY THE DESIGN TEAM, ANY ADDITIONAL WORK REQUIRED IN ANY OF THESE TRADES TO PROVIDE SYSTEMS THAT DO NOT CONFLICT WITH EACH OTHER SHALL BE PROVIDED BY THE CONTRACTOR AT NO COST TO THE OWNER.

HAMMER ARRESTOR SCHEDULE

| ZURN SHOKTROL Z-1700 SERIES | SIZE 100 | SIZE 200 | SIZE 300 | SIZE 400 | SIZE 500 | SIZE 600 |
|-----------------------------|----------|----------|----------|----------|----------|----------|
| P.D.I. SYMBOLS*             | A        | B        | C        | D        | E        | F        |
| FIXTURE--UNIT RATING        | 1--11    | 12--32   | 33--60   | 61--113  | 114--154 | 155--330 |

\*CLASSIFICATIONS ESTABLISHED BY THE PLUMBING AND DRAINAGE INSTITUTE. "STANDARD P.D.I.--WM201". APPROVED EQUALS SHALL BE J.R. SMITH & WADE.

NOTES, LEGENDS, AND ABBREVIATIONS

P000

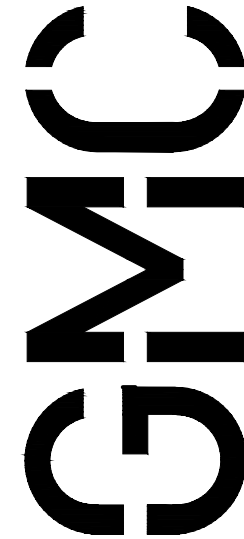
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7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

| ISSUE                       | DATE       |
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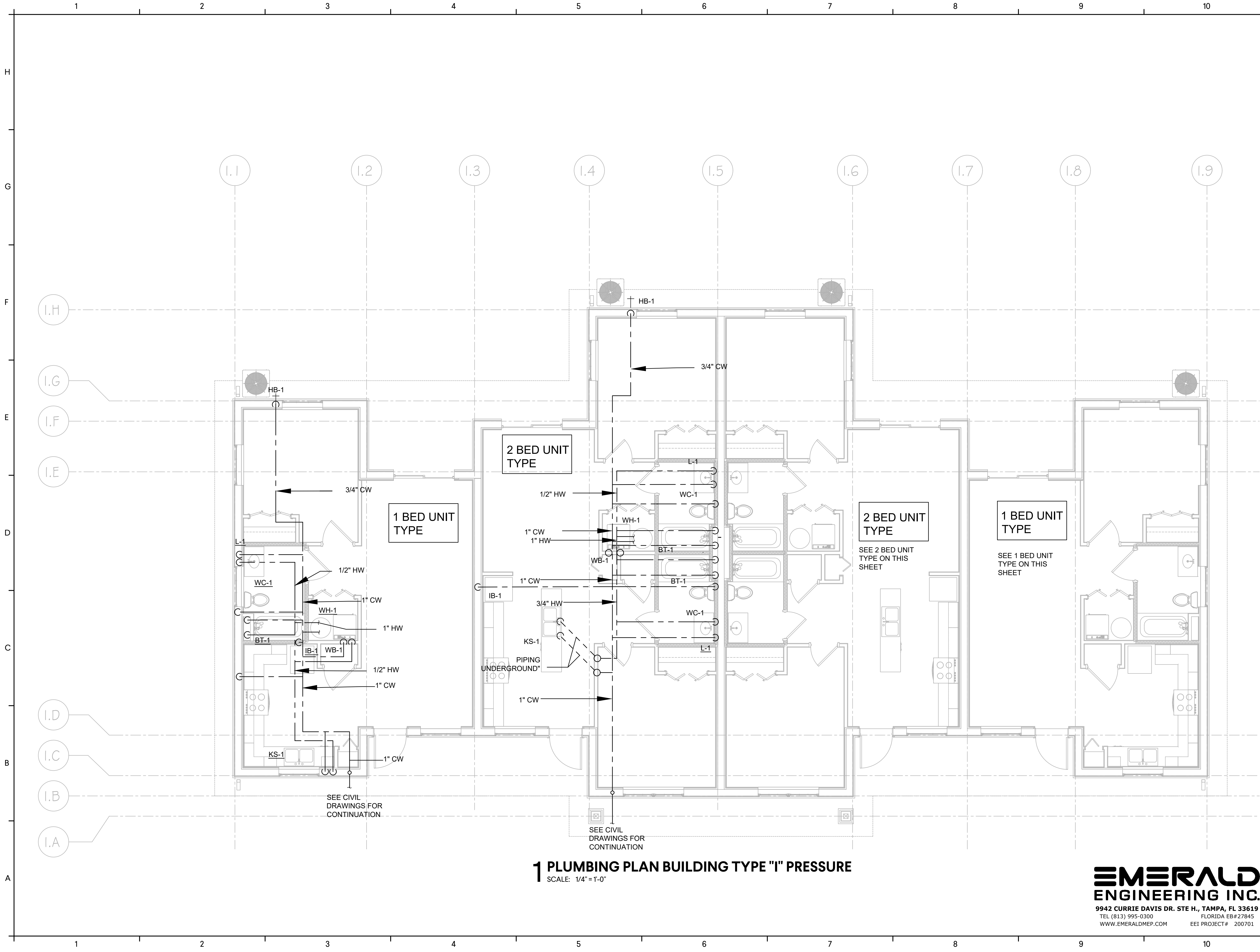
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EEI PROJECT# 200701



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**1 PLUMBING PLAN BUILDING TYPE "I" PRESSURE**  
SCALE: 1/4" = 1'-0"

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**PLUMBING**  
**PLAN**  
**BUILDING TYPE**  
**"I" PRESSURE**

**P111**

**MAGNOLIA OAKS**  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

FL REG. NO. PE81436  
MICHAEL A. COSTELLO, PE

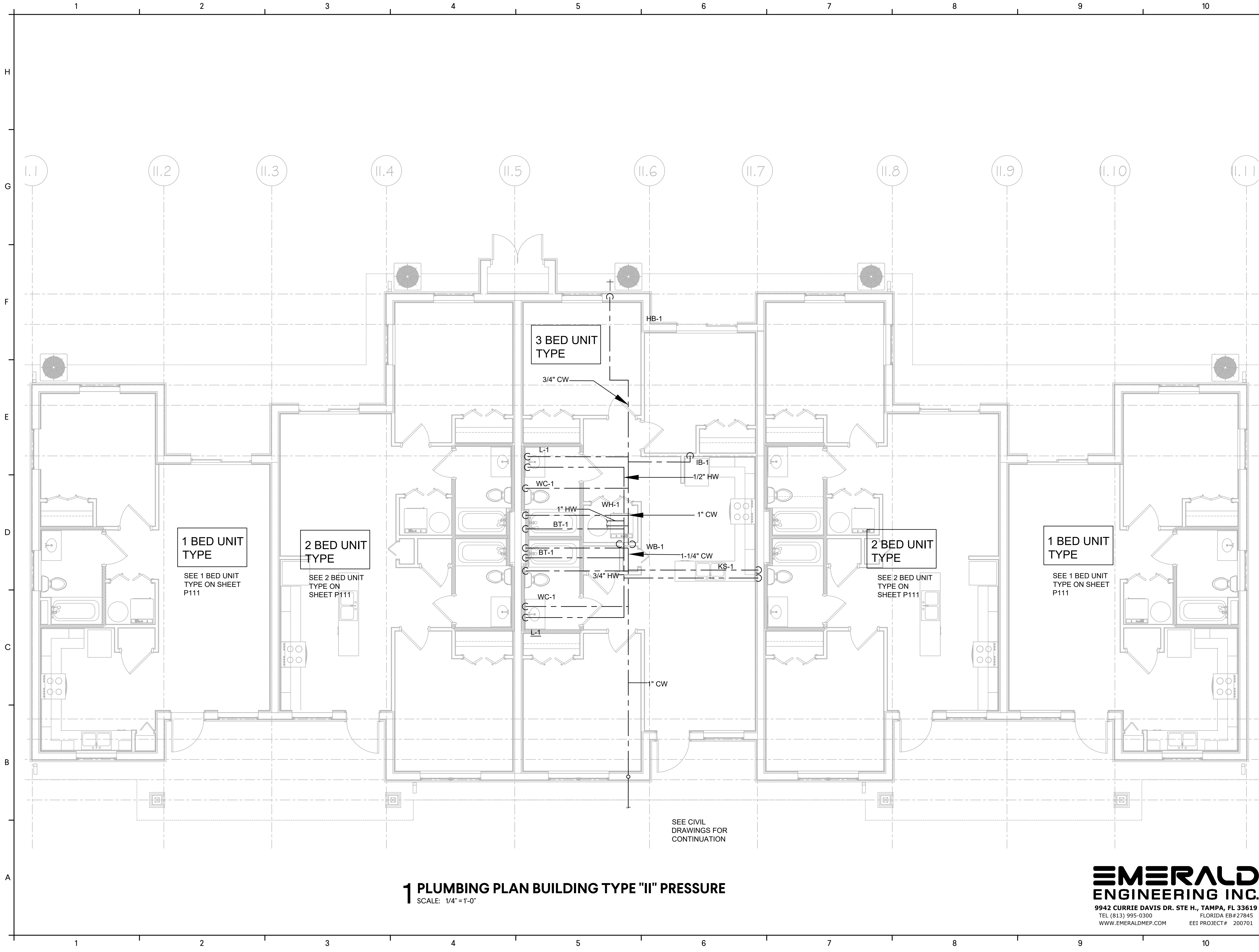
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**1 PLUMBING PLAN BUILDING TYPE "II" PRESSURE**  
SCALE: 1/4" = 1'-0"

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**PLUMBING  
PLAN  
BUILDING TYPE  
"II" PRESSURE**

**P112**

**MAGNOLIA OAKS**  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

FL REG. NO. PE81436  
MICHAEL A. COSTELLO, PE

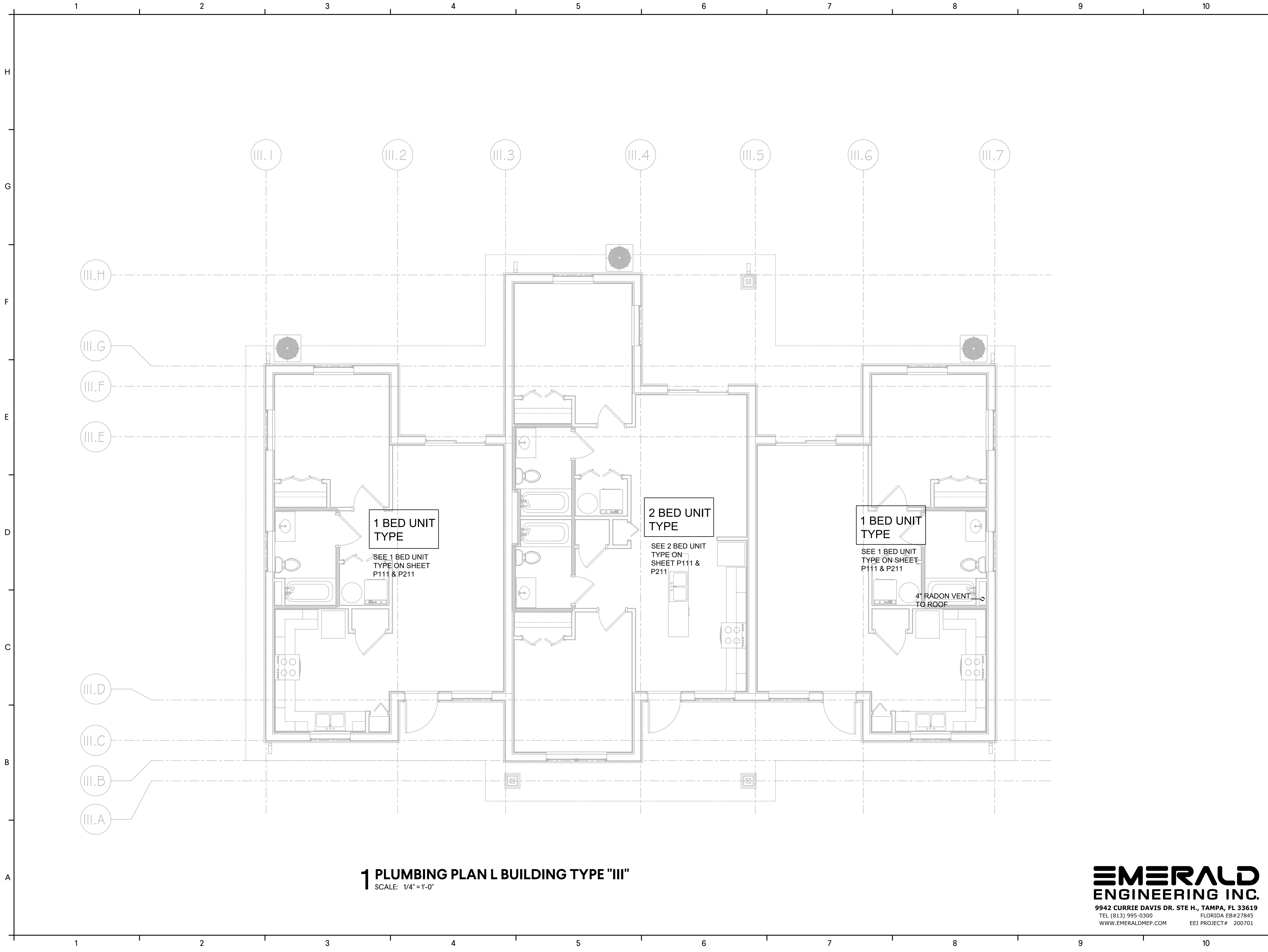
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**1 PLUMBING PLAN L BUILDING TYPE "III"**  
SCALE: 1/4" = 1'-0"

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PLUMBING PLAN L  
BUILDING TYPE "III"

**P113**

MAGNOLIA OAKS  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

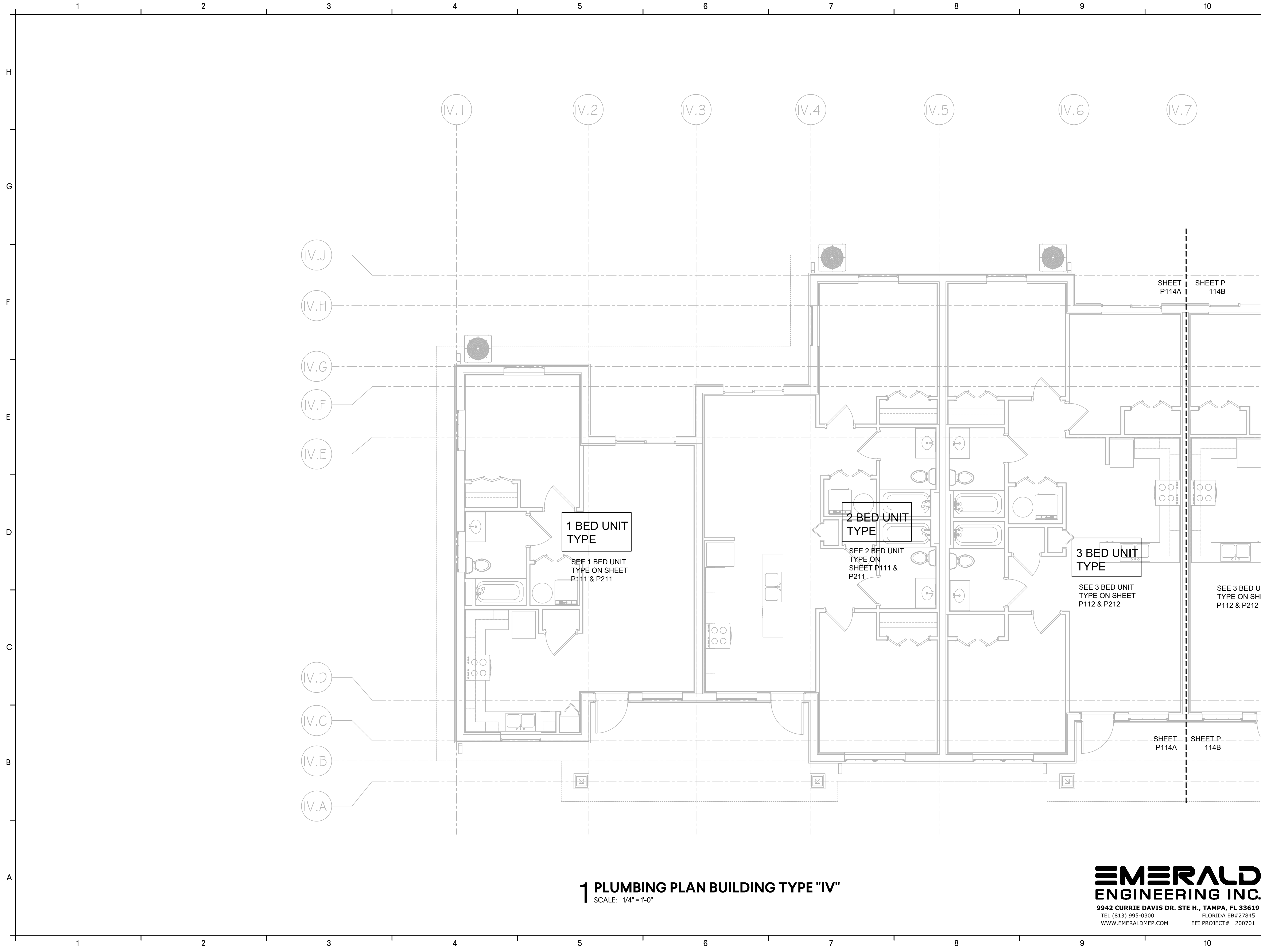
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**1 PLUMBING PLAN BUILDING TYPE "IV"**  
SCALE: 1/4" = 1'-0"

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PLUMBING PLAN  
BUILDING TYPE "IV"

**P114--A**

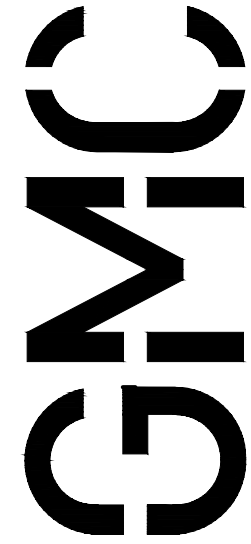
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7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

FL REG. NO. PE81436  
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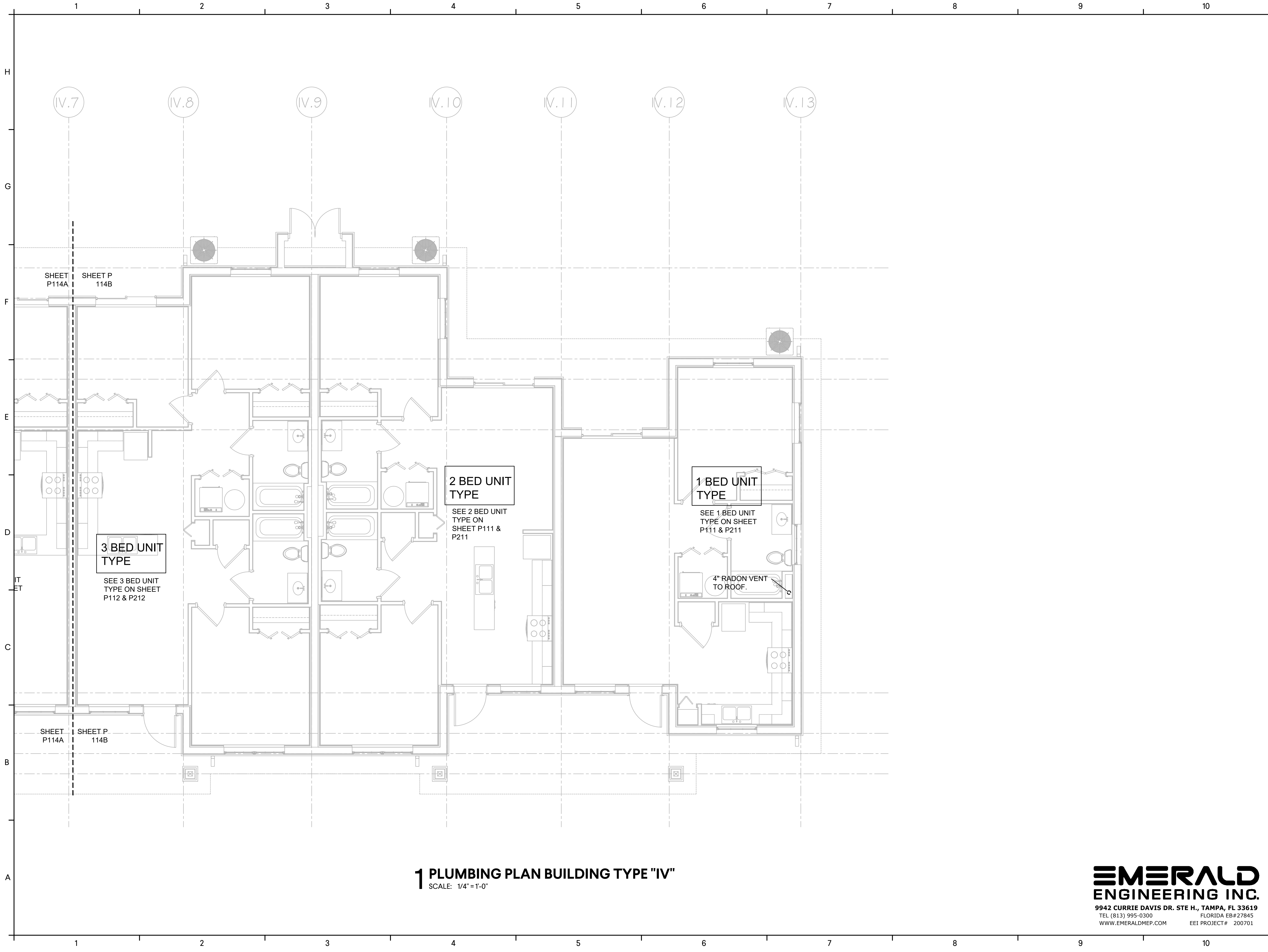
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**1 PLUMBING PLAN BUILDING TYPE "IV"**  
SCALE: 1/4" = 1'-0"

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PLUMBING PLAN  
BUILDING TYPE "IV"

**P114-B**

MAGNOLIA OAKS  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

FL REG. NO. PE81436  
MICHAEL A. COSTELLO, PE

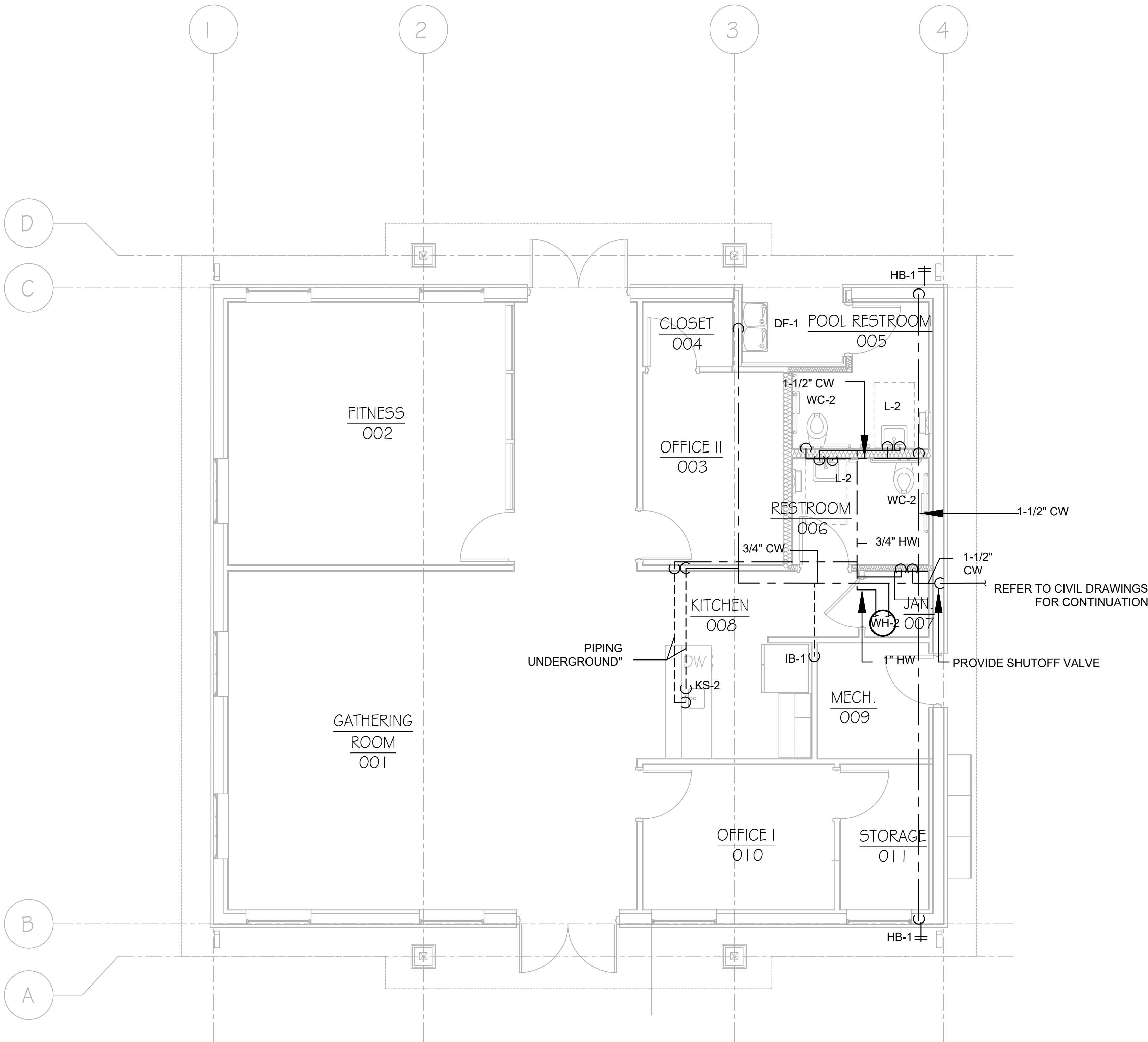
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**1 PLUMBING PLAN CLUBHOUSE PRESSURE**  
SCALE: 1/4" = 1'-0"

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**PLUMBING PLAN  
CLUBHOUSE  
PRESSURE**

**P115**

**MAGNOLIA OAKS**  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

FL REG. NO. PE81436  
MICHAEL A. COSTELLO, PE

BID SET 8-12-2022

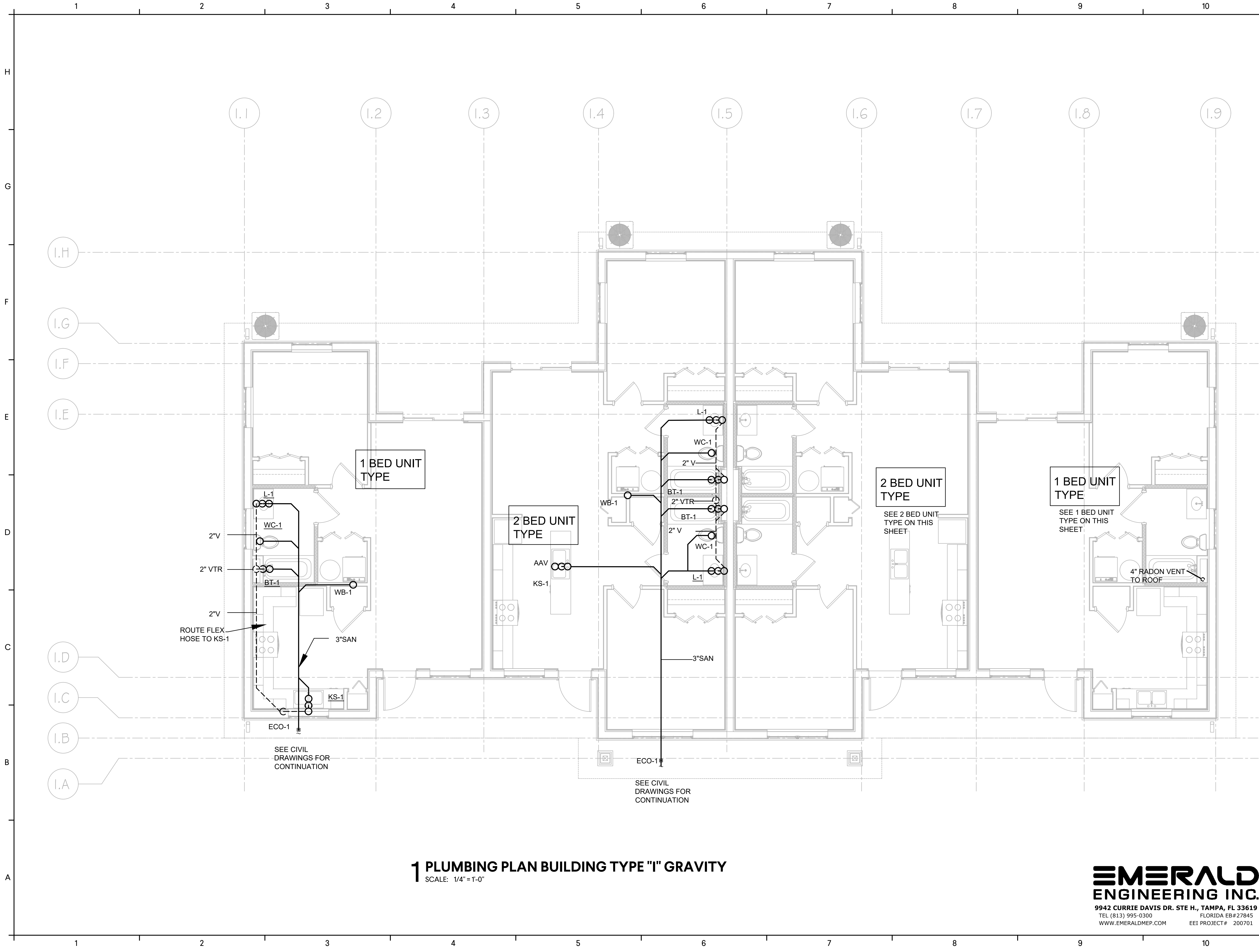
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**1 PLUMBING PLAN BUILDING TYPE "I" GRAVITY**  
SCALE: 1/4" = 1'-0"

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**PLUMBING  
PLAN  
BUILDING TYPE  
"I" GRAVITY**

**P211**

**MAGNOLIA OAKS**  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

FL REG. NO. PEB84486  
MICHAEL A. COOPER III

BID SET 8-12-2022

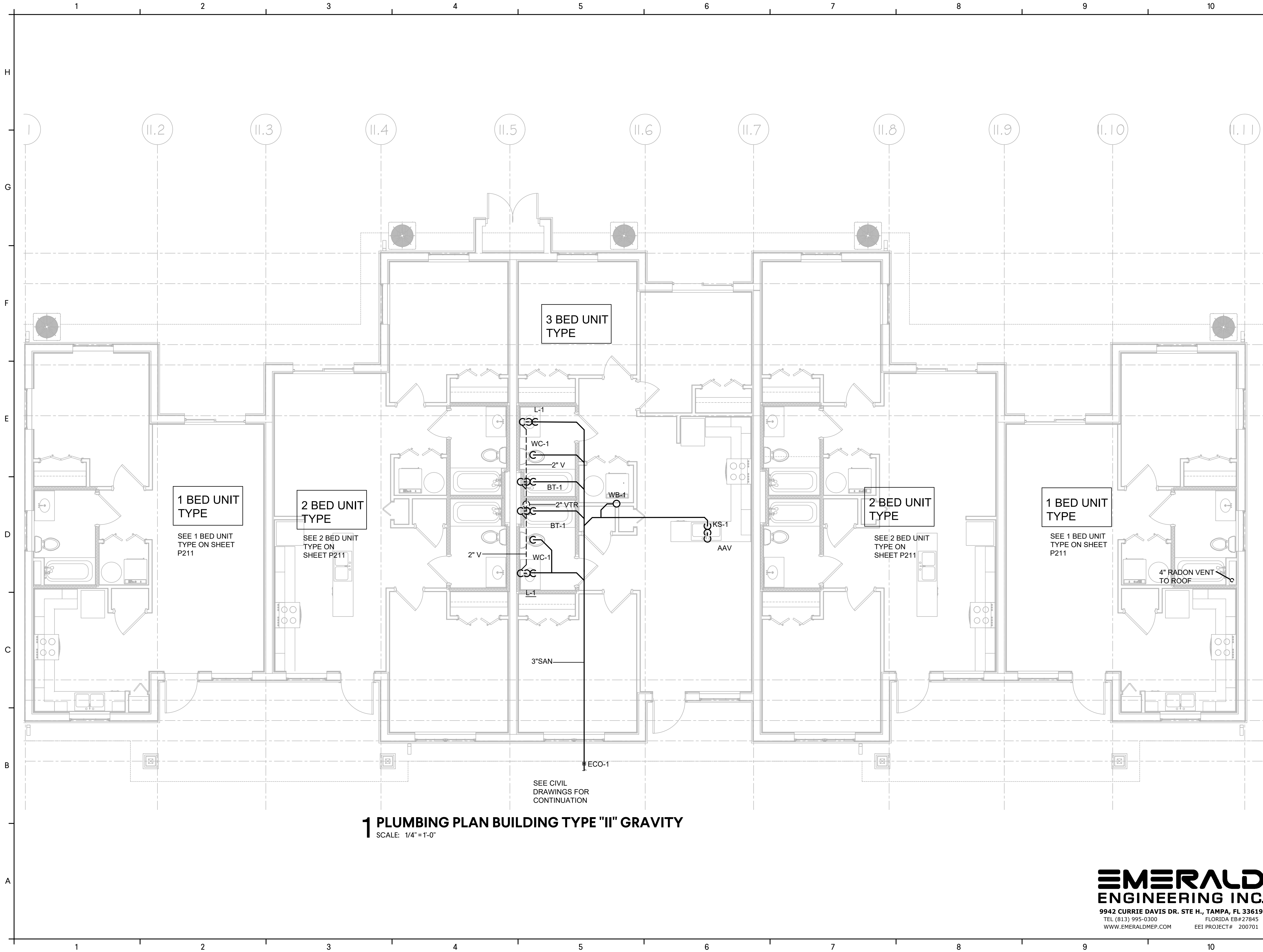
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**1 PLUMBING PLAN BUILDING TYPE "II" GRAVITY**  
SCALE: 1/4" = 1'-0"

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PLUMBING PLAN  
BUILDING TYPE  
"II" GRAVITY

**P212**

MAGNOLIA OAKS  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

FL REG. NO. PE81436  
MICHAEL A. COSTELLO, PE

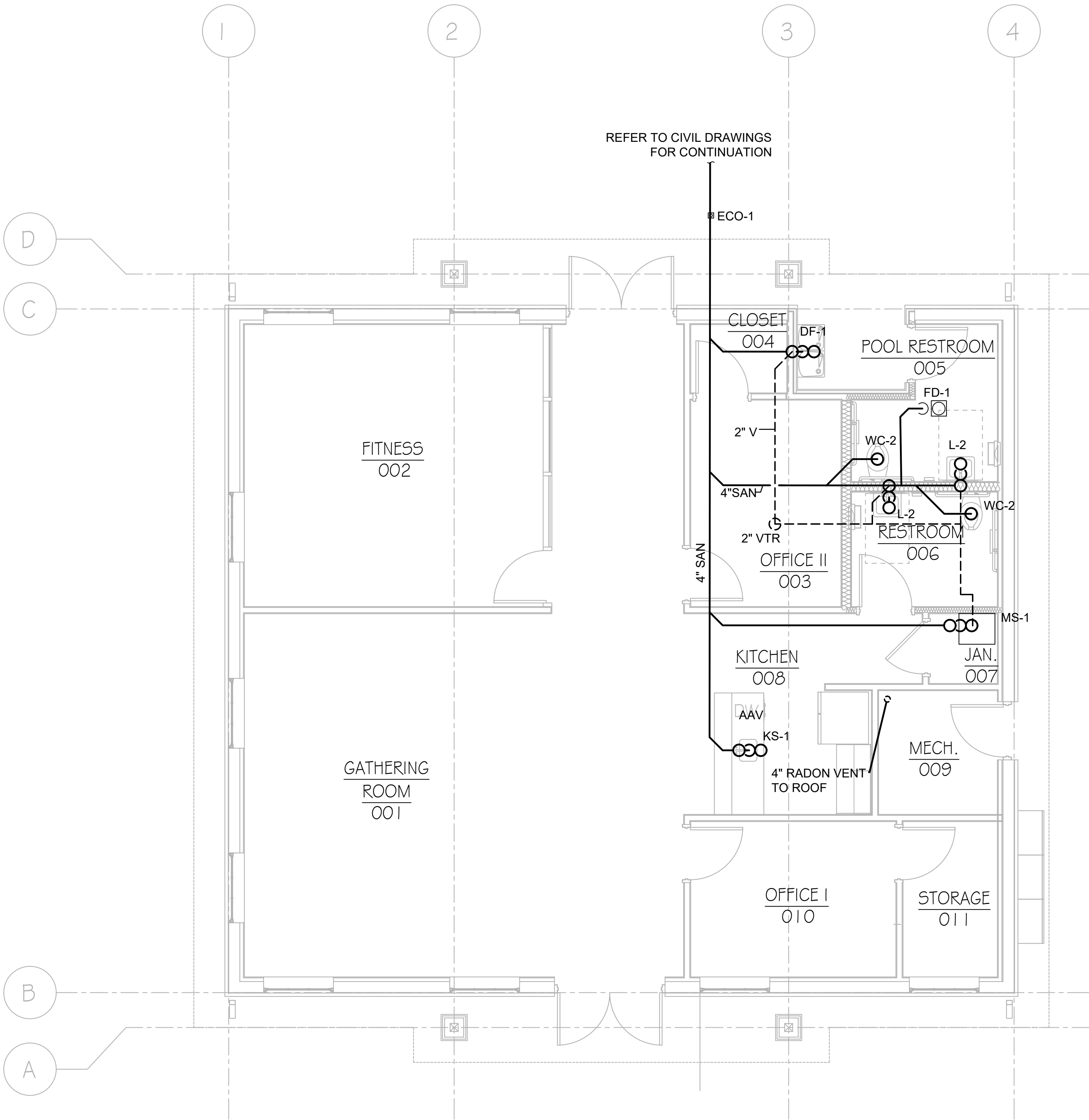
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|-----------------------------|------------|
| DESIGN DEVELOPMENT          | 3/25/2022  |
| 100% CONSTRUCTION DOCUMENTS | 6/28/2022  |
| INTERVEST REVIEW            | 07/27/2022 |
| BID ISSUE                   | 08/12/2022 |
| DRAWN BY:                   | AM         |
| CHECKED BY:                 | MC         |

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250  
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**GMC**

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**1 PLUMBING PLAN CLUBHOUSE GRAVITY**  
SCALE: 1/4" = 1'-0"

**EMERALD**  
ENGINEERING INC.

9942 CURRIE DAVIS DR. STE H., TAMPA, FL 33619  
TEL (813) 995-0300    FLORIDA EB#27845  
WWW.EMERALDMEP.COM    EEI PROJECT# 200701

PLUMBING PLAN  
CLUBHOUSE  
GRAVITY

**P215**

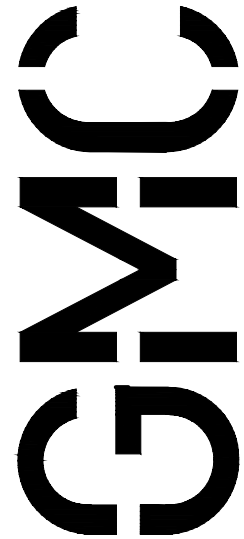
MAGNOLIA OAKS  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

FL REG. NO. DPB84486  
MICHAEL A. COOPER

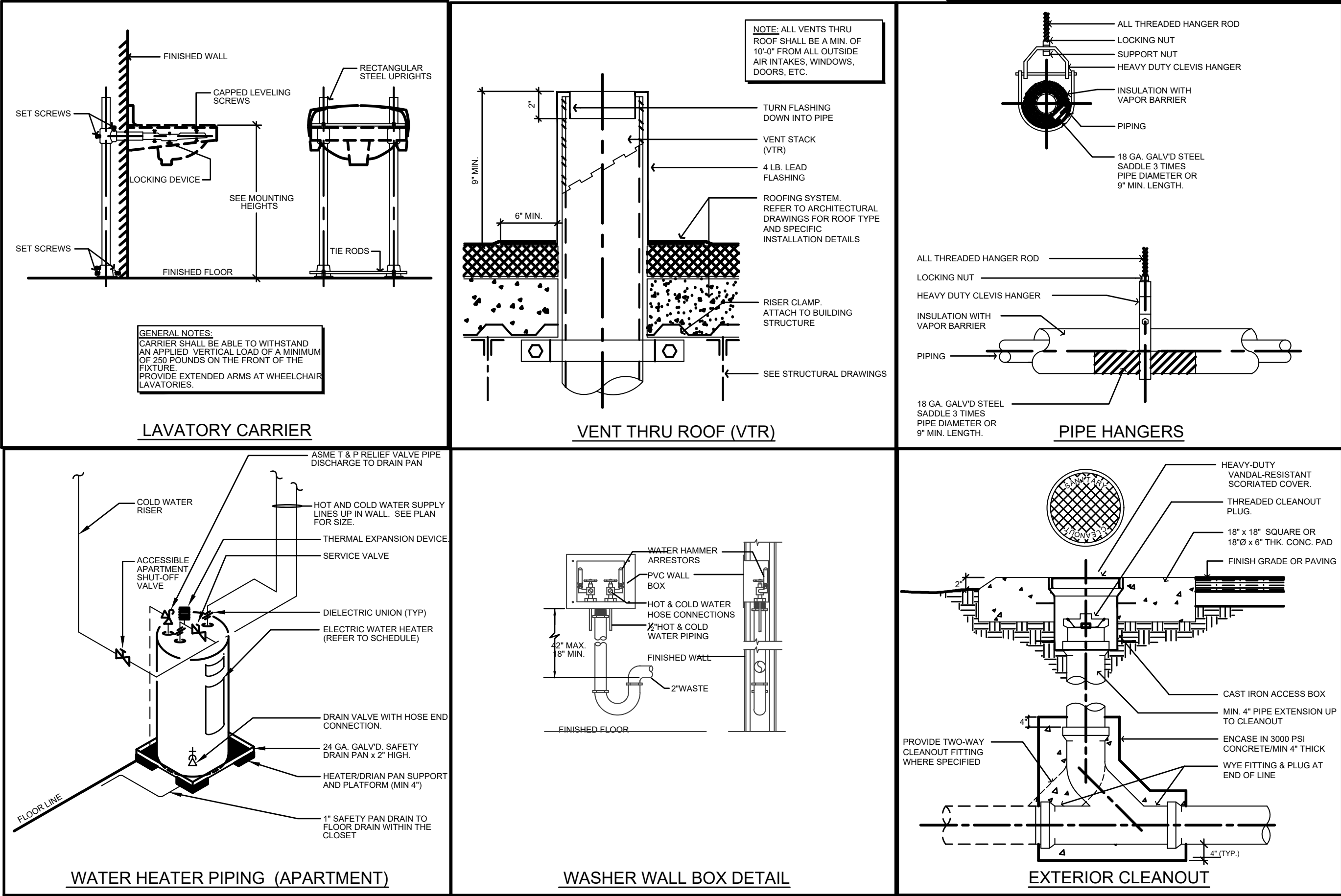
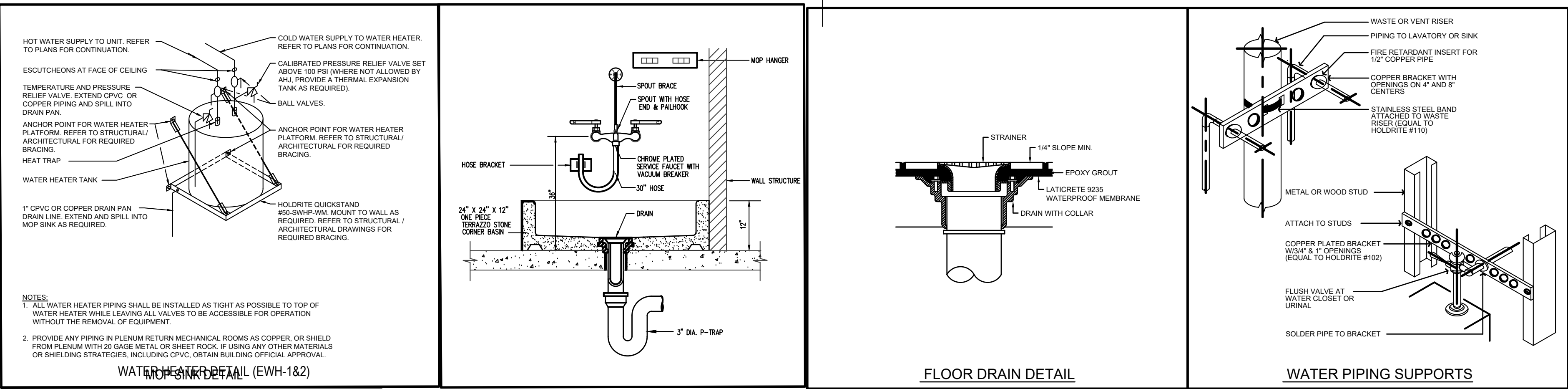
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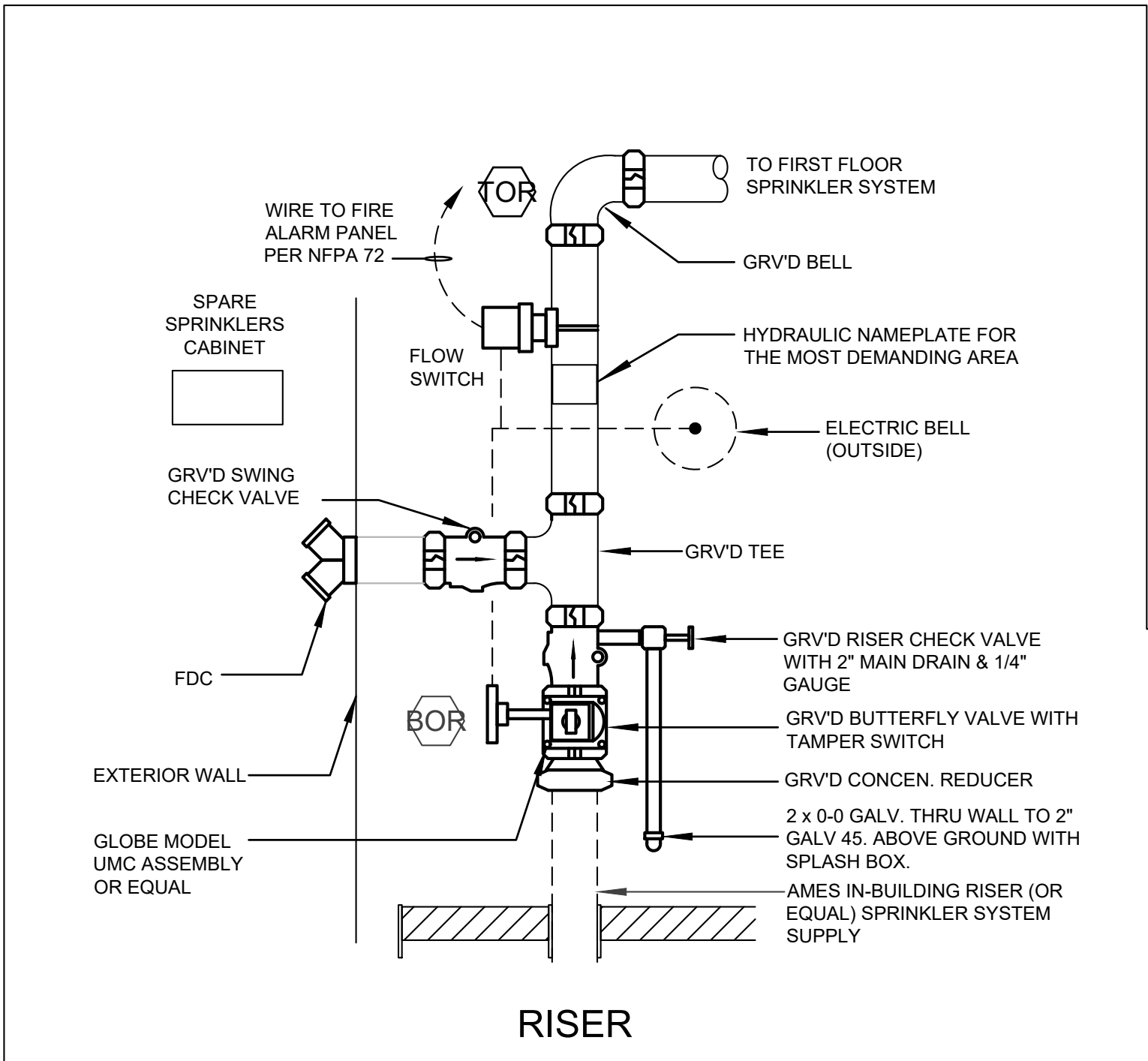
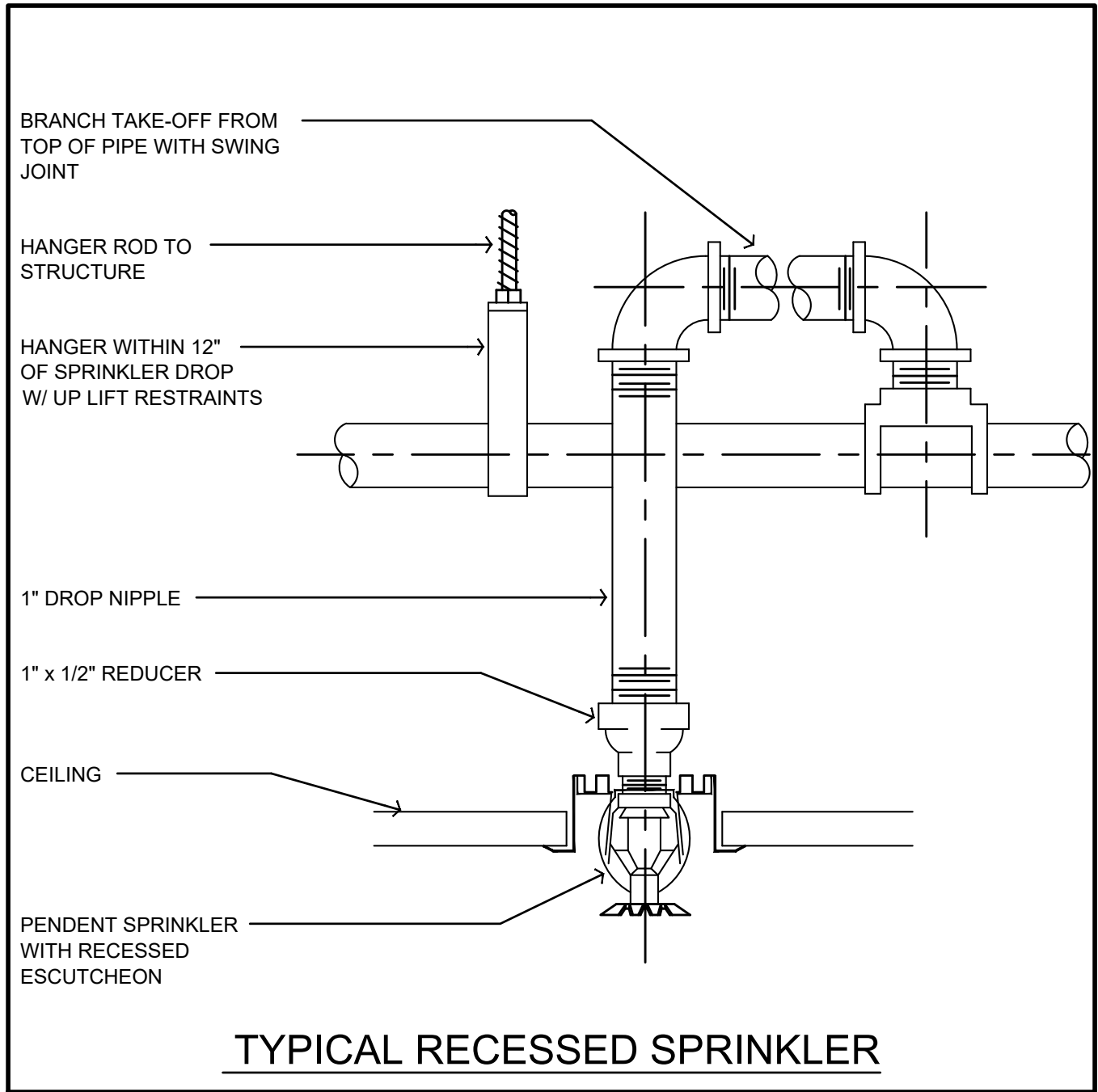
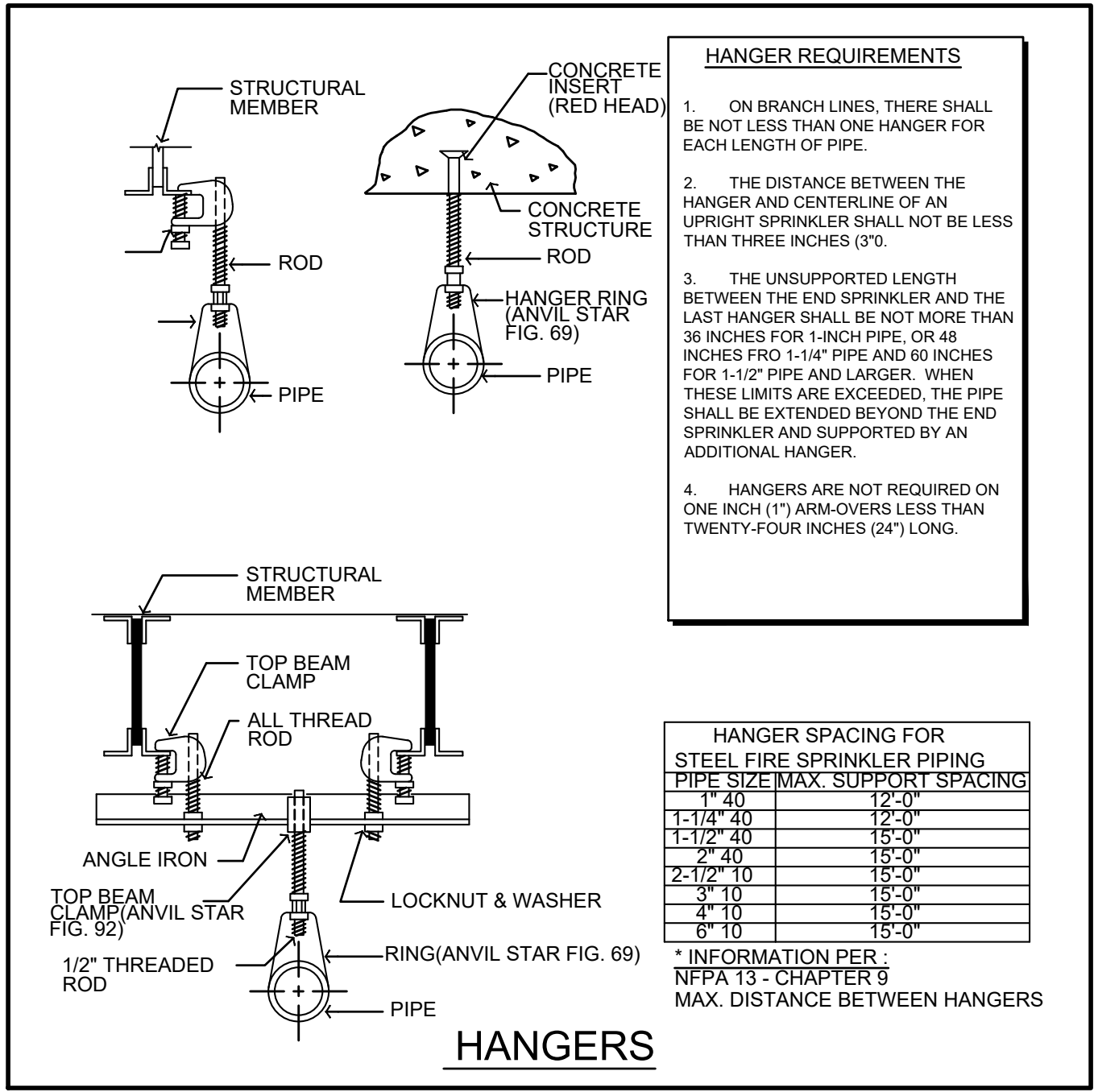




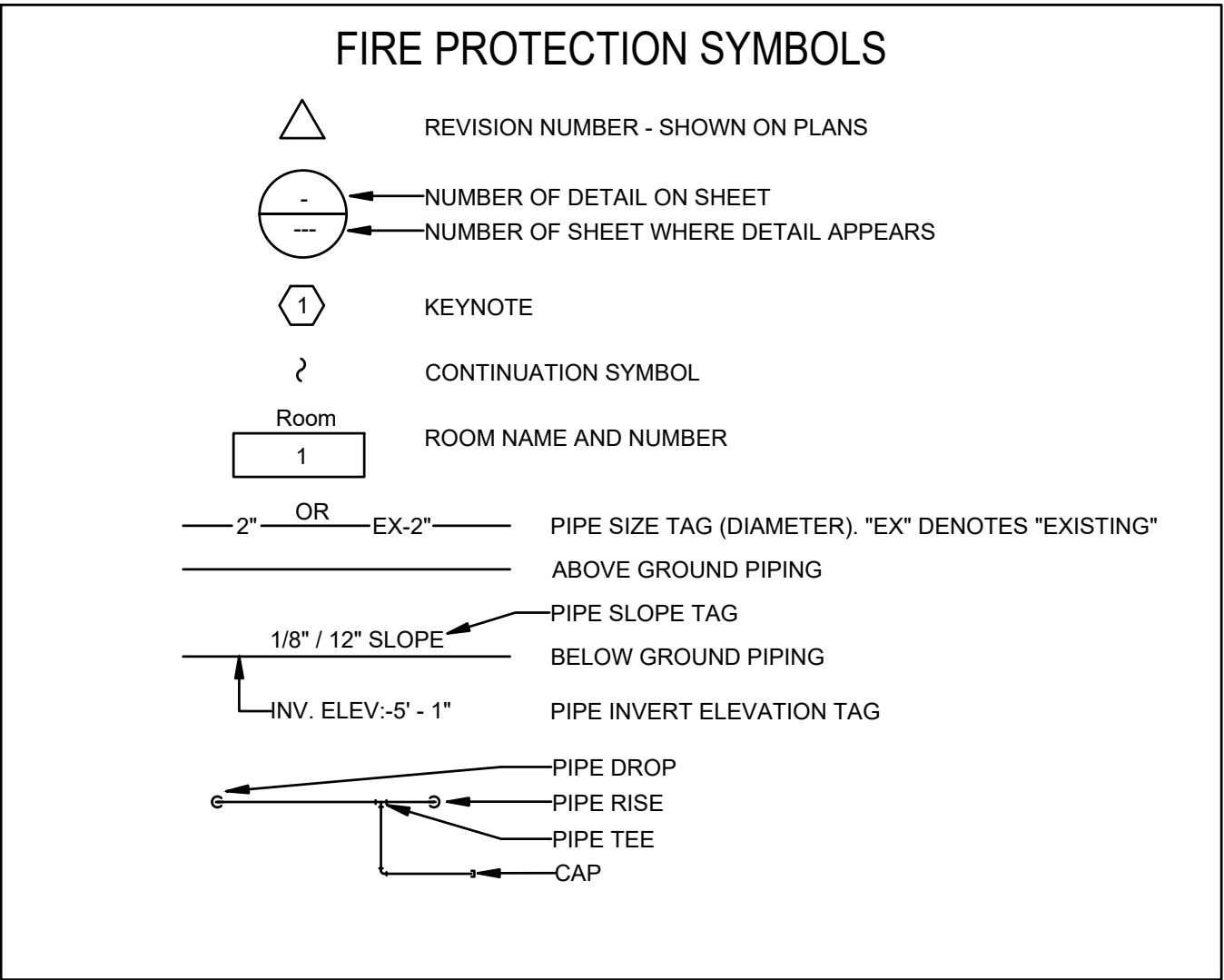
| ELECTRIC WATER HEATER SCHEDULE                                    |              |              |                 |            |      |     |              |            |               |              |            |         |
|---|--------------|--------------|-----------------|------------|------|-----|--------------|------------|---------------|--------------|------------|---------|
| MARK  | MANUFACTURER | MODEL NUMBER | ELECTRIC RATING |            |      |     | STORAGE GAL. | TEMP. RISE | RECOVERY /GPM | WEIGHT (LBS) | UEF RATING | REMARKS |
|   |              |              | TOTAL KW        | # ELEMENTS | VOLT | PH. |              |            |               |              |            |         |
| EW-1  | A.O. SMITH   | ENT-50       | 4.5             | 1          | 208  | 1   | 46           | 72° F      | 21 GPH        | 125          | 0.93       | 1,2,3,4 |
| EW-2  | A.O. SMITH   | DEL-30       | 5               | 2 @ 5      | 208  | 1   | 38           | 72° F      | 25 GPH        | 118          | 0.92       | 1,2,3,5 |
| NOTES:  |              |              |                 |            |      |     |              |            |               |              |            |         |
| 1. HEATER ELEMENTS ARE WIRED FOR NON-SIMULTANEOUS OPERATION.      |              |              |                 |            |      |     |              |            |               |              |            |         |
| 2. MODEL SUPPLIED WITH HEAT TRAP NIPPLES AND INSULATION BLANKET.  |              |              |                 |            |      |     |              |            |               |              |            |         |
| 3. PROVIDE WATER HEATERS WITH OATEY 34162 22" DIAMETER DRAIN PAN. |              |              |                 |            |      |     |              |            |               |              |            |         |
| 4. ALL UNIT TYPES: 1,2,3 BEDROOM                                  |              |              |                 |            |      |     |              |            |               |              |            |         |
| 5. CLUBHOUSE  |              |              |                 |            |      |     |              |            |               |              |            |         |

| PLUMBING FIXTURE SCHEDULE - UNIT FIXTURES                                      |                                 |               |               |      |      |  |                              |   |
|--|---------------------------------|---------------|---------------|------|------|--|------------------------------|---|
| MARK   | DESCRIPTION                     | WASTE         | VENT          | CW   | HW   | MANUFACTURER/MODEL   |                              | REMARKS   |
| WC-1   | WATER CLOSET<br>LOW CONSUMPTION | 3"            | 2"            | 1/2" | -    | CHINA: AMERICAN STD.<br>MODEL#: COLONY - 221AA.104<br><br>SEAT: BEMIS<br>MODEL#: 170   | FLOOR MTD.<br><br>RIM<br>17" | TWO- PIECE VITREOUS CHINA BOWL AND TANK. LOW CONSUMPTION 1.28 GPF.<br>TRIP LEVER ON LAVATORY SIDE.<br><br>SEAT: CLOSED FRONT WITH COVER &CHECK HINGES.<br><br>PROVIDE BRASS CRAFT BRASS NUT, CAPS, FLEXIBLE SUPPLIES, CHROME<br>STOP VALVE AND ESCUTCHEON.  |
| L-1  | LAVATORY                        | 1-1/2"        | 1-1/2"        | 1/2" | 1/2" | BOWL: PROFLO<br><br>FAUCET: OLYMPIA - 0.5 GPM<br>MODEL#: L-6050  | UNDERMOUNT                   | OVAL VITREOUS BOWL W/ CONCEALED FRONT OVERFLOW & OFFSET DRAIN.<br>SINGLE HANDLE FAUCET. POLISHED CHROME FINISH. PROVIDE 0.5 GPM<br>FLOW REGULATOR.<br><br>PROVIDE BRASS CRAFT ANGLE VALVES AND STOPS, SUPPLIES, 1 1/2" P-TRAP.  |
| KS-1   | KITCHEN SINK                    | 1-1/2"        | 1-1/2"        | 1/2" | 1/2" | BOWL: STERLING-MIDDLETON<br>MODEL#: 14633-3<br><br>FAUCET: OLYMPIA - 1.5 GPM<br>MODEL#: K-5020<br><br>STRAINER: STERLING<br>MODEL#: 7400 | TOP MOUNT                    | 33" x 22" x 6" DOUBLE COMPARTMENT KITCHEN SINK.<br>20 GAUGE STAINLESS STEEL WITH LUSTER FINISH & CENTER DRAIN.<br><br>SINGLE HANDLE PULL-DOWN SPRAY FAUCET. REFER TO ARCH FOR FINISH.<br><br>1/3 HP IN-SINK DISPOSER.<br><br>PROVIDE BRASS CRAFT ANGLE VALVES AND STOPS, SUPPLIES, 1 1/2" CONT.   |
| BT-1   | BATHTUB                         | 2"            | 1-1/2"        | 1/2" | 1/2" | LINER: PROFLO<br>MODEL #: PFB14<br>VALVE: OLYMPIA<br>MODEL #: V-2300B<br><br>TRIM SET: OLYMPIA - 1.57 GPM<br>MODEL#: T-2380              | HEAD<br>+86"                 | 30" x 60" RECTANGULAR, OFFSET DRAIN SOAKING TUB W/ NON SKID BOTTOM<br>SURFACE PATTERN. ENAMELED STEEL BATHTUB.<br><br>PROVIDE WITH 2" P-TRAP. LEFT OR RIGHT END SHOWER DRAIN AS REQUIRED.<br>DRAIN: BESTBATH - ACXDRAIN1000<br><br>SINGLE FUNCTION SHOWERHEAD W/ TEMP. LIMITING DISC CARTRIDGE.<br>COMBO WITH DIVERTER TUP SPOUT W/ ESCUTCHEON. |
| IB-1   | ICE MAKER BOX                   | -             | -             | 1/2" | -    | SILOUX CHIEF<br>OX-BOX #696-1010CF<br>OX-BOX #696R   | 24"                          | SHUT-OFF VALVE, COMPRESSION FITTING & SHOCK ARRESTOR.<br>OX-BOX #696R PROVIDED WHEREVER BOX IS LOCATED IN RATED WALL.   |
| WB-1   | WALL BOX                        | 1-1/2"        | 1-1/2"        | 1/2" | 1/2" | OATEY<br>#38541<br>#38479  | -                            | HIGH IMPACT PLASTIC WASHER BOX WITH 1/4 TURN SHUT-OFF VALVES.<br>HOSE END CONNECTIONS & SHOCK ARRESTORS. MODEL #38479<br>PROVIDED WHEREVER BOX IS LOCATED IN RATED WALL.  |
| HB-1   | HOSE BIBB                       | -             | -             | 3/4" | -    | WOODFORD<br>#25  | 18"                          | WALL HYDRANT. FREEZELESS AUTOMATIC DRAINING, WITH HOSE<br>CONNECTION ANTI-SIPHON VACUUM BREAKER, LOCKABLE.  |
| ECO-1  | EXTERIOR CLEANOUT               | SIZE/<br>DWG. | SIZE/<br>DWG. | -    | -    | -  | FLOOR                        | PROVIDE CLEAN-OUT WITH 2 WAY CLEAN-OUT TEE. INSTALL IN LANDSCAPE/<br>LAWN AREA OR FLUSH WITH CONCRETE IN 12"x12"x4" CONCRETE PAD.   |
| FD-1   | FLOOR DRAIN                     | SIZE/<br>DWG. | SIZE/<br>DWG. | -    | -    | ZURN<br>Z415S-P-VP-NH  | FLOOR                        | CAST IRON 2 PIECE BODY WITH BOTTOM OUTLET. VANDAL PROOF STRAINER.<br>ADJUSTABLE COLLAR WITH SEEPAGE SLOTS. TYPE "S" 6"x6" GRATE. PROVIDE<br>WITH SURE SEAL OR PRECISION PLUMBING PR-500.<br>FD-2 HAS FUNNEL ACCESSORY.  |
| AAV  | AIR ADMITTANCE VALVE            | -             | 1-1/2"        | -    | -    | STUDOR "MINI"-VENT   |                              |   |
| MS-1   | MOP SINK                        | 3"            | 1-1/2"        | 1/2" | 1/2" | FIAT - MSB-2424<br>FAUCET: FIAT<br>MODEL#: 830-AA<br>ACCESSORIES: FIAT<br>MODEL#: 832-AA   | FLOOR                        | 24"x24"x10" MOLDED STONE UTILITY SINK FLOOR<br>MOUNTED WITH PROTECTIVE CURB CAPS.<br>FIAT FAUCET #830-AA WITH TOP BRACE. VACUUM BREAKER AND FLEX HOSE<br>832-AA HOSE AND BRACKET.   |
| DF-1   | DRINKING FOUNTAIN               | -             | -             | 1/2" | -    | ELKAY<br>EZSTL8WSSK  | 24"                          | HI-LOW, ADA, REFRIGERATED DRINKING FOUNTAIN WITH BOTTLE FILLING<br>STATION. PROVIDE IN-WALL CARRIER.  |
| NOTES:<br>1. FIXTURES BASED ON DESIRED AESTHETIC AND ARE "AS BASIS OF DESIGN". |                                 |               |               |      |      |  |                              |   |





| FIRE PROTECTION ABBREVIATIONS |                               |         |                              |
|-------------------------------|-------------------------------|---------|------------------------------|
| &                             | AND                           | ID      | INDIRECT                     |
| AB                            | ABOVE BASE                    | IN      | INCH                         |
| ABV                           | ABOVE                         | INL     | INLET                        |
| ACOUS                         | ACOUSTICAL                    | INSUL   | INSULATION                   |
| ADD                           | ADDENDUM                      | INT     | INTERIOR                     |
| ADDL                          | ADDITIONAL                    | INV     | INVERT                       |
| AFF                           | ABOVE FINISHED FLOOR          | INWG    | INCHES WATER GAUGE           |
| AG                            | ABOVE GROUND                  | JST SPC | JOIST SPACE                  |
| ALT                           | ALTERNATE                     | JT      | JOINT                        |
| ALUM                          | ALUMINUM                      | LF      | LINEAL FOOT                  |
| AP                            | ACCESS PANEL                  | LOC     | LOCATION                     |
| APPROX                        | APPROXIMATE                   | LP      | LOW PRESSURE                 |
| ARCH                          | ARCHITECT/ARCHITECTURAL       | MAN     | MANUAL                       |
| AUTO                          | AUTOMATIC                     | MAN     | MATERIAL                     |
| BFF                           | BELOW FINISHED FLOOR          | MAX     | MAXIMUM                      |
| BLDG                          | BUILDING                      | MECH    | MECHANICAL                   |
| BLV                           | BELOW                         | MFR     | MANUFACTURER                 |
| BM                            | BEAM                          | MIN     | MINIMUM                      |
| BO                            | BY OTHER                      | MISC    | MISCELLANEOUS                |
| BOT                           | BOTTOM                        | MTR     | MOTOR                        |
| BTWN                          | BETWEEN                       | NC      | NORMALLY CLOSED              |
| CAP                           | CAPACITY                      | NIC     | NOT IN CONTRACT              |
| CCW                           | COUNTER CLOCKWISE             | NO      | NUMBER                       |
| CLG                           | CEILING                       | NO      | NORMALLY OPEN                |
| COL                           | COLUMN                        | NOM     | NOMINAL                      |
| COMB                          | COMBINATION                   | NTS     | NOT TO SCALE                 |
| CONC                          | CONCRETE                      | OC      | ON CENTER                    |
| CONN                          | CONNECT                       | OF      | OVERFLOW                     |
| CONST                         | CONSTRUCTION                  | OPNG    | OPENING                      |
| CONT                          | CONTINUOUS/CONTINUATION       | PD      | PRESSURE DROP                |
| CONTR                         | CONTRACT/CONTRACTOR           | PIV     | POST INDICATOR VALVE         |
| COORD                         | COORDINATE                    | PLBG    | PLUMBING                     |
| CTR                           | CENTER                        | PR      | PAIR                         |
| CUF                           | CUBIC FEET                    | PREL    | PRELIMINARY                  |
| CW                            | COLD WATER                    | PRESS   | PRESSURE                     |
| CW                            | CLOCKWISE                     | PRM     | PRIMARY                      |
| DET                           | DETAIL                        | PRV     | PRESSURE REDUCING VALVE      |
| DIA                           | DIAMETER                      | PSI     | POUNDS PER SQUARE INCH       |
| DIAG                          | DIAGONAL                      | PSIG    | POUNDS PER SQUARE INCH GAUGE |
| DISCH                         | DISCHARGE                     | REC     | RECESSED                     |
| DIV                           | DIVISION                      | RED     | REDUCER                      |
| DN                            | DOWN                          | REQD    | REQUIRED                     |
| DWG                           | DRAWING                       | REV     | REVERSE                      |
| EACH                          | EACH                          | RM      | ROOM                         |
| EL                            | ELBOW                         | RPM     | REVOLUTIONS PER MINUTE       |
| ELEC                          | ELECTRICAL                    | SF      | SQUARE FOOT                  |
| ELEV                          | ELEVATION                     | SCHED   | SCHEDULE                     |
| EQU                           | EQUAL                         | SECT    | SECTION                      |
| EQUIP                         | EQUIPMENT                     | SF      | SQUARE FOOT                  |
| EXIST                         | EXISTING                      | SHT     | SHEET                        |
| EXP                           | EXPANSION                     | SHM     | SHIMLAR                      |
| EXPJT                         | EXPANSION JOINT               | SILV    | SLEEVE                       |
| ETR                           | EXISTING TO REMAIN            | SM      | SURFACE MOUNT                |
| EXT                           | EXTERIOR                      | SP      | STANDPIPE                    |
| FD                            | FLOOR DRAIN                   | SP      | STATIC PRESSURE              |
| FDC                           | FIRE DRAIN/CONTENT CONNECTION | SPEC    | SPECIFICATION                |
| FHC                           | FIRE HOSE CABINET             | SPS     | STATIC PRESSURE STATION      |
| FL                            | FLOOR                         | SQ      | SQUARE                       |
| FLG                           | FLANGE                        | SS      | STAINLESS STEEL              |
| FP                            | FIRE PUMP                     | STD     | STANDARD                     |
| FP                            | FEET PER MINUTE               | STRUCT  | STRUCTURAL                   |
| FS                            | FULL SIZE                     | SUCT    | SUCTION                      |
| FT                            | FOOT/FEET                     | SUSP    | SUSPENDED                    |
| FTG                           | FOOTING                       | TYP     | TYPICAL                      |
| FUT                           | FUTURE                        | UG      | UNDERGROUND                  |
| GA                            | GAGE/GAUGE                    | VEL     | VELOCITY                     |
| GAL                           | GALLON                        | VERT    | VERTICAL                     |
| GC                            | GENERAL CONTRACTOR            | VOL     | VOLUME                       |
| GENL                          | GENERAL                       |         |                              |
| GPM                           | GALLONS PER MINUTE            |         |                              |
| GR                            | GRADE                         |         |                              |
| HD                            | HEAD                          |         |                              |
| HORZ                          | HORIZONTAL                    |         |                              |
| HP                            | HORSE POWER                   |         |                              |
| HP                            | HIGH PRESSURE                 |         |                              |
| HYD                           | HYDRANT                       |         |                              |



**SPARE SPRINKLERS CABINET**

- A SUPPLY OF AT LEAST 6 SPARE SPRINKLERS SHALL BE MAINTAINED ON THE PREMISES. A MINIMUM OF TWO SPRINKLERS OF EACH TYPE AND TEMPERATURE RATING SHOULD BE PROVIDED.
- THE STOCK OF SPARE SPRINKLERS SHALL INCLUDE ALL TYPES AND RATINGS INSTALLED AND SHALL BE AS FOLLOWS:

\* FOR PROTECTED FACILITIES HAVING:

- UNDER 300 SPRINKLERS - MINIMUM 6 SPRINKLERS.
- 300 TO 1000 SPRINKLERS - MINIMUM 12 SPRINKLERS.
- OVER 1000 SPRINKLERS - MINIMUM 24 SPRINKLERS.

### FIRE PROTECTION DESIGN CRITERIA

**FAC CHAPTER 61G15-32 DESIGN OF FIRE PROTECTION SYSTEMS**

**61G15-32.003:**

- ENGINEERING REQUIREMENTS:  
THESE FIRE PROTECTION SYSTEM DOCUMENTS (PERFORMANCE SPECIFICATION ONLY) INDICATE THE NATURE AND SCOPE OF THE WORK, AND DESCRIBE, DETAIL, DIMENSION, LABEL, AND DEFINE THE FIRE PROTECTION COMPONENTS, SYSTEMS(S), MATERIALS, ASSEMBLIES, EQUIPMENT AND ITS STRUCTURAL AND UTILITY SUPPORT SYSTEM(S), INsofar AS THEY INVOLVE THE SAFEGUARDING OF LIFE, HEALTH AND PROPERTY. THE FIRE SPRINKLER CONTRACTOR SHALL USE THESE DRAWINGS TO CREATE THEIR FIRE PROTECTION SYSTEM ENGINEERING DOCUMENTS, PERFORM HYDRAULIC CALCULATIONS, AND COMPLETE SUBMITTALS. THE FIRE SPRINKLER CONTRACTOR BE THE ENGINEER OF RECORD AND SHALL SUBMIT THEIR DOCUMENTS FOR LOCAL PERMIT.
- ACCEPTANCE TESTING:  
REFER TO FIRE PROTECTION CODE CRITERIA ON THIS SHEET.
- OCCUPANCY CLASSIFICATIONS:  
REFER TO ITEM (2C) BELOW.
- APPLICABLE CODES:  
REFER TO FIRE PROTECTION CODE CRITERIA ON THIS SHEET.
- STRUCTURAL SUPPORT:  
STRUCTURAL SUPPORT AND STRUCTURAL OPENINGS FOR THE FIRE PROTECTION SYSTEM INCLUDING LIVE AND DEAD LOADS SHALL BE COORDINATED WITH THE STRUCTURAL ENGINEER. STEEL SLEEVES SHALL BE SET PRIOR TO CONCRETE PLACEMENT TO PROVIDE FOR PENETRATION OF FIRE PROTECTION PIPING THROUGH THE FLOORS OR ROOF STRUCTURE. COORDINATE ANY CORE DRILLING AS MAY BE REQUIRED. ALL PENETRATIONS SHALL BE PROPERLY FIRE-CAULKED, AS REQUIRED.
- DEVIATIONS:  
FIRE SPRINKLER CONTRACTOR FIRE PROTECTION SYSTEM ENGINEERING DOCUMENTS SHALL NOT CONTAIN SIGNIFICANT DEVIATION FROM THESE FIRE PROTECTION SYSTEM DOCUMENTS.
- ACTIVATION CONTROL SYSTEMS:  
REFER TO ELECTRICAL DRAWINGS FOR FIRE ALARM CONTROL SEQUENCES.

**61G15-32.004:**

(2a) POINT OF SERVICE:

(2b) APPLICABLE CODES:  
REFER TO FIRE PROTECTION CODE CRITERIA ON THIS SHEET.

(2c) OCCUPANCY CLASSIFICATIONS:  
REFER TO OCCUPANCY CLASSIFICATION SCHEDULE ON THIS SHEET.

(2d) DESIGN APPROACH:  
EACH BUILDING CONSISTS OF RESIDENTIAL OCCUPANCIES. PROVIDE A FULLY-AUTOMATIC MANUAL WET COMBINED SYSTEM INSTALLED THROUGHOUT THE ENTIRE BUILDING.

(2e) WATER SUPPLY CHARACTERISTICS:  
THE WATER SUPPLY SHALL BE FROM (FIRE PROTECTION CONTRACTOR TO PROVIDE).

(2f) FLOW TEST INFORMATION: (FIRE PROTECTION CONTRACTOR TO PROVIDE).  
REFER TO FIRE PROTECTION SITE PLAN FOR HYDRANT FLOW TEST INFORMATION.

(2g) VALVING AND ALARM REQUIREMENTS:  
INSTALL FLOW AND TAMPER SWITCH(ES) WHERE SHOWN ON THESE DOCUMENTS.

(2h) MIC RISK EVALUATION:  
IN ACCORDANCE WITH 23.1.5 NFPA-13 (2010): WATER SUPPLY AND ENVIRONMENTAL CONDITIONS SHALL BE EVALUATED FOR THE EXISTENCE OF MICROBES AND CONDITIONS THAT CONTRIBUTE TO MICROBIOLOGICALLY INFLUENCED CORROSION (MIC). WHERE CONDITIONS ARE FOUND THAT CONTRIBUTE TO MIC, THE OWNER SHALL NOTIFY THE SPRINKLER SYSTEM INSTALLER AND A PLAN SHALL BE DEVELOPED TO TREAT THE SYSTEM USING ONE OF THE FOLLOWING METHODS:

- INSTALL WATER PIPE THAT WILL NOT BE AFFECTED BY THE MIC MICROBES.
- TREAT ALL THE WATER THAT ENTERS THE SYSTEM USING AN APPROVED BIOCID.
- IMPLEMENT AN APPROVED PLAN FOR MONITORING THE INTERIOR CONDITIONS OF THE PIPE ESTABLISHED TIME INTERVALS AND LOCATIONS.

(2i) BACKFLOW PREVENTION DETAILS:  
REFER TO CIVIL PLANS FOR INFORMATION AND EXACT LOCATION.

(2j) COMPONENT SPECIFICATIONS:  
MAIN RISER PIPING SHALL BE GROOVED SCHEDULE 10 BLACK STEEL WITH GROOVED FITTINGS. PIPING IN DWELLING AREAS TO BE CPVC. ALL COMPONENTS TO BE UL AND FM LISTED MATERIALS FOR FIRE PROTECTION. ALL UNDERGROUND PIPING SHALL BE INSTALLED BY A STATE (FS635.521) CERTIFIED CONTRACTOR, WHO SHALL BE RESPONSIBLE FOR PIPING OUTSIDE OF THE BUILDING UP TO ONE FOOT ABOVE FINISHED FLOOR INSIDE THE BUILDING. EXTERIOR COMPONENTS TO BE SPECIFIED BY THE CIVIL ENGINEER.

(2k) FIRE PUMP:  
A FIRE PUMP IS NOT REQUIRED FOR THIS PROJECT.

(2l) FIREWATER STORAGE TANK:  
A FIREWATER STORAGE TANK IS NOT REQUIRED FOR THIS PROJECT.

(2m) OWNER'S CERTIFICATE: (FIRE PROTECTION CONTRACTOR TO PROVIDE)  
SHALL BE PROVIDED BY OWNER AND INCLUDED IN THE FIRE PROTECTION SYSTEM LAYOUT DOCUMENTS.

### FIRE PROTECTION OCCUPANCY APPLICATIONS

THE OCCUPANCY CLASSIFICATION OF THIS BUILDING, PER NFPA 13R, SHALL BE:

AREAS SHALL BE DESIGNED PER LIGHT HAZARD OCCUPANCY, WITH A DENSITY OF 0.10 GPM OVER THE HYDRAULIC DESIGN DEMAND AREA (COMPARTMENT) OR PER NFPA 13R, 7.2.3.1, SPACING BETWEEN STANDARD COVERAGE SPRINKLERS SHALL BE A MINIMUM OF 6' AND A MAXIMUM OF 15' (225 SQUARE FEET) AND PER MANUFACTURER'S LITERATURE FOR EXTENDED COVERAGE SPRINKLERS.

MECHANICAL, ELECTRICAL ROOMS, AND SIMILAR AREAS SHALL BE DESIGNED PER ORDINARY HAZARD GROUP I OCCUPANCY, WITH A MINIMUM DENSITY OF 0.15 GPM OVER THE HYDRAULICALLY MOST DEMANDING 1500 SQUARE FEET OR PER NFPA 13, 11.2.3.2.3. SPACING BETWEEN STANDARD COVERAGE SPRINKLERS SHALL BE A MINIMUM OF 6' AND A MAXIMUM OF 15' (130 SQ.FT) AND PER MANUFACTURER'S LITERATURE FOR EXTENDED COVERAGE SPRINKLERS.

| FIRE SPRINKLER LEGEND  |          |             |          |                |          |                 |        |                   |          |
|--|----------|-------------|----------|----------------|----------|-----------------|--------|-------------------|----------|
| SYMBOL   | NAME     | TEMPERATURE | RESPONSE | FINISH (COLOR) | K FACTOR | CONNECTION SIZE | BRAND  | MODEL/PART NUMBER | COMMENTS |
|  | RECESSED | 155 DEG.    | QUICK    | WHITE          | 5.6      | 1/2"            | VIKING | VK462             | -        |
| NOTES:<br>OTHER THAN WHITE, COORDINATE COLOR WITH ARCHITECT. |          |             |          |                |          |                 |        |                   |          |

### FIRE PROTECTION CODE CRITERIA

THE FOLLOWING IS A LIST OF ALL CODES ADOPTED DECEMBER 31, 2020 BY THE STATE FIRE MARSHAL'S RULE 69A3.012 F.A.C.:

- FLORIDA BUILDING CODE 7TH EDITION (2020) - ALL SECTIONS
- FLORIDA ENERGY EFFICIENCY CODE (FBC 2020), FLORIDA ENERGY CODE SOFTWARE: ENERGY GAUGE SUMMIT VERSION 7.00
- FLORIDA FIRE PREVENTION CODE 7TH EDITION (2020)

69A-3.012 STANDARDS OF THE NATIONAL FIRE PROTECTION ASSOCIATION ADOPTED. (1) EXCEPT AS SPECIFICALLY MODIFIED BY STATUTE OR BY THE STATE FIRE MARSHAL'S RULES, THE FLORIDA FIRE PREVENTION CODE, 7TH EDITION (2020), WHICH IS COMPRISED OF THE FLORIDA SPECIFIC EDITION OF NFPA 101, THE LIFE SAFETY CODE (2018 EDITION) AND THE FLORIDA SPECIFIC EDITION OF NFPA 1, THE FIRE CODE (2018 EDITION), ARE HEREBY ADOPTED AND INCORPORATED BY REFERENCE AND ARE APPLICABLE TO THOSE BUILDINGS AND STRUCTURES SPECIFIED IN PARAGRAPHS (A) AND (B) OF SUBSECTION (1) OF SECTION 633.206, F.S. IN ADDITION, THE FOLLOWING STANDARDS, EXCEPT AS SPECIFICALLY MODIFIED IN THE RULE CHAPTERS IN RULE TITLE 69A, ARE HEREBY ADOPTED AND INCORPORATED BY REFERENCE AND SHALL TAKE EFFECT ON THE EFFECTIVE DATE OF THIS RULE, AS A PART OF THE UNIFORM FIRE SAFETY STANDARDS ADOPTED BY RULE BY THE STATE FIRE MARSHAL AND ARE APPLICABLE TO THOSE BUILDINGS AND STRUCTURES SPECIFIED IN PARAGRAPHS (A) AND (B) OF SUBSECTION (1) OF SECTION 633.206, F.S.:

- NFPA 13, 2016 EDITION, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
- NFPA 13R, 2016 EDITION, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS IN LOW-RISE RESIDENTIAL OCCUPANCIES
- NFPA 25, 2017 EDITION, STANDARD FOR THE INSPECTION, TESTING, AND MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS
- NFPA 70, 2017 EDITION, NATIONAL ELECTRIC CODE
- NFPA 72, 2016 EDITION, NATIONAL FIRE ALARM AND SIGNALING CODE

OTHER:

- LOCAL CODES AND ORDINANCES

NOTE: TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THESE FIRE PROTECTION DESIGN DRAWINGS COMPLY WITH THE ABOVE CODE CRITERIA. WHEN TWO OR MORE CODES OR STANDARDS ARE IN CONFLICT, THE MORE STRINGENT SHALL APPLY.

### FIRE PROTECTION GENERAL NOTES

NO EXCLUSIONS FROM OR LIMITATIONS IN THE LANGUAGE USED IN THE CONTRACT DOCUMENTS SHALL BE INTERPRETED AS MEANING THAT THE EQUIPMENT, APPURTENANCES, AND/OR ACCESSORIES NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM ARE NOT TO BE PROVIDED AS REQUIRED. THE SEPARATE DIVISIONAL CONTRACT DOCUMENTS DO NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY TO PROVIDE THE WORK WHICH IS INDICATED ON ANY OF THE DIVISIONAL CONTRACT DOCUMENTS. REVIEW AND COORDINATE THE SCOPE OF WORK WITH ALL DOCUMENTS AND TRADES TO ASSURE A COMPLETE AND FUNCTIONAL SYSTEM IS BID AND INSTALLED.

THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS REQUIRED TO COMMENCE AND COMPLETE FIRE PROTECTION WORK.

SUBMIT FULL SUBMITTALS OF ALL FIRE PROTECTION EQUIPMENT AND MATERIALS TO THE ENGINEER FOR REVIEW, WHETHER IT IS EXACTLY AS SPECIFIED OR NOT. FOR ALL EQUIPMENT WHICH HAS BEEN SCHEDULED DIRECTLY ON THE SUBMITTALS, THE SUBMITTAL A PERFORMANCE SCHEDULE FOR THE PROPOSED EQUIPMENT IN THE SAME FORMAT AS INCLUDED ON THE DRAWINGS. FAILURE TO PROVIDE REQUIRED PERFORMANCE SCHEDULE WILL RESULT IN REJECTION OF THE ENTIRE SUBMITTAL.

BIND COMPLETE SUBMITTALS IN A THREE RING BINDER(S) WITH A TITLE SHEET AND IDENTIFICATION ON FRONT AND SIDE OF THE BINDER. CONTACT ENGINEER FOR PRIOR APPROVAL TO SUBMIT PDF EMAILED SUBMITTALS. SUBMIT ALL FIRE PROTECTION PRODUCTS SUBMITTALS ALL AT ONE TIME. PARTIAL SUBMITTALS WILL NOT BE ACCEPTED FOR REVIEW AND APPROVAL. INDEX ALL ITEMS AS APPLICABLE. SUBMITTALS THAT DEVIATE FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS SHALL LIST ALL DIFFERENCES IN A COVER LETTER ATTACHED TO FRONT OF THE SUBMITTAL. ANY UNLISTED DEVIATIONS FOUND DURING REVIEW WILL RESULT IN THE REJECTION OF THE ENTIRE SUBMITTAL. FOR ITEMS REVIEWED AND MARKED "REJECTED" OR "REVISE AND RESUBMIT", ONLY ONE ADDITIONAL RE-SUBMITTAL WILL BE REVIEWED TO VERIFY PRODUCT COMPLIANCE WITH THE CONTRACT DOCUMENTS. SHOULD FURTHER SUBMITTALS BE REQUIRED BY THE ENGINEER TO VERIFY THE SUBMITTAL WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, THE HOURLY RATE OF \$150.00 WILL BE BILLED TO THE CONTRACTOR FOR THE ENGINEER'S TIME SPENT ON THE REVIEW.

THE CONTRACT DOCUMENTS AND SUBMITTALS OF ALL TRADES SHALL BE COORDINATED AND BE VIEWED IN CONNECTION AND CONJUNCTION WITH EACH OTHER TO INSURE THE PROPER LOCATION AND INSTALLATION OF ALL DEVICES AND EQUIPMENT. MAKE PARTICULAR NOTE OF LOCATIONS AND DIMENSIONS SHOWN ON THE ARCHITECTURAL FLOOR PLANS AND ELEVATIONS.

FIRE PROTECTION DRAWINGS INDICATE THE SCHEMATIC LAYOUT AND LOCATION OF THE FIRE PROTECTION SYSTEM COMPONENTS. UNLESS SPECIFIC DIMENSIONS ARE NOTED, THE ACTUAL LOCATION OF THESE COMPONENTS SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR IN COORDINATION WITH THE WORK OF OTHER TRADES, THE USE OF MANUFACTURER'S SUBMITTALS, AND SIMILAR CERTIFIED DATA.

THE SCHEDULING OF ALL WORK AND SHUTDOWNS OF ALL EXISTING SERVICES SHALL BE COORDINATED WITH THE OWNER TO THEIR SATISFACTION. THE OWNER RESERVES THE RIGHT TO DENY THE USE OF ANY TOOLS DUE TO NOISE.

ALL FIRE PROTECTION EQUIPMENT INSTALLED OUTDOORS SHALL BE SECURED TO ITS SUPPORT AS DETAILED BY THE STRUCTURAL ENGINEER FOR THE REQUIRED WIND LOAD DESIGN.

ALL EXTERIOR EXPOSED MATERIALS SHALL BE CONSTRUCTED OF NON-FERROUS MATERIALS AND BE PAINTED WITH TWO COATS OF RUST INHIBITOR PAINT.

INSTALL AND TEST ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS. MAINTAIN ADEQUATE SERVICE SPACE AS REQUIRED. SERVICE SPACE SHALL BE CLEAR OF DUCTS, PIPES, CONDUITS, WALL STUDS, CEILING HANGERS, AND ANY OTHER CONSTRUCTION APPURTENANCE.

ALL FIRE PROTECTION EQUIPMENT SHALL BE LABELED WITH ENGRAVED, LAMINATED, PLASTIC SIGNS. SIGNS SHALL BE 1/8" THICK AND A MINIMUM OF 1-3/4" HIGH WITH 1" HIGH LETTERS. LENGTH OF THE SIGN SHALL BE THE SUM OF THE LETTERS/NUMBERS PLUS 3/4" ON EACH END. EXTERIOR SIGNS SHALL BE UV RATED, DESIGNATED AND MANUFACTURED TO BE EXPOSED TO THE ELEMENTS.

LOCATION OF FIRE PROTECTION SENSORS SHALL BE COORDINATED WITH THE OTHER TRADES FOR A NEAT APPEARANCE. FINAL LOCATION OF THE SENSORS SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

AT PROJECT COMPLETION, THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 40 HOURS OF TRAINING ON THE OPERATION AND MAINTENANCE OF THE FIRE PROTECTION EQUIPMENT.

CONTRACTOR SHALL PROVIDE A ONE YEAR WARRANTY ON PARTS AND LABOR FROM THE DATE OF SUBSTANTIAL COMPLETION.

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ISSUE

|                             |            |
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| 100% CONSTRUCTION DOCUMENTS | 6/28/2022  |
| INTERVIEW REVIEW            | 07/27/2022 |
| BID ISSUE                   | 08/12/2022 |

DRAWN BY: AM  
CHECKED BY: MC

MAGNOLIA OAKS  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

THESE DRAWINGS ARE FIRE PROTECTION PERFORMANCE SPECIFICATION ONLY. FIRE PROTECTION CONTRACTOR TO BE DESIGNER AND ENGINEER OF RECORD PER FAC 61G15-32.2. SEE NOTES ON SHEET F000 FOR MORE INFORMATION.

F000

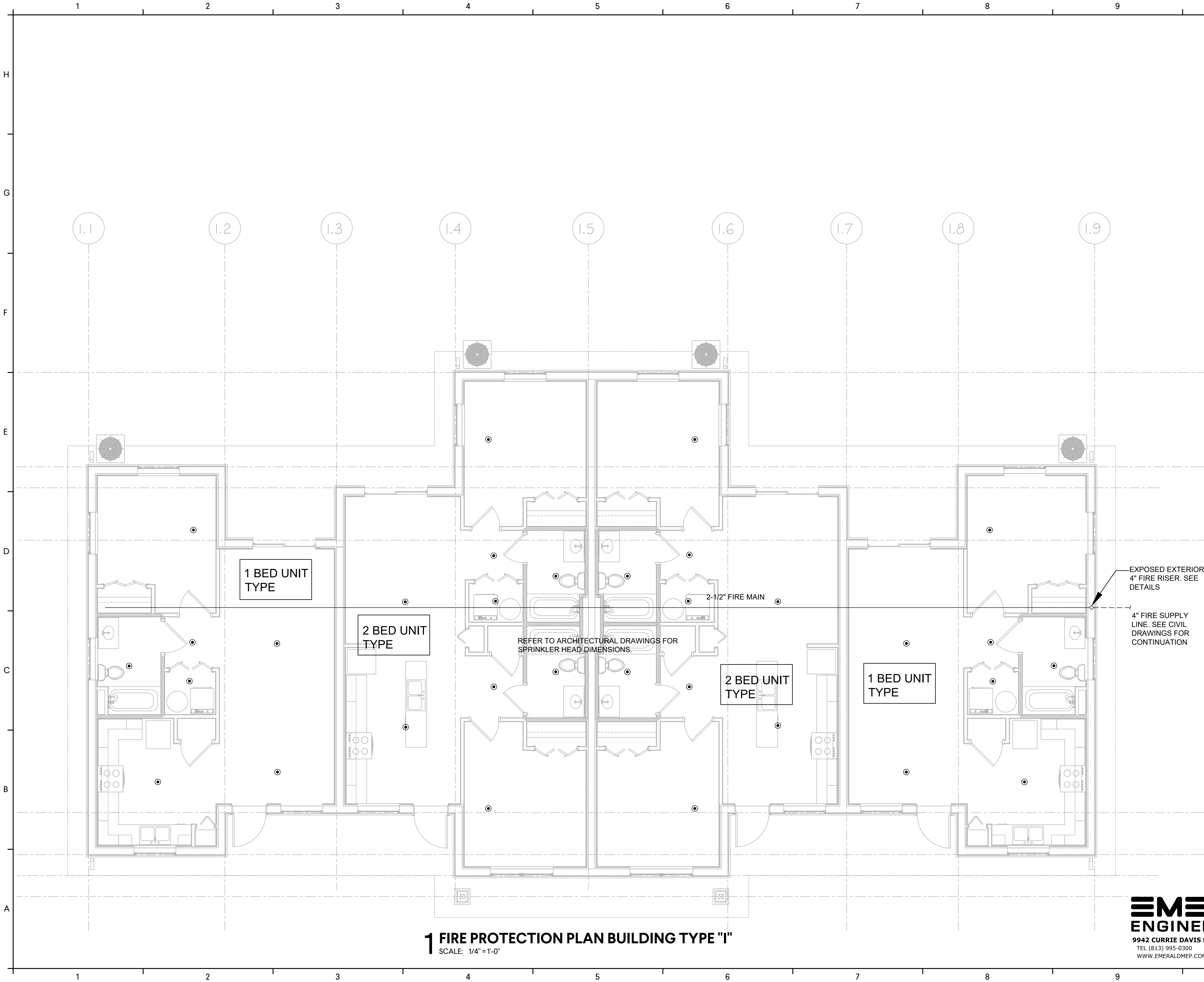
NOTES, LEGENDS, AND ABBREVIATIONS

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EEI PROJECT# 200701



3/14/2022 10:34:06 AM    TEMPLATE VERSION: 3.4



**1 FIRE PROTECTION PLAN BUILDING TYPE "I"**  
SCALE: 1/4" = 1'-0"

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**FIRE PROTECTION  
PLAN BUILDING  
TYPE "I"**

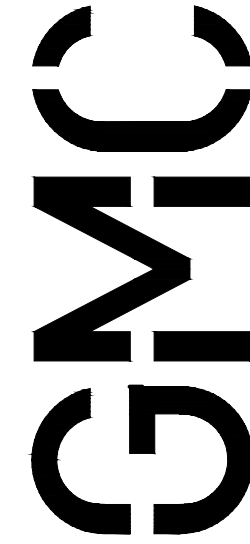
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INFORMATION.

**MAGNOLIA OAKS**  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

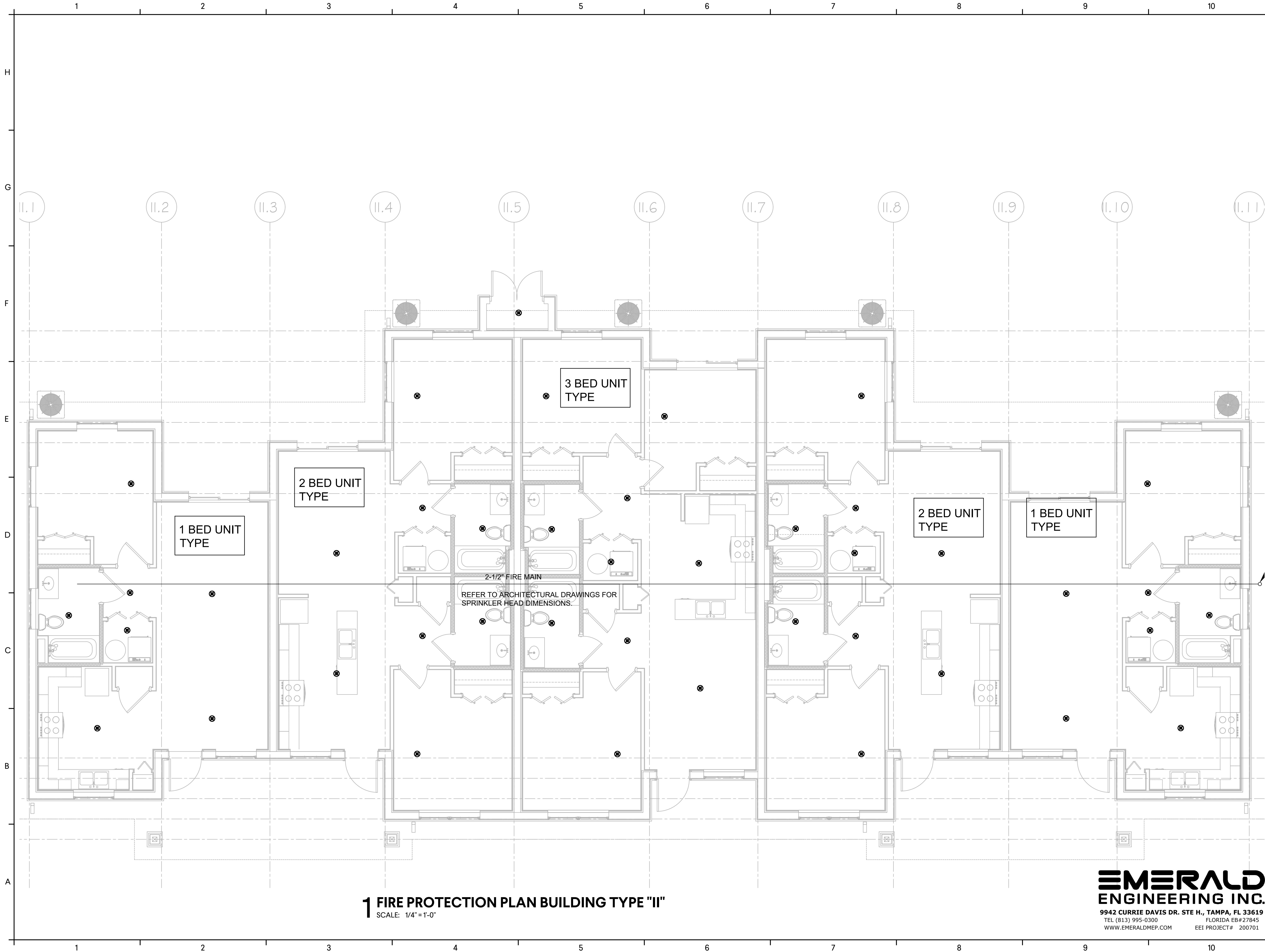
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**1 FIRE PROTECTION PLAN BUILDING TYPE "II"**  
SCALE: 1/4" = 1'-0"

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INFORMATION. SEE SHEET F100 FOR MORE

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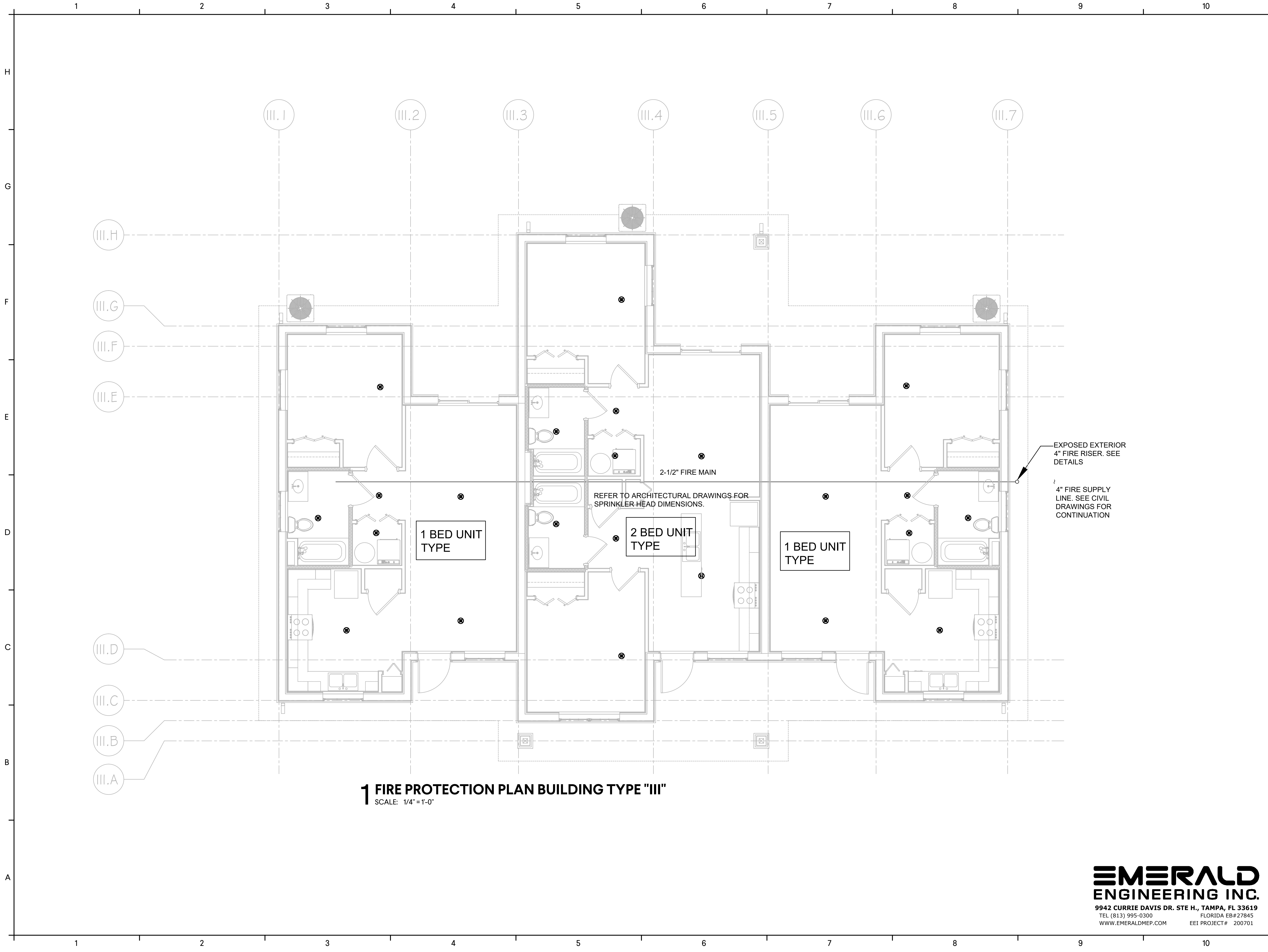
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**FIRE PROTECTION**  
**PLAN BUILDING**  
**TYPE "II"**

**F112**

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**1 FIRE PROTECTION PLAN BUILDING TYPE "III"**  
SCALE: 1/4" = 1'-0"

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**FIRE PROTECTION  
PLAN BUILDING  
TYPE "III"**

**F113**

**MAGNOLIA OAKS**  
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MASSACHUSETTS AVE  
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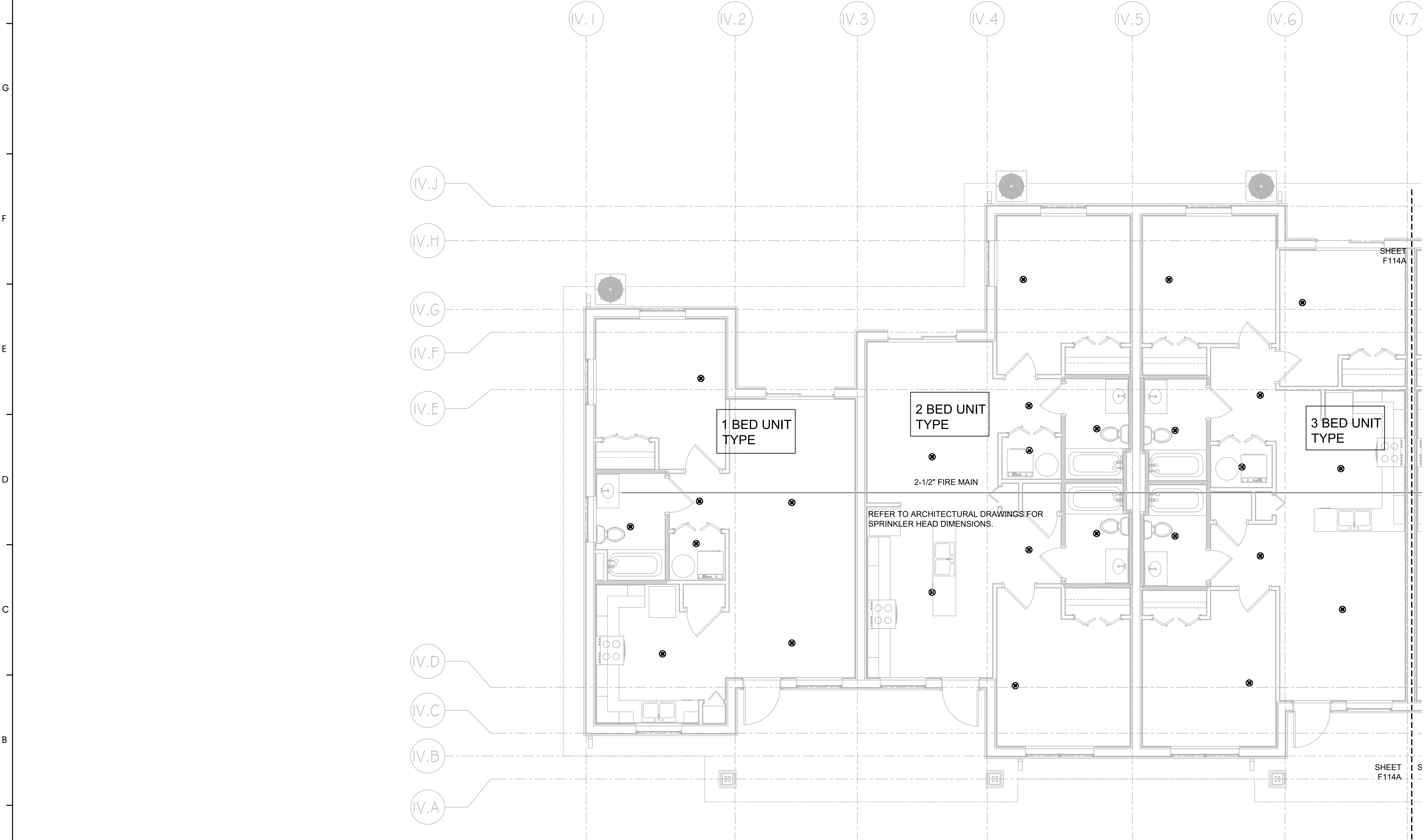
THESE DRAWINGS ARE FIRE PROTECTION  
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PROTECTION CONTRACTOR TO DESIGNER  
AND ENGINEER OF RECORD PER FAC 61G15-322.  
SEE NOTES ON SHEET F000 FOR MORE  
INFORMATION.

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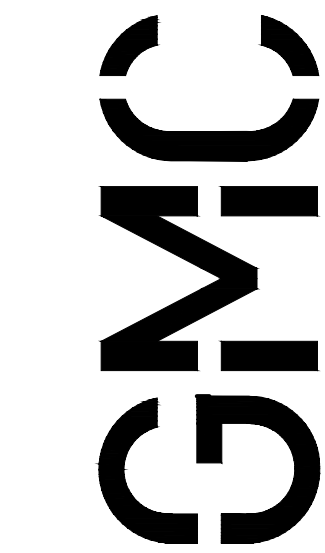
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**1 FIRE PROTECTION PLAN BUILDING TYPE "IV"**  
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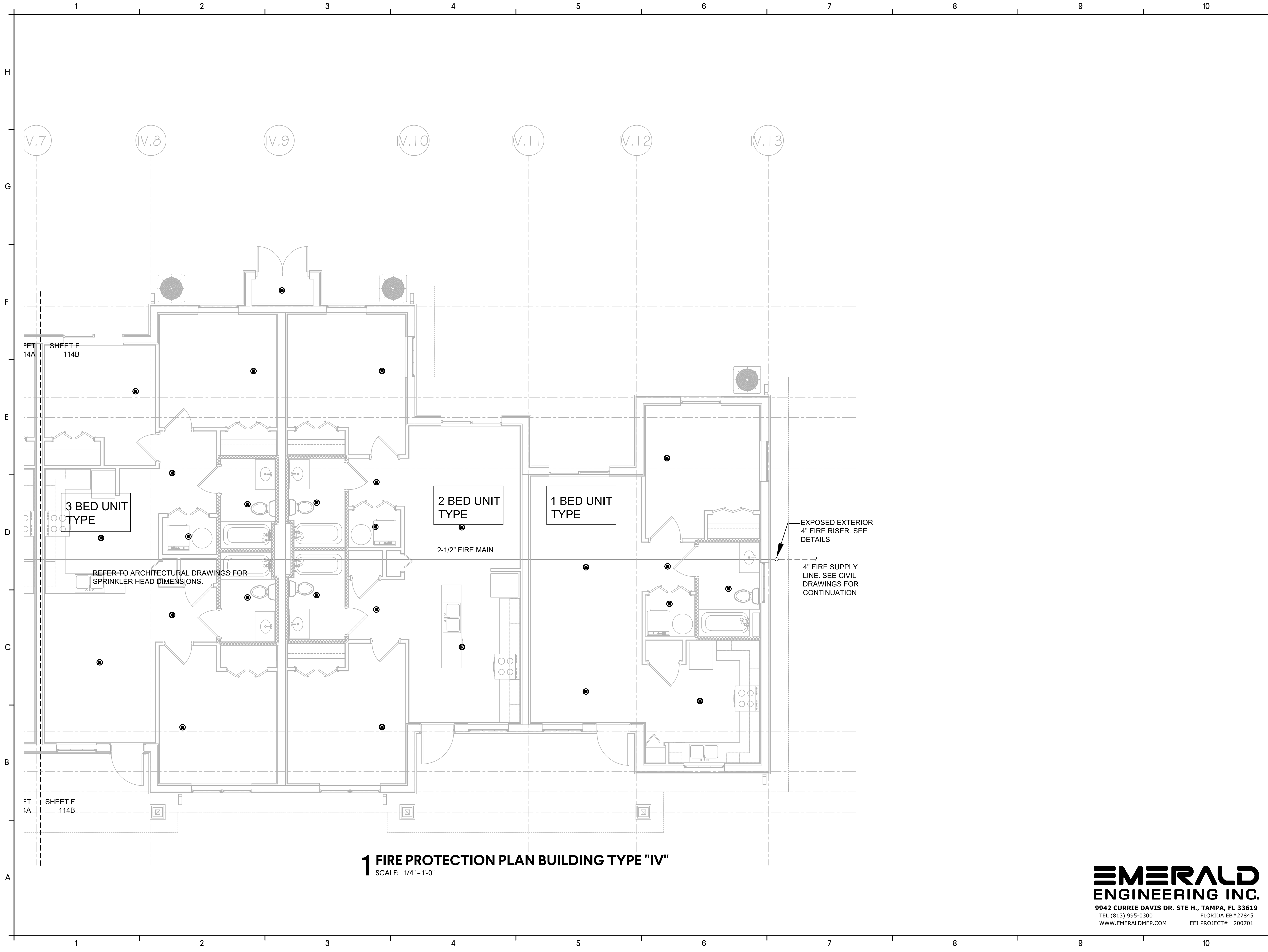
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PROTECTION CONTRACTOR TO BE DESIGNER  
AND ENGINEER OF RECORD PER FAC 81G15-322.  
SEE SHEET F100 FOR MORE  
INFORMATION.

**FIRE PROTECTION  
PLAN BUILDING  
TYPE "IV"**

**F114-A**

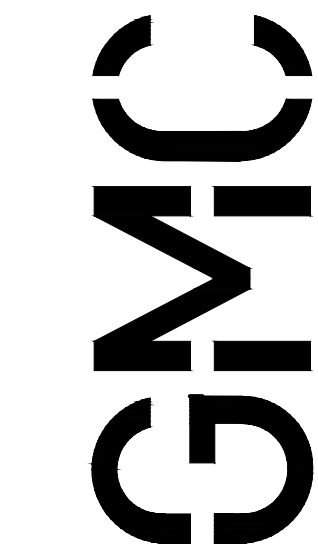
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**1 FIRE PROTECTION PLAN BUILDING TYPE "IV"**  
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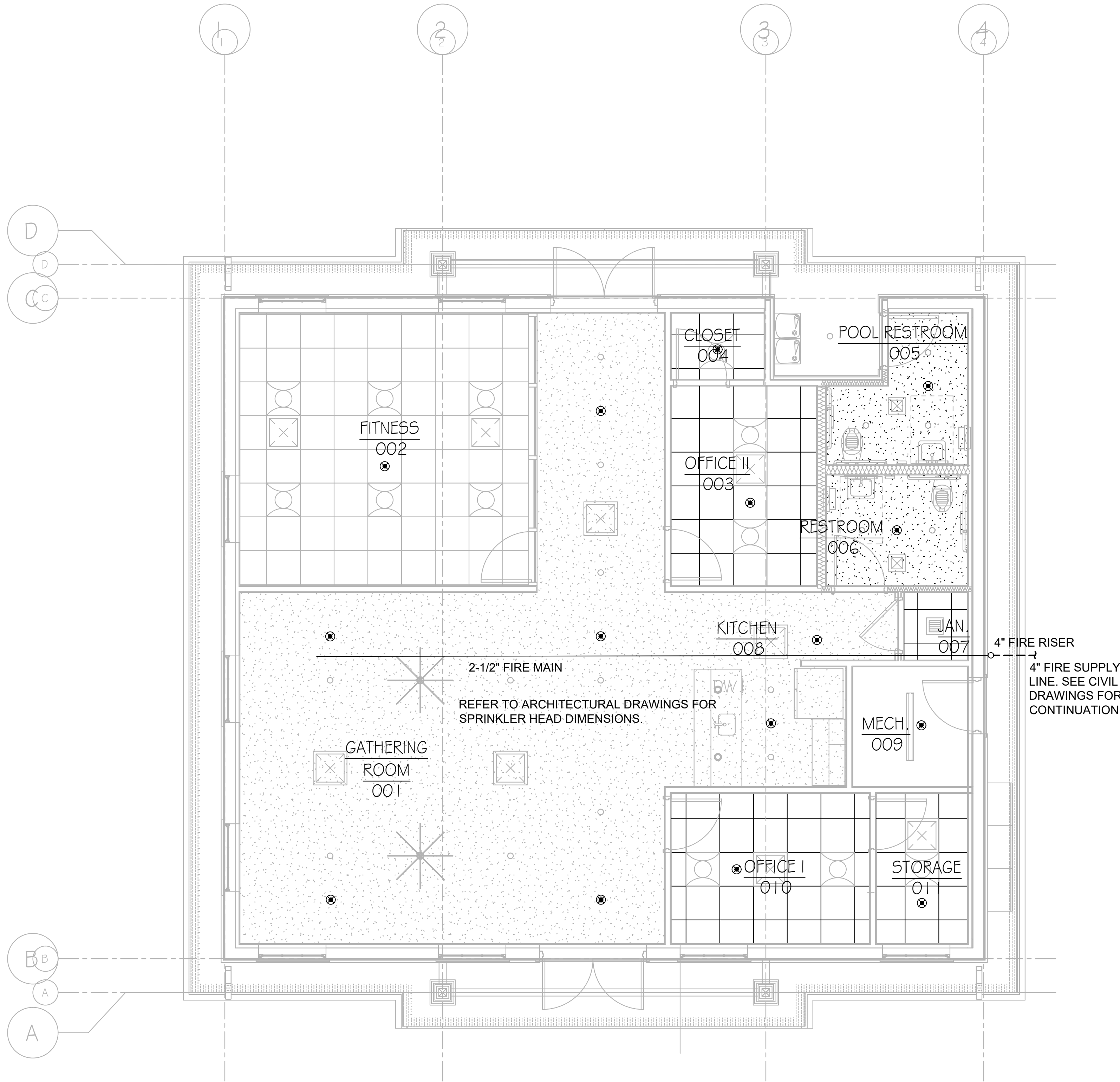
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PROTECTION CONTRACTOR TO BE DESIGNER  
AND ENGINEER OF RECORD PER FAC 61615-322.  
SEE NOTES ON SHEET F000 FOR MORE  
INFORMATION.

FIRE PROTECTION  
PLAN BUILDING  
TYPE "IV"

F114-B

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**1 FIRE PROTECTION PLAN CLUBHOUSE**  
SCALE: 1/4" = 1'-0"

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**FIRE PROTECTION  
PLAN  
CLUBHOUSE  
F115**

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PROTECTION CONTRACTOR TO BE DESIGNER  
AND ENGINEER OF RECORD PER FAC 61015-322.  
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GENERAL NOTES

1. THE CONTRACTOR SHALL REFER TO THE ELECTRICAL SPECIFICATIONS FOR ADDITIONAL DESIGN STANDARDS. THE ELECTRICAL SPECIFICATIONS ARE A BINDING PART OF THE CONSTRUCTION DOCUMENTS.

2. ALL MATERIALS USED FOR CONSTRUCTION SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. RACEWAY AND CABLES SHALL RUN PARALLEL OR PERPENDICULAR TO WALL AND CEILING STRUCTURES FOR A NEAT APPEARANCE. ALL MATERIAL AND INSTALLATION WILL BE SUBJECT TO OWNER'S APPROVAL. COORDINATE AND SCHEDULE INSPECTIONS WITH THE AHJ AND THE OWNER ACCORDINGLY.

3. PRIOR TO ROUGH-IN FOR LIGHTING SWITCHES, VERIFY ALL DOOR SWINGS WITH ARCHITECTURAL PLANS.

4. ARRANGE LIGHTING FIXTURES IN ACCORDANCE WITH THE ARCHITECTURAL REFLECTED CEILING PLANS.

5. COORDINATE LIGHTING FIXTURES INSTALLATION WITH GRILLES, DIFFUSERS, SPRINKLER HEADS, AND ACCESS PANELS. PROVIDE FIXTURE MOUNTING BRACKETS, ACCESSORIES, PLASTER FRAMES, ETC. SUITABLE FOR THE CEILING TYPES INDICATED ON THE ARCHITECTURAL PLANS.

6. SYMBOLS NOT LISTED IN THE LEGEND ARE IDENTIFIED WHERE THEY OCCUR ON THE DRAWINGS.

7. PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY AND HAVE EXISTING UNDERGROUND UTILITIES SURVEYED AND INDICATED.

8. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING FIRE STOPPING AT WALL, FLOOR AND CEILING PENETRATIONS WHERE CONDUIT PENETRATIONS OCCUR IN FIRE RATED CONSTRUCTION. FIRE STOPPING AT CONDUIT PENETRATIONS SHALL BE U.L. LISTED.

9. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC ONLY. FURNISH ALL REQUIRED JUNCTION BOXES, PULL BOXES, FITTINGS, CONDUIT BODIES, SUPPORT, ACCESS DOORS, HARDWARE, ACCESSORIES, ETC. REQUIRED FOR A COMPLETE AND WORKING ELECTRICAL SYSTEM, WHETHER OR NOT SUCH EQUIPMENT IS INDICATED ON THE DRAWINGS.

10. THE CONTRACTOR SHALL COORDINATE WITH ALL CONTRACT DOCUMENTS AND EQUIPMENT SHOP DRAWINGS.

11. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES BEFORE INSTALLATION OF HIS WORK IN CHASES, CEILING SPACES AND OTHER AREAS WHERE CONFLICT MAY OCCUR.

12. REFER TO MECHANICAL, PLUMBING AND FIRE PROTECTION DRAWINGS FOR EXACT LOCATION AND REQUIREMENTS OF MECHANICAL, PLUMBING AND FIRE PROTECTION EQUIPMENT.

13. ALL ELECTRICAL EQUIPMENT AND MATERIAL SHALL BE NEW AND FREE FROM DEFECT EXCEPT WHERE SPECIFICALLY SHOWN TO REUSE EXISTING MATERIAL. ALL EQUIPMENT AND MATERIAL USED SHALL BE LISTED AND LABELED UNDERWRITER'S LABORATORY (U.L.).

14. ALL WORK SHALL BE SUITABLE FOR THE ENVIRONMENT THAT IT IS INSTALLED.

15. COORDINATE THE INSTALLATION OF THE UTILITY TRANSFORMER WITH THE APPROPRIATE POWER COMPANY. CONFIRM WITHIN 10 DAYS OF THE AWARD OF CONTRACT THAT THE AVAILABLE FAULT CURRENT AT THE TRANSFORMER SECONDARY BUSHINGS DOES NOT EXCEED THE DESIGNED FAULT CURRENT AT THE SERVICE ENTRANCE EQUIPMENT. NOTIFY THE ENGINEER IMMEDIATELY IF THE DESIGNED FAULT CURRENT IS EXCEEDED.

16. VISIT THE SITE OF THE PROPOSED PROJECT TO BECOME FAMILIAR WITH CONDITIONS AND NATURE OF THE WORK PRIOR TO SUBMITTING BIDS. NOTIFY THE ENGINEER OF DISCREPANCIES OR OMISSIONS FOR INTERPRETATION OR DECISION PRIOR TO SUBMITTING BIDS. SUBMISSION OF A PROPOSAL WILL BE EVIDENCE THAT SUCH FAMILIARIZATION HAS BEEN ATTAINED.

17. WHERE CONTRACTOR PROPOSES ALTERNATE SOLUTIONS, DIFFERENT ROUTINGS OF CONDUIT, DIFFERENT LOCATIONS OF EQUIPMENT, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OF THE RAMIFICATIONS OF THE PROPOSED CHANGE THAT ARE NOT INCLUDED IN HIS PROPOSAL, BUT BECOME APPARENT AT A LATER DATE, AND SHALL BE RESPONSIBLE FOR ALL COST AND CONSEQUENCES OF CORRECTING ANY AND ALL CONFLICTS, DEFICIENCIES OR PROBLEMS THAT INCREASE COST, INCREASE CONSTRUCTION TIME OR CREATE CODE VIOLATIONS.

18. INFORMATION SHOWN ON THE DRAWINGS AS TO THE LOCATION OF EXISTING UTILITIES HAS BEEN PREPARED FROM THE MOST RELIABLE DATA AVAILABLE TO THE ENGINEER. IT IS TO BE UNDERSTOOD THAT UNFORESEEN CONDITIONS PROBABLY EXIST AND NEW WORK MAY NOT BE LOCATED EXACTLY AS SHOWN ON THE DRAWINGS. COORDINATION WITH OTHER TRADES FOR LOCATION AND BURIAL DEPTHS WILL BE REQUIRED AND ANY SUCH REQUIRED DEVIATIONS SHALL BE CONSIDERED PART OF THIS SCOPE OF WORK. SITE UTILITY INFORMATION IS NOT GUARANTEED. THEREFORE THE CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATIONS AND DEPTHS OF EXISTING UTILITIES PRIOR TO BEGINNING WORK. PROTECT ANY EXISTING UTILITIES TO REMAIN FROM DAMAGE DURING THE COURSE OF CONSTRUCTION

19. PROVIDE DEDICATED NEUTRAL WIRES FOR ALL BRANCH CIRCUITS U.N.O.

20. WHERE THE WORD "PROVIDE" IS USED, THIS SHALL MEAN "FURNISH AND INSTALL".

21. COMPLY WITH SAFETY REGULATIONS INCLUDING BUT NOT LIMITED TO OSHA, NFPA-70E AND ALL ELECTRICAL SAFETY REGULATIONS.

22. PROVIDE DEDICATED RACEWAYS FOR ALL EMERGENCY WIRING. DO NOT COMBINE WITH OTHER TYPES OF WIRING.

23. PROVIDE GROUNDING AND BONDING OF ALL METALLIC RACEWAY, BOXES, WIREWAY, DEVICES AND EQUIPMENT IN ACCORDANCE WITH THE NEC. PROVIDE GROUNDING CONDUCTOR IN ALL POWER CONDUITS.
24. INSTALL ALL DEVICES AND EQUIPMENT IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATIONS AND U.L. REQUIREMENTS.

25. WHERE THE SIZE OF A JUNCTION BOX, PULL BOX OR WIREWAY IS NOT INDICATED ON THE DRAWINGS, THE SIZE SHALL BE SELECTED IN ACCORDANCE WITH THE NEC. WHERE THE ENCLOSURE TYPE OF THE JUNCTION BOX, PULL BOX OR WIREWAY IS NOT INDICATED ON THE DRAWINGS, THE ENCLOSURE TYPE SHALL BE SUITABLE FOR THE ENVIRONMENT WHERE IT IS BEING INSTALLED IN ACCORDANCE THE NEC.

26. VOLTAGE DROP FOR FEEDERS AND BRANCH CIRCUITS HAVE BEEN INCLUDED IN THE DESIGN OF THE ELECTRICAL SYSTEM TO MEET A MAXIMUM OF 5% VOLTAGE DROP PERMITTED BY 2020 FBC ENERGY CONSERVATION CODE C405.5.3.

27. PROVIDE LABELS FOR ALL PANELBOARDS, CABINETS, SAFETY SWITCHES AND MOTOR CONTROLLERS. LABELS SHALL BE MACHINE ENGRAVED, LAMINATED PLASTIC, PERMANENTLY ATTACHED WITH SELF-TAPPING SCREWS OR RIVETS.

28. PROVIDE TYPE WRITTEN PANELBOARD DIRECTORY CARD IN EACH PANELBOARD WITH CIRCUIT LOAD INFORMATION AND ROOM NUMBER/LOAD DESCRIPTION CLEARLY IDENTIFIED. USE ACTUAL ROOM NUMBERS IN THE BUILDING WHEN DIFFER FROM ROOM NUMBERS SHOWN ON THE CONTRACT DOCUMENTS. HAND WRITTEN DIRECTORIES ARE NOT ACCEPTABLE.

29. LABEL ALL JUNCTION BOXES WITH PERMANENT MARKER IDENTIFYING PANEL'S NAME AND CIRCUIT NUMBERS WITHIN.

30. ALL MOTORS SHALL HAVE DISCONNECTING MEANS.

31. WHERE FUSE PROTECTION IS SPECIFICALLY REQUIRED BY THE EQUIPMENT MANUFACTURER, PROVIDE FUSED SWITCHES IN LIEU OF NON-FUSED SWITCHES OR ENCLOSED CIRCUIT BREAKERS, OR OTHER DEVICES INDICATED.

32. SECURE APPROVED SHOP DRAWINGS SHOWING WIRING DIAGRAMS, ROUGH-IN AND ELECTRICAL INSTALLATION DETAILS FROM OTHER INVOLVED CONTRACTORS FOR EQUIPMENT WHICH MUST BE CONNECTED ELECTRICALLY.

33. MECHANICAL EQUIPMENT WILL BE PROVIDED BY MECHANICAL CONTRACTOR. THE LOCATIONS SHOWN ON THE ELECTRICAL DRAWINGS ARE APPROXIMATE. COORDINATE WITH MECHANICAL CONTRACTOR TO DETERMINE THE EXACT LOCATION OF EACH PIECE OF EQUIPMENT AND DETERMINE THE EXACT ROUGH-IN AND CONNECTION REQUIREMENTS.

34. HVAC DAMPERS AND CONTROLS. SYSTEM CONTRACTORS SHALL COORDINATE WITH THE EQUIPMENT AND SYSTEM BEING PROVIDED AND PROVIDE POWER CONNECTIONS ACCORDINGLY. THESE CONNECTIONS SHALL BE FOR FIRE/SMOKE DAMPERS, DDC CONTROL DEVICES, ETC. CONTRACTOR SHALL COORDINATE THE VOLTAGE REQUIREMENTS AND PROVIDE ALL NECESSARY CONNECTIONS, COMPONENTS, ETC. INCLUDING TRANSFORMERS, BOXES, ETC.

35. COORDINATE FINAL LOCATIONS OF ELECTRICAL EQUIPMENT WITH MECHANICAL DUCTWORK, PIPING, ETC. AND ASSURE WORKING CLEARANCE REQUIRED BY NEC WILL BE MET. SUFFICIENT ACCESS AND WORKING SPACE SHALL BE PROVIDED AND MAINTAINED AROUND ELECTRICAL EQUIPMENT AS REQUIRED BY NEC.

36. WHERE INDIVIDUALLY MOUNTED SAFETY SWITCH, STARTER OR ENCLOSED CIRCUIT BREAKER IS SHOWN ADJACENT TO ITS RESPECTIVE LOAD AND NOT MOUNTED ON A WALL, PROVIDE ALL SUPPORTS, BRACKETS, ANCHORING, ETC. NECESSARY TO PROPERLY SUPPORT THE DEVICE.

37. THOROUGHLY REVIEW AND COORDINATE ALL CASEWORK AND CABINETS DRAWINGS AND ARCHITECTURAL ELEVATIONS WITH DEVICE LOCATIONS PRIOR TO ROUGH-IN OF OUTLET BOXES.

38. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE FIRE ALARM CONTRACTOR SYSTEM PROVIDER AND PROVIDE POWER CONNECTIONS AS REQUIRED.

39. EMPTY RACEWAYS SHALL BE PROVIDED WITH PULL WIRES.

40. ALL SYSTEMS SHALL BE TESTED FOR PERFORMANCE VERIFICATION IN THE PRESENCE OF THE INSPECTOR, AT THE COMPLETION OF THE PROJECT. ALLOW 6 HOURS FOR TRAINING OWNER'S PERSONNEL ON ALL SYSTEMS.

41. UNDERGROUND CONDUIT WHICH EXTENDS OUTSIDE OF THE STRUCTURE SHALL BE MINIMUM 24" BELOW GRADE. CONDUIT WITHIN THE PERIMETER OF THE STRUCTURE SHALL BE MINIMUM 6" BELOW SLAB U.N.O. RACEWAYS SHALL NOT BE ROUTED IN SLAB ON GRADE.

42. WHERE CONDUIT CROSS BUILDING EXPANSION JOINTS, USE SUITABLE SLIDING EXPANSION FITTINGS.

CODES & STANDARDS

- FLORIDA BUILDING CODE 2020
- THE FLORIDA FIRE PREVENTION CODE 2020 EDITION
- NFPA 70: NATIONAL ELECTRICAL CODE 2017
- NFPA 72: NATIONAL FIRE ALARM & SIGNALING CODE 2016 EDITION

ELECTRICAL SHEET INDEX

| SHEET NUMBER | SHEET TITLE                              |
|--------------|--|
| E000         | ELECTRICAL SCHEDULES & SHEET INDEX       |
| E111         | ELECTRICAL PLAN LEVEL 1 - TYPE 'I'       |
| E112         | ELECTRICAL PLAN LEVEL 1 - TYPE 'II'      |
| E113         | ELECTRICAL PLAN LEVEL 1 - TYPE 'III'     |
| E114A        | ELECTRICAL PLAN LEVEL 1 - TYPE 'IV'      |
| E114B        | ELECTRICAL PLAN LEVEL 1 - TYPE 'IV'      |
| E115         | LIGHTING PLAN LEVEL 1 - CLUBHOUSE        |
| E215         | POWER & SYSTEMS PLAN LEVEL 1 - CLUBHOUSE |
| E501         | ELECTRICAL RISER DIAGRAMS                |
| E601         | ELECTRICAL SCHEDULES                     |
| E602         | ELECTRICAL SCHEDULES                     |

POWER LEGEND

| SYMBOL | DESCRIPTION  | MOUNTING  |
|--------|--|---|
|        | NON-FUSED DISCONNECT SWITCH, CURRENT RATING/FUSING/NUMBER OF POLES/ENCLOSURE | 60" AFF TO TOP UNLESS NOTED OTHERWISE   |
|        | FUSED DISCONNECT SWITCH, CURRENT RATING/FUSING/NUMBER OF POLES/ENCLOSURE     | 60" AFF TO TOP UNLESS NOTED OTHERWISE   |
|        | BRANCH CIRCUIT PANELBOARD, 120/208 V OR 120/240 V, SURFACE MOUNT             | 72" AFF TO TOP UNLESS NOTED OTHERWISE   |
|        | BRANCH CIRCUIT PANELBOARD, 120/208 V OR 120/240 V, FLUSH MOUNT               | 72" AFF TO TOP UNLESS NOTED OTHERWISE   |
|        | RESIDENTIAL UNIT LOAD CENTER, 120/208 V OR 120/240 V, FLUSH MOUNT            | HIGHEST CIRCUIT BREAKER IN LOAD CENTER SHALL BE MTD AT 46" AFF CENTER OF HANDLE |
|        | DISTRIBUTION PANELBOARD, 120/208 V OR 120/240 V, SURFACE MOUNT               | 72" AFF TO TOP UNLESS NOTED OTHERWISE   |
|        | SURGE PROTECTION DEVICE.   | PANEL MOUNTED   |
|        | ELECTRIC METER   | 60" AFF TO TOP UNLESS NOTED OTHERWISE   |
|        | PUSH BUTTON  | AS INDICATED  |

SYSTEMS LEGEND

| SYMBOL | DESCRIPTION  | MOUNTING                                     |
|--------|--|--|
|        | TELEPHONE OUTLET   | 18" AFF TO CENTERLINE UNLESS NOTED OTHERWISE |
|        | COMMUNICATIONS OUTLET FOR DATA AND TELEPHONE: 4" SQUARE BOX WITH SINGLE GANG FLUSH RING. 1" CONDUIT STUBBED UP INTO ACCESSIBLE CEILING SPACE WITH END PLASTIC BUSHING AND PULL STRING. CABLING, TERMINATIONS AND ELECTRONICS BY OWNER'S COMMUNICATIONS VENDOR. | 18" AFF TO CENTERLINE UNLESS NOTED OTHERWISE |
|        | TELEVISION OUTLET. PROVIDE POWER OUTLET WITHIN 12" OF TV OUTLET.   | 18" AFF TO CENTERLINE UNLESS NOTED OTHERWISE |
|        | TELEPHONE PLYWOOD BOARD (4"x8"x3/4")   | AS NOTED                                     |

FIRE ALARM LEGEND

| SYMBOL | DESCRIPTION  | MOUNTING   |
|--------|--|--|
|        | FIRE ALARM PULLSTATION, SEMI-FLUSH MOUNT ON RECESSED BOX.                      | 48" AFF TO TOP UNLESS NOTED OTHERWISE                          |
|        | FIRE ALARM HORN/STROBE COMBO, ADA COMPLIANT, SEMI-FLUSH MOUNT ON RECESSED BOX. | THE ENTIRE LENS NOT LESS THAN 80" AND NOT GREATER THAN 96" AFF |
|        | SMOKE DETECTOR, SURFACE MOUNT ON RECESSED BOX.                                 | CEILING UNLESS NOTED OTHERWISE                                 |
|        | HEAT DETECTOR, SURFACE MOUNT ON RECESSED BOX.                                  | CEILING UNLESS NOTED OTHERWISE                                 |
|        | FIRE ALARM CONTROL PANEL   | 72" AFF TO TOP UNLESS NOTED OTHERWISE                          |
|        | FIRE ALARM SPRINKLER FLOW SWITCH   | COORDINATE WITH DIV 15   |
|        | FIRE ALARM SPRINKLER TAMPER SWITCH   | COORDINATE WITH DIV 15   |
|        | FIRE ALARM BELL, ADA COMPLIANT, SEMI-FLUSH MOUNT ON RECESSED BOX.              | COORDINATE WITH DIV 15   |

SECURITY LEGEND

| SYMBOL | DESCRIPTION   | MOUNTING                                    |
|--------|---|---|
|        | CCTV SURVEILLANCE CAMERA. IP NETWORK, MINI DOME CAMERA. | AS REQUIRED BY SECURITY EQUIPMENT INSTALLER |
|        | CARD READER.  | AS REQUIRED BY SECURITY EQUIPMENT INSTALLER |
|        | KEYPAD.   | AS REQUIRED BY SECURITY EQUIPMENT INSTALLER |
|        | DOOR CONTACT.   | AS REQUIRED BY SECURITY EQUIPMENT INSTALLER |
|        | GLASS BREAK DETECTOR / WINDOW CONTACT.                  | AS REQUIRED BY SECURITY EQUIPMENT INSTALLER |

ABBREVIATIONS

|     |                               |     |                                  |     |                        |
|-----|-------------------------------|-----|----------------------------------|-----|------------------------|
| AC  | ABOVE COUNTER                 | CTE | CONNECT TO EXISTING              | N   | NEW                    |
| AFF | ABOVE FINISHED FLOOR          | EX  | EXISTING                         | RL  | RELOCATED              |
| AFG | ABOVE FINISHED GRADE          | GFI | GROUND FAULT CURRENT INTERRUPTER | UG  | UNDERGROUND            |
| AHJ | AUTHORITY HAVING JURISDICTION | IAW | IN ACCORDANCE WITH               | UNO | UNLESS NOTED OTHERWISE |
| BFG | BELOW FINISHED GRADE          | IG  | ISOLATED GROUND                  | WP  | WEATHER PROOF          |
| CLG | CEILING MOUNTED               |     |                                  |     |                        |

LIGHTS LEGEND

| SYMBOL | DESCRIPTION  | MOUNTING             |
|--------|--|----------------------|
|        | WALL MOUNT FIXTURE ON FLUSH 4" SQUARE J-BOX, LETTER INDICATES TYPE   | SEE FIXTURE SCHEDULE |
|        | STRIP FIXTURE WITH REQUIRED MOUNTING HARDWARE; 4" OR 8" AS SHOWN ON PLANS, LETTER INDICATES TYPE                       | SEE FIXTURE SCHEDULE |
|        | WALLBRACKET FIXTURE ON 4" SQUARE FLUSH J-BOX, LENGTH: 2', 3', OR 4' AS SHOWN ON PLANS, LETTER INDICATES TYPE           | SEE FIXTURE SCHEDULE |
|        | TROFFER FIXTURE, LETTER INDICATES TYPE   | SEE FIXTURE SCHEDULE |
|        | DOWNLIGHT, LETTER INDICATES TYPE.  | SEE FIXTURE SCHEDULE |
|        | PENDANT MOUNT DOWNLIGHT WITH TRIM AND MOUNTING HARDWARE. LETTER INDICATES TYPE.  | SEE FIXTURE SCHEDULE |
|        | FIXTURES SHOWN WITH A SOLID HATCHED CIRCLE PROVIDE EMERGENCY OR LIFE SAFETY LIGHTING. CONNECT TO EMERGENCY POWER.      | NA                   |
|        | EXIT LIGHT, SHADING INDICATES NUMBER OF FACES, ARROWS INDICATE DIRECTIONAL INDICATORS REQUIRED. LETTER INDICATES TYPE. | SEE FIXTURE SCHEDULE |
|        | BATTERY POWERED EMERGENCY EGRESS LIGHT WITH WALL BRACKET, (2) HEAD UNLESS OTHERWISE NOTED. LETTER INDICATES TYPE.      | SEE FIXTURE SCHEDULE |

LIGHTING CONTROLS LEGEND

| SYMBOL | DESCRIPTION  | MOUNTING                                    |
|--------|--|---|
|        | SWITCH, SINGLE POLE, 20 A, 120/277 VAC. REFER TO SPECIFICATIONS FOR DEVICE COLOR, WALL PLATE COLOR AND MATERIAL, AND DEVICE MODEL NUMBER.                  | 48" AFF TO TOP UNLESS NOTED OTHERWISE       |
|        | SWITCH, THREE-WAY, 20 A, 120/277 VAC. REFER TO SPECIFICATIONS FOR DEVICE COLOR, WALL PLATE COLOR AND MATERIAL, AND DEVICE MODEL NUMBER.                    | 48" AFF TO TOP UNLESS NOTED OTHERWISE       |
|        | OCCUPANCY SENSOR   | CEILING                                     |
|        | OCCUPANCY SENSOR SWITCH, SINGLE POLE, 20 A, 120/277 VAC. REFER TO SPECIFICATIONS FOR DEVICE COLOR, WALL PLATE COLOR AND MATERIAL, AND DEVICE MODEL NUMBER. | 48" AFF TO TOP UNLESS NOTED OTHERWISE       |
|        | TIME-SWITCH AS INDICATED.  | 66" AFF TO TOP UNLESS NOTED OTHERWISE       |
|        | LIGHTING CONTACTOR AS INDICATED.   | 66" AFF TO TOP UNLESS NOTED OTHERWISE       |
|        | PHOTO CONTROL DEVICE AS INDICATED.   | EXTERIOR OF BUILDING UNLESS NOTED OTHERWISE |

RECEPTACLE LEGEND

| SYMBOL | DESCRIPTION   | MOUNTING                                     |
|--------|---|--|
|        | DUPLEX RECEPTACLE, 20 A, 120 VAC. REFER TO SPECIFICATIONS FOR DEVICE COLOR, WALL PLATE REQUIREMENTS, AND DEVICE MODEL NUMBER.                         | 18" AFF TO CENTERLINE UNLESS NOTED OTHERWISE |
|        | DUPLEX RECEPTACLE, 20 A, 120 VAC. REFER TO SPECIFICATIONS FOR DEVICE COLOR, WALL PLATE REQUIREMENTS, AND DEVICE MODEL NUMBER.                         | ABOVE COUNTER UNLESS NOTED OTHERWISE         |
|        | TWO (2) DUPLEX RECEPTACLES IN COMMON BOX, 20 A, 120 VAC. REFER TO SPECIFICATIONS FOR DEVICE COLOR, WALL PLATE REQUIREMENTS, AND DEVICE MODEL NUMBER.  | 18" AFF TO CENTERLINE UNLESS NOTED OTHERWISE |
|        | TWO (2) DUPLEX RECEPTACLES IN COMMON BOX, 20 A, 120 VAC. REFER TO SPECIFICATIONS FOR DEVICE COLOR, WALL PLATE REQUIREMENTS, AND DEVICE MODEL NUMBER.  | ABOVE COUNTER UNLESS NOTED OTHERWISE         |
|        | SIMPLEX RECEPTACLE, 20 A, 120 VAC. REFER TO SPECIFICATIONS FOR DEVICE COLOR, WALL PLATE REQUIREMENTS, AND DEVICE MODEL NUMBER.                        | 18" AFF TO CENTERLINE UNLESS NOTED OTHERWISE |
|        | SIMPLEX RECEPTACLE, 20 A, 120 VAC. LOWER OUTLET SWITCHED. REFER TO SPECIFICATIONS FOR DEVICE COLOR, WALL PLATE REQUIREMENTS, AND DEVICE MODEL NUMBER. | 18" AFF TO CENTERLINE UNLESS NOTED OTHERWISE |
|        | SIMPLEX RECEPTACLE, SPECIAL PURPOSE, SINGLE PHASE, CURRENT RATING AS NOTED, NEMA CONFIGURATION AS REQUIRED, WITH MATCHING COVER PLATE.                | AS NOTED                                     |
|        | SIMPLEX RECEPTACLE, DRYER OUTLET, 30 A, 125/250 VAC, 3P, 4W, NEMA 14-30, WITH MATCHING COVER PLATE. LEVITON: 278                                      | AS NOTED                                     |
|        | SIMPLEX RECEPTACLE, RANGE OUTLET, 50 A, 125/250 VAC, 3P, 4W, NEMA 14-50, WITH MATCHING COVER PLATE. LEVITON: 279                                      | AS NOTED                                     |
|        | HOME RUN TO PANEL. LABEL INDICATES PANEL NAME AND CIRCUIT NUMBER(S). ALL CONDUCTORS ARE #12 AWG Cu UNLESS NOTED OTHERWISE.                            | SEE SPECIFICATIONS                           |
|        | RACEWAY CONCEALED IN WALL OR ABOVE CEILINGS   | SEE SPECIFICATIONS                           |
|        | RACEWAY CONCEALED UNDER FLOOR OR BELOW GRADE  | SEE SPECIFICATIONS                           |
|        | RACEWAY EXPOSED ON WALL OR CEILING  | SEE SPECIFICATIONS                           |

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FLORIDA EB#27845  
EEI PROJECT# 200701

ELECTRICAL  
SCHEDULES &  
SHEET INDEX

E000

ISSUE DATE

|                             |            |
|-----------------------------|------------|
| DESIGN DEVELOPMENT          | 3/25/2022  |
| 100% CONSTRUCTION DOCUMENTS | 6/28/2022  |
| INTEREST REVIEW             | 07/27/2022 |
| BID ISSUE                   | 08/12/2022 |
|                             |            |
|                             |            |
| DRAWN BY: AM                |            |
| CHECKED BY: MC              |            |

MAGNOLIA OAKS

7240 & 7338

MASSACHUSETTS AVE

NEW PORT RICHEY, FLORIDA

FL REG. NO. PE73853

ADAM T. POWELL, PE

A

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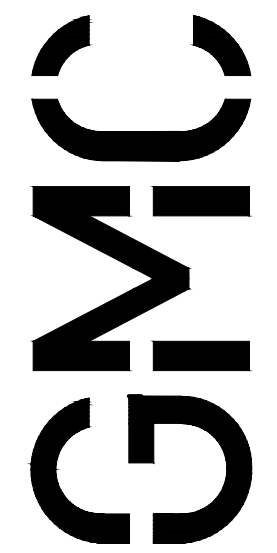
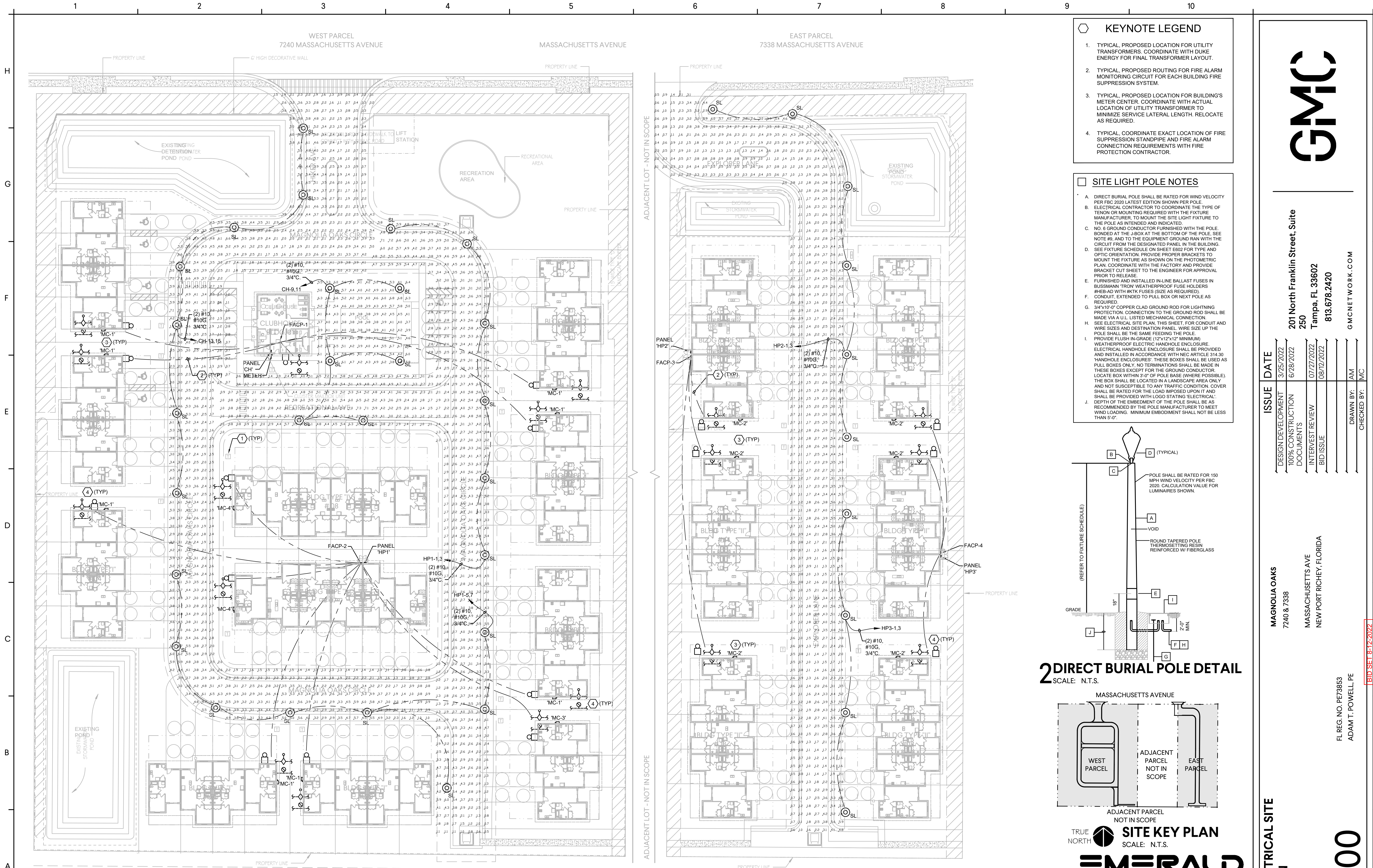
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| ISSUE                       | DATE       |
|-----------------------------|------------|
| DESIGN DEVELOPMENT          | 3/25/2022  |
| 100% CONSTRUCTION DOCUMENTS | 6/28/2022  |
| INTERVIEW REVIEW            | 07/27/2022 |
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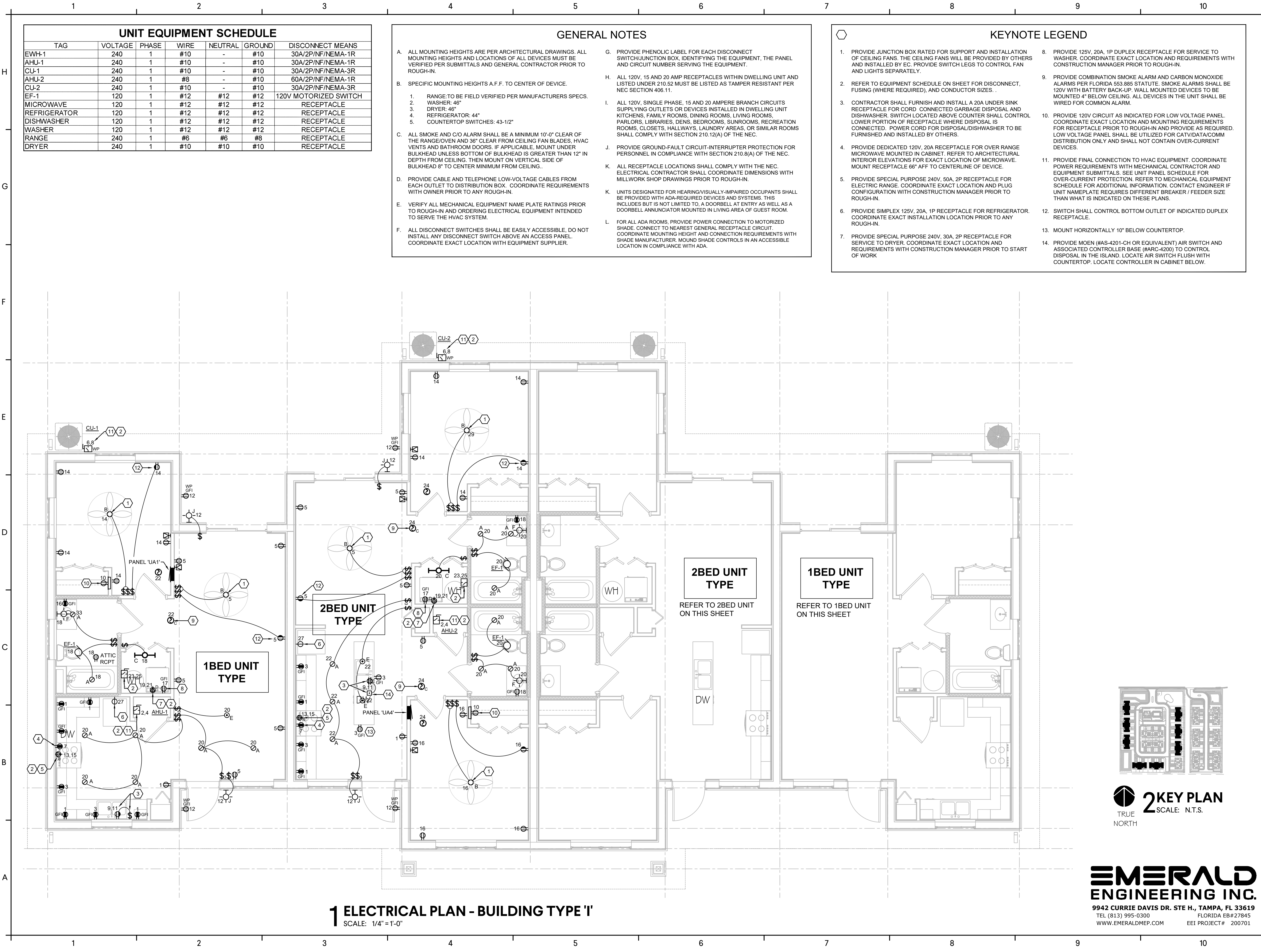
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7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

FL REG. NO. PE73853  
ADAM T. POWELL, PE

ELECTRICAL SITE PLAN

E100

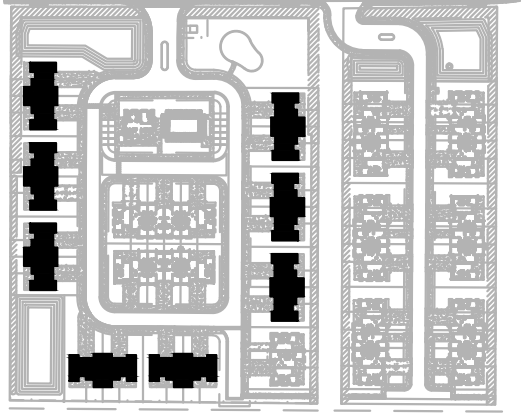




1 ELECTRICAL PLAN - BUILDING TYPE 'I'  
SCALE: 1/4" = 1'-0"

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**2KEY PLAN**  
TRUE NORTH  
SCALE: N.T.S.

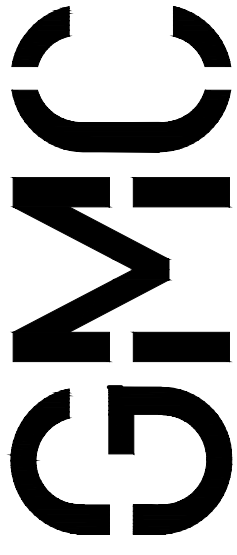


ELECTRICAL PLAN -  
BUILDING TYPE 'I'

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7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

| ISSUE                       | DATE       |
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| BID ISSUE                   | 08/12/2022 |
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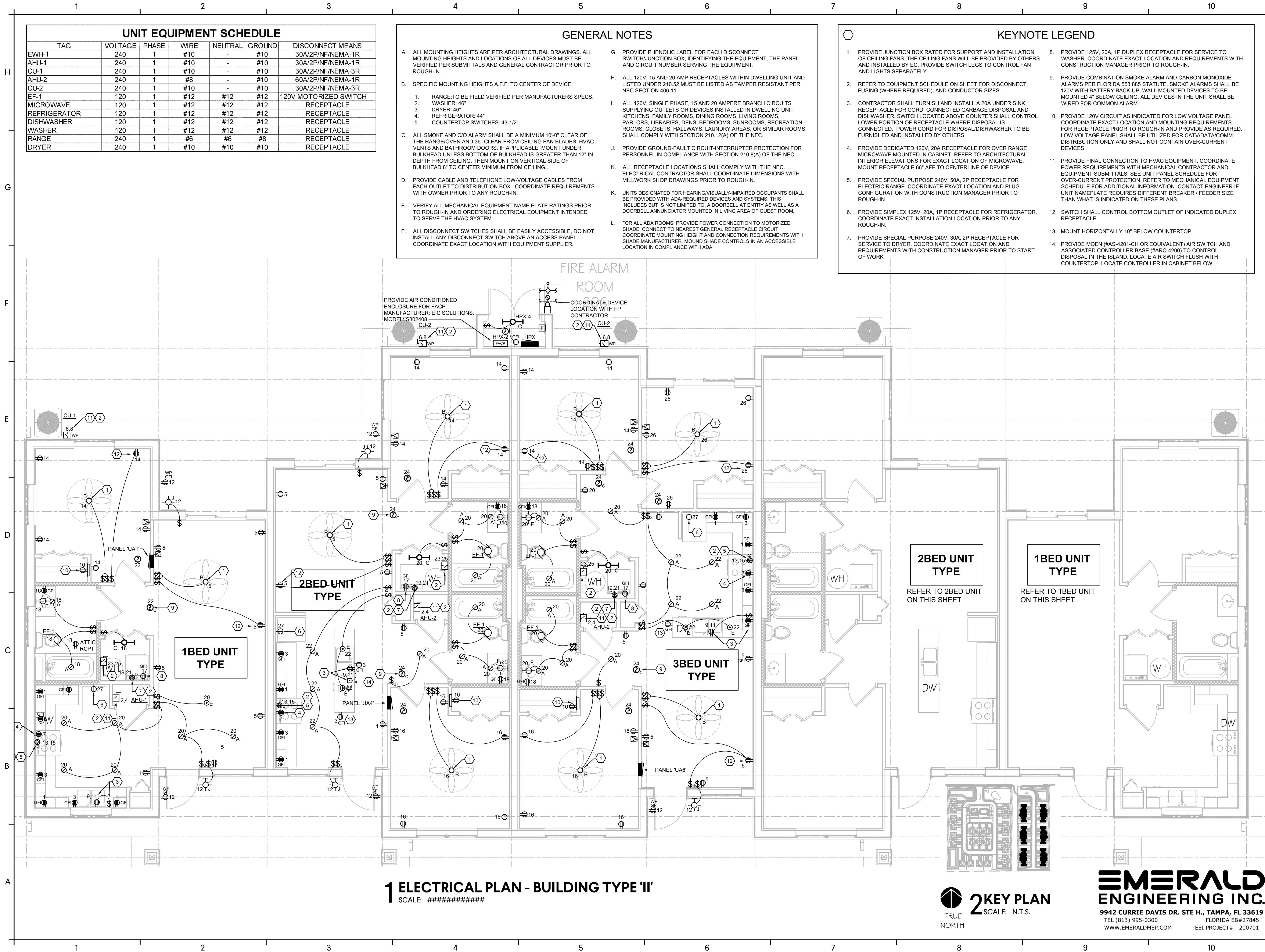


E111

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BID SET 8-12-2022





1 ELECTRICAL PLAN - BUILDING TYPE 'II'  
SCALE: #####



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ELECTRICAL PLAN -  
BUILDING TYPE 'II'

E112

MAGNOLIA OAKS  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

ISSUE DATE

|                             |            |
|-----------------------------|------------|
| DESIGN DEVELOPMENT          | 3/25/2022  |
| 100% CONSTRUCTION DOCUMENTS | 6/28/2022  |
| INTERVIEW REVIEW            | 07/27/2022 |
| BID ISSUE                   | 08/12/2022 |

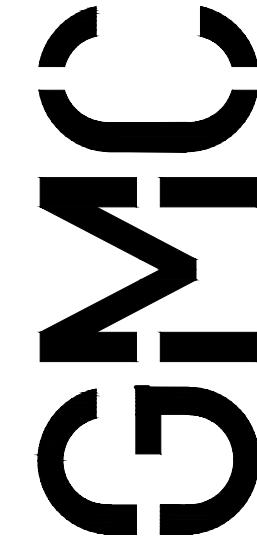
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BID SET: 8-12-2022

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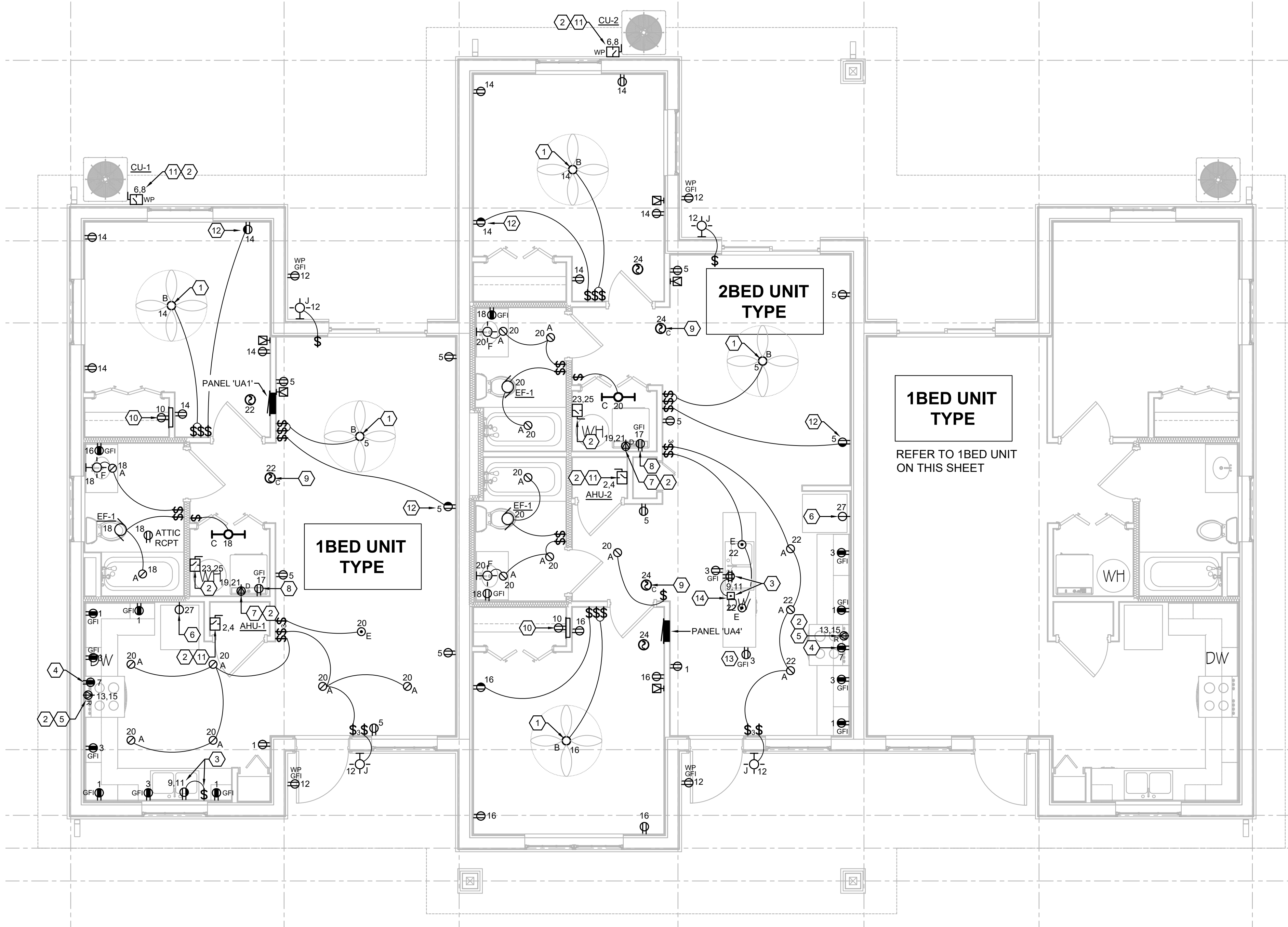
| UNIT EQUIPMENT SCHEDULE |         |       |      |         |        |                       |
|-------------------------|---------|-------|------|---------|--------|-----------------------|
| TAG                     | VOLTAGE | PHASE | WIRE | NEUTRAL | GROUND | DISCONNECT MEANS      |
| EWV-1                   | 240     | 1     | #10  | -       | #10    | 30A/2P/NF/NEMA-1R     |
| AHU-1                   | 240     | 1     | #10  | -       | #10    | 30A/2P/NF/NEMA-1R     |
| CU-1                    | 240     | 1     | #10  | -       | #10    | 30A/2P/NF/NEMA-3R     |
| AHU-2                   | 240     | 1     | #8   | -       | #10    | 60A/2P/NF/NEMA-1R     |
| CU-2                    | 240     | 1     | #10  | -       | #10    | 30A/2P/NF/NEMA-3R     |
| EF-1                    | 120     | 1     | #12  | #12     | #12    | 120V MOTORIZED SWITCH |
| MICROWAVE               | 120     | 1     | #12  | #12     | #12    | RECEPTACLE            |
| REFRIGERATOR            | 120     | 1     | #12  | #12     | #12    | RECEPTACLE            |
| DISHWASHER              | 120     | 1     | #12  | #12     | #12    | RECEPTACLE            |
| WASHER                  | 120     | 1     | #12  | #12     | #12    | RECEPTACLE            |
| RANGE                   | 240     | 1     | #6   | #6      | #8     | RECEPTACLE            |
| DRYER                   | 240     | 1     | #10  | #10     | #10    | RECEPTACLE            |

### GENERAL NOTES

- A. ALL MOUNTING HEIGHTS ARE PER ARCHITECTURAL DRAWINGS. ALL MOUNTING HEIGHTS AND LOCATIONS OF ALL DEVICES MUST BE VERIFIED PER SUBMITTALS AND GENERAL CONTRACTOR PRIOR TO ROUGH-IN.
- B. SPECIFIC MOUNTING HEIGHTS A.F.F. TO CENTER OF DEVICE.
- RANGE: TO BE FIELD VERIFIED PER MANUFACTURERS SPECS.
  - WASHER: 46"
  - DRYER: 46"
  - REFRIGERATOR: 44"
  - COUNTERTOP SWITCHES: 43-1/2"
- C. ALL SMOKE AND C/O ALARM SHALL BE A MINIMUM 10'-0" CLEAR OF THE RANGE/OVEN AND 36" CLEAR FROM CEILING FAN BLADES, HVAC VENTS AND BATHROOM DOORS. IF APPLICABLE, MOUNT UNDER BULKHEAD UNLESS BOTTOM OF BULKHEAD IS GREATER THAN 12" IN DEPTH FROM CEILING. THEN MOUNT ON VERTICAL SIDE OF BULKHEAD 8" TO CENTER MINIMUM FROM CEILING..
- D. PROVIDE CABLE AND TELEPHONE LOW-VOLTAGE CABLES FROM EACH OUTLET TO DISTRIBUTION BOX. COORDINATE REQUIREMENTS WITH OWNER PRIOR TO ANY ROUGH-IN.
- E. VERIFY ALL MECHANICAL EQUIPMENT NAME PLATE RATINGS PRIOR TO ROUGH-IN AND ORDERING ELECTRICAL EQUIPMENT INTENDED TO SERVE THE HVAC SYSTEM.
- F. ALL DISCONNECT SWITCHES SHALL BE EASILY ACCESSIBLE, DO NOT INSTALL ANY DISCONNECT SWITCH ABOVE AN ACCESS PANEL. COORDINATE EXACT LOCATION WITH EQUIPMENT SUPPLIER.
- G. PROVIDE PHENOLIC LABEL FOR EACH DISCONNECT SWITCH/JUNCTION BOX, IDENTIFYING THE EQUIPMENT, THE PANEL AND CIRCUIT NUMBER SERVING THE EQUIPMENT.
- H. ALL 120V, 15 AND 20 AMP RECEPTACLES WITHIN DWELLING UNIT AND LISTED UNDER 210.52 MUST BE LISTED AS TAMPER RESISTANT PER NEC SECTION 406.11.
- I. ALL 120V, SINGLE PHASE, 15 AND 20 AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES INSTALLED IN DWELLING UNIT KITCHENS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, LAUNDRY AREAS, OR SIMILAR ROOMS SHALL COMPLY WITH SECTION 210.12(A) OF THE NEC.
- J. PROVIDE GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL IN COMPLIANCE WITH SECTION 210.8(A) OF THE NEC.
- K. ALL RECEPTACLE LOCATIONS SHALL COMPLY WITH THE NEC. ELECTRICAL CONTRACTOR SHALL COORDINATE DIMENSIONS WITH MILLWORK SHOP DRAWINGS PRIOR TO ROUGH-IN.
- K. UNITS DESIGNATED FOR HEARING/VISUALLY-IMPAIRED OCCUPANTS SHALL BE PROVIDED WITH ADA-REQUIRED DEVICES AND SYSTEMS. THIS INCLUDES BUT IS NOT LIMITED TO, A DOORBELL AT ENTRY AS WELL AS A DOORBELL ANNUNCIATOR MOUNTED IN LIVING AREA OF GUEST ROOM.
- L. FOR ALL ADA ROOMS, PROVIDE POWER CONNECTION TO MOTORIZED SHADE. CONNECT TO NEAREST GENERAL RECEPTACLE CIRCUIT. COORDINATE MOUNTING HEIGHT AND CONNECTION REQUIREMENTS WITH SHADE MANUFACTURER. MOUNT SHADE CONTROLS IN AN ACCESSIBLE LOCATION IN COMPLIANCE WITH ADA.

### KEYNOTE LEGEND

- PROVIDE JUNCTION BOX RATED FOR SUPPORT AND INSTALLATION OF CEILING FANS. THE CEILING FANS WILL BE PROVIDED BY OTHERS AND INSTALLED BY EC. PROVIDE SWITCH LEGS TO CONTROL FAN AND LIGHTS SEPARATELY.
- REFER TO EQUIPMENT SCHEDULE ON SHEET FOR DISCONNECT, FUSING (WHERE REQUIRED), AND CONDUCTOR SIZES. .
- CONTRACTOR SHALL FURNISH AND INSTALL A 20A UNDER SINK RECEPTACLE FOR CORD CONNECTED GARBAGE DISPOSAL AND DISHWASHER. SWITCH LOCATED ABOVE COUNTER SHALL CONTROL LOWER PORTION OF RECEPTACLE WHERE DISPOSAL IS CONNECTED. POWER CORD FOR DISPOSAL/DISHWASHER TO BE FURNISHED AND INSTALLED BY OTHERS.
- PROVIDE DEDICATED 120V, 20A RECEPTACLE FOR OVER RANGE MICROWAVE MOUNTED IN CABINET. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR EXACT LOCATION OF MICROWAVE. MOUNT RECEPTACLE 66" AFF TO CENTERLINE OF DEVICE.
- PROVIDE SPECIAL PURPOSE 240V, 50A, 2P RECEPTACLE FOR ELECTRIC RANGE. COORDINATE EXACT LOCATION AND PLUG CONFIGURATION WITH CONSTRUCTION MANAGER PRIOR TO ROUGH-IN.
- PROVIDE SIMPLEX 125V, 20A, 1P RECEPTACLE FOR REFRIGERATOR. COORDINATE EXACT INSTALLATION LOCATION PRIOR TO ANY ROUGH-IN.
- PROVIDE SPECIAL PURPOSE 240V, 30A, 2P RECEPTACLE FOR SERVICE TO DRYER. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH CONSTRUCTION MANAGER PRIOR TO START OF WORK
- PROVIDE 125V, 20A, 1P DUPLEX RECEPTACLE FOR SERVICE TO WASHER. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH CONSTRUCTION MANAGER PRIOR TO ROUGH-IN.
- PROVIDE COMBINATION SMOKE ALARM AND CARBON MONOXIDE ALARMS PER FLORIDA 553.885 STATUTE. SMOKE ALARMS SHALL BE 120V WITH BATTERY BACK-UP. WALL MOUNTED DEVICES TO BE MOUNTED 4" BELOW CEILING. ALL DEVICES IN THE UNIT SHALL BE WIRED FOR COMMON ALARM.
- PROVIDE 120V CIRCUIT AS INDICATED FOR LOW VOLTAGE PANEL. COORDINATE EXACT LOCATION AND MOUNTING REQUIREMENTS FOR RECEPTACLE PRIOR TO ROUGH-IN AND PROVIDE AS REQUIRED. LOW VOLTAGE PANEL SHALL BE UTILIZED FOR CATV/DATA/COMM DISTRIBUTION ONLY AND SHALL NOT CONTAIN OVER-CURRENT DEVICES.
- PROVIDE FINAL CONNECTION TO HVAC EQUIPMENT. COORDINATE POWER REQUIREMENTS WITH MECHANICAL CONTRACTOR AND EQUIPMENT SUBMITTALS. SEE UNIT PANEL SCHEDULE FOR OVER-CURRENT PROTECTION. REFER TO MECHANICAL EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION. CONTACT ENGINEER IF UNIT NAMEPLATE REQUIRES DIFFERENT BREAKER / FEEDER SIZE THAN WHAT IS INDICATED ON THESE PLANS.
- SWITCH SHALL CONTROL BOTTOM OUTLET OF INDICATED DUPLEX RECEPTACLE.
- MOUNT HORIZONTALLY 10" BELOW COUNTERTOP.
- PROVIDE MOEN (#AS-4201-CH OR EQUIVALENT) AIR SWITCH AND ASSOCIATED CONTROLLER BASE (#ARC-4200) TO CONTROL DISPOSAL IN THE ISLAND. LOCATE AIR SWITCH FLUSH WITH COUNTERTOP. LOCATE CONTROLLER IN CABINET BELOW.



**1 ELECTRICAL PLAN - BUILDING TYPE 'III'**  
SCALE: 1/4" = 1'-0"

**2KEY PLAN**  
TRUE NORTH  
SCALE: N.T.S.

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**ELECTRICAL PLAN - BUILDING TYPE 'III'**

**E113**

**MAGNOLIA OAKS**  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

201 North Franklin Street, Suite  
250  
Tampa, FL 33602  
813.678.2420

FL REG. NO. PE73853  
ADAM T. POWELL, PE

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| ISSUE                       | DATE       |
|-----------------------------|------------|
| DESIGN DEVELOPMENT          | 3/25/2022  |
| 100% CONSTRUCTION DOCUMENTS | 6/28/2022  |
| INTERVEST REVIEW            | 07/27/2022 |
| BID ISSUE                   | 08/12/2022 |
| DRAWN BY: AM                |            |
| CHECKED BY: MC              |            |

BID SET 8-12-2022



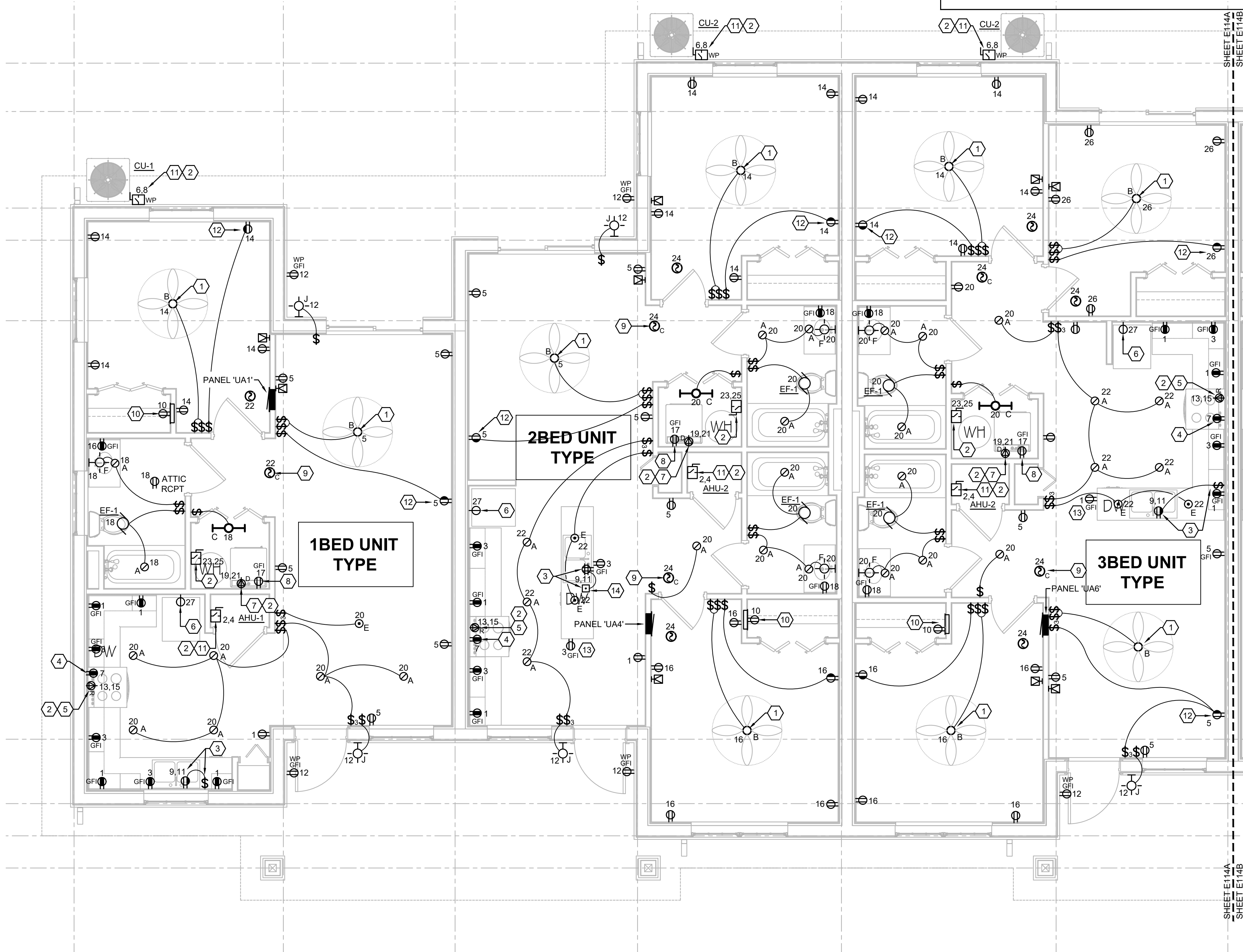
| UNIT EQUIPMENT SCHEDULE |         |       |      |         |        |                       |
|-------------------------|---------|-------|------|---------|--------|-----------------------|
| TAG                     | VOLTAGE | PHASE | WIRE | NEUTRAL | GROUND | DISCONNECT MEANS      |
| EW-H-1                  | 240     | 1     | #10  | -       | #10    | 30A/2P/NF/NEMA-1R     |
| AHU-1                   | 240     | 1     | #10  | -       | #10    | 30A/2P/NF/NEMA-1R     |
| CU-1                    | 240     | 1     | #10  | -       | #10    | 30A/2P/NF/NEMA-3R     |
| AHU-2                   | 240     | 1     | #8   | -       | #10    | 60A/2P/NF/NEMA-1R     |
| CU-2                    | 240     | 1     | #10  | -       | #10    | 30A/2P/NF/NEMA-3R     |
| EF-1                    | 120     | 1     | #12  | #12     | #12    | 120V MOTORIZED SWITCH |
| MICROWAVE               | 120     | 1     | #12  | #12     | #12    | RECEPTACLE            |
| REFRIGERATOR            | 120     | 1     | #12  | #12     | #12    | RECEPTACLE            |
| DISHWASHER              | 120     | 1     | #12  | #12     | #12    | RECEPTACLE            |
| WASHER                  | 120     | 1     | #12  | #12     | #12    | RECEPTACLE            |
| RANGE                   | 240     | 1     | #6   | #6      | #8     | RECEPTACLE            |
| DRYER                   | 240     | 1     | #10  | #10     | #10    | RECEPTACLE            |

### GENERAL NOTES

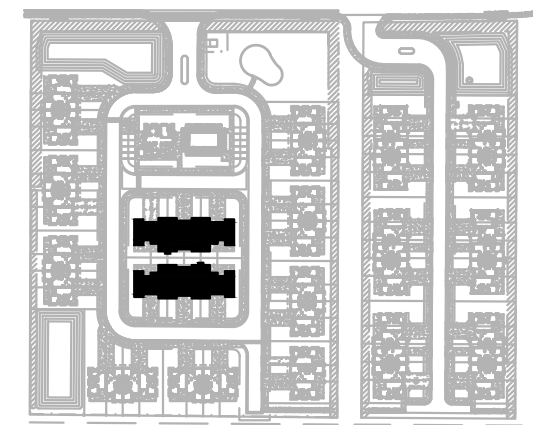
- A. ALL MOUNTING HEIGHTS ARE PER ARCHITECTURAL DRAWINGS. ALL MOUNTING HEIGHTS AND LOCATIONS OF ALL DEVICES MUST BE VERIFIED PER SUBMITTALS AND GENERAL CONTRACTOR PRIOR TO ROUGH-IN.
- B. SPECIFIC MOUNTING HEIGHTS A.F.F. TO CENTER OF DEVICE.
- RANGE: TO BE FIELD VERIFIED PER MANUFACTURERS SPECS.
  - WASHER: 46"
  - DRYER: 46"
  - REFRIGERATOR: 44"
  - COUNTERTOP SWITCHES: 43-1/2"
- C. ALL SMOKE AND C/O ALARM SHALL BE A MINIMUM 10'-0" CLEAR OF THE RANGE/OVEN AND 36" CLEAR FROM CEILING FAN BLADES, HVAC VENTS AND BATHROOM DOORS. IF APPLICABLE, MOUNT UNDER BULKHEAD UNLESS BOTTOM OF BULKHEAD IS GREATER THAN 12" IN DEPTH FROM CEILING. THEN MOUNT ON VERTICAL SIDE OF BULKHEAD 8" TO CENTER MINIMUM FROM CEILING..
- D. PROVIDE CABLE AND TELEPHONE LOW-VOLTAGE CABLES FROM EACH OUTLET TO DISTRIBUTION BOX. COORDINATE REQUIREMENTS WITH OWNER PRIOR TO ANY ROUGH-IN.
- E. VERIFY ALL MECHANICAL EQUIPMENT NAME PLATE RATINGS PRIOR TO ROUGH-IN AND ORDERING ELECTRICAL EQUIPMENT INTENDED TO SERVE THE HVAC SYSTEM.
- F. ALL DISCONNECT SWITCHES SHALL BE EASILY ACCESSIBLE, DO NOT INSTALL ANY DISCONNECT SWITCH ABOVE AN ACCESS PANEL. COORDINATE EXACT LOCATION WITH EQUIPMENT SUPPLIER.
- G. PROVIDE PHENOLIC LABEL FOR EACH DISCONNECT SWITCH/JUNCTION BOX. IDENTIFYING THE EQUIPMENT, THE PANEL AND CIRCUIT NUMBER SERVING THE EQUIPMENT.
- H. ALL 120V, 15 AND 20 AMP RECEPTACLES WITHIN DWELLING UNIT AND LISTED UNDER 210.52 MUST BE LISTED AS TAMPER RESISTANT PER NEC SECTION 406.11.
- I. ALL 120V, SINGLE PHASE, 15 AND 20 AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES INSTALLED IN DWELLING UNIT KITCHENS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, LAUNDRY AREAS, OR SIMILAR ROOMS SHALL COMPLY WITH SECTION 210.12(A) OF THE NEC.
- J. PROVIDE GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL IN COMPLIANCE WITH SECTION 210.8(A) OF THE NEC.
- K. ALL RECEPTACLE LOCATIONS SHALL COMPLY WITH THE NEC. ELECTRICAL CONTRACTOR SHALL COORDINATE DIMENSIONS WITH MILLWORK SHOP DRAWINGS PRIOR TO ROUGH-IN.
- K. UNITS DESIGNATED FOR HEARING/VISUALLY-IMPAIRED OCCUPANTS SHALL BE PROVIDED WITH ADA-REQUIRED DEVICES AND SYSTEMS. THIS INCLUDES BUT IS NOT LIMITED TO, A DOORBELL AT ENTRY AS WELL AS A DOORBELL ANNUNCIATOR MOUNTED IN LIVING AREA OF GUEST ROOM.
- L. FOR ALL ADA ROOMS, PROVIDE POWER CONNECTION TO MOTORIZED SHADE. CONNECT TO NEAREST GENERAL RECEPTACLE CIRCUIT. COORDINATE MOUNTING HEIGHT AND CONNECTION REQUIREMENTS WITH SHADE MANUFACTURER. MOUNT SHADE CONTROLS IN AN ACCESSIBLE LOCATION IN COMPLIANCE WITH ADA.

### KEYNOTE LEGEND

- PROVIDE JUNCTION BOX RATED FOR SUPPORT AND INSTALLATION OF CEILING FANS. THE CEILING FANS WILL BE PROVIDED BY OTHERS AND INSTALLED BY EC. PROVIDE SWITCH LEGS TO CONTROL FAN AND LIGHTS SEPARATELY.
- REFER TO EQUIPMENT SCHEDULE ON SHEET FOR DISCONNECT, FUSING (WHERE REQUIRED), AND CONDUCTOR SIZES. .
- CONTRACTOR SHALL FURNISH AND INSTALL A 20A UNDER SINK RECEPTACLE FOR CORD CONNECTED GARBAGE DISPOSAL AND DISHWASHER. SWITCH LOCATED ABOVE COUNTER SHALL CONTROL LOWER PORTION OF RECEPTACLE WHERE DISPOSAL IS CONNECTED. POWER CORD FOR DISPOSAL/DISHWASHER TO BE FURNISHED AND INSTALLED BY OTHERS.
- PROVIDE DEDICATED 120V, 20A RECEPTACLE FOR OVER RANGE MICROWAVE MOUNTED IN CABINET. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR EXACT LOCATION OF MICROWAVE. MOUNT RECEPTACLE 66" AFF TO CENTERLINE OF DEVICE.
- PROVIDE SPECIAL PURPOSE 240V, 50A, 2P RECEPTACLE FOR ELECTRIC RANGE. COORDINATE EXACT LOCATION AND PLUG CONFIGURATION WITH CONSTRUCTION MANAGER PRIOR TO ROUGH-IN.
- PROVIDE SIMPLEX 125V, 20A, 1P RECEPTACLE FOR REFRIGERATOR. COORDINATE EXACT INSTALLATION LOCATION PRIOR TO ANY ROUGH-IN.
- PROVIDE SPECIAL PURPOSE 240V, 30A, 2P RECEPTACLE FOR SERVICE TO DRYER. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH CONSTRUCTION MANAGER PRIOR TO START OF WORK
- PROVIDE 125V, 20A, 1P DUPLEX RECEPTACLE FOR SERVICE TO WASHER. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH CONSTRUCTION MANAGER PRIOR TO ROUGH-IN.
- PROVIDE COMBINATION SMOKE ALARM AND CARBON MONOXIDE ALARMS PER FLORIDA 653.885 STATUTE. SMOKE ALARMS SHALL BE 120V WITH BATTERY BACK-UP. WALL MOUNTED DEVICES TO BE MOUNTED 4" BELOW CEILING. ALL DEVICES IN THE UNIT SHALL BE WIRED FOR COMMON ALARM.
- PROVIDE 120V CIRCUIT AS INDICATED FOR LOW VOLTAGE PANEL. COORDINATE EXACT LOCATION AND MOUNTING REQUIREMENTS FOR RECEPTACLE PRIOR TO ROUGH-IN AND PROVIDE AS REQUIRED. LOW VOLTAGE PANEL SHALL BE UTILIZED FOR CATV/DATA/COMM DISTRIBUTION ONLY AND SHALL NOT CONTAIN OVER-CURRENT DEVICES.
- PROVIDE FINAL CONNECTION TO HVAC EQUIPMENT. COORDINATE POWER REQUIREMENTS WITH MECHANICAL CONTRACTOR AND EQUIPMENT SUBMITTALS. SEE UNIT PANEL SCHEDULE FOR OVER-CURRENT PROTECTION. REFER TO MECHANICAL EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION. CONTACT ENGINEER IF UNIT NAMEPLATE REQUIRES DIFFERENT BREAKER / FEEDER SIZE THAN WHAT IS INDICATED ON THESE PLANS.
- SWITCH SHALL CONTROL BOTTOM OUTLET OF INDICATED DUPLEX RECEPTACLE.
- MOUNT HORIZONTALLY 10" BELOW COUNTERTOP.
- PROVIDE MOEN (#AS-4201-CH OR EQUIVALENT) AIR SWITCH AND ASSOCIATED CONTROLLER BASE (#ARC-4200) TO CONTROL DISPOSAL IN THE ISLAND. LOCATE AIR SWITCH FLUSH WITH COUNTERTOP. LOCATE CONTROLLER IN CABINET BELOW.



**1 ELECTRICAL PLAN - BUILDING TYPE 'IV'**  
SCALE: 1/4" = 1'-0"



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**ELECTRICAL PLAN - BUILDING TYPE 'IV'**

**E114A**

**MAGNOLIA OAKS**  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

**ISSUE DATE**

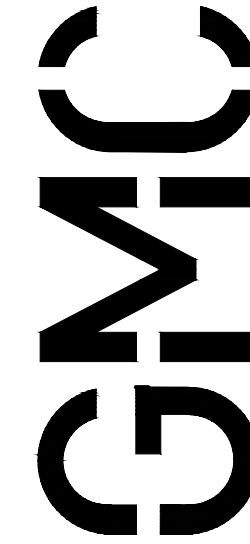
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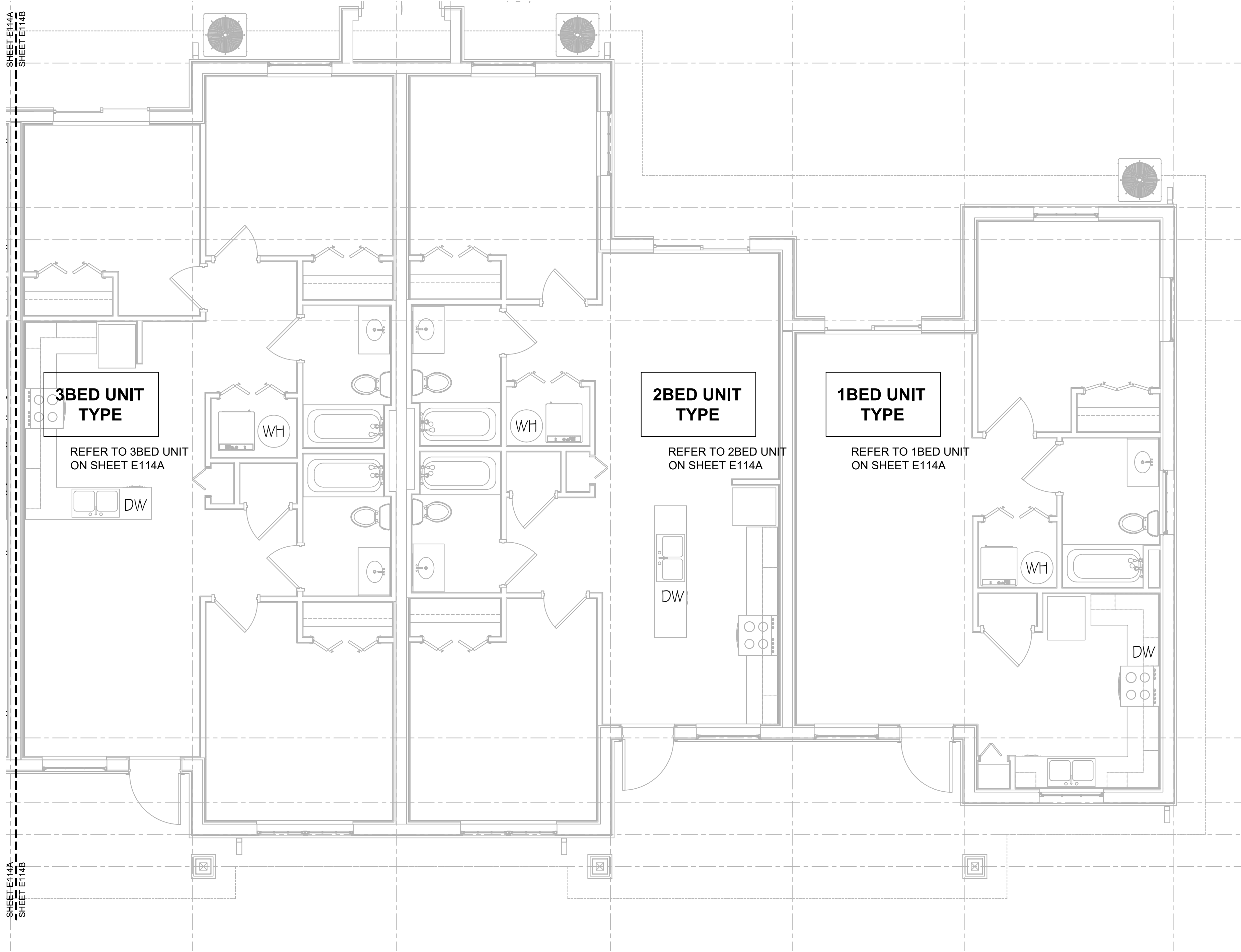
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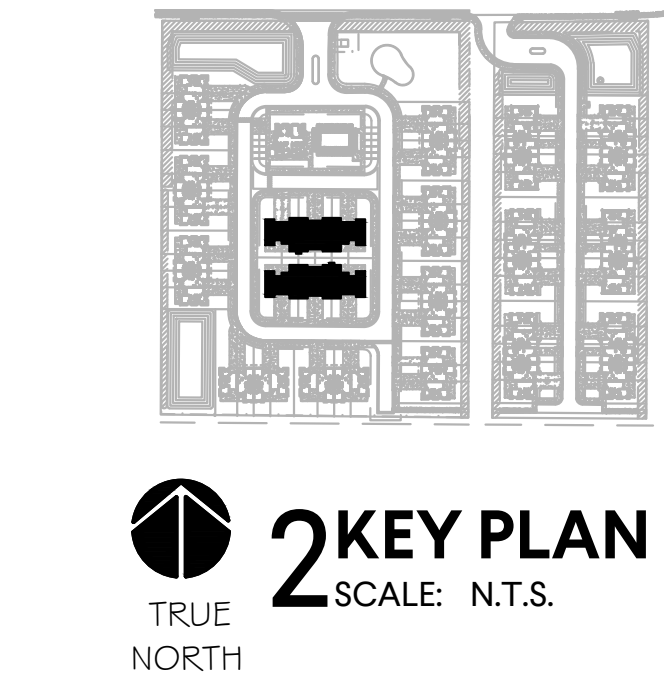
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**1 ELECTRICAL PLAN - BUILDING TYPE 'IV'**  
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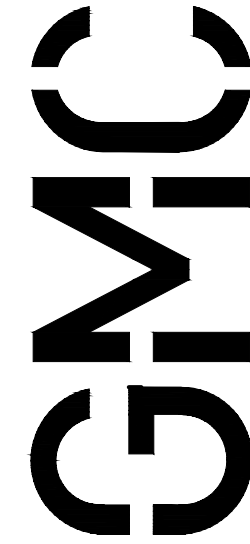
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ELECTRICAL PLAN -  
BUILDING TYPE 'IV'

MAGNOLIA OAKS  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

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- A. PROVIDE #10 WIRE IN LIEU OF #12 WIRE FOR ANY BRANCH CIRCUIT IN EXCESS OF 100 FEET AND #8 WIRE IN LIEU OF #10 WIRE FOR ANY BRANCH CIRCUIT IN EXCESS OF 160 FEET (120V) OF CIRCUIT LENGTH TO FARTHEST DEVICE TO PREVENT EXCESSIVE VOLTAGE DROP.
- B. ALL EXIT SIGNS, EMERGENCY AND NIGHT LIGHTS TO BE CONNECTED AHEAD OF ANY LOCAL SWITCH OR CONTROL RELAY.
- C. PROVIDE OCCUPANCY SENSORS AND ALL ASSOCIATED HARDWARE, POWER PACKS AND OR TRANSFORMERS AS REQUIRED FOR A COMPLETE INSTALLATION PER MANUFACTURER REQUIREMENTS. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS INDICATING DESIRED COVERAGE. IN LOCATIONS WHERE NO WALL SWITCH IS SHOWN, THE OCCUPANCY SENSOR SHALL SERVE AS THE WALL SWITCH. IN LOCATIONS WHERE WALL SWITCHES ARE SHOWN, THE WALL SWITCHES SHALL BE WIRED TO ACT AS AN OVERRIDE OFF SWITCH OF THE OCCUPANCY SENSOR.
- D. PROPERLY SEAL FIRE RATED WALLS, FLOORS, PARTITIONS, CHASES AND CEILINGS USING APPROVED FIRE STOP TO MEET THE REQUIREMENTS OF NEC 300.21.
- E. ALL CIRCUITS AND FEEDERS INSTALLED IN ELECTRICAL AND COMMUNICATIONS ROOM SHALL BE IN CONDUIT.

1. PROVIDE 7-DAY TIME SWITCH TO CONTROL BUILDING PERIMETER LIGHTS. COORDINATE SCHEDULE WITH OWNER.
2. TYPICAL, REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LUMINAIRE LOCATION AND DIMENSIONS.
3. SET RESTROOMS OCCUPANCY SENSOR TO 10 MIN. TIME DELAY.
4. TYPICAL, REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS FOR MOUNTING LOCATION.

## MAGNOLIA OAKS

7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

FL REG. NO. PE73853  
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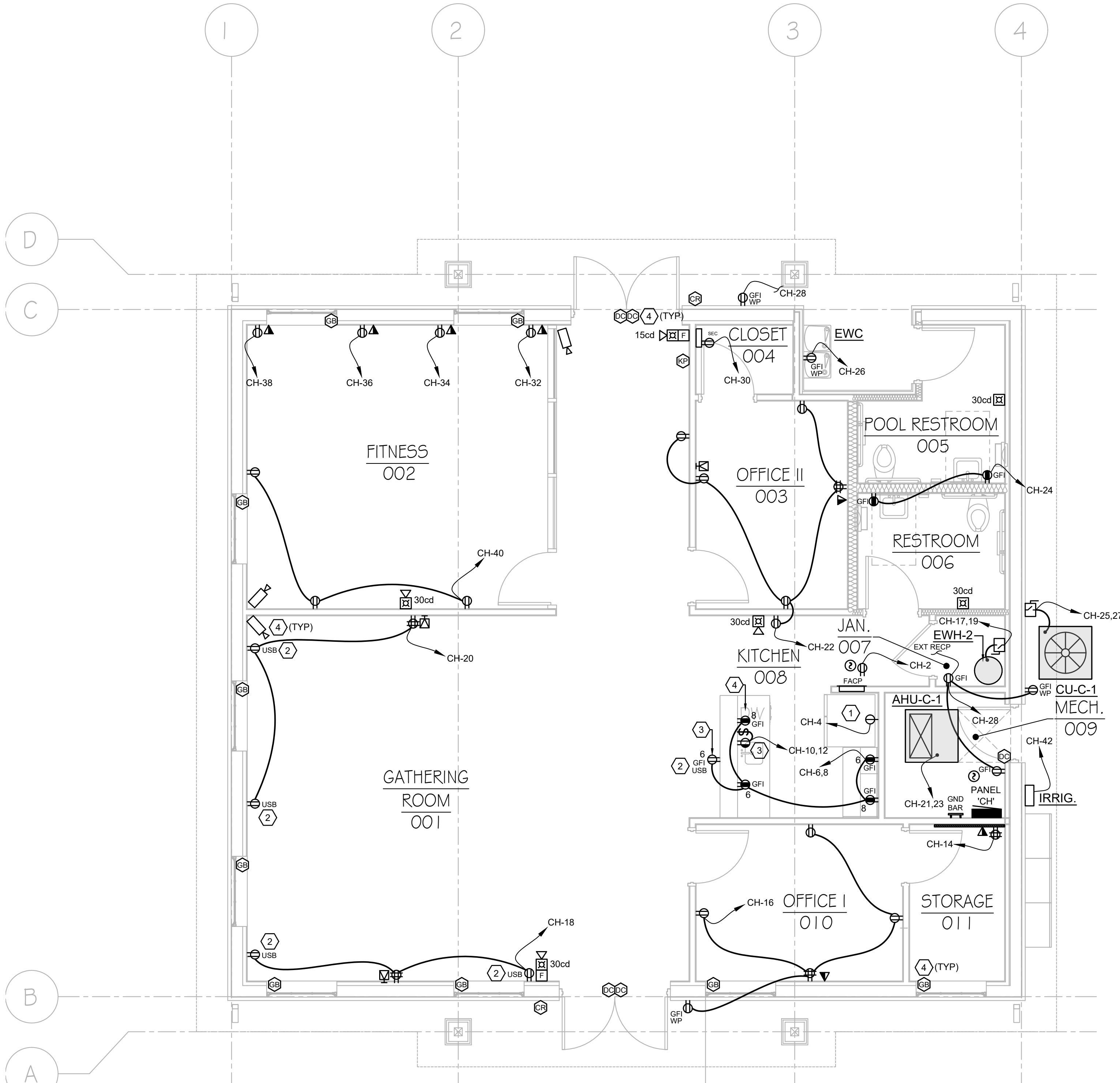
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# 1 POWER & SYSTEMS PLAN LEVEL 1- CLUBHOUSE

SCALE: 1/4" = 1'-0"

- ## KEYNOTE LEGEND
1. PROVIDE 125V, 20A, 1P SIMPLEX RECEPTACLE (MTD. 54" AFF) FOR REFRIGERATOR, COORDINATE FINAL INSTALLATION LOCATION WITH ARCHITECT PRIOR TO ANY ROUGH-IN.
  2. RECEPTABLES TAGGED WITH "US" SHALL BE PASS & SEYMOUR COMBINATION 2-POWER OUTLETS AND 2-US CHARGERS. MODEL #7R53262US OR EQUIVALENT. COORDINATE FINAL INSTALLATION LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
  3. PROVIDE 20A UNDER SINK DUPLEX RECEPTACLE TO POWER CORD CONNECTED DISHWASHER AND GARBAGE DISPOSAL. SWITCH LOCATED ABOVE COUNTER SHALL CONTROL LOWER PORTION OF RECEPTACLE TO CONTROL DISPOSAL.
  4. TYPICAL PROPOSED LOCATION FOR SECURITY EQUIPMENT. FINAL LOCATION TO BE COORDINATED WITH ARCHITECT PRIOR TO ROUGH-IN. ALL REQUIRED EQUIPMENT, PANEL, CABLEING, SUPPORT HARDWARE BY EQUIPMENT VENDOR / INSTALLER.

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**POWER &  
SYSTEMS PLAN  
LEVEL 1-  
CLUBHOUSE**

# E215

FL REG. NO. PE73853  
ADAM T. POWELL, PE

**MAGNOLIA OAKS**  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

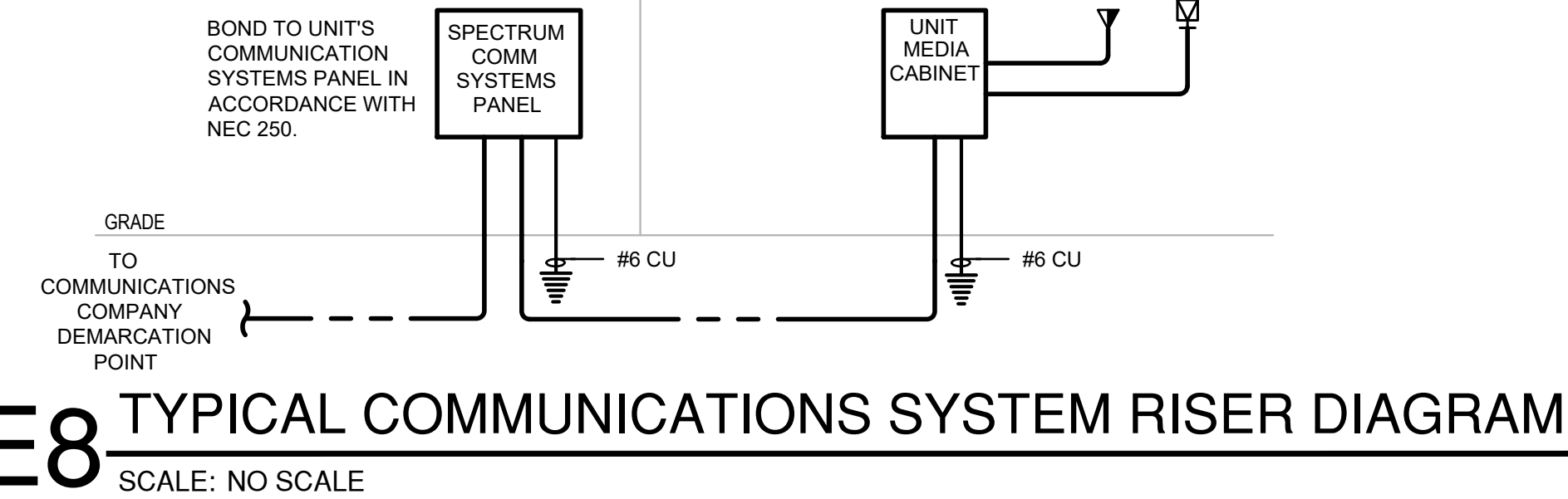
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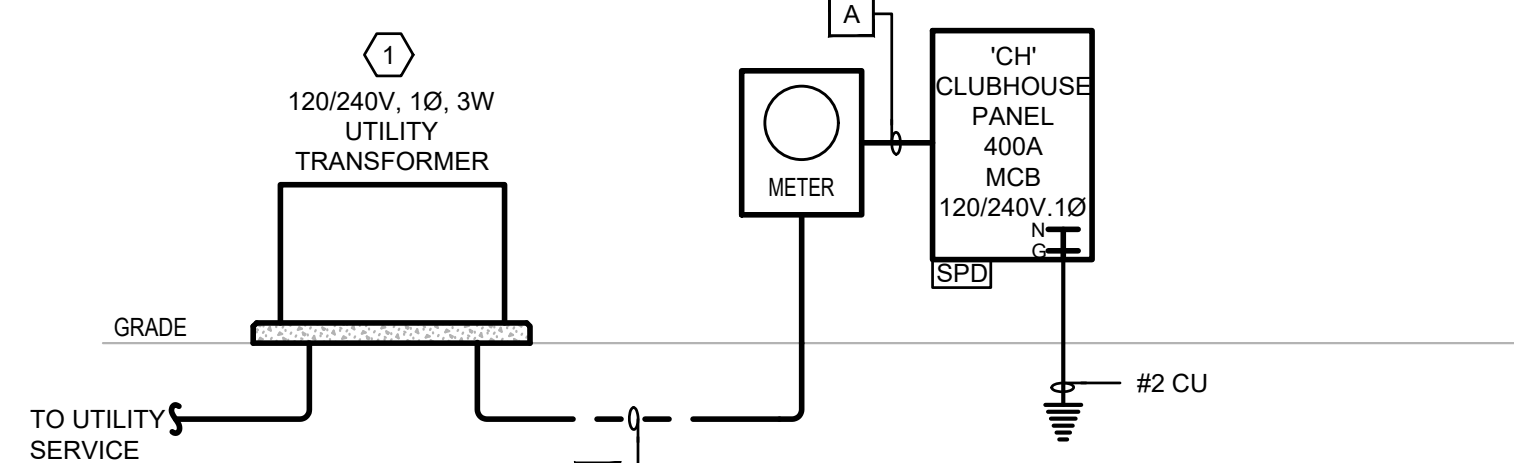
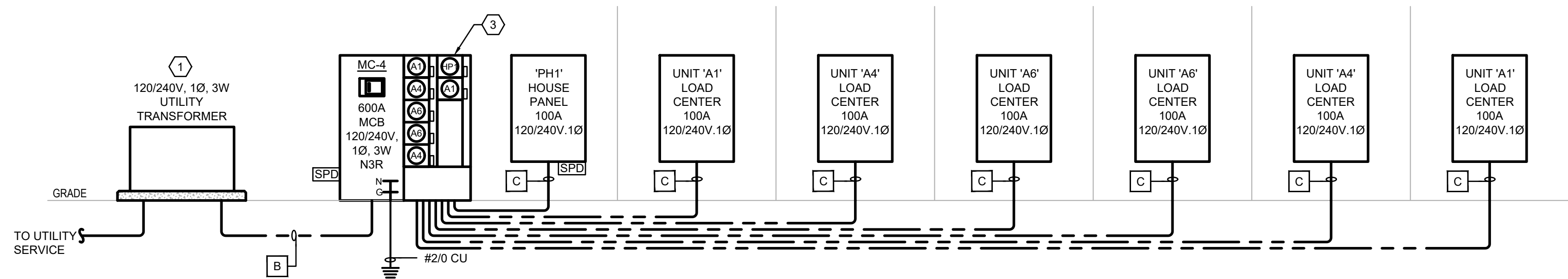
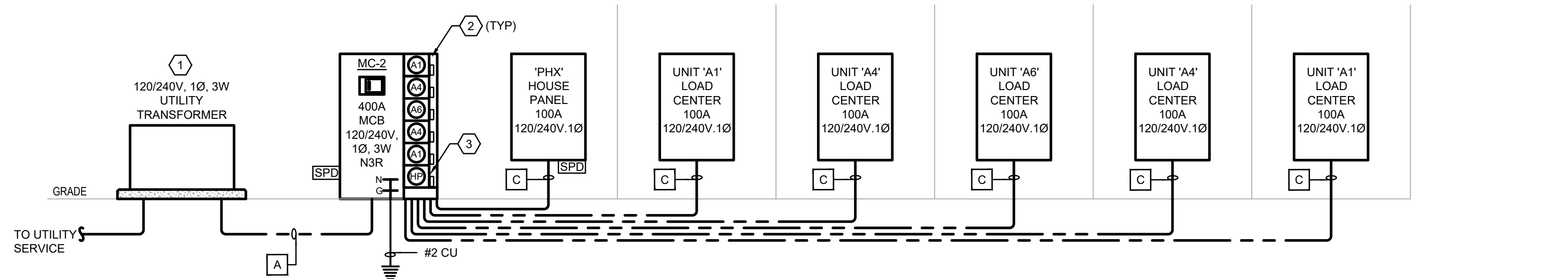
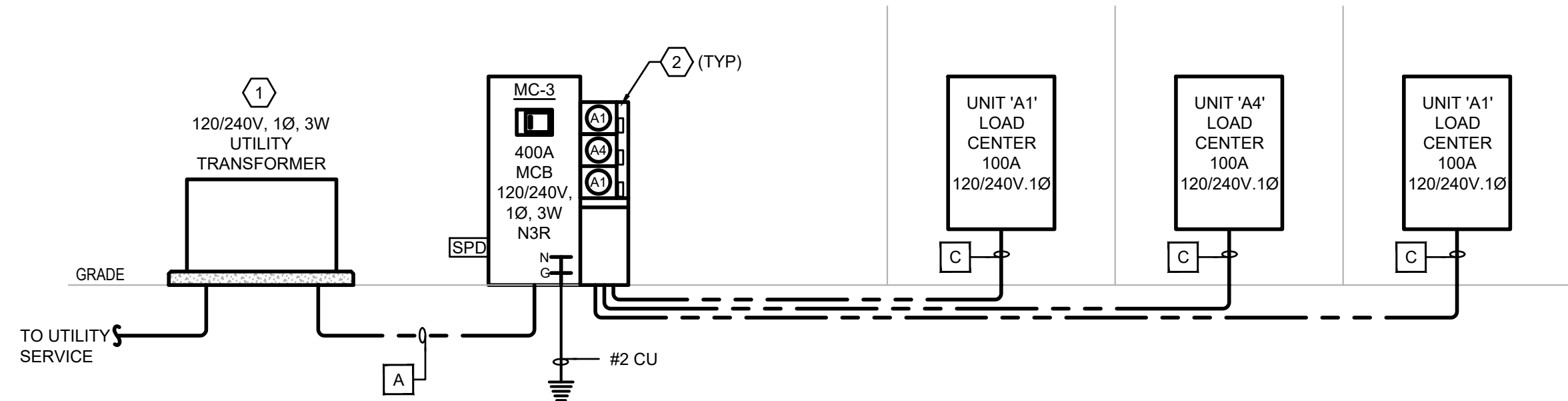
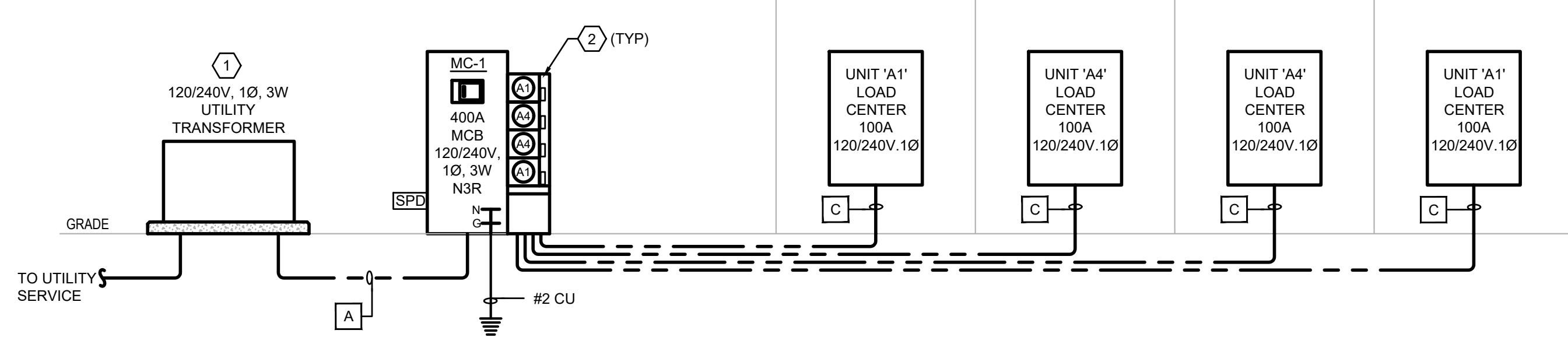
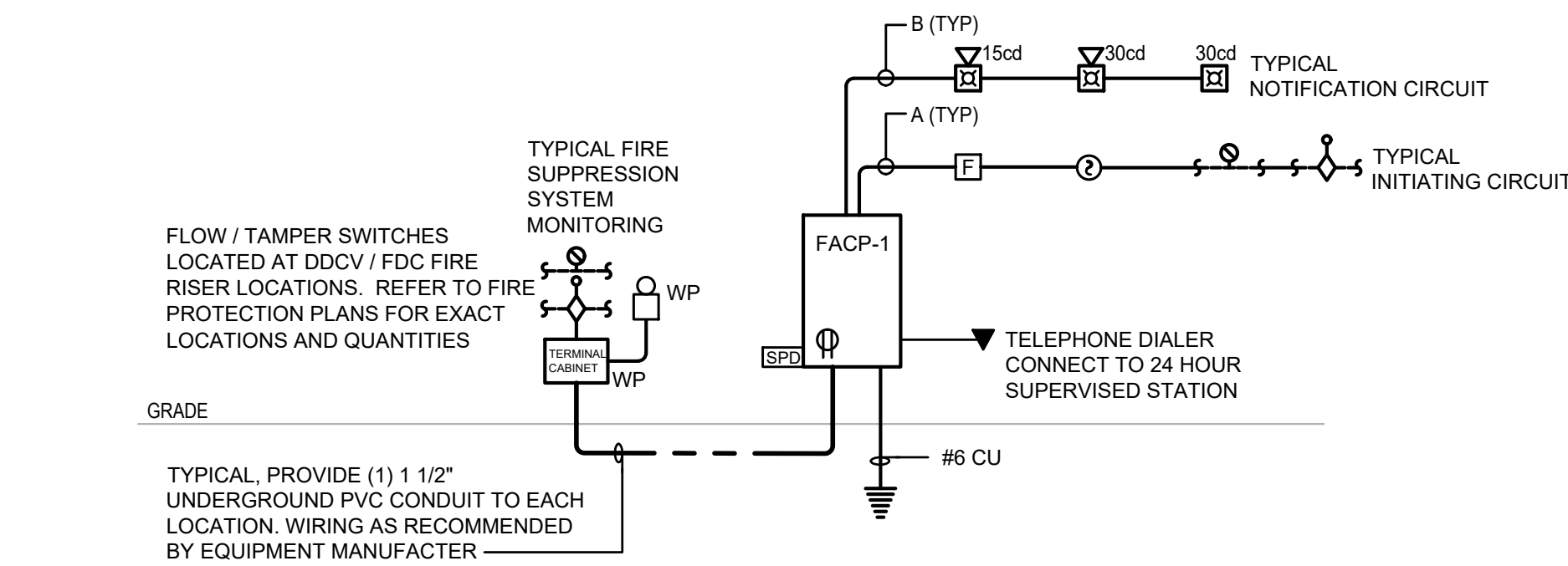
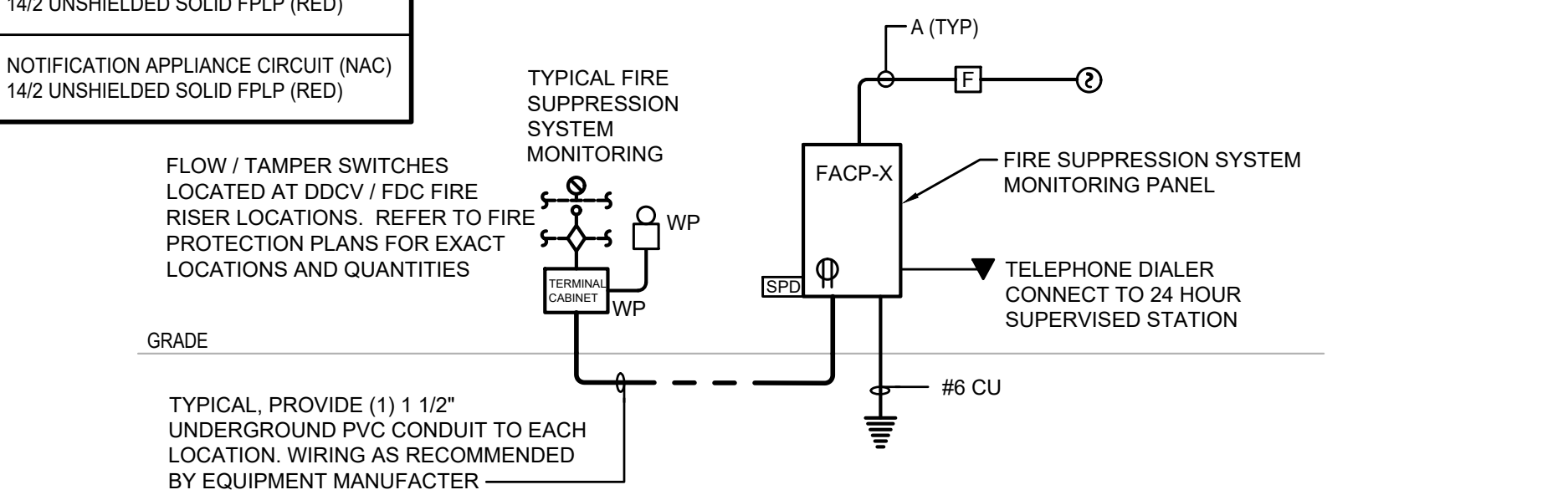


COMMUNICATIONS RISER GENERAL NOTES:  
SERVICE PROVIDER SHALL INSTALL BACKBONE CABLING FROM COMMUNICATIONS COMPANY DEMARCATION POINT TO UNIT'S COMMUNICATIONS SYSTEMS CABINET.  
ELECTRICAL CONTRACTOR SHALL INSTALL CAT-5E AND RG-6 CABLING FROM UNIT'S COMMUNICATION SYSTEMS CABINET TO EACH DEVICE INDICATED IN THE FLOOR PLANS.  
PROVIDE CONDUIT AND SLEEVES AS REQUIRED FOR LOW VOLTAGE CABLE INSTALLATION.  
PROVIDE SITE COMMUNICATIONS SYSTEM PULLBOXES AS REQUIRED.  
MANUFACTURER: HUBBELL, MODEL: PenCell DT. COVER LOGO SHALL READ: "COMMUNICATIONS".



- FIRE ALARM SYSTEM GENERAL NOTES:
- COMPLETE ADDRESSABLE, MICROPROCESSOR FIRE DETECTION AND CONTROL SYSTEM WITH MANUAL AND AUTOMATIC ALARM INITIATION, NOTIFICATION APPLIANCES, MONITORING AND CONTROL DEVICES AS INDICATED ON THE DRAWINGS AND AS SPECIFIED HEREIN.
    - 2017 NFPA 70 NATIONAL ELECTRIC CODE
    - 2016 NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE
    - 2020 FLORIDA FIRE PREVENTION CODE
    - 2020 FLORIDA BUILDING CODE 7TH EDITION
  - SIGNAL TRANSMISSION: SHALL BE ADDRESSABLE TRANSMISSION DEDICATED TO FIRE ALARM SERVICE ONLY.
  - AUDIBLE AND VISUAL ALARM INDICATION: BY SOUNDING HORN / BELL AND FLASHING STROBES THROUGHOUT ENTIRE BUILDING.
  - CIRCUIT TYPE: CLASS B.
  - TRANSMISSION TO REMOTE CENTRAL STATION: AUTOMATICALLY ROUTE ALARM, SUPERVISORY AND TROUBLE SIGNALS TO A REMOTE CENTRAL STATION SERVICE TRANSMITTER LOCATION IN FACP. EACH BUILDING SHALL REPORT ITS BUILDING NUMBER AND PHYSICAL ADDRESS.
  - UPON ACTIVATION OF THE FIRE ALARM SYSTEM BY AN ALARM INITIATING DEVICE THE FOLLOWING SHALL OCCUR:
    - SOUND THE HORN / BELL SIGNALS THROUGHOUT THE BUILDING.
    - FLASH THE VISUAL FIRE ALARM SIGNALS THROUGHT THE BUILDING.
    - A ZONE INDICATION ON ALPHA NUMERIC DISPLAY SHALL INDICATE ACTIVATED DEVICE ON FACP, ROOM NUMBER OR BUILDING NUMBER SHALL BE INDICATED FOR ALARMED DEVICE LOCATION.
    - SEIZE TELEPHONE LINE AND ALERT THE LOCAL FIRE DEPARTMENT VIA THE OWNER PROVIDED MONITORING SERVICE.
    - TAMPER SWITCHES SHALL SOUND TROUBLE SIGNAL.
  - THE FIRE ALARM SYSTEM SHALL BE AN ADDRESSABLE FIRE ALARM CONTROL PANEL WITH NEMA 1 ENCLOSURE AND COMMUNICATION SYSTEM. PROVIDE AIR CONDITIONED ENCLOSURES FOR ALL FACP LOCATED OUTSIDE THE CLUBHOUSE.
  - FIRE ALARM DIALER SHALL BE INTEGRAL TO THE FACP. FIRE ALARM DIALER SHALL HAVE TRANSMISSION CHANNELS COMPLIANT WITH NFPA 72: 26.6.4.1.4.
  - MANUAL PULLSTATIONS SHALL BE ADDRESSABLE.
  - ALL FIRE ALARM WIRING SHALL BE #14 UNSHIELDED TWISTED MINIMUM.
  - ALL SLC WIRING SHALL BE #14 UNSHIELDED TWISTED MINIMUM.
  - ALL 120 VAC FIRE ALARM POWER SHALL BE PROVIDED WITH A SURGE SUPPRESSION DEVICE (SPD). MOUNT IN NEMA 1 ENCLOSURE.
  - ADDRESSABLE INTERFACE MODULES SHALL BE MOUNTED TO SUITABLE J-BOX.
  - AUDIBLE VISUAL APPLIANCES SHALL BE SYSTEM SENSOR SPECTRALERT ADVANCED SERIES. APPLIANCES SHALL BE RED IN COLOR.
  - PROVIDE O&M MANUAL AT PROJECT CLOSE OUT. PROVIDE OWNER TRAINING FOR A LENGTH OF TIME NOT TO EXCEED 4 HOURS.
  - FOR CIRCUITS GREATER THAN 75', UPSIZE WIRE RECOMMENDED BY MANUFACTURER TO COMPENSATE FOR VOLTAGE DROP. PROVIDE VOLTAGE DROP CALCULATION WITH EQUIPMENT SHOP-DRAWINGS.

| WIRETAG LEGEND |  |
|----------------|--|
| A              | SIGNALING LINE CIRCUIT (SLC)<br>14/2 UNSHIELDED SOLID FPLP (RED)         |
| B              | NOTIFICATION APPLIANCE CIRCUIT (NAC)<br>14/2 UNSHIELDED SOLID FPLP (RED) |



| WIRETAG LEGEND |  |
|----------------|--|
| A              | (2) SETS OF (3) 250KCMIL AL IN 2 1/2" C. |
| B              | (2) SETS OF (3) 500KCMIL AL IN 3" C.     |
| C              | (3) #1 AL, #8 CU G. IN 1 1/4" C.         |

- KEYNOTE LEGEND
- UTILITY OWNED TRANSFORMER. COORDINATE EXACT LOCATION WITH DUKE ENERGY PRIOR TO BID.
  - PROVIDE METER WITH MAIN CIRCUIT BREAKER PER UTILITY COMPANY REQUIREMENTS. REFER TO UNIT LOAD CALCULATIONS FOR BREAKER REQUIREMENTS.
  - PROVIDE ADDITIONAL METER FOR HOUSE PANEL WHEN APPLICABLE. REFER TO ELECTRICAL SITE PLAN FOR HOUSE PANEL LOCATIONS.

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ELECTRICAL  
RISER  
DIAGRAMS

**E501**



H

G

F

E

D

C

B

A

| PANEL "UA1"   |      |      | 120/240V. 1PH, 3W |  |  | NEMA-1   |      |      | 100A MLO                 |  |  |
|---------------|------|------|-------------------|--|--|----------|------|------|--------------------------|--|--|
| SQUARE D : QO |      |      | VOLTAGE/PHASE     |  |  | RECESSED |      |      | 100A BUS                 |  |  |
| CKT           | AMPS | POLE | DESCRIPTION       |  |  | CKT      | AMPS | POLE | DESCRIPTION              |  |  |
| 1             | 20   | 1    | SMALL APPLIANCE   |  |  | 2        |      |      | AHU-2                    |  |  |
| 3             | 20   | 1    | SMALL APPLIANCE   |  |  | 4        | 30   | 2    |                          |  |  |
| 5             | 20   | 1    | LIVING ROOM       |  |  | 6        |      |      | CU-2                     |  |  |
| 7             | 20   | 1    | MICROWAVE         |  |  | 8        | 25   | 2    |                          |  |  |
| 9             | 20   | 2    | DISPOSAL          |  |  | 10       | 20   | 1    | CATV / TELE              |  |  |
| 11            |      |      | DISHWASHER        |  |  | 12       | 20   | 1    | EXTERIOR OUTLETS         |  |  |
| 13            | 50   | 2    | RANGE             |  |  | 14       | 20   | 1    | BEDROOM                  |  |  |
| 15            |      |      |                   |  |  | 16       | 20   | 1    | BATHROOM GFI             |  |  |
| 17            | 20   | 1    | WASHER            |  |  | 18       | 20   | 1    | BATH LIGHTING            |  |  |
| 19            | 30   | 2    | DRYER             |  |  | 20       | 20   | 1    | KITCHEN / ENTRY LIGHTING |  |  |
| 21            |      |      |                   |  |  | 22       | 20   | 1    | SMOKE ALARMS             |  |  |
| 23            | 30   | 2    | EWH-1             |  |  | 24       | 20   | 1    | SPACE                    |  |  |
| 25            |      |      |                   |  |  | 26       | 20   | 1    | SPACE                    |  |  |
| 27            | 20   | 1    | REFRIGERATOR      |  |  | 28       | 20   | 1    | SPACE                    |  |  |
| 29            | 20   | 1    | SPACE             |  |  | 30       | 20   | 1    | SPACE                    |  |  |

| LOAD CALCULATION - UNIT TYPE "A1" (PANEL "UA1")       |                    |                |              |          |          | ONE BEDROOM |
|---|--------------------|----------------|--------------|----------|----------|-------------|
| PER NEC 2017 EDITION ARTICLE 220.82                   |                    |                |              |          |          |             |
| TOTAL LIVING  |                    |                | 775 SQ. FEET |          |          |             |
| GENERAL LIGHTING                                      | 3 VA               | X              | 775 SQ. FEET | =        | 2,325 VA |             |
| SMALL APPLIANCE                                       | 2 CKT              | X              | 1,500 VA     | =        | 3,000 VA |             |
| LAUNDRY   | 1 CKT              | X              | 1,500 VA     | =        | 1,500 VA |             |
| TOTAL CONNECTED GENERAL LOAD                          |                    |                |              |          | =        | 6,825 VA    |
| WATER HEATER  |                    |                |              |          | =        | 4,500 VA    |
| GARBAGE DISPOSER                                      |                    |                |              |          | =        | 1,000 VA    |
| DISHWASHER  |                    |                |              |          | =        | 1,200 VA    |
| RANGE   |                    |                |              |          | =        | 8,500 VA    |
| DRYER   |                    |                |              |          | =        | 5,000 VA    |
| MICROWAVE   |                    |                |              |          | =        | 1,200 VA    |
| REFRIGERATOR  |                    |                |              |          | =        | 800 VA      |
| TOTAL CONNECTED FIXED APPLIANCE LOAD                  |                    |                |              |          | =        | 22,200 VA   |
| TOTAL CONNECTED GENERAL LOAD AND FIXED APPLIANCE LOAD |                    |                |              |          | =        | 29,025 VA   |
| SUB-TOTAL GENERAL LOAD - 1st 10kVA @ 100%             |                    |                |              |          | =        | 10,000 VA   |
| SUB-TOTAL GENERAL LOAD - Remainder @ 40%              |                    |                |              |          | =        | 7,610 VA    |
| TOTAL GENERAL LOAD                                    |                    |                |              |          | =        | 17,610 VA   |
| A/C 100% and CENTRAL HEAT LOAD 65% - (larger load)    |                    |                |              |          |          |             |
| AHU-2 HEAT  | (NON COINCIDENTAL) | 4,992 VA X 65% | =            | 3,245 VA |          |             |
| CU-2 COOLING  |                    | X 100%         | =            | 3,840 VA |          |             |
| TOTAL A/C LOAD  |                    |                |              |          | =        | 3,840 VA    |
| TOTAL DEMAND LOAD                                     |                    |                |              |          | =        | 21,450 VA   |
| AMPS AT 240 VOLTS SINGLE PHASE                        |                    |                |              |          | =        | 89 AMPS     |
| BREAKER AND SERVICE SIZE REQUIRED                     |                    |                |              |          | =        | 100 AMPS    |

| PANEL "HP2"                         |      |      | 240/120V, 1Ø, 3W |  |  | 100A MLO |                  |                     | NEMA-1  |      |               | 22,000 AIC  |  |                  | COPPER BUS           |  |  |
|-------------------------------------|------|------|------------------|--|--|----------|------------------|---------------------|---------|------|---------------|-------------|--|------------------|----------------------|--|--|
| SQUARE D: NQ                        |      |      | VOLTAGE/PHASE    |  |  | 100A BUS |                  |                     | SURFACE |      |               | FULLY RATED |  |                  | SOLID NEUTRAL        |  |  |
| CKT                                 | AMPS | POLE | DESCRIPTION      |  |  | NOTES    | LOAD VA          | CKT                 | AMPS    | POLE | DESCRIPTION   |             |  | NOTES            | LOAD VA              |  |  |
| 1                                   | 20   | 2    | SITE LIGHTING    |  |  |          | 800              | 2                   |         |      | FACP          |             |  |                  | 300                  |  |  |
| 3                                   |      |      |                  |  |  |          | 800              | 4                   | 20      | 1    |               |             |  |                  | FA RM RECEPT / LIGHT |  |  |
| 5                                   | 20   | 1    | SPACE            |  |  |          | 0                | 6                   | 20      | 1    | SPARE         |             |  |                  | 0                    |  |  |
| 7                                   | 20   | 1    | SPACE            |  |  |          | 0                | 8                   | 20      | 1    | SPARE         |             |  |                  | 0                    |  |  |
| 9                                   | 20   | 1    | SPACE            |  |  |          | 0                | 10                  | 20      | 1    | SPACE         |             |  |                  | 0                    |  |  |
| 11                                  | 20   | 1    | SPACE            |  |  |          | 0                | 12                  | 20      | 1    | SPACE         |             |  |                  | 0                    |  |  |
| 13                                  | 20   | 1    | SPACE            |  |  |          | 0                | 14                  | 20      | 1    | SPACE         |             |  |                  | 0                    |  |  |
| 15                                  | 20   | 1    | SPACE            |  |  |          | 0                | 16                  | 20      | 1    | SPACE         |             |  |                  | 0                    |  |  |
| 17                                  | 20   | 1    | SPACE            |  |  |          | 0                | 18                  | 20      | 1    | SPACE         |             |  |                  | 0                    |  |  |
| 19                                  | 20   | 1    | SPACE            |  |  |          | 0                | 20                  | 20      | 1    | SPACE         |             |  |                  | 0                    |  |  |
| 21                                  | 20   | 1    | SPACE            |  |  |          | 0                | 22                  | 30      | 2    | SPD           |             |  |                  | 0                    |  |  |
| 23                                  | 20   | 1    | SPACE            |  |  |          | 0                | 24                  |         |      |               |             |  |                  | 0                    |  |  |
| NOTES:                              |      |      |                  |  |  |          | LOAD DESCRIPTION | CONNECTED LOAD (VA) |         |      | DEMAND FACTOR |             |  | DEMAND LOAD (VA) |                      |  |  |
| 1.                                  |      |      |                  |  |  |          | LIGHTING         | 1,640               |         |      | 1.25          |             |  | 2,050            |                      |  |  |
| 2.                                  |      |      |                  |  |  |          | HVAC - COOL      | 0                   |         |      | 0.00          |             |  | 0                |                      |  |  |
| 3.                                  |      |      |                  |  |  |          | HVAC - HEAT      | 0                   |         |      | 0.00          |             |  | 0                |                      |  |  |
| 4.                                  |      |      |                  |  |  |          | RECEPTACLE       | 360                 |         |      | 1.00          |             |  | 360              |                      |  |  |
| 5.                                  |      |      |                  |  |  |          | MISC             | 300                 |         |      | 1.00          |             |  | 300              |                      |  |  |
| 6.                                  |      |      |                  |  |  |          | TOTAL            | 2,300               |         |      |               |             |  | 2,710            |                      |  |  |
| TOTAL DEMAND CURRENT @ 240/120V, 1Ø |      |      |                  |  |  |          |                  |                     |         |      |               |             |  |                  | 11.3 AMPS            |  |  |

| PANEL "UA4"   |      |      | 120/240V. 1PH, 3W |  |  | NEMA-1   |      |      | 100A MLO         |  |  |
|---------------|------|------|-------------------|--|--|----------|------|------|------------------|--|--|
| SQUARE D : QO |      |      | VOLTAGE/PHASE     |  |  | RECESSED |      |      | 100A BUS         |  |  |
| CKT           | AMPS | POLE | DESCRIPTION       |  |  | CKT      | AMPS | POLE | DESCRIPTION      |  |  |
| 1             | 20   | 1    | SMALL APPLIANCE   |  |  | 2        |      |      | AHU-2            |  |  |
| 3             | 20   | 1    | SMALL APPLIANCE   |  |  | 4        | 35   | 2    |                  |  |  |
| 5             | 20   | 1    | LIVING ROOM       |  |  | 6        |      |      | CU-2             |  |  |
| 7             | 20   | 1    | MICROWAVE         |  |  | 8        | 25   | 2    |                  |  |  |
| 9             | 20   | 2    | DISPOSAL          |  |  | 10       | 20   | 1    | CATV / TELE      |  |  |
| 11            |      |      | DISHWASHER        |  |  | 12       | 20   | 1    | EXTERIOR OUTLETS |  |  |
| 13            | 50   | 2    | RANGE             |  |  | 14       | 20   | 1    | BEDROOM 1        |  |  |
| 15            |      |      |                   |  |  | 16       | 20   | 1    | BEDROOM 2        |  |  |
| 17            | 20   | 1    | WASHER            |  |  | 18       | 20   | 1    | BATHROOM GFI     |  |  |
| 19            | 30   | 2    | DRYER             |  |  | 20       | 20   | 1    | BATHROOM LIGHTS  |  |  |
| 21            |      |      |                   |  |  | 22       | 20   | 1    | KITCHEN LIGHTS   |  |  |
| 23            | 30   | 2    | EWH-1             |  |  | 24       | 20   | 1    | SMOKE ALARMS     |  |  |
| 25            |      |      |                   |  |  | 26       | 20   | 1    | SPACE            |  |  |
| 27            | 20   | 1    | REFRIGERATOR      |  |  | 28       | 20   | 1    | SPACE            |  |  |
| 29            | 20   | 1    | SPACE             |  |  | 30       | 20   | 1    | SPACE            |  |  |

| LOAD CALCULATION - UNIT TYPE "A4" (PANEL "UA4")       |                    |                |              |          |          | TWO BEDROOM |  |
|---|--------------------|----------------|--------------|----------|----------|-------------|--|
| PER NEC 2017 EDITION ARTICLE 220.82                   |                    |                |              |          |          |             |  |
| TOTAL LIVING  |                    |                | 964 SQ. FEET |          |          |             |  |
| GENERAL LIGHTING                                      | 3 VA               | X              | 964 SQ. FEET | =        | 2,892 VA |             |  |
| SMALL APPLIANCE                                       | 2 CKT              | X              | 1,500 VA     | =        | 3,000 VA |             |  |
| LAUNDRY   | 1 CKT              | X              | 1,500 VA     | =        | 1,500 VA |             |  |
| TOTAL CONNECTED GENERAL LOAD                          |                    |                |              |          | =        | 7,392 VA    |  |
| WATER HEATER  |                    |                |              |          | =        | 4,500 VA    |  |
| GARBAGE DISPOSER                                      |                    |                |              |          | =        | 1,000 VA    |  |
| DISHWASHER  |                    |                |              |          | =        | 1,200 VA    |  |
| RANGE   |                    |                |              |          | =        | 8,500 VA    |  |
| DRYER   |                    |                |              |          | =        | 5,000 VA    |  |
| MICROWAVE   |                    |                |              |          | =        | 1,200 VA    |  |
| REFRIGERATOR  |                    |                |              |          | =        | 800 VA      |  |
| TOTAL CONNECTED FIXED APPLIANCE LOAD                  |                    |                |              |          | =        | 22,200 VA   |  |
| TOTAL CONNECTED GENERAL LOAD AND FIXED APPLIANCE LOAD |                    |                |              |          | =        | 29,592 VA   |  |
| SUB-TOTAL GENERAL LOAD - 1st 10kVA @ 100%             |                    |                |              |          | =        | 10,000 VA   |  |
| SUB-TOTAL GENERAL LOAD - Remainder @ 40%              |                    |                |              |          | =        | 7,837 VA    |  |
| TOTAL GENERAL LOAD                                    |                    |                |              |          |          | 17,837 VA   |  |
| A/C 100% and CENTRAL HEAT LOAD 65% - (larger load)    |                    |                |              |          |          |             |  |
| AHU-2 HEAT  | (NON COINCIDENTAL) | 5,952 VA X 65% | =            | 3,869 VA |          |             |  |
| CU-2 COOLING  |                    | X 100%         | =            | 4,262 VA |          |             |  |
| TOTAL A/C LOAD  |                    |                |              |          |          | 4,262 VA    |  |
| TOTAL DEMAND LOAD                                     |                    |                |              |          | =        | 22,099 VA   |  |
| AMPS AT 240 VOLTS SINGLE PHASE                        |                    |                |              |          | =        | 92 AMPS     |  |
| BREAKER AND SERVICE SIZE REQUIRED                     |                    |                |              |          | =        | 100 AMPS    |  |



| PANEL "HP3"  |      |      | 240/120V, 1Ø, 3W | 100A MLO | NEMA-1                              |                     |               | 22,000 AIC  | COPPER BUS           |           |         |
|--------------|------|------|------------------|----------|-------------------------------------|---------------------|---------------|-------------|----------------------|-----------|---------|
| SQUARE D. NQ |      |      | VOLTAGE/PHASE    | 100A BUS | SURFACE                             |                     |               | FULLY RATED | SOLID NEUTRAL        |           |         |
| CKT          | AMPS | POLE | DESCRIPTION      | NOTES    | LOAD VA                             | CKT                 | AMPS          | POLE        | DESCRIPTION          | NOTES     | LOAD VA |
| 1            | 20   | 2    | SITE LIGHTING    |          | 800                                 | 2                   |               |             | FACP                 |           | 300     |
| 3            |      |      |                  |          | 800                                 | 4                   | 20            | 1           | FA RM RECEPT / LIGHT |           | 400     |
| 5            | 20   | 1    | SPACE            |          | 0                                   | 6                   | 20            | 1           | SPARE                |           | 0       |
| 7            | 20   | 1    | SPACE            |          | 0                                   | 8                   | 20            | 1           | SPARE                |           | 0       |
| 9            | 20   | 1    | SPACE            |          | 0                                   | 10                  | 20            | 1           | SPACE                |           | 0       |
| 11           | 20   | 1    | SPACE            |          | 0                                   | 12                  | 20            | 1           | SPACE                |           | 0       |
| 13           | 20   | 1    | SPACE            |          | 0                                   | 14                  | 20            | 1           | SPACE                |           | 0       |
| 15           | 20   | 1    | SPACE            |          | 0                                   | 16                  | 20            | 1           | SPACE                |           | 0       |
| 17           | 20   | 1    | SPACE            |          | 0                                   | 18                  | 20            | 1           | SPACE                |           | 0       |
| 19           | 20   | 1    | SPACE            |          | 0                                   | 20                  | 20            | 1           | SPACE                |           | 0       |
| 21           | 20   | 1    | SPACE            |          | 0                                   | 22                  |               |             |                      |           | 0       |
| 23           | 20   | 1    | SPACE            |          | 0                                   | 24                  | 30            | 2           | SPD                  |           | 0       |
| NOTES:       |      |      |                  |          | LOAD DESCRIPTION                    | CONNECTED LOAD (VA) | DEMAND FACTOR |             | DEMAND LOAD (VA)     |           |         |
| 1.           |      |      |                  |          | LIGHTING                            | 1,640               | 1.25          |             | 2,050                |           |         |
| 2.           |      |      |                  |          | HVAC - COOL                         | 0                   | 0.00          |             | 0                    |           |         |
| 3.           |      |      |                  |          | HVAC - HEAT                         | 0                   | 0.00          |             | 0                    |           |         |
| 4.           |      |      |                  |          | RECEPTACLE                          | 360                 | 1.00          |             | 360                  |           |         |
| 5.           |      |      |                  |          | MISC                                | 300                 | 1.00          |             | 300                  |           |         |
| 6.           |      |      |                  |          | TOTAL                               | 2,300               |               |             | 2,710                |           |         |
| 7.           |      |      |                  |          | TOTAL DEMAND CURRENT @ 240/120V, 1Ø |                     |               |             |                      | 11.3 AMPS |         |

**METER CENTER MC-1**

| UNIT TYPE               | QTY | @ | KVA             | TOTAL KVA |
|-------------------------|-----|---|-----------------|-----------|
| UNIT A1                 | 2   | X | 34.03 =         | 68.05     |
| UNIT A4                 | 2   | X | 35.54 =         | 71.09     |
| HOUSE PANEL             |     |   |                 |           |
|                         | 4   |   |                 |           |
| DEMAND FACTOR           |     |   |                 |           |
|                         |     |   | 139.14 X 0.45 = | 62.61 KVA |
|                         |     |   | 10.00 X 1.00 =  | 10.00 KVA |
|                         |     |   |                 | 72.61     |
|                         |     |   | @ 240 VAC 1 PH  | 303 AMPS  |
| RESIDENTIAL METER MAIN: |     |   |                 |           |
|                         |     |   |                 | 400 AMPS  |

**METER CENTER MC-2**

| UNIT TYPE               | QTY | @ | KVA             | TOTAL KVA |
|-------------------------|-----|---|-----------------|-----------|
| UNIT A1                 | 2   | X | 34.03 =         | 68.05     |
| UNIT A4                 | 2   | X | 35.54 =         | 71.09     |
| UNIT A6                 | 1   | X | 35.88 =         | 35.88     |
| HOUSE PANEL HP          |     |   |                 |           |
|                         | 5   |   |                 |           |
| DEMAND FACTOR           |     |   |                 |           |
|                         |     |   | 175.02 X 0.45 = | 78.76 KVA |
|                         |     |   | 10.00 X 1.00 =  | 10.00 KVA |
|                         |     |   |                 | 88.76     |
|                         |     |   | @ 240 VAC 1 PH  | 370 AMPS  |
| RESIDENTIAL METER MAIN: |     |   |                 |           |
|                         |     |   |                 | 400 AMPS  |




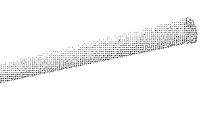
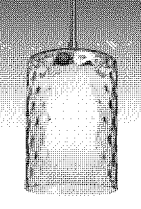


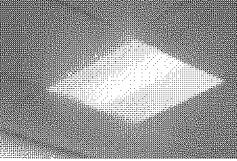
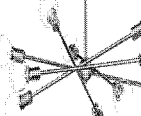
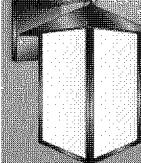



**METER CENTER MC-3**

| UNIT TYPE               | QTY | @ | KVA             | TOTAL KVA |
|-------------------------|-----|---|-----------------|-----------|
| UNIT A1                 | 2   | X | 34.03 =         | 68.05     |
| UNIT A4                 | 1   | X | 35.54 =         | 35.54     |
| HOUSE PANEL HP          |     |   |                 |           |
|                         | 3   |   |                 |           |
| DEMAND FACTOR           |     |   |                 |           |
|                         |     |   | 103.59 X 0.45 = | 46.62 KVA |
|                         |     |   | 10.00 X 1.00 =  | 10.00 KVA |
|                         |     |   |                 | 56.62     |
|                         |     |   | @ 240 VAC 1 PH  | 236 AMPS  |
| RESIDENTIAL METER MAIN: |     |   |                 |           |
|                         |     |   |                 | 400 AMPS  |

**METER CENTER MC-4**

| UNIT TYPE               | QTY | @ | KVA             | TOTAL KVA |
|-------------------------|-----|---|-----------------|-----------|
| UNIT A1                 | 2   | X | 34.03 =         | 68.05     |
| UNIT A4                 | 2   | X | 35.54 =         | 71.09     |
| UNIT A6                 | 2   | X | 35.88 =         | 71.75     |
| HOUSE PANEL HP          |     |   |                 |           |
|                         | 6   |   |                 |           |
| DEMAND FACTOR           |     |   |                 |           |
|                         |     |   | 210.89 X 0.45 = | 94.90 KVA |
|                         |     |   | 10.00 X 1.00 =  | 10.00 KVA |
|                         |     |   |                 | 104.90    |
|                         |     |   | @ 240 VAC 1 PH  | 437 AMPS  |
| RESIDENTIAL METER MAIN: |     |   |                 |           |
|                         |     |   |                 | 600 AMPS  |

**LUMINAIRE SCHEDULE - PASCO COUNTY HOUSING AUTHORITY**

| IMAGE   | TYPE | DESCRIPTION  | MANUFACTURER  | MOUNTING      | DIMMING | LUMENS  | WATTAGE | VOLTAGE |
|---|------|--|---|---------------|---------|---------|---------|---------|
|    | A    | 6" DOWNLIGHT, 1,100 LUMENS, 50,000 HOUR L70 RATED LIFE, WET LOCATION RATED                                   | LITON # LCMLD56AC-T30                                 | CEILING       | ELV     | 1100lm  | 15W     | 120V    |
|    | B    | 52" CEILING FAN, WHITE, WITH LED LIGHT, LIFETIME MOTOR WARRANTY, 3000K, WORKS WITH ALEXA AND APPLE HOMEKIT   | HUNTER FANS # AERODYNE WITH LED LIGHT 52 INCH         | CEILING       | N/A     | 800lm   | 48W     | 120V    |
|    | C    | 2' WRAP, 2000 LUMENS, 100,000 HOUR L70 RATED LIFE, 5 YEAR WARRANTY   | DAYBRITE # FSW-2-20L-840-UNV-DIM                      | SURFACE       | 0-10V   | 2000lm  | 17W     | UNV     |
|    | D    | 4' WRAP, 4000 LUMENS, 100,000 HOUR L70 RATED LIFE, 5 YEAR WARRANTY   | DAYBRITE # FSW-4-40L-835-UNV-DIM-FSTH                 | SURFACE       | 0-10V   | 4000lm  | 31W     | UNV     |
|    | E    | 4.7" CLEAR GLASS CYLINDER LED MINI PENDANT   | BESA LIGHTING # 1JT-ESACL-LED-3000K-SATIN NICKEL      | SUSPENDED     | ELV     | 500lm   | 5W      | 120V    |
|    | EM   | EMERGENCY UNIT FIXTURE, WHITE THERMOPLASTIC HOUSING, HIGH OUTPUT LED   | VL TU2R   | SURFACE       | N/A     | N/A     | 2W      | 120V    |
|    | F    | 2' VANITY, CHROME FINISH, 923 LUMENS, 50,000 HOUR L70 RATED LIFE, 5 YEAR WARRANTY                            | VONN # VMW11024                                       | SURFACE       | ELV     | 923lm   | 24W     | 120V    |
|    | G    | 2X2 TROFFER, CENTER DIFFUSE LENS, 4500 LUMENS, 87,000 HOUR L70 RATED LIFE, 5 YEAR WARRANTY                   | DAY-BRITE # 2-CAX-G-45L-835-2-DS-UNV-DIM              | RECESSED      | 0-10V   | 4500lm  | 42W     | UNV     |
|    | H    | CHANDELIER, SMOKE GLASS, BRUSHED NICKEL FINISH, 770 LUMENS   | KICHLER # 43118WH<br>LAMP TYPE: G INCANDSCENT         | SUSPENDED     | ELV     | 1400lm  | 100W    | 120V    |
|   |      | WET RATED CRAFTSMAN LED WALL LANTERN WITH ARM , MATTE BLACK  | EVERGREEN # 302210L-AA-3000K-MBK                      | SURFACE       | NON-DIM | 1000lm  | 10W     | 120V    |
|  | X    | EXIT, WHITE THERMOPLASTIC HOUSING, RED LETTERS, NICKLE CADMIUM BATTERY                                       | PX-R-SA   | SURFACE       | N/A     | N/A     | N/A     | 120V    |
|  |      | EXTERIOR DECORATIVE POST TOP WITH TEXTURED ACRYLIC AND HARD TOP, 13593 LUMENS, STANDARD 10KV SURGE PROTECTOR | VISIONAIRE # N2S-L-HTL2TA-T5-5-UNV-PT-BK-FIN2-PCR-208 | POST TOP      | NONE    | 13593lm | 128W    | 208V    |
|  |      | 14" ROUND TAPERED DIRECT BURIAL POLE WITH 150 MPH WIND LOAD EPA  | ULS # RTF-1-EMB-18-CO-T3                              | DIRECT BURIAL | N/A     | N/A     | N/A     | N/A     |

NOTES:

CONTACT KARINA MENKE @ SESCO LIGHTING 407.453.2389 KMEINKE@SESCOLIGHTING.COM

1. The specified fixtures have been selected based on photometric performance, electrical characteristics, visual comfort and aesthetic interpretation and as such any contractor wishing to propose alternate fixtures must submit such request, in writing, TEN (10) work days prior to bid. Approvals shall only be issued by the architect in the form of an addendum to the bid documents.

2. All bidders must provide pricing for the specified package as a base bid. Any proposed alternate products to the specified package must first be approved. If approved, the substitutes must be quoted with itemized deduct pricing to the owner by fixture type.

3. Final fixture colors and finishes shall be selected and approved by owner/architect



|   |   |   |   |   |   |   |   |   |   |    |  |
|---|---|---|---|---|---|---|---|---|---|----|--|
|   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |  |
| H |   |   |   |   |   |   |   |   |   |    |  |
| G |   |   |   |   |   |   |   |   |   |    |  |
| F |   |   |   |   |   |   |   |   |   |    |  |
| E |   |   |   |   |   |   |   |   |   |    |  |
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DFW RADON/VOC  
6341 SOLONA CIR N  
FORT WORTH, TEXAS 76117  
817-759-2808

July 25, 2022

Mickey Jacob  
Goodwin Mills Cawood Architectures  
201 North Franklin Street  
Suite 250  
Tampa, Florida 33602

Passive Soil Gas Mitigation System Report:

Property – Magnolia Oaks Apartments a new construction property multifamily apartment complex located in New Port Richey, Florida. The apartment complex consists of five designs including the clubhouse. The project is in Pasco County in a Radon Zone 3.

Scope of Work:

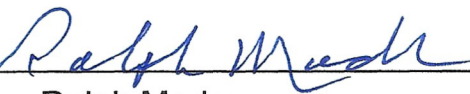
DFW RadonVOC was engaged to design a passive soil gas mitigation system meeting the requirements found in the HUD Multifamily Accelerated Processing (MAP) Guide 9.6.3.5. The document Soil Gas Control Systems in New Construction of Buildings ANSI/AARST CC-1000 2018 was used to verify the design requirements were met.

Results Summary:

The accompanying PDF design shows the location of various “loops” of the soil gas collector mats with their four inch vertical risers installed to cover approximately 3,800 square feet. The design includes 11 passive soil gas mitigation systems (SGMS) for the buildings in the apartment complex. If post construction radon testing indicates the presence of radon concentrations in any building above the EPA's action level, an appropriate sized radon fan for the sub-slab area can be installed and the passive soil gas mitigation system can be activated. After slabs have been cast an evaluation of the soil gas collection systems shall be conducted to verify that no changes are needed for the design of exhaust vent pipe assemblies that will soon be constructed per ANSI/AARST CC-1000 2018, 7.1 & 7.2

The passive soil gas mitigation system contains the following:

1. Soil gas collector mats
2. T “riser” adapter to transition from the soil gas collector mats to the vertical risers
3. Four inches of gas permeable layer of coarse sand or gravel per ASTM C33 over the subbase and under the slab
4. Minimum 6 mil polyethylene sheeting turned up onto the foundation walls not less than 6 inches and continuously sealed to the wall along the full perimeter and with the seams overlapping not less than 12 inches. The sheeting to be laid on the soil gas collector mats before casting the concrete slab.
5. An electric boxed outlet within 6 feet of the vent system piping in the attic
6. Four inch schedule 40 PVC pipe vent system that extends vertically through the roof at least twelve inches above
7. Labels or markings shall be placed in accordance with ANSI/AARST CC-1000 2018, section 8.10.
8. Exhaust vent piping shall have a slope of not less than 1/8 inch per foot. Sloped sections of horizontal pipe in excess of 15 feet shall be avoided to the extent practicable.

  
Ralph Madore

NRPP 105162RMP / 105163RMS

R

ADON

C

ONSULTANT

July 25, 2022

Ralph Madore

DFW RadonVOC, LLC

NRPP 105162RMP/105163RMS

6341 Solona Cir N

Fort Worth, Texas 76117

817-759-2808

Mickey,

I have reviewed the building plans for passive soil gas mitigation system at Magnolia Oaks Apartments located in New Port Richey, Florida submitted by Mickey Jacob of Goodwin, Mills, Cawood Architectures, located in Tampa, Florida.

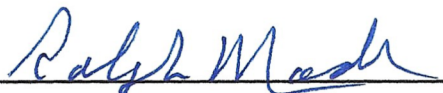
The Magnolia Oaks Apartments are located in New Port Richey, Florida (Pasco County) in EPA Radon Zone 3 and these building plans meet the requirements found in MAP Guide chapter 9.6.3.5.A.1.

The design has incorporated a series of horizontal soil gas collector mats, with a gas permeable layer of coarse sand or gravel of at least 4 inch thickness, connected to a vertical riser extending through the roof. Each 3800 square feet of coverage includes a four inch PVC pipe vertical riser as found in American National Standards Institute (ANSI) document Soil Gas Control Systems in New Construction of Buildings ANSI/AARST CC-1000 2018. This will allow the passive sub slab depressurization systems (SSDS) to possibly vent the radon to an acceptable level. If not, radon fan(s) can be installed and an active SSDS will be commissioned. The plans include the placement of electrical junction boxes for fan hook ups and sealing of possible radon entries through the plastic sheeting and slab.

In accordance with passive soil gas mitigation system design, after slabs have been cast, an evaluation of pressure field extension (PFE) shall be conducted to verify that no changes are needed for the design of exhaust vent pipe assemblies that will be constructed.

Reminder that radon testing must be performed after construction is complete, but prior to Final Closing

It is my professional opinion that the plans will assure that the purpose of passive soil gas mitigation will be met. \*



Ralph Madore      Nationally Licensed Radon Mitigator

NRPP 105162RMP / 105163RMS

\*Not responsible for actual oversight or installation by a third party



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| ISSUE                      | DATE       |
|----------------------------|------------|
| 100% CONSTRUCTION DOCS SET | 06/28/2022 |
| INTERVEST REVIEW           | 07/27/2022 |
| BID ISSUE                  | 08/12/2022 |
|                            |            |
|                            |            |
|                            |            |
|                            |            |
| DRAWN BY:                  | GMC        |
| CHECKED BY:                | GMC        |

MAGNOLIA OAKS  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA





BID SET 8-12-2022

RADON  
MITIGATION  
NOTES

R001





| LEGEND  |   |
|---|---|
| VENT RISER  |  |
| TRANSITION FROM SOIL/<br>GAS COLLECTOR MAT TO<br>VENT RISER |  |
| SOIL GAS COLLECTOR MAT                                      |  |
| THRU-WALL SLEEVE  |  |







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| HUD PROJECT NO. 067 - 35592 |        |       |                                |        |       |                 |        |       |
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| GOODWYN MILLS CAWOOD        |        |       | PASCO COUNTY HOUSING AUTHORITY |        |       | ADROC CAPITAL   |        |       |
| ARCHITECT                   |        |       | OWNER                          |        |       | LEASING COMPANY |        |       |
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MAGNOLIA OAKS  
7240 & 7338  
MASSACHUSETTS AVE  
NEW PORT RICHEY, FLORIDA

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