

LEGEND NOTES

SHEET LIST

| GENERAL |                           | INTERIORS |                               | ELECTRICAL |  |
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|         |                           |           |                               | A1405      | SIGNAGE LOCATIONS  |

NOT FOR CONSTRUCTION

GARRETT COLLEGE CEPAC

887 MOSSER ROAD, MCHEENY, MD 21541

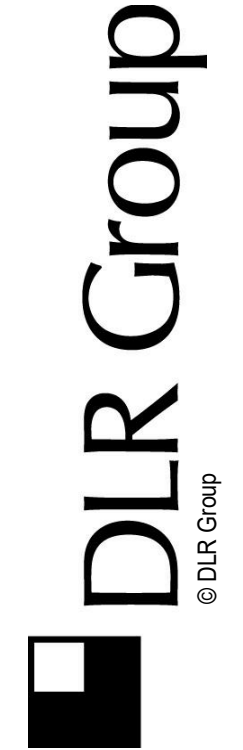
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Revisions  
1 ADDENDUM 01 12/11/2019

56-18107-00

LIST OF DRAWINGS

G001A



**ABBREVIATIONS**

|           |   |       |  |         |  |      |                                   |
|-----------|---|-------|--|---------|--|------|-----------------------------------|
| #         | NUMBER                                    | EWC   | ELECTRIC WATER COOLER                    | NFPA    | NATIONAL FIRE PROTECTION ASSOCIATION         | UR   | URINAL                            |
| &         | AND                                       | EXIST | EXISTING                                 | NIC     | NOT IN CONTRACT                              | US   | UTILITY SHELF                     |
| @         | AT  | EXP   | EXPANDED                                 | NOM     | NOMINAL                                      | UTIL | UTILITY                           |
| AB        | ANCHOR BOLT                               | EXT   | EXTERIOR                                 | NTS     | NOT TO SCALE                                 | VB   | VAPOR BARRIER                     |
| AB        | AIR BARRIER                               | EXR   | EXTERIOR                                 | NWC     | NORMAL WEIGHT CONCRETE                       | VB   | VINYL BASE                        |
| ABS       | ASBESTOS                                  | F     | FABRIC                                   | O to O  | OUT TO OUT                                   | VCB  | VERTICED COVE BASE                |
| ACC       | ADA ACCESSIBLE                            | F.O.  | FACE OF                                  | OA      | OVERALL                                      | VERT | VERTICAL                          |
| ACR       | ACRYLIC                                   | F.V.  | FIELD VERIFY                             | OC      | ON CENTER                                    | VEST | VESTIBULE                         |
| AD        | ACCESS DOOR                               | FAB   | FABRICATED                               | OF      | OWNER FURNISHED CONTRACTOR INSTALLED         | VF   | VINYL FLOOR                       |
| ADA       | AMERICANS WITH DISABILITY ACT             | FB    | FLOOR BRICK                              | OFF     | OFFICE                                       | VOC  | VOLATILE ORGANIC COMPOUND         |
| ADDN      | ADDITION OR ADDITIONAL                    | FD    | FLOOR DRAIN                              | OFCI    | OWNER FURNISHED OWNER INSTALLED              | VOL  | VOLUME                            |
| ADJ       | ADJUSTABLE                                | FDN   | FOUNDATION                               | OP(S)   | OPENING(S)                                   | VP   | VENEER PLASTER                    |
| ADJT      | ADJACENT                                  | FE    | FIRE EXTINGUISHER                        | OPP     | OPPOSITE                                     | VT   | VINYL TILE                        |
| ADMN      | ADMINISTRATION                            | FEC   | FIRE EXTINGUISHER CABINET                | OSHA    | OPERATIONAL SAFETY AND HEALTH ADMINISTRATION | VWC  | VINYL WALL COVERING               |
| AEC       | AUTOMATED EXTERNAL DEBRILLATORS           | FF    | FINISH FLOOR                             | OTB     | OPEN TO BELOW                                | W    | WEST                              |
| AF        | ABOVE FINISHED FLOOR                      | FH    | FIRE HYDRANT                             | OVFL    | OVERFLOW                                     | W    | WIDE                              |
| AFG       | ABOVE FINISHED GRADE                      | FHC   | FIRE HOSE CABINET                        | OVHD    | OVERHEAD                                     | W    | WITH                              |
| AHJ       | AUTHORITY HAVING JURISDICTION             | FIG   | FIGURE                                   | P       | PAINT  | W/O  | WITHOUT                           |
| AL        | ALUMINUM                                  | FIN   | FINISHED                                 | PAN B   | PANIC BOLT                                   | WB   | WALL BASE                         |
| ALT       | ALTERNATE                                 | FX    | FIXTURE                                  | PAR     | PARALLEL                                     | WC   | WATER CLOSET                      |
| ALUM      | ALUMINUM                                  | FL    | FLOOR                                    | PB      | PARTICLE BOARD                               | WC   | WALL COVERING                     |
| ANCH      | ANCHOR                                    | FLSH  | FLASHING                                 | PC      | PRECAST CONCRETE                             | WCL  | WATER CLOSET/LAVATORY COMBINATION |
| ANSI      | AMERICAN NATIONAL STANDARDS INSTITUTE     | FLEX  | FLEXIBLE                                 | PCT     | PAPER CUP DISPENSER                          | WD   | WOOD                              |
| AP        | ACCESS PANEL                              | FLG   | FLOORING                                 | PCF     | PORCELAIN CERAMIC TILE                       | WDF  | WOOD FLOORING                     |
| APC       | ACOUSTIC PANEL CEILING                    | FLM   | FULL LENGTH MIRROR                       | PD      | PANIC DEVICE                                 | WDF  | WOOD FLOORING                     |
| APPROX    | APPROXIMATE                               | FLUR  | FLUORESCENT                              | PD      | PANIC DEVICE                                 | WDF  | WOOD FLOORING                     |
| ARCH      | ARCHITECTURAL                             | FO    | FINISH OPENING                           | PENT    | PENTHOUSE                                    | WFG  | POLISHED WIRE GLASS               |
| ASPH      | ASPHALT                                   | FOC   | FACE OF CONCRETE                         | PERF    | PERFORATED                                   | WI   | WROUGHT IRON                      |
| AUTO      | AUTOMATIC                                 | FOF   | FACE OF FINISH                           | PERP    | PERPENDICULAR                                | WOM  | WALK OFF MAT                      |
| AVG       | AVERAGE                                   | FOM   | FACE OF MASONRY                          | PG      | PATTERN GLASS                                | WR   | WASTE RECEPTACLE                  |
| AWP       | ACOUSTIC WALL PANEL                       | FOS   | FACE OF STUD                             | PIC     | PORTABLE INSTRUMENT CONNECTION               | WRB  | WEATHER RESISTANT BARRIER         |
|           |   | FOW   | FACE OF WALL                             | PIG     | PATTERN INSULATING GLASS                     | WW   | WARM WHITE                        |
| B.O.      | BOTTOM OF                                 | FP    | FIREPROOFING                             | PL      | PLATE  | WWF  | WELDED WIRE FABRIC                |
| B/S       | BAY/CHANGING STATION                      | FR    | FIRE RESISTANT                           | PL      | PROPERTY LINE                                | YD   | YARD                              |
| BD        | BOARD                                     | FRP   | FIBERGLASS REINFORCED PANEL              | PLAM    | PLASTIC LAMINATE                             |      |                                   |
| BLDG      | BUILDING                                  | FRT   | FIRE RESISTANCE TREATED                  | PLBG    | PLUMBING                                     |      |                                   |
| BLK       | BLOCK                                     | FS    | FLOOR SINK                               | PLYWD   | PLYWOOD                                      |      |                                   |
| BLKG      | BLOCKING                                  | FSS   | FOLDING SHOWER SEAT                      | PAIR    | PAIR   |      |                                   |
| BLKHD     | BLOCKHEAD                                 | FT    | FEET                                     | PREFAB  | PREFABRICATED                                |      |                                   |
| BMS       | BEAMS                                     | FTG   | FOOTING                                  | PROJ    | PROJECTOR (ION)                              |      |                                   |
| BOT       | BOTTOM                                    | FUT   | FUTURE                                   | PS      | PROJECTION SCREEN                            |      |                                   |
| BRDG      | BRIDGING                                  | FVC   | FIRE VALVE CABINET                       | PT      | POINT  |      |                                   |
| BRG       | BEARING                                   | FWC   | FABRIC WALL COVERING                     | PTD     | PAPER TOWEL DISPENSER                        |      |                                   |
| BRKT      | BRACKET                                   | G     | GROUT                                    | PTDR    | COMBINATION TOWEL DISPENSER/RECEPTACLE       |      |                                   |
| BSMT      | BASEMENT                                  | GA    | GAUGE                                    | PTN     | PARTITION                                    |      |                                   |
| BT        | BATHTUB                                   | GAL   | GALLON                                   | PVC     | POLYVINYL CHLORIDE                           |      |                                   |
| BTWN      | BETWEEN                                   | GALV  | GALVANIZED                               | PWL     | SOUND POWER LEVEL                            |      |                                   |
| C         | CHANNEL                                   | GB    | GRAB BAR                                 | QT      | QUARRY TILE                                  |      |                                   |
| CAB       | CABINET                                   | GC    | GENERAL CONTRACTOR                       | QTR RND | QUARTER ROUND                                |      |                                   |
| CANT      | CANTILEVER                                | GD    | GARBAGE DISPOSAL                         | QTY     | QUANTITY                                     |      |                                   |
| CAP       | CAPACITY                                  | GEN   | GENERAL                                  | RAD     | RADIUS                                       |      |                                   |
| CB        | CHALKBOARD                                | GFA   | GROSS FLOOR AREA                         | RB      | RUBBER BASE                                  |      |                                   |
| CER       | CERAMIC                                   | GL    | GLUE LAMINATED                           | RC      | REMOTE CONTROL                               |      |                                   |
| CF        | CUBIC FEET                                | GL    | GLASS                                    | RCP     | REFLECTED CEILING PLAN                       |      |                                   |
| CFCI      | CONTRACTOR FURNISHED CONTRACTOR INSTALLED | GMP   | GUARANTEED MAXIMUM PRICE                 | RD      | ROOF DRAIN                                   |      |                                   |
| CFSF      | COLD-FORMED STEEL FRAMING                 | GOVT  | GOVERNMENT                               | REF     | REFERENCE                                    |      |                                   |
| CG        | CLEAR FLOAT GLASS                         | GR    | GRADE                                    | REFL    | REFLECTED                                    |      |                                   |
| CI        | CAST IRON                                 | GRS   | GALVANIZED RIGID STEEL                   | REM     | REMOVABLE                                    |      |                                   |
| CG        | CLEAR INSULATING GLASS                    | GWB   | GYPSON WALL BOARD                        | REQ(D)  | REQUIRED                                     |      |                                   |
| CP        | CAST IN PLACE                             | GYP   | GYPSON                                   | RESIL   | RESILIENT                                    |      |                                   |
| CJ        | CONTROL JOINT                             | H     | HEIGHT                                   | REV     | REVISION                                     |      |                                   |
| CJA       | CONTROL JOINT ABOVE                       | HC    | HOLLOW CORE                              | RF      | RUBBER FLOOR                                 |      |                                   |
| CL        | CENTER LINE                               | HD    | HAND DRYER                               | RFM     | RECESSED FLOOR MAT                           |      |                                   |
| CLG       | CEILING                                   | HDBD  | HARDBOARD                                | RH      | ROBE HOOK                                    |      |                                   |
| CLOS      | CLOSET                                    | HDR   | HEADER                                   | RHC     | ROUGH IN AND CONNECT                         |      |                                   |
| CLR       | CLEAR                                     | HDMW  | HARDWOOD                                 | RHM     | ROUND  |      |                                   |
| CMU       | CONCRETE MASONRY UNIT                     | HM    | HOLLOW METAL                             | RND     | ROUND  |      |                                   |
| COL       | COLUMN                                    | HORIZ | HORIZONTAL                               | S       | SOUTH  |      |                                   |
| COM       | COMBINATION                               | HR    | HOUR                                     | S       | SINK   |      |                                   |
| COMM      | COMMUNICATIONS                            | HS    | HANDRAIL                                 | SAT     | SPRAYED ACOUSTIC TREATMENT                   |      |                                   |
| COMPR     | COMPRESSIBLE                              | HS    | HARDWARE SET                             | SAW     | SOUND ABSORBING WALL UNITS                   |      |                                   |
| CONC      | CONCRETE                                  | HSS   | HOLLOW STRUCTURAL SHAPE                  | SB      | SPLASH BLOCK                                 |      |                                   |
| CONF      | CONFERENCE                                | HVAC  | HEATING VENTILATING AND AIR CONDITIONING | SC      | SOLID CORE                                   |      |                                   |
| CONFIG    | CONFIGURATION                             | IA    | THAT IS                                  | SC      | SHOWER CURTAIN                               |      |                                   |
| CONN(S)   | CONNECTION(S)                             | IAC   | IN ACCORDANCE WITH                       | SCD     | SEAT COVER DISPENSER                         |      |                                   |
| CONST     | CONSTRUCTION                              | IBC   | INTERNATIONAL BUILDING CODE              | SCH     | SHOWER CURTAIN HOOK                          |      |                                   |
| CONT      | CONTINUOUS                                | ID    | INSIDE DIAMETER                          | SCHED   | SCHEDULE                                     |      |                                   |
| CONTR     | CONTRACTOR                                | IF    | INSIDE FACE                              | SCR     | SHOWER CURTAIN ROD                           |      |                                   |
| CORR      | CORRIDOR                                  | IJ    | ISOLATION JOINT                          | SCT     | STRUCTURAL CLAY TILE                         |      |                                   |
| CP        | COVER PLATE                               | IS    | IN JOIST SPACE                           | SCD     | SEAT DISPENSER                               |      |                                   |
| CPT       | CARPET                                    | IN    | INCH                                     | SECT    | SECTION                                      |      |                                   |
| CR        | CHAIR RAIL                                | INC   | INCLUDE(ING)                             | SECY    | SECRETARY                                    |      |                                   |
| CR        | COUNTERSINK                               | INSUL | INSULATION                               | SG      | SPANDREL GLASS                               |      |                                   |
| CSTJ      | CONSTRUCTION JOINT                        | INT   | INTERIOR                                 | SGL     | SINGLE                                       |      |                                   |
| CSWK      | CASEWORK                                  | JAN   | JANITOR                                  | SH      | SHOWER                                       |      |                                   |
| CT        | CERAMIC TILE                              | JCT   | JUNCTION                                 | SHM     | SECURITY HOLLOW METAL                        |      |                                   |
| CTG       | CLEAR TEMPERED FLOAT GLASS                | JST   | JOINT FILLER BOARD                       | SHT     | SHEET  |      |                                   |
| CTR       | CENTER                                    | JT    | JOINT                                    | SIM     | SIMILAR                                      |      |                                   |
| CJ        | COPPER                                    | KCJ   | KEYED CONSTRUCTION JOINT                 | SLNT    | SEALANT                                      |      |                                   |
| CJ        | CUBIC                                     | KD    | KNOCKDOWN                                | SM      | SHEET METAL                                  |      |                                   |
| CJ        | COMBINATION UNIT                          | KH    | KITCHEN HOOD                             | SND     | SANITARY NAPKIN DISPOSAL                     |      |                                   |
| CY        | CONDOM VENDOR                             | KIT   | KITCHEN                                  | SNV     | SANITARY NAPKIN VENDOR                       |      |                                   |
| CY        | CUBIC YARD                                | L     | LABORATORY                               | SPEC    | SPECIFICATION(S)                             |      |                                   |
| CYL       | CYLINDER                                  | LAM   | LAMINATED                                | SPL     | SOUND PRESSURE LEVEL                         |      |                                   |
| D         | DEPTH                                     | LAV   | LAVATORY                                 | SQ      | SQUARE                                       |      |                                   |
| DB        | DECEBEL                                   | LB(S) | POUND(S)                                 | SS      | STAINLESS STEEL                              |      |                                   |
| DBL       | DOUBLE                                    | LBR   | LUMBER                                   | SSA     | SOLID SURFACE                                |      |                                   |
| DC        | DUST COLLECTOR                            | LDG   | LOADING                                  | SSS     | STAINLESS STEEL SHELF                        |      |                                   |
| DEG       | DEGREE                                    | LF    | LINEAR FOOT                              | ST      | STONE  |      |                                   |
| DEMO      | DEMOLISH OR DEMOLITION                    | LG    | LENGTH (LONG)                            | STAR    | STAR   |      |                                   |
| DEPR      | DEPRECIATED                               | LG    | LAMINATED GLASS                          | STAGD   | STAGGERED                                    |      |                                   |
| DEPT      | DEPARTMENT                                | LIN   | LINEAR                                   | STC     | SOUND TRANSMISSION CLASS                     |      |                                   |
| DET       | DETAIL                                    | LNO   | LINEOLEUM                                | STD     | STANDARD                                     |      |                                   |
| DET       | DETENTION                                 | LKR   | LOOKER                                   | STR     | STRINGER                                     |      |                                   |
| DF        | DRINKING FOUNTAIN                         | LOC   | LOCATION                                 | STL     | STEEL  |      |                                   |
| DG        | DOOR GRILLE                               | LOC   | LOCATION                                 | STOR    | STORAGE                                      |      |                                   |
| DIA       | DIAMETER                                  | LONG  | LONGITUDINAL                             | STRUCT  | STRUCTURAL                                   |      |                                   |
| DIAG      | DIAGONAL                                  | LSC   | LIFE SAFETY CODE                         | SUBFL   | SUBFLOOR                                     |      |                                   |
| DM        | DIMENSION                                 | LSC   | LIFE SAFETY CODE                         | SURF    | SURFACE                                      |      |                                   |
| DM        | SPECIFICATION DIVISION                    | LTV   | LIGHTING                                 | SUSP    | SUSPENDED                                    |      |                                   |
| DN        | DOWN                                      | LTV   | LIGHTING                                 | SV      | SHEET VINYL                                  |      |                                   |
| DPFG      | DAMP PROOFING                             | LVT   | LUXURY VINYL TILE                        | SYM     | SYMMETRICAL                                  |      |                                   |
| DR        | DOOR                                      | LWC   | LIGHT WEIGHT CONCRETE                    | T       | TREAD  |      |                                   |
| DSN       | DOWNSPOUT NOZZLE                          | M     | THOUSAND                                 | T&G     | TONGUE AND GROOVE                            |      |                                   |
| DSHWASHER | DISHWASHER                                | MAG   | MAGNETIC                                 | T.O.    | TOP OF                                       |      |                                   |
| DWG(S)    | DRAWING(S)                                | MAINT | MAINTENANCE                              | TAN     | TANGENT                                      |      |                                   |
| DWL(S)    | DOWEL(S)                                  | MAN   | MANUAL                                   | TB      | TOWEL BAR                                    |      |                                   |
| DWR       | DRAWER                                    | MAS   | MASONRY                                  | TBD     | TACK BOARD                                   |      |                                   |
| E         | EAST                                      | MATL  | MATERIAL                                 | TCP     | TOILET COMPARTMENT PARTITION                 |      |                                   |
| EA        | EACH                                      | MAX   | MAXIMUM                                  | TEMP    | TEMPORARY                                    |      |                                   |
| EA        | EACH FACE                                 | MB    | MOP BASH                                 | TEMP    | TEMPORARY                                    |      |                                   |
| EB        | EXPANSION BOLT                            | MBD   | MARKER BOARD                             | TERAZZO | TERRAZZO                                     |      |                                   |
| EC        | ELECTRICAL CONTRACTOR                     | MBH   | MOP/BROOM HOLDER                         | TG      | TINTED FLOAT GLASS                           |      |                                   |
| EE        | EACH END                                  | MC    | MEDICINE CABINET                         | TH      | THRESHOLD                                    |      |                                   |
| EEW       | EMERGENCY EYE WASH                        | MECH  | MECHANICAL                               | TI      | TENANT IMPROVEMENT                           |      |                                   |
| EEWS      | EMERGENCY EYE WASH SHOWER                 | ELAS  | ELASTOMERIC                              | TIG     | TINTED INSULATING GLASS                      |      |                                   |
| EFF       | EFFICIENCY                                | MEMB  | MEMBRANE                                 | TMR     | TILT MIRROR UNIT                             |      |                                   |
| EJ        | EXPANSION JOINT                           | MEZZ  | MEZZANINE                                | TOP     | TOP OF PAVING                                |      |                                   |
| EL        | ELEVATION                                 | MFR   | MANUFACTURER                             | TRANS   | TRANSVERSE                                   |      |                                   |
| ELAS      | ELASTIC                                   | MH    | MANHOLE                                  | TT      | TERRAZZO TILE                                |      |                                   |
| ELEC      | ELECTRICAL                                | MIN   | MINIMUM                                  | TTD     | TOILET TISSUE DISPENSER                      |      |                                   |
| ELEV      | ELEVATOR                                  | MISC  | MISCELLANEOUS                            | TTG     | TINTED TEMPERED FLOAT GLASS                  |      |                                   |
| EMER      | EMERGENCY                                 | MRS   | MIRROR WITH SHELF                        | TTIG    | TINTED TEMPERED INSULATING GLASS             |      |                                   |
| ENCL      | ENCLOSURE                                 | MTD   | MOUNTED                                  | TW      | TACK WALL                                    |      |                                   |
| ENG       | ENGINEER                                  | MTG   | MOUNTING                                 | TYP     | TYPICAL                                      |      |                                   |
| ENR       | ENTRANCE                                  | MUL   | MULLION                                  | UL      | UNDERWRITERS LABORATORIES                    |      |                                   |
| EQ        | EQUAL                                     | N     | NORTH                                    | UNEX    | UNEXCAVATED                                  |      |                                   |
| EQUIP     | EQUIPMENT                                 | NA    | NOT APPLICABLE                           | UNFIN   | UNFINISHED                                   |      |                                   |
| EQUIV     | EQUIVALENT                                | NC    | NOISE CRITERIA                           | UNO     | UNLESS NOTED OTHERWISE                       |      |                                   |
| EPF       | EPOXY RESIN FLOORING                      |       |  |         |  |      |                                   |
| EUI       | ENERGY USE INTENSITY                      |       |  |         |  |      |                                   |
| EW        | EACH WAY                                  |       |  |         |  |      |                                   |

**GENERAL PROJECT NOTES**

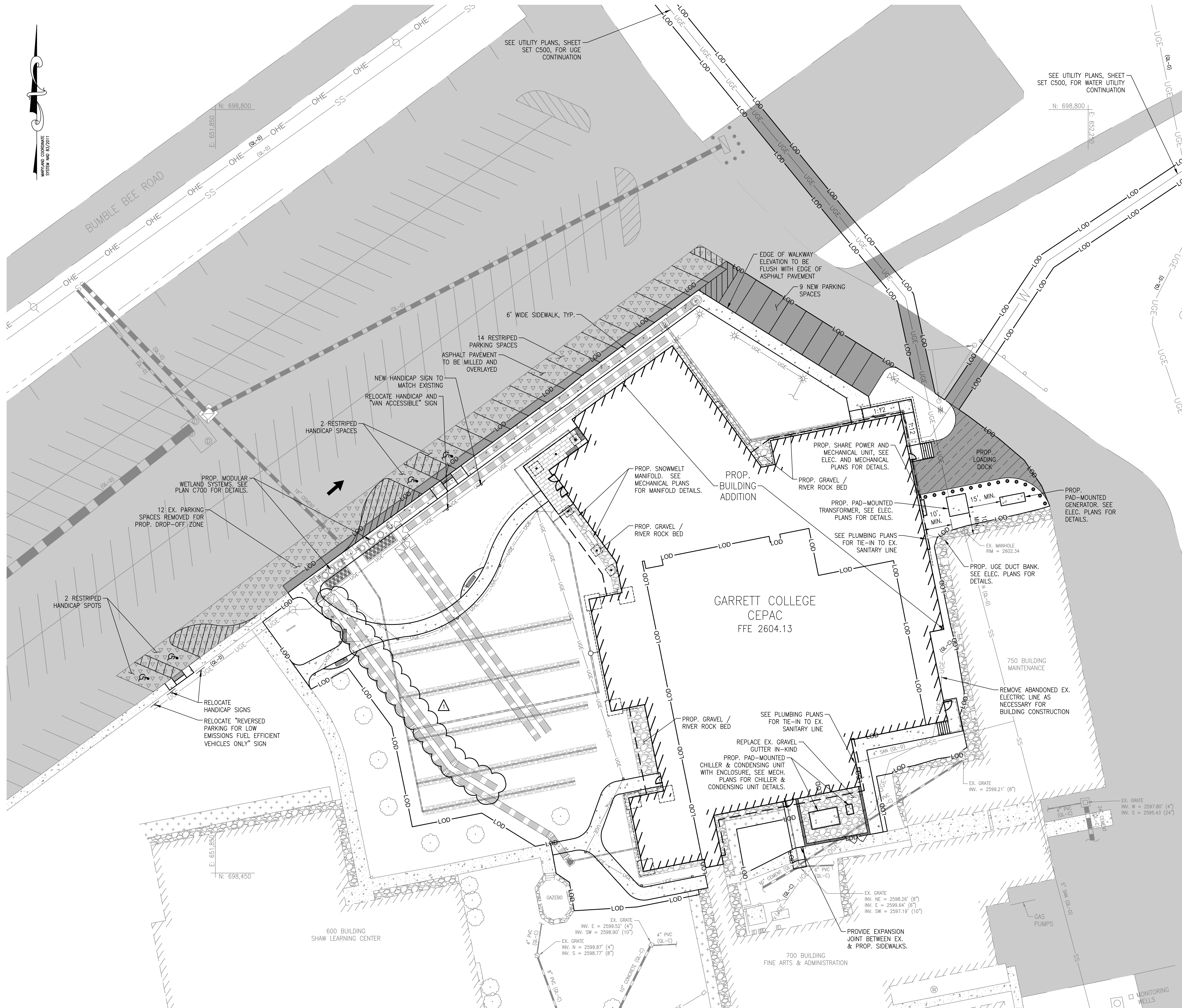
- CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND NOTIFY DESIGNER/BUILDER OF ANY DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS BEFORE COMMENCING WITH ANY WORK.
- GENERAL NOTES SHALL APPLY TO ALL DRAWINGS AND ALL TRADES.
- ALL DIMENSIONS ARE FROM STUD TO STUD, OR TO COLUMN CENTERLINE, OR FACE OF MASONRY UNLESS NOTED OTHERWISE. ALL THICKNESSES ARE NOMINAL DIMENSIONS.
- MAINTAIN WORK AREA IN A WEATHER-TIGHT AND SECURE CONDITION AT ALL TIMES DURING DEMOLITION AND CONSTRUCTION.
- IF ANY UNUSUAL OR UNFORESEEN CONDITIONS ARISE POTENTIALLY AFFECTING THE STRUCTURAL INTEGRITY OF WORK TO REMAIN, NOTIFY THE ARCHITECT IMMEDIATELY PRIOR TO CONTINUING THE WORK. DO NOT CUT OR ALTER STRUCTURAL ELEMENTS WITHOUT PRIOR APPROVAL OF THE ARCHITECT.
- ALL PENETRATIONS THROUGH THE EXISTING FLOOR SLABS SHALL BE CUT OR CORE DRILLED UNLESS OTHERWISE NOTED.
- PROTECT EXISTING SURFACES FROM DAMAGE DURING EXECUTION OF THE WORK. THE CONTRACTOR SHALL REPAIR OR REPLACE ALL DAMAGED ITEMS AT NO EXTRA COST TO THE OWNER. WHERE DEMOLITION DAMAGES SURFACES THAT ARE TO REMAIN IN PLACE, OR EXPOSES PREVIOUSLY UNFINISHED SURFACES, REPAIR THOSE SURFACES TO MATCH THE FINISH AND QUALITY OF ADJACENT UNDAUNAGED SURFACES.
- EXISTING CONDITIONS NOTED ARE AS OF ARCHITECT'S FIELD SURVEY. GC SHALL NOTIFY THE ARCHITECT OF ANY CONDITIONS WHICH ADVERSELY AFFECT THE WORK AS SHOWN.
- ELEMENTS TO BE REMOVED THAT ARE INDICATED BY BROKEN LINES SHOW GENERAL EXTENT OF THE DEMOLITION ONLY. ACTUAL DIMENSIONS MUST BE DETERMINED BY FIELD MEASUREMENT AND COORDINATION WITH NEW WORK TO BE PERFORMED.
- NEW CONSTRUCTION SHALL BE LOCATED SO THAT NEW FINISHED SURFACES ALIGN WITH AND CONTINUE FLUSH WITH EXISTING FINISHED SURFACES AS NOTED ON THE DRAWINGS.
- ALL HOLES, PENETRATIONS, OR OTHER OPENING IN FULL HEIGHT, SOUND INSULATED, OR RATED WALLS (EXISTING OR NEW) SHALL BE FILLED CONSTRUCTION EQUIVALENT TO THE EXISTING WALL CONSTRUCTION OR FIRE STOPPED TO MAINTAIN THE REQUIRED SEPARATION RATING. PARTICULAR ATTENTION MUST BE GIVEN TO SUCH PENETRATIONS IN CONCEALED LOCATIONS. ALL HOLES, SLEEVES, OR PENETRATIONS IN SLAB (EITHER FLOOR SLAB OR SLAB ABOVE) SHALL BE SEALED OR FILLED WITH EQUIVALENT FIRE RATED CONSTRUCTION.
- ANY PIPE OR CONDUIT PENETRATION THROUGH EXTERIOR CONSTRUCTION SHALL BE SEALED AT BOTH SIDES FOR A WATERTIGHT CONDITION.
- ALL DAMAGE OCCURRING ON THE SITE BEYOND THE WORK AREA AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE AND THE FULL SATISFACTION OF THE OWNER.
- CONTRACTOR SHALL CAREFULLY LOCATE ALL EXISTING UTILITIES AND SERVICES PRIOR TO START OF WORK. COORDINATE ALL SHUTOFF OF SERVICES WITH THE OWNER AND THE ARCHITECT.
- IF MATERIALS SUSPECTED OF CONTAINING HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB, IMMEDIATELY NOTIFY THE OWNER.
- DISCREPANCIES IN THE DOCUMENTS: REPORT DISCREPANCIES IN THE CONTRACT DOCUMENTS TO THE ARCHITECT AS SOON AS THEY ARE KNOWN. IF A DISCREPANCY IS REPORTED AFTER THE BID PERIOD, THE CONTRACTOR SHALL BE OBLIGATED TO FURNISH AND INSTALL THE MOST COSTLY ITEM.
- ACCESS DOORS: FURNISH AND INSTALL ACCESS DOORS WHERE ACCESS TO CONCEALED CONTROLS AND EQUIPMENT WILL BE REQUIRED FOR MAINTENANCE OR SERVICING. ACCESS PANELS SHALL HAVE FIRE RESISTIVE RATING EQUAL TO THAT OF ASSEMBLY THAT IT PENETRATES. PROVIDE FLUSH MOUNTED CONCEALED HINGE STYLE ACCESS DOOR U.O.N. REVIEW PROPOSED LOCATION OF ACCESS DOORS WITH ARCHITECT PRIOR TO INSTALLATION.
- METAL STUDS: METAL STUD FRAMING SHALL NOT HAVE PENETRATIONS LARGER THAN 50 PERCENT OF THE WIDTH OF THE STUD.
- COORDINATION: MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION AND TECHNOLOGY SHOWN ON ARCHITECTURAL DRAWINGS TO INDICATE INTENT ARE FOR REFERENCE ONLY. COORDINATION OF MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION EQUIPMENT SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.
- DISSIMILAR METALS: PROVIDE SEPARATION OF DISSIMILAR METALS AT POINTS OF CONTACT AS REQUIRED TO PREVENT GALVANIC ACTION.
- ALL PLYWOOD SHEATHING IS TO BE FIRE TREATED.

**SITE SYMBOLS**

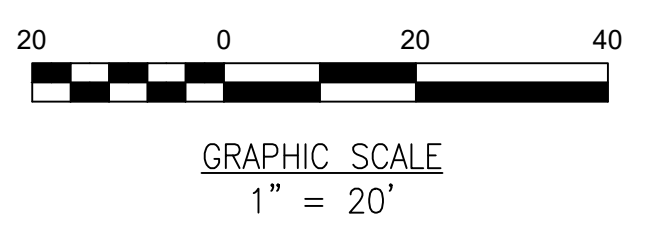
|  |                          |
|--|--------------------------|
| PROPERTY LINE  | AREA INLET               |
| LOT LINE   | CURB INLET               |
| EASMENT LINE   | MANHOLE                  |
| BUILDING LINE, EXISTING                                | OBSERVATION RISER        |
| BUILDING LINE, NEW WOODOR OPENING AND STRUCTURAL STOOD | HEAD WALL                |
| PRIMARY CONTOUR, EXISTING                              | FLARED END               |
| PRIMARY CONTOUR, NEW                                   | CLEAN OUT                |
| SECONDARY CONTOUR, EXISTING                            | CAP                      |
| SECONDARY CONTOUR, NEW                                 | THRUST BLOCK             |
| SLOPE, PAVEMENT  | VALVE                    |
| DRAINAGE DITCH OR SWALE                                | POST INDICATOR VALVE     |
| STREET CENTERLINE                                      | REDUCER                  |
| CURB, THICKENED EDGE                                   | MAGNESIUM ANODE          |
| CURB, EXISTING   | DIELECTRIC COUPLING      |
| CURB, NEW  | CATHODIC TEST STATION    |
| PAVING CONTRACTION JOINT                               | FIRE HYDRANT             |
| PAVING KEYED CONSTRUCTION JOINT                        | POWER POLE               |
| PAVING TIED CONSTRUCTION JOINT                         | LIGHT POLE               |
| PAVING EXPANSION JOINT                                 | TELEPHONE MANHOLE        |
| FENCE, SECURITY  | TELEPHONE BOX            |
| FENCE, BARBED WIRE                                     | SPRINKLER HEAD, 360°     |
| FENCE, CHAIN LINK                                      | SPRINKLER HEAD, 270°     |
| FENCE, WOOD  | SPRINKLER HEAD, 180°     |
| SEED LIMIT   | SPRINKLER HEAD, 90°      |
| SOD LIMIT  | QUICK COUPLING           |
| STORM DRAIN  | TREE, EXISTING DECIDUOUS |
| SUBDRAIN   | TREE, EXISTING CONIFER   |
| SUBDRAIN, PERFORATED                                   | SHADE TREE               |
| SANITARY SEWER   | ORNAMENTAL TREE          |
| FORCE MAIN   | DECIDUOUS TREE           |
| WATER  | SHRUB                    |
| FIRE   | CLIPPED SHRUB            |
| GAS  |                          |
| HPS  |                          |
| MPS  |                          |
| LPS  |                          |
| UGE/UGT  |                          |
| OHP  |                          |
| HOT  |                          |
| LAT  |                          |

**GENERAL SYMBOLS**

|                 |        |
|-----------------|--------|
| DETAIL NUMBER   | EARTH  |
| CROSS REFERENCE | GRAVEL |



**PROPOSED SITE PLAN**



| EXISTING LEGEND |                                    | PROPOSED LEGEND |  |
|-----------------|------------------------------------|-----------------|--|
|                 | EXISTING BUILDING                  |                 | PROPOSED BUILDING                      |
|                 | EXISTING CONCRETE PAVEMENT         |                 | PROPOSED CONCRETE PAVEMENT             |
|                 | EXISTING ASPHALT PAVEMENT          |                 | PROPOSED ASPHALT PAVEMENT              |
|                 | EXISTING GRAVEL                    |                 | PROPOSED HEAVY-DUTY ASPHALT PAVEMENT   |
|                 | EXISTING PLANTING AREA             |                 | PROPOSED ASPHALT MILL & OVERLAY        |
|                 | EXISTING PROPERTY LINE             |                 | PROPOSED PAVERS                        |
|                 | EXISTING MAJOR CONTOUR             |                 | PROPOSED STORMWATER MANAGEMENT DEVICE  |
|                 | EXISTING MINOR CONTOUR             |                 | PROPOSED GRAVEL / RIVER ROCK CUTTER    |
|                 | EXISTING CURB                      |                 | PROPOSED FENCE                         |
|                 | EXISTING SIGN                      |                 | LIMIT OF DISTURBANCE                   |
|                 | EXISTING FENCE                     |                 | PROPOSED BENCH (SEE FURNITURE PACKAGE) |
|                 | EXISTING GUARDRAIL                 |                 | PROPOSED SIGN                          |
|                 | EXISTING BOLLARD                   |                 | PROPOSED REMOVABLE BOLLARD             |
|                 | EXISTING LIGHT POLE                |                 | PROPOSED LIGHTED BOLLARD               |
|                 | EXISTING UTILITY POLE              |                 | PROPOSED UNDERGROUND ELECTRIC LINE     |
|                 | EXISTING ELECTRIC BOX              |                 | PROPOSED WATER LINE                    |
|                 | EXISTING OVERHEAD ELECTRIC LINE    |                 | PROPOSED STORMDRAIN                    |
|                 | EXISTING UNDERGROUND ELECTRIC LINE |                 | PROPOSED DOWNSPOUT                     |
|                 | EXISTING STORMDRAIN MANHOLE        |                 | PROPOSED SITE LIGHT                    |
|                 | EXISTING STORMDRAIN INLET          |                 |  |
|                 | EXISTING STORMDRAIN LINE           |                 |  |
|                 | EXISTING SANITARY MANHOLE          |                 |  |
|                 | EXISTING SANITARY LINE             |                 |  |
|                 | EXISTING WATER METER               |                 |  |
|                 | EXISTING WATER METER               |                 |  |
|                 | EXISTING FIRE HYDRANT              |                 |  |
|                 | EXISTING WATER LINE                |                 |  |
|                 | EXISTING WOODS LINE                |                 |  |
|                 | EXISTING TREE                      |                 |  |

**GENERAL NOTES:**

1. A FIELD RUN TOPOGRAPHICAL AND BOUNDARY SURVEY WAS PERFORMED BY CENTURY ENGINEERING, INC. ON SEPTEMBER 27TH, 2018. NORTHINGS AND EASTINGS REFERENCE THE MARYLAND STATE PLANE COORDINATE SYSTEM (NAD 83).
2. ADDITIONAL SITE FEATURES OUTSIDE THE SURVEY BOUNDARY ARE BASED ON AERIAL PHOTOGRAPHY AND RECORD DRAWINGS PROVIDED BY GARRETT COMMUNITY COLLEGE. NO GUARANTEE IS MADE OR IMPLIED REGARDING THE ACCURACY OR COMPLETENESS THEREOF.
3. EXISTING UNDERGROUND UTILITIES DESIGNATED ON THE PLANS ARE BASED ON CURRENTLY AVAILABLE INFORMATION AND ARE SHOWN FOR REFERENCE ONLY. THE OWNER AND ENGINEER DISCLAIM ANY RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF SAID INFORMATION BEYOND THE DESIGNATION INDICATED. THE QUALITY LEVEL DESIGNATED IS IN ACCORDANCE WITH ASCE "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" (CI/ASCE 38-02). THE CONTRACTOR SHALL MAKE HIMSELF FAMILIAR WITH THOSE STANDARDS PRIOR TO ANY EXCAVATION. IN THE ABSENCE OF QUALITY LEVEL A OR B DESIGNATION, THE CONTRACTOR SHALL VERIFY, TO HIS OWN SATISFACTION, THE EXISTENCE, DEPTH, SIZE, MATERIAL AND LOCATION OF ALL UNDERGROUND UTILITIES, AND DETERMINE WHETHER THOSE UTILITIES ARE LIVE. ANY EARTHWORK IN LOCATIONS WHERE UTILITIES ARE POSSIBLE SHALL BE DONE WITH EXTREME CAUTION. THE GIVING OF INFORMATION ON THE PLANS WILL NOT RELIEVE THE CONTRACTOR OF HIS OBLIGATION TO SUPPORT AND PROTECT ALL DESIGNATED OR UNDESIGNATED EXISTING UTILITIES AND APPURTENANCES. SHOULD ANY EXISTING UTILITY BE DAMAGED BY THE CONTRACTOR, THE CONTRACTOR SHALL REPAIR THE DAMAGE CAUSED TO THE UTILITY OWNER'S SATISFACTION, AT THE CONTRACTOR'S EXPENSE.
4. LIVE UNDERGROUND ELECTRICAL UTILITIES MAY EXIST WITHIN THE WORK AREA. CONTRACTOR SHALL USE EXTREME CAUTION AND SHALL COMPLY WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.
5. INFORMATION SHOWN ON THIS DRAWING HAS BEEN PROVIDED AS A GUIDE TO ASSIST THE CONTRACTOR IN ESTABLISHING THE LOCATIONS OF PROPOSED CONSTRUCTION WITH RESPECT TO EXISTING SITE IMPROVEMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL CONSTRUCTION SURVEY STAKEOUT REQUIRED AND TO CONFIRM ALL INFORMATION SHOWN HEREON.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING TEMPORARY BENCHMARKS THROUGHOUT THE DURATION OF THE PROJECT FOR CONSTRUCTION LAYOUT PURPOSES.
7. UPON REMOVAL OF ALL TOPSOIL AND DELETERIOUS MATERIAL AND PRIOR TO ANY FILL PLACEMENT OR BUILDING CONSTRUCTION, THE UNDERLYING SOIL SUBGRADE MATERIALS SHOULD BE PROOF-ROLLED WITH APPROVED CONSTRUCTION EQUIPMENT. THE PROOF-ROLLING SHOULD BE CONDUCTED WITH A FULLY LOADED DUMP TRUCK WITH A MINIMUM AXLE WEIGHT OF 10 TONS.
8. CONTRACTOR SHALL REMOVE ONLY THE SURFACE AND BINDER COURSE OF ALL EXISTING PAVEMENT TO BE DEMOLISHED LOCATED OUTSIDE OF THE LOD. THE BASE COURSE OF THE EXISTING PAVEMENT SHALL BE LEFT IN PLACE AND REUSED.
9. PROPOSED PAVEMENT TO BE PLACED IMMEDIATELY AFTER ACCEPTABLE SUBGRADE CONDITIONS HAVE BEEN ACHIEVED DUE TO THE POTENTIAL FOR SUBGRADE SOFTENING FROM ADVERSE WEATHER CONDITIONS. HEAVY CONSTRUCTION TRAFFIC SHOULD AVOID TRAVELING ACROSS APPROVED FINAL SUBGRADE AREAS THAT HAVE BEEN EXPOSED TO PRECIPITATION IN ORDER TO HELP MAINTAIN A STABLE SUBGRADE PRIOR TO PAVEMENT CONSTRUCTION.

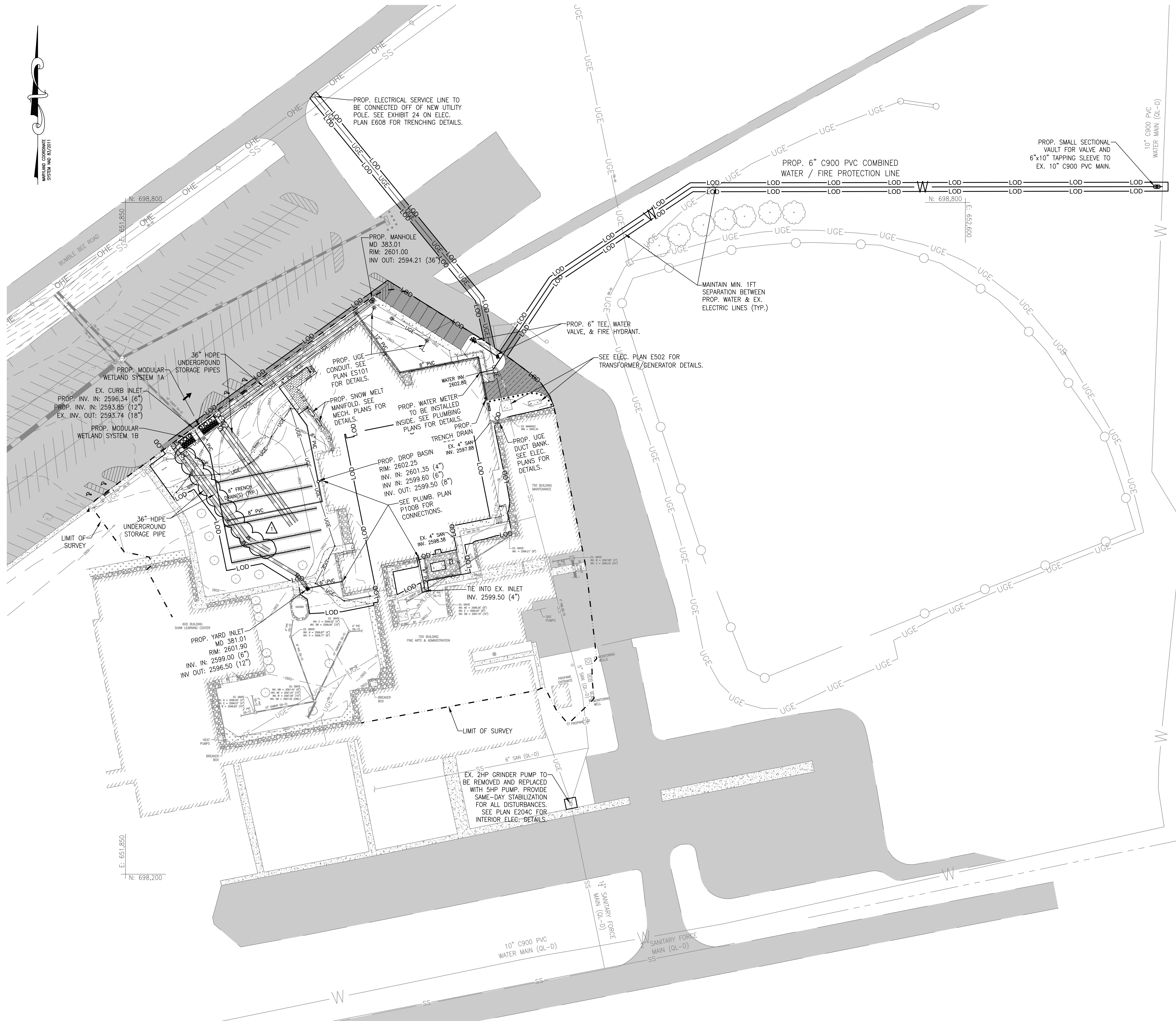
**NOT FOR CONSTRUCTION**

**GARRETT COLLEGE CEPAC**

887 MOSSER ROAD,  
MCKENNEY, MD 21641

ISSUED FOR BID  
AND PERMIT  
Issue Date: 11/15/2019  
Revisions  
1 ADDENDUM 01 12/11/2019

56-18107-00  
PROPOSED  
SITE PLAN

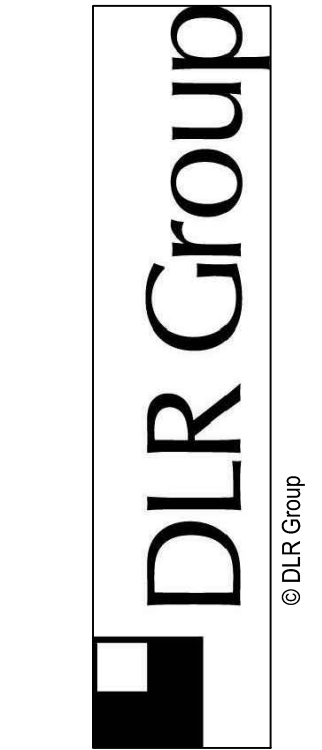
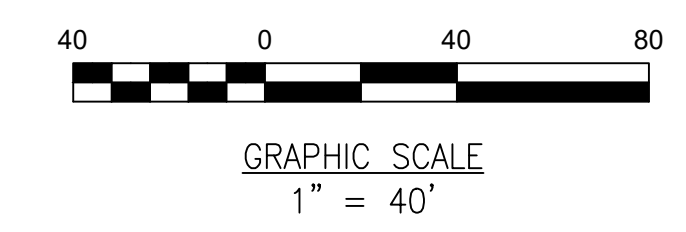


| EXISTING LEGEND |                                    | PROPOSED LEGEND |   |
|-----------------|------------------------------------|-----------------|---|
|                 | EXISTING BUILDING                  |                 | PROPOSED BUILDING                       |
|                 | EXISTING CONCRETE PAVEMENT         |                 | PROPOSED CONCRETE PAVEMENT              |
|                 | EXISTING ASPHALT PAVEMENT          |                 | PROPOSED ASPHALT PAVEMENT               |
|                 | EXISTING GRAVEL                    |                 | PROPOSED HEAVY-DUTY ASPHALT PAVEMENT    |
|                 | EXISTING PLANTING AREA             |                 | PROPOSED ASPHALT MILL & OVERLAY         |
|                 | EXISTING PROPERTY LINE             |                 | PROPOSED PAVERS                         |
|                 | SURVEY BOUNDARY                    |                 | PROPOSED STORMWATER MANAGEMENT DEVICE   |
|                 | 100 EXISTING MAJOR CONTOUR         |                 | PROPOSED GRAVEL / RIVER ROCK CUTTE      |
|                 | 99 EXISTING MINOR CONTOUR          |                 | PROPOSED CONTOUR                        |
|                 | EXISTING CURB                      |                 | PROPOSED FENCE                          |
|                 | EXISTING SIGN                      |                 | LOD LIMIT OF DISTURBANCE                |
|                 | EXISTING FENCE                     |                 | PROPOSED REMOVABLE BOLLARD              |
|                 | EXISTING GUARDRAIL                 |                 | PROPOSED LIGHTED BOLLARD                |
|                 | EXISTING BOLLARD                   |                 | UG-E PROPOSED UNDERGROUND ELECTRIC LINE |
|                 | EXISTING LIGHT POLE                |                 | PROPOSED WATER LINE                     |
|                 | EXISTING UTILITY POLE              |                 | PROPOSED STORMDRAIN                     |
|                 | EXISTING ELECTRIC BOX              |                 | PROPOSED DOWNSPOUT                      |
|                 | EXISTING OVERHEAD ELECTRIC LINE    |                 | PROPOSED SITE LIGHT                     |
|                 | EXISTING UNDERGROUND ELECTRIC LINE |                 |   |
|                 | EXISTING STORMDRAIN MANHOLE        |                 |   |
|                 | EXISTING STORMDRAIN INLET          |                 |   |
|                 | EXISTING STORMDRAIN LINE           |                 |   |
|                 | EXISTING SANITARY MANHOLE          |                 |   |
|                 | EXISTING SANITARY LINE             |                 |   |
|                 | EXISTING WATER METER               |                 |   |
|                 | EXISTING WATER METER               |                 |   |
|                 | EXISTING FIRE HYDRANT              |                 |   |
|                 | EXISTING WATER LINE                |                 |   |
|                 | EXISTING WOODS LINE                |                 |   |
|                 | EXISTING TREE                      |                 |   |

GENERAL NOTES:

1. A FIELD RUN TOPOGRAPHICAL AND BOUNDARY SURVEY WAS PERFORMED BY CENTURY ENGINEERING, INC. ON SEPTEMBER 27TH, 2018. THE BOUNDARY OF THE SURVEY IS DELINEATED ON THIS PLAN. NORTHINGS AND EASTINGS REFERENCE THE MARYLAND STATE PLANE COORDINATE SYSTEM (NAD 83).
2. ADDITIONAL SITE FEATURES OUTSIDE THE SURVEY BOUNDARY ARE BASED ON AERIAL PHOTOGRAPHY AND RECORD DRAWINGS PROVIDED BY GARRETT COMMUNITY COLLEGE. NO GUARANTEE IS MADE OR IMPLIED REGARDING THE ACCURACY OR COMPLETENESS THEREOF.
3. EXISTING UNDERGROUND UTILITIES DESIGNATED ON THE PLANS ARE BASED ON CURRENTLY AVAILABLE INFORMATION AND ARE SHOWN FOR REFERENCE ONLY. THE OWNER AND ENGINEER DISCLAIM ANY RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF SAID INFORMATION BEYOND THE DESIGNATION INDICATED. THE QUALITY LEVEL DESIGNATED IS IN ACCORDANCE WITH ASCE "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" (CI/ASCE 38-02). THE CONTRACTOR SHALL MAKE HIMSELF FAMILIAR WITH THOSE STANDARDS PRIOR TO ANY RELIANCE ON THE INFORMATION SHOWN ON THESE PLANS. PRIOR TO ANY EXCAVATION, IN THE ABSENCE OF QUALITY LEVEL A OR B DESIGNATION, THE CONTRACTOR SHALL VERIFY, TO HIS OWN SATISFACTION, THE EXISTENCE, DEPTH, SIZE, MATERIAL, AND LOCATION OF ALL UNDERGROUND UTILITIES, AND DETERMINE WHETHER THOSE UTILITIES ARE LIVE. ANY EARTHWORK IN LOCATIONS WHERE UTILITIES ARE POSSIBLE SHALL BE DONE WITH EXTREME CAUTION. THE GIVING OF INFORMATION ON THE PLANS WILL NOT RELIEVE THE CONTRACTOR OF HIS OBLIGATION TO SUPPORT AND PROTECT ALL DESIGNATED OR UNDESIGNATED EXISTING UTILITIES AND APPURTENANCES. SHOULD ANY EXISTING UTILITY BE DAMAGED BY THE CONTRACTOR, THE CONTRACTOR SHALL REPAIR THE DAMAGE CAUSED TO THE UTILITY OWNER'S SATISFACTION, AT THE CONTRACTOR'S EXPENSE.
4. LIVE UNDERGROUND ELECTRICAL UTILITIES MAY EXIST WITHIN THE WORK AREA. CONTRACTOR SHALL USE EXTREME CAUTION AND SHALL COMPLY WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.
5. INFORMATION SHOWN ON THIS DRAWING HAS BEEN PROVIDED AS A GUIDE TO ASSIST THE CONTRACTOR IN ESTABLISHING THE LOCATIONS OF PROPOSED CONSTRUCTION WITH RESPECT TO EXISTING SITE IMPROVEMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL CONSTRUCTION SURVEY STAKEOUT REQUIRED AND TO CONFIRM ALL INFORMATION SHOWN HEREON.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING TEMPORARY BENCHMARKS THROUGHOUT THE DURATION OF THE PROJECT FOR CONSTRUCTION LAYOUT PURPOSES.
7. UPON REMOVAL OF ALL TOPSOIL AND DELETERIOUS MATERIAL AND PRIOR TO ANY FILL PLACEMENT OR BUILDING CONSTRUCTION, THE UNDERLYING SOIL SUBGRADE MATERIALS SHOULD BE PROOF-ROLLED WITH APPROVED CONSTRUCTION EQUIPMENT. THE PROOF-ROLLING SHOULD BE CONDUCTED WITH A FULLY LOADED DUMP TRUCK WITH A MINIMUM AXLE WEIGHT OF 10 TONS.
8. PROPOSED PAVEMENT TO BE PLACED IMMEDIATELY AFTER ACCEPTABLE SUBGRADE CONDITIONS HAVE BEEN ACHIEVED DUE TO THE POTENTIAL FOR SUBGRADE SOFTENING FROM ADVERSE WEATHER CONDITIONS. HEAVY CONSTRUCTION TRAFFIC SHOULD AVOID TRAVELING ACROSS APPROVED FINAL SUBGRADE AREAS THAT HAVE BEEN EXPOSED TO PRECIPITATION IN ORDER TO HELP MAINTAIN A STABLE SUBGRADE PRIOR TO PAVEMENT CONSTRUCTION.
9. CONTRACTOR TO FURNISH ALL REQUIRED MATERIALS, APPURTENANCES, AND PROVISIONS FOR THE REMOVAL OF THE 2 HP GRINDER PUMP AND REPLACEMENT WITH A 5 HP GRINDER PUMP.

PROPOSED UTILITY PLAN



NOT FOR CONSTRUCTION

GARRETT COLLEGE CEPAC

887 MOSSER ROAD, INCHEMRY, MD 21641

ISSUED FOR BID AND PERMIT  
Issue Date: 11/15/2019  
Revisions  
1 ADDENDUM 01 12/11/2019

56-18107-00  
PROPOSED UTILITY PLAN

C500



| PROPOSED LEGEND |                                       | ESC LEGEND |   |
|-----------------|---------------------------------------|------------|---|
|                 | PROPOSED BUILDING                     |            | STABILIZED CONSTRUCTION ENTRANCE                  |
|                 | PROPOSED CONCRETE PAVEMENT            |            | TEMPORARY CONSTRUCTION ENTRANCE                   |
|                 | PROPOSED ASPHALT PAVEMENT             |            | TREE PROTECTION FENCE                             |
|                 | PROPOSED HEAVY-DUTY ASPHALT PAVEMENT  |            | SILT FENCE  |
|                 | PROPOSED ASPHALT MILL & OVERLAY       |            | SILT FENCE ON PAVEMENT                            |
|                 | PROPOSED PAVERS                       |            | AT-GRADE INLET PROTECT                            |
|                 | PROPOSED STORMWATER MANAGEMENT DEVICE |            | CURB INLET PROTECT                                |
|                 | PROPOSED GRAVEL / RIVER ROCK GUTTER   |            | TEMPORARY CONSTRUCTION FENCE (FOR REFERENCE ONLY) |
|                 | PROPOSED CONTOUR                      |            |   |
|                 | PROPOSED FENCE                        |            |   |
|                 | LIMIT OF DISTURBANCE                  |            |   |

**DESIGN CERTIFICATION**

I hereby certify that this plan has been designed in accordance with the 2011 Maryland Standards and Specifications for Soil Erosion and Sediment Control, the 2000 Maryland Stormwater Design Manual, Volumes I & II including supplements, the Environment Article Sections 4-101 through 116 and Sections 4-201 and 215, and the Code of Maryland Regulations (COMAR) 26.17.01 and COMAR 26.17.02 for erosion and sediment control and stormwater management, respectively.

Date \_\_\_\_\_ Designer's Signature \_\_\_\_\_  
 Md. Registration No. 14446 JUDITH A. CARROLL  
 (P.E.) R.L.S., R.L.A. or R.A. (circle one) Printed Name

**OWNER / DEVELOPER CERTIFICATION**

I / We hereby certify that all clearing, grading, construction, and/or development will be done pursuant to this plan and that any responsible personnel involved in the construction project will have a certificate of attendance at a Maryland Department of the Environment approved training program for the control of erosion and sediment before beginning the project. I/We hereby authorize the right of entry for periodic onsite evaluation by appropriate inspection and enforcement authority of the State of Maryland, Department of the Environment.

Date \_\_\_\_\_ Owner / Developer's Signature \_\_\_\_\_  
 CARD No. \_\_\_\_\_ Printed Name and Title \_\_\_\_\_

- EROSION AND SEDIMENT CONTROL GENERAL NOTES**
- THE WATER MANAGEMENT ADMINISTRATION REQUIRES THAT THESE NOTES, IN THEIR ENTIRETY, BE INCLUDED ON THE EROSION AND SEDIMENT CONTROL PLAN. IT IS RECOGNIZED THAT EVERY NOTE MAY NOT APPLY TO ALL PROJECTS. THE REQUIREMENT OF ANY INDIVIDUAL NOTE NOT APPLICABLE TO THE SUBJECT PROJECT IS NOT BINDING UPON THE APPLICANT OR THE APPLICANT'S CONTRACTOR.
- THE CONTRACTOR SHALL NOTIFY THE GARRETT CO. SOIL CONSERVATION DISTRICT AT (301) 334-6951 SEVEN (7) DAYS BEFORE COMMENCING ANY LAND DISTURBING ACTIVITY AND, UNLESS WAIVED BY THE GARRETT CO. SOIL CONSERVATION DISTRICT, SHALL BE REQUIRED TO HOLD A PRE-CONSTRUCTION MEETING BETWEEN PROJECT REPRESENTATIVES AND REPRESENTATIVES OF THE GARRETT CO. SOIL CONSERVATION DISTRICT.
  - THE CONTRACTOR SHALL NOTIFY THE GARRETT CO. SOIL CONSERVATION DISTRICT IN WRITING AND BY TELEPHONE AT THE FOLLOWING POINTS:
    - THE REQUIRED PRE-CONSTRUCTION MEETING.
    - FOLLOWING INSTALLATION OF SEDIMENT CONTROL MEASURES.
    - DURING THE INSTALLATION OF SEDIMENT BASINS (TO BE CONVERTED INTO PERMANENT STORMWATER MANAGEMENT STRUCTURES) AT THE REQUIRED INSPECTION POINTS (SEE INSPECTION CHECKLIST ON PLAN), NOTIFICATION PRIOR TO COMMENCING CONSTRUCTION OF EACH STEP IS MANDATORY.
    - PRIOR TO REMOVAL OR MODIFICATION OF ANY SEDIMENT CONTROL STRUCTURE(S).
    - PRIOR TO REMOVAL OF ALL SEDIMENT CONTROL DEVICES.
    - PRIOR TO FINAL ACCEPTANCE.
  - THE PLAN APPROVAL LETTER, APPROVED EROSION AND SEDIMENT CONTROL PLANS, DAILY LOG BOOKS, AND TEST REPORTS SHALL BE AVAILABLE AT THE SITE FOR INSPECTION BY DAILY AUTHORIZED OFFICIALS OF THE GARRETT CO. SOIL CONSERVATION DISTRICT AND THE AGENCY RESPONSIBLE FOR THE PROJECT.
  - THE CONTRACTOR SHALL CONSTRUCT ALL EROSION AND SEDIMENT CONTROL MEASURES PER THE APPROVED PLAN AND CONSTRUCTION SEQUENCE AND SHALL HAVE THEM INSPECTED AND APPROVED BY THE GARRETT CO. SOIL CONSERVATION DISTRICT INSPECTOR PRIOR TO BEGINNING ANY OTHER LAND DISTURBANCES. MINOR SEDIMENT CONTROL DEVICE LOCATION ADJUSTMENTS MAY BE MADE IN THE FIELD WITH THE APPROVAL OF THE GARRETT CO. SOIL CONSERVATION DISTRICT INSPECTOR. THE CONTRACTOR SHALL ENSURE THAT ALL RUNOFF FROM DISTURBED AREAS IS DIRECTED TO THE SEDIMENT CONTROL DEVICES AND SHALL NOT REMOVE ANY EROSION OR SEDIMENT CONTROL MEASURE WITHOUT PRIOR PERMISSION FROM THE GARRETT CO. SOIL CONSERVATION DISTRICT INSPECTOR. THE CONTRACTOR SHALL OBTAIN PRIOR AGENCY AND GARRETT CO. SOIL CONSERVATION DISTRICT APPROVAL FOR MODIFICATIONS TO THE EROSION AND SEDIMENT CONTROL PLAN AND/OR SEQUENCE OF CONSTRUCTION.
  - THE GARRETT CO. SOIL CONSERVATION DISTRICT INSPECTOR HAS THE OPTION OF REQUIRING ADDITIONAL SAFETY OR SEDIMENT CONTROL MEASURES, IF DEEMED NECESSARY.
  - THE CONTRACTOR SHALL PROTECT ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS TO PREVENT THE DEPOSITION OF MATERIALS ONTO PUBLIC ROADS. ALL MATERIALS DEPOSITED ONTO PUBLIC ROADS SHALL BE REMOVED IMMEDIATELY.
  - THE CONTRACTOR SHALL INSPECT DAILY AND MAINTAIN CONTINUOUSLY IN AN EFFECTIVE OPERATING CONDITION ALL EROSION AND SEDIMENT CONTROL MEASURES UNTIL SUCH TIME AS THEY ARE REMOVED WITH PRIOR PERMISSION FROM THE GARRETT CO. SOIL CONSERVATION DISTRICT INSPECTOR.
  - EROSION AND SEDIMENT CONTROL FOR UTILITY CONSTRUCTION SHALL BE PROVIDED IN ACCORDANCE WITH APPROVED PLANS. UTILITY CONSTRUCTION SHALL ONLY BE FOR AREAS WITHIN THE DELINEATED LIMIT OF DISTURBANCE. CALL "MISS UTILITY" AT 1-800-257-7777 48 HOURS PRIOR TO THE START OF WORK. WHEN SAME DAY STABILIZATION IS APPROVED:
    - EXCAVATED TRENCH MATERIAL SHALL BE PLACED ON THE HIGH SIDE OF THE TRENCH.
    - TRENCHES FOR UTILITY INSTALLATION SHALL BE BACKFILLED, COMPACTED, AND STABILIZED AT THE END OF EACH WORKING DAY. NO MORE TRENCH SHALL BE OPENED THAN CAN BE COVERED THE SAME DAY.
  - ALL WATER REMOVED FROM EXCAVATED AREAS SHALL BE PASSED THROUGH A GARRETT CO. SOIL CONSERVATION DISTRICT APPROVED DEMATERING PRACTICE OR PUMPED TO A SEDIMENT TRAP OR BASIN PRIOR TO DISCHARGE TO A FUNCTIONAL STORM DRAIN SYSTEM OR TO STABLE GROUND SURFACE.
  - CONCRETE WASHOUT STRUCTURES SHALL BE USED WHEN CONCRETE TRUCKS, DRUMS, PUMPS, CHUTES, OR OTHER EQUIPMENT IS RINSED OR CLEANED ON-SITE.
  - CONSTRUCTION ACTIVITIES PRODUCING DUST SHALL IMPLEMENT CONTROL MEASURES TO AVOID THE SUSPENSION OF DUST PARTICLES AND/OR PREVENT DUST FROM BLOWING OFF-SITE OR TO AREAS WITHOUT TREATMENT.
  - FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN:
    - THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND
    - SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.
  - VEGETATIVE STABILIZATION SHALL BE PERFORMED IN ACCORDANCE WITH THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. MULCHING, SOILING, AND GROUND COVERING SHALL BE USED WHERE APPROPRIATE SPECIFICATIONS OR LOCAL ORDINANCES DO NOT SPECIFY FENCING, SEEDS AND TYPES. THE FOLLOWING SHALL BE USED AS A MINIMUM STANDARD: THE SAFETY FENCE SHALL BE MADE OF WELDED WIRE AND AT LEAST 42 INCHES HIGH, HAVE POSTS SPACED NO FARTHER APART THAN 8 FEET, HAVE MESH OPENINGS NO GREATER THAN 2 INCHES IN WIDTH AND 4 INCHES IN HEIGHT WITH A MINIMUM OF 14 GAUGE WIRE. SAFETY FENCE SHALL BE MAINTAINED AND IN GOOD CONDITION AT ALL TIMES.
  - PERMANENT SWALES OR OTHER POINTS OF CONCENTRATED WATER FLOW SHALL BE STABILIZED WITH SEED AND AN APPROVED EROSION CONTROL MATTING, SOD, RIP-RAP, OR OTHER APPROVED STABILIZATION MEASURES.
  - FOR STOCKPILE SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1), THE CONTRACTOR SHALL APPLY SEED AND ANCHORED STRAW MULCH, SOD, OR OTHER APPROVED STABILIZATION MEASURES TO THE FACE OF THE STOCKPILE WITHIN THREE (3) CALENDAR DAYS OF ACTIVITY HAVING CEASED ON THE RESPECTIVE FACE. FOR SLOPES 3:1 OR FLATTER, THE CONTRACTOR SHALL APPLY STABILIZATION MEASURES TO THE FACE OF THE STOCKPILE WITHIN SEVEN (7) CALENDAR DAYS OF ACTIVITY HAVING CEASED ON THE RESPECTIVE FACE. MAINTENANCE SHALL BE PERFORMED AS NECESSARY TO ENSURE CONTINUED STABILIZATION.
  - FOR FINISHED GRADING, THE CONTRACTOR SHALL PROVIDE ADEQUATE GRADIENTS TO PREVENT WATER FROM PONDING FOR MORE THAN TWENTY-FOUR (24) HOURS AFTER THE END OF A RAINFALL EVENT. DRAINAGE COURSES AND SWALE FLOW AREAS MAY TAKE AS LONG AS FORTY-EIGHT (48) HOURS AFTER THE END OF A RAINFALL EVENT TO DRAIN. AREAS DESIGNED TO HAVE STANDING WATER SHALL NOT BE REQUIRED TO MEET THIS REQUIREMENT.
  - WHERE DEEMED APPROPRIATE BY THE ENGINEER OR INSPECTOR, SEDIMENT BASINS AND TRAPS MAY NEED TO BE SURROUNDED WITH AN APPROVED SAFETY FENCE. THE FENCE MUST CONFORM TO LOCAL ORDINANCES AND REGULATIONS. THE DEVELOPER OR OWNER SHALL CHECK WITH LOCAL BUILDING OFFICIALS ON APPLICABLE SAFETY REQUIREMENTS. WHERE SAFETY FENCING IS DEEMED APPROPRIATE AND LOCAL ORDINANCES DO NOT SPECIFY FENCING SIZES AND TYPES, THE FOLLOWING SHALL BE USED AS A MINIMUM STANDARD: THE SAFETY FENCE SHALL BE MADE OF WELDED WIRE AND AT LEAST 42 INCHES HIGH, HAVE POSTS SPACED NO FARTHER APART THAN 8 FEET, HAVE MESH OPENINGS NO GREATER THAN 2 INCHES IN WIDTH AND 4 INCHES IN HEIGHT WITH A MINIMUM OF 14 GAUGE WIRE. SAFETY FENCE SHALL BE MAINTAINED AND IN GOOD CONDITION AT ALL TIMES.
  - ALL SEDIMENT TRAP DEPTH DIMENSIONS ARE RELATIVE TO THE OUTLET ELEVATION. ALL TRAPS SHALL HAVE A STABLE OUTFALL. ALL TRAPS AND BASINS SHALL HAVE STABLE INFLOW POINTS.
  - SEDIMENT SHALL BE REMOVED AND THE TRAP OR BASIN RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE QUARTER OF THE TOTAL DEPTH OF THE TRAP OR BASIN. TOTAL DEPTH SHALL BE MEASURED FROM THE TRAP OR BASIN BOTTOM TO THE CREST OF THE OUTLET.
  - SEDIMENT REMOVED FROM TRAPS (AND BASINS) SHALL BE PLACED AND STABILIZED IN APPROVED AREAS, BUT NOT WITHIN A FLOODPLAIN, WETLAND OR TREE-SAVE AREA. WHEN PUMPING SEDIMENT LOADED WATER, THE DISCHARGE SHALL BE DIRECTED TO THE GARRETT CO. SOIL CONSERVATION DISTRICT APPROVED SEDIMENT TRAPPING DEVICE PRIOR TO RELEASE FROM THE SITE. A SUMP PIT MAY BE USED IF SEDIMENT TRAPS THEMSELVES ARE BEING PUMPED OUT.
  - PRIOR TO REMOVAL OF SEDIMENT CONTROL MEASURES, THE CONTRACTOR SHALL STABILIZE AND HAVE ESTABLISHED PERMANENT STABILIZATION FOR ALL CONTRIBUTORY DISTURBED AREAS USING SOD OR AN APPROVED PERMANENT SEED MIXTURE WITH REQUIRED SOIL AMENDMENTS AND AN APPROVED ANCHORED MULCH. WOOD FIBER MULCH MAY ONLY BE USED IN SEEDING SEASON WHERE THE SLOPE DOES NOT EXCEED 10% AND GRADING HAS BEEN DONE TO PROMOTE SHEET FLOW DRAINAGE AREAS BROUGHT TO FINISHED GRADE DURING THE SEEDING SEASON SHALL BE PERMANENTLY STABILIZED AS SOON AS POSSIBLE, BUT NOT LATER THAN THREE (3) CALENDAR DAYS AFTER ESTABLISHMENT FOR SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) AND SEVEN (7) CALENDAR DAYS FOR FLATTER SLOPES. PERMANENT STABILIZATION IS FOUND TO BE IMPRACTICAL, TEMPORARY SEED AND ANCHORED STRAW MULCH SHALL BE APPLIED TO DISTURBED AREAS. THE FINAL PERMANENT STABILIZATION OF SUCH PROPERTY SHALL BE APPLIED BY MARCH 15 OR EARLIER IF GROUND AND WEATHER CONDITIONS ALLOW.
  - TEMPORARY STABILIZATION MEASURES SHALL BE REMOVED WITH PERMISSION OF THE GARRETT CO. SOIL CONSERVATION DISTRICT INSPECTOR WITHIN THIRTY (30) CALENDAR DAYS FOLLOWING THE ESTABLISHMENT OF PERMANENT STABILIZATION IN ALL CONTRIBUTORY DRAINAGE AREAS. UPON REMOVAL OF SEDIMENT CONTROL DEVICES, THE AREA DISTURBED BY REMOVAL SHALL BE STABILIZED WITH TOPSOIL, SEED, AND MULCH, OR AS SPECIFIED, WITHIN 24 HOURS OF SAID REMOVAL. STORMWATER MANAGEMENT STRUCTURES USED TEMPORARILY FOR SEDIMENT CONTROL SHALL BE CONVERTED TO THE PERMANENT CONFIGURATION WITHIN THIS TIME PERIOD AS WELL.
  - OFF-SITE SPOIL OR BORROW AREAS ON STATE OR FEDERAL PROPERTY SHALL HAVE PRIOR APPROVAL BY GARRETT CO. SOIL CONSERVATION DISTRICT AND OTHER APPLICABLE STATE, FEDERAL, AND LOCAL AGENCIES; OTHERWISE APPROVAL SHALL BE GRANTED BY THE LOCAL AUTHORITIES. ALL WASTE AND BORROW AREAS OFF-SITE SHALL BE PROTECTED BY SEDIMENT CONTROL MEASURES AND STABILIZED.
  - SEE SHEET C621 FOR CUT/FILL VOLUMES AND SITE INFORMATION.

**EROSION & SEDIMENT CONTROL PLAN**

**SAME-DAY STABILIZATION NOTE:**  
 FOR ALL TRENCHING ASSOCIATED WITH THE INSTALLATION OF THE PROPOSED WATER AND ELECTRIC LINES, ONLY THAT SECTION OF TRENCH SHALL BE OPENED THAT CAN BE BACKFILLED AND STABILIZED IN ONE DAY. ALL SPOILS MUST BE STABILIZED AT THE END OF DAY USING EROSION AND SEDIMENT CONTROL MEASURES.

**STANDARD STABILIZATION NOTE:**  
 \*STABILIZATION PRACTICES ON ALL PROJECTS MUST BE IN COMPLIANCE WITH THE REQUIREMENTS OF COMAR 26.17.01.08 G REGULATIONS.

FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION MUST BE COMPLETED WITHIN:  
 A.) THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND  
 B.) SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.

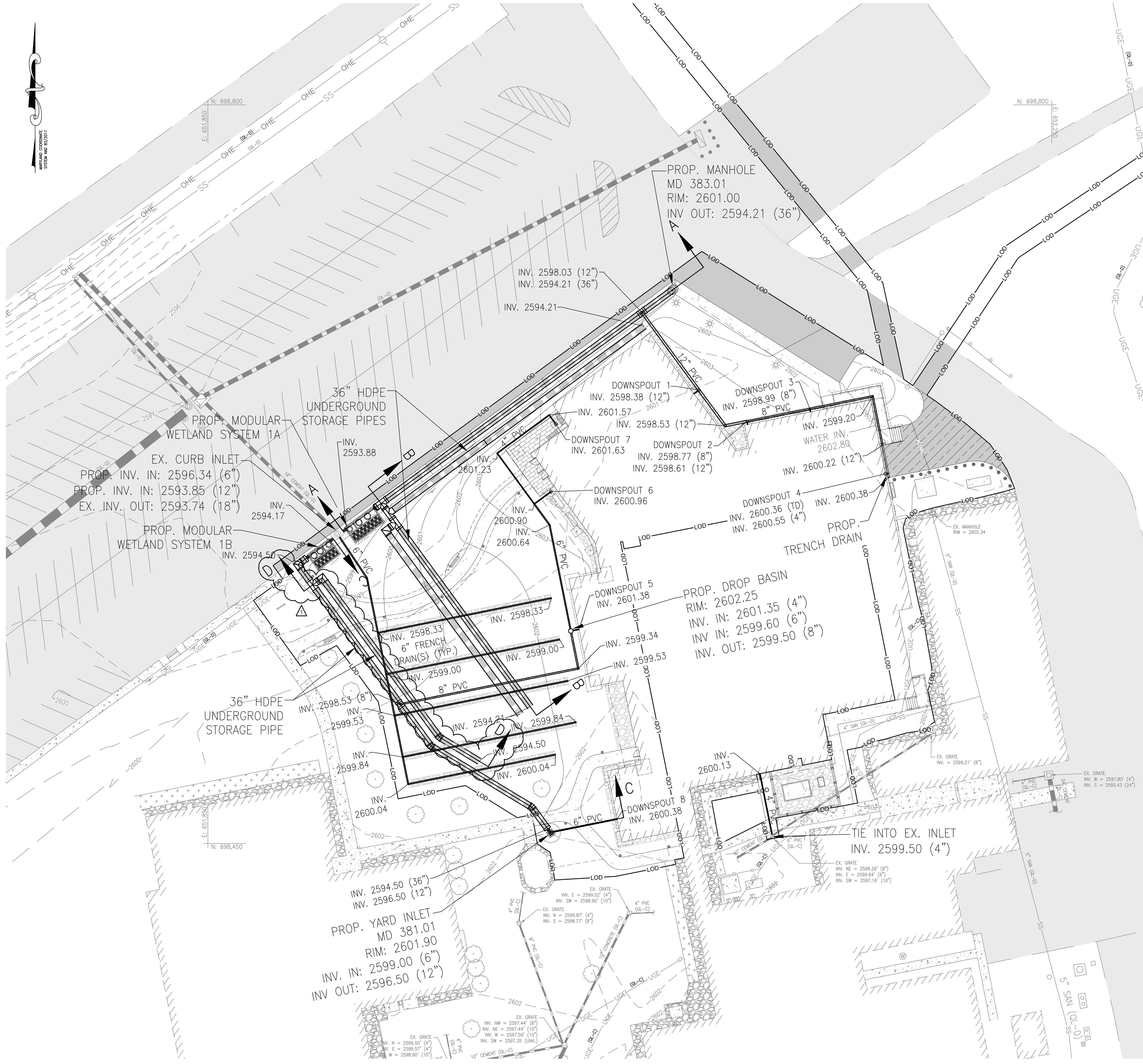
**NOTE TO CONTRACTOR:**  
 "EROSION AND SEDIMENT CONTROL SHALL BE STRICTLY ENFORCED."

**GENERAL NOTES:**

- CONTRACTOR SHALL PROTECT ALL AREAS ADJACENT TO THE DESIGNATED LIMITS OF DISTURBANCE AND SHALL RESTORE ANY AND ALL AREAS DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL OR BETTER CONDITION.
- NO DISTURBED AREA SHALL BE LEFT UNSTABILIZED OVERNIGHT UNLESS RUNOFF IS DIRECTED TO AN MDE APPROVED SEDIMENT CONTROL DEVICE.
- INFORMATION SHOWN ON THIS DRAWING HAS BEEN PROVIDED AS A GUIDE TO ASSIST THE CONTRACTOR IN ESTABLISHING THE LOCATIONS OF PROPOSED CONSTRUCTION WITH RESPECT TO EXISTING SITE IMPROVEMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL CONSTRUCTION SURVEY LAYOUT REQUIRED AND TO CONFIRM ALL INFORMATION SHOWN HEREON.
- A FIELD RUN TOPOGRAPHICAL AND BOUNDARY SURVEY WAS PERFORMED BY CENTURY ENGINEERING, INC. ON SEPTEMBER 27TH, 2018. NORTHINGS AND EASTINGS REFERENCE THE MARYLAND STATE PLANE COORDINATE SYSTEM (NAD 83). NO BOUNDARY SURVEY WAS PERFORMED.
- UNDERGROUND UTILITIES ARE SHOWN ON THIS DRAWING FOR THE CONVENIENCE OF THE USER OF THE DRAWING AND THERE IS NO WARRANTY OR GUARANTEE AS TO THE CORRECTNESS OR COMPLETENESS OF THE INFORMATION GIVEN.
- CONTRACTOR SHALL CONTACT THE DEPARTMENT OF GENERAL SERVICES MANAGER 72 HOURS PRIOR TO COMMENCING ANY WORK.
- CONTRACTOR SHALL NOT STOCKPILE OUTSIDE LIMIT OF DISTURBANCE. A STOCKPILE AREA HAS BEEN SHOWN. CONTRACTOR SHALL COORDINATE WITH GARRETT COLLEGE.
- SEDIMENT CONTROL DETAILS AND NOTES ARE SHOWN ON C610.
- SEE SHEET C621 FOR SEQUENCE OF CONSTRUCTION.
- TRENCH WORK SHALL COMPLY WITH THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION EXCAVATION SAFETY STANDARDS.

**MAINTENANCE OF SEDIMENT CONTROL**  
 CONTRACTOR SHALL, WITHOUT EXTRA COST TO THE PROJECT, REPAIR AND MAINTAIN EXISTING SEDIMENT CONTROL DEVICES UNTIL ALL AREAS WITHIN LIMITS OF CONSTRUCTION ARE STABILIZED. ALL SEDIMENT CONTROL MEASURES REFERRED TO ON THESE PLANS SHALL BE IN ACCORDANCE WITH THE PUBLICATION ENTITLED "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL".

**GRAPHIC SCALE**  
 1" = 20'



**PROPOSED LEGEND**

|  |                                       |
|--|---------------------------------------|
|  | PROPOSED BUILDING                     |
|  | PROPOSED CONCRETE PAVEMENT            |
|  | PROPOSED ASPHALT PAVEMENT             |
|  | PROPOSED HEAVY-DUTY ASPHALT PAVEMENT  |
|  | PROPOSED ASPHALT MILL & OVERLAY       |
|  | PROPOSED PAVERS                       |
|  | PROPOSED STORMWATER MANAGEMENT DEVICE |
|  | PROPOSED GRAVEL / RIVER ROCK GUTTER   |
|  | PROPOSED FENCE                        |
|  | PROPOSED LIGHTED BOLLARD              |
|  | PROPOSED STORMDRAIN                   |
|  | PROPOSED DOWNSPOUT                    |

**DESIGN CERTIFICATION**

I hereby certify that this plan has been designed in accordance with the 2011 Maryland Standards and Specifications for Soil Erosion and Sediment Control, the 2000 Maryland Stormwater Design Manual, Volumes I & II including supplements, the Environment Article Sections 4-101 through 116 and Sections 4-201 and 215, and the Code of Maryland Regulations (COMAR) 26.17.01 and COMAR 26.17.02 for erosion and sediment control and stormwater management, respectively.

Date \_\_\_\_\_ Designer's Signature \_\_\_\_\_

Md. Registration No. 14446 JUDITH A. CARROLL  
(P.E., R.L.S., R.L.A. or R.A. (circle one)) Printed Name

**OWNER / DEVELOPER CERTIFICATION**

I / We hereby certify that all clearing, grading, construction, and/or development will be done pursuant to this plan and that any responsible personnel involved in the construction project will have a certificate of attendance at a Maryland Department of the Environment approved training program for the control of erosion and sediment before beginning the project. I/We hereby authorize the right of entry for periodic onsite evaluation by appropriate inspection and enforcement authority or the State of Maryland, Department of the Environment.

Date \_\_\_\_\_ Owner / Developer's Signature \_\_\_\_\_

CARD No. \_\_\_\_\_ Printed Name and Title \_\_\_\_\_

**MAINTENANCE & LIABILITY**

Maintenance of the stormwater management facilities and appurtenant drainage structures shall be the responsibility of the property owner. The property owner shall also be fully liable for all damages or injuries that may be sustained by any person or property as a result of any failure or malfunction of the stormwater management facilities and appurtenances.

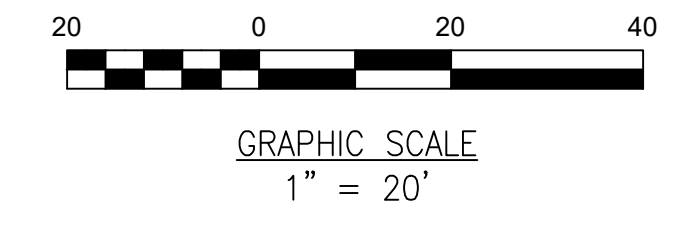
Owner / Developer \_\_\_\_\_ Address \_\_\_\_\_ Phone Number \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

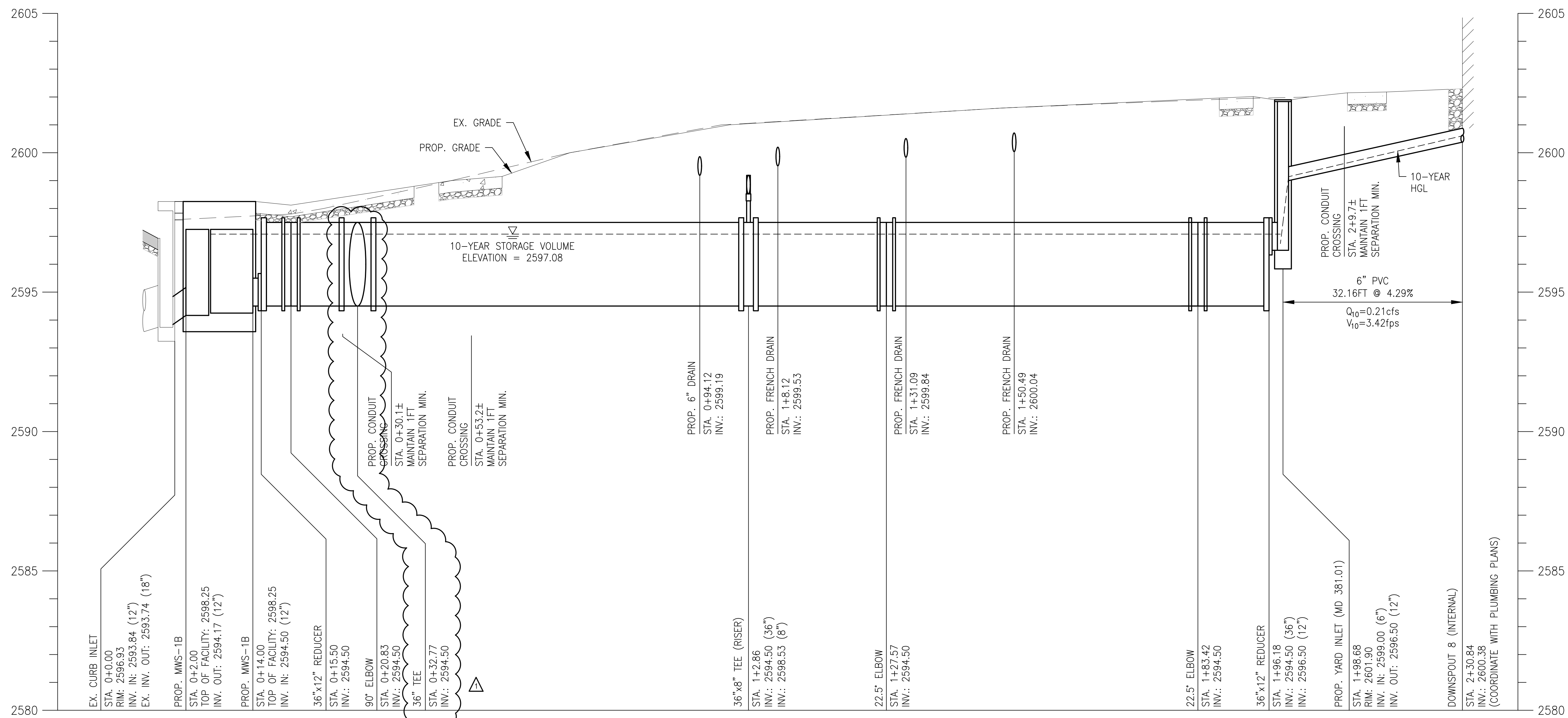
**STORMWATER MANAGEMENT AS-BUILT NOTE:**

- THE CONTRACTOR SHALL SUPPLY ALL OF THE FOLLOWING INFORMATION DURING AND AFTER THE CONSTRUCTION OF THE SWM SYSTEMS. ALL REQUIRED DOCUMENTS SHALL BE SUBMITTED WITHIN NINETY (90) DAYS OF THE DAY OF SUBSTANTIAL COMPLETION AS ACCEPTED BY THE OWNER.
- AS-BUILT TOPOGRAPHIC SURVEY BASED ON THE SAME DATUM USED IN THE DESIGN. THE AS-BUILT SURVEY SHALL SHOW THE FOLLOWING:
    - INVERT AND/OR RIM ELEVATIONS OF ALL PIPES, FITTINGS, AND INLETS/OUTLET
    - SURFACE ELEVATIONS AND SPOT GRADES OF THE COMPLETED FACILITIES IN LOCATIONS TO MATCH THE APPROVED SWM PLANS AND DETAILS.
  - MATERIAL TICKETS FOR ALL MATERIALS USED IN CONSTRUCTION OF THE FACILITIES.
    - THE INSIDE OF EACH FACILITY (PRETREATMENT CHAMBER, MEDIA, ETC.)
    - PIPES AND FITTINGS IN PLACE AFTER TRENCHING, PRIOR TO BACKFILLING.
    - THE COMPLETED FACILITIES AND SLOT DRAIN SURFACES.
  - COMPLETED AS-BUILT TABLES WITH THE INSPECTORS INITIALS IN ORIGINAL HANDWRITING.

**STORMWATER MANAGEMENT PLAN**



**NOT FOR CONSTRUCTION**



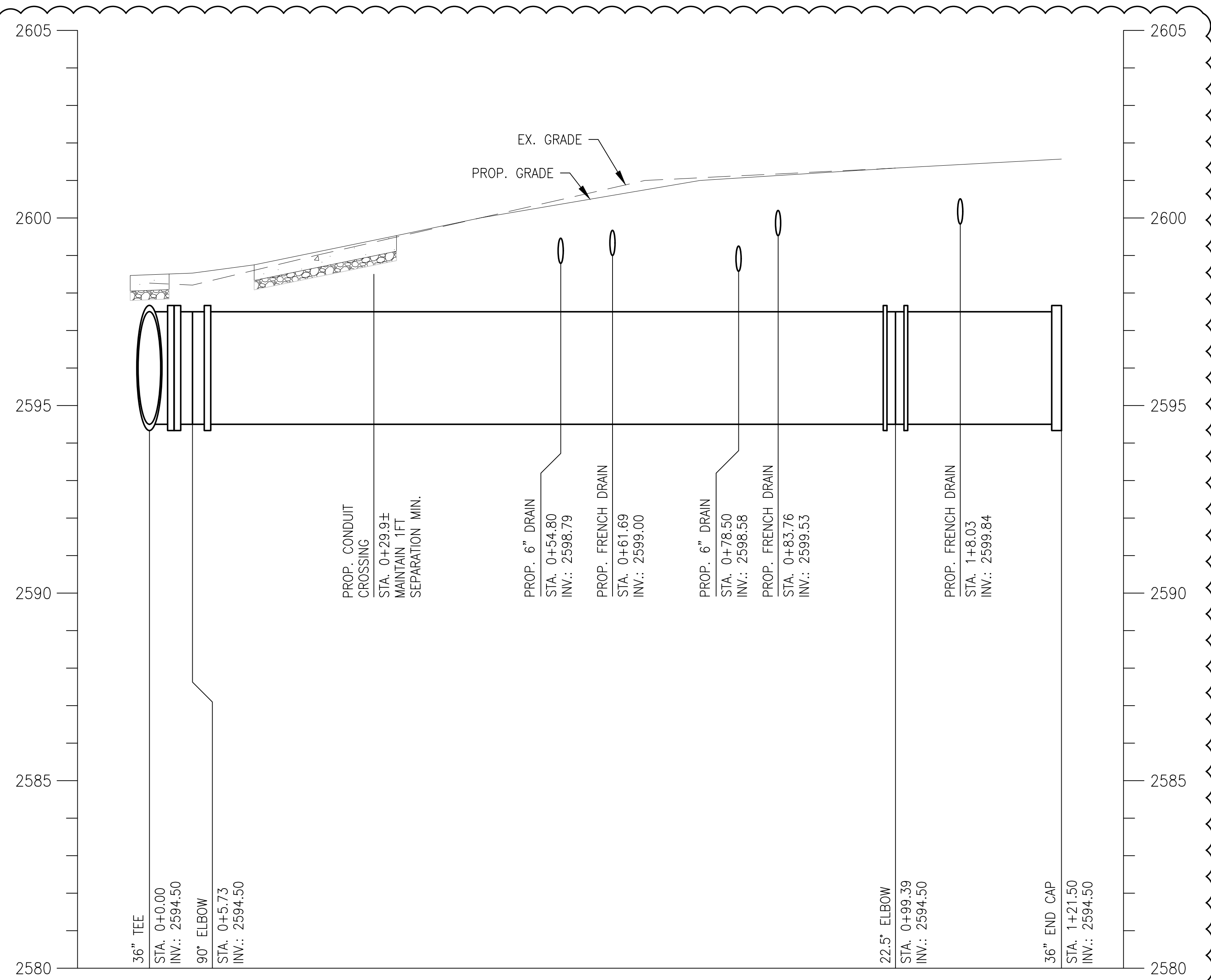
MODULAR WETLAND SYSTEM 1B - SECTION C-C

SCALE: HORZ. 1" = 10'  
VER. 1" = 2'

DESIGN/AS-BUILT DATA: MODULAR WETLAND SYSTEM

| FEATURE                                  | DESIGN   | AS-BUILT |
|--|----------|----------|
| FACILITY DIMENSIONS (MWS-L-8-12-V)       | 13'x9'   |          |
| FILTER MEDIA TOTAL SURFACE AREA (SF)     | 150.96   |          |
| FACILITY SURFACE ELEVATION               | 2598.25  |          |
| FACILITY BOTTOM ELEVATION                | 2593.58  |          |
| PRE-TREATMENT PIPE SIZE/MATERIAL         | 36" HDPE |          |
| PRE-TREATMENT PIPE UPSTREAM INVERT       | 2594.50  |          |
| PRE-TREATMENT PIPE DOWNSTREAM INVERT     | 2594.50  |          |
| PRE-TREATMENT PIPE LENGTH (LF)           | 301.00   |          |
| INLET PIPE SIZE/MATERIAL                 | 12" HDPE |          |
| INLET PIPE INVERT                        | 2594.50  |          |
| PRE-TREATMENT CHAMBER SLAB ELEVATION     | 2594.25  |          |
| OUTLET CHAMBER SLAB ELEVATION            | 2594.17  |          |
| OUTLET PIPE SIZE/MATERIAL                | 12" HDPE |          |
| OUTLET PIPE INVERT                       | 2594.17  |          |
| INTERNAL WEIR ELEVATION (TOP)            | 2597.17  |          |
| INTERNAL WEIR WIDTH                      | 3'-0"    |          |
| DATE AS-BUILT ACCEPTED BY GARRETT COUNTY |          |          |
| COUNTY SIGNATURE                         |          |          |

- STORMWATER MANAGEMENT AS-BUILT NOTE:
- THE CONTRACTOR SHALL SUPPLY ALL OF THE FOLLOWING INFORMATION DURING AND AFTER THE CONSTRUCTION OF THE SWM SYSTEMS. ALL REQUIRED DOCUMENTS SHALL BE SUBMITTED WITHIN NINETY (90) DAYS OF THE DAY OF SUBSTANTIAL COMPLETION AS ACCEPTED BY THE OWNER:
- AS-BUILT TOPOGRAPHIC SURVEY BASED ON THE SAME DATUM USED IN THE DESIGN. THE AS-BUILT SURVEY SHALL SHOW THE FOLLOWING:
    - INVERT AND/OR RIM ELEVATIONS OF ALL PIPES, FITTINGS, AND INLETS/OUTLET
    - SURFACE ELEVATIONS AND SPOT GRADES OF THE COMPLETED FACILITIES IN LOCATIONS TO MATCH THE APPROVED SWM PLANS AND DETAILS.
  - MATERIAL TICKETS FOR ALL MATERIALS USED IN CONSTRUCTION OF THE FACILITIES.
  - PHOTOGRAPHS OF CRITICAL INSPECTIONS INCLUDING, BUT NOT LIMITED TO:
    - THE INSIDE OF EACH FACILITY (PRE-TREATMENT CHAMBER, MEDIA, ETC.)
    - PIPES AND FITTINGS IN PLACE AFTER TRENCHING, PRIOR TO BACKFILLING.
    - THE COMPLETED FACILITIES AND SLOT DRAIN SURFACES.
  - COMPLETED AS-BUILT TABLES WITH THE INSPECTORS INITIALS IN ORIGINAL HANDWRITING.



MODULAR WETLAND SYSTEM 1B - SECTION D-D

SCALE: HORZ. 1" = 10'  
VER. 1" = 2'

SITE SPECIFIC DATA

|  |                       |               |            |
|--|-----------------------|---------------|------------|
| PROJECT NUMBER                             |                       |               |            |
| ORDER NUMBER                               |                       |               |            |
| PROJECT NAME                               | GARRETT COLLEGE CEPAC |               |            |
| PROJECT LOCATION                           | MCHENRY, MARYLAND     |               |            |
| STRUCTURE ID                               | MWS-1B                |               |            |
| TREATMENT REQUIRED                         |                       |               |            |
| VOLUME BASED (CF)                          | 1251 CF               |               |            |
| FLOW BASED (CFS)                           |                       |               |            |
| TREATMENT HGL AVAILABLE (FT)               | 2596.74               |               |            |
| PEAK BYPASS REQUIRED (CFS) - IF APPLICABLE | N/A                   |               |            |
| PIPE DATA                                  |                       |               |            |
| I.E.                                       | MATERIAL              | DIAMETER      |            |
| INLET PIPE 1                               | 2594.50               | HDPE          | 12"        |
| INLET PIPE 2                               |                       |               |            |
| OUTLET PIPE                                | 2594.17               | HDPE          | 12"        |
|  | PRE-TREATMENT         | BIOFILTRATION | DISCHARGE  |
| RIM ELEVATION                              | 2598.25               | 2598.25       | 2598.25    |
| SURFACE LOAD                               | PEDESTRIAN            | OPEN PLANTER  | PEDESTRIAN |
| FRAME & COVER                              | 2EA #30"              | N/A           | #24"       |
| WETLANDMEDIA VOLUME (CY)                   |                       |               | TBD        |
| ORIFICE SIZE (DIA. INCHES)                 |                       |               | TBD        |

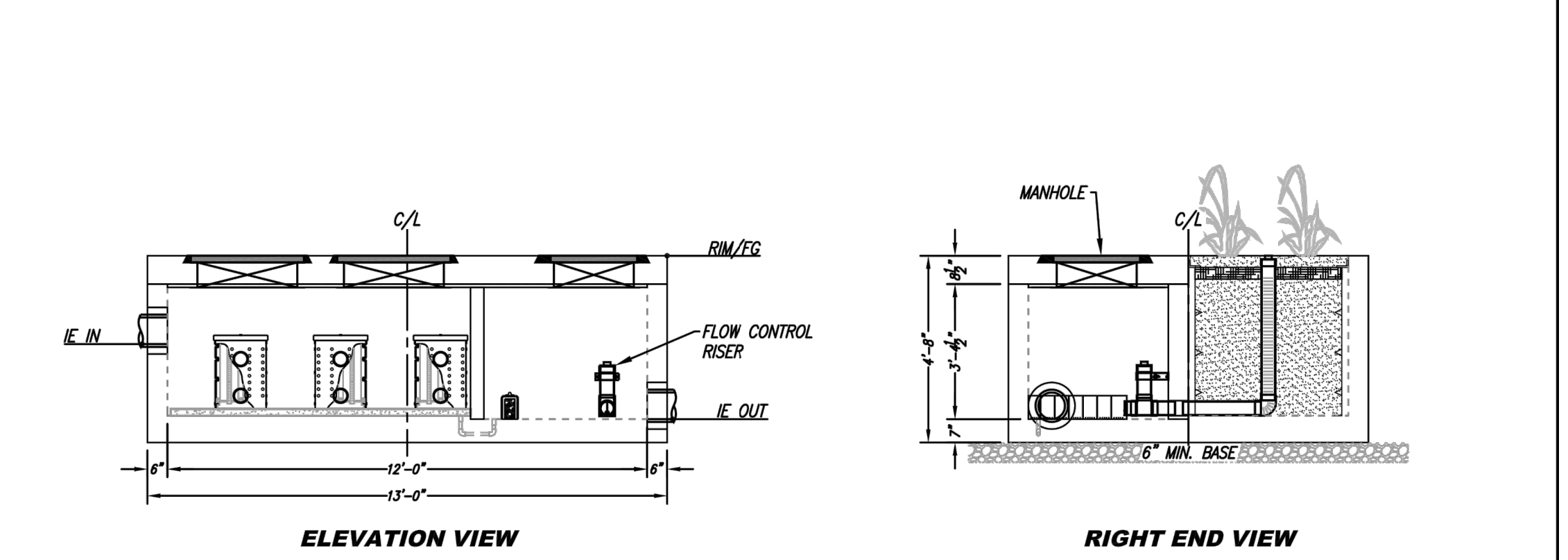
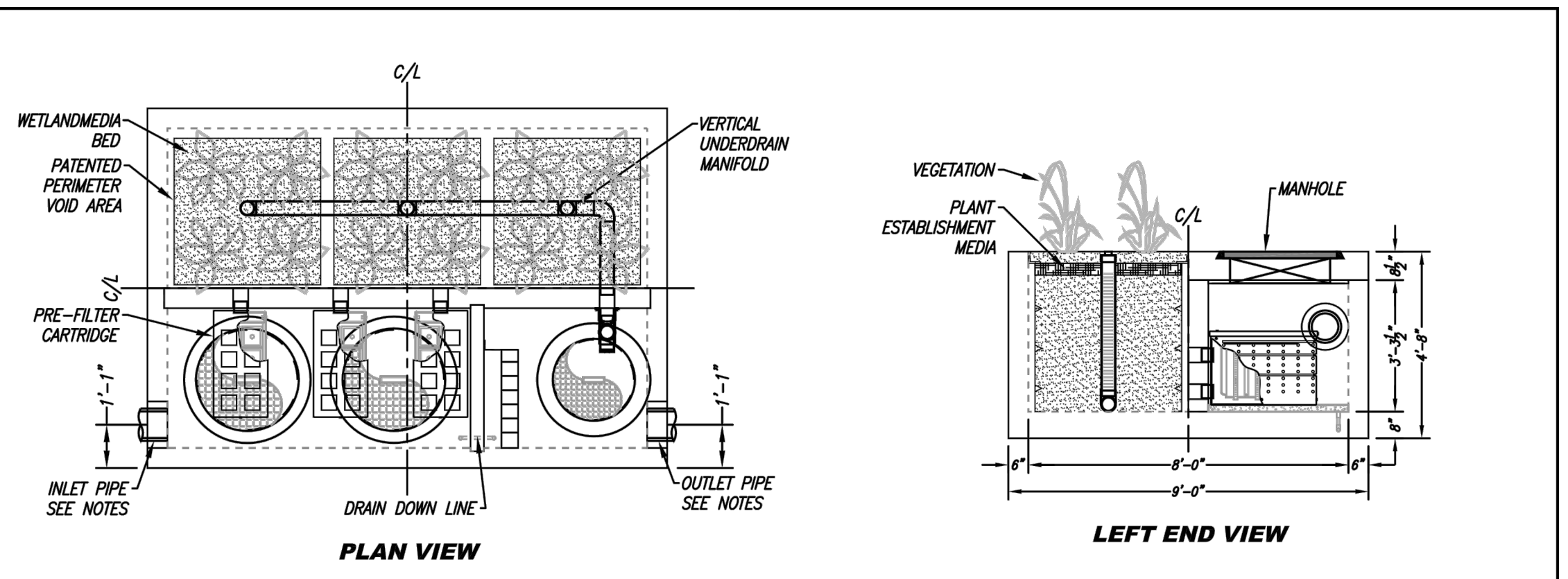
NOTES: PRELIMINARY NOT FOR CONSTRUCTION.

INSTALLATION NOTES

- CONTRACTOR TO PROVIDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS REQUIRED TO OFFLOAD AND INSTALL THE SYSTEM AND APPURTENANCES IN ACCORDANCE WITH THIS DRAWING AND THE MANUFACTURERS SPECIFICATIONS, UNLESS OTHERWISE STATED IN MANUFACTURERS CONTRACT.
- UNIT MUST BE INSTALLED ON LEVEL BASE. MANUFACTURER RECOMMENDS A MINIMUM 6" LEVEL ROOF BASE UNLESS SPECIFIED BY THE PROJECT ENGINEER. CONTRACTOR IS RESPONSIBLE TO VERIFY PROJECT ENGINEERS RECOMMENDED BASE SPECIFICATIONS.
- CONTRACTOR TO SUPPLY AND INSTALL ALL EXTERNAL CONNECTING PIPES. ALL PIPES MUST BE FLUSH WITH INSIDE SURFACE OF CONCRETE. (PIPES CANNOT INTRUDE BEYOND FLUSH). INVERT OF OUTFLOW PIPE MUST BE FLUSH WITH DISCHARGE CHAMBER FLOOR. ALL PIPES SHALL BE SEALED WATER TIGHT PER MANUFACTURERS STANDARD CONNECTION DETAIL.
- CONTRACTOR RESPONSIBLE FOR INSTALLATION OF ALL RISERS, MANHOLES, AND HATCHES. CONTRACTOR TO GROUT ALL MANHOLES AND HATCHES TO MATCH FINISHED SURFACE UNLESS SPECIFIED OTHERWISE.
- VEGETATION SUPPLIED AND INSTALLED BY OTHERS. ALL UNITS WITH VEGETATION MUST HAVE DRIP OR SPRAY IRRIGATION SUPPLIED AND INSTALLED BY OTHERS.
- CONTRACTOR RESPONSIBLE FOR CONTACTING BIO CLEAN FOR ACTIVATION OF UNIT. MANUFACTURERS WARRANTY IS VOID WITH OUT PROPER ACTIVATION BY A BIO CLEAN REPRESENTATIVE.

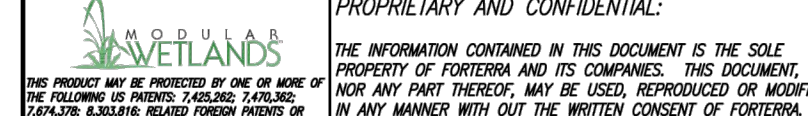
GENERAL NOTES

- MANUFACTURER TO PROVIDE ALL MATERIALS UNLESS OTHERWISE NOTED.
- ALL DIMENSIONS, ELEVATIONS, SPECIFICATIONS AND CAPACITIES ARE SUBJECT TO CHANGE. FOR PROJECT SPECIFIC DRAWINGS DETAILING EXACT DIMENSIONS, WEIGHTS AND ACCESSORIES PLEASE CONTACT BIO CLEAN.



|                                     |       |
|-------------------------------------|-------|
| TREATMENT FLOW (CFS)                | 0.346 |
| OPERATING HEAD (FT)                 | 3.4   |
| PRE-TREATMENT LOADING RATE (GPM/SF) | 2.0   |
| WETLAND MEDIA LOADING RATE (GPM/SF) | 1.0   |

MWS-L-8-12-V  
STORMWATER BIOFILTRATION SYSTEM  
STANDARD DETAIL

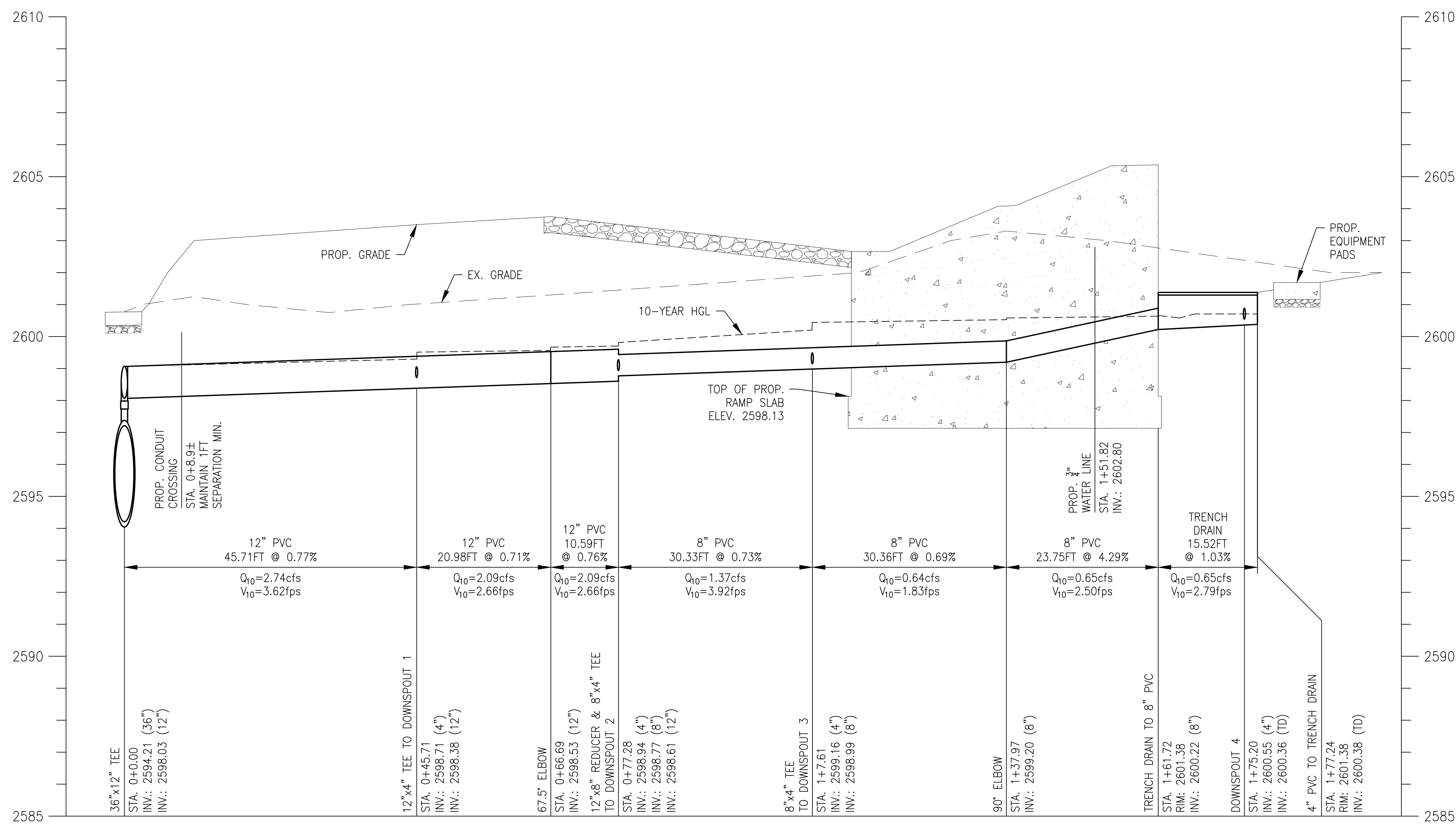


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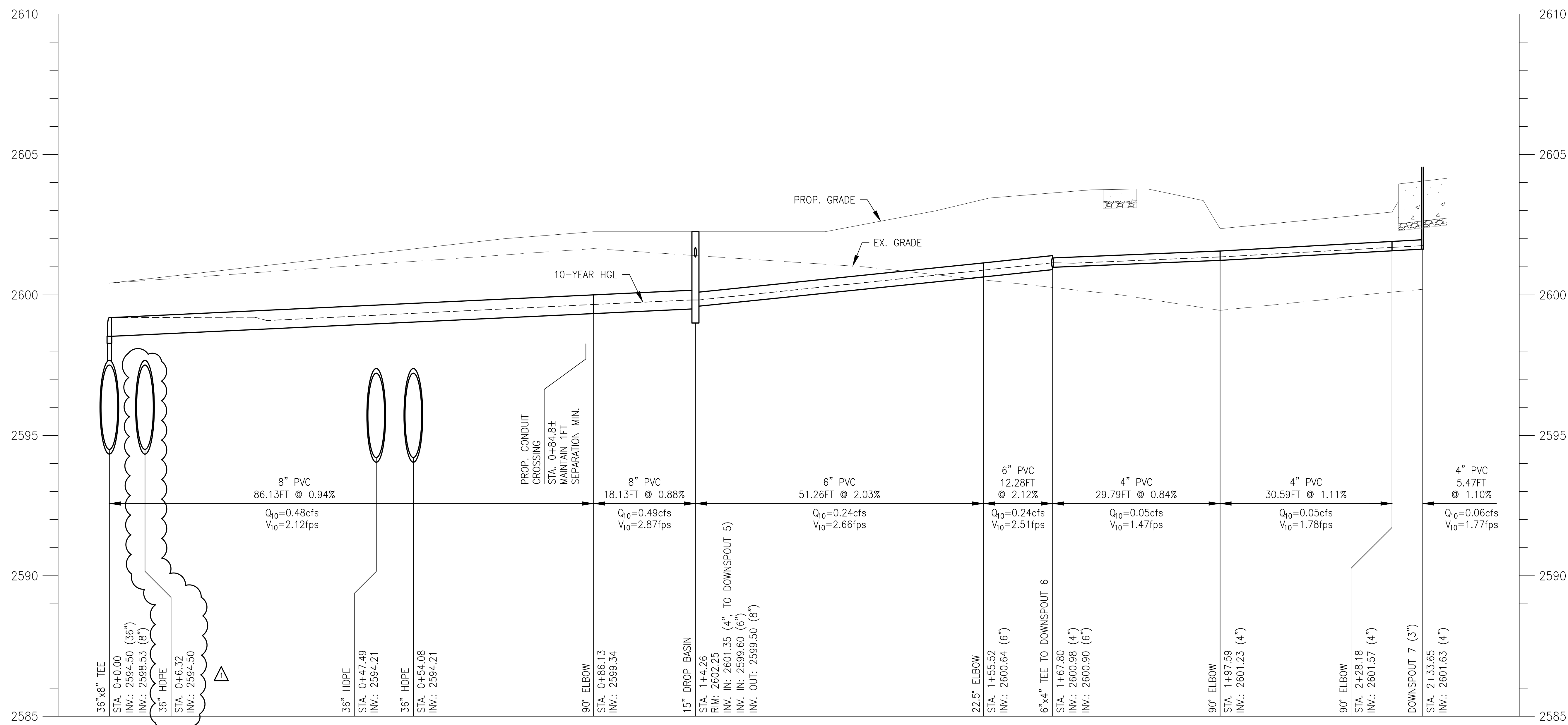
SCD # \_\_\_\_\_

NOT FOR CONSTRUCTION



STORMDRAIN PROFILE – MWS-1A STORAGE PIPE TO DOWNSPOUT 4

SCALE: HORIZ. 1" = 10'  
VER. 1' = 2'



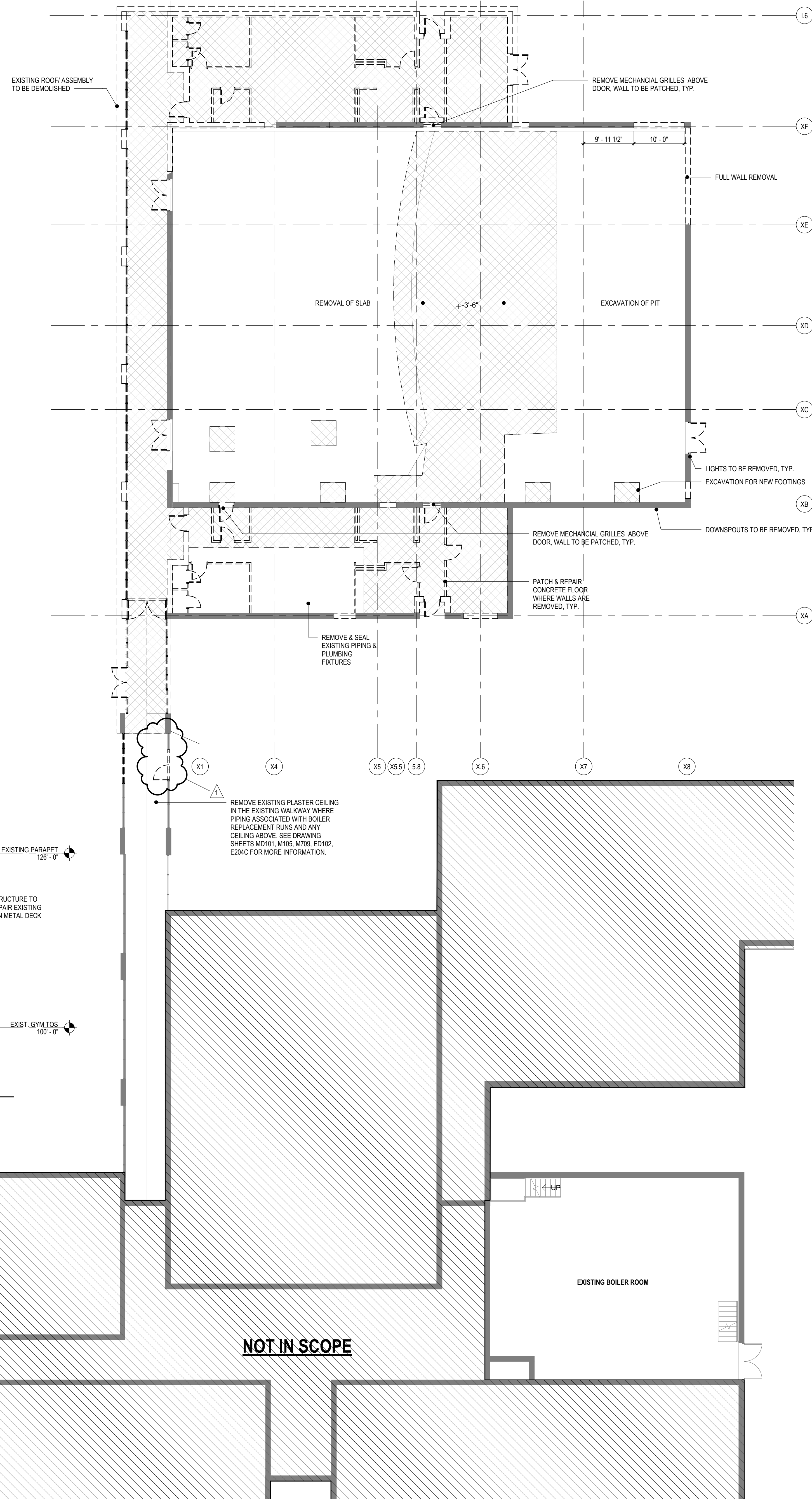
STORMDRAIN PROFILE – MWS-1B STORAGE PIPE TO DOWNSPOUT 7

SCALE: HORIZ. 1" = 10'  
VER. 1' = 2'

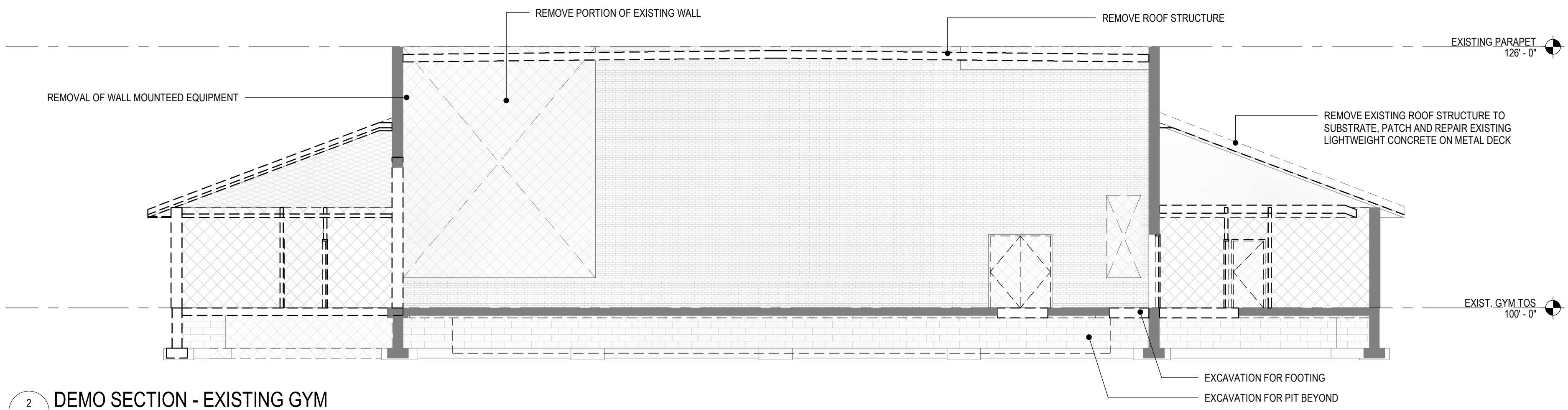
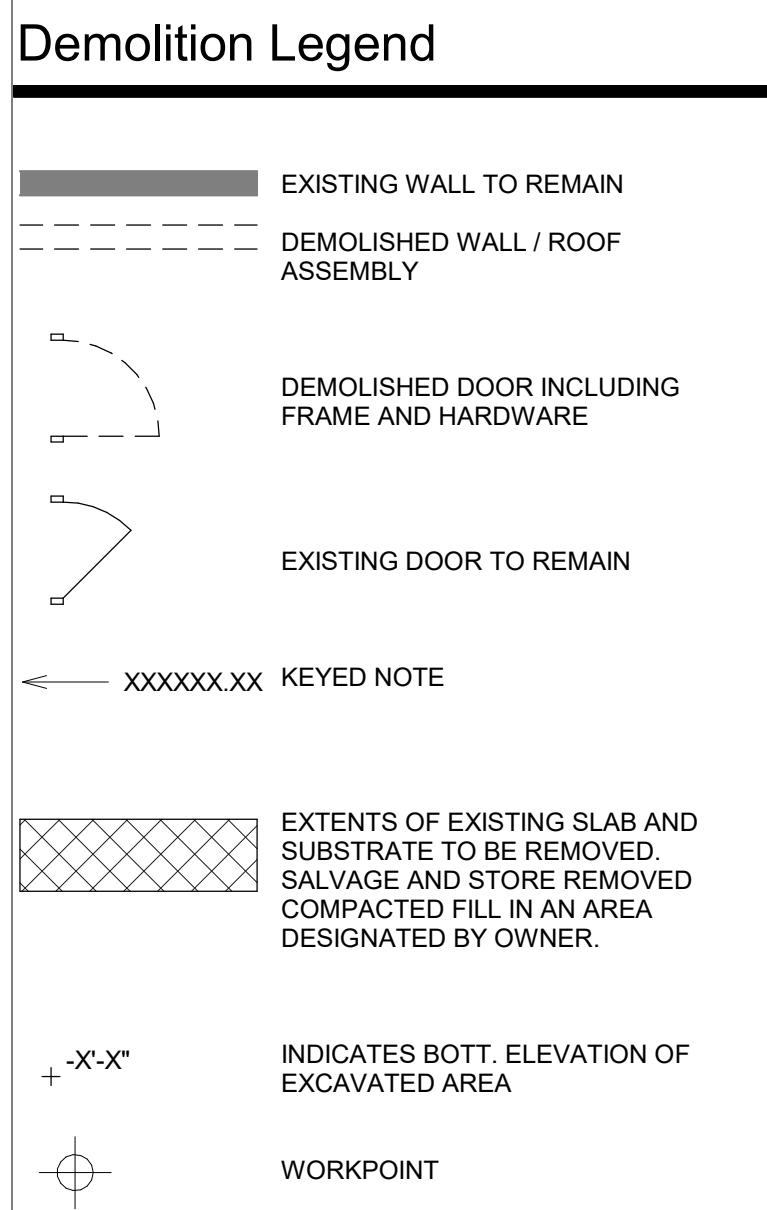
SCD # \_\_\_\_\_



**REMOVE ALL EXISTING EQUIPMENT & INFRASTRUCTURE**



- LEGEND NOTES**
- General Notes - Demolition**
1. ALL ELEMENTS AND ASSEMBLIES INDICATED TO BE REMOVED ARE TO BE DEMOLISHED IN THEIR ENTIRETY. U.O.N. CONTRACTOR TO PROMPTLY NOTIFY ARCHITECT PRIOR TO PROCEEDING WITH ANY DEMOLITION WORK THAT MAY DISTURB EXISTING STRUCTURAL ELEMENTS.
  2. CONTRACTOR TO PROVIDE PROTECTION WHERE NECESSARY FOR EXISTING STRUCTURES, FINISHES AND UTILITIES INDICATED TO REMAIN.
  3. CONTRACTOR SHALL KEEP THE SITE SECURED AT ALL TIMES AND COORDINATE DEMOLITION WORK OF ALL TRADES.
  4. CONTRACTOR SHALL NOT CONSIDER THE DEMOLITION AND ALTERATION NOTES TO BE ALL INCLUSIVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSPECT AND ASSESS EACH AREA AND TO FULFILL THE INTENT OF THE WORK INDICATED BY THE CONTRACT DOCUMENTS. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. DEVIATIONS FROM THE CONTRACT DOCUMENTS NECESSITATED BY FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
  5. ANY DAMAGED OR REMOVED FIRE-PROOFING MUST BE REPLACED.
  6. COORDINATE DEMOLITION WORK WITH NEW WORK DRAWINGS.
  7. CONTRACTOR TO VERIFY EACH ITEM TO BE SALVAGED WITH THE OWNER, DETERMINE A SUITABLE AREA AND METHOD OF STORAGE FOR SAVED ITEMS WITH OWNER. ALL OTHER ITEMS TO BE REMOVED FROM THE SITE.
  8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND ERECTION OF ALL SHORING NECESSARY TO SAFEGUARD THE EXISTING STRUCTURE.
  9. PATCH & REPAIR CONCRETE FLOOR WHERE WALLS ARE REMOVED.
  10. FILL ALL MASONRY WALLS WITH 8" CMU BLOCK WHERE WALLS WITH EXISTING INFRASTRUCTURE IS REMOVED.
  11. CONTRACTOR SHOULD GIVE BACK TO CLIENT EXISTING EQUIPMENT, FIXTURES, DEVICES, STORAGE, FURNITURE, SECURITY DEVICES, FIRE PROTECTION AND PLUMBING FIXTURES.



**2 DEMO SECTION - EXISTING GYM**  
D001 SCALE: 1/8" = 1'-0"

**1 DEMO PLAN - EXISTING GYM**  
D001 SCALE: 3/32" = 1'-0"



NOT FOR CONSTRUCTION

GARRETT COLLEGE CEPAC

ISSUED FOR BID AND PERMIT  
Issue Date: 11/15/2019  
Revisions  
1 ADDENDUM 01 12/11/2019

56-18107-00  
DEMO PLAN AND SECTION

D001

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CONSTRUCTION

GARRETT COLLEGE CEPAC

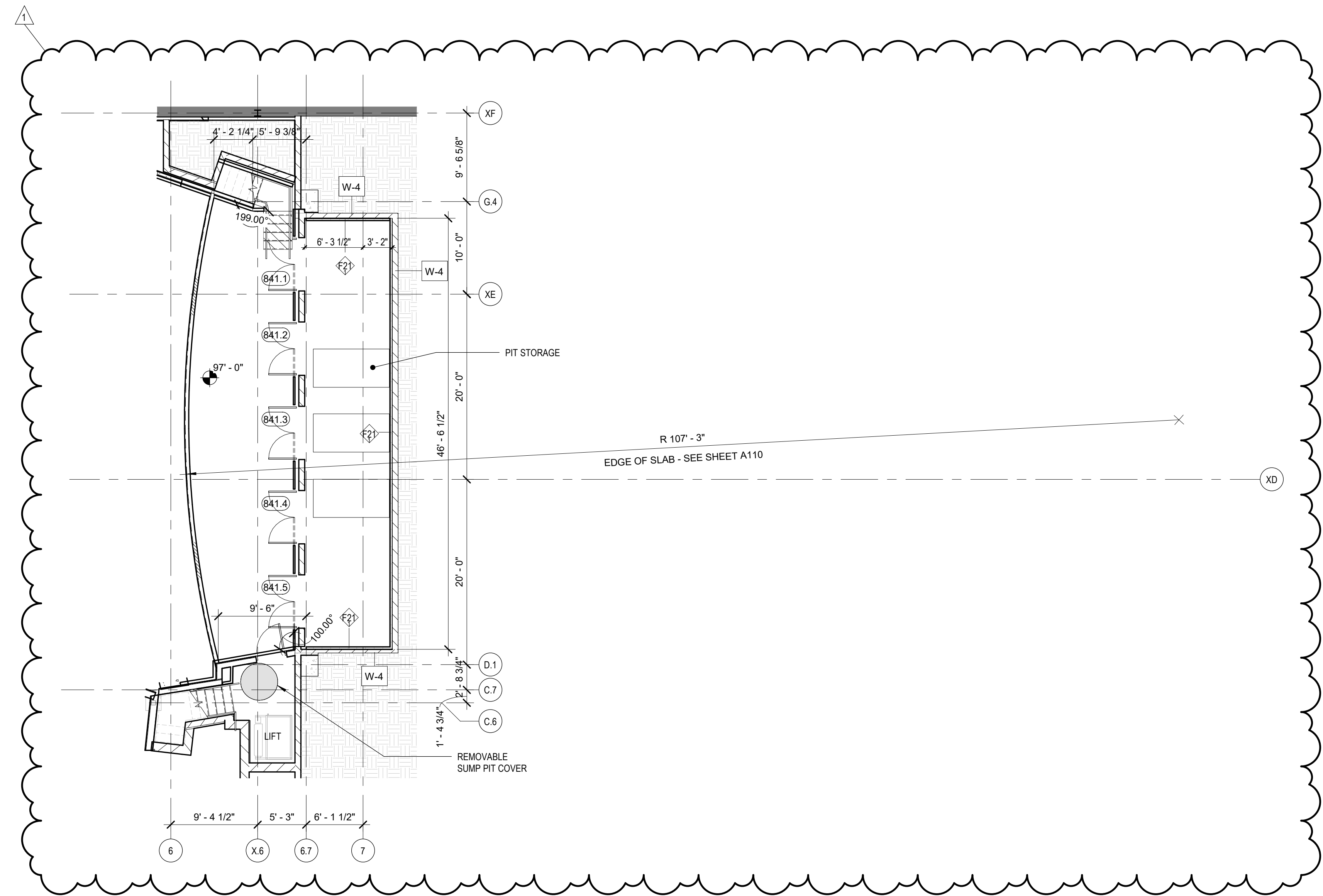
687 MOSSER ROAD,  
MCKENRY, MD 21541

ISSUED FOR BID  
AND PERMIT

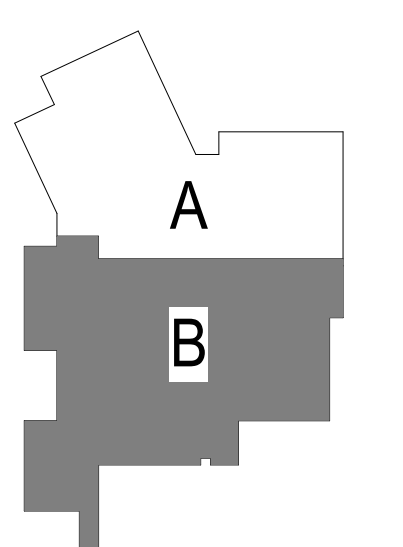
Issue Date: 11/15/2019  
Revisions  
1 ADDENDUM 01 12/11/2019

56-18107-00  
ORCHESTRA PIT

A100



KEY PLAN



**LEGEND NOTES**

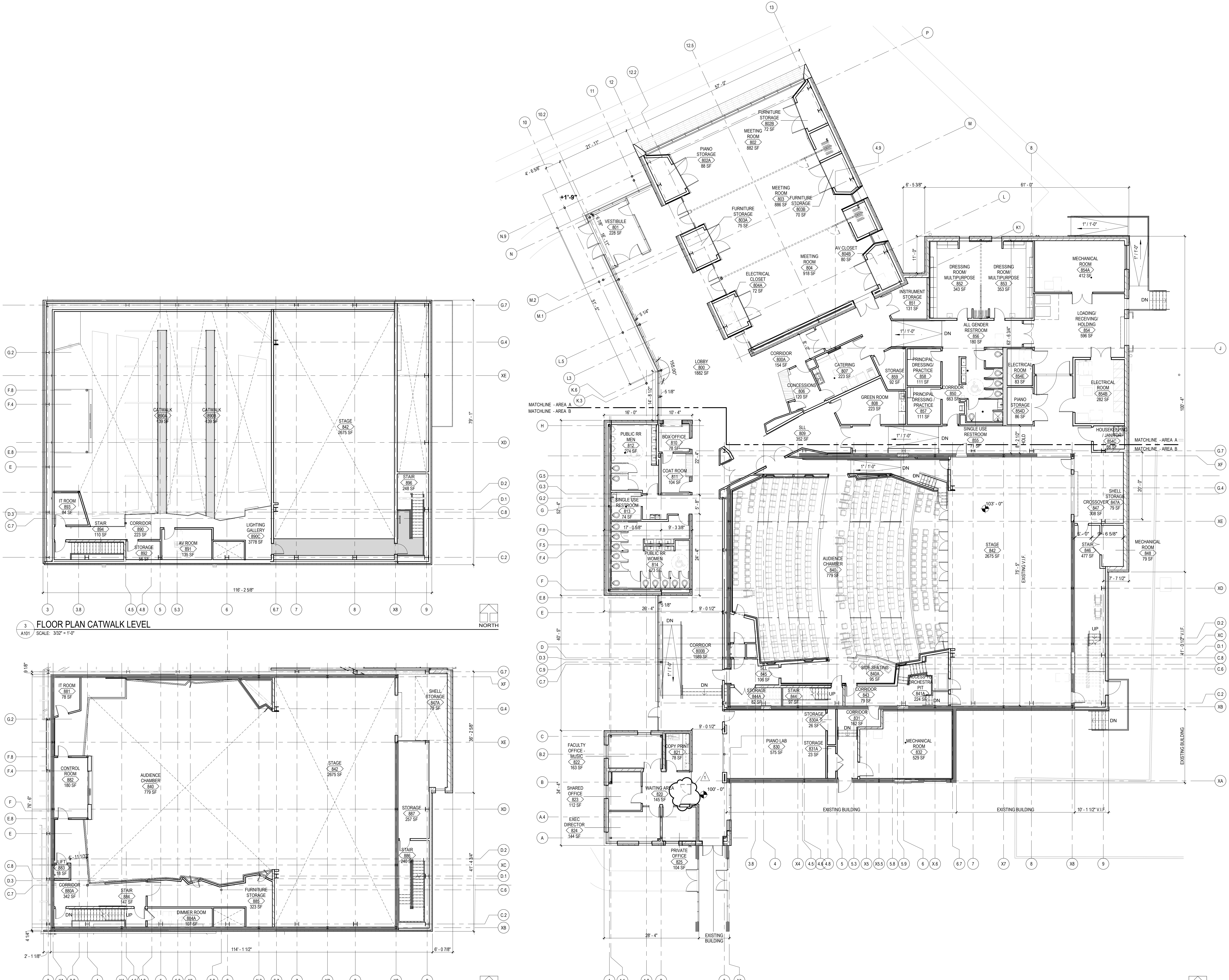
**General Notes - Floor Plan**

1. NOT USED
2. SEE A-400 FOR DOOR TYPES AND SCHEDULE
3. ALL DIMENSIONS ARE FROM STUD TO STUD, OR TO COLUMN CENTERLINE, UNLESS NOTED OTHERWISE. ALL THICKNESSES ARE NOMINAL DIMENSIONS.
4. ALL DOOR OPENINGS ARE DIMENSIONED TO SCHEDULED DOOR OPENINGS.
5. VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD.
6. REFER TO ALL DISCIPLINE DRAWINGS FOR FULL EXTENT OF WORK. COORDINATE BETWEEN ALL TRADES / DISCIPLINES.
7. FLOOR TOLERANCE: EXISTING FLOOR SLABS TO BE LEVELED TO A TOLERANCE OF 1/4" SLOPE IN 10'-0".
8. ALL SLABS ABOVE 0'-0" TO BE BUILT OVER EXISTING SLAB AND STRUCTURAL FILL.

**Floor Plan Legend**

- EXISTING WALL
- NEW WALL
- NEW MASONRY WALL
- FINISH FURRING OVER DRYWALL PARTITIONS
- KEYED NOTE
- WALL TYPE TAG
- CORNERGUARD - SEE INTERIOR DETAIL SHEETS
- NEW MILLWORK
- NEW DOOR
- EXISTING DOOR TO REMAIN
- XXXXXX KEYED NOTE
- SLAB PENETRATION, SEE PLUMBING DWGS
- FLOOR DRAIN, SEE PLUMBING DWGS
- CLEAN OUT, SEE PLUMBING DWGS

NOT FOR CONSTRUCTION

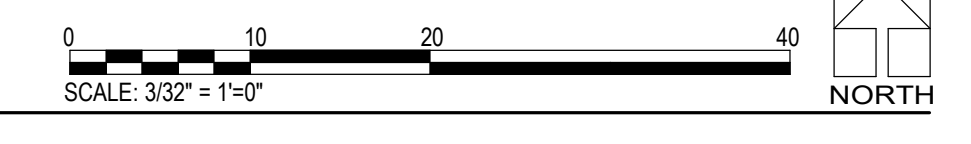
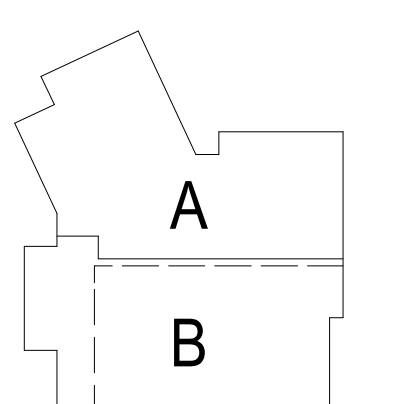


**3 FLOOR PLAN CATWALK LEVEL**  
A101 SCALE: 3/32" = 1'-0"

**2 FLOOR PLAN CONTROL ROOM LEVEL**  
A101 SCALE: 3/32" = 1'-0"

**1 FLOOR PLAN MAIN LEVEL**  
A101 SCALE: 3/32" = 1'-0"

**KEY PLAN**



GARRETT COLLEGE CEPAC

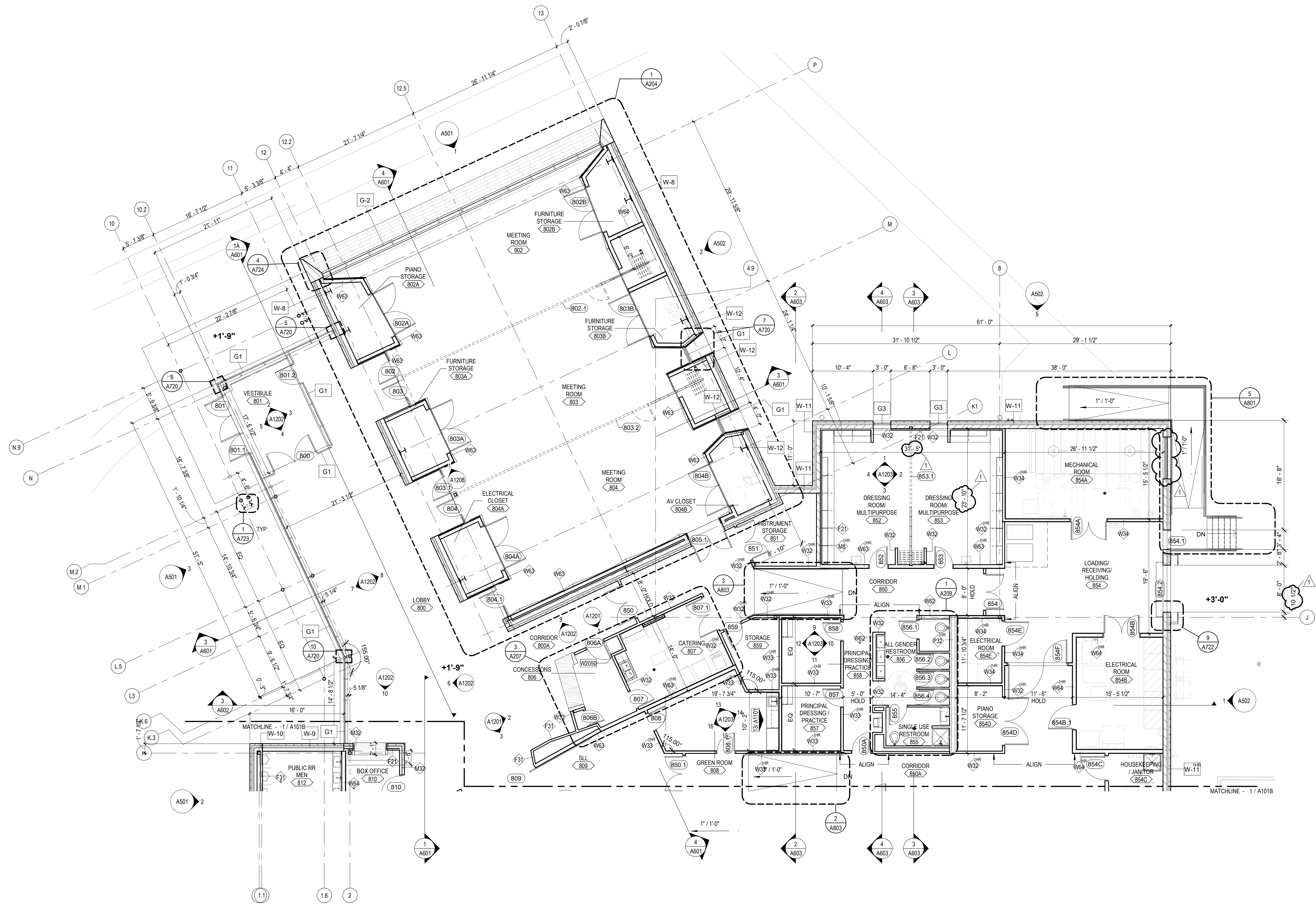
687 MOSSER ROAD,  
MCHEENY, MD 21541

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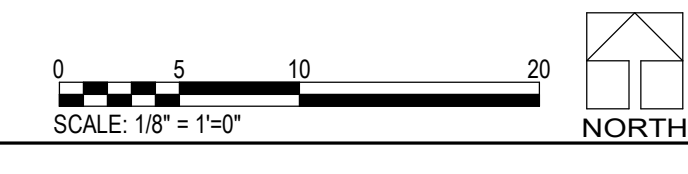
Issue Date: 11/15/2019  
Revisions:  
1 ADDENDUM 01 12/11/2019

56-18107-00  
FLOOR PLAN OVERALL

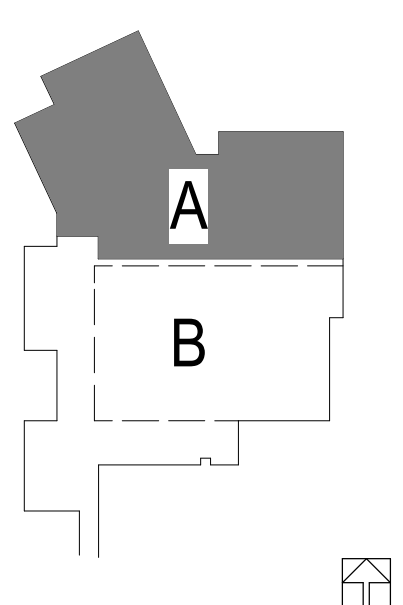
**A101**



1 FLOOR PLAN MAIN LEVEL A - STUDY  
A101A SCALE: 1/8" = 1'-0"



KEY PLAN



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GARRETT COLLEGE CEPAC

887 MOSSER ROAD,  
MCHEENY, MD 21541

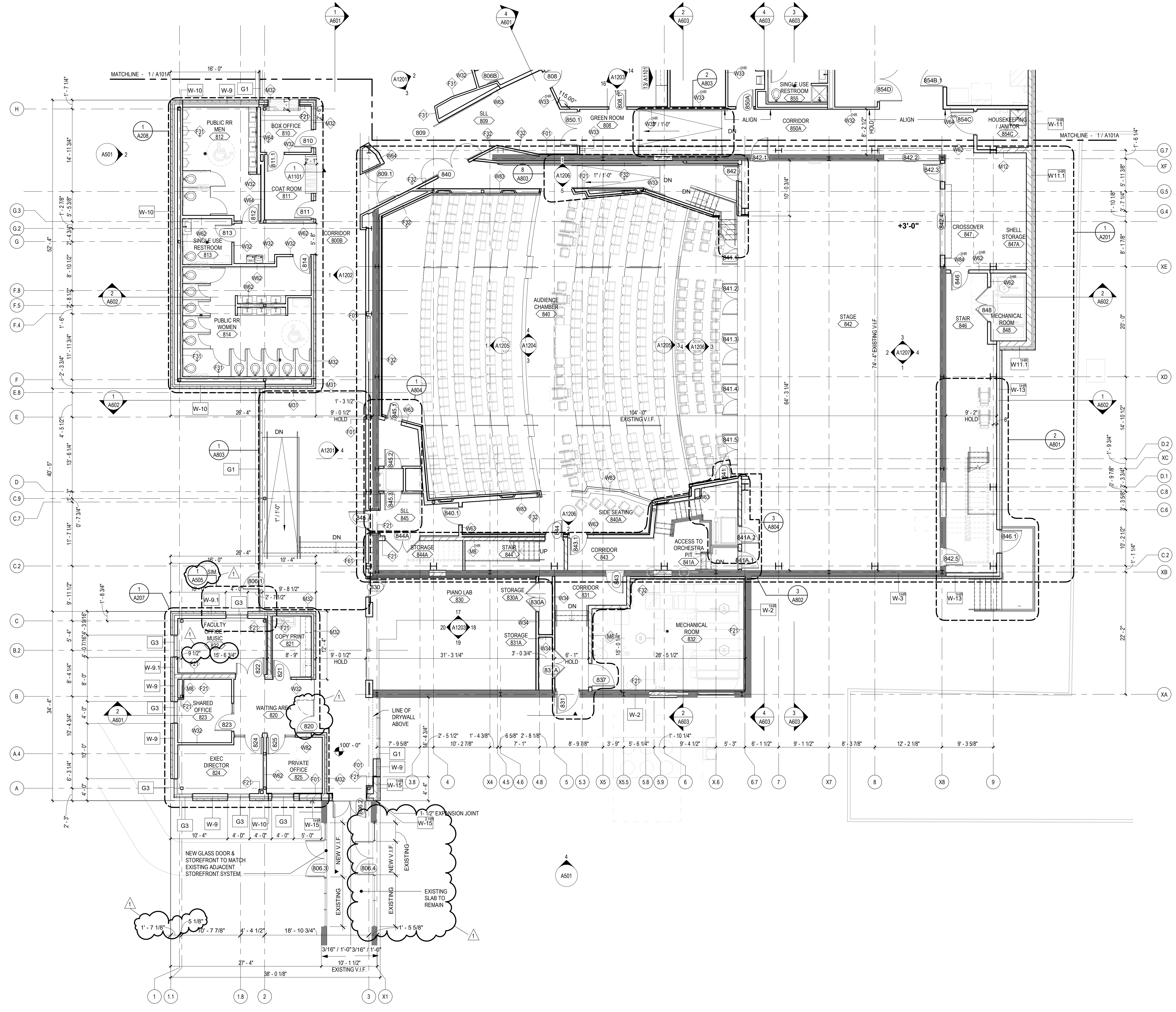
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Issue Date: 11/15/2019  
Revisions  
1 ADDENDUM 01 12/11/2019

56-18107-00

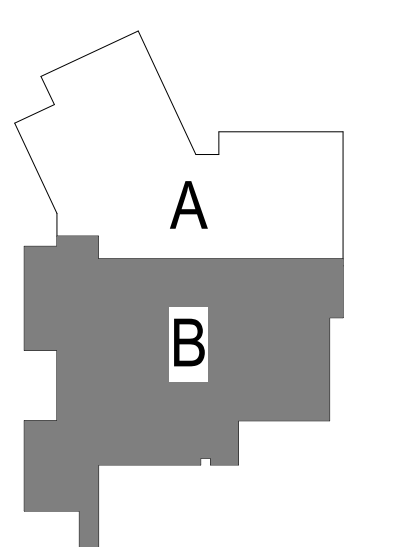
FLOOR PLAN  
MAIN LEVEL B

A101B

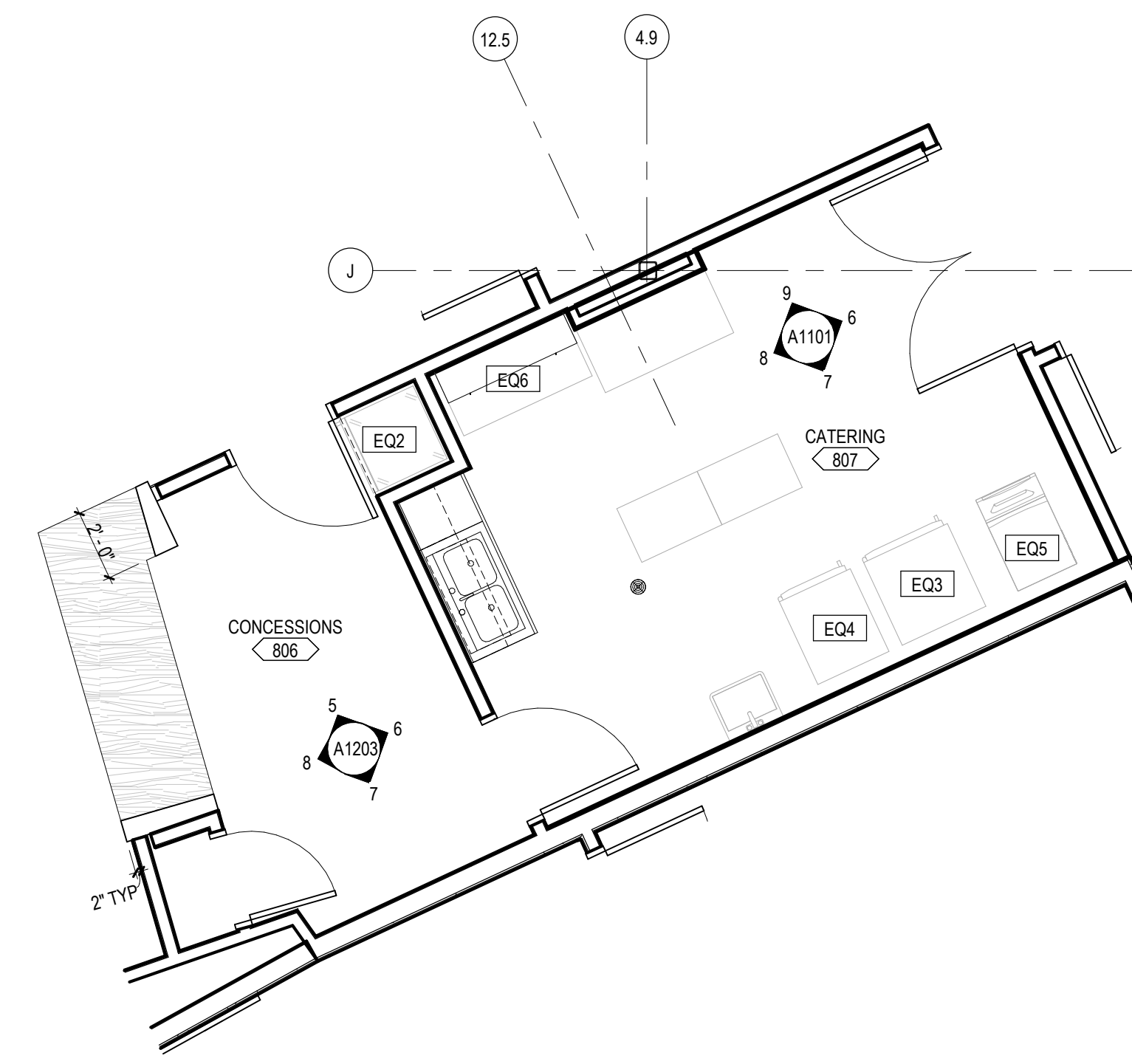


1 FLOOR PLAN MAIN LEVEL B  
A101B SCALE: 1/8" = 1'-0"

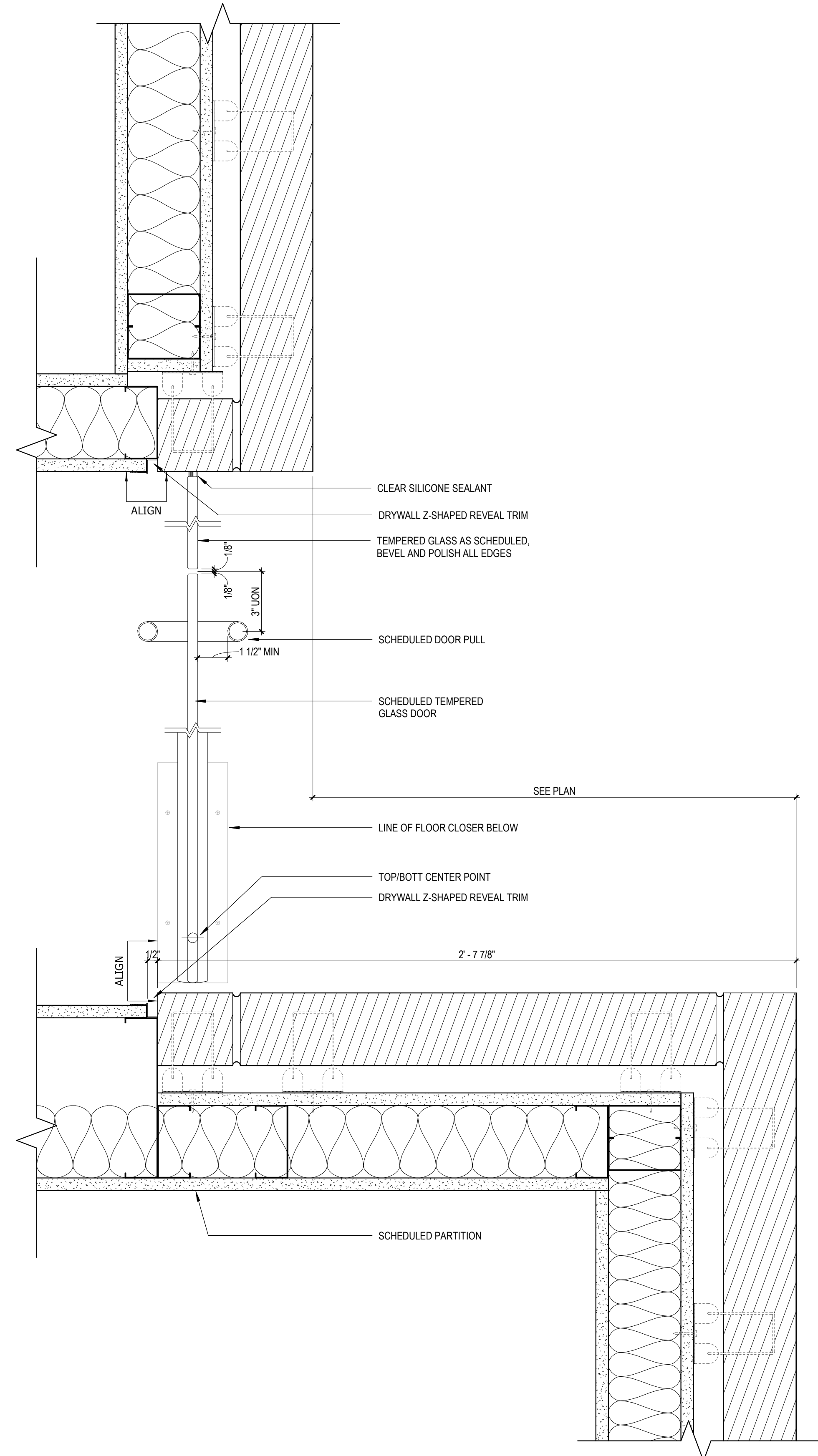
KEY PLAN



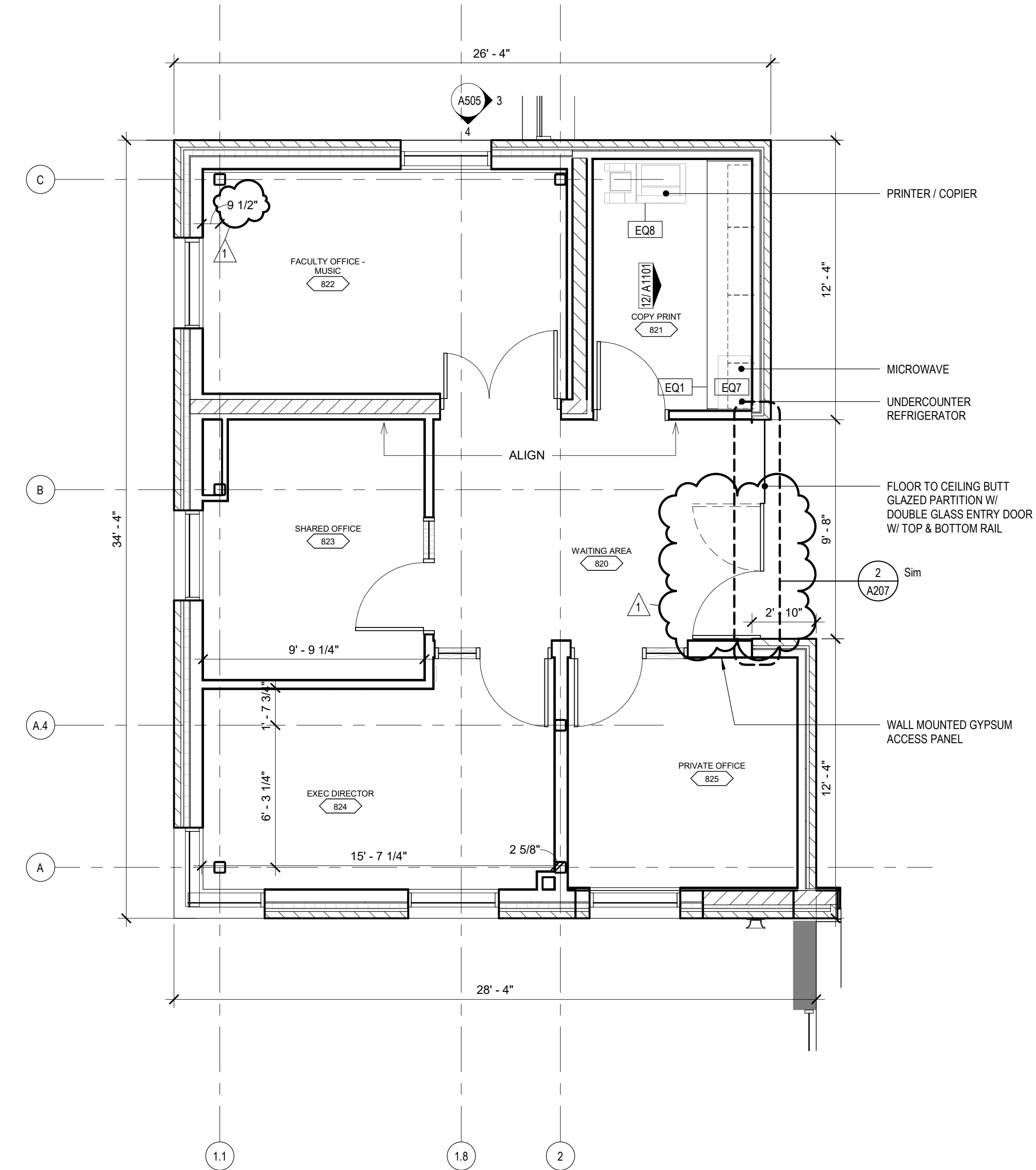
| APPLIANCE AND EQUIPMENT SCHEDULE |                                       |              |                                |              |              |                                  |  |
|----------------------------------|---------------------------------------|--------------|--------------------------------|--------------|--------------|----------------------------------|--|
| Type Mark                        | Description                           | Manufacturer | Model                          | Furnished By | Installed By | Comments                         |  |
| EQ1                              | UNDERCOUNTER REFRIGERATOR             | SUMMIT       | AL54                           |              |              | FURNISHED AND INSTALLED BY GC    |  |
| EQ2                              | FULL SIZE COMMERCIAL BEVERAGE CENTER  | SUMMIT       | SCR1401LH                      | GC           | GC           |                                  |  |
| EQ3                              | REACH-IN REFRIGERATOR                 | Victory      | RS-10-S1-EW                    | GC           | GC           |                                  |  |
| EQ4                              | REACH-IN WARMING CABINET              | Victory      | HS-10-1                        | GC           | GC           |                                  |  |
| EQ5                              | ICE CUBE MACHINE WITH ICE STORAGE BIN | Manitowoc    | IT10420 WI D-330 STORAGE BIN   | GC           | GC           |                                  |  |
| EQ6                              | WORKTABLE WITH ROLLED RM. EDGE        | Eagle Group  | BLENDPORT FL SERIES BPT-244BFL | GC           | GC           |                                  |  |
| EQ7                              | COUNTERTOP MICROWAVE                  | GE           | PROFILE PES7227SLSS            |              |              | FURNISHED AND INSTALLED BY GC    |  |
| EQ8                              | COPIER                                | XEROX        | ALTALINK C8035                 |              |              | FURNISHED AND INSTALLED BY OWNER |  |



3 ENLARGED PLAN - CATERING AND CONCESSIONS  
A207 SCALE: 1/4" = 1'-0"



2 PLAN DETAIL - GLASS PARTITION AT OFFICE SUITE  
A207 SCALE: 3" = 1'-0"



1 ENLARGED FLOOR PLAN - OFFICE SUITE  
A207 SCALE: 1/4" = 1'-0"

NOT FOR CONSTRUCTION

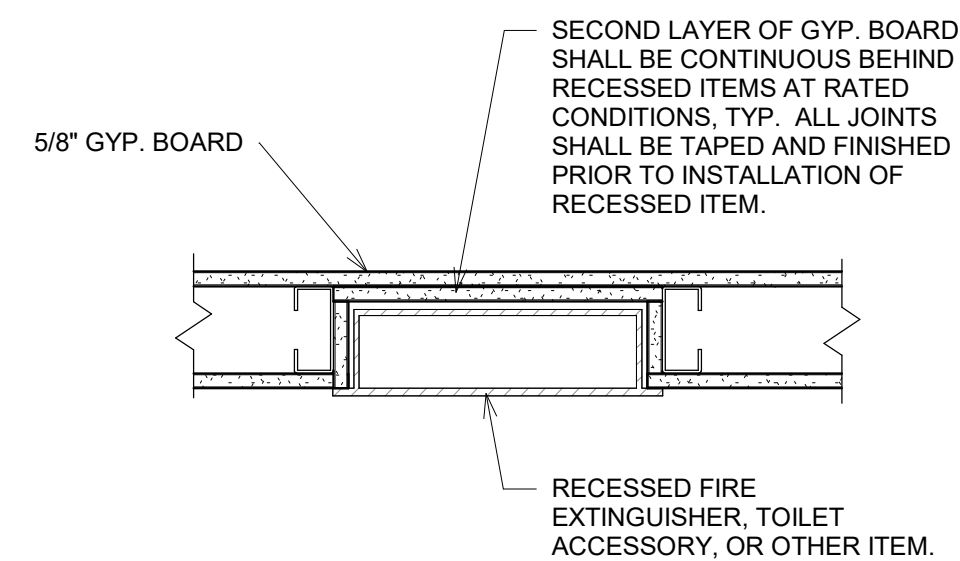
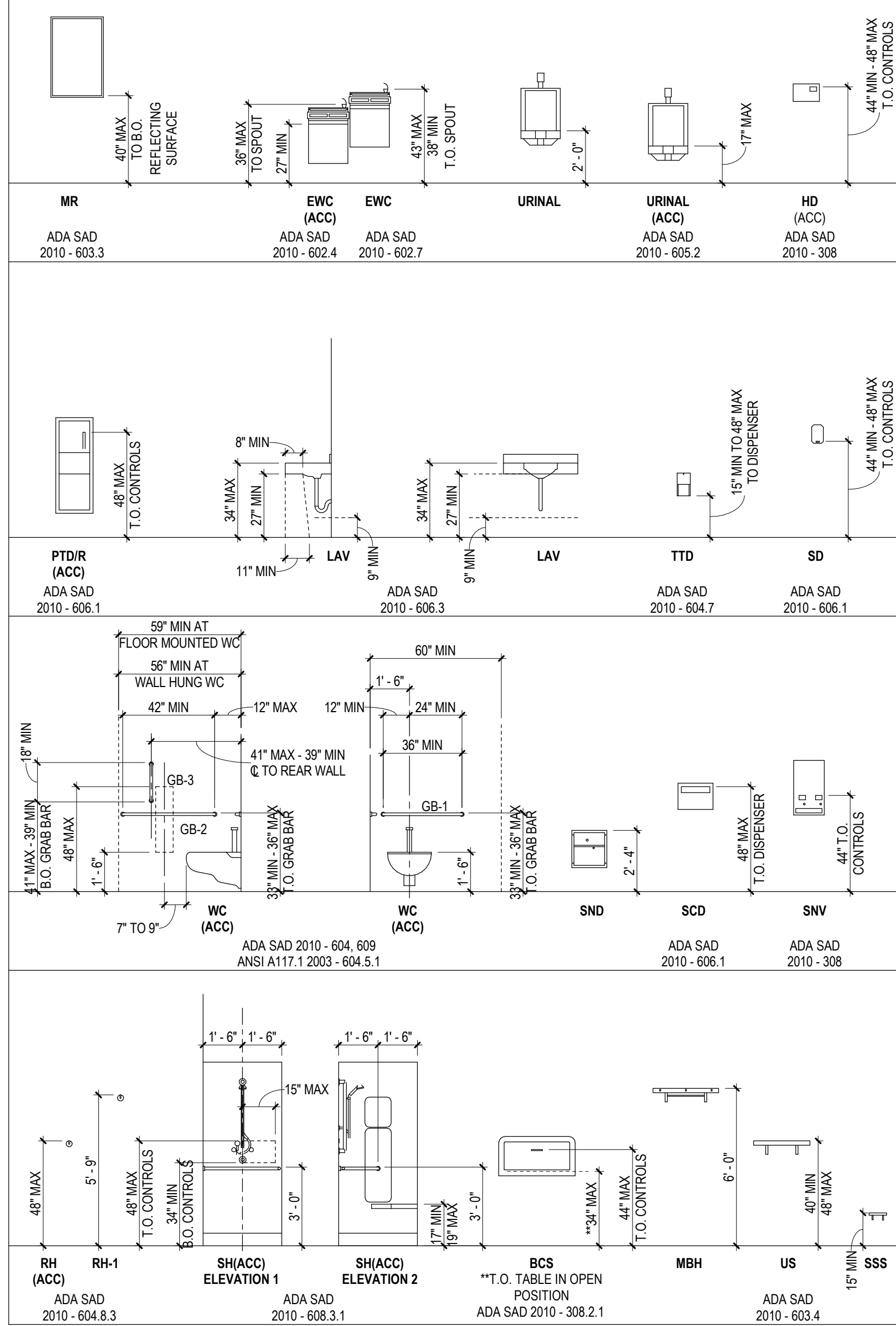
GARRETT COLLEGE CEPAC

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Issue Date: 11/15/2019  
Revisions:  
1 ADDENDUM 01 12/11/2019

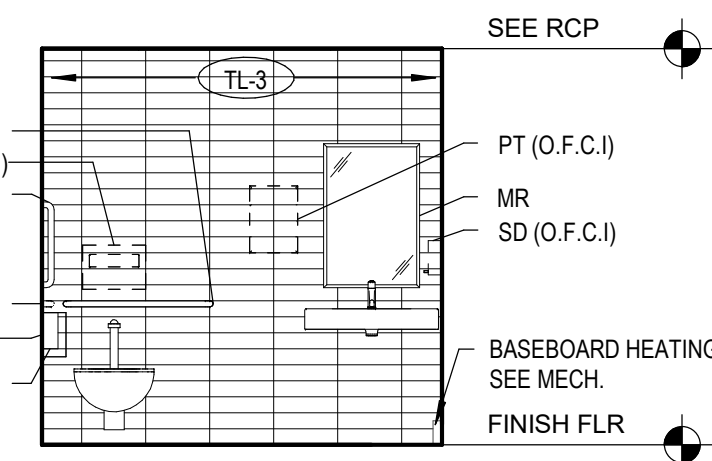
56-18107-00  
ENLARGED PLAN OFFICE SUITE, CATERING AND CONCESSIONS

A207

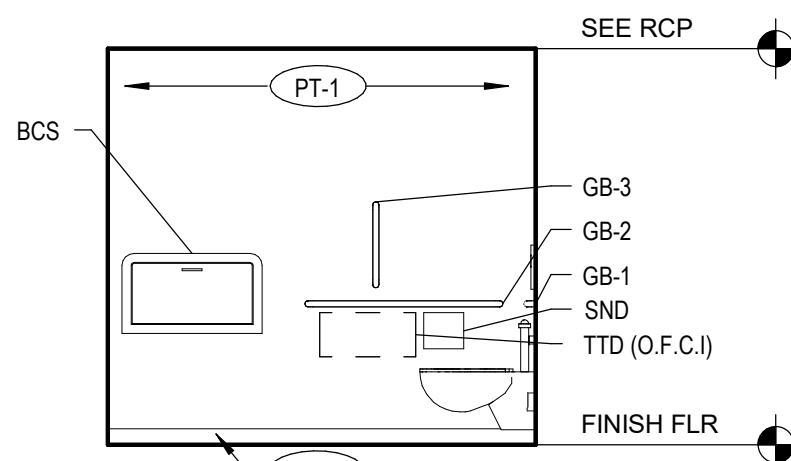
**ADULT MOUNTING HEIGHTS**



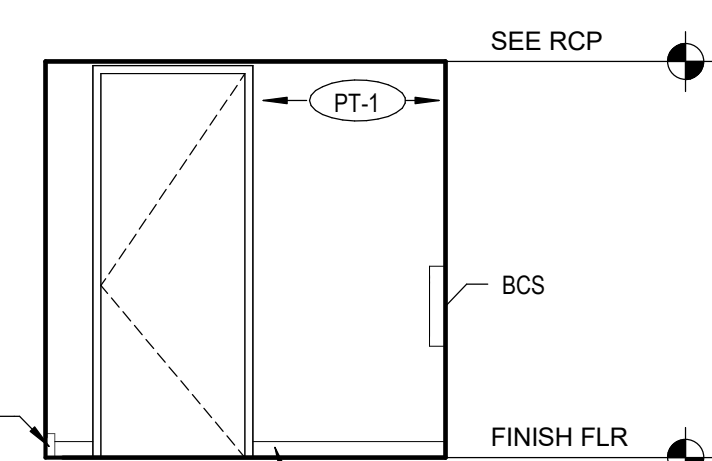
**15 TYPICAL RECESSED ACCESSORY**  
SCALE: 1 1/2" = 1'-0"



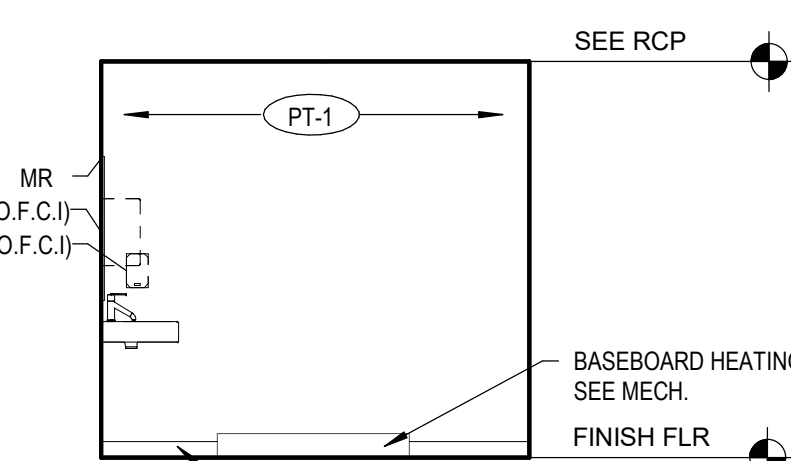
**14 SINGLE USE RR - W**  
SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



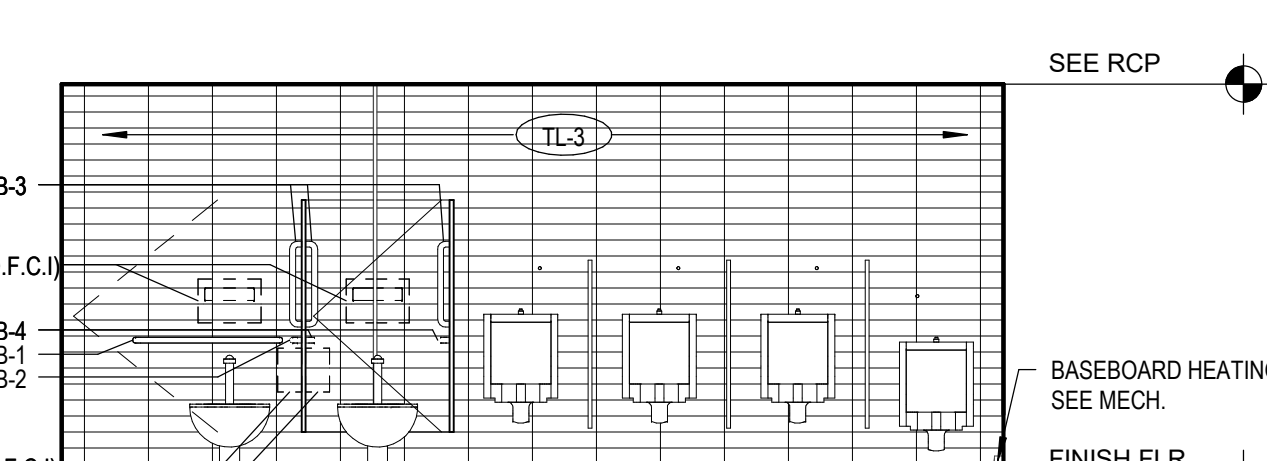
**13 SINGLE USE RR - S**  
SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



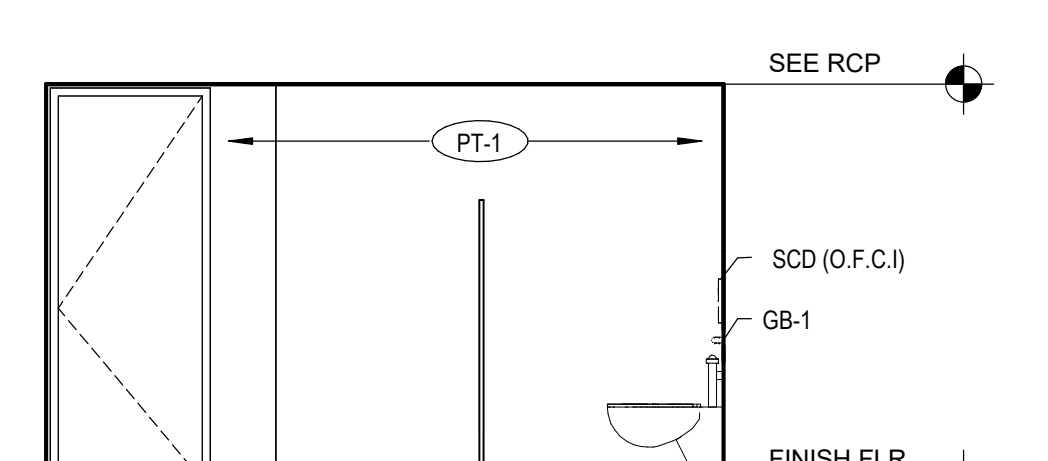
**12 SINGLE USE RR - E**  
SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



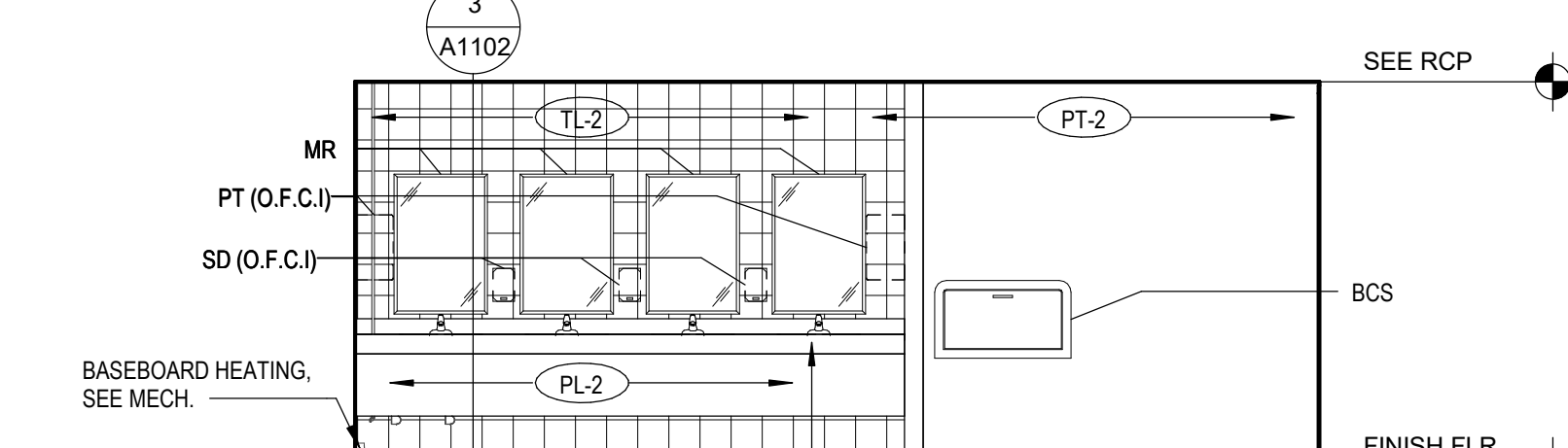
**11 SINGLE USE RR - N**  
SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



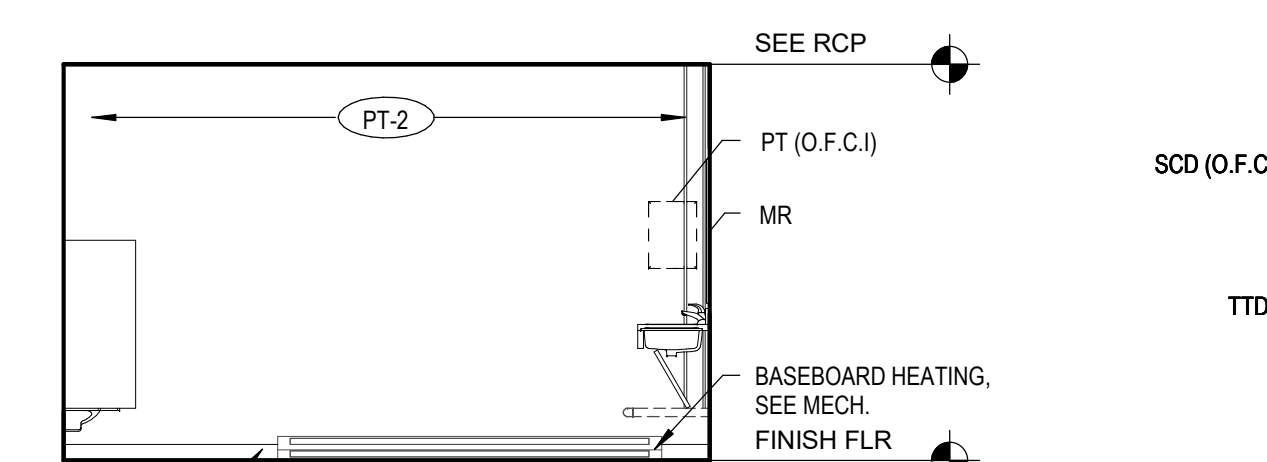
**10 MEN'S RR - WEST**  
SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



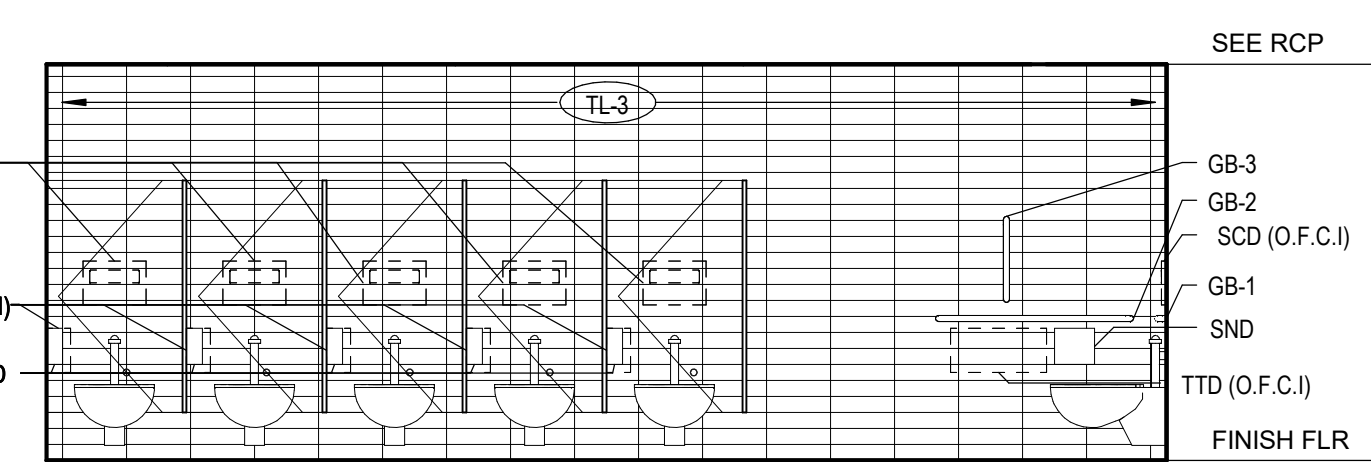
**9 MEN'S RR - SOUTH**  
SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



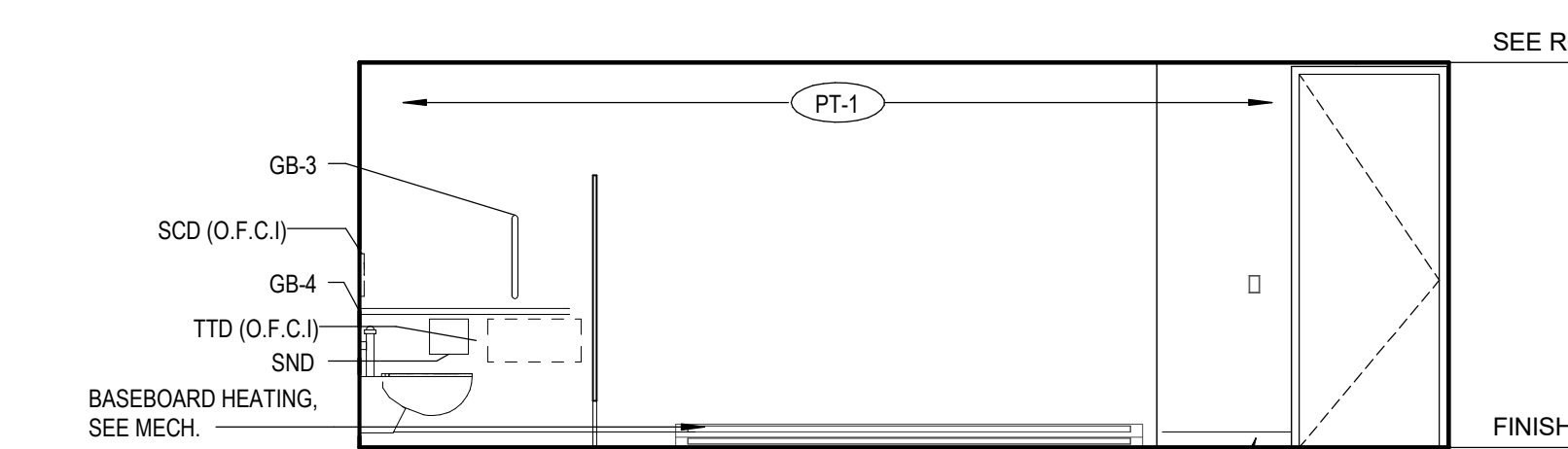
**8 MEN'S RR - EAST**  
SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



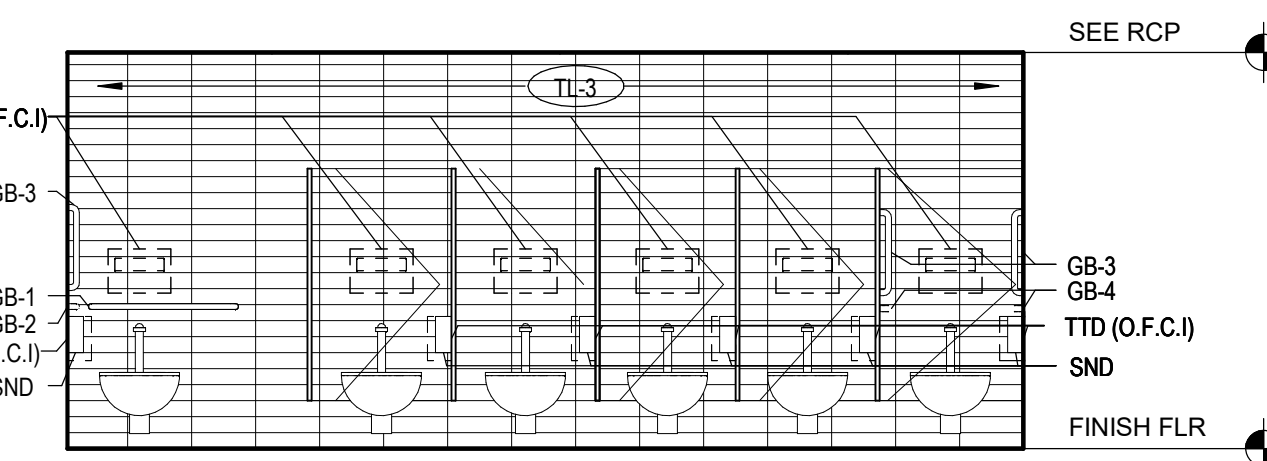
**7 MEN'S RR - NORTH**  
SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



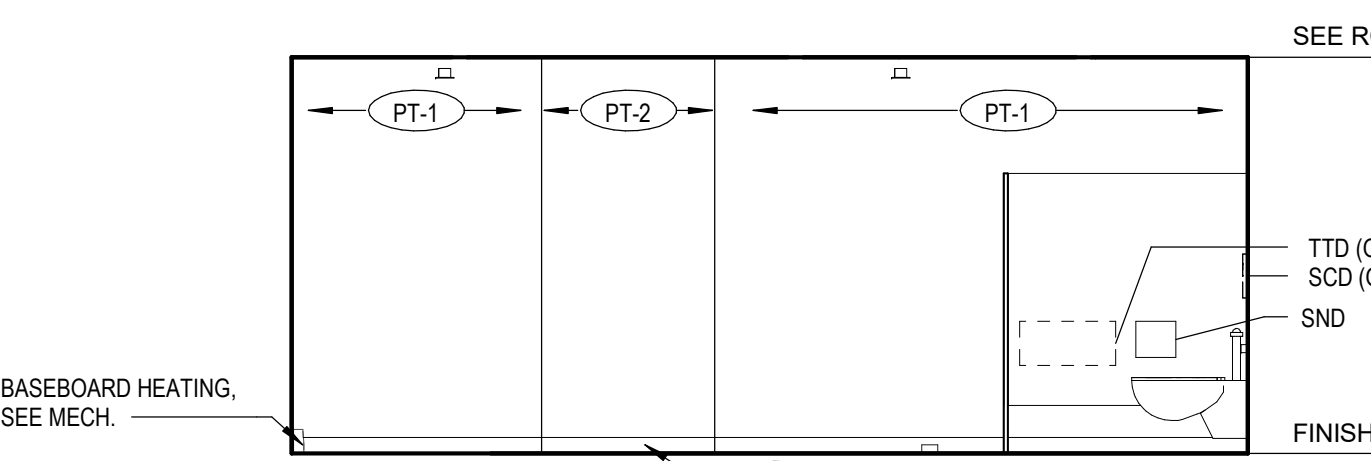
**4 RR WOMEN - SOUTH**  
SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



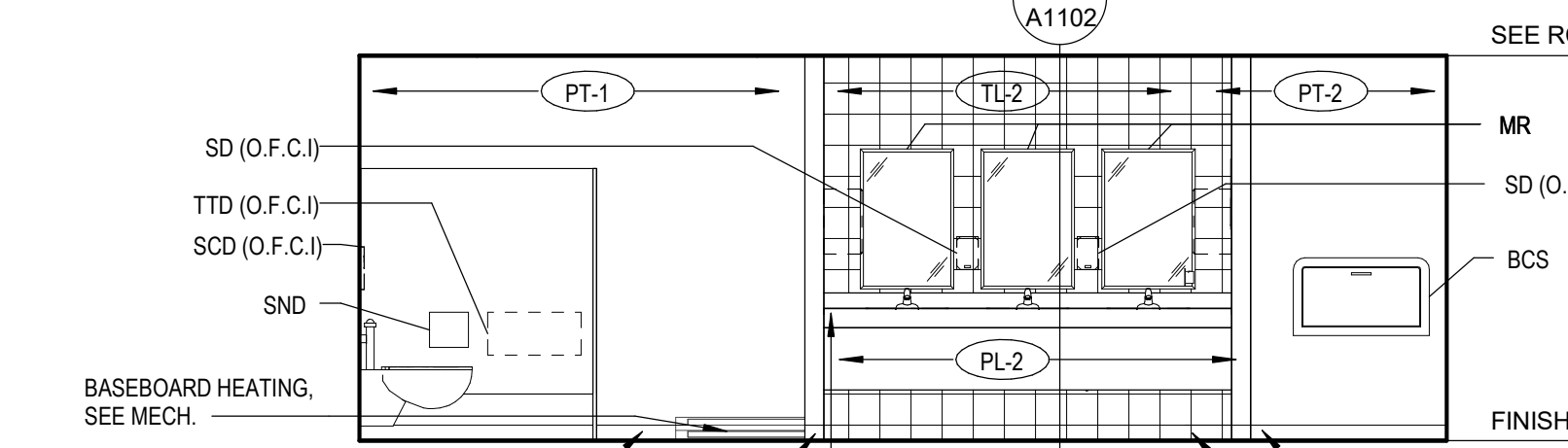
**6 RR WOMEN - NORTH**  
SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



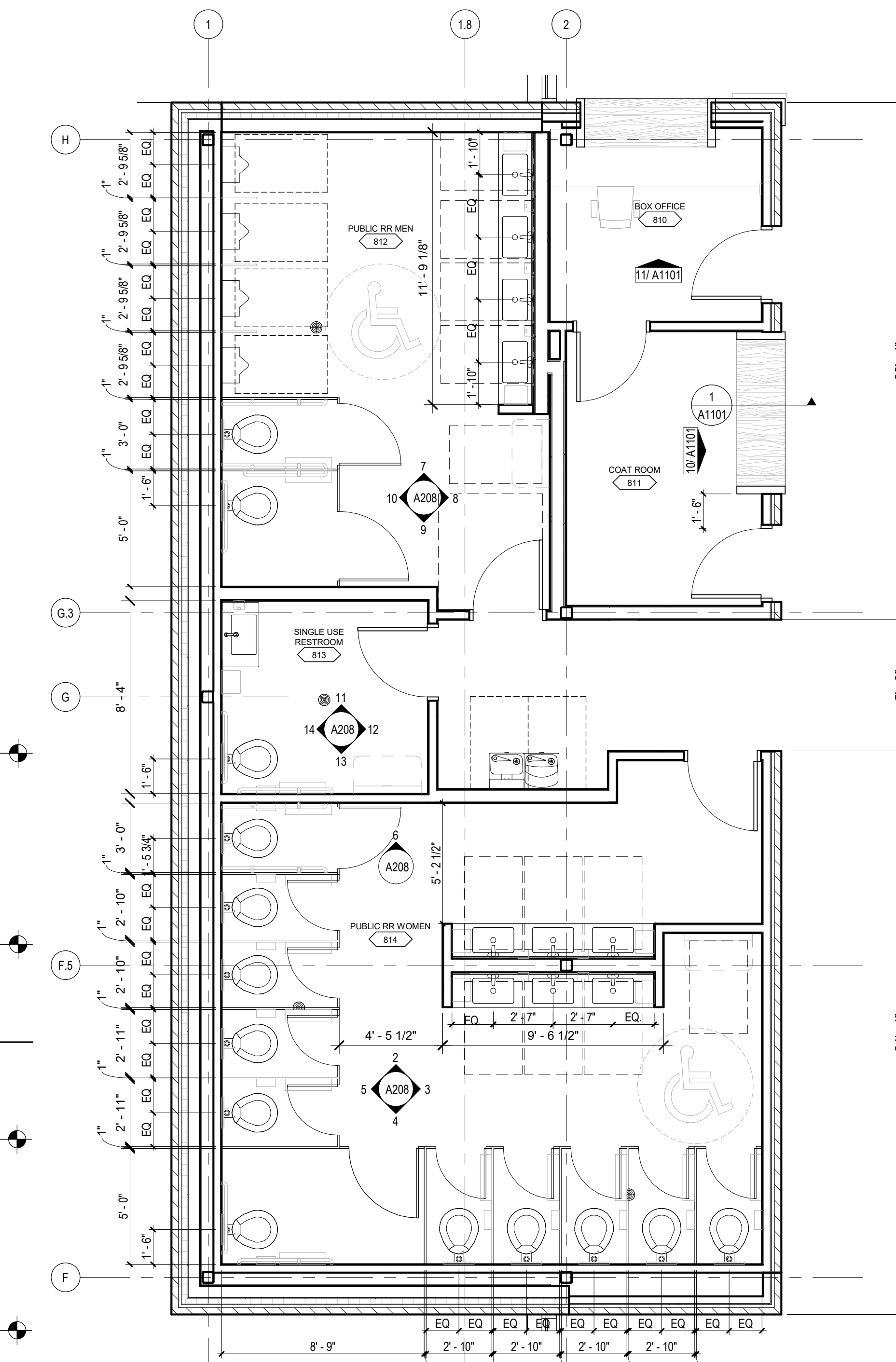
**5 RR WOMEN - WEST**  
SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



**3 RR WOMEN - EAST**  
SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



**2 RR WOMEN - NORTH**  
SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



**1 ENLARGED PLAN - PUBLIC RESTROOMS**  
SCALE: 1/4" = 1'-0"

**LEGEND NOTES**

- GENERAL NOTES FOR ACCESSIBILITY**
- A. ACCESSIBLE URINAL SHALL PROVIDE CLEAR FLOOR SPACE PER ADA SAD 2010 - 603.3
  - B. ACCESSIBLE WATER CLOSETS SHALL PROVIDE CLEAR SPACE PER ADA SAD 2010 - 604.3.1
  - C. ACCESSIBLE LAVATORIES AND SINKS SHALL PROVIDE CLEAR SPACE PER ADA SAD 2010 - 606.2
  - D. ACCESSIBLE TOILET ROOMS SHALL PROVIDE A TURNING SPACE OF 60 INCHES IN DIAMETER PER ADA SAD 2010 - 304.3.1
  - E. ACCESSIBLE WATER FOUNTAINS SHALL PROVIDE CLEAR FLOOR SPACE PER ADA SAD 2010 - 602.2
  - F. ACCESSIBLE TOILET PARTITIONS SHALL COMPLY WITH ADA SAD 2010 - 604.1
  - G. EXPOSED PIPES AND SURFACES UNDER LAVATORIES AND SINKS SHALL BE INSULATED PER ADA SAD 2010 - 606.5

**TOILET ACCESSORIES ABBREVIATIONS**

| ABBREVIATION | DESCRIPTION                                       |
|--------------|---|
| ACC          | ADA ACCESSIBLE HEIGHT                             |
| BCS          | BABY CHANGING STATION                             |
| GB-1         | GRAB BAR (BACK WALL)                              |
| GB-2         | GRAB BAR (SIDE WALL)                              |
| GB-3         | GRAB BAR (VERTICAL)                               |
| GB-4         | GRAB BAR (AMBULATORY STALL)                       |
| GB-5         | GRAB BAR (SHOWER)                                 |
| MBH          | MIRROR (BROOM HOLDER)                             |
| MR           | MIRROR  |
| PTD          | SURFACE MOUNTED PAPER TOWEL DISPENSER (O.F.C.I.)  |
| RH           | ROBE HOOK   |
| SCD          | SEAT COVER DISPENSER (O.F.C.I.)                   |
| SD           | LIQUID SOAP DISPENSER (O.F.C.I.)                  |
| SCR          | SHOWER CURTAIN ROD                                |
| SND          | SANITARY NAPKIN DISPOSAL                          |
| TTD          | SURFACE MOUNTED TOILET PAPER DISPENSER (O.F.C.I.) |
| US           | UTILITY SHELF                                     |

**RESTROOM GENERAL NOTES**

1. PROVIDE BLOCKING IN WALL FOR ALL O.F.C.I. RESTROOM ACCESSORIES
2. DIMENSIONS ARE FROM WALL FACE TO WALL FACE, OR TO COLUMN CENTERLINE, UNLESS NOTED OTHERWISE. ALL THICKNESSES ARE NOMINAL

**NOT FOR CONSTRUCTION**

**GARRETT COLLEGE CEPAC**  
687 MOSSER ROAD,  
MCHEENY, MD 21541

ISSUED FOR BID AND PERMIT  
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1 ADDENDUM 01 12/11/2019

56-18107-00  
ENLARGED PLAN  
RESTROOMS

**A208**

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**LEGEND NOTES**

**ROOF PLAN GENERAL NOTES**

- A. ROOF PLAN GENERAL NOTES APPLY TO ALL ROOF PLAN SHEETS.
- B. MOST ROOF SLOPES ARE CREATED BY SLOPING THE ROOF STRUCTURE. SEE STRUCTURAL DRAWINGS FOR ELEVATIONS OF THE HIGH AND LOW POINTS TO DETERMINE PROPER TAPER IN INSULATION. SHADED AREAS INDICATE TAPERED INSULATION. TAPERED INSULATION SHALL PROVIDE A MINIMUM OF 1/4-INCH PER FOOT OF SLOPE TO ROOF DRAINS, UNLESS NOTED OTHERWISE.
- C. ALL ROOF CURBS TO BE A MINIMUM OF 8" ABOVE ROOFING LEVELS. PROVIDE TAPERED INSULATION ROOF SADDLES AT ROOF CURBS TO PROVIDE APPROPRIATE DRAINAGE.
- D. SEE STRUCTURAL FOR FRAMING AROUND ROOF PENETRATIONS. COORDINATE THE SIZE AND LOCATION OF ROOF PENETRATIONS FOR MECHANICAL AND ELECTRICAL EQUIPMENT. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR PENETRATIONS NOT SHOWN ON THIS SHEET.
- F. FLASH DRAINS, CURBS, VENTS AND STACKS PER MANUFACTURER'S RECOMMENDATIONS IF DETAIL NOT SHOWN ON PLANS.
- G. NO ROOF PENETRATIONS ALLOWED WITHIN 4'-0" EACH SIDE OF 2-HR FIREWALL. SEE CODE PLAN FOR WALL LOCATIONS.

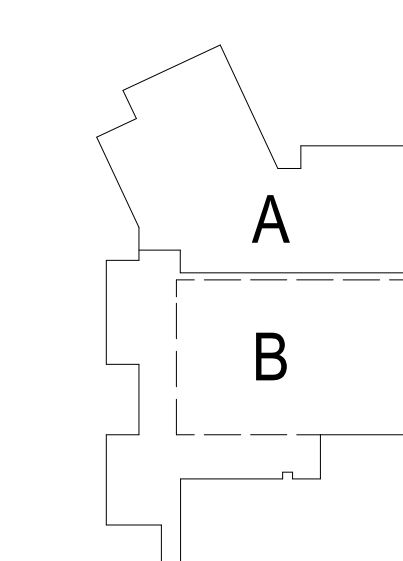
**ROOF LEGEND SEE A710**

- RA-1 60 MIL FULLY ADHERED THERMOPLASTIC ROOF SYSTEM OVER STAGE HOUSE / MULTI PURPOSE ROOM.
- RA-2 60 MIL FULLY ADHERED THERMOPLASTIC ROOF SYSTEM OVER LOBBY/ OFFICES/ BACK OF HOUSE/ RESTROOMS
- RA-3 60 MIL FULLY ADHERED THERMOPLASTIC ROOF SYSTEM AT CANTILEVER
- RA-4 60 MIL FULLY ADHERED THERMOPLASTIC ROOF SYSTEM OVER AUDIENCE CHAMBER
- RA-5 ASPHALT SHINGLED ROOF OVER EXISTING STRUCTURE & SUBSTRATE AT PIANO LAB AND MECHANICAL ROOMER EXISTING SUBSTRATE AT PIANO LAB AND MECHANICAL ROOM
- RA-6 SAME AS ROOF TYPE "RA-5" EXCEPT NEW ROOF STRUCTURE, NEW METAL DECK AND LIGHTWEIGHT CONCRETE TO MATCH ROOF "RA-5"

**KEYNOTE LEGEND**

- 05.020 METAL LADDER
- 07.008 DOWNSPOUT
- 07.020 INTEGRATED GUTTER
- 07.021 SCUPPER AND DOWNSPOUT
- 07.023 DOWNSPOUT CONCEALED IN ARCHITECTURAL COLUMN
- 22.009 ROOF DRAIN, SEE PLUMBING
- 23.012 MECHANICAL EQUIP. - SEE MECHANICAL

**KEY PLAN**



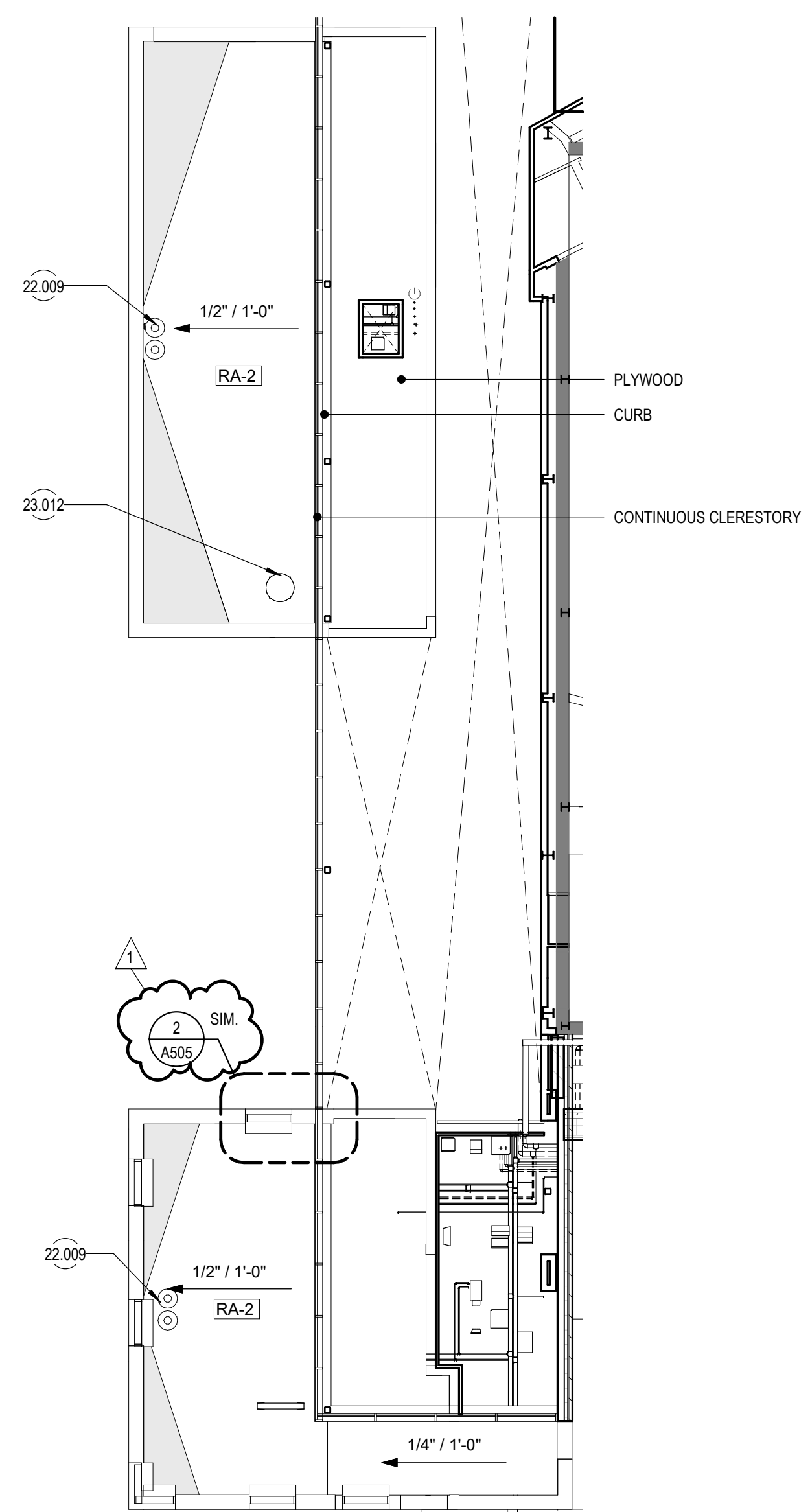
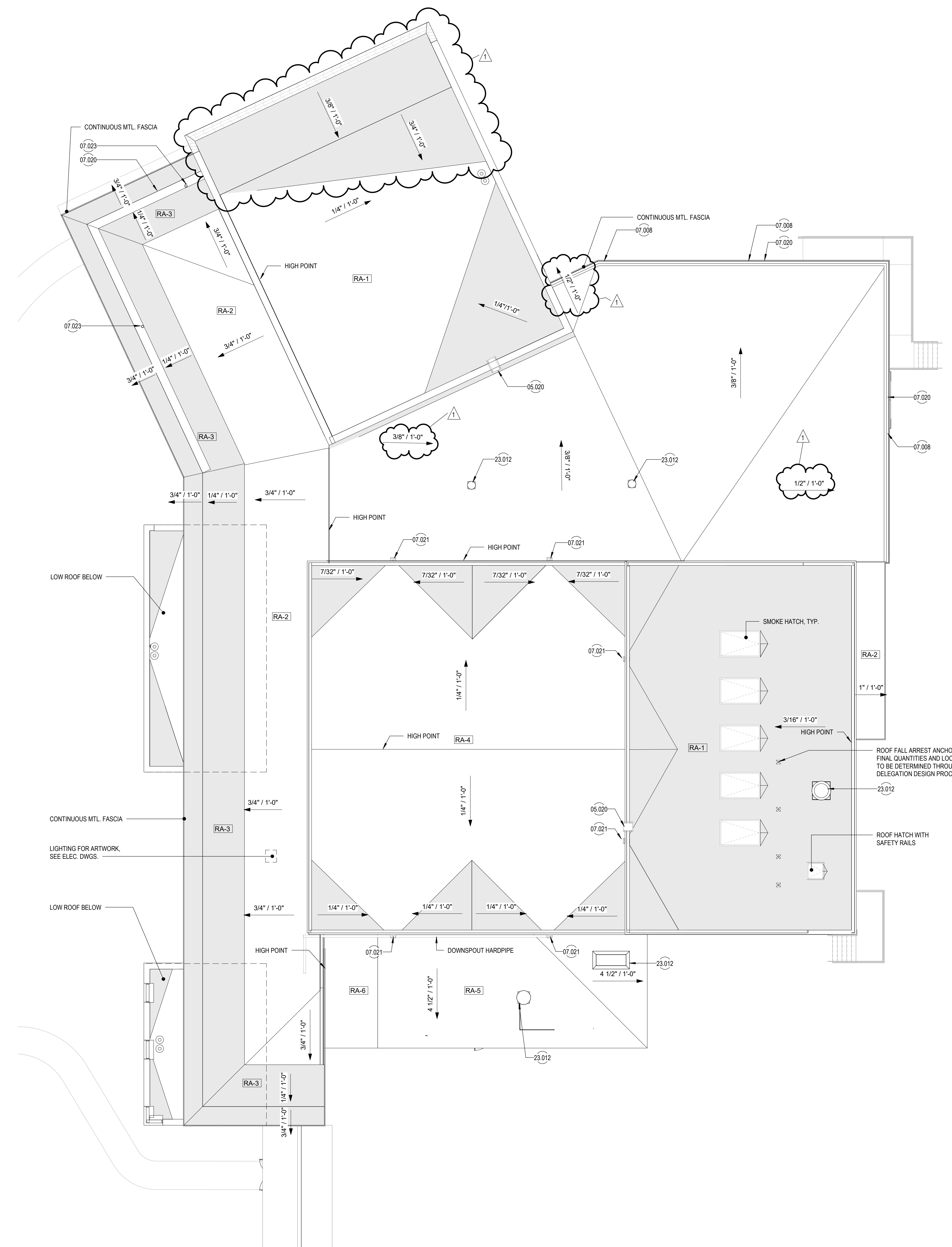
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Issue Date: 11/15/2019  
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56-18107-00  
ROOF PLAN OVERALL

**A401**



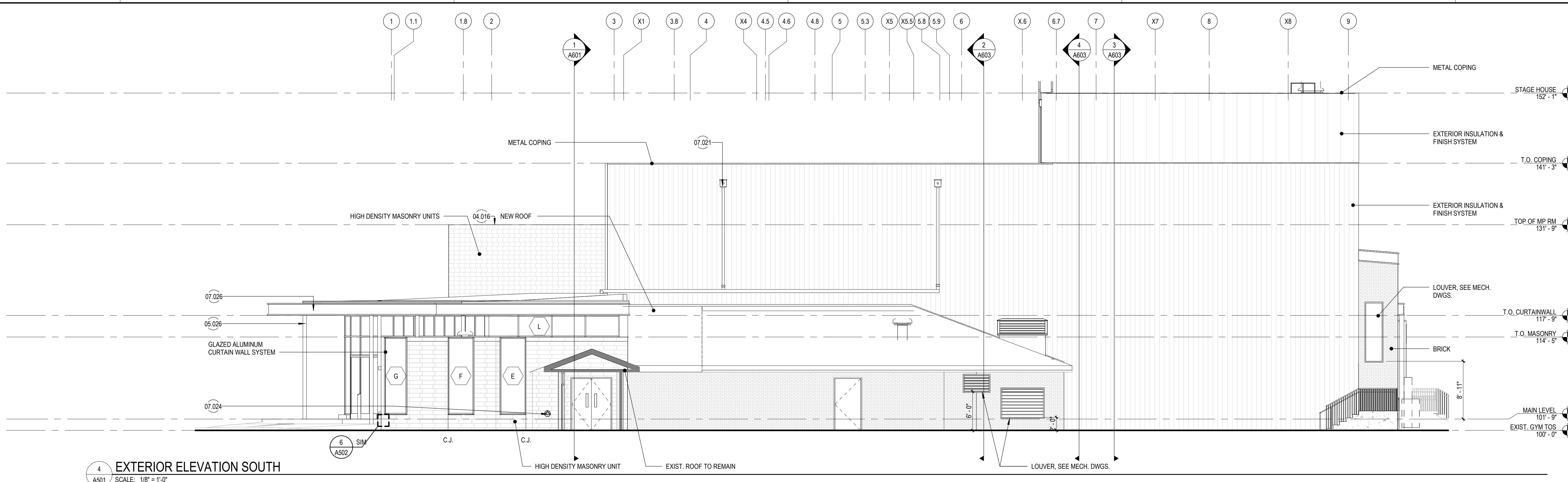
**2 ROOF PLAN LOW ROOF**  
SCALE: 3/32" = 1'-0"

**3 ROOF PLAN**  
SCALE: 3/32" = 1'-0"

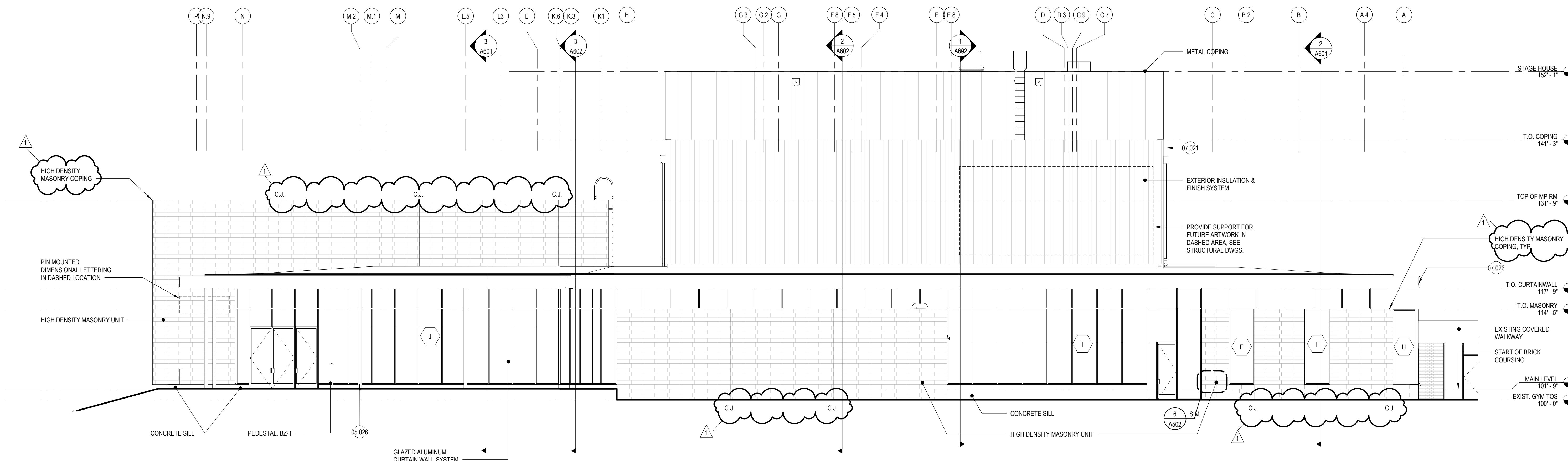


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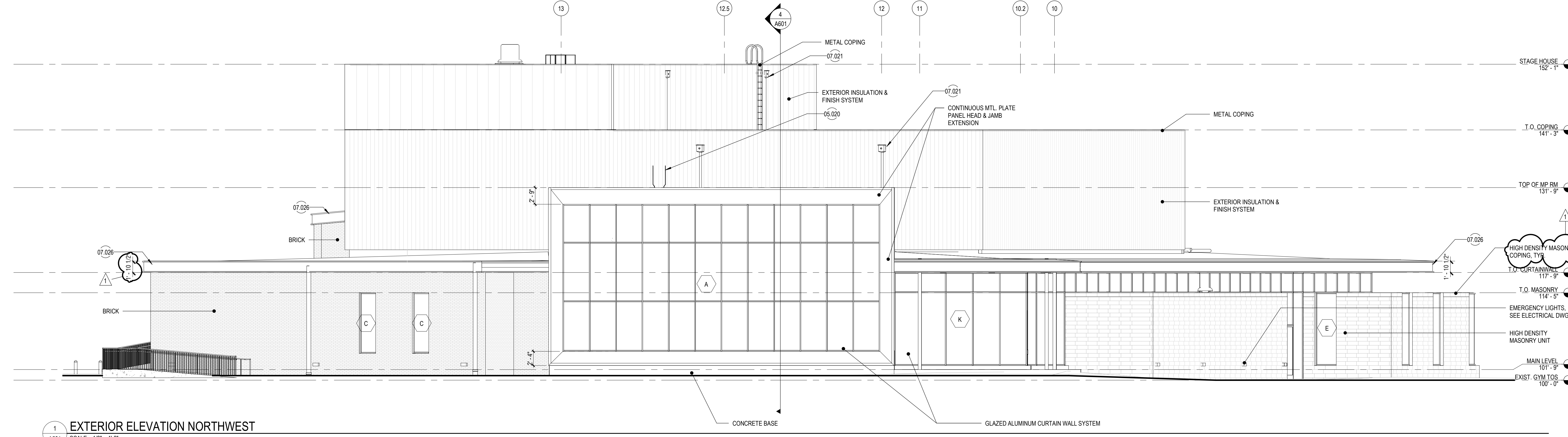
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4 EXTERIOR ELEVATION SOUTH  
A501 SCALE: 1/8" = 1'-0"



2 EXTERIOR ELEVATION WEST  
A501 SCALE: 1/8" = 1'-0"



1 EXTERIOR ELEVATION NORTHWEST  
A501 SCALE: 1/8" = 1'-0"

LEGEND NOTES

General Notes - Elevation

1. ALL ELEVATIONS RELATIVE TO THE FIRST LEVEL @ ELEV. 100'-0" REFER TO CIVIL FOR GRADING

Exterior Legend

- XXXXXX KEYED NOTE
- [Pattern] HIGH DENSITY MASONRY UNIT
- [Pattern] PAINTED METAL PANEL SYSTEM
- [Pattern] BRICK
- [Pattern] EXTERIOR INSULATION FINISH SYSTEM

KEYNOTE LEGEND

- 04.016 CAST STONE COPING
- 05.020 METAL LADDER
- 05.026 STRUCTURAL STEEL (BM, COL, TUBE, PLATE, ANGLE, CHANNEL)
- 07.021 SCUPPER AND DOWNSPOUT
- 07.024 OVERFLOW OUTLET
- 07.026 CONTINUOUS METAL FASCIA

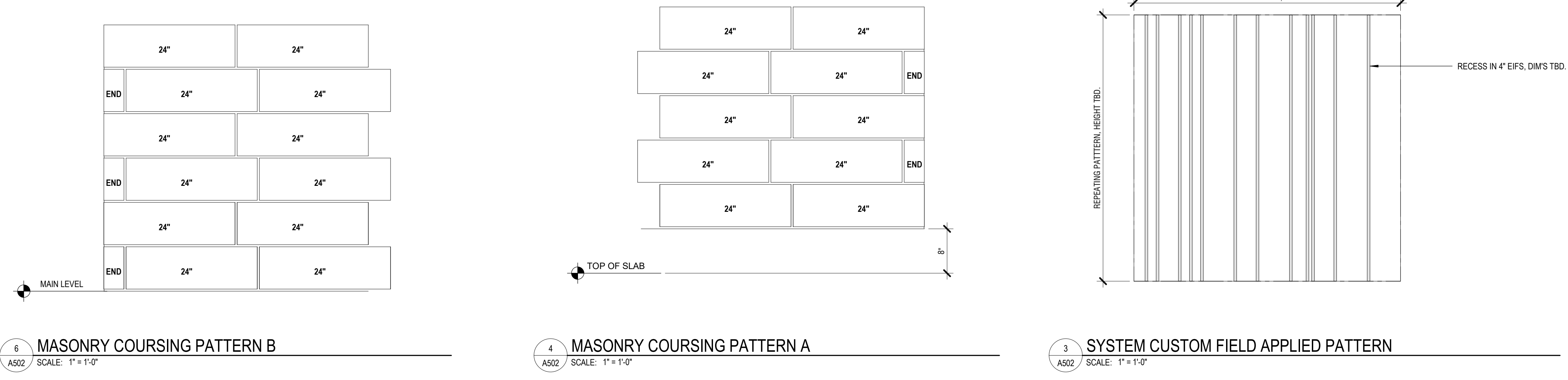
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GARRETT COLLEGE CEPAC  
687 MOSSER ROAD,  
MCHEENY, MD 21541

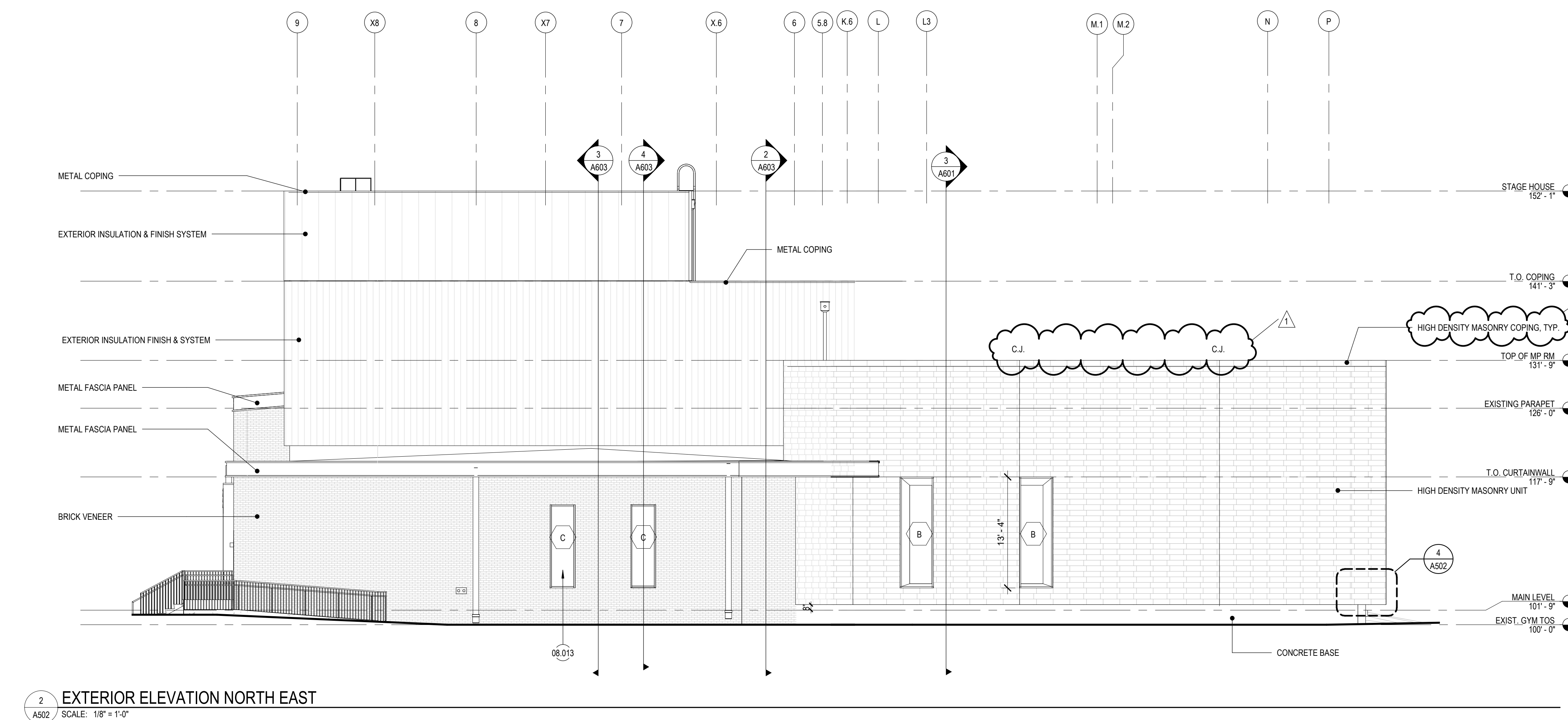
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1 ADDENDUM 01 12/11/2019

56-18107-00  
EXTERIOR ELEVATIONS

A501



**LEGEND NOTES**  
General Notes - Elevation  
1. ALL ELEVATIONS RELATIVE TO THE FIRST LEVEL @ ELEV. 100'-0" REFER TO CIVIL FOR GRADING



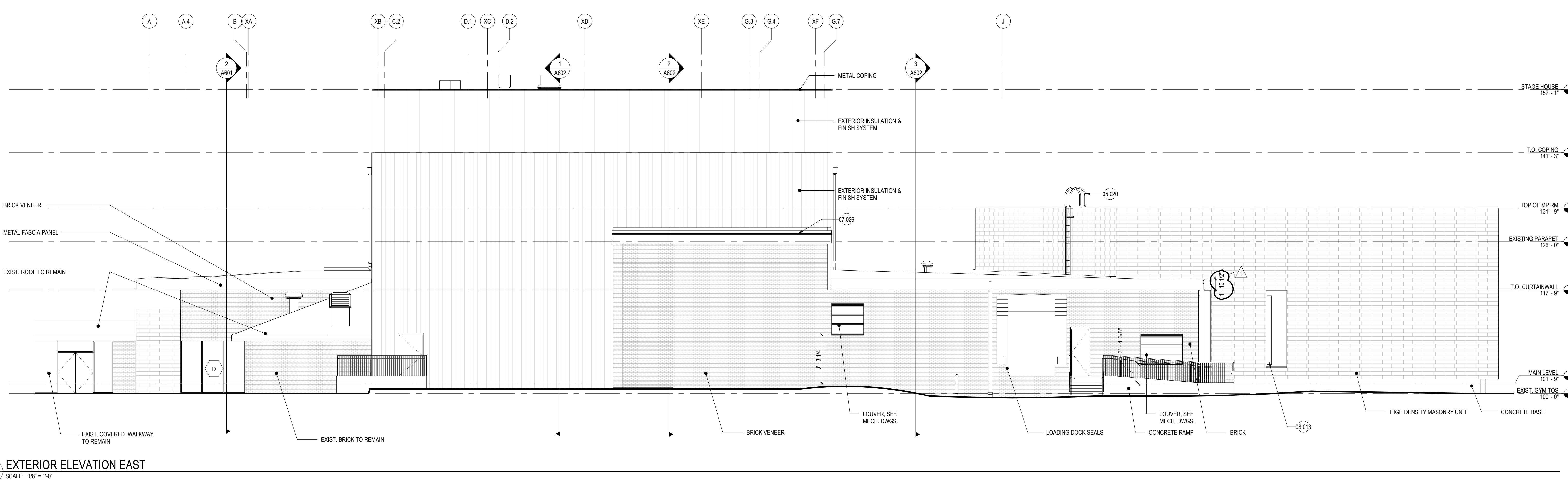
**Exterior Legend**

XXXXXX,XX KEYED NOTE

- HIGH DENSITY MASONRY UNIT
- PAINTED METAL PANEL SYSTEM
- BRICK
- EXTERIOR INSULATION FINISH SYSTEM

**KEYNOTE LEGEND**

- 05.020 METAL LADDER
- 07.026 CONTINUOUS METAL FASCIA
- 08.013 GLAZED ALUMINUM CURTAIN WALL



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MCKENRY, MD 21541

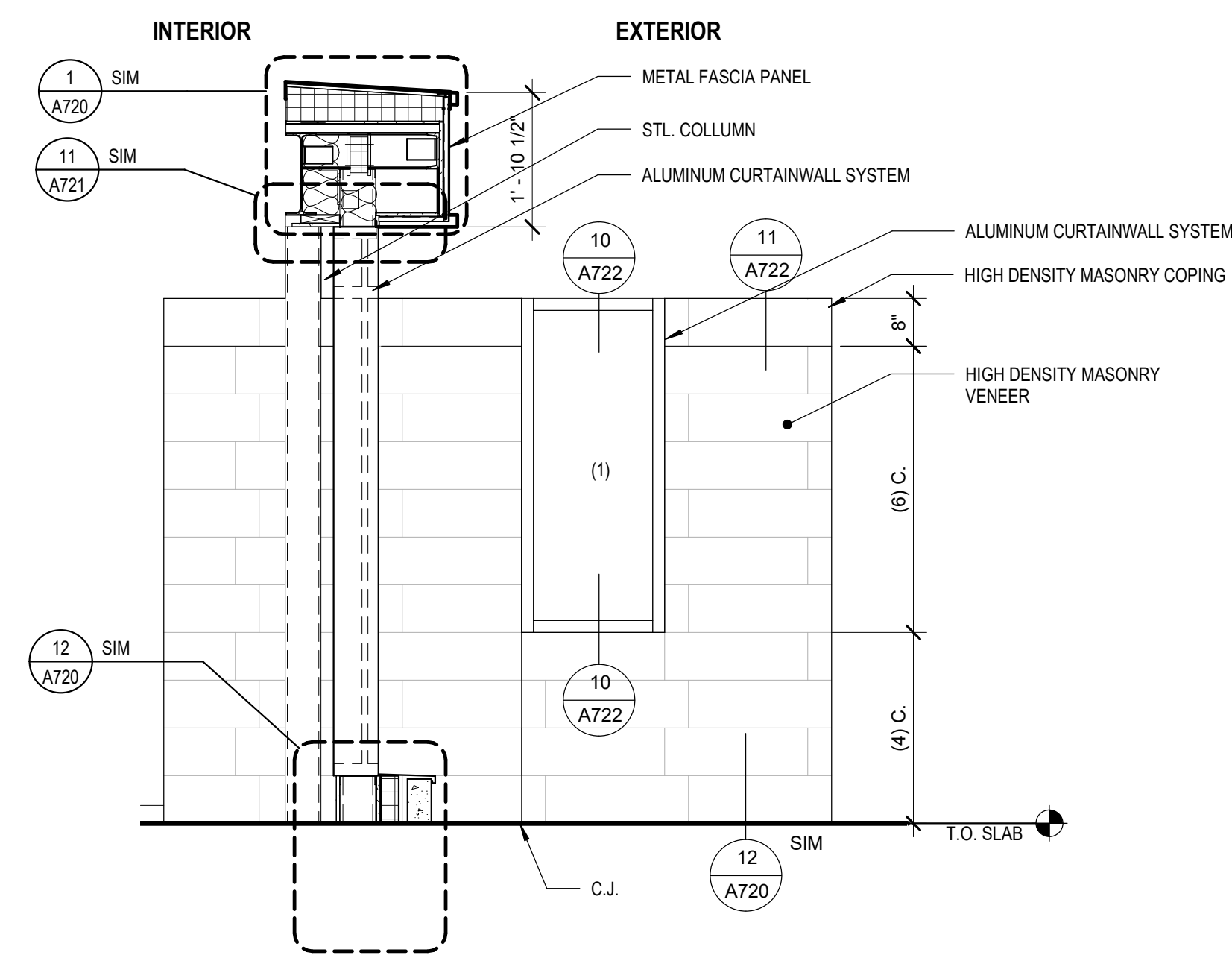
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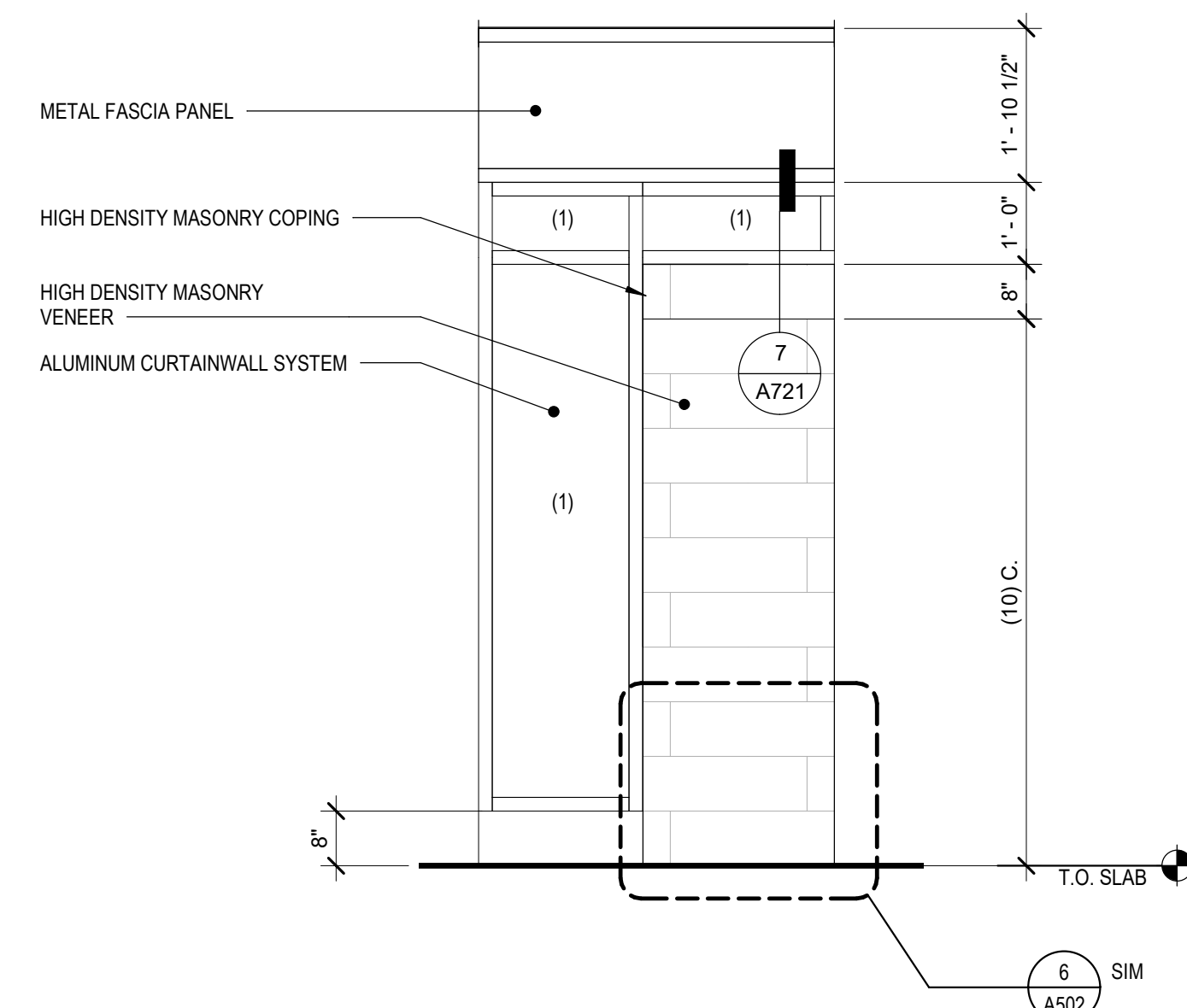
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MOCKUP ELEVATIONS AND PLANS

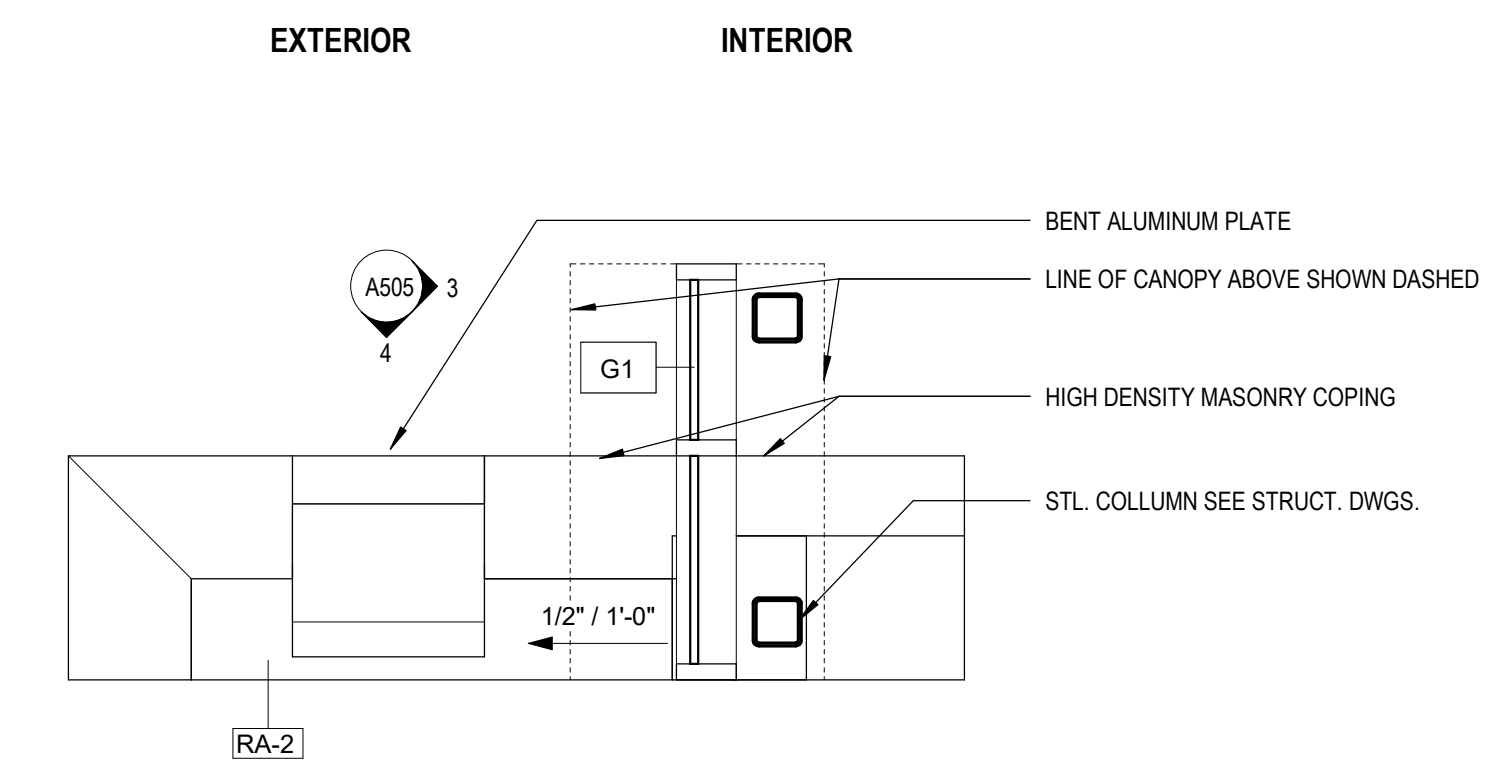
A505



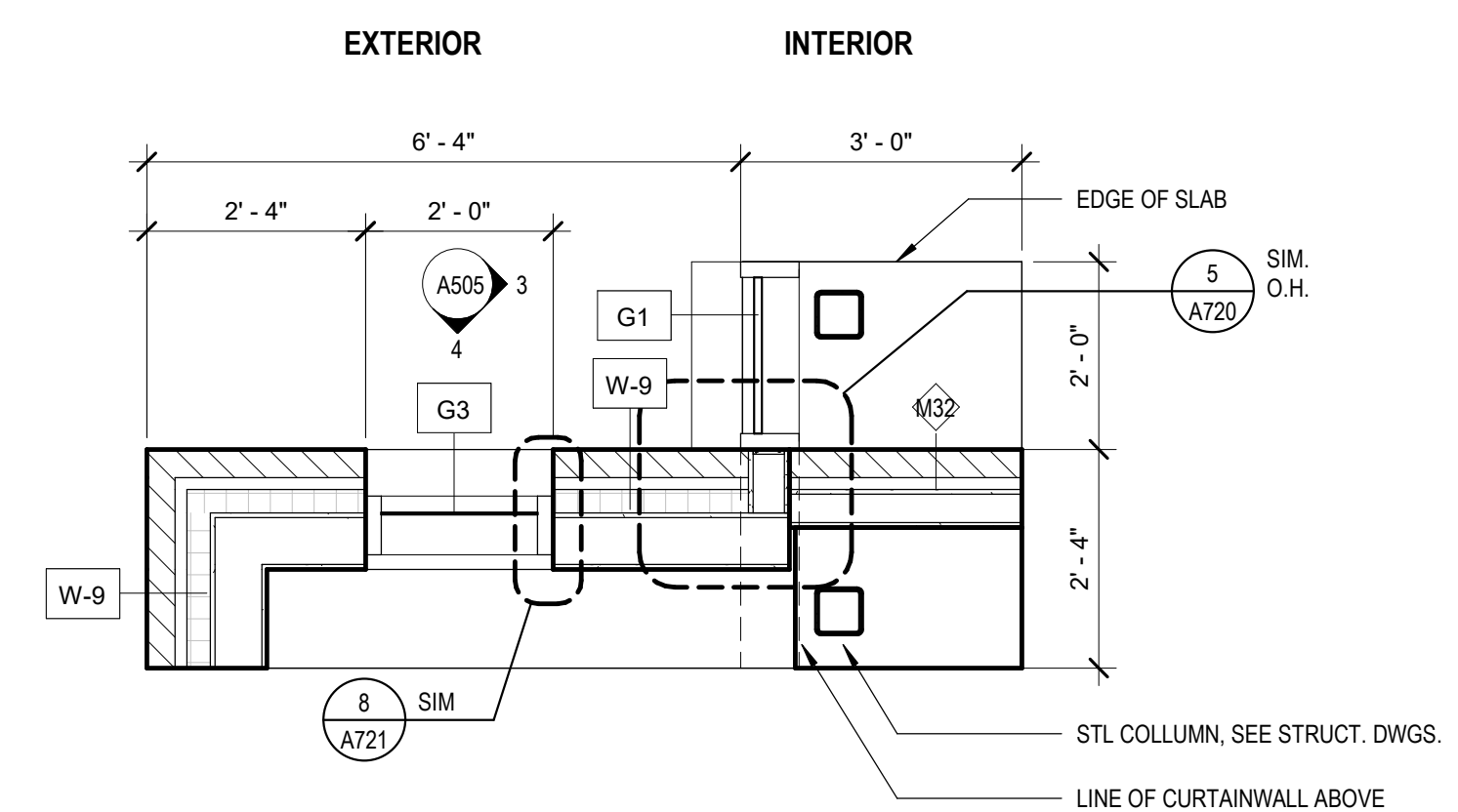
4 MOCKUP ELEVATION-S  
A505 SCALE: 1/2" = 1'-0"



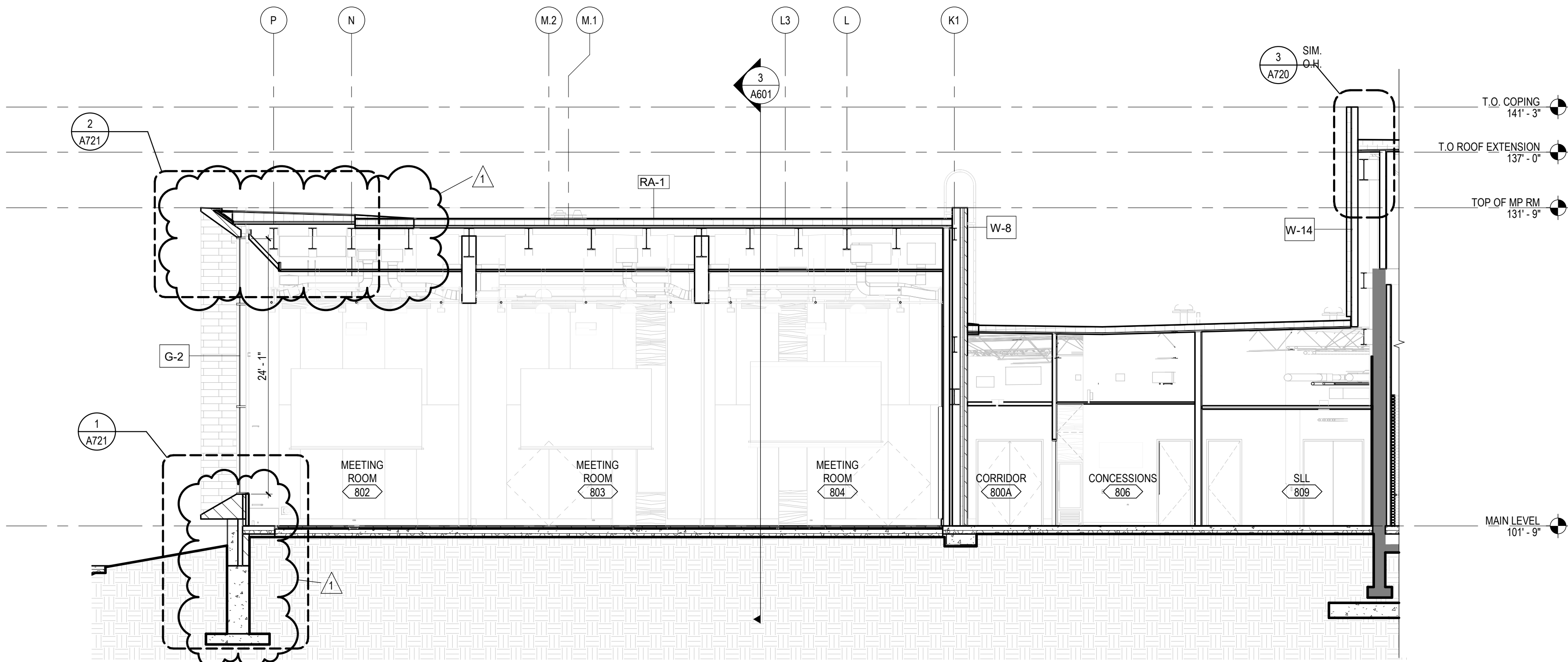
3 MOCKUP ELEVATION-E  
A505 SCALE: 1/2" = 1'-0"



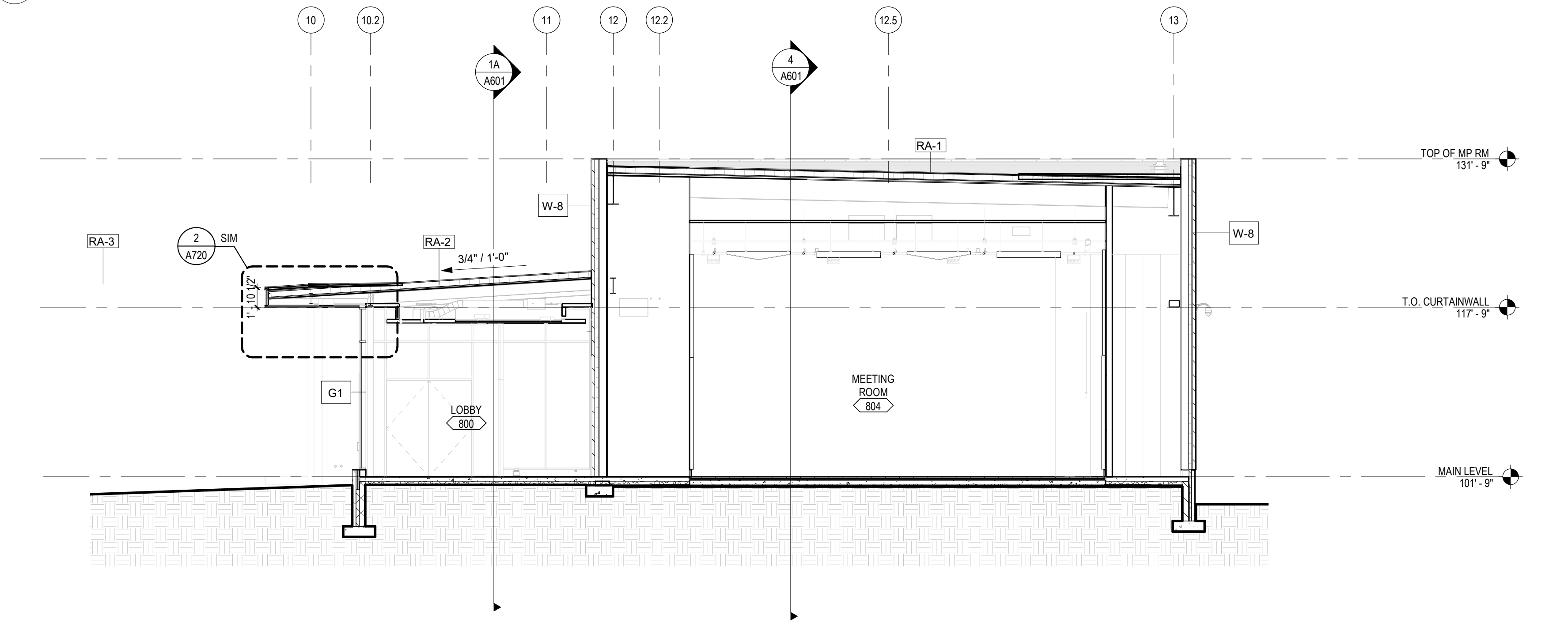
2 BUILDING MOCKUP LOW ROOF PLAN  
A505 SCALE: 1/2" = 1'-0"



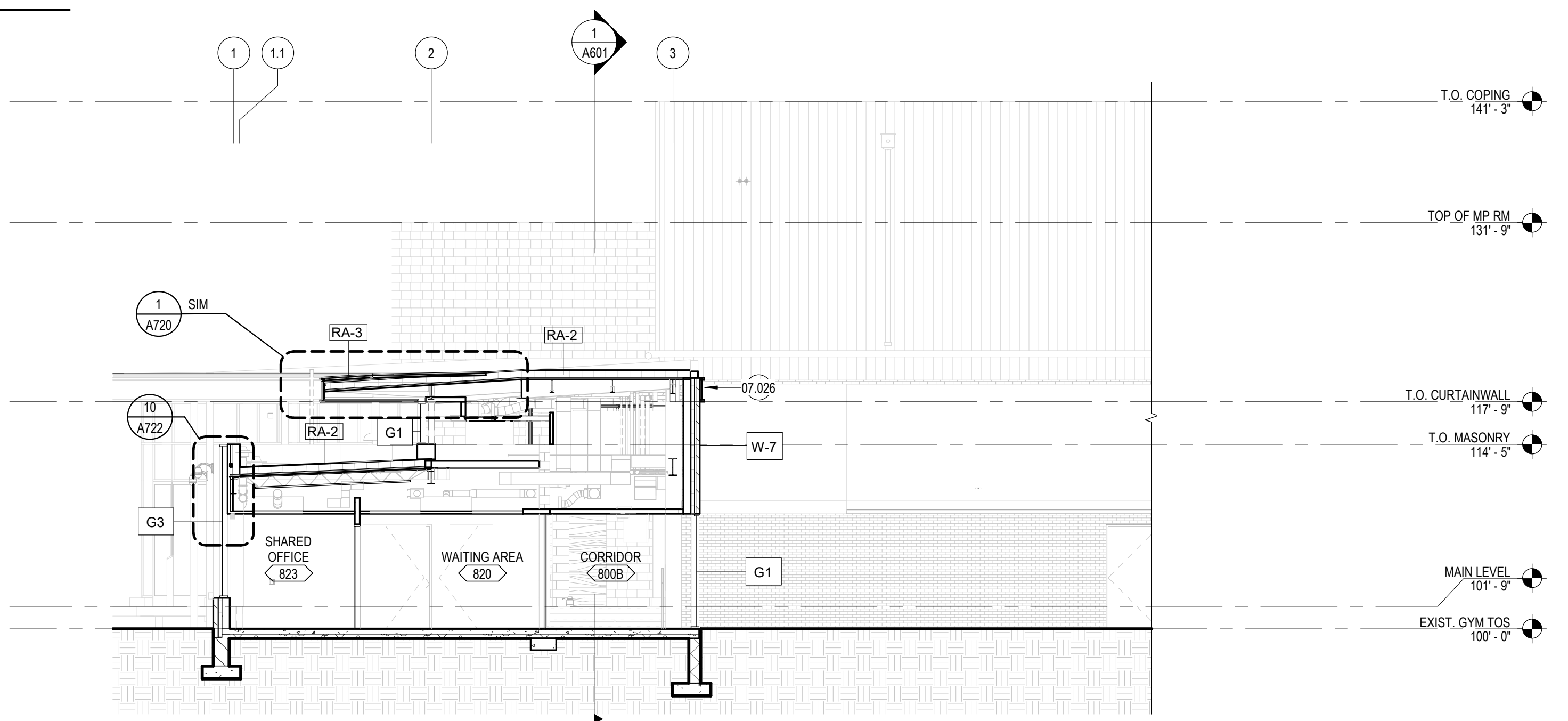
1 BUILDING MOCKUP PLAN  
A505 SCALE: 1/2" = 1'-0"



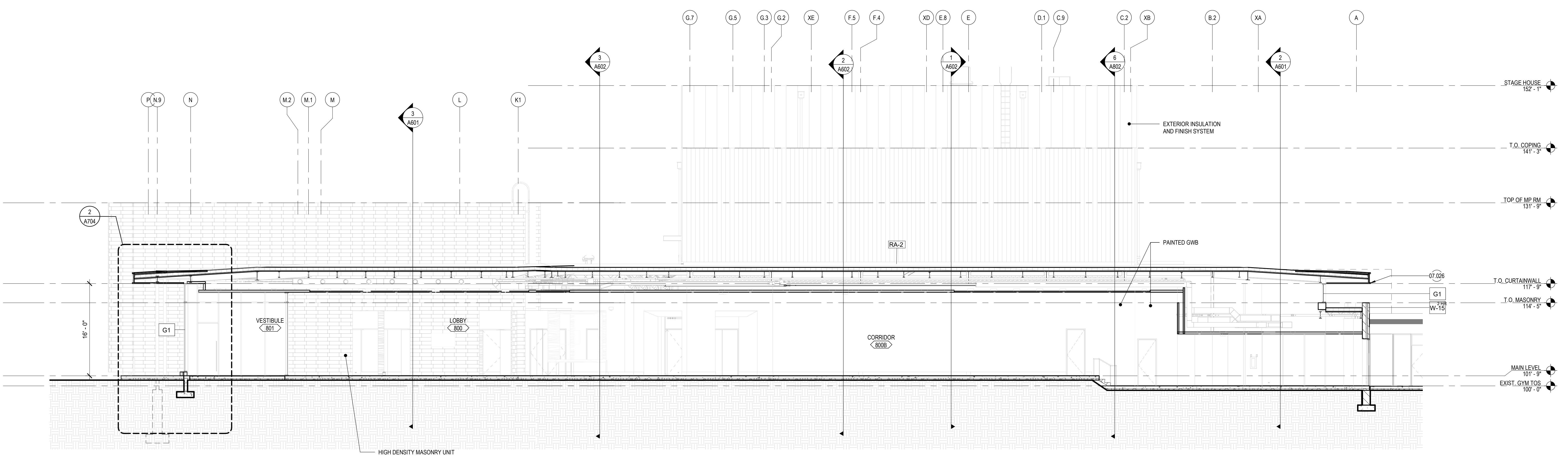
4 BUILDING SECTION OF MULTI-PURPOSE ROOM  
SCALE: 1/8" = 1'-0"



3 BUILDING SECTION OF LOBBY AND MULTI PURPOSE ROOM  
SCALE: 1/8" = 1'-0"



2 BUILDING SECTION OF OFFICES  
SCALE: 1/8" = 1'-0"



1 BUILDING SECTION OF LOBBY  
SCALE: 1/8" = 1'-0"

LEGEND NOTES

ROOF LEGEND SEE A710

- RA-1 60 MIL FULLY ADHERED THERMOPLASTIC ROOF SYSTEM OVER STAGE HOUSE / MULTI PURPOSE ROOM
- RA-2 60 MIL FULLY ADHERED THERMOPLASTIC ROOF SYSTEM AT CANTILEVER
- RA-3 60 MIL FULLY ADHERED THERMOPLASTIC ROOF SYSTEM OVER LOBBY/ OFFICES/ BACK OF HOUSE/ RESTROOMS
- RA-4 60 MIL FULLY ADHERED THERMOPLASTIC ROOF SYSTEM OVER AUDIENCE CHAMBER
- RA-5 ASPHALT SHINGLED ROOF OVER EXISTING STRUCTURE & SUBSTRATE AT PIANO LAB AND MECHANICAL ROOMER EXISTING SUBSTRATE AT PIANO LAB AND MECHANICAL ROOM
- RA-6 SAME AS ROOF TYPE "RA-5" EXCEPT NEW ROOF STRUCTURE, NEW METAL DECK AND LIGHTWEIGHT CONCRETE TO MATCH ROOF "RA-5"

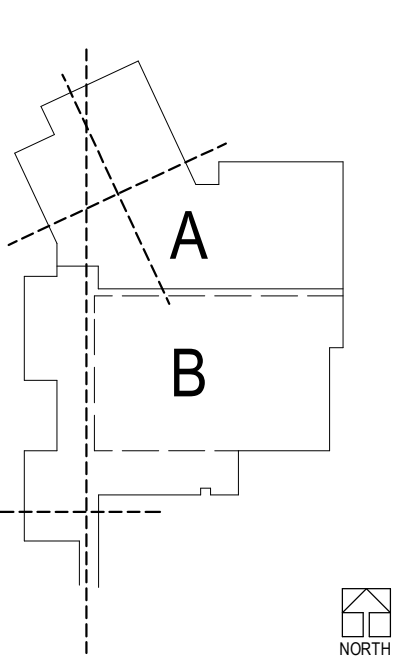
EXTERIOR WALL LEGEND SEE A710

- W-1 EXISTING MASONRY WALL BELOW GRADE
- W-2 EXISTING MASONRY WALL
- W-3 EXISTING MASONRY WALL AND NEW 4" DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM
- W-4 CMU WALL BELOW GRADE
- W-5 CMU WALL BELOW GRADE
- W-6 CMU AND 4" DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM
- W-7 CFMF AND HIGH DENSITY UNIT VENEER
- W-8 CFMF AND HIGH DENSITY UNIT VENEER
- W-9 CFMF AND HIGH DENSITY UNIT VENEER
- W-9.1 CFMF AND HIGH DENSITY UNIT VENEER
- W-10 CFMF AND HIGH DENSITY UNIT VENEER
- W-11 CMU AND BRICK VENEER
- W-11.1 CMU AND BRICK VENEER
- W-12 CFMF AND COMPOSITE METAL PANEL
- W-13 4" DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM ON CFMF BACKUP
- W-14 4" DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM ON CFMF BACKUP
- W-15 CMU AND HIGH DENSITY UNIT VENEER

KEYNOTE LEGEND

- 07.026 CONTINUOUS METAL FASCIA

KEY PLAN



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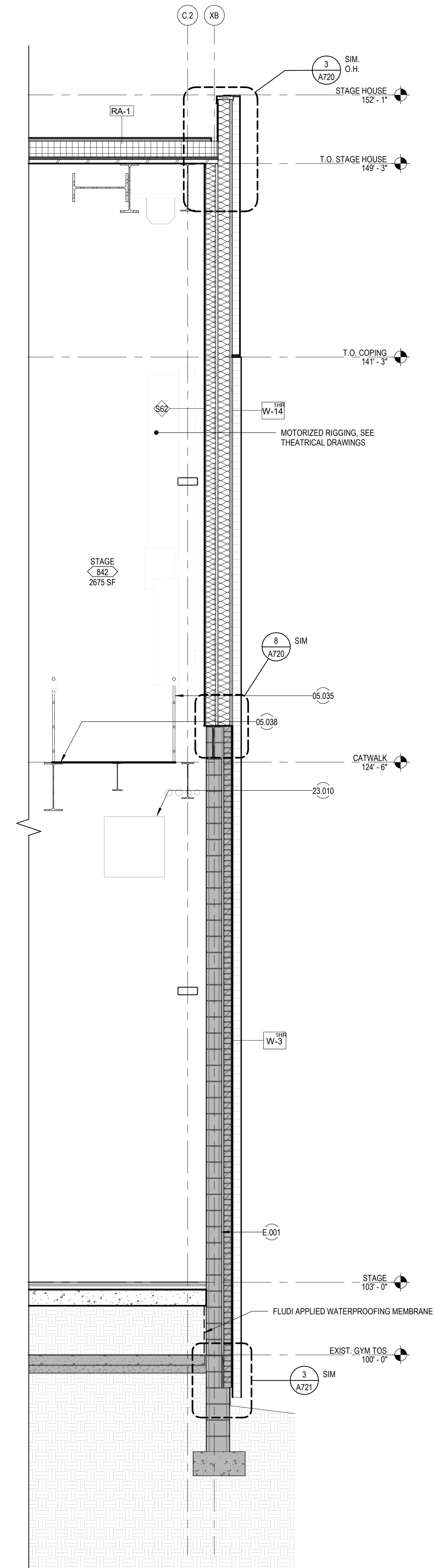
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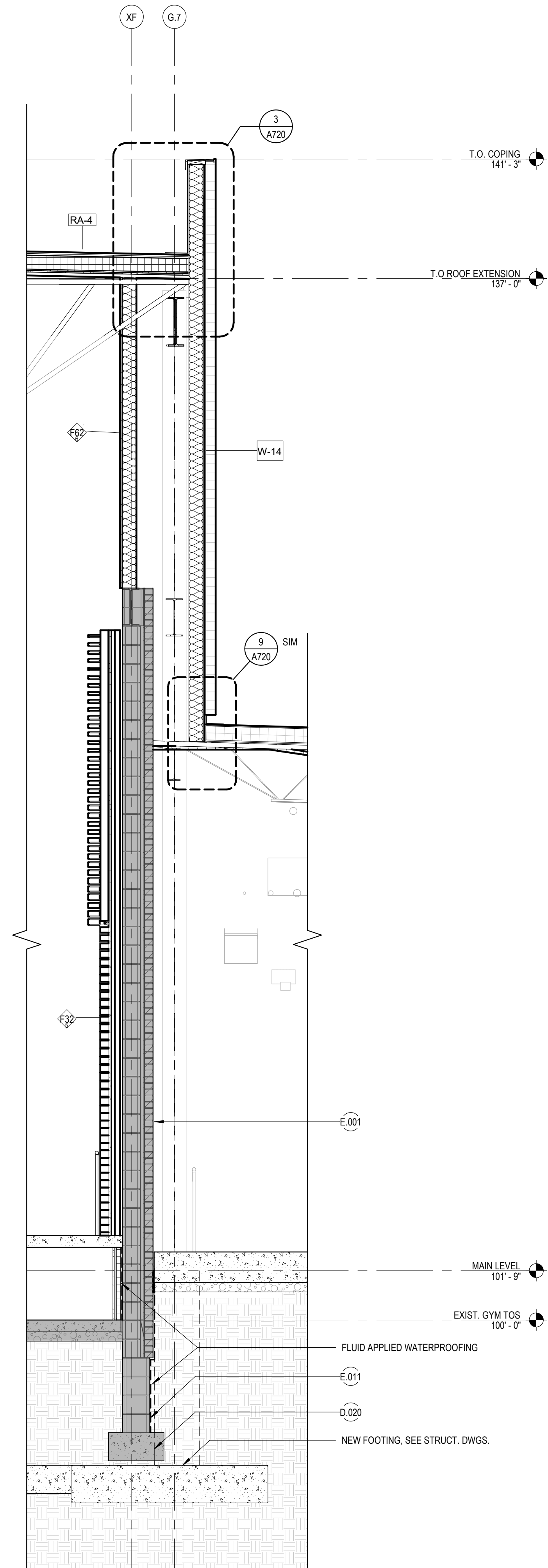
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BUILDING SECTIONS

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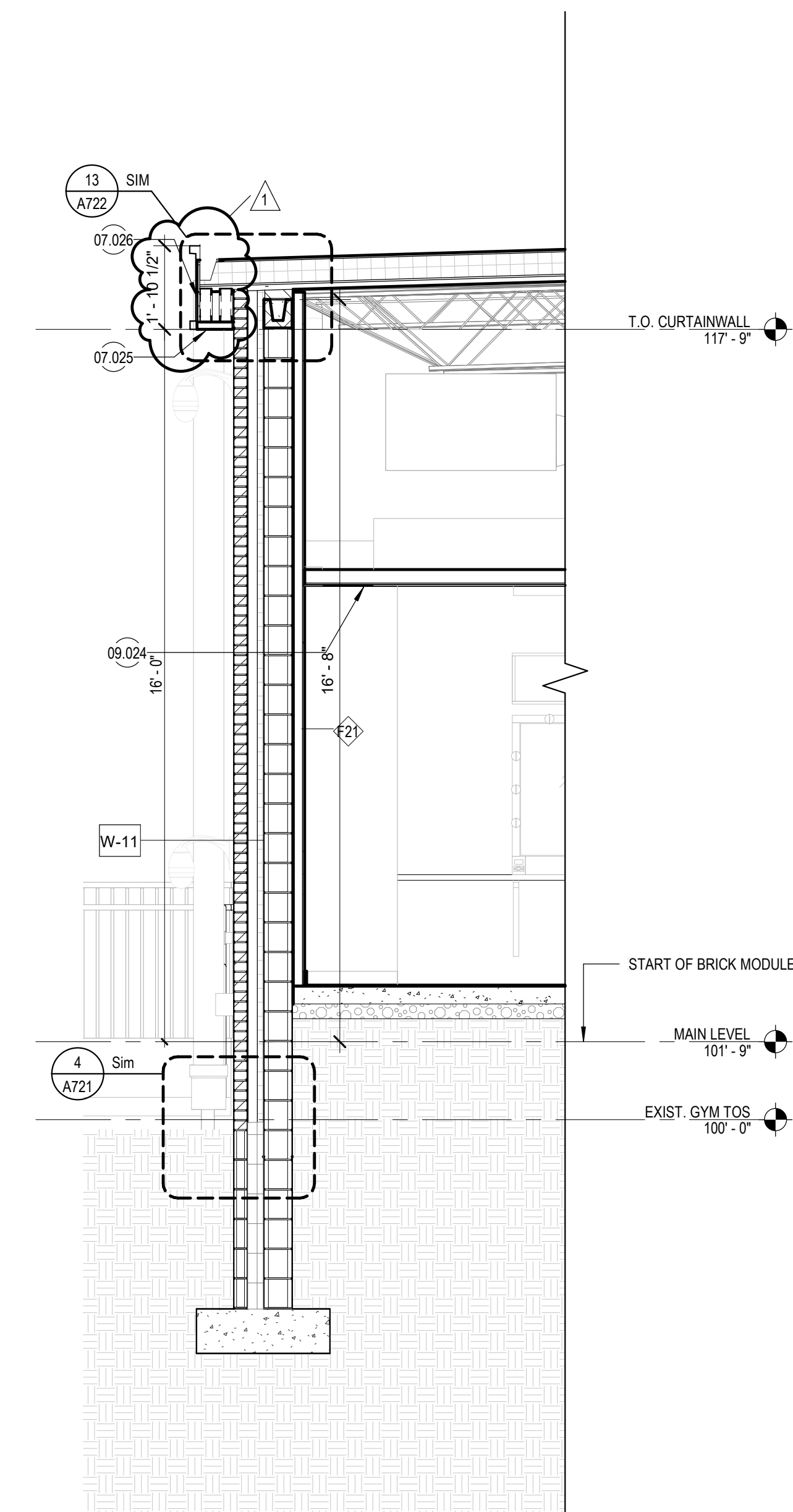
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3 WALL SECTION COLUMN INBOARD  
A701 SCALE: 3/8" = 1'-0"



2 WALL SECTION AT BACK OF HOUSE AND THEATER  
A701 SCALE: 3/8" = 1'-0"



1 WALL SECTION BACK OF HOUSE  
A701 SCALE: 3/8" = 1'-0"

**LEGEND NOTES**

**ROOF LEGEND SEE A710**

- RA-1 60 MIL FULLY ADHERED THERMOPLASTIC ROOF SYSTEM OVER STAGE HOUSE / MULTI PURPOSE ROOM
- RA-2 80 MIL FULLY ADHERED THERMOPLASTIC ROOF SYSTEM OVER LOBBY/ OFFICES/ BACK OF HOUSE/ RESTROOMS
- RA-3 80 MIL FULLY ADHERED THERMOPLASTIC ROOF SYSTEM AT CANTILEVER
- RA-4 80 MIL FULLY ADHERED THERMOPLASTIC ROOF SYSTEM OVER AUDIENCE CHAMBER
- RA-5 ASPHALT SHINGLED ROOF OVER EXISTING STRUCTURE & SUBSTRATE AT PIANO LAB AND MECHANICAL ROOMER EXISTING SUBSTRATE AT PIANO LAB AND MECHANICAL ROOM
- RA-6 SAME AS ROOF TYPE "RA-5" EXCEPT NEW ROOF STRUCTURE, NEW METAL DECK AND LIGHTWEIGHT CONCRETE TO MATCH ROOF "RA-5"

**EXTERIOR WALL LEGEND SEE A710**

- W-1 EXISTING MASONRY WALL BELOW GRADE
- W-2 EXISTING MASONRY WALL
- W-3 EXISTING MASONRY WALL AND NEW 4" DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM
- W-4 CMU WALL BELOW GRADE
- W-5 CMU WALL BELOW GRADE
- W-6 CMU AND 4" DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM
- W-7 CFMF AND HIGH DENSITY UNIT VENEER
- W-8 CFMF AND HIGH DENSITY UNIT VENEER
- W-9 CFMF AND HIGH DENSITY UNIT VENEER
- W-9.1 CFMF AND HIGH DENSITY UNIT VENEER
- W-10 CFMF AND HIGH DENSITY UNIT VENEER
- W-11 CMU AND BRICK VENEER
- W-11.1 CMU AND BRICK VENEER
- W-12 CFMF AND COMPOSITE METAL PANEL
- W-13 4" DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM ON CFMF BACKUP
- W-14 4" DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM ON CFMF BACKUP
- W-15 CMU AND HIGH DENSITY UNIT VENEER

**KEYNOTE LEGEND**

- 05.035 STEEL PIPE AND TUBE RAILINGS
- 05.038 STEEL DIAMOND PLATE
- 07.025 METAL SOFFIT PANEL
- 07.026 CONTINUOUS METAL FASCIA
- 09.024 CEILING AS SCHEDULED - SEE REFLECTED CEILING PLAN
- 23.010 DUCTWORK - SEE MECHANICAL
- D.020 REMOVAL SECTION OF FOOTING FOR NEW FOOTING, REFER TO STRUCTURAL DRAWINGS
- E.001 EXISTING TO REMAIN
- E.011 EXISTING FOUNDATION TO REMAIN



NOT FOR CONSTRUCTION

GARRETT COLLEGE CEPAC

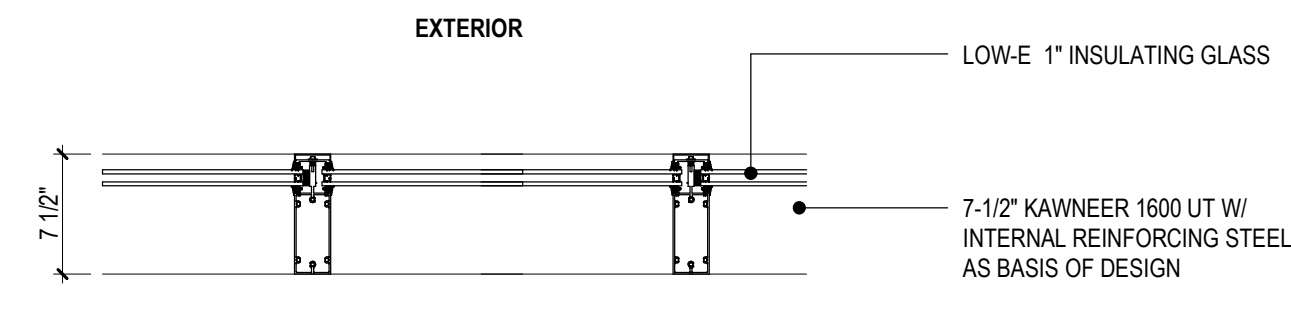
687 MOSSER ROAD,  
MCHEENY, MD 21541

ISSUED FOR BID AND PERMIT

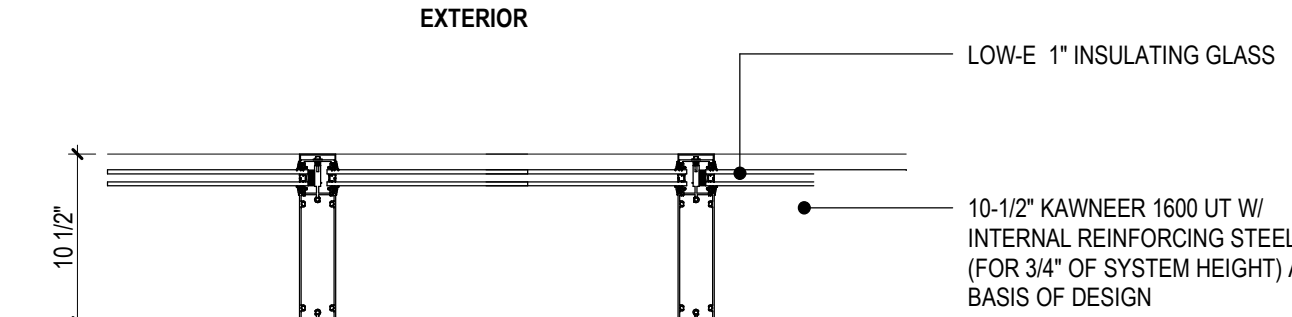
Issue Date: 11/15/2019  
Revisions  
1 ADDENDUM 01 12/11/2019

56-18107-00  
WALL SECTIONS

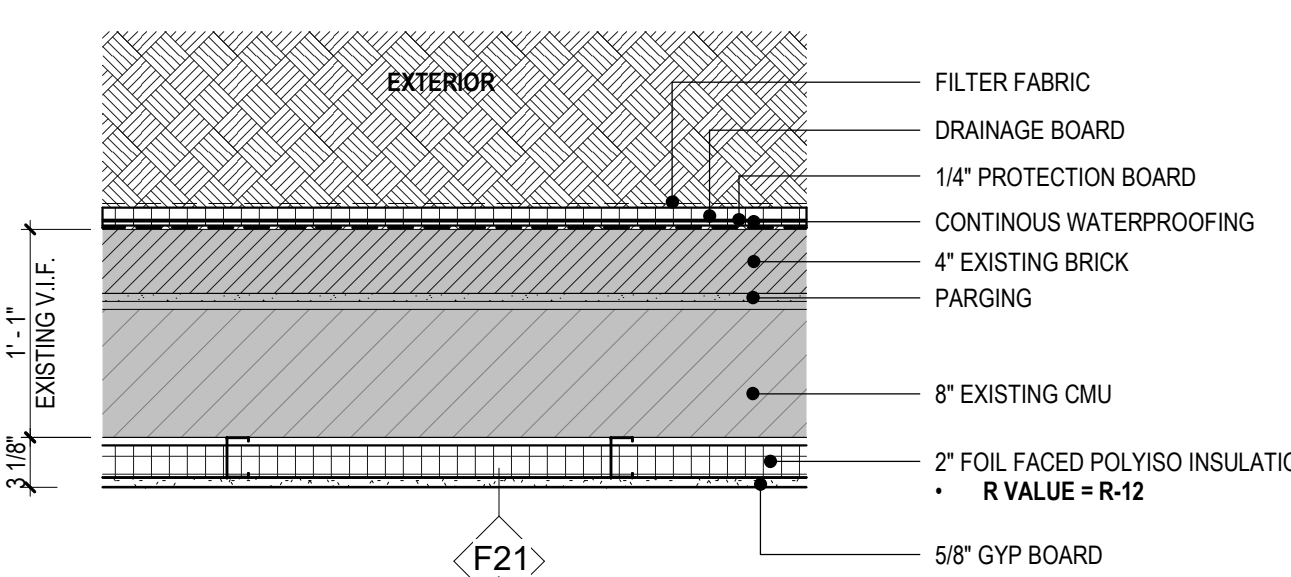
A701



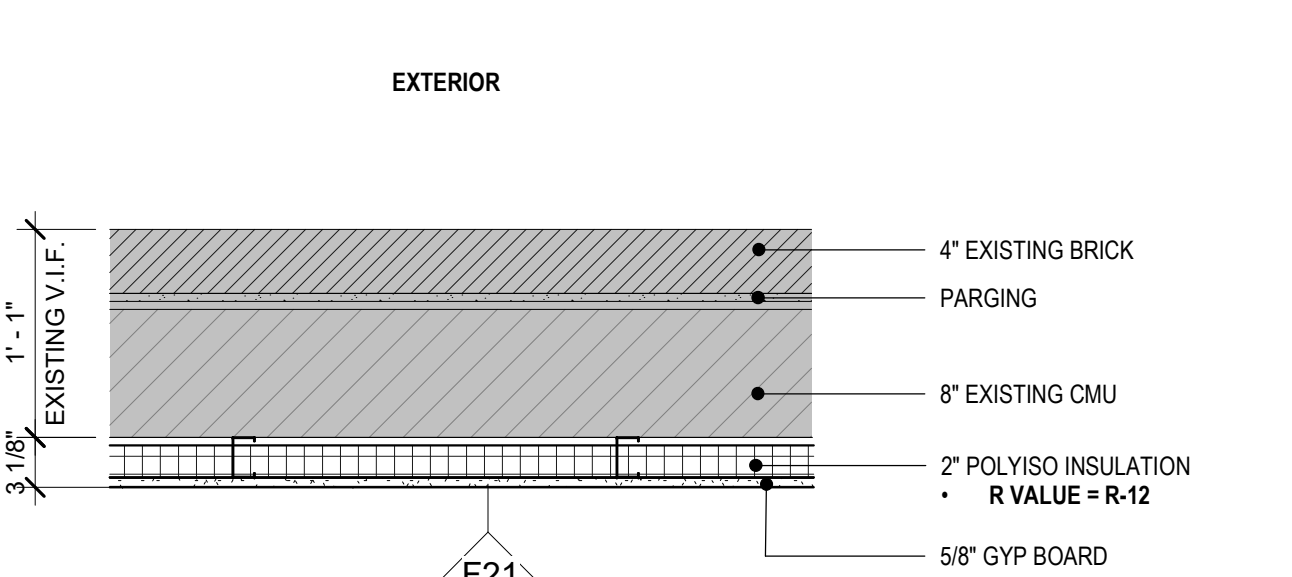
G1 CURTAINWALL SYSTEM  
G3 CURTAINWALL SYSTEM AWE AS G-1 WITHOUT INTERNAL REINFORCING STEEL



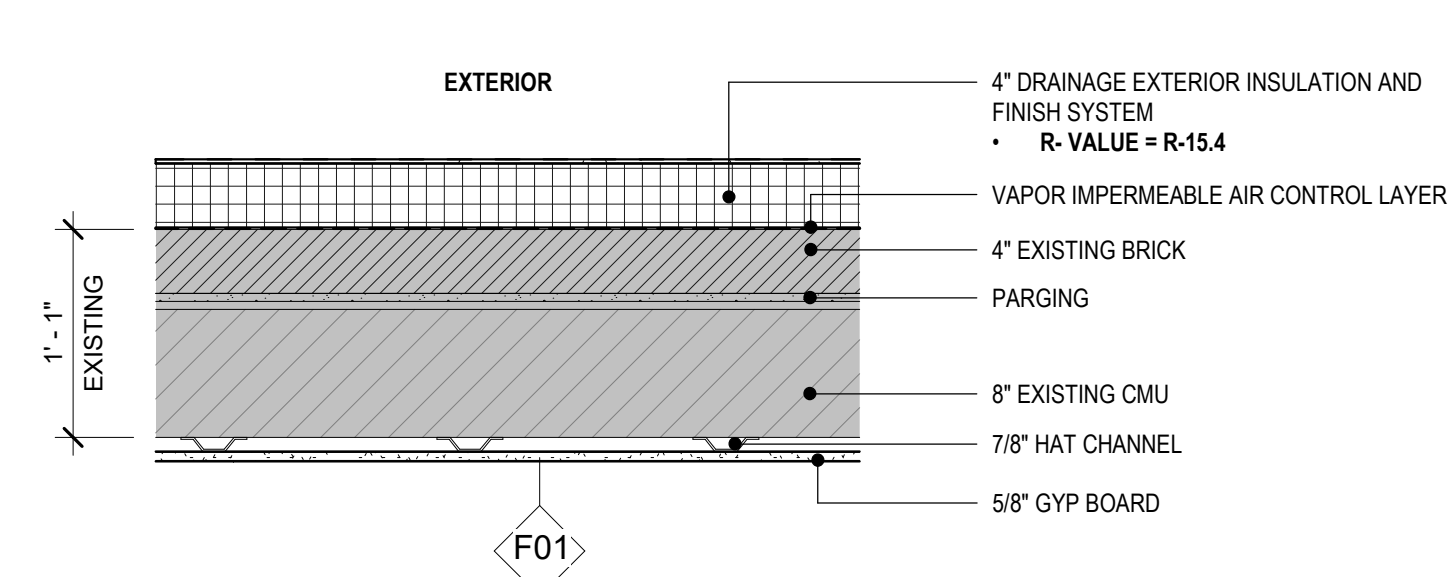
G2 CURTAINWALL SYSTEM



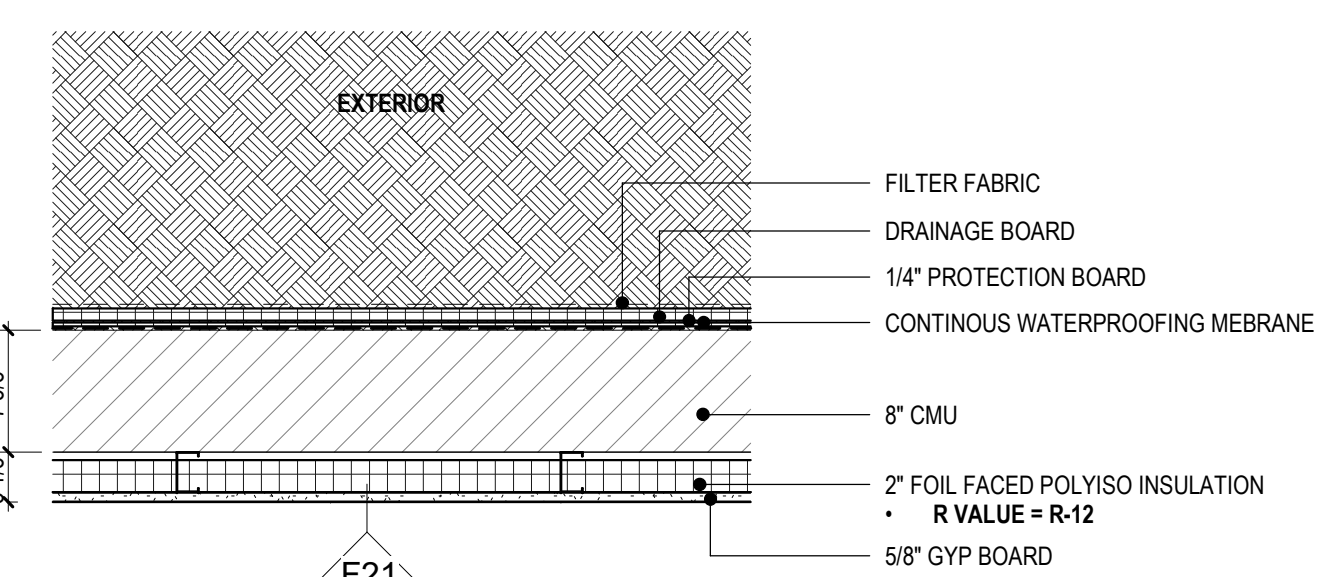
W-1 EXISTING MASONRY WALL BELOW GRADE



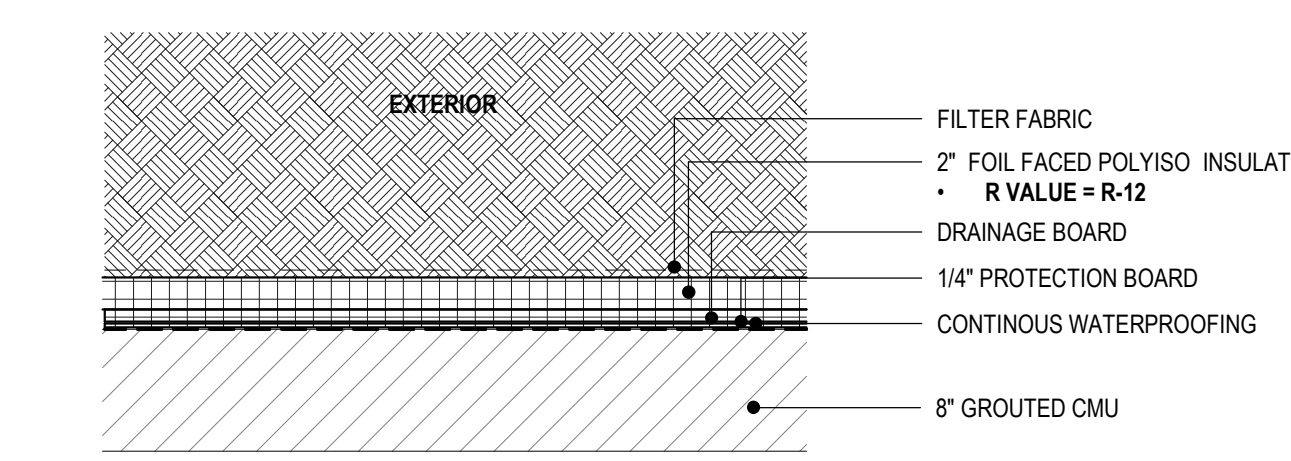
W-2 EXISTING MASONRY WALL  
W-2 1 HR RATED EXISTING MASONRY WALL (SIMILAR TO U912 BUT 1 HR RATED)



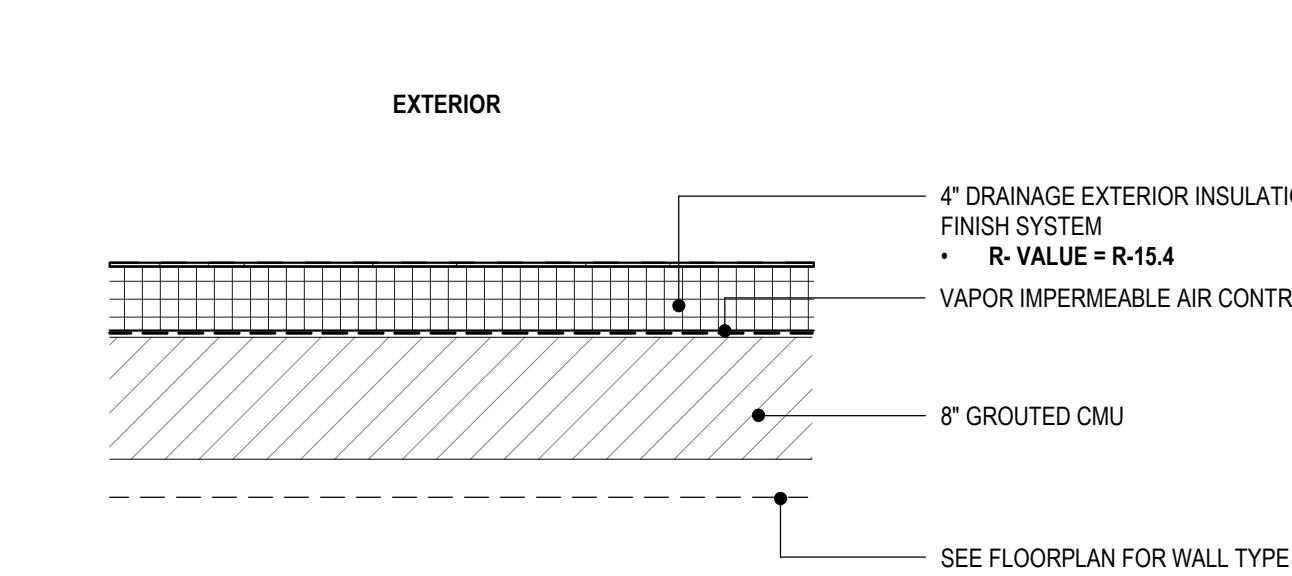
W-3 EXISTING MASONRY WALL AND NEW 4" DRAINAGE EXTERIOR INSULATION FINISH SYSTEM  
W-3 1 HR RATED EXISTING MASONRY WALL (SIMILAR TO U914 BUT 1 HR RATED) AND NEW 4" DRAINAGE EXTERIOR INSULATION FINISH SYSTEM (ASTM E 119, NFPA 285, UBC Std. 26-4, NFPA 285)



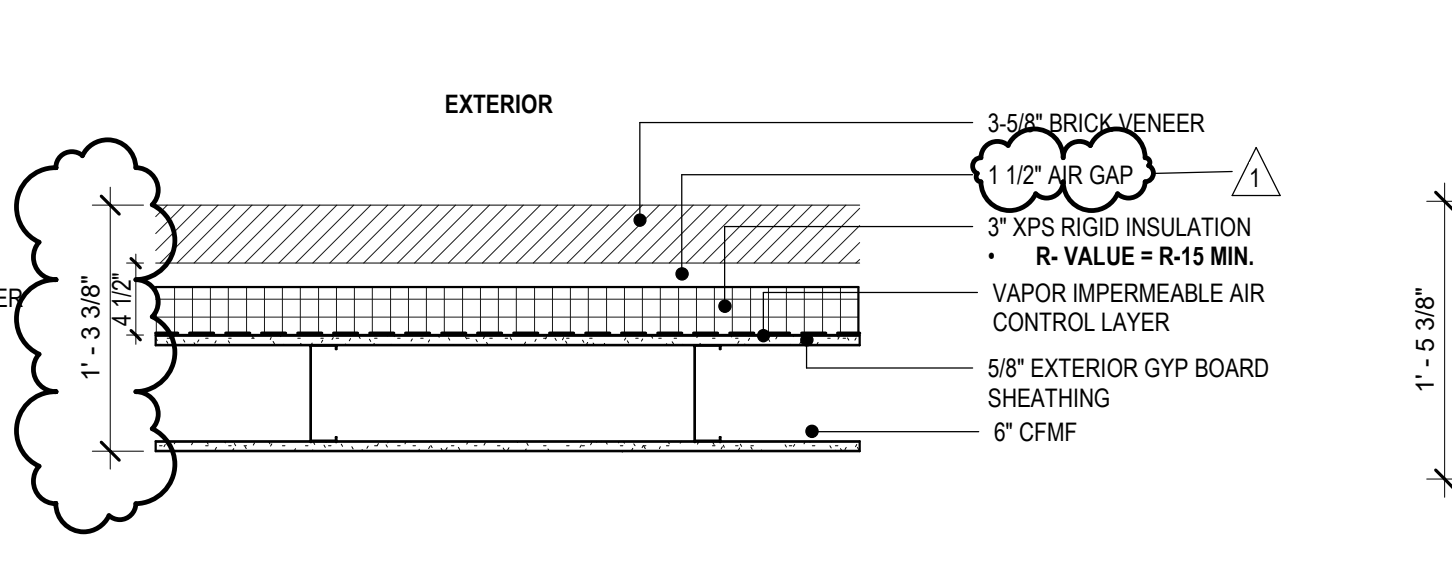
W-4 CMU WALL BELOW GRADE



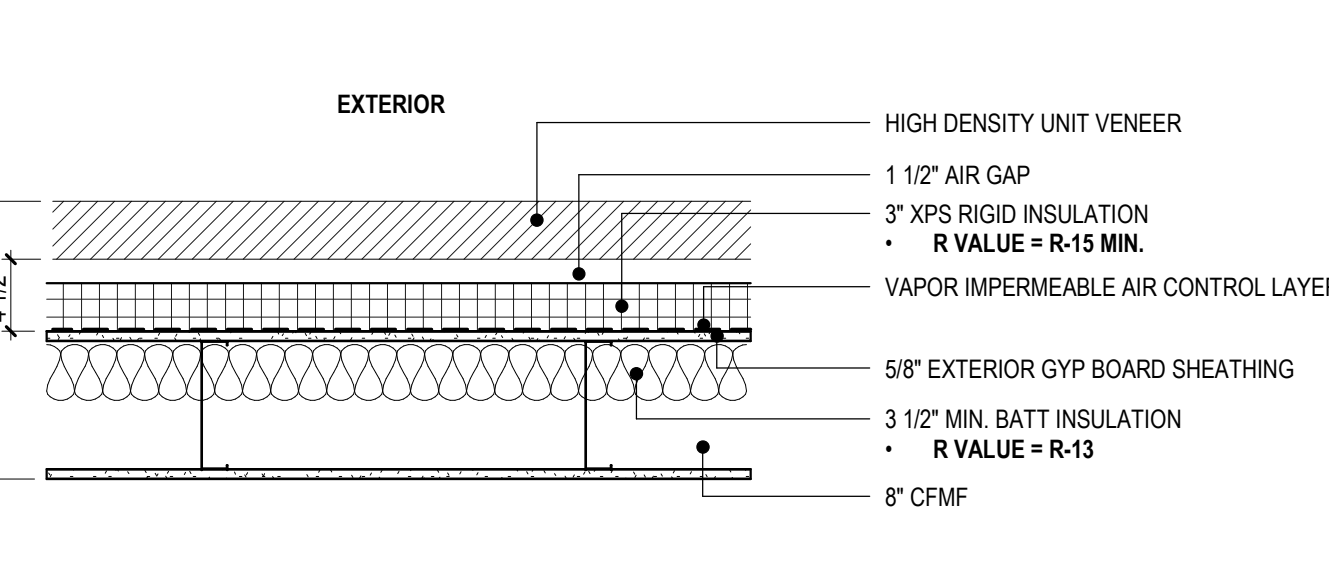
W-5 CMU WALL BELOW GRADE



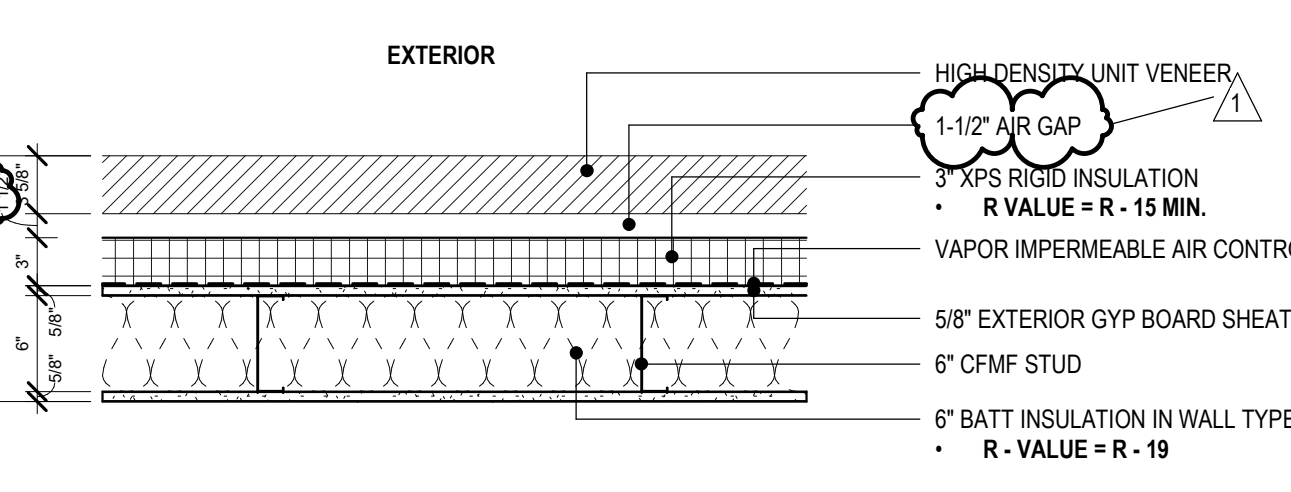
W-6 CMU AND 4" DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM



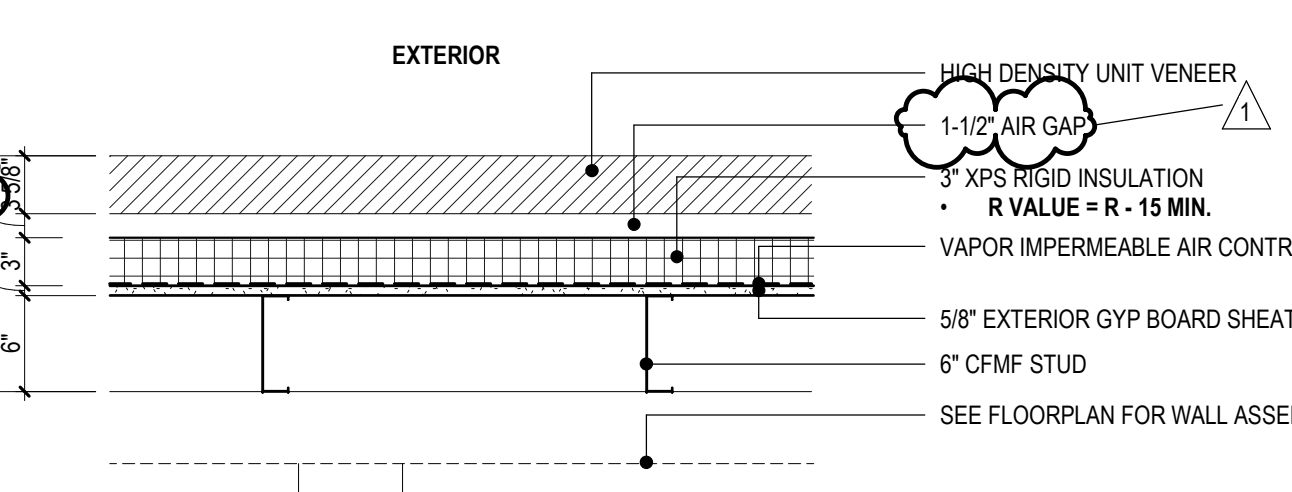
W-7 CFMF AND BRICK VENEER WALL  
ENERGY CODE COMPLIANCE U - FACTOR METHOD U - VALUE = U-0.055



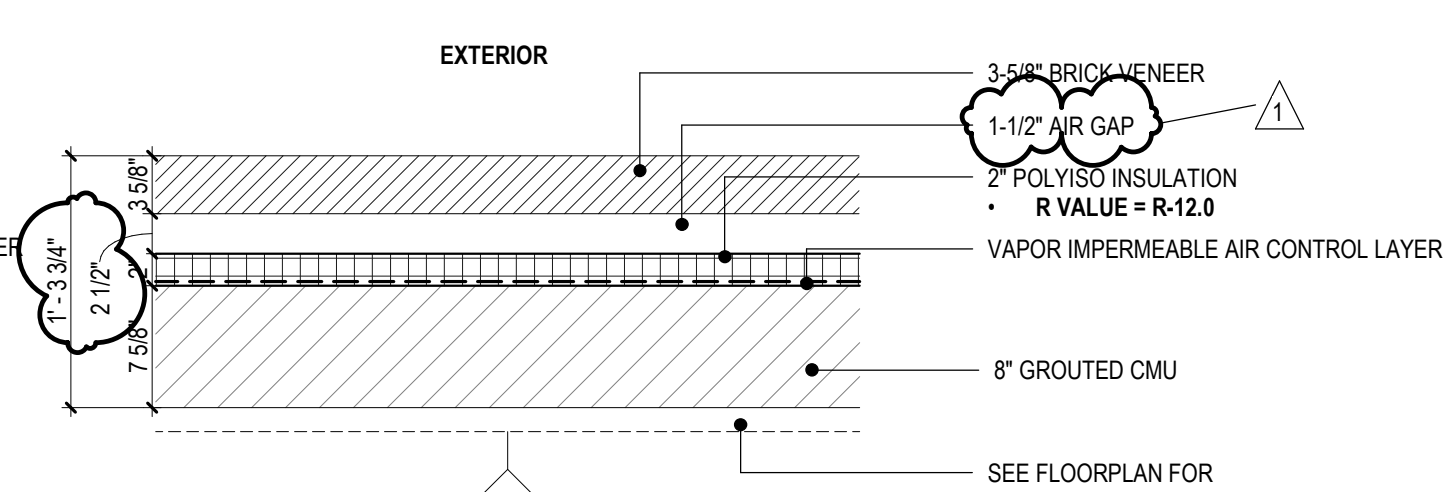
W-8 CFMF AND HIGH DENSITY UNIT VENEER



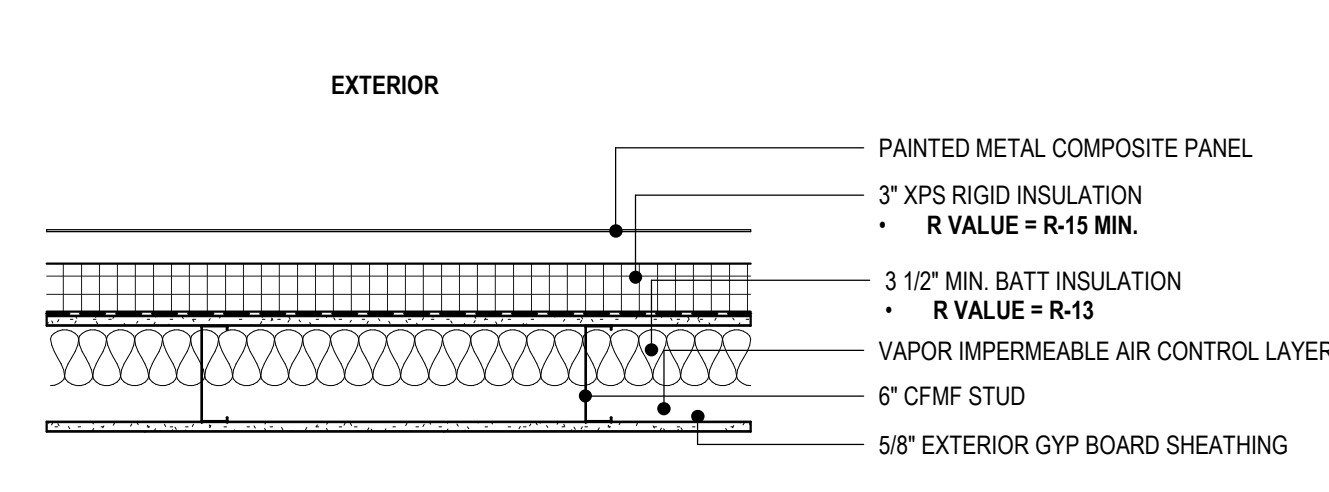
W-9 CFMF AND HIGH DENSITY UNIT VENEER  
ENERGY CODE COMPLIANCE U - FACTOR METHOD U - VALUE = U-0.055  
W-9.1 SAME AS W-9 WITH 6" BATT INSULATION IN STUD WALL CAVITY



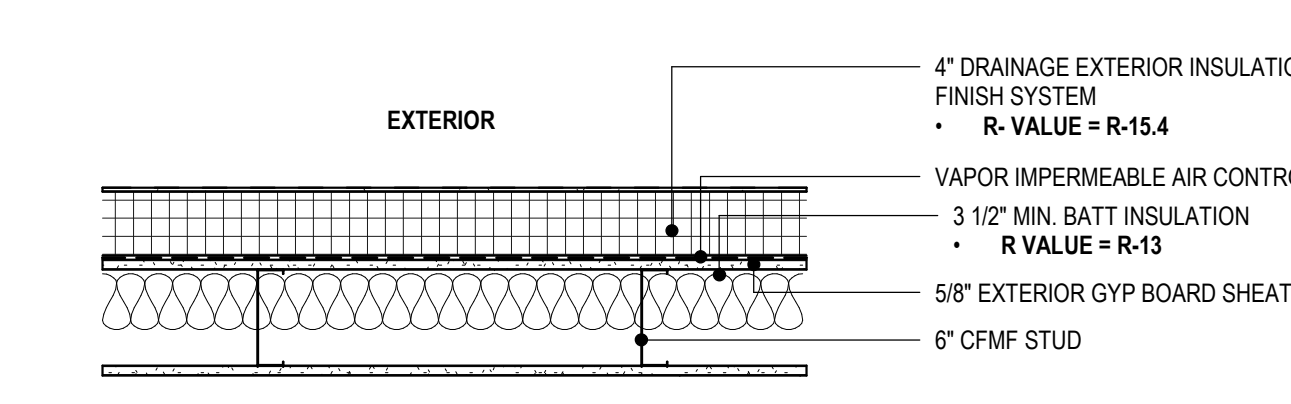
W-10 CFMF AND HIGH DENSITY UNIT VENEER  
ENERGY CODE COMPLIANCE U - FACTOR METHOD U - VALUE = U-0.055



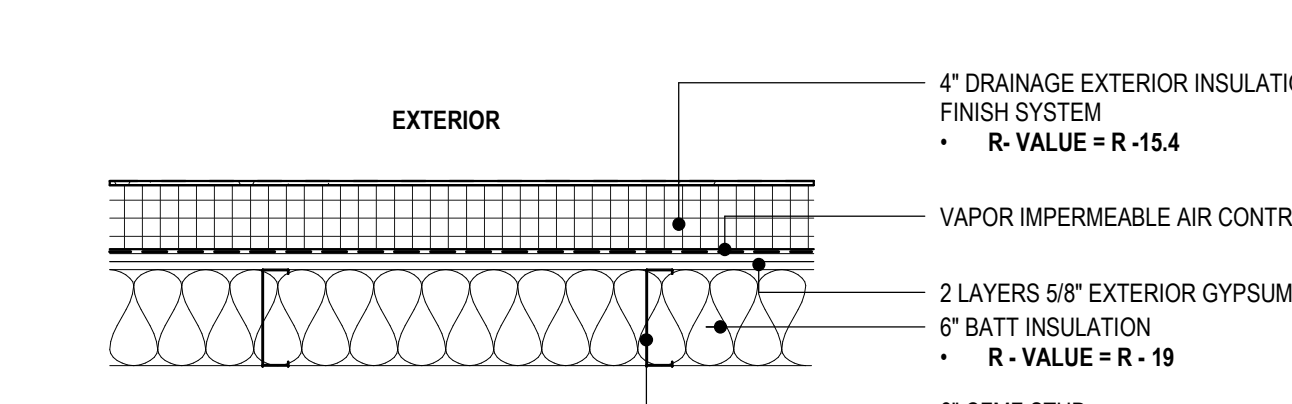
W-11 CMU AND BRICK VENEER  
W-11 CMU AND BRICK VENEER (UL 939)  
W-11.1 SAME AS W-11 EXCEPT 12" GROUDED CMU AND BRICK VENEER  
W-11.1 1 HR SAME AS W-11.1 HR EXCEPT 12" GROUDED CMU AND BRICK VENEER (UL 939)



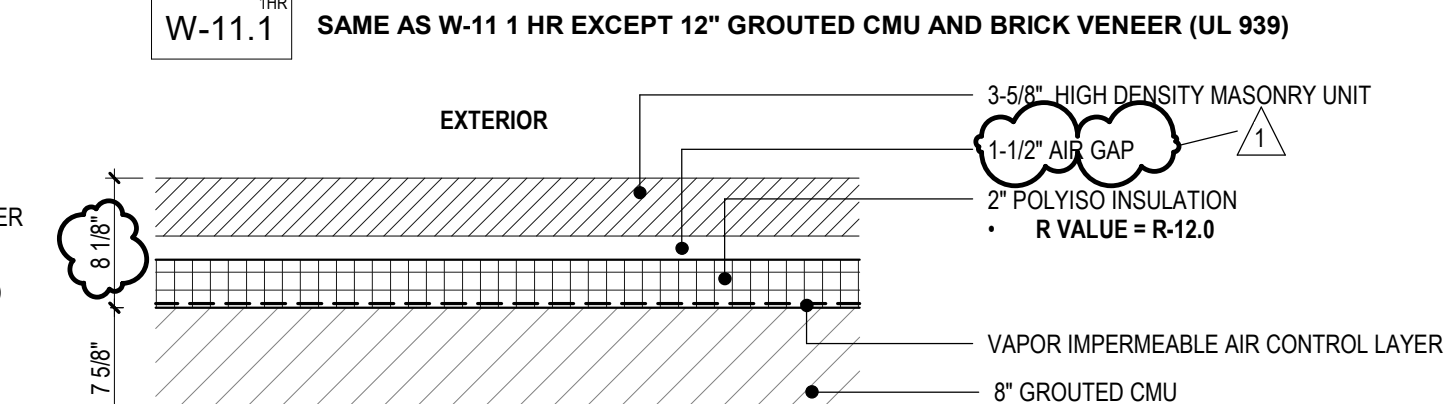
W-12 CFMF AND COMPOSITE METAL PANEL



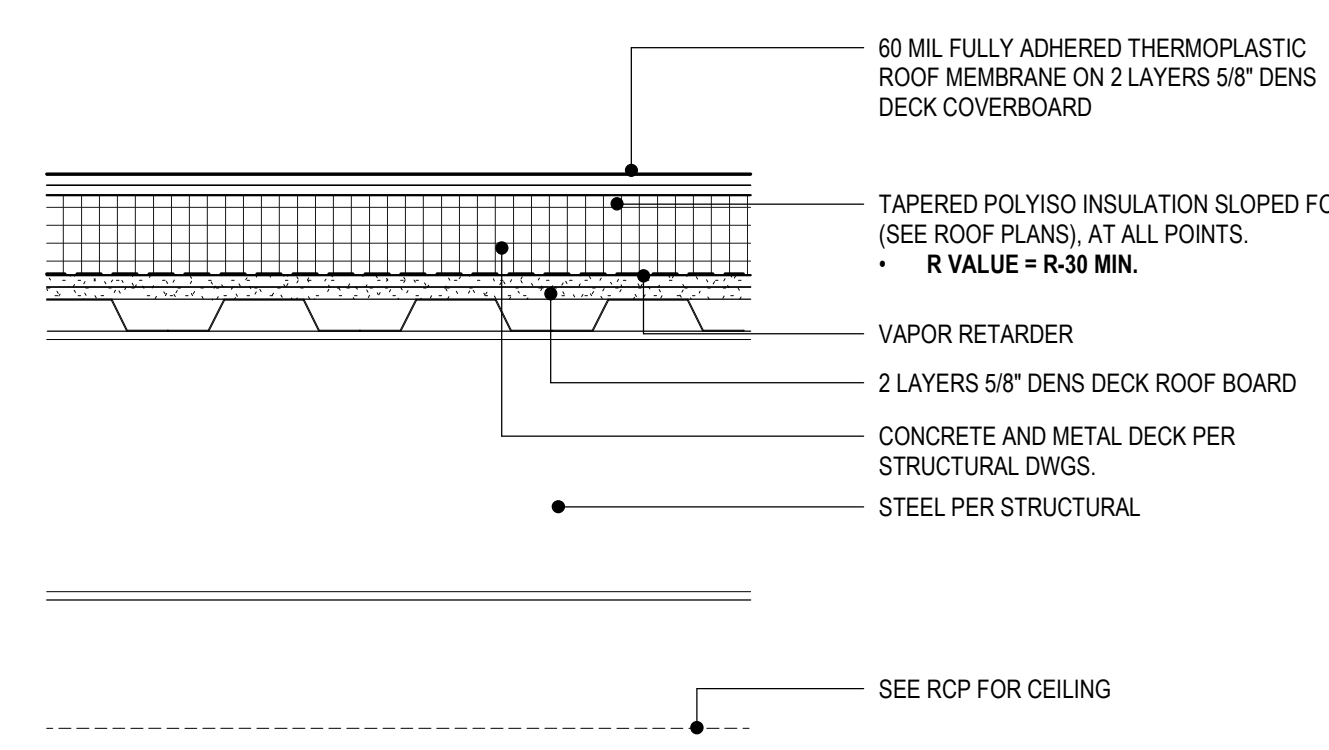
W-13 4" DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM ON CFMF STUD WALL



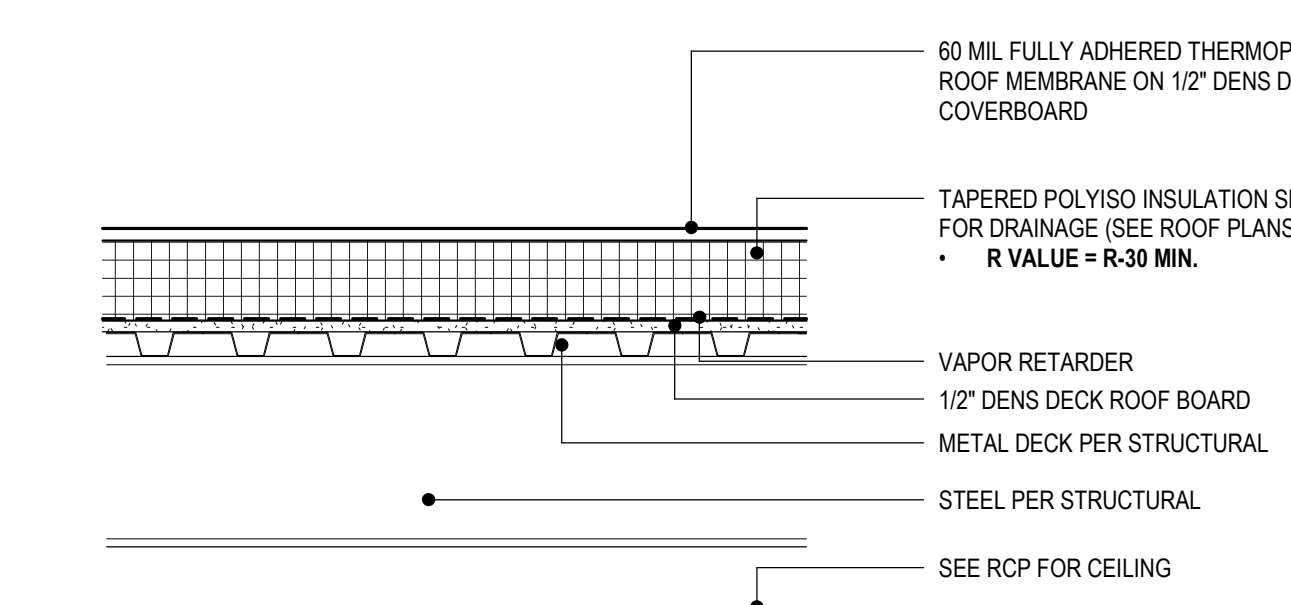
W-14 4" DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM ON CFMF STUD WALL



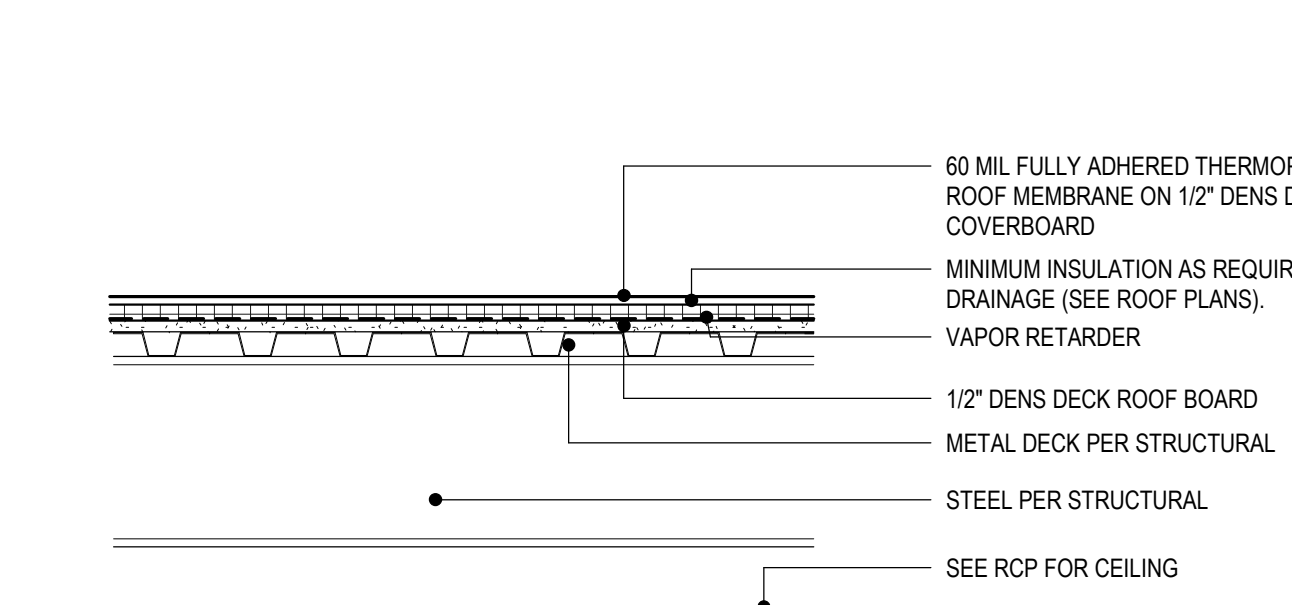
W-15 CMU AND HIGH DENSITY MASONRY UNIT  
W-15 CMU AND HIGH DENSITY MASONRY UNIT (SIMILAR TO U939)  
W-15 CMU AND HIGH DENSITY MASONRY UNIT (SIMILAR TO U939)



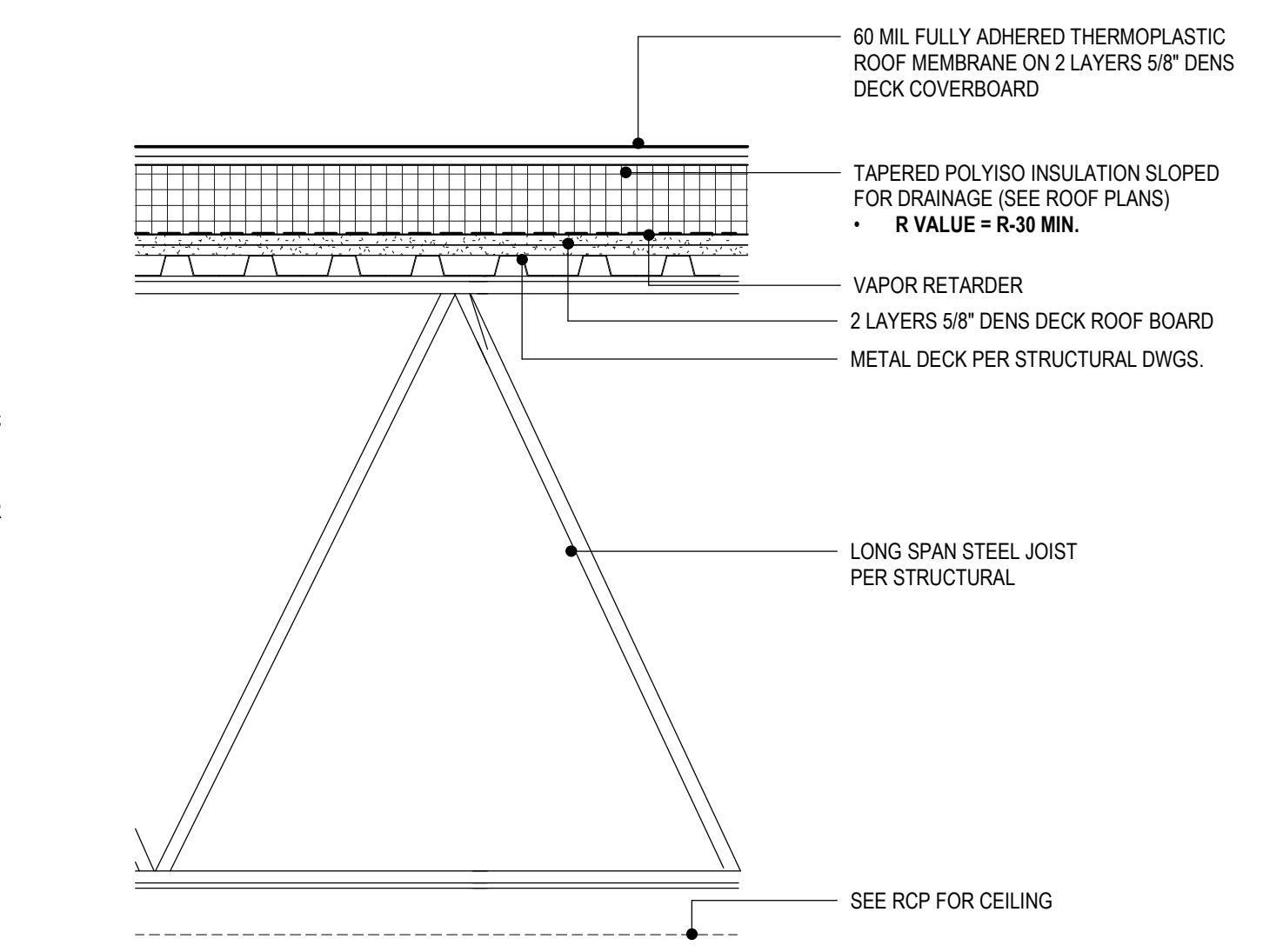
RA-1 60 MIL THERMOPLASTIC ROOF OVER STAGE HOUSE / MULTI PURPOSE ROOM



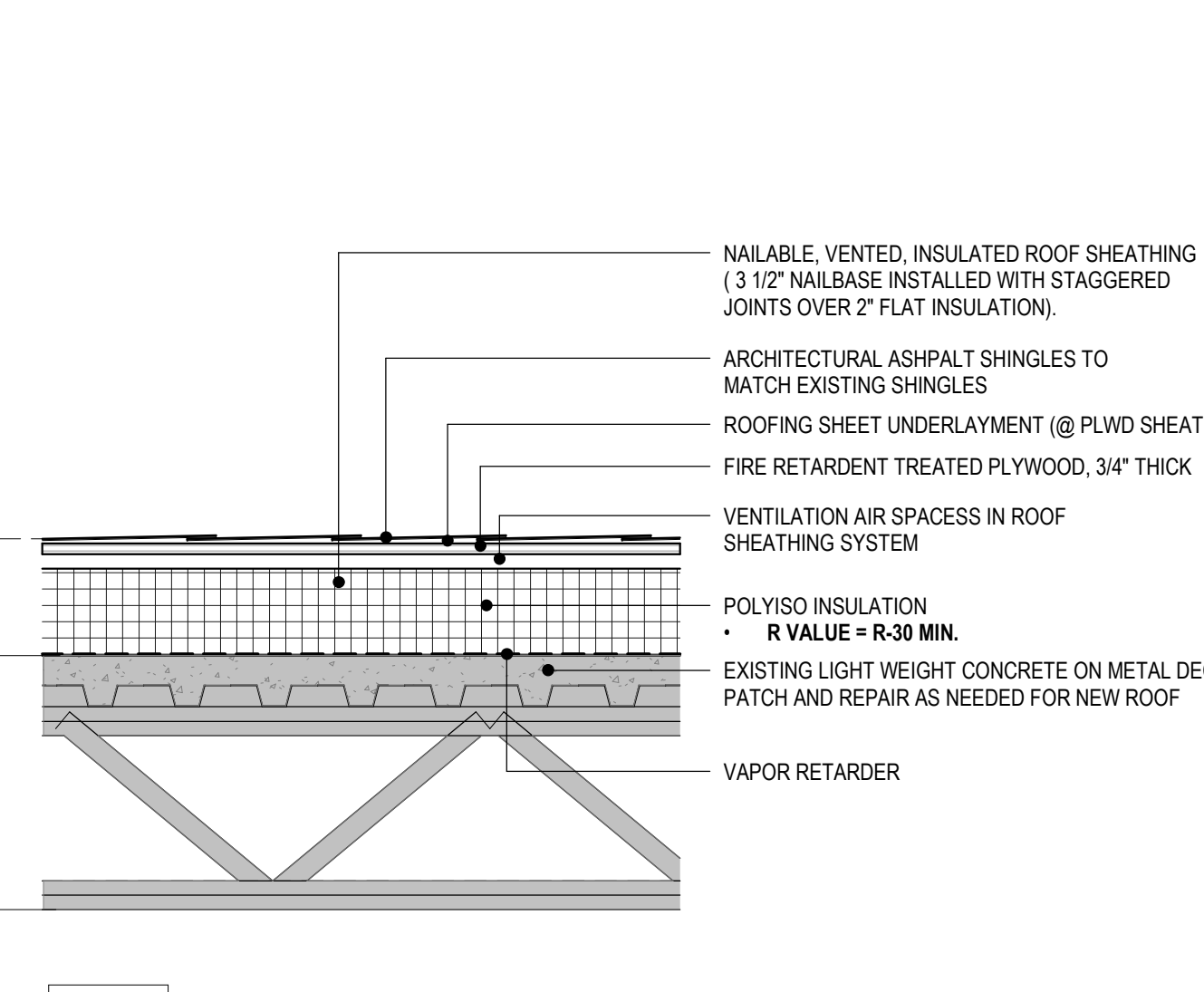
RA-2 60 MIL THERMOPLASTIC ROOF OVER LOBBY/OFFICES/ BACK OF HOUSE/ RESTROOMS



RA-3 60 MIL THERMOPLASTIC ROOF AT CANTILEVER

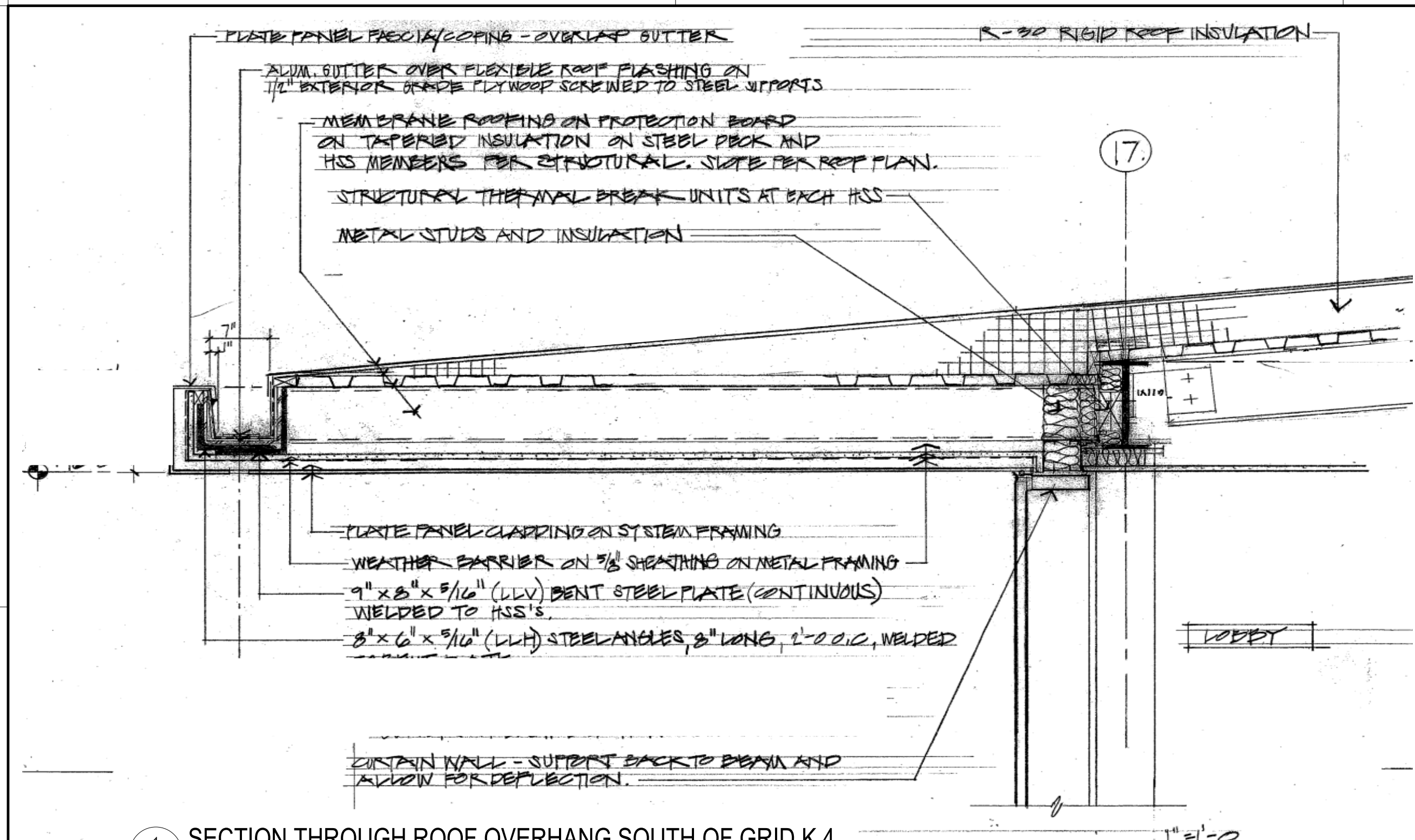


RA-4 60 MIL THERMOPLASTIC ROOF OVER AUDIENCE CHAMBER

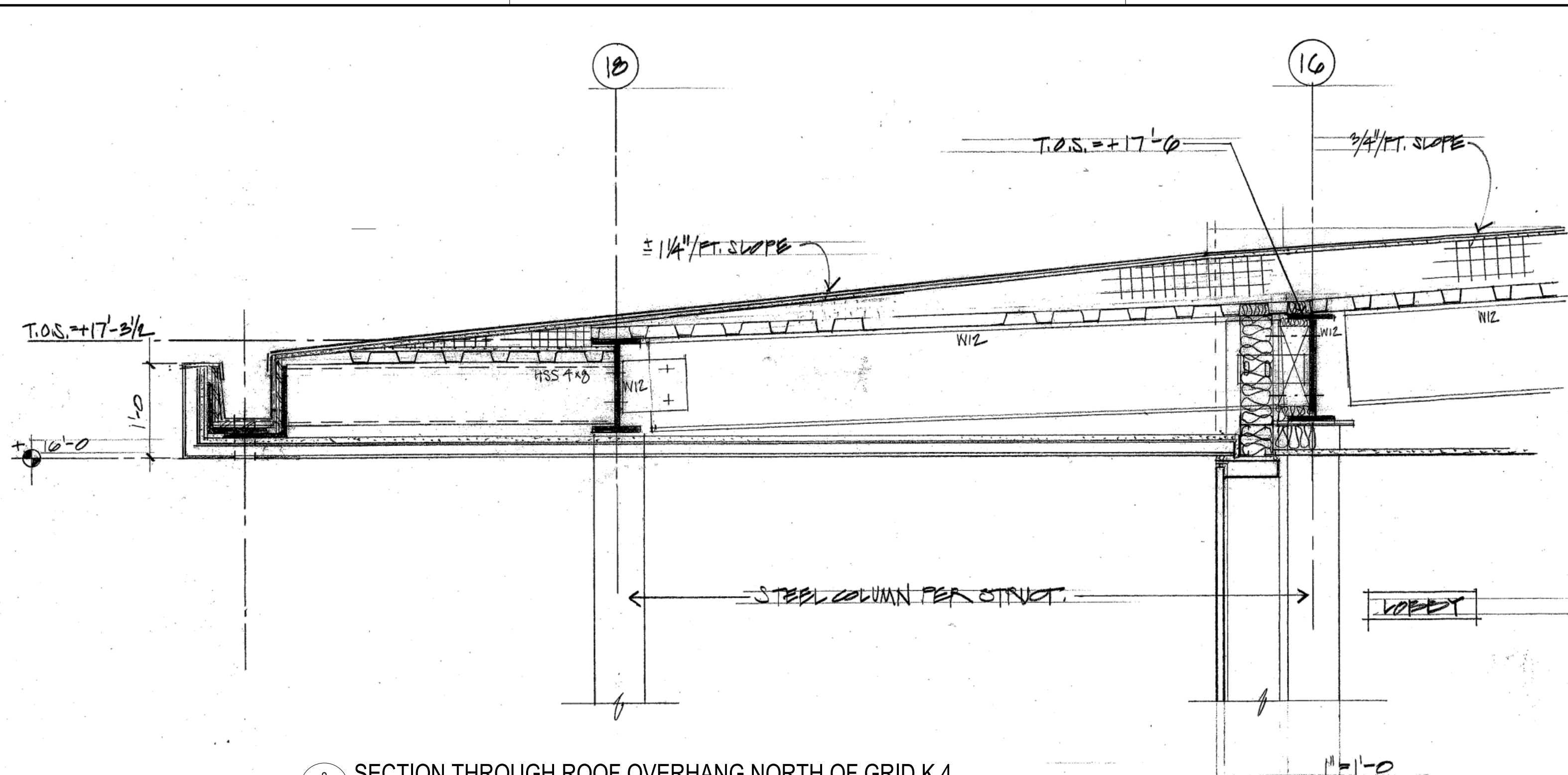


RA-5 ASPHALT SHINGLED ROOF OVER EXISTING STRUCTURE & SUBSTRATE AT PIANO LAB AND MECHANICAL ROOM

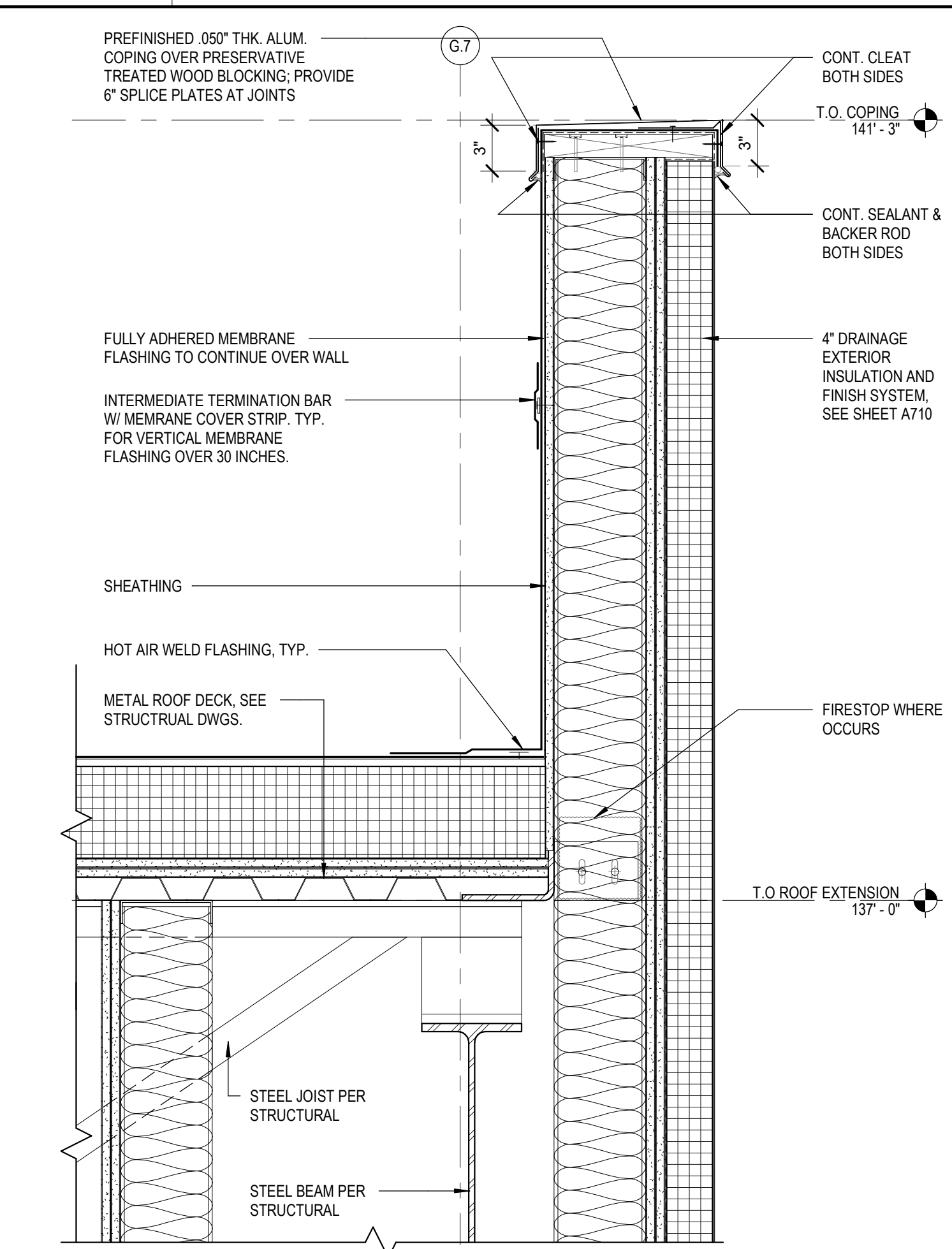
RA-6 SAME AS ROOF TYPE "RA-5" EXCEPT NEW STRUCTURE, NEW METAL DECK, AND NEW LIGHTWEIGHT CONCRETE TO MATCH ROOF "RA-5"



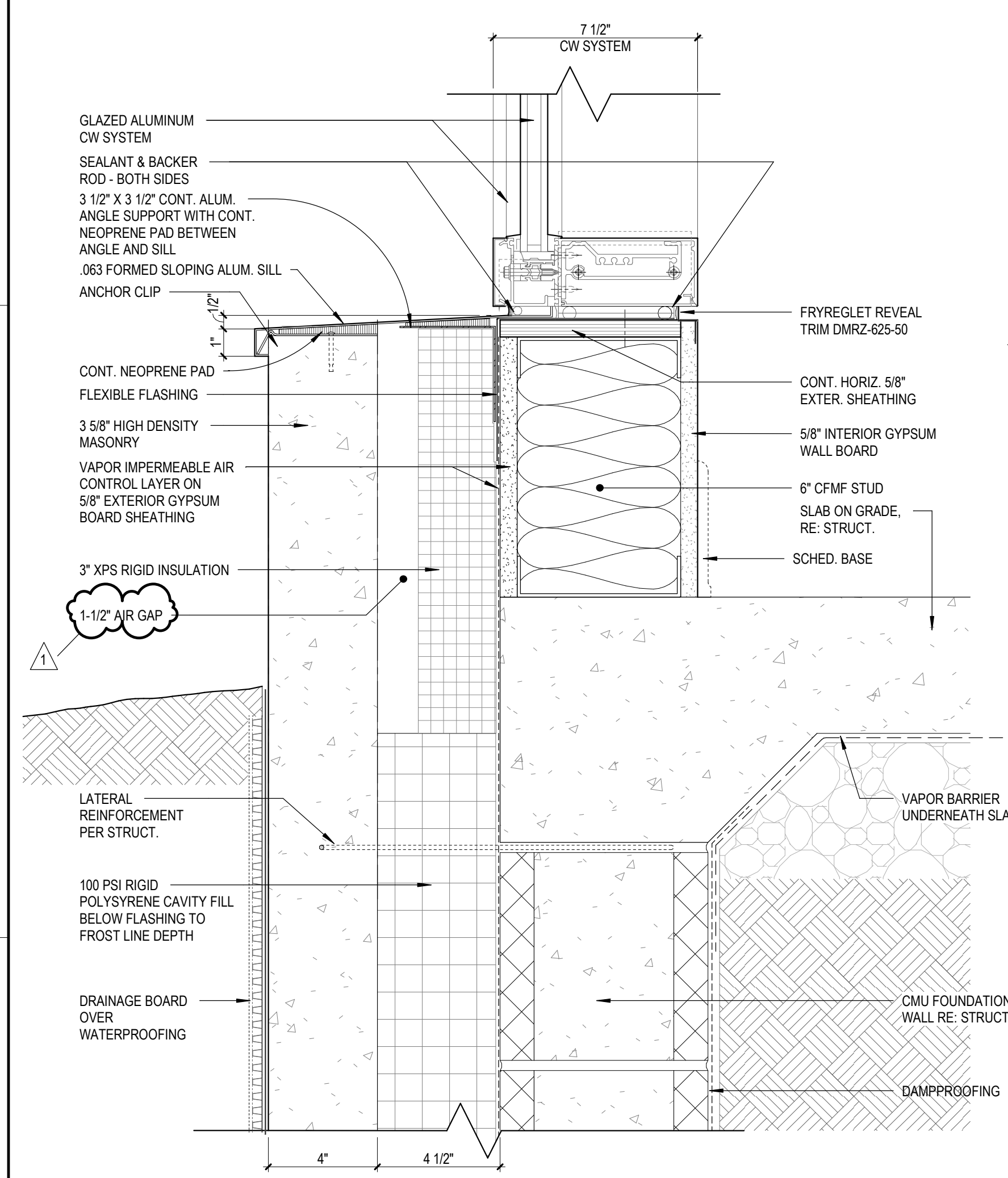
**1 SECTION THROUGH ROOF OVERHANG SOUTH OF GRID K.4**  
A720 SCALE: 1" = 1'-0"



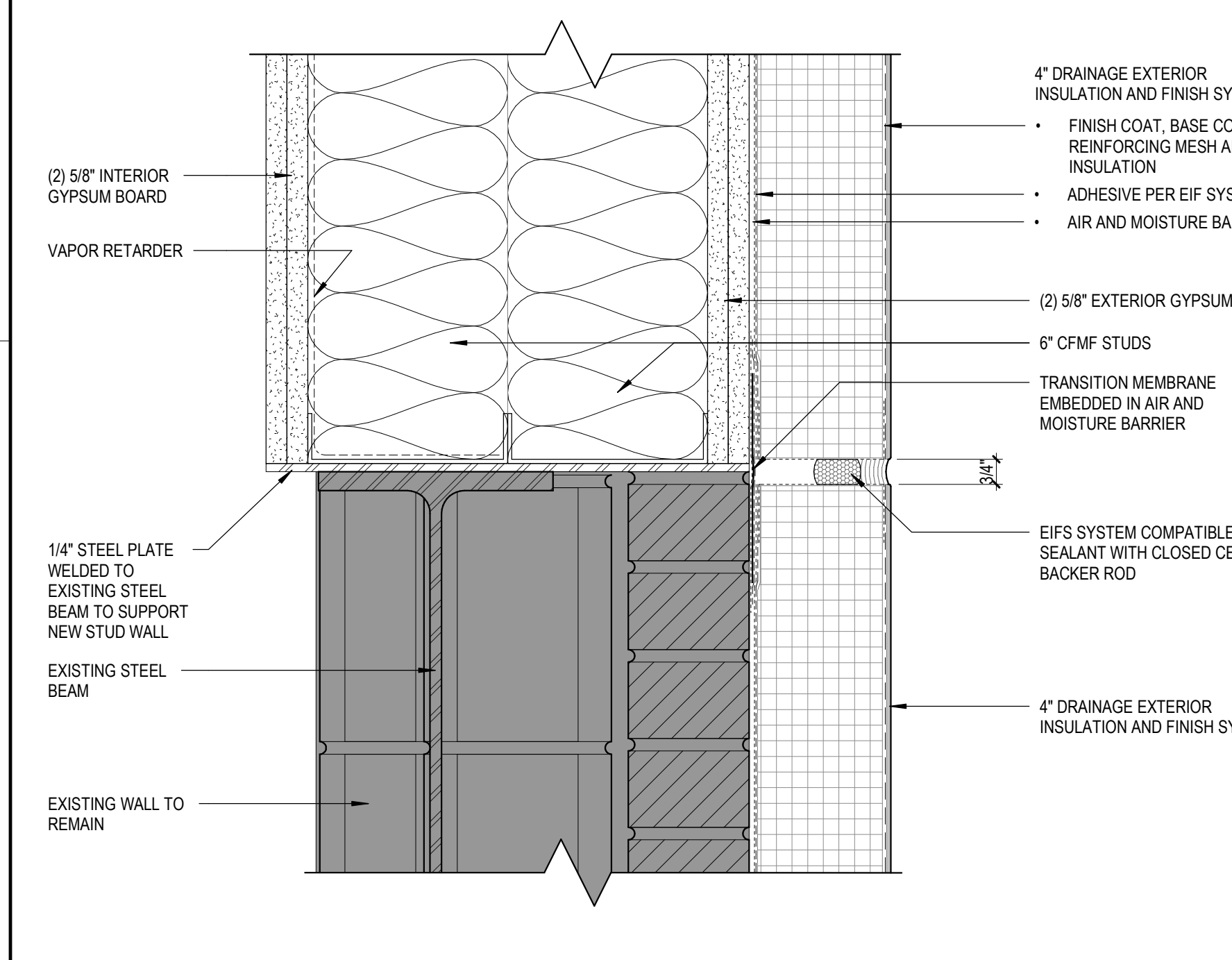
**2 SECTION THROUGH ROOF OVERHANG NORTH OF GRID K.4**  
A720 SCALE: 1" = 1'-0"



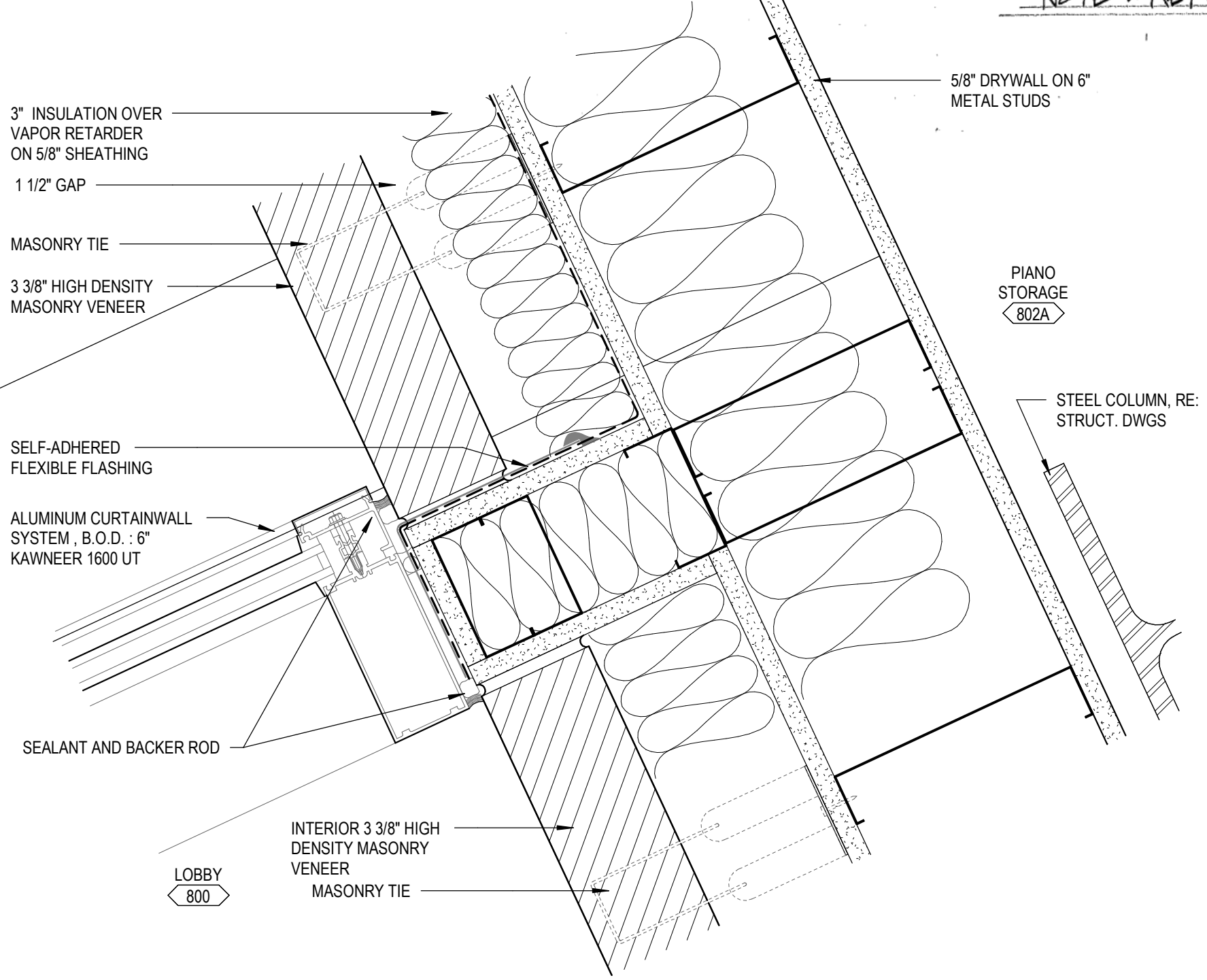
**3 TYP. STUD WALL WITH EIFS AT PARAPET**  
A720 SCALE: 1 1/2" = 1'-0"



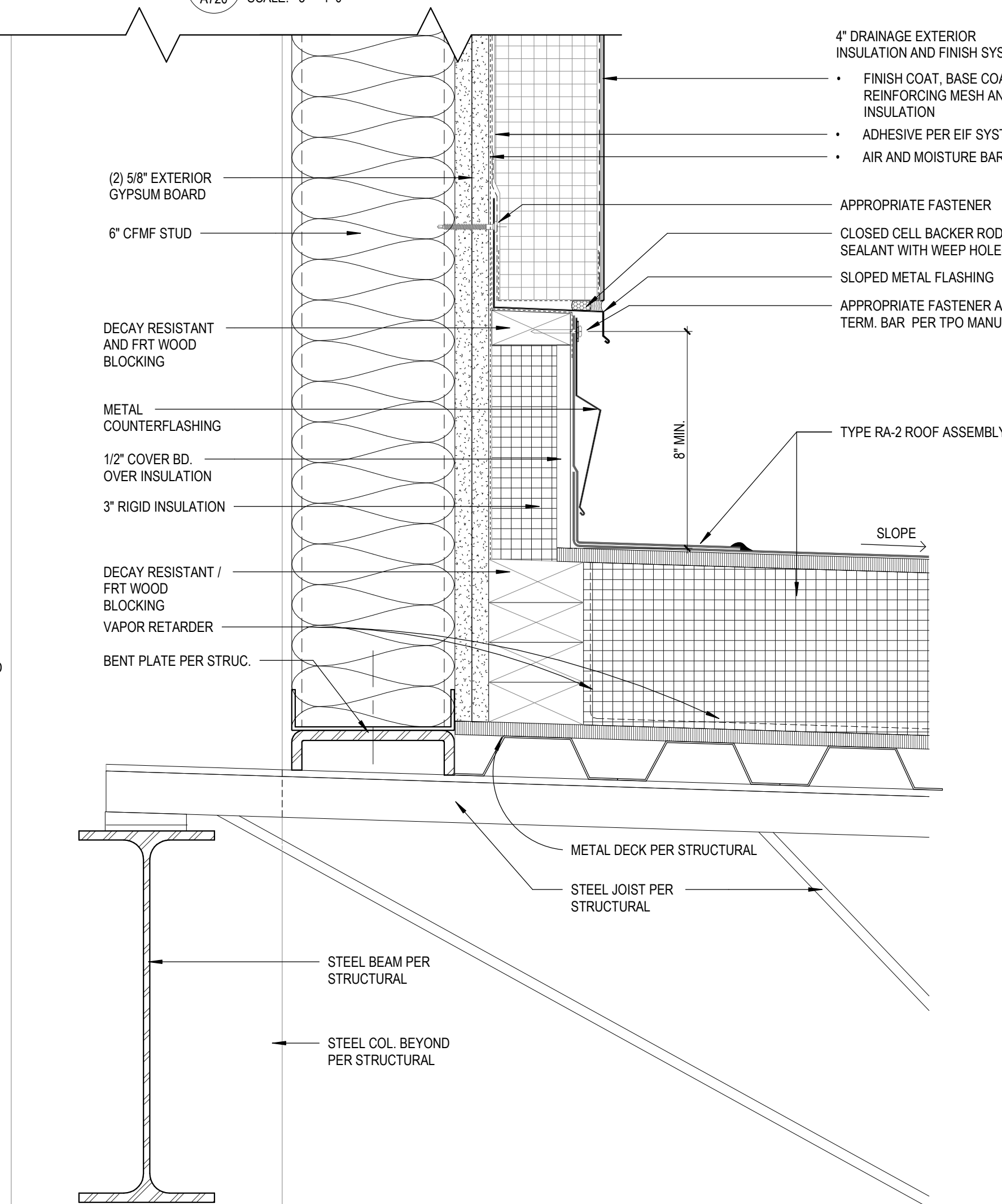
**12 SECTION AT LOBBY SILL**  
A720 SCALE: 3" = 1'-0"



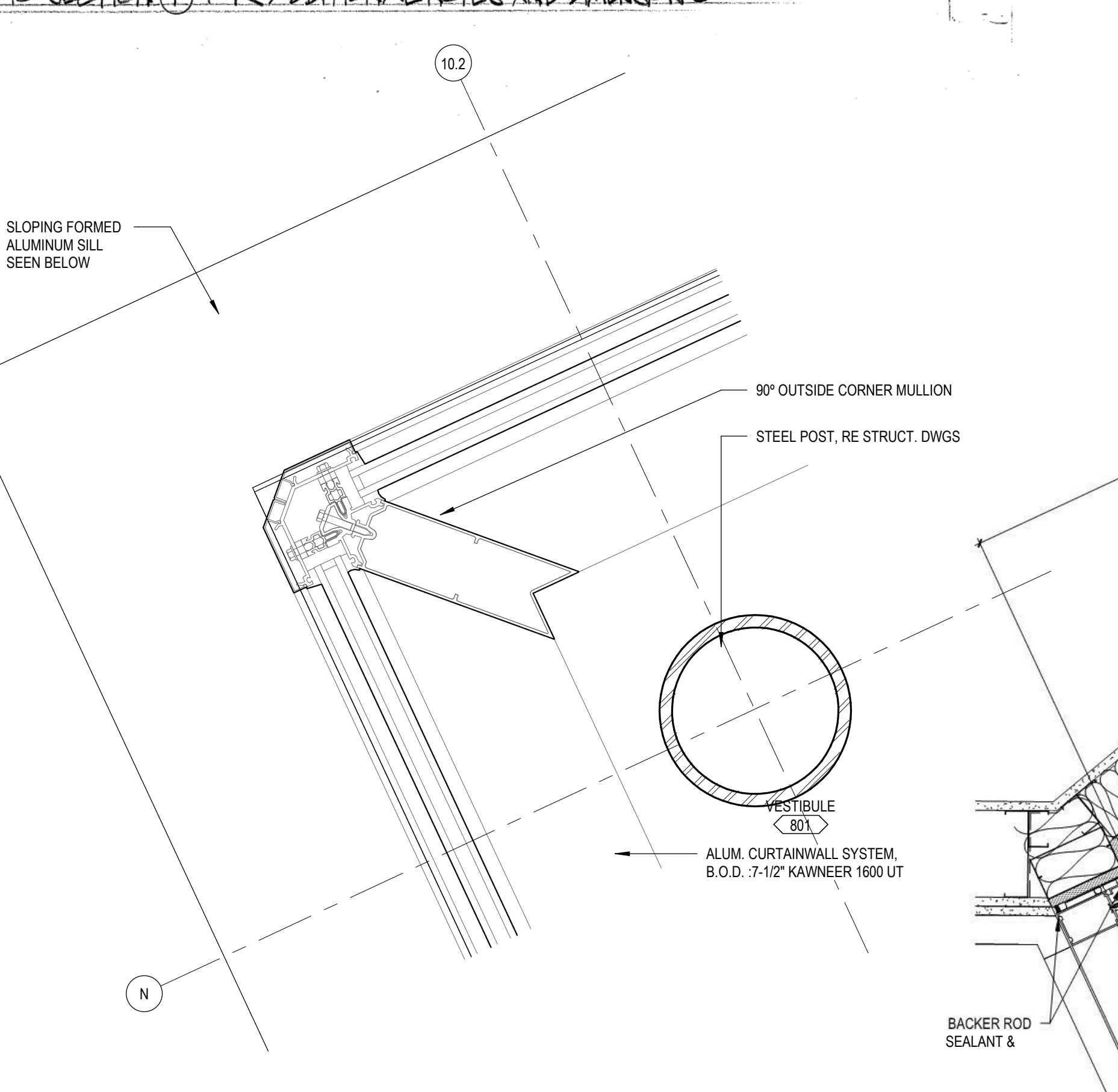
**8 EIFS WALL TRANSITION AT EXISTING AND NEW BACK UP WALL**  
A720 SCALE: 3" = 1'-0"



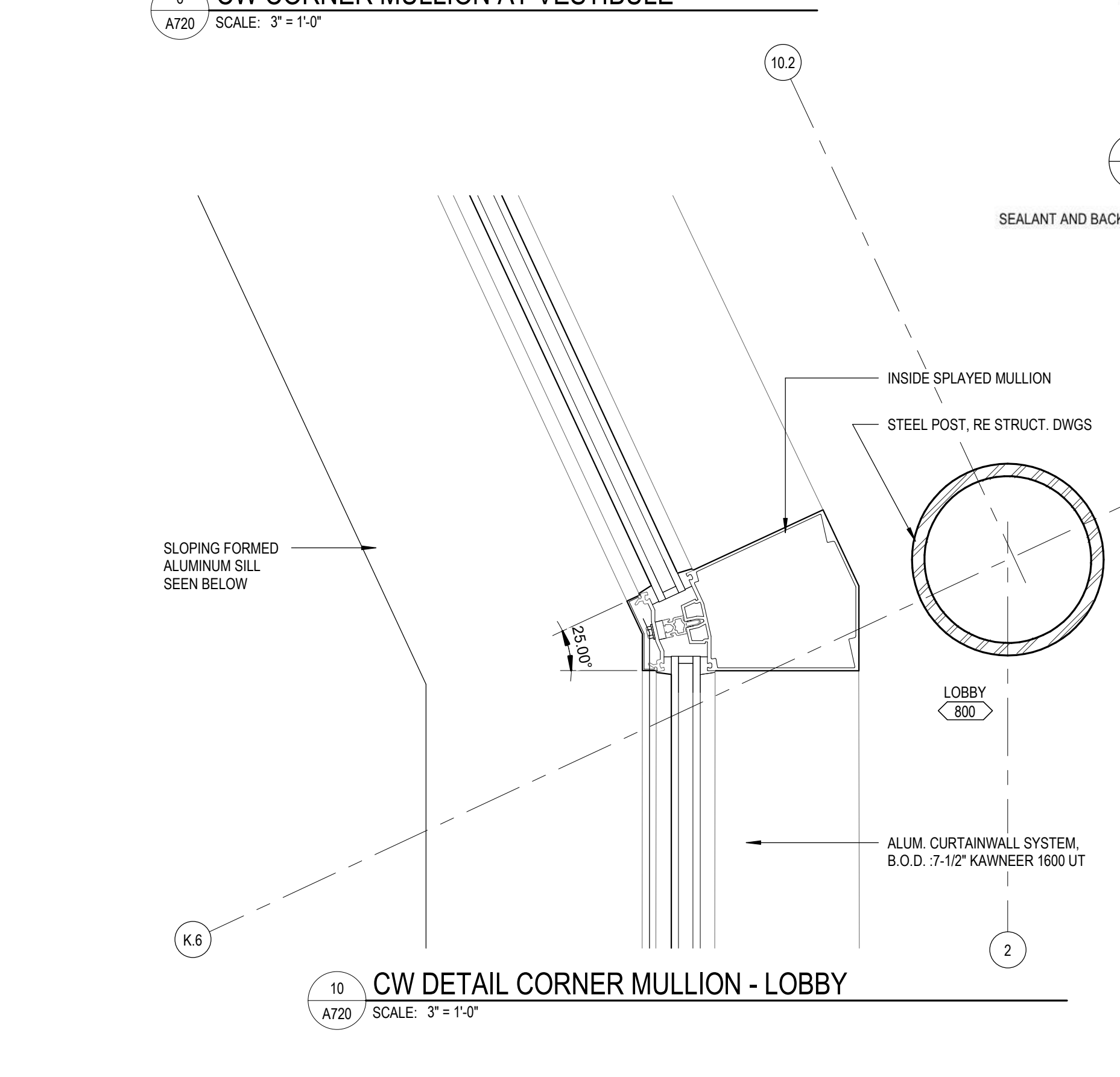
**5 PLAN DETAIL AT CW - MASONRY WALL**  
A720 SCALE: 3" = 1'-0"



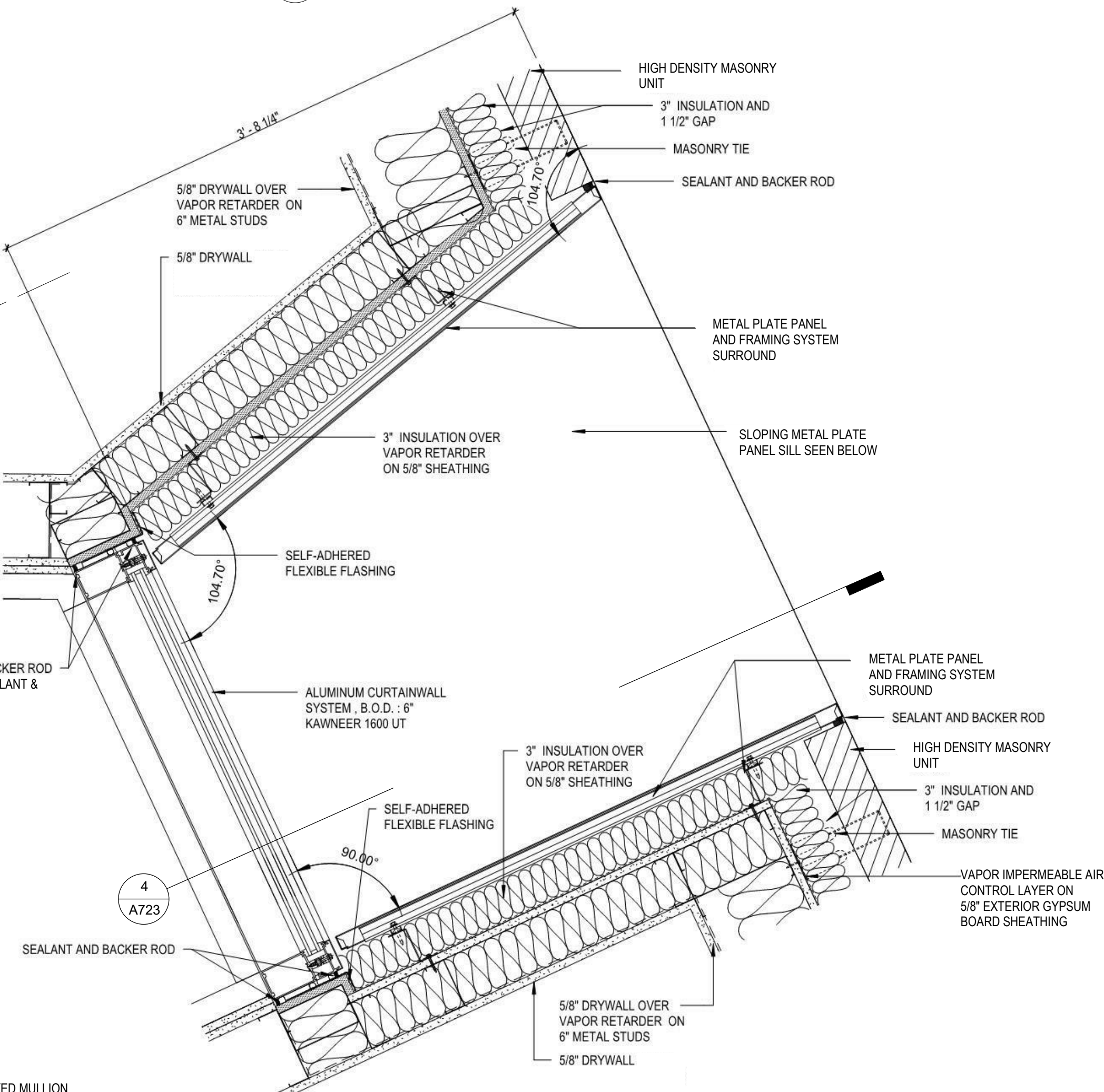
**9 MEMBRANE ROOF - WALL TRANSITION**  
A720 SCALE: 3" = 1'-0"



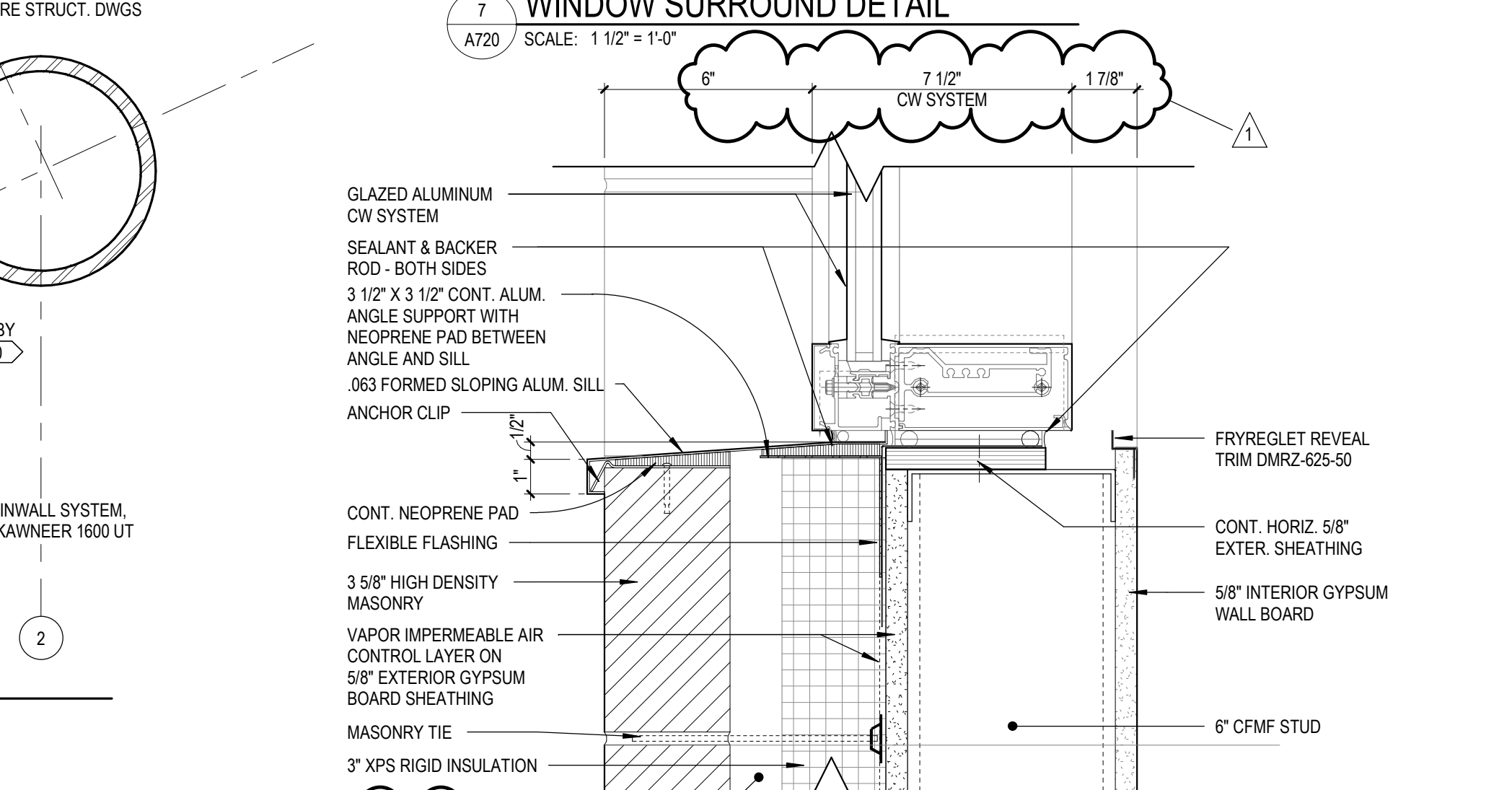
**6 CW CORNER MULLION AT VESTIBULE**  
A720 SCALE: 3" = 1'-0"



**10 CW DETAIL CORNER MULLION - LOBBY**  
A720 SCALE: 3" = 1'-0"

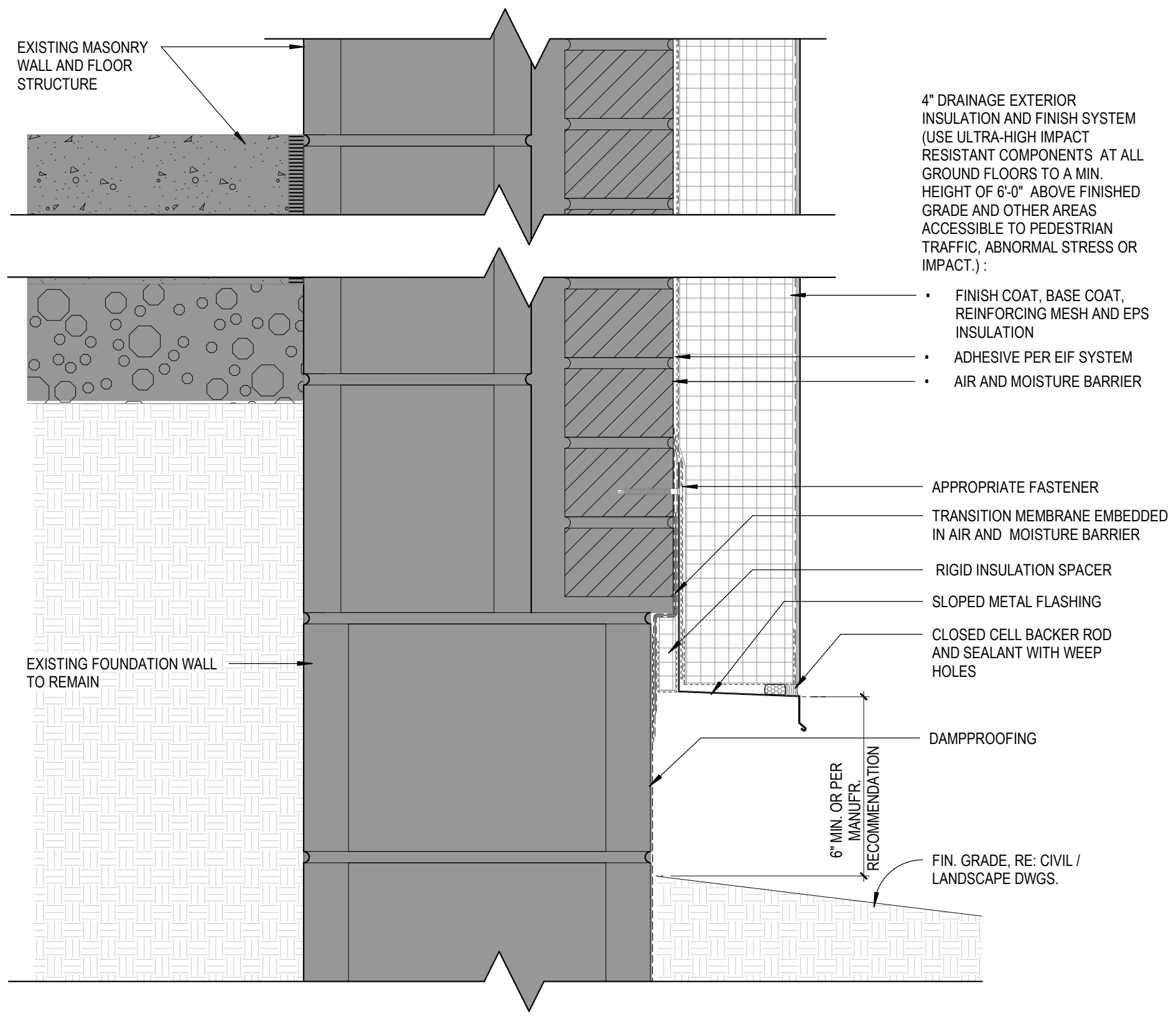


**7 WINDOW SURROUND DETAIL**  
A720 SCALE: 1 1/2" = 1'-0"

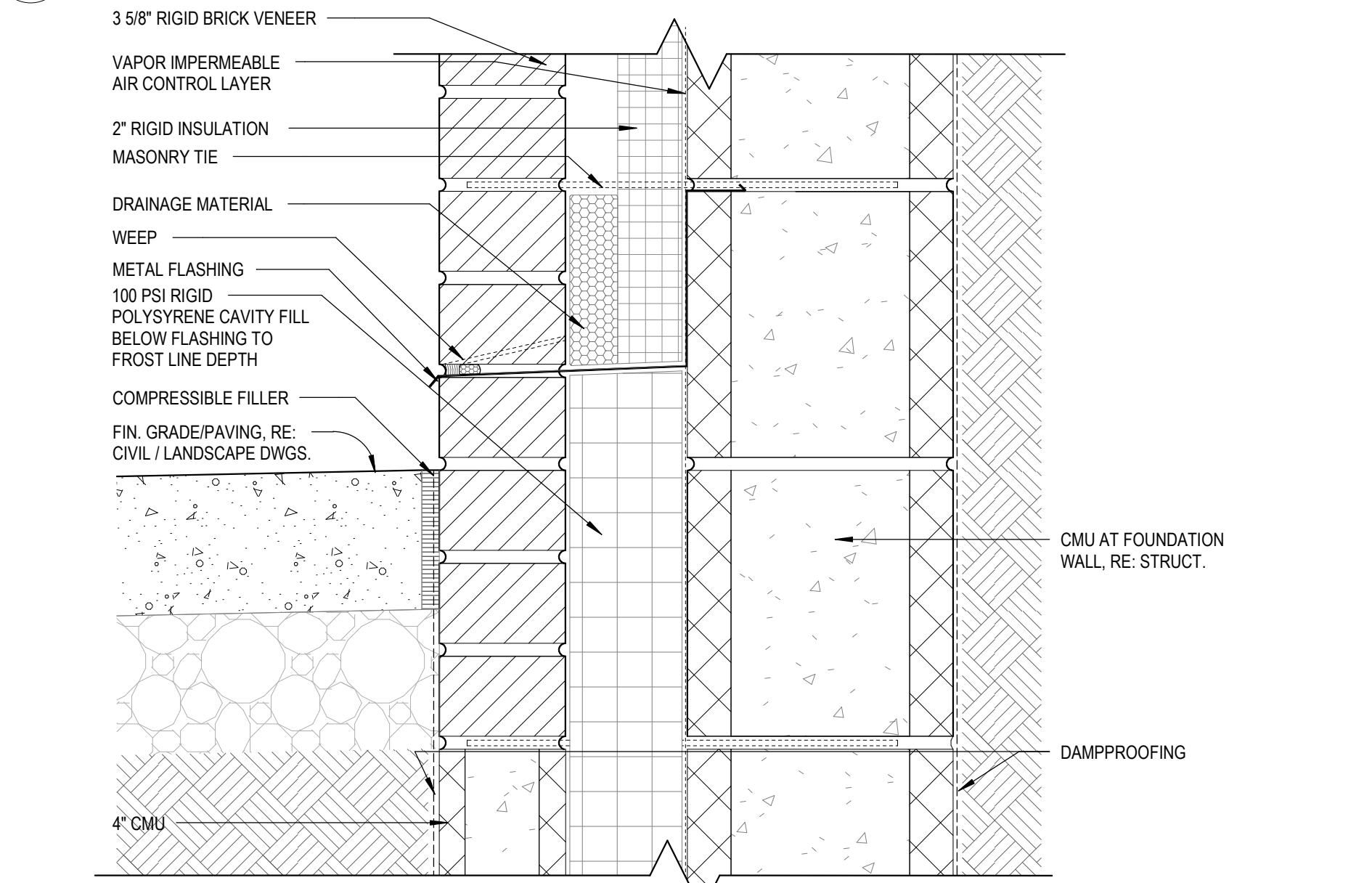


**11 CW SILL AT HIGH DENSITY MASONRY WALL**  
A720 SCALE: 3" = 1'-0"

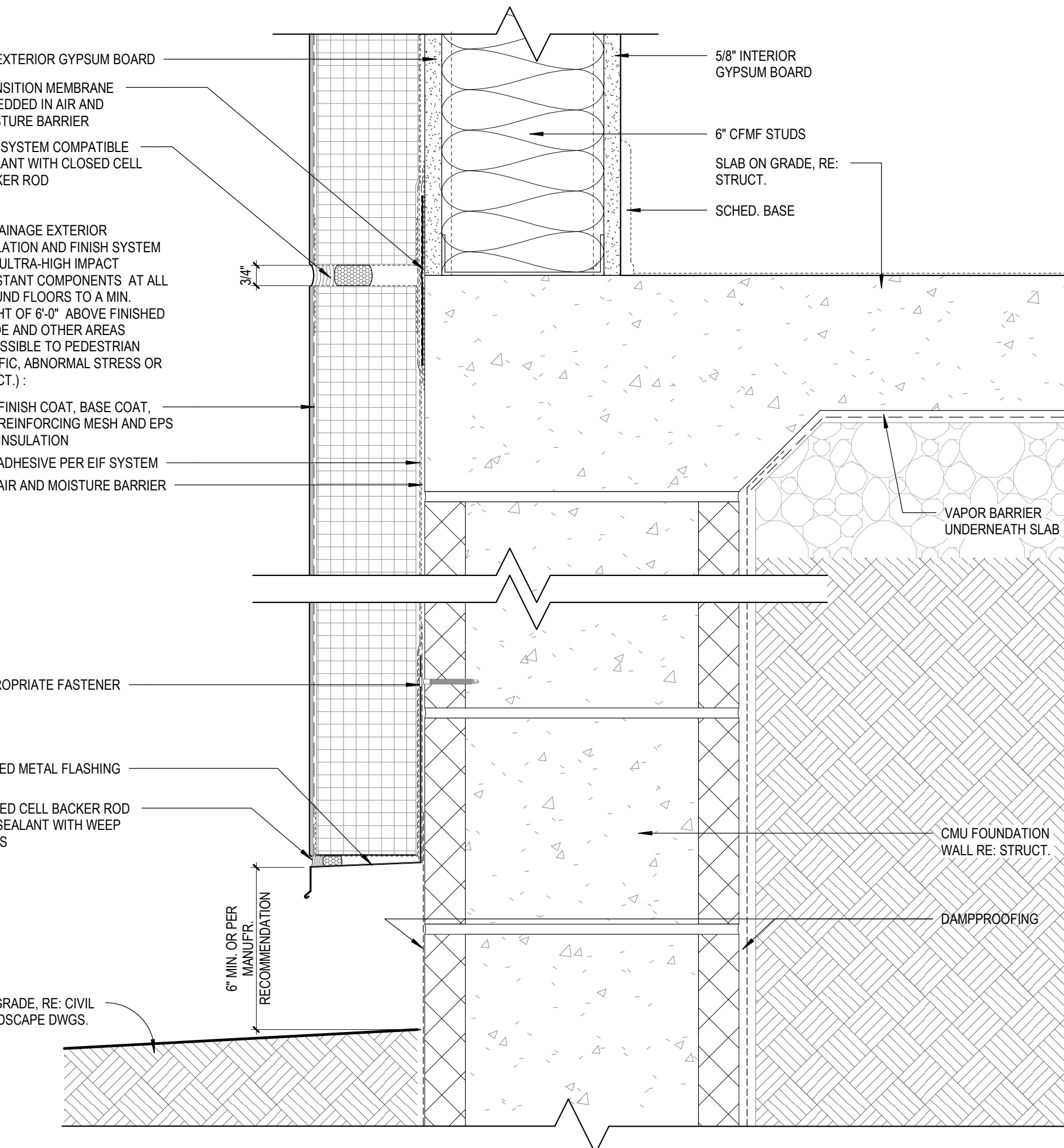




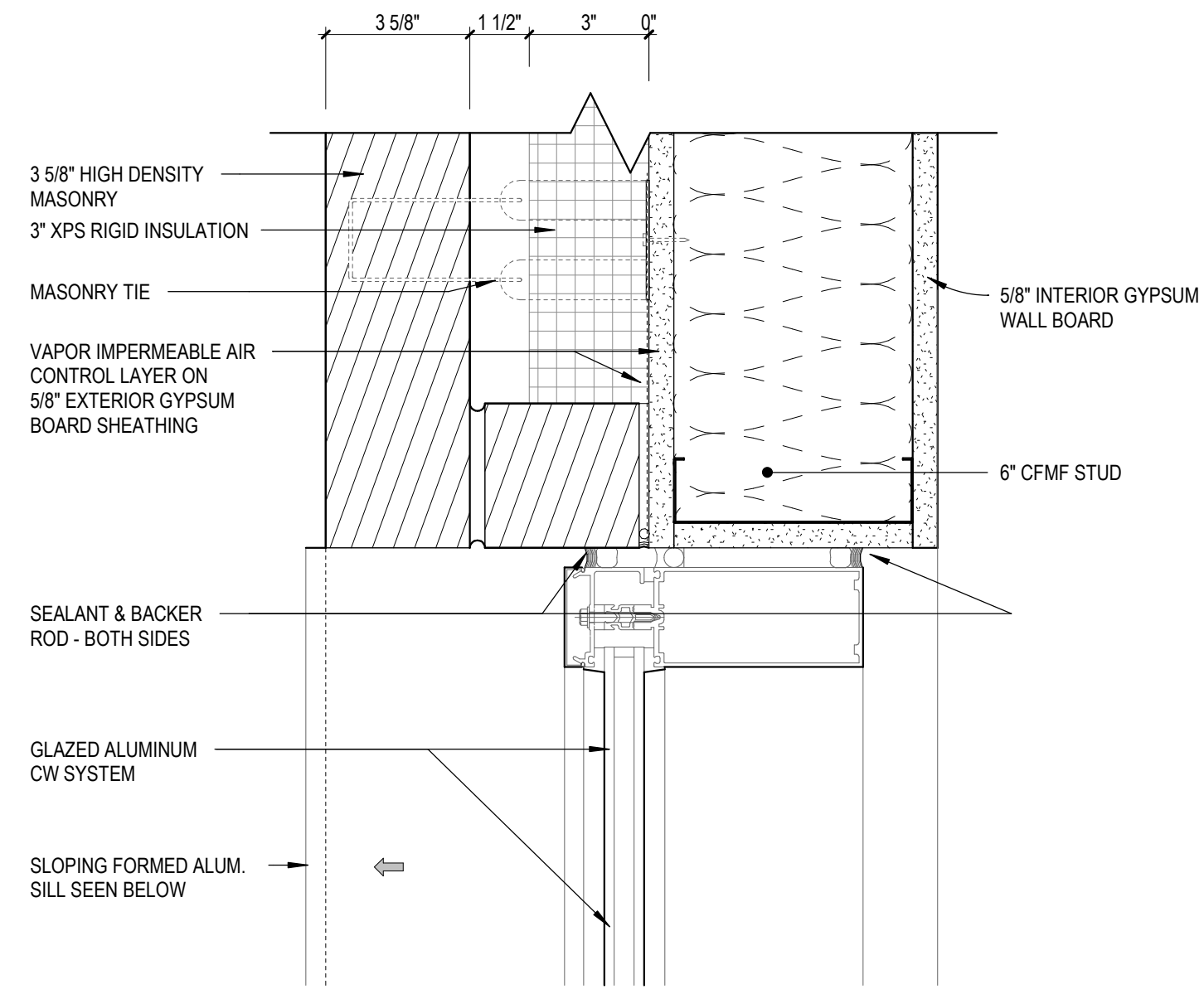
3 EIFS AT EXISTING WALL BASE  
A721 SCALE: 3" = 1'-0"



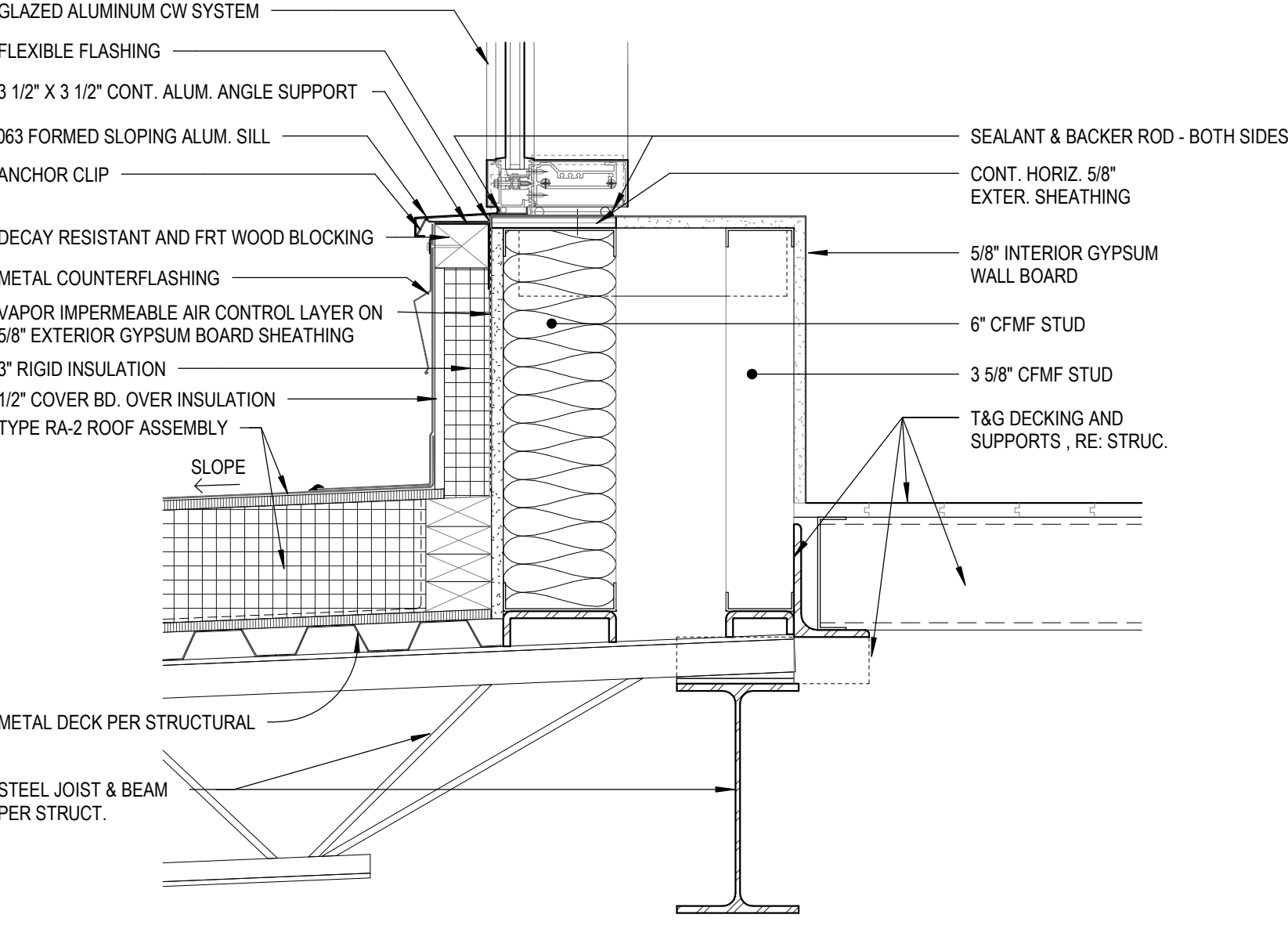
4 BRICK VENEER BASE WITH CMU BACK UP  
A721 SCALE: 3" = 1'-0"



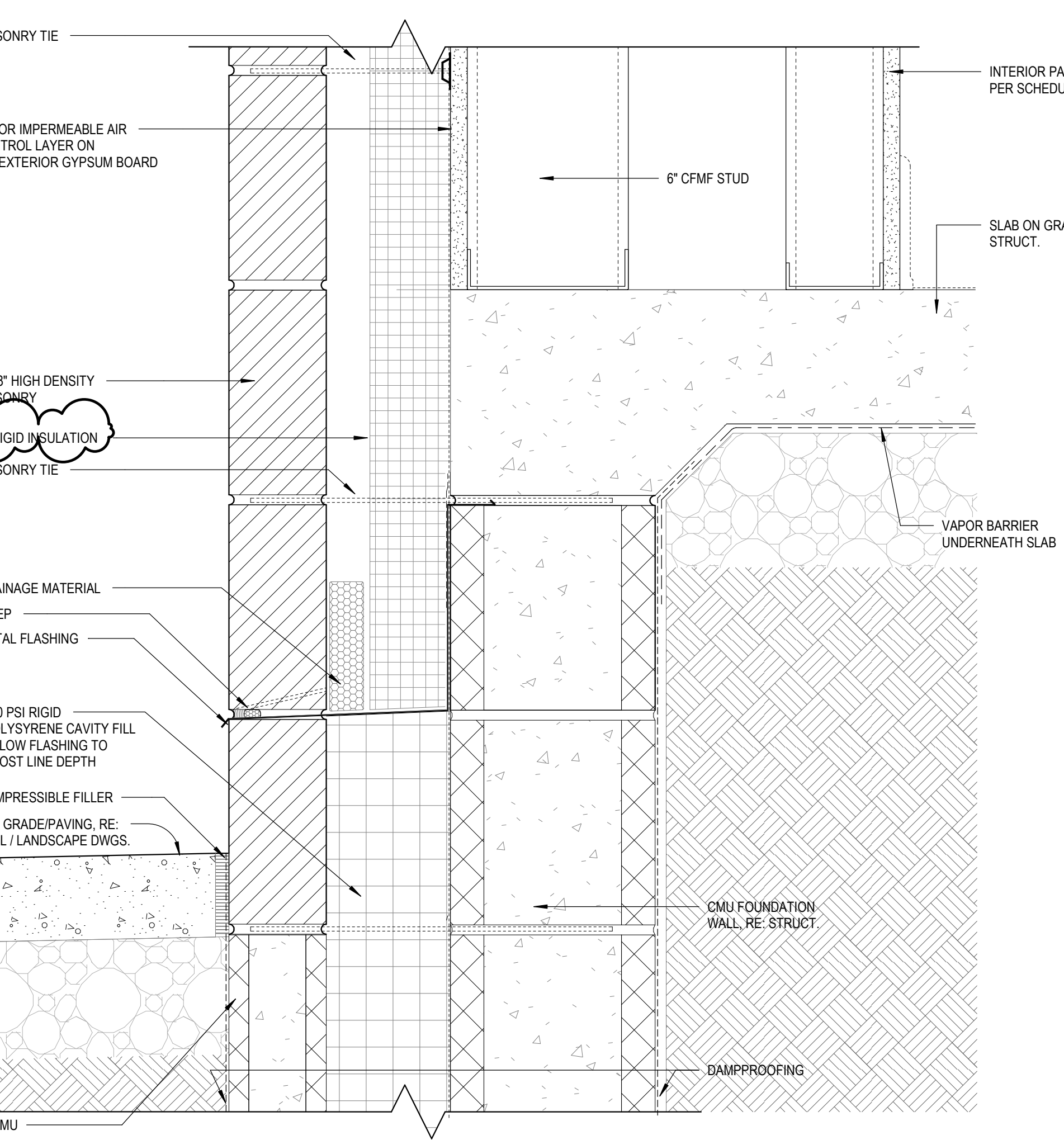
5 EIFS BASE AT FIN. GRADE  
A721 SCALE: 3" = 1'-0"



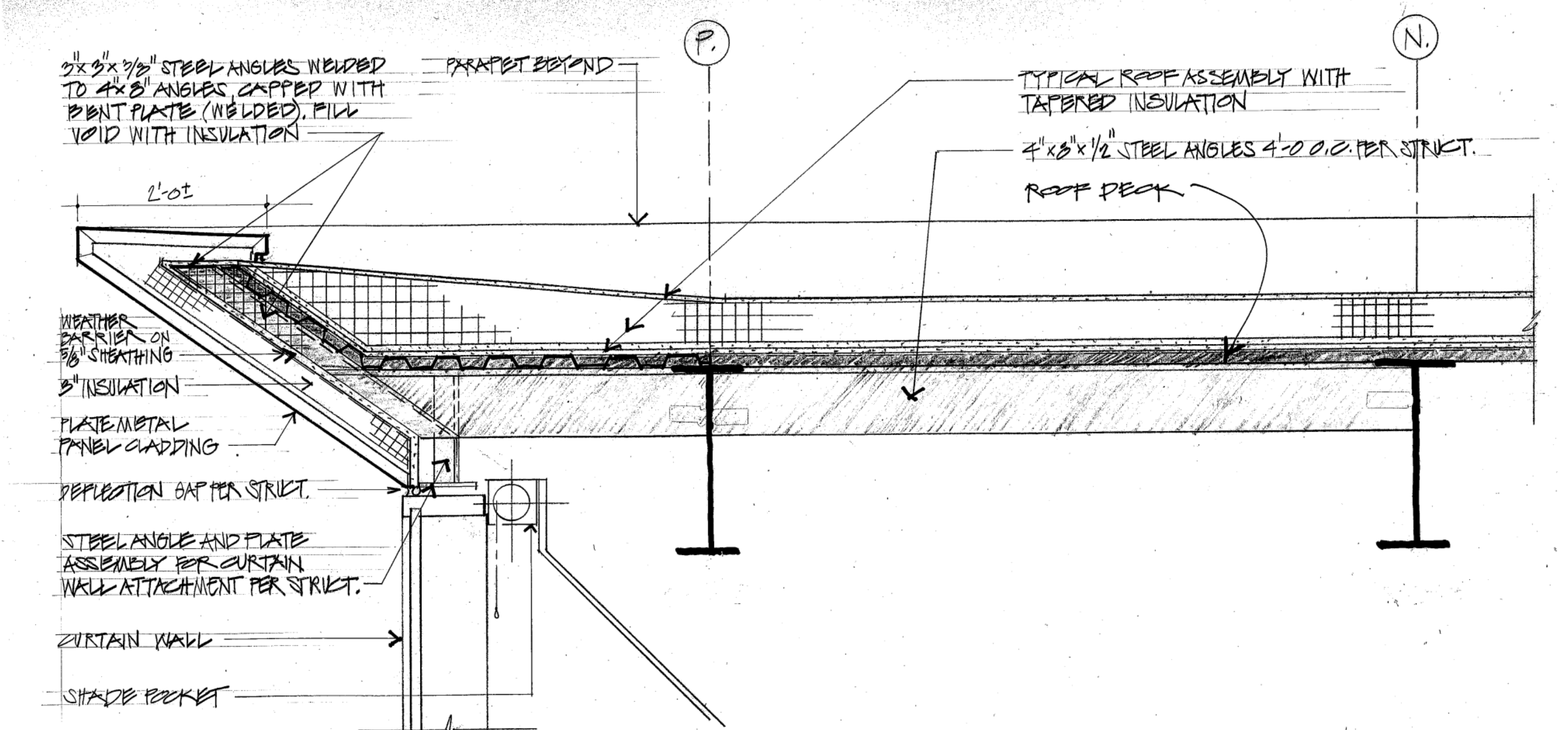
8 WINDOW JAMB AT OFFICE SUITE  
A721 SCALE: 3" = 1'-0"



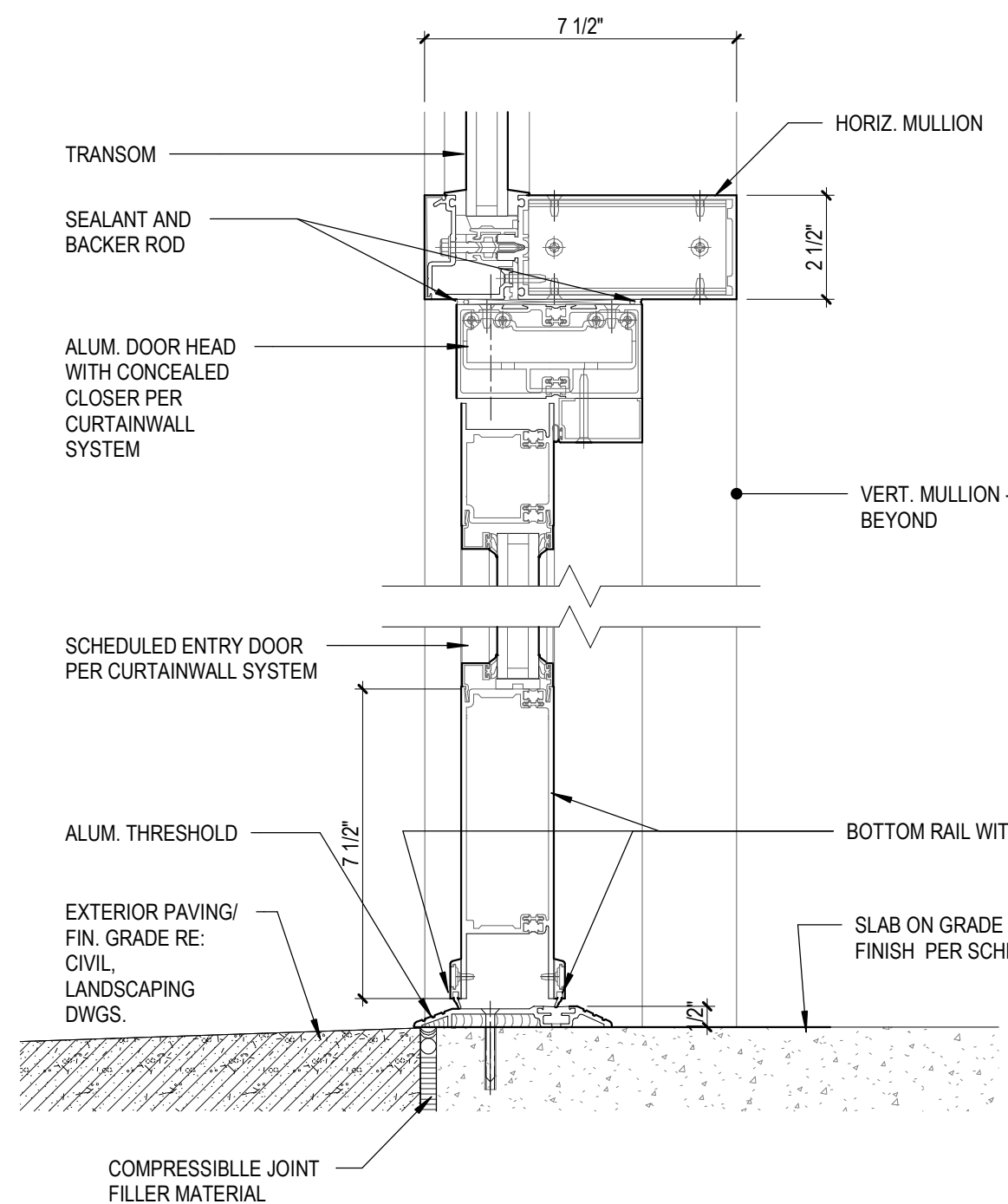
7 CW SILL AT CLERESTORY WINDOW  
A721 SCALE: 1 1/2" = 1'-0"



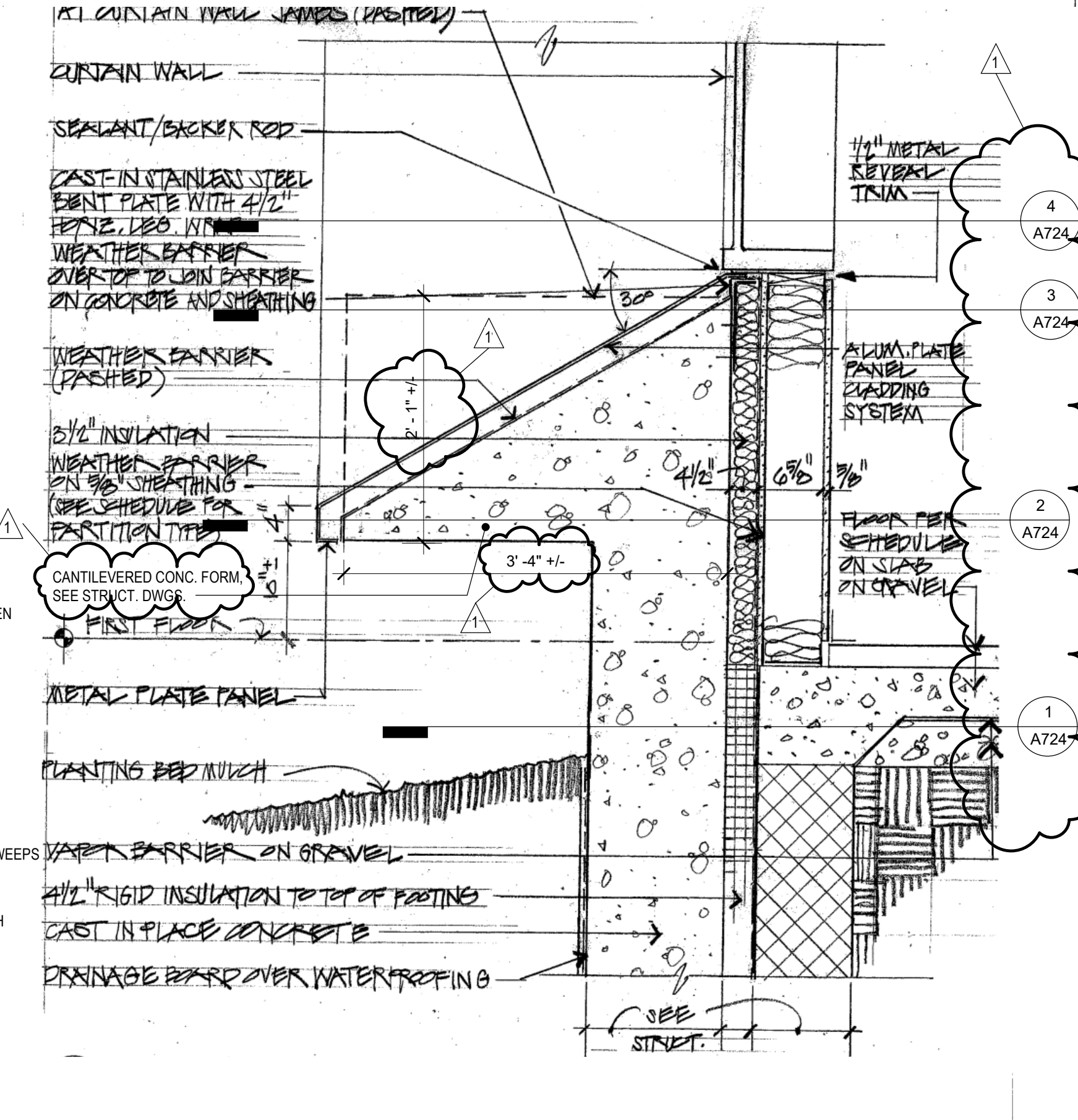
6 HIGH DENSITY MASONRY BASE WITH CMU BACK UP  
A721 SCALE: 3" = 1'-0"



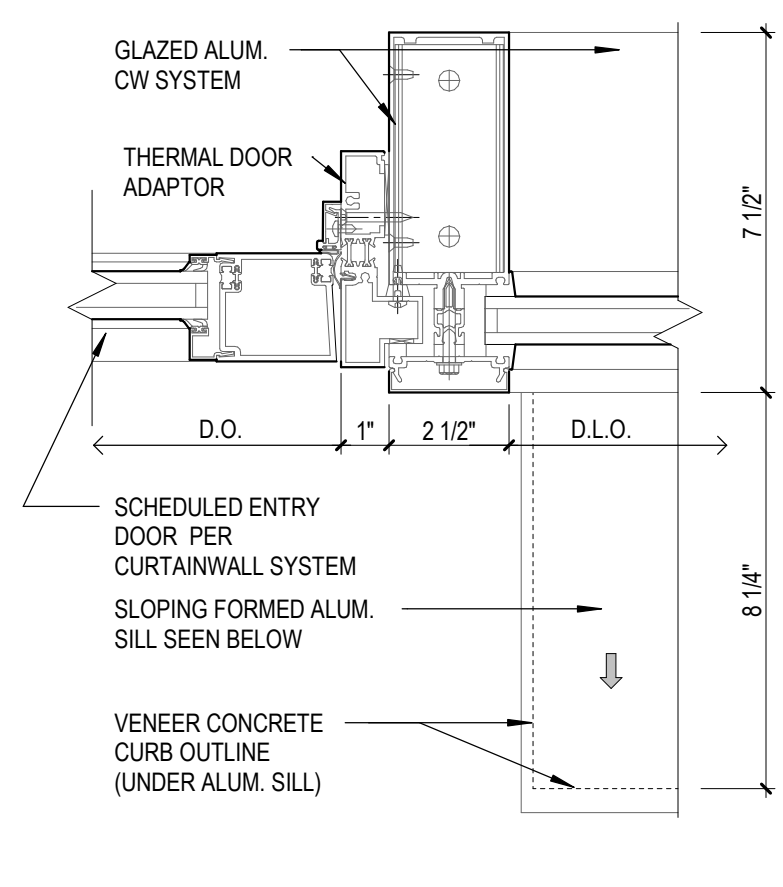
2 SECTION THROUGH MASONRY FASCIA ABOVE CURTAIN WALL AT HIGH POINT  
A721 SCALE: 1" = 1'-0"



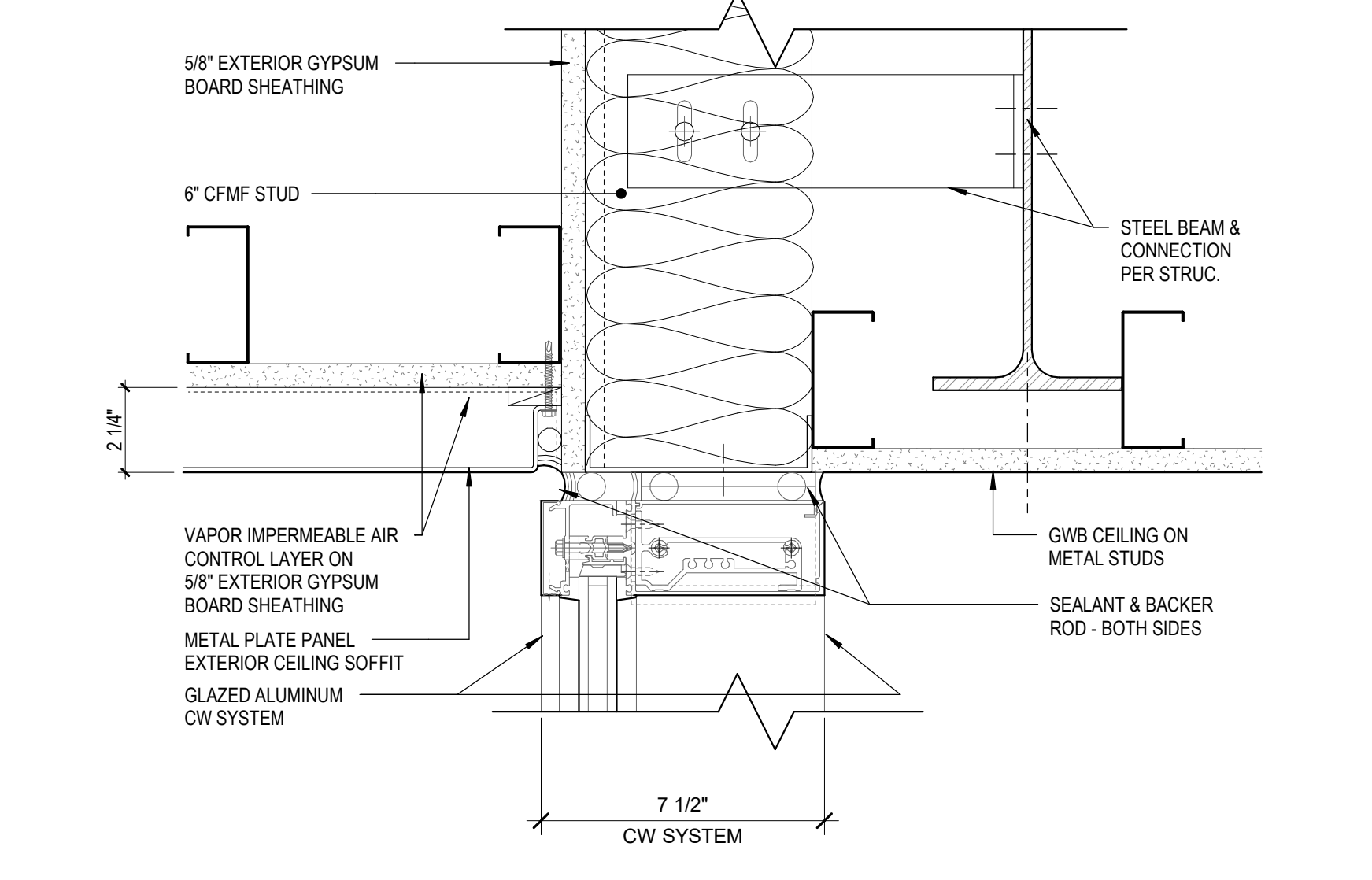
9 CW DOOR SILL & HEAD SECTION DETAIL  
A721 SCALE: 3" = 1'-0"



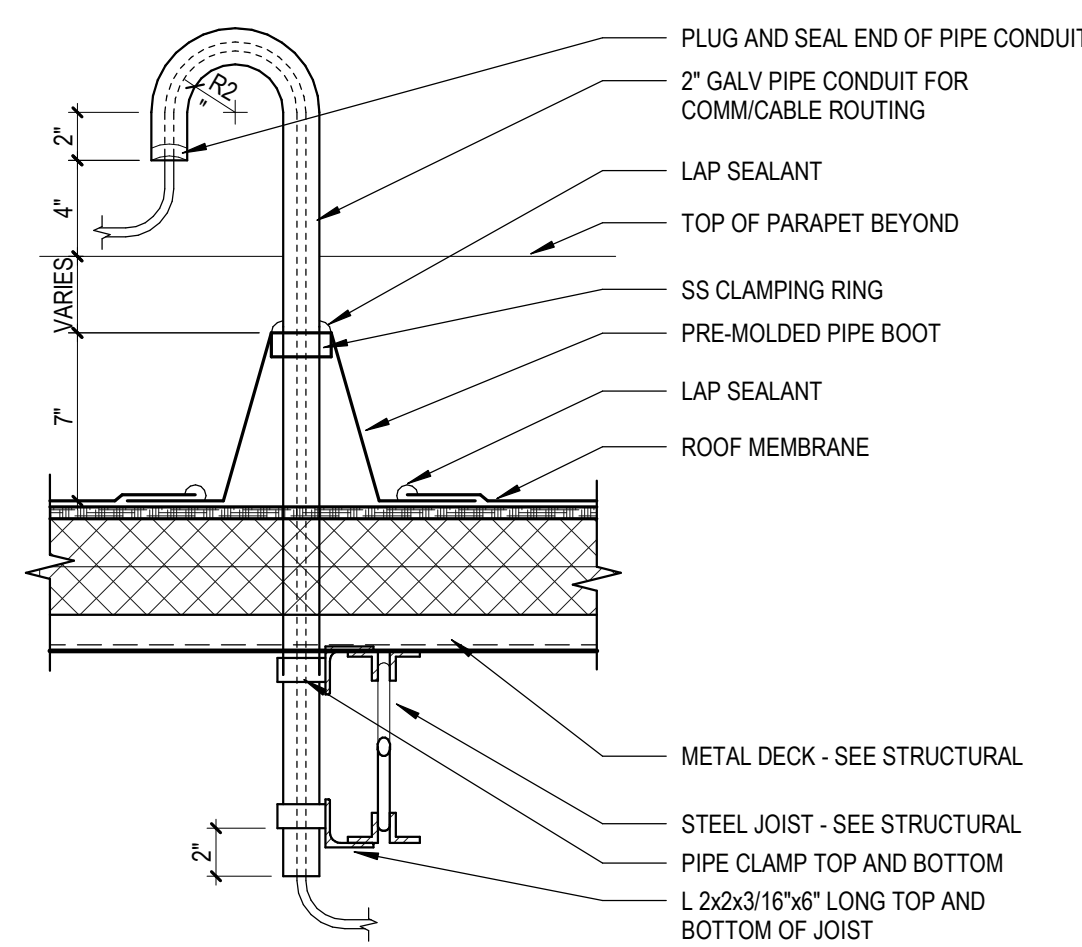
1 SECTION AT MULTI PURPOSE CURTAIN WALL SILL  
A721 SCALE: 1" = 1'-0"



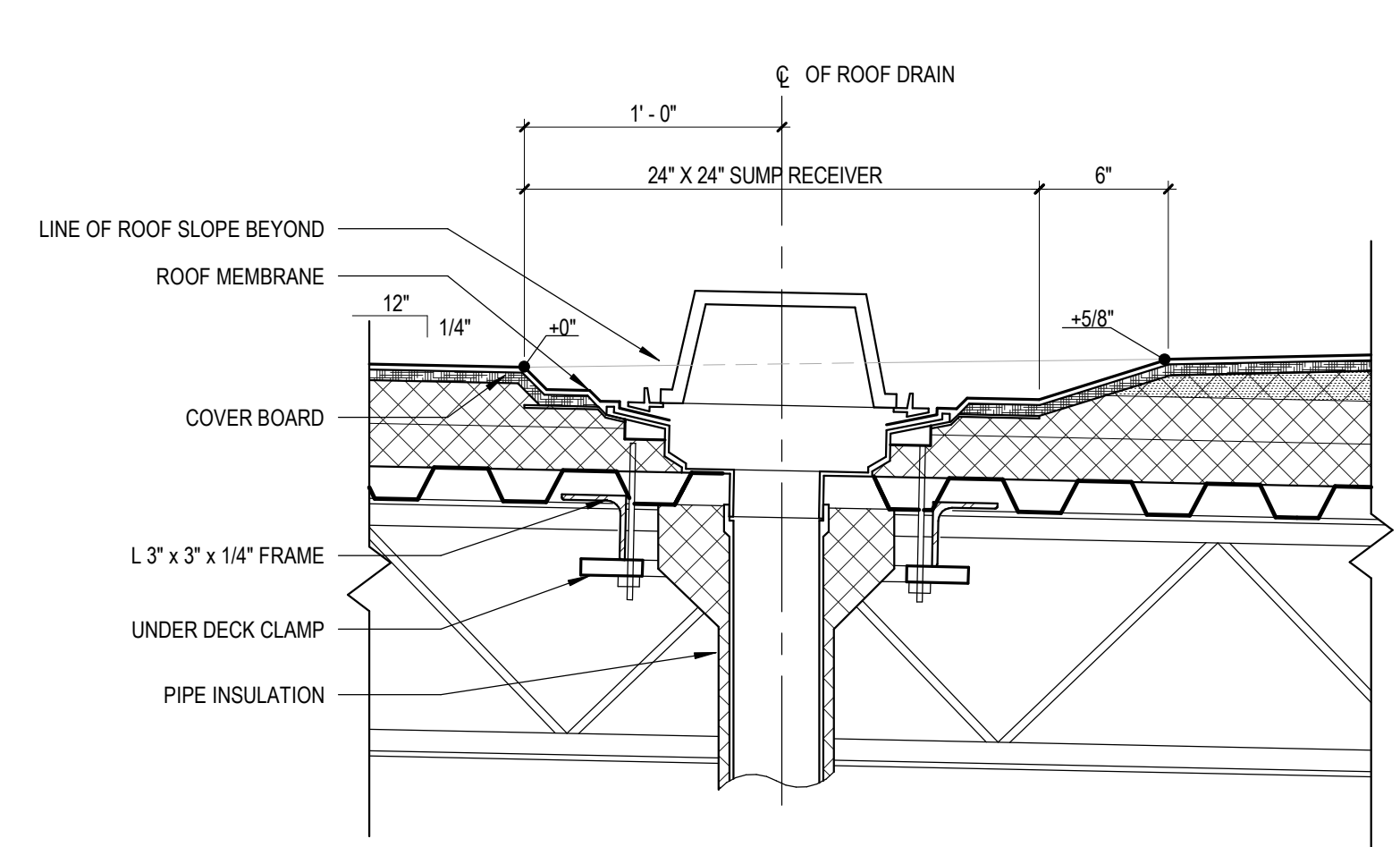
10 CW DOOR JAMB & WINDOW TRANSITION PLAN DETAIL  
A721 SCALE: 3" = 1'-0"



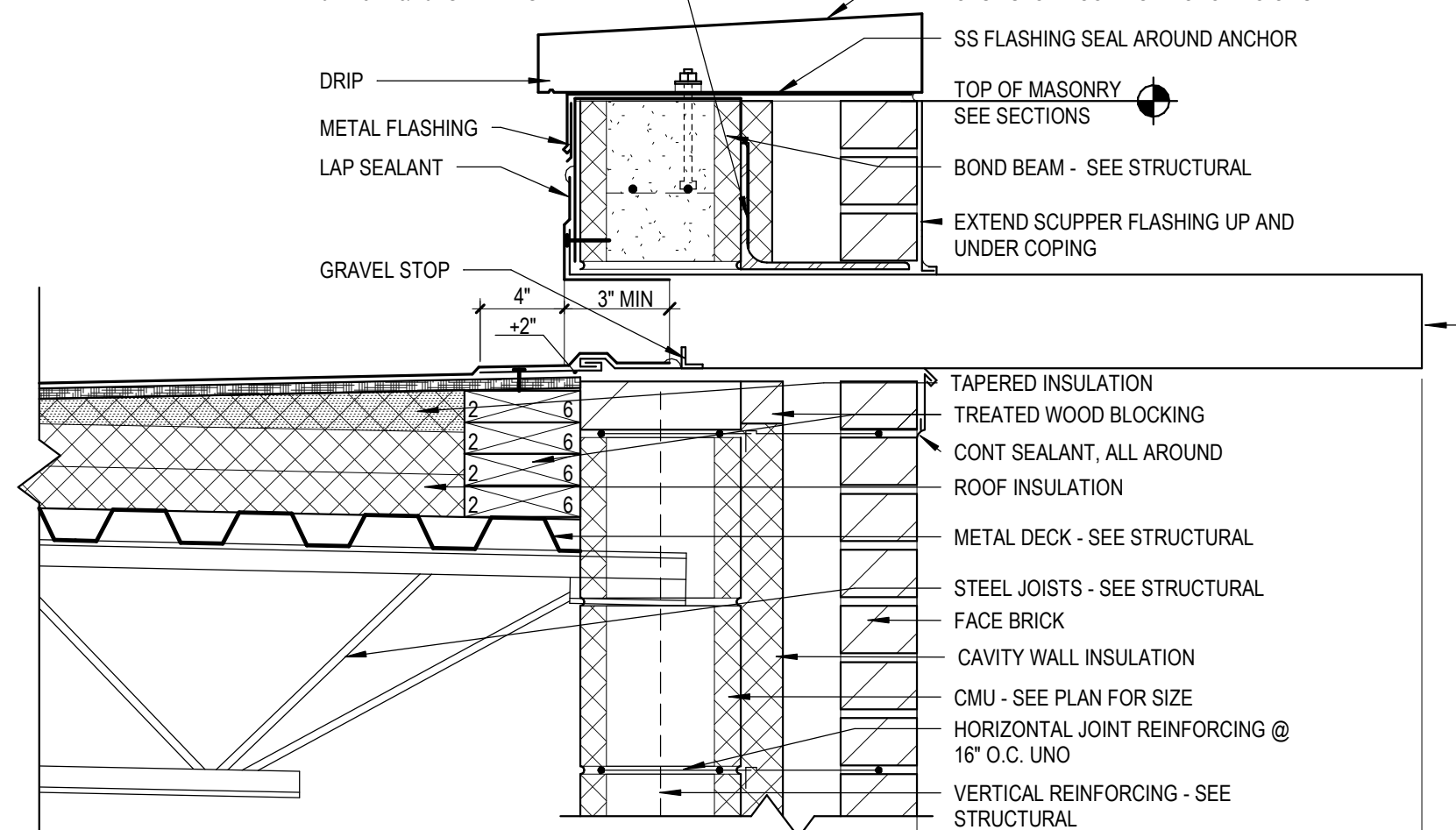
11 CW HEAD AT VESTIBULE / LOBBY CEILING  
A721 SCALE: 3" = 1'-0"



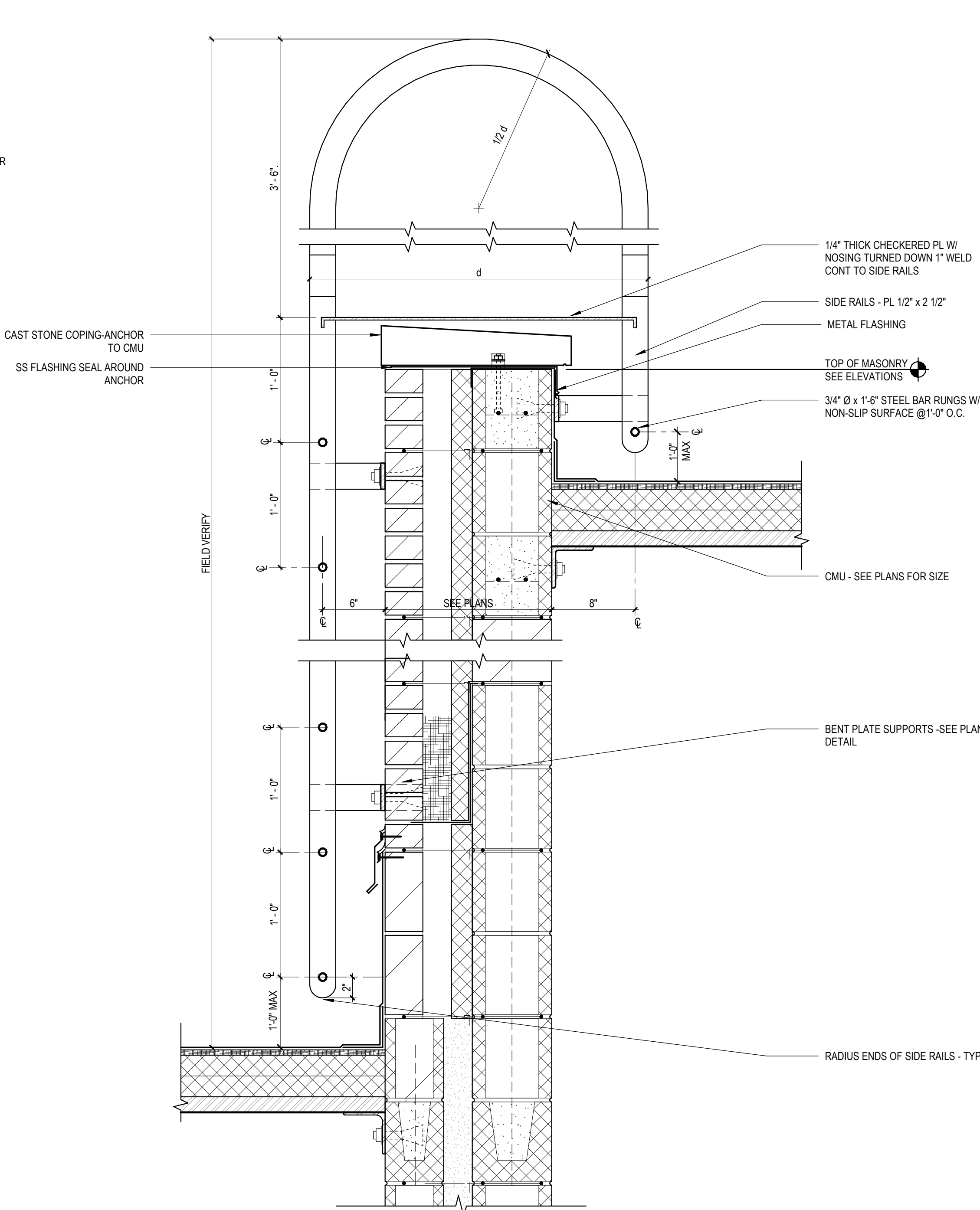
1 COMM/CABLE PENETRATION  
A722 SCALE: 1 1/2" = 1'-0"



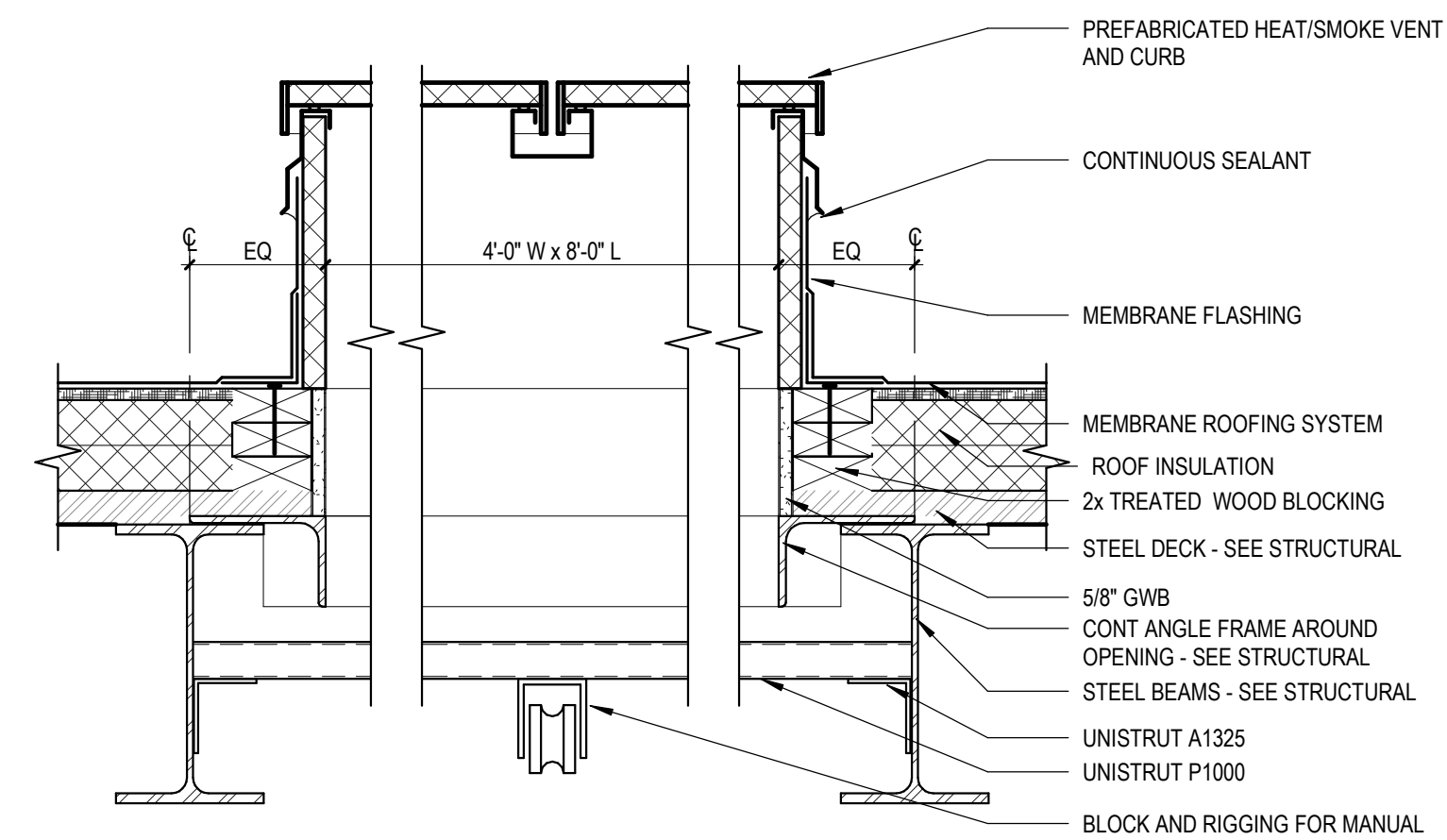
2 ROOF DRAIN DETAIL  
A722 SCALE: 1 1/2" = 1'-0"



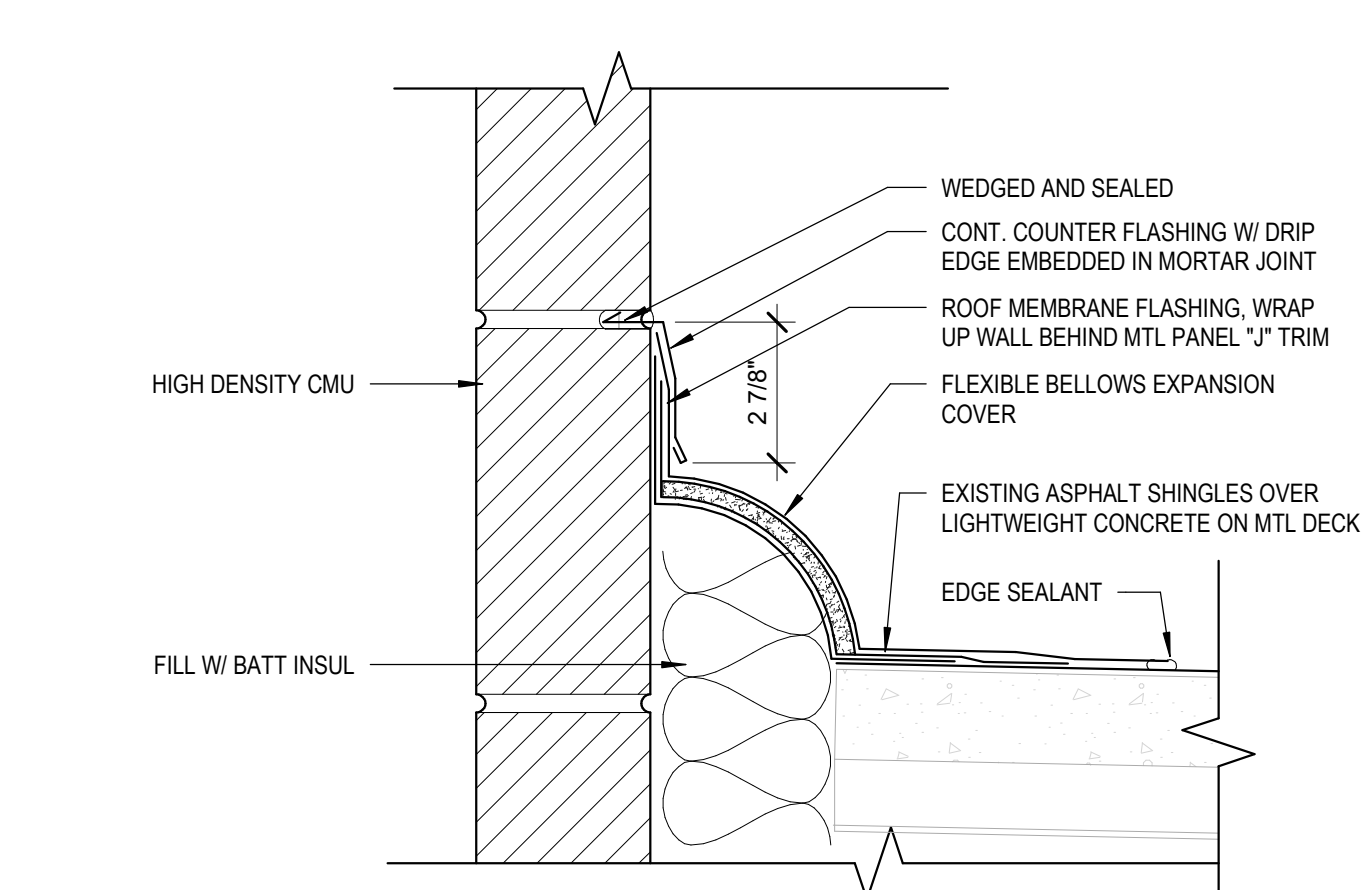
3 SCUPPER DETAIL  
A722 SCALE: 1 1/2" = 1'-0"



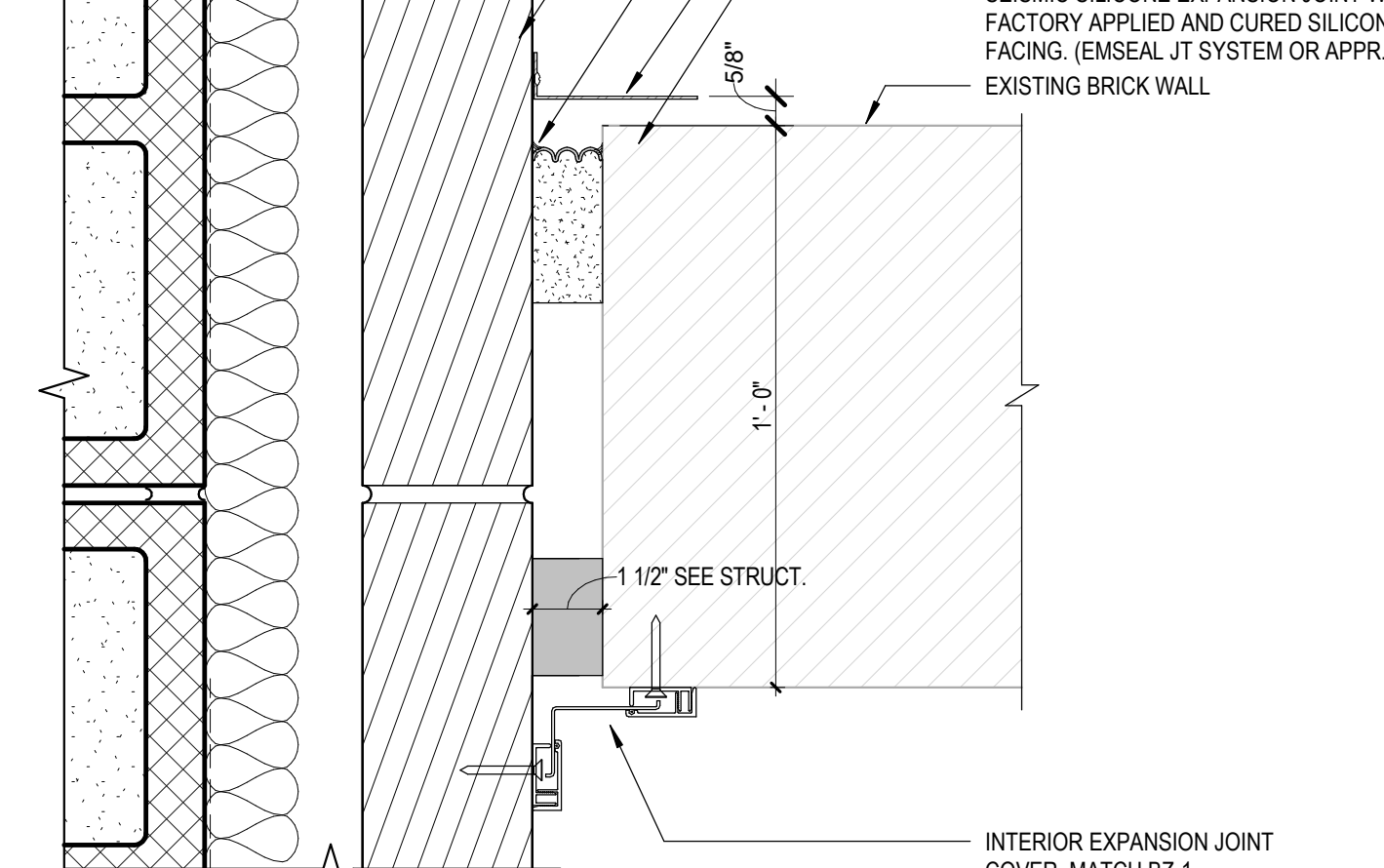
4 RF-LADDER FBRIK  
A722 SCALE: 1 1/2" = 1'-0"



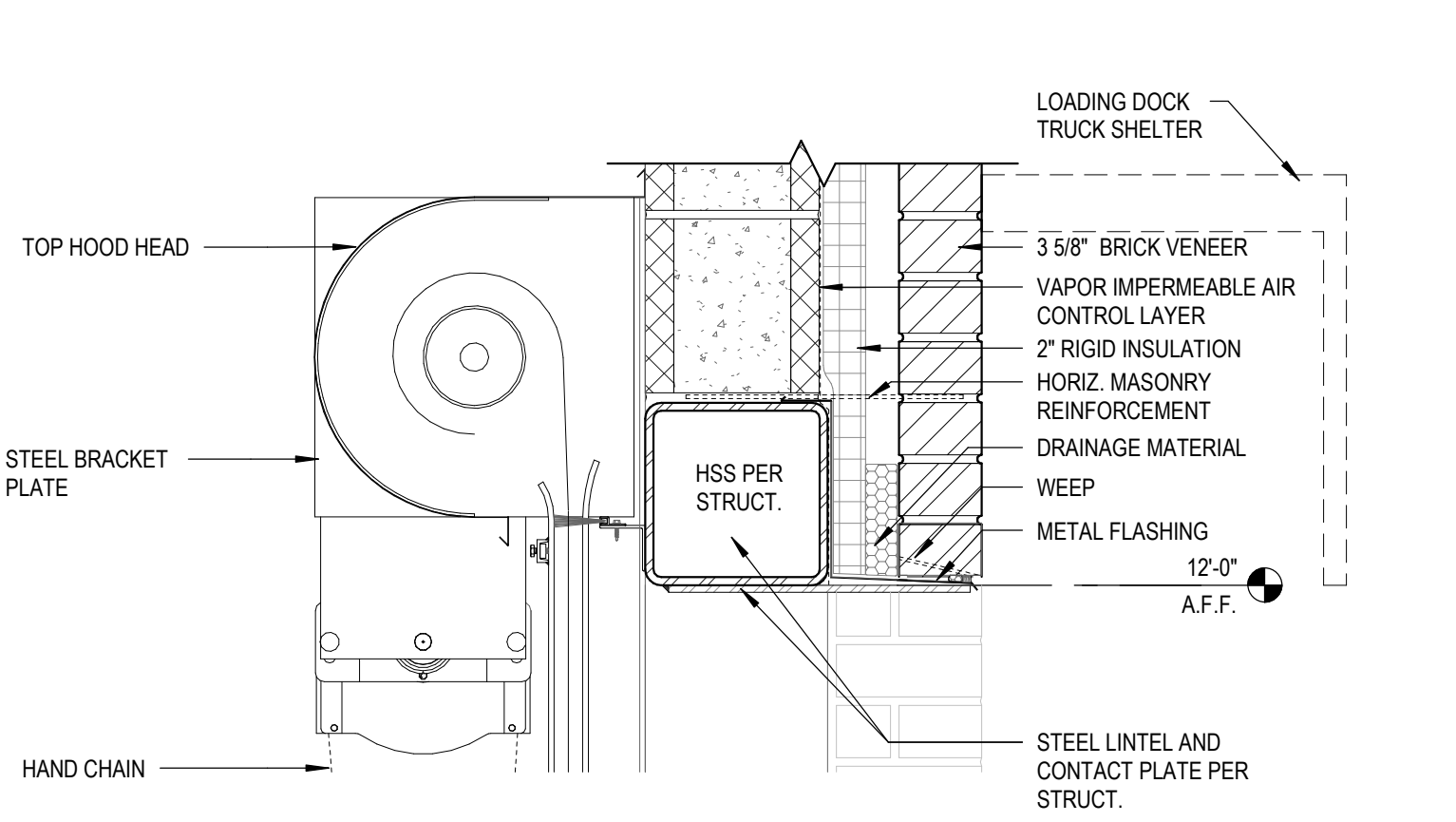
5 RF-VENT HEAT SMOKE BEAM  
A722 SCALE: 1 1/2" = 1'-0"



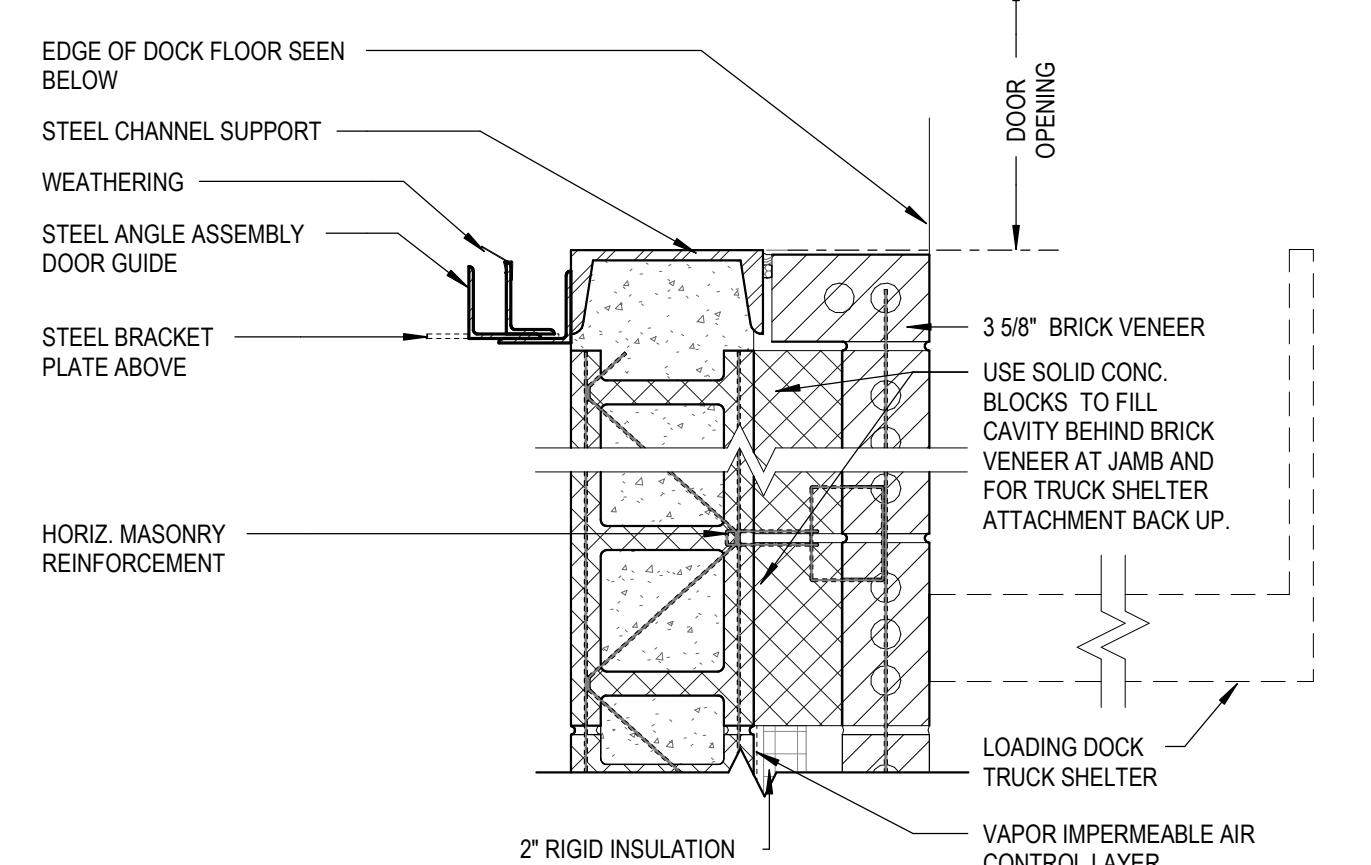
6 EXPANSION JOINT AT ROOF  
A722 SCALE: 3" = 1'-0"



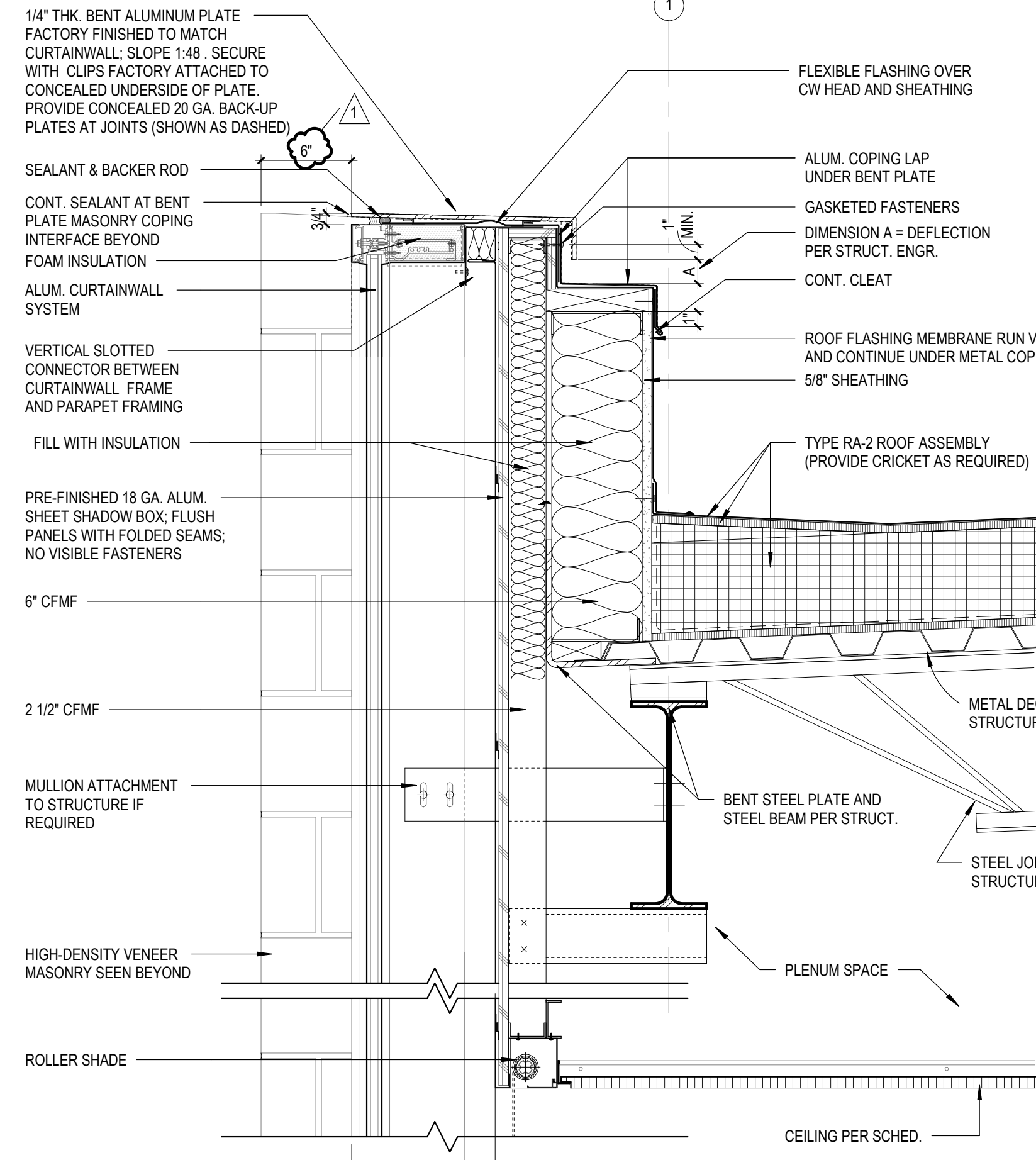
7 EXPANSION JT AT EXIST WALL  
A722 SCALE: 3" = 1'-0"



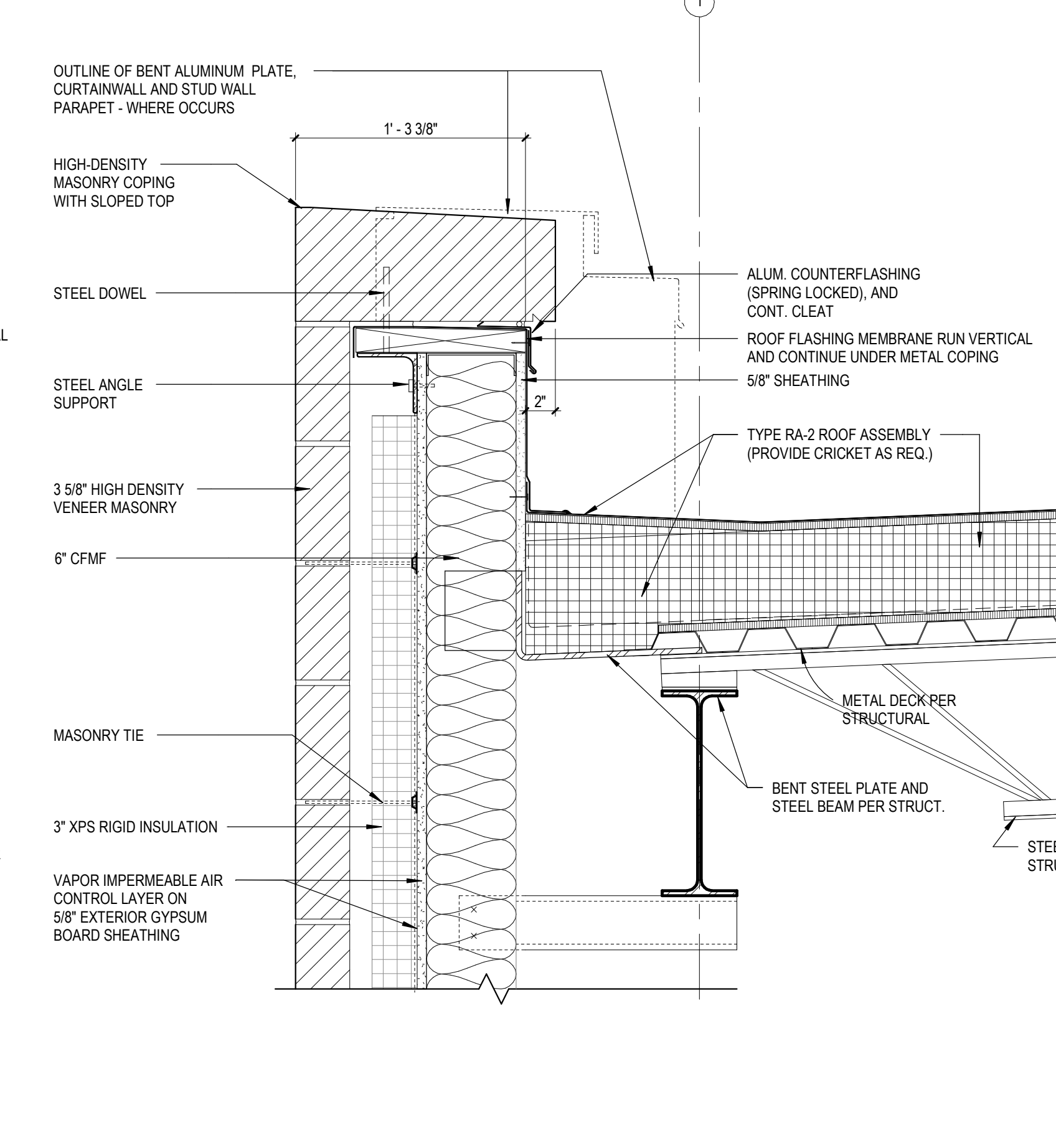
8 ROLL-UP DOOR HEAD  
A722 SCALE: 1 1/2" = 1'-0"



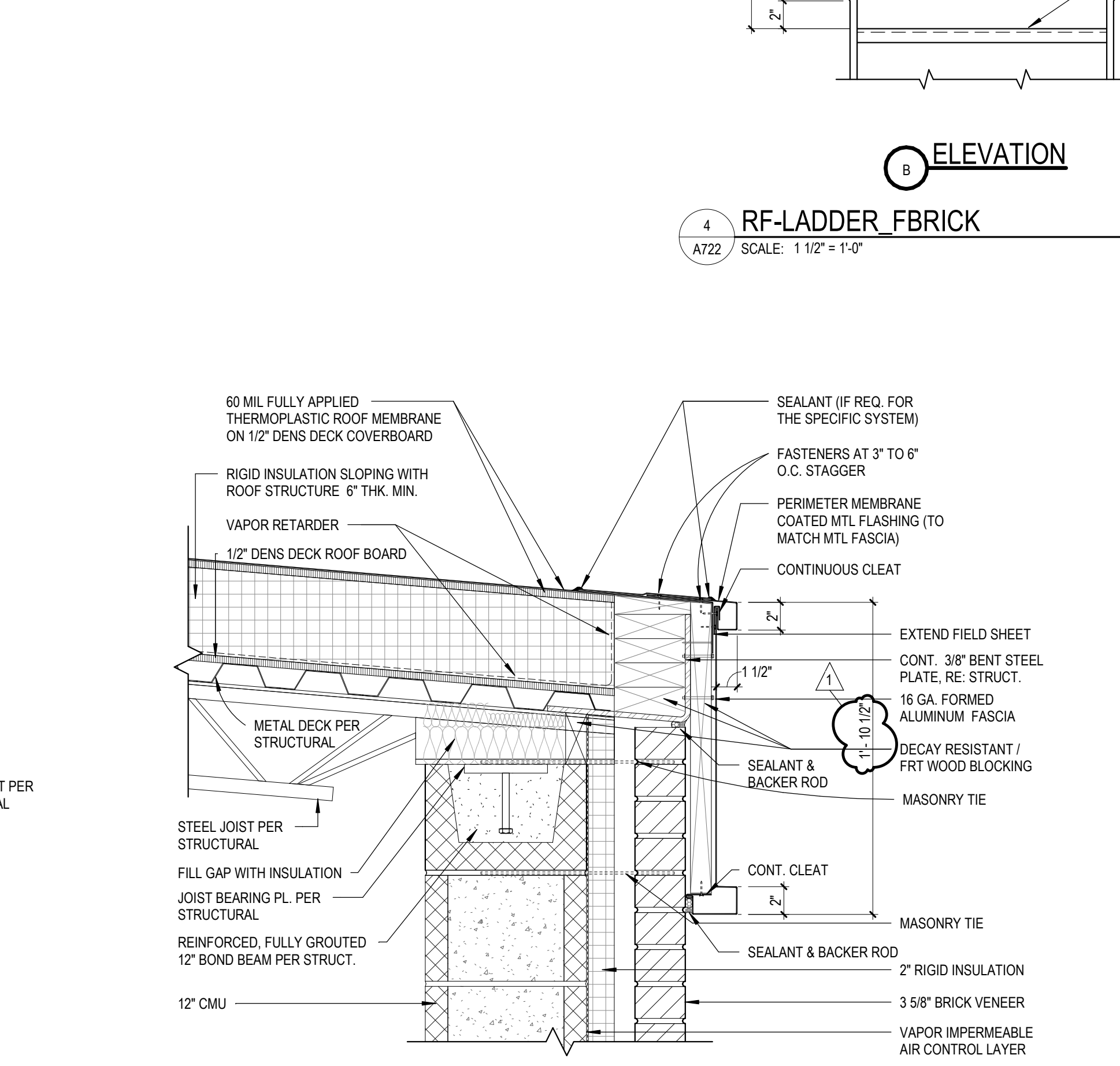
9 ROLL-UP DOOR JAMB  
A722 SCALE: 1 1/2" = 1'-0"



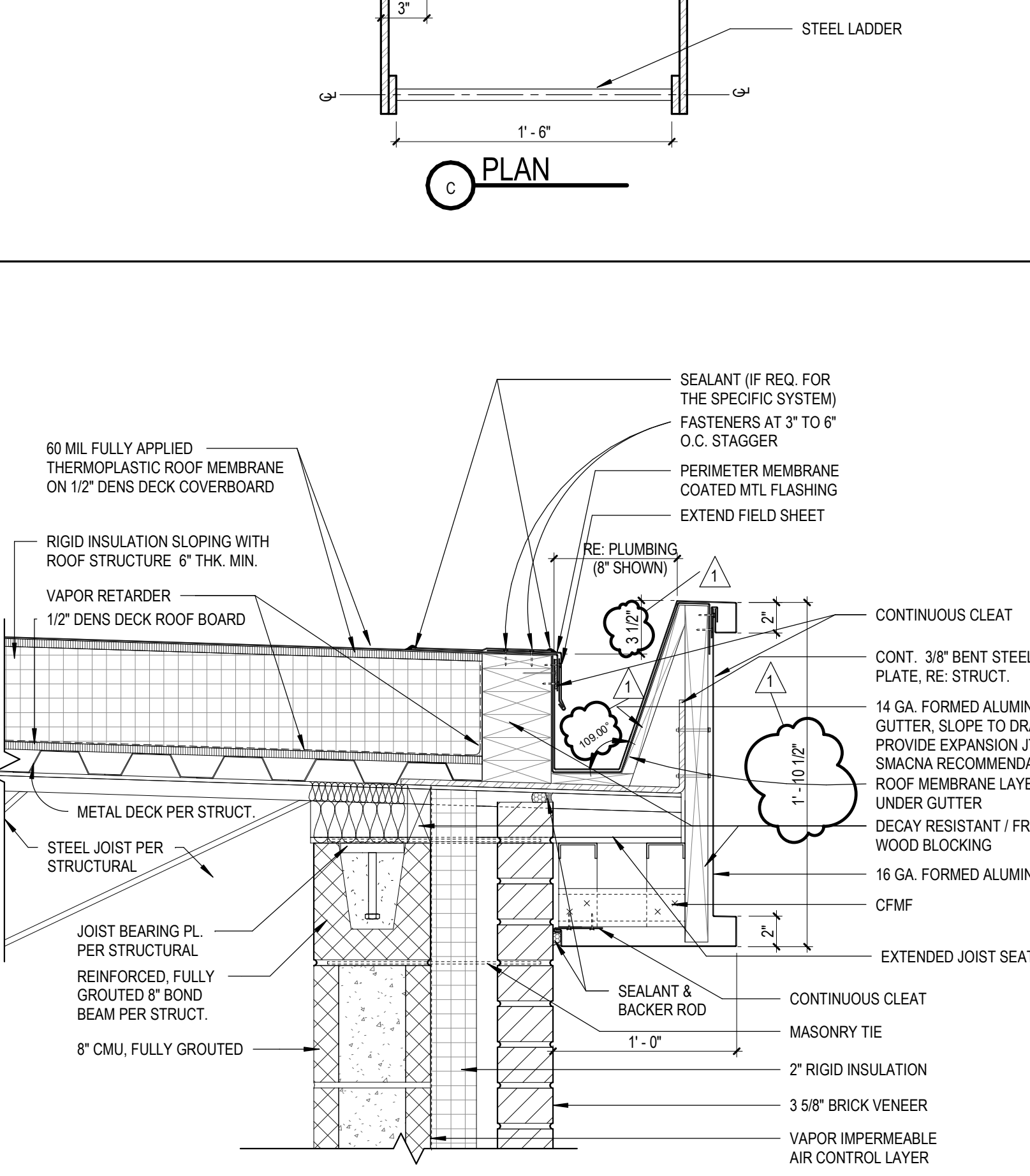
10 CW HEAD AT ROOF PARAPET  
A722 SCALE: 1 1/2" = 1'-0"



11 HIGH DENSITY MASONRY PARAPET  
A722 SCALE: 1 1/2" = 1'-0"

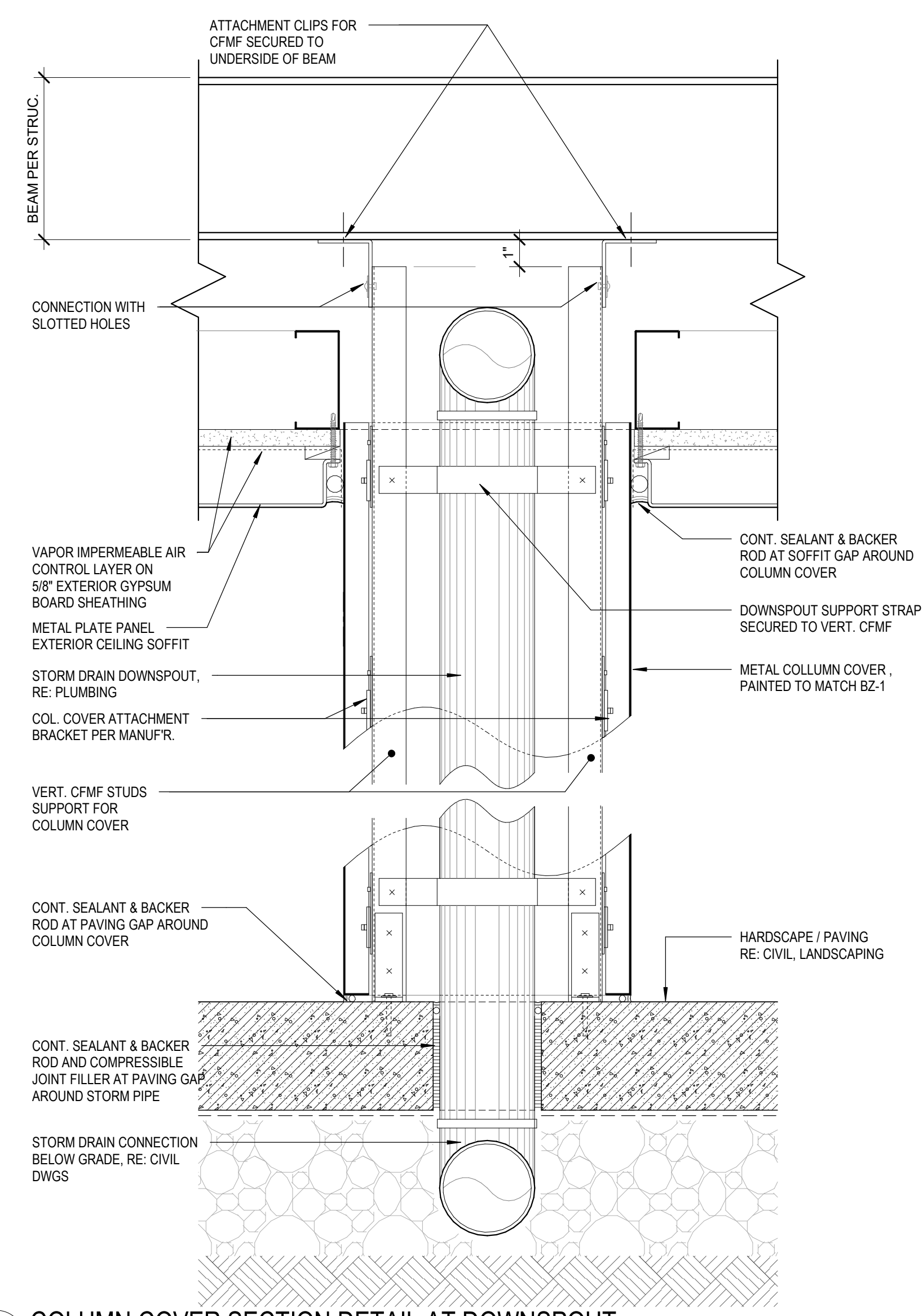


12 ROOF EDGE WITH METAL FASCIA  
A722 SCALE: 1 1/2" = 1'-0"

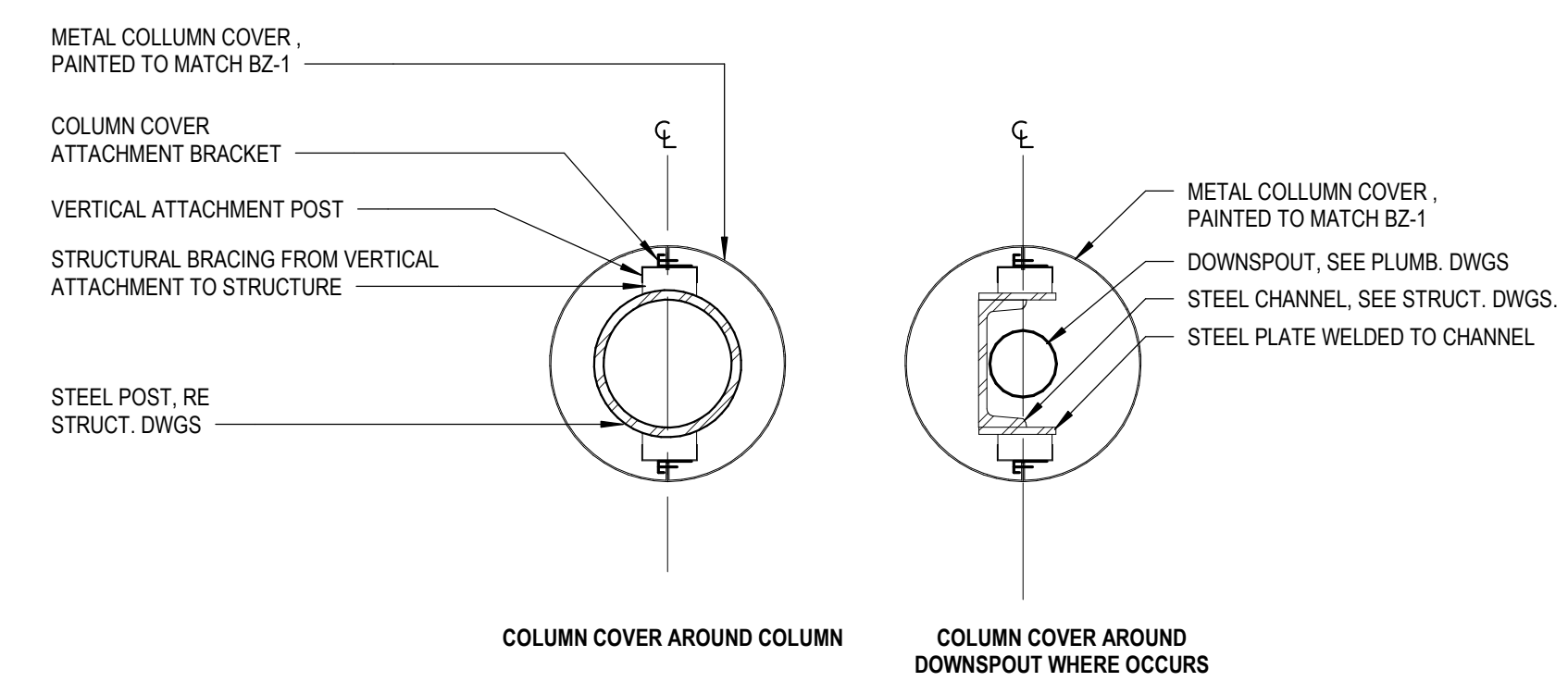


13 ROOF EDGE WITH METAL FASCIA & BUILT-IN GUTTER  
A722 SCALE: 1 1/2" = 1'-0"

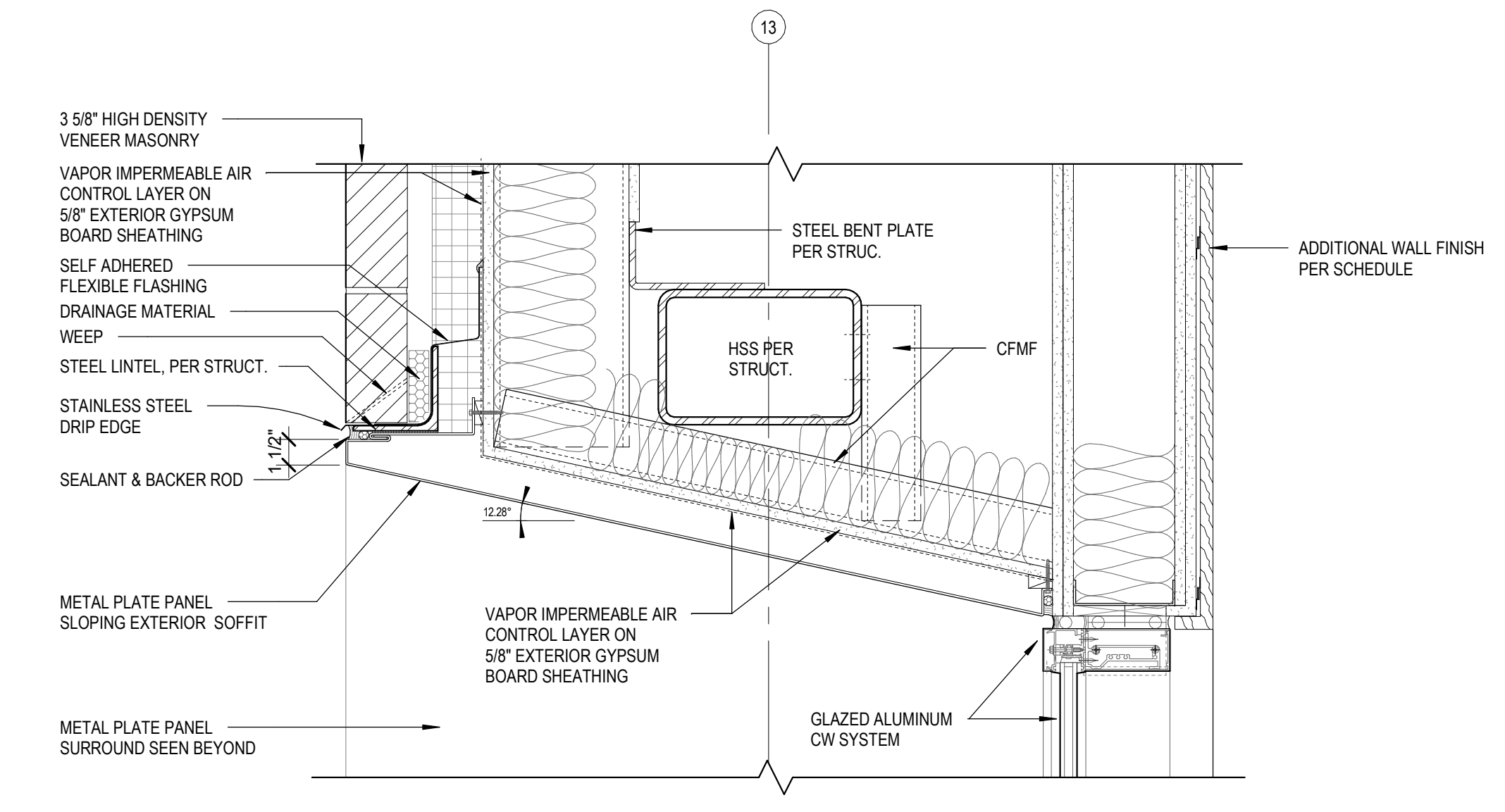
C:\Revised\18107\_00\_GC-CEPAC\_AR\_2018.mxd/0833W.mxd 12/11/2019 2:57:29 PM



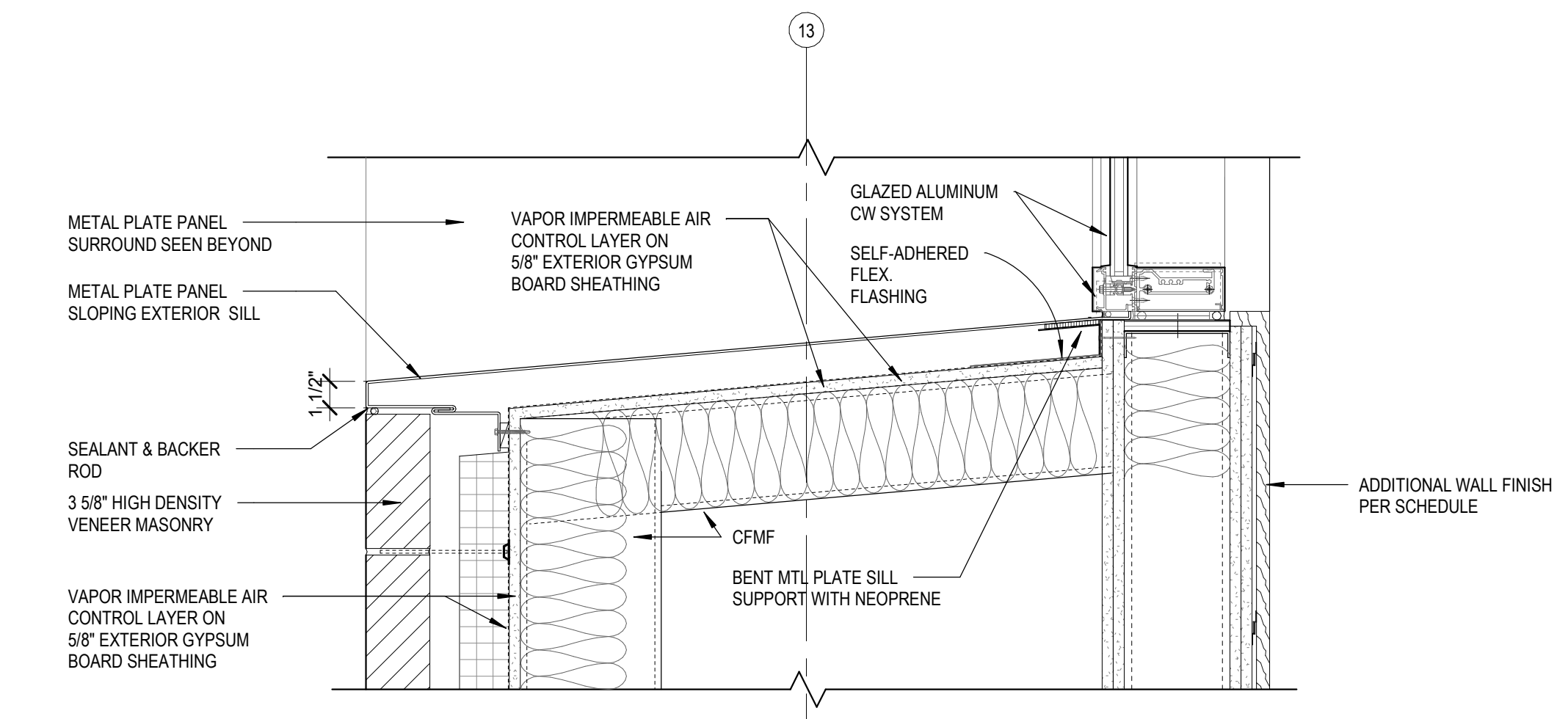
3 COLUMN COVER SECTION DETAIL AT DOWNSPOUT  
A723 / SCALE: 3" = 1'-0"



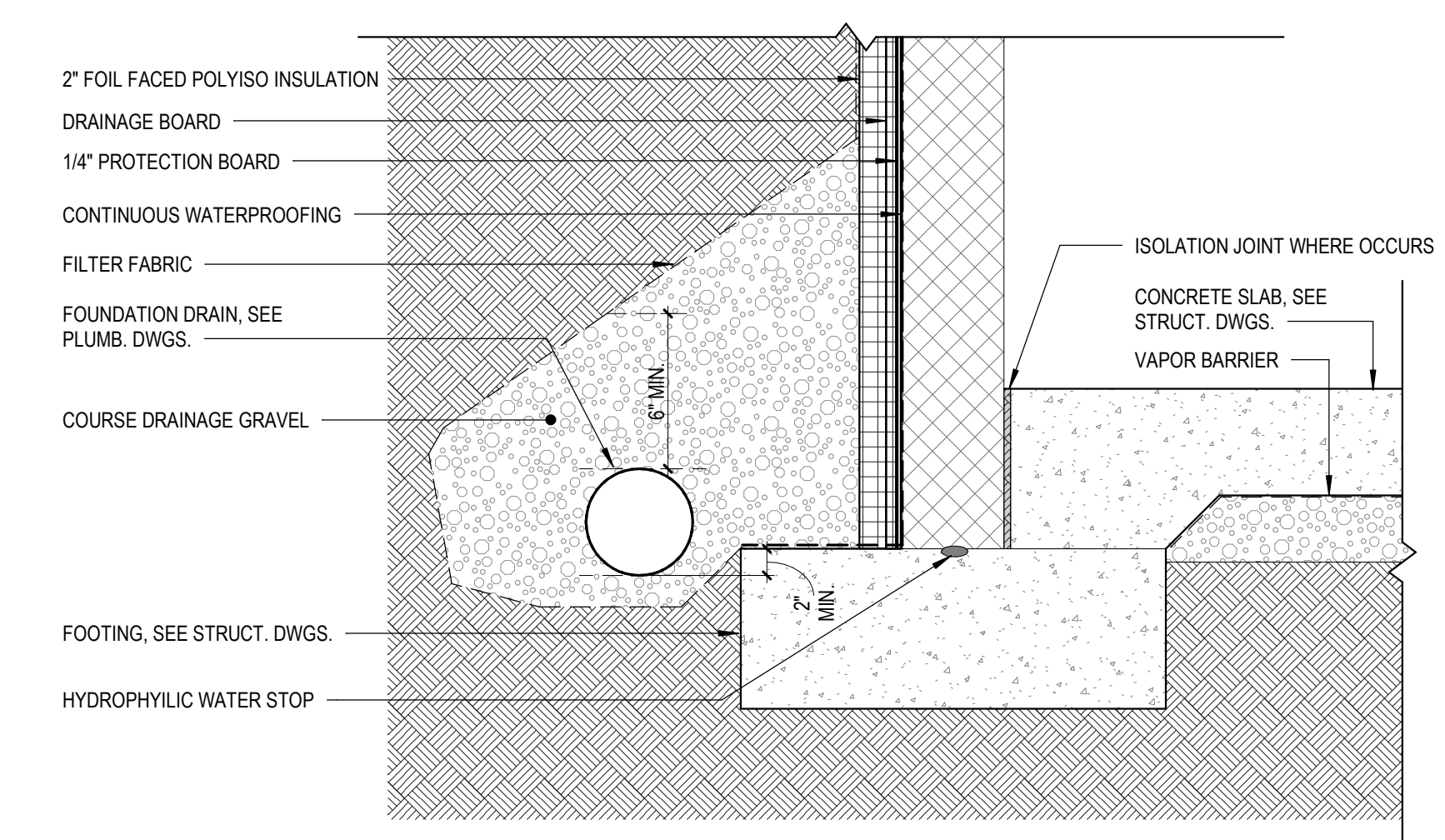
1 COLUMN COVER AT STEEL COLUMN AND DOWNSPOUT  
A723 / SCALE: 1 1/2" = 1'-0"



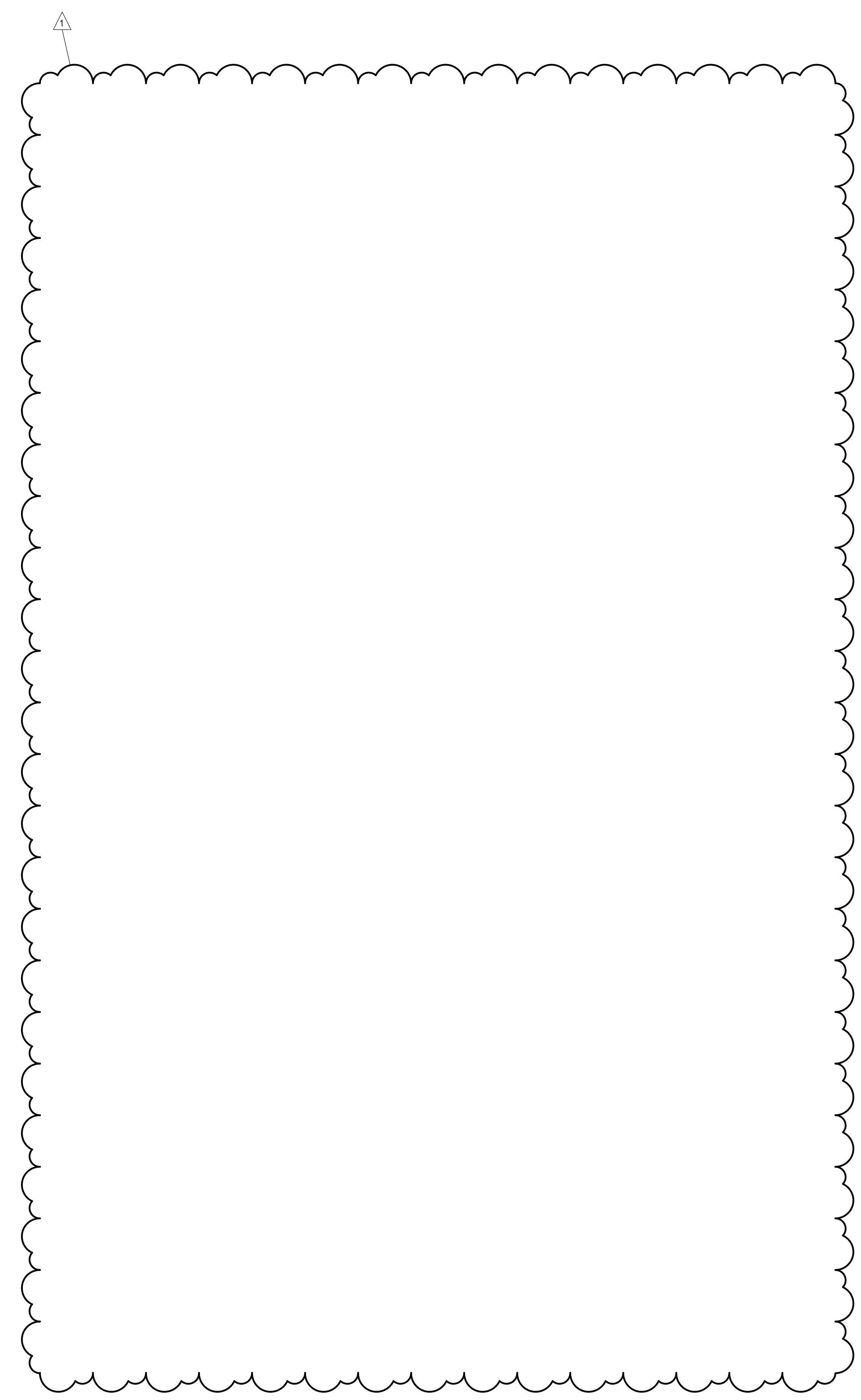
4 CW HEAD & SLOPING EXTERIOR SOFFIT AT WINDOW SURROUND  
A723 / SCALE: 1 1/2" = 1'-0"

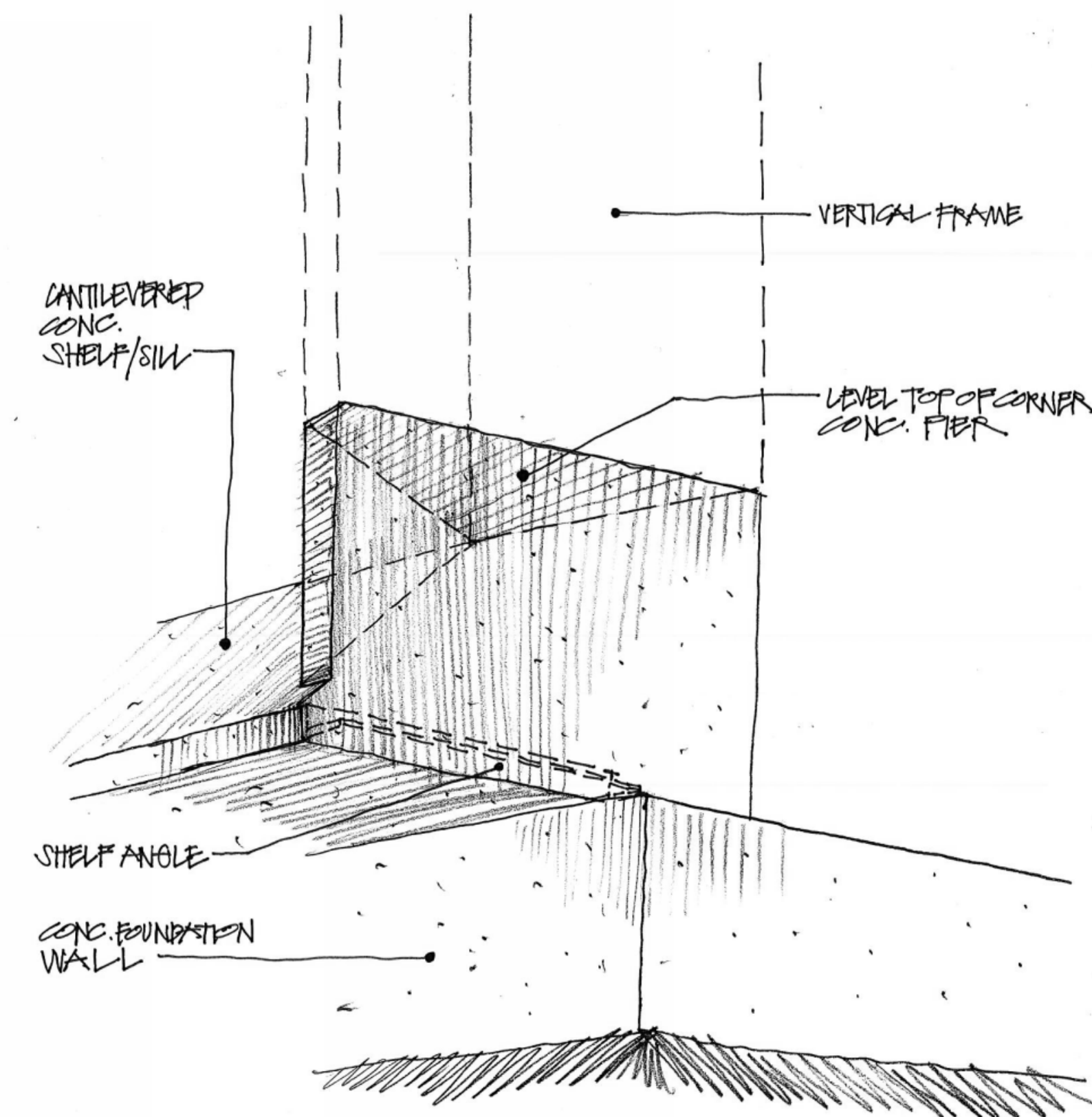


7 CW SILL & SLOPING EXTERIOR FLAT PLATE PANEL AT WINDOW SURROUND  
A723 / SCALE: 1 1/2" = 1'-0"

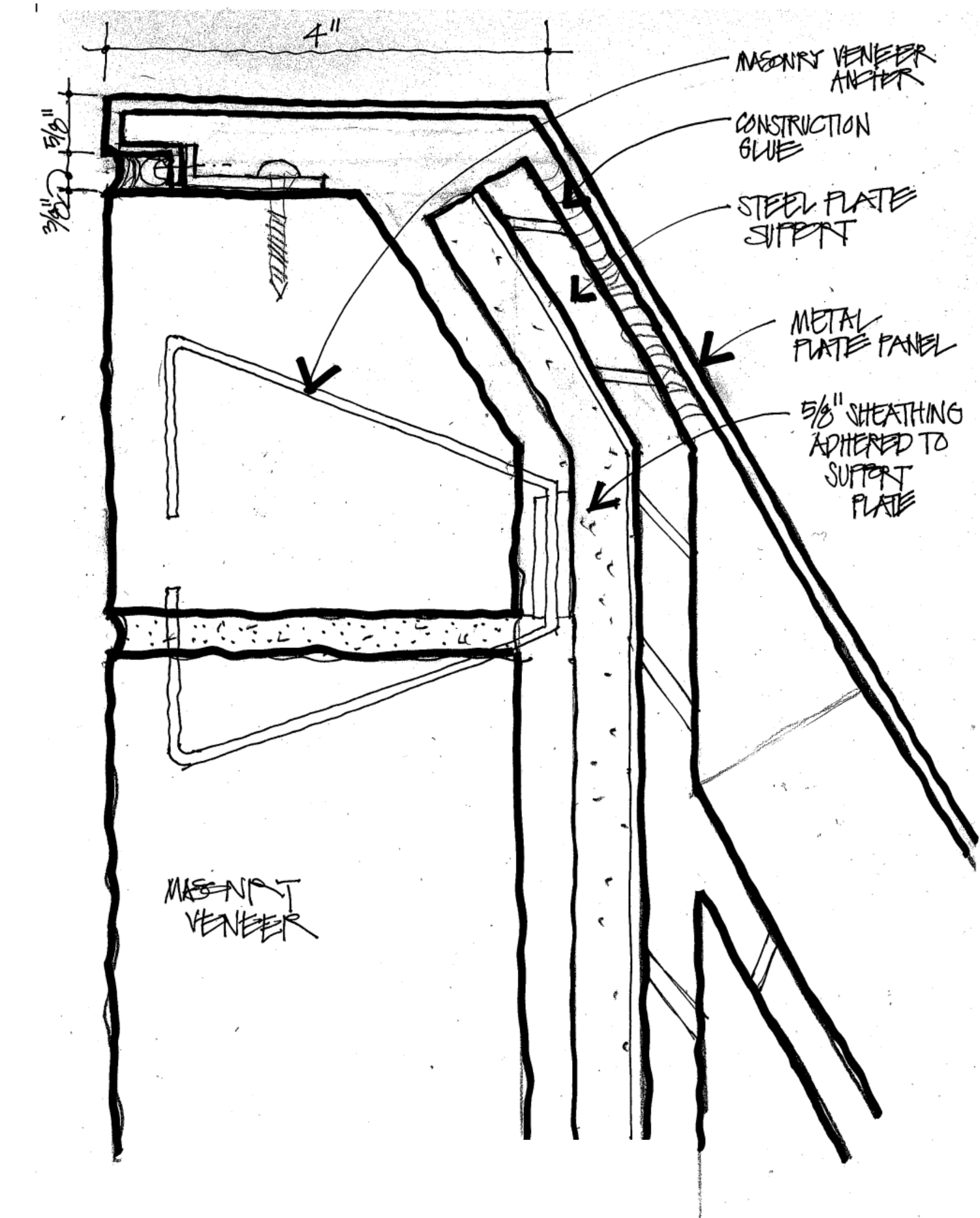


2 FOUNDATION DRAIN AT FOOTING  
A723 / SCALE: 1" = 1'-0"

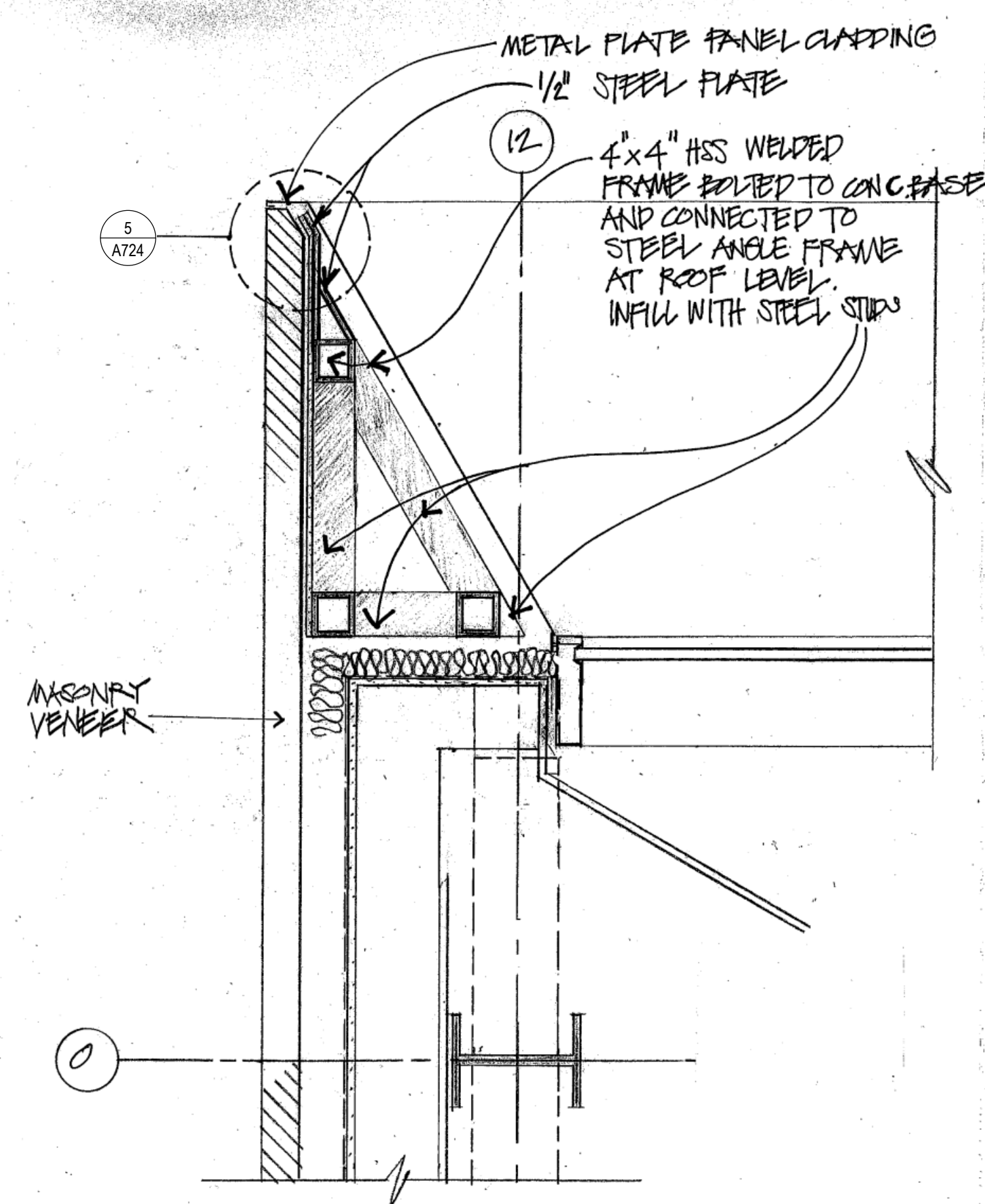




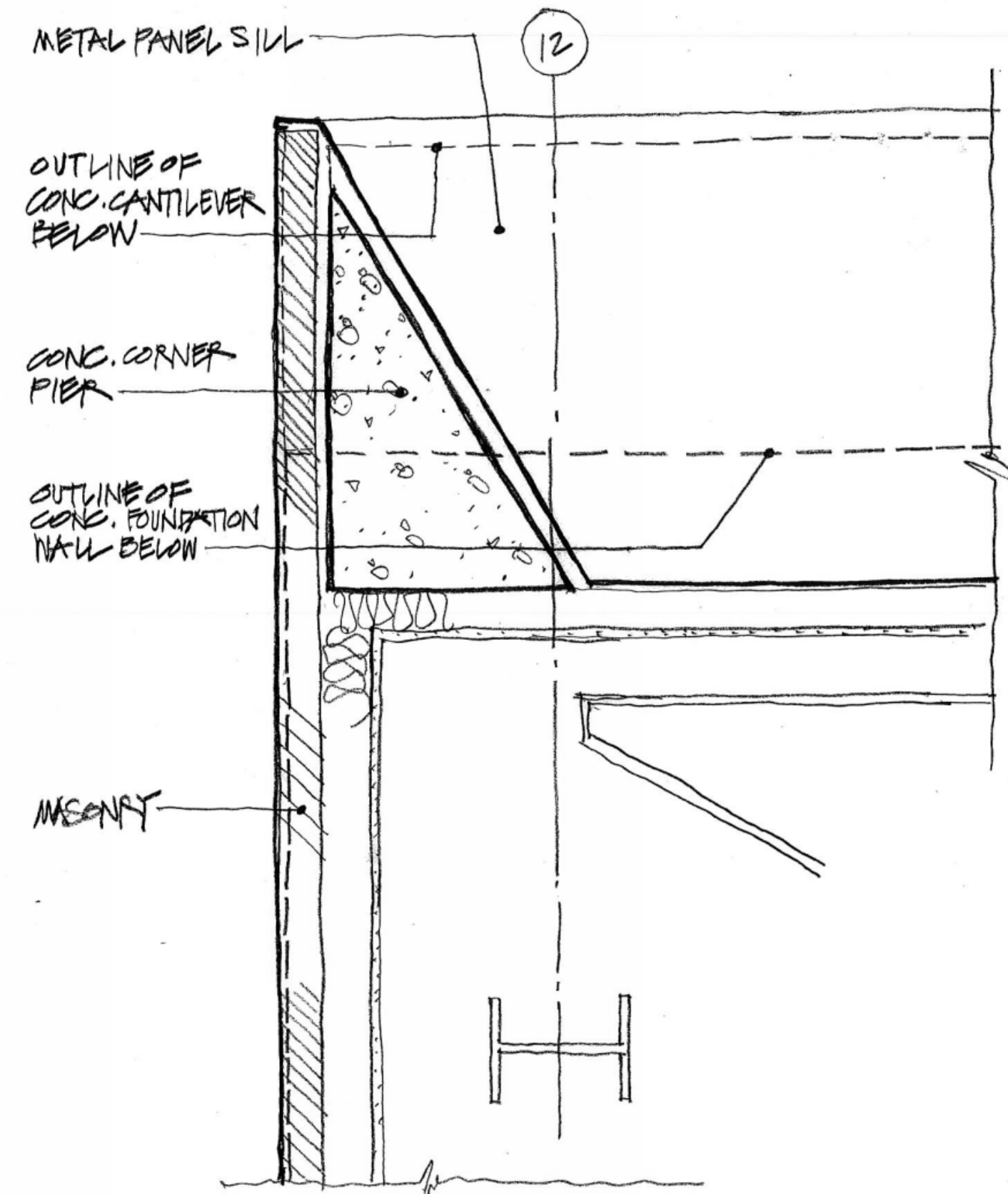
PERSPECTIVE - CONC. CANTILEER AT MULTIPURPOSE ROOM



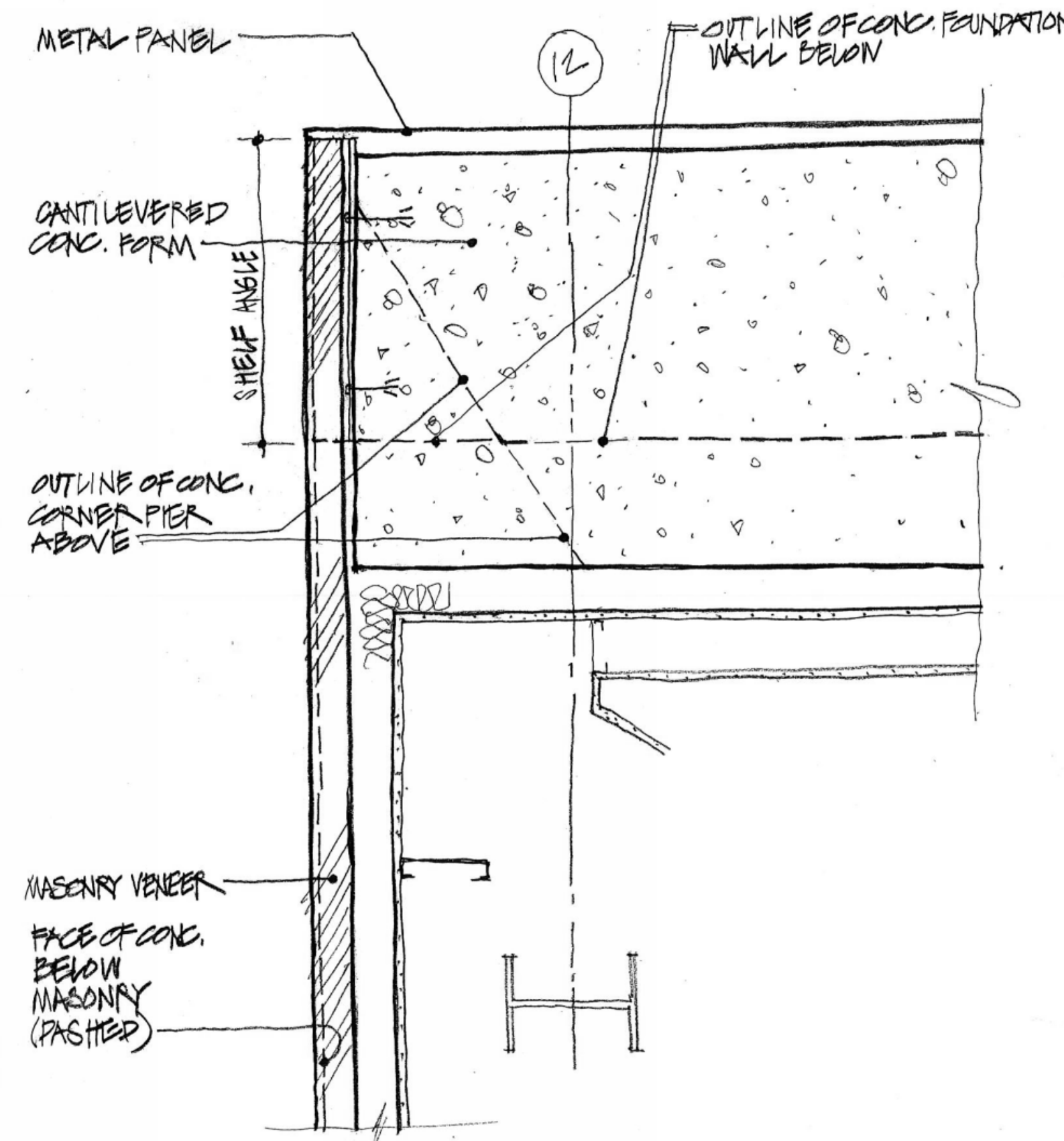
5 DETAIL - MASONRY / METAL PANEL JUNCTION  
A724 SCALE: 12" = 1'-0"



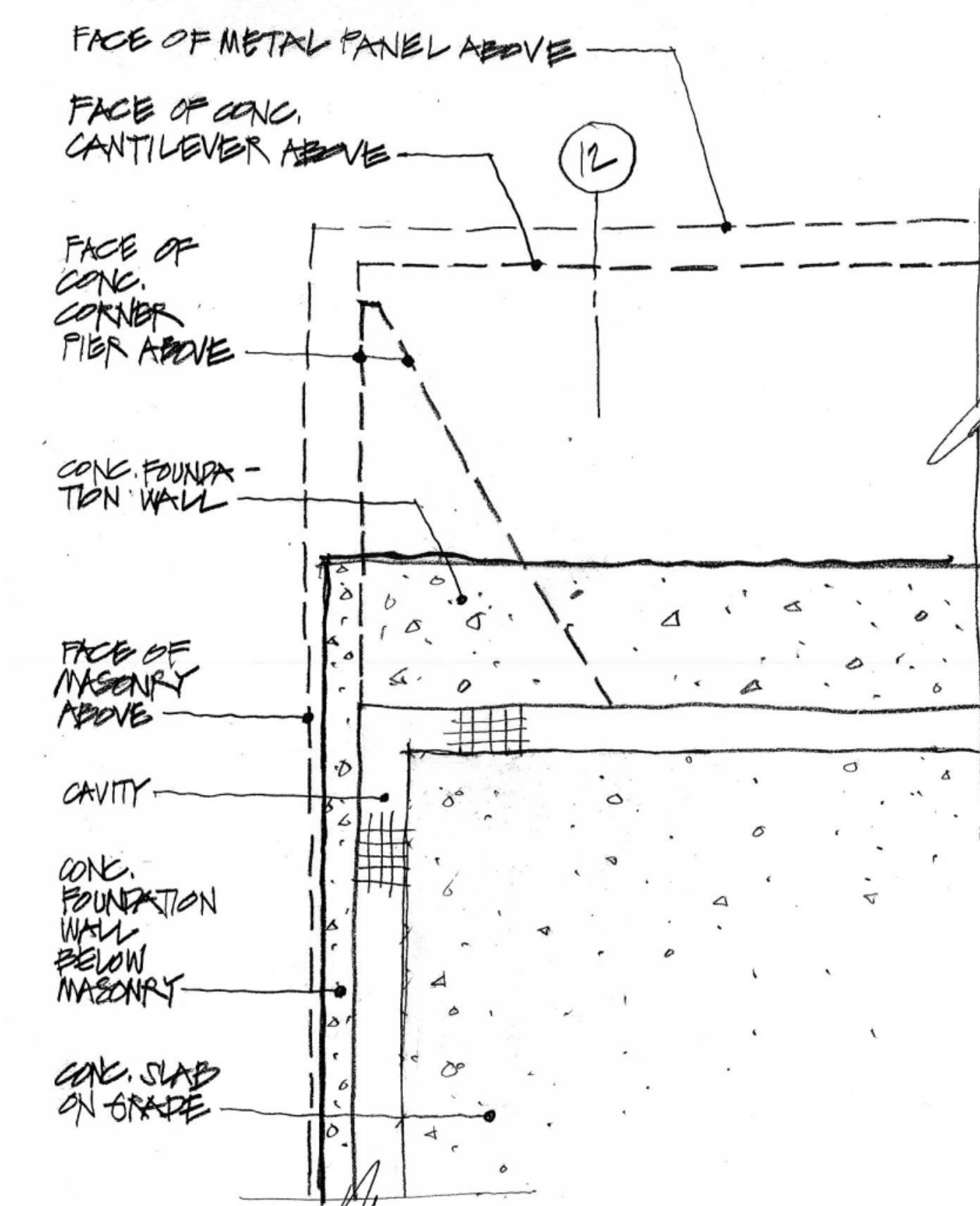
4 PLAN DETAIL - MULTI PURPOSE ROOM JAMB  
A724 SCALE: 1" = 1'-0"



3 PLAN DETAIL - AT TOP OF CONC. CANTILEVER AT MULTIPURPOSE ROOM JAMB  
A724 SCALE: 1" = 1'-0"



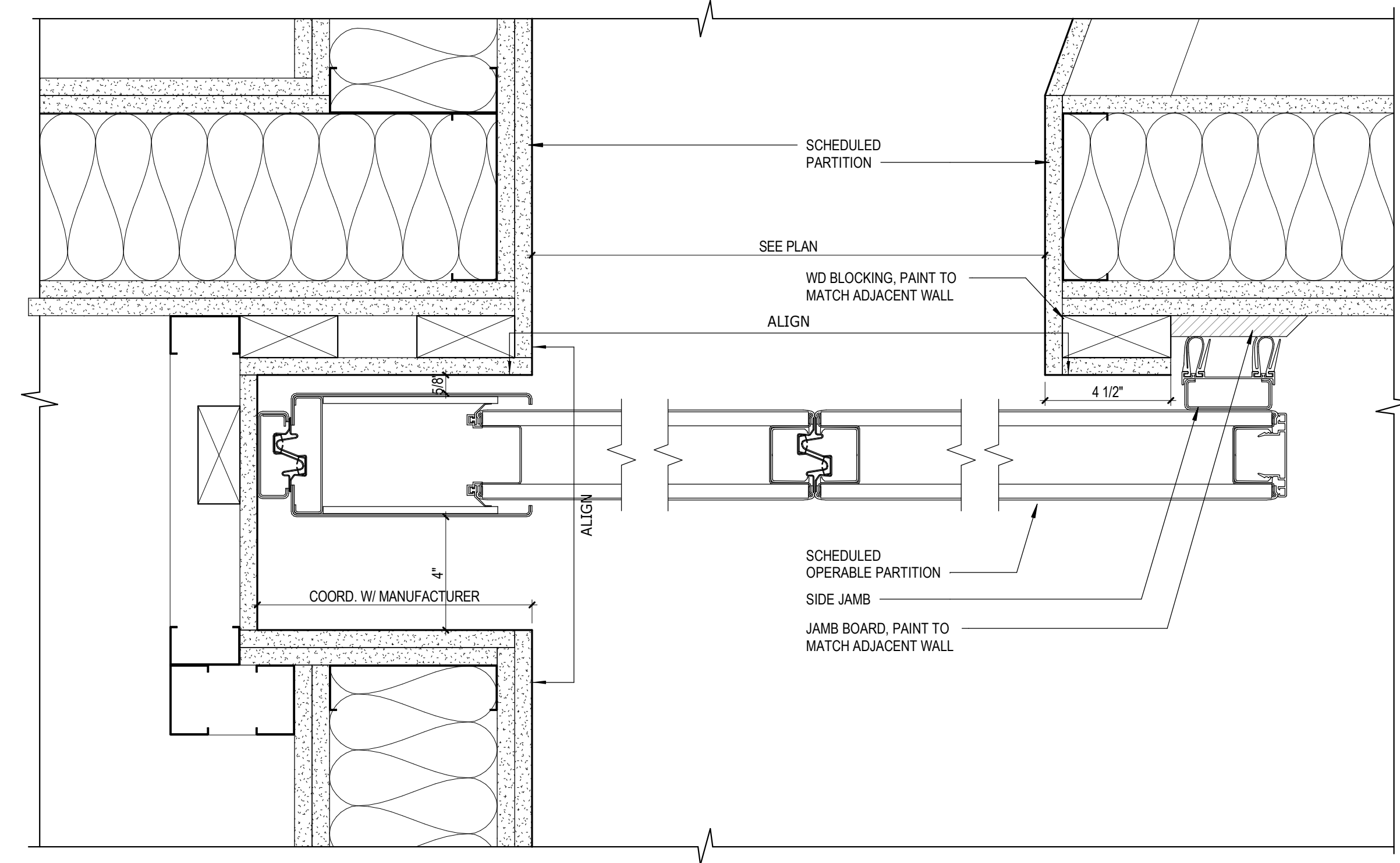
2 PLAN DETAIL - AT BOTTOM OF CONC. CANTILEVER AT MULTIPURPOSE ROOM JAMB  
A724 SCALE: 1" = 1'-0"



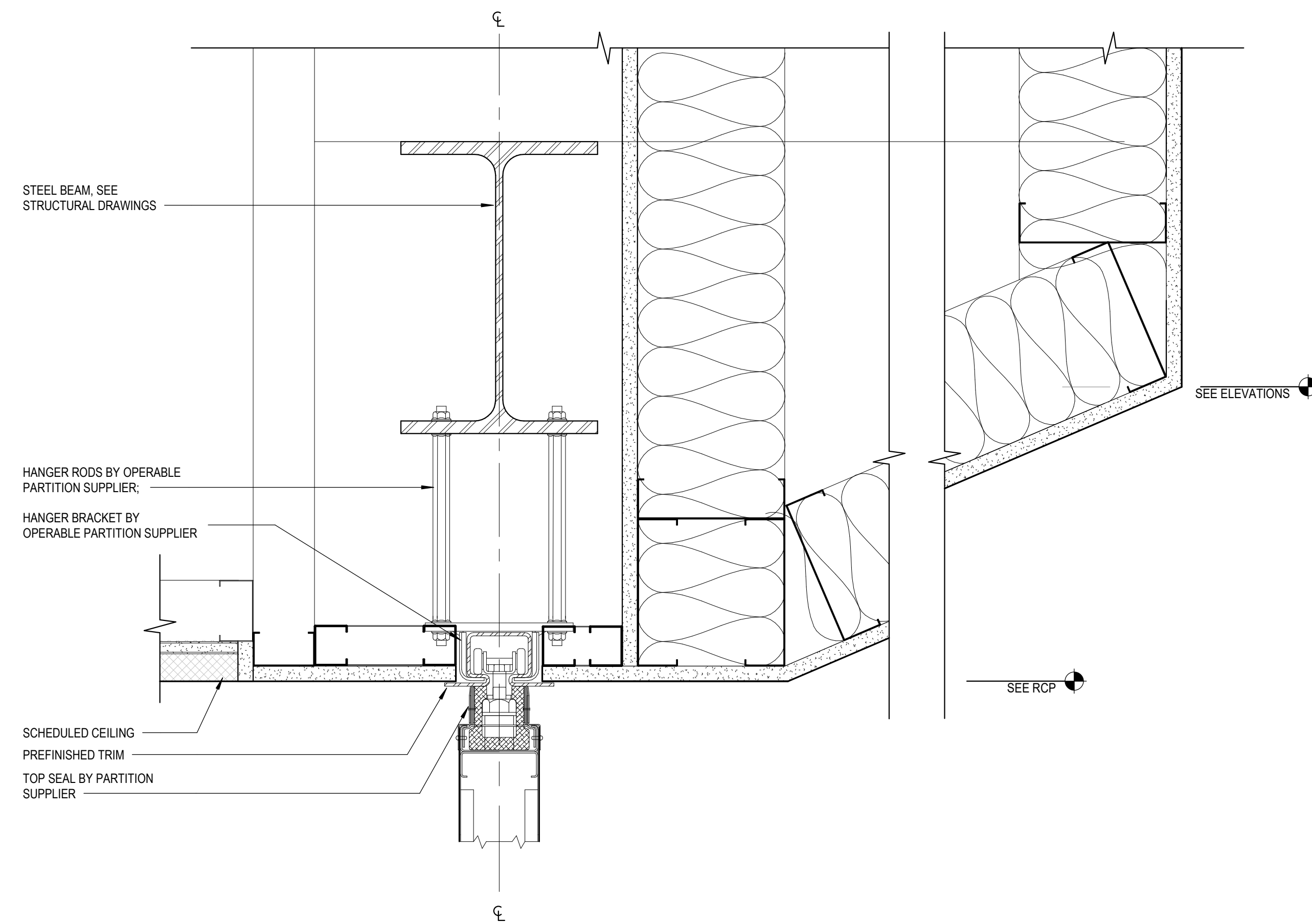
1 PLAN DETAIL - AT SLAB LEVEL AT MULTI PURPOSE ROOM JAMB  
A724 SCALE: 1" = 1'-0"

| _DOOR AND FRAME SCHEDULE_ |               |           |            |           |          |        |       |         |           |          |   |              |         |            |             |          |               |      |      |  |  |  |
|---------------------------|---------------|-----------|------------|-----------|----------|--------|-------|---------|-----------|----------|---|--------------|---------|------------|-------------|----------|---------------|------|------|--|--|--|
| NUMBER                    | DOOR PANEL    |           |            |           | PANEL    |        | FRAME |         | FRAME     |          | FIRE RATING                               | HARDWARE SET | DETAILS |            |             | COMMENTS | Door Security |      |      |  |  |  |
|                           | NO. OF PANELS | WIDTH     | HEIGHT     | THICKNESS | MATERIAL | FINISH | GLASS | TYPE    | DEPTH     | MATERIAL |   |              | FINISH  | TYPE       | HEAD        |          |               | JAMB | SILL |  |  |  |
| 800                       | 2             | 3'-4"     | 7'-0"      | 1/2"      | GL       |        | H     | 0"      | ALUM      |          | FRAMELESS                                 |              | 2A903   | 3A903      |             |          | No            |      |      |  |  |  |
| 801                       | 2             | 3'-6"     | 9'-0"      | 1/2"      | AL/CL    |        | I     | 7'-1/2" | ALUM      |          | CURTAINWALL FRAME                         |              | 9A721   | 10A721     |             |          | Yes           |      |      |  |  |  |
| 801.1                     | 1             | 3'-6"     | 9'-0"      | 1/2"      | AL/CL    |        | L     | 7'-1/2" | ALUM      |          | CURTAINWALL FRAME                         |              | 9A721   | 10A721     |             |          | Yes           |      |      |  |  |  |
| 801.2                     | 1             | 3'-6"     | 9'-0"      | 1/2"      | GL       |        | G     | 0"      | ALUM      |          | FRAMELESS                                 |              | 2A903   | 3A903      |             |          | No            |      |      |  |  |  |
| 802                       | 11            | 0'-4 1/2" | 21'-0"     | 3"        | Fabric   | PP-6   | M     |         | Fabric    | PP-6     |   |              |         |            |             |          | No            |      |      |  |  |  |
| 802A                      | 2             | 4'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | D     | 8'-7/8" | WD        | PTD      |   |              | 4A904   | 3A904      |             |          | No            |      |      |  |  |  |
| 803                       | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | A     | 4'-1/2" | WD        | PTD      |   |              | 2A904   | 1A904      |             |          | No            |      |      |  |  |  |
| 803.1                     | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | D     | 8'-7/8" | WD        | PTD      |   |              | 4A904   | 3A904      |             |          | No            |      |      |  |  |  |
| 803.2                     | 11            | 0'-4 1/2" | 21'-0"     | 3"        | Fabric   | PP-6   | M     |         | Fabric    | PP-6     |   |              |         |            |             |          | No            |      |      |  |  |  |
| 803A                      | 2             | 4'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | D     | 8'-7/8" | WD        | PTD      |   |              | 4A904   | 3A904      |             |          | No            |      |      |  |  |  |
| 804                       | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | A     | 4'-1/2" | WD        | PTD      |   |              | 2A904   | 1A904      |             |          | No            |      |      |  |  |  |
| 804.1                     | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | A     | 4'-1/2" | WD        | PTD      |   |              | 2A904   | 1A904      |             |          | No            |      |      |  |  |  |
| 804A                      | 2             | 4'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | D     | 8'-7/8" | WD        | PTD      |   |              | 4A904   | 3A904      |             |          | No            |      |      |  |  |  |
| 804B                      | 2             | 4'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | D     | 8'-7/8" | WD        | PTD      |   |              | 4A904   | 3A904      |             |          | No            |      |      |  |  |  |
| 805                       | 2             | 3'-0"     | 8'-0"      | 1 3/4"    | HM       | WD     | D     | 6'-3/8" | HM        | WD       |   |              | 2A904   | 1A904      |             |          | No            |      |      |  |  |  |
| 806                       | 2             | 3'-0"     | 8'-0"      | 1 3/4"    | HM       | PTD    | E     | 4'-1/2" | HM        | PTD      |   |              | 2A904   | 1A904      |             |          | No            |      |      |  |  |  |
| 806.2                     | 2             | 3'-0"     | 8'-0"      | 1 3/4"    | HM       | PTD    | E     | 5'-3/4" | HM        | PTD      |   |              | 2A904   | 1A904      |             |          | No            |      |      |  |  |  |
| 806.3                     | 2             | 3'-4"     | 7'-0"      | 1/2"      | GL       |        | H     | 0"      | ALUM      |          | MATCH EXISTING ADJACENT STOREFRONT SYSTEM |              |         |            |             |          | No            |      |      |  |  |  |
| 806.4                     | 2             | 3'-4"     | 7'-0"      | 1/2"      | GL       |        | H     | 0"      | ALUM      |          | MATCH EXISTING ADJACENT STOREFRONT SYSTEM |              |         |            |             |          | No            |      |      |  |  |  |
| 806.5                     | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | A     | 5'-3/4" | ALUM      | PTD      |   |              | 2A903   | 3A903      |             |          | No            |      |      |  |  |  |
| 807                       | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | A     | 5'-3/4" | ALUM      | PTD      |   |              | 2A903   | 3A903      |             |          | No            |      |      |  |  |  |
| 807.1                     | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | A     | 5'-3/4" | ALUM      | PTD      |   |              | 2A903   | 3A903      |             |          | No            |      |      |  |  |  |
| 808                       | 4             | 3'-2 1/2" | 8'-10 3/4" | 1 3/8"    | HM       | PTD    | M     | 6'-1/2" | HM        | PTD      |   |              |         |            |             |          | No            |      |      |  |  |  |
| 808.1                     | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | HM       | PTD    | A     | 6'-1/2" | HM        | PTD      |   |              |         |            |             |          | No            |      |      |  |  |  |
| 809                       | 1             | 12'-0"    | 8'-0"      | 1 3/4"    | WD       | WD-1   |       | 0"      | STL       | PTD      |   |              | 6A904   | 7A904      | 5A904       |          | No            |      |      |  |  |  |
| 809.1                     | 2             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | D     | 9'-1/2" | ALUM      | PTD      |   |              |         |            |             |          | No            |      |      |  |  |  |
| 810                       | 1             | 3'-0"     | 7'-10"     | 1 3/4"    | WD       | WD     | A     | 5'-3/4" | WD        | WD       |   |              |         |            |             |          | No            |      |      |  |  |  |
| 811                       | 1             | 3'-0"     | 7'-10"     | 1 3/4"    | WD       | WD     | A     | 5'-3/4" | WD        | WD       |   |              |         |            |             |          | No            |      |      |  |  |  |
| 811.1                     | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | B     | 5'-3/4" | ALUM      | PTD      |   |              |         |            |             |          | No            |      |      |  |  |  |
| 812                       | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | A     | 5'-3/4" | ALUM      | PTD      |   |              |         |            |             |          | No            |      |      |  |  |  |
| 813                       | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | A     | 5'-3/4" | ALUM      | PTD      |   |              |         |            |             |          | No            |      |      |  |  |  |
| 814                       | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | A     | 5'-3/4" | ALUM      | PTD      |   |              |         |            |             |          | No            |      |      |  |  |  |
| 820                       | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | GL       |        | H     | 4'-1/2" | FRAMELESS |          |   |              | 2A903   | 3A903      | 1A903       |          | No            |      |      |  |  |  |
| 821                       | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | A     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          | No            |      |      |  |  |  |
| 822                       | 2             | 2'-0"     | 8'-0"      | 1 3/4"    | HM       | WD     | F     | 5'-3/4" | HM        | WD       |   |              |         |            |             |          | No            |      |      |  |  |  |
| 823                       | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | C     | 5'-3/4" | WD        | PTD      |   |              |         |            |             |          | No            |      |      |  |  |  |
| 824                       | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | C     | 5'-3/4" | WD        | PTD      |   |              |         |            |             |          | No            |      |      |  |  |  |
| 825                       | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | C     | 5'-3/4" | WD        | PTD      |   |              |         |            |             |          | No            |      |      |  |  |  |
| 830                       | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | A     | 5'-3/4" | ALUM      | PTD      |   |              |         |            |             |          | No            |      |      |  |  |  |
| 830A                      | 2             | 2'-6"     | 8'-0"      | 1 3/4"    | HM       | PTD    | D     | 7'-1/8" | HM        | PTD      |   |              |         |            |             |          | No            |      |      |  |  |  |
| 831                       | 1             | 4'-0"     | 8'-0"      | 1 3/4"    | HM       | PTD    | A     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          | No            |      |      |  |  |  |
| 831A                      | 2             | 2'-6"     | 8'-0"      | 1 3/4"    | HM       | PTD    | D     | 7'-1/8" | HM        | PTD      |   |              |         |            |             |          | No            |      |      |  |  |  |
| 837                       | 1             | 4'-0"     | 8'-0"      | 1 3/4"    | HM       | PTD    | A     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          | No            |      |      |  |  |  |
| 840                       | 2             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | D     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          | No            |      |      |  |  |  |
| 840.1                     | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | A     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          | No            |      |      |  |  |  |
| 841                       | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | A     | 5'-3/4" | WD        | PTD      |   |              |         | 6A1208 SIM | 5A1211      |          |               | No   |      |  |  |  |
| 841.1                     | 2             | 3'-0"     | 5'-0"      | 1 3/4"    | WD       | PTD    | D     | 0"      | WD        | PTD      |   |              |         | 2A1210     | 10A1210     |          |               | No   |      |  |  |  |
| 841.2                     | 2             | 3'-0"     | 5'-0"      | 1 3/4"    | WD       | PTD    | D     | 0"      | WD        | PTD      |   |              |         | 2A1210     | 10A1210     |          |               | No   |      |  |  |  |
| 841.3                     | 2             | 3'-0"     | 5'-0"      | 1 3/4"    | WD       | PTD    | D     | 0"      | WD        | PTD      |   |              |         | 2A1210     | 10A1210     |          |               | No   |      |  |  |  |
| 841.4                     | 2             | 3'-0"     | 5'-0"      | 1 3/4"    | WD       | PTD    | D     | 0"      | WD        | PTD      |   |              |         | 2A1210     | 10A1210     |          |               | No   |      |  |  |  |
| 841.5                     | 2             | 3'-0"     | 5'-0"      | 1 3/4"    | WD       | PTD    | D     | 0"      | WD        | PTD      |   |              |         | 2A1210     | 10A1210     |          |               | No   |      |  |  |  |
| 841A.1                    | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | HM       | PTD    | A     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 841A.2                    | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | HM       | PTD    | A     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 842                       | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | A     | 5'-3/4" | WD        | PTD      |   |              |         | 6A1208 SIM | 10A1208 SIM |          |               | No   |      |  |  |  |
| 842.1                     | 1             | 12'-0"    | 8'-0"      | 1 3/4"    | HM       | PTD    | K     | 0"      | STL       | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 842.2                     | 1             | 12'-0"    | 8'-0"      | 1 3/4"    | HM       | PTD    | K     | 0"      | STL       | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 842.3                     | 1             | 12'-0"    | 8'-0"      | 1 3/4"    | HM       | PTD    | A     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 842.4                     | 1             | 12'-0"    | 22'-0"     | 0"        | STL      | PTD    | K     | 0"      | STL       | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 842.5                     | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | HM       | PTD    | A     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 843                       | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | HM       | PTD    | A     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 843.1                     | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | A     | 5'-3/4" | HM        | WD       |   |              |         |            |             |          |               | No   |      |  |  |  |
| 844                       | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | A     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 844A                      | 2             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | A     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 845                       | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | A     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 845.1                     | 1             | 3'-0"     | 8'-6"      | 1 3/4"    | WD       | PTD    | A     | 0"      | WD        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 845.2                     | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | A     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 845.3                     | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | A     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 846                       | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | HM       | PTD    | A     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 846.1                     | 1             | 4'-0"     | 7'-0"      | 1 3/4"    | HM       | PTD    | A     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 848                       | 2             | 3'-0"     | 10'-0"     | 1 3/4"    | HM       | PTD    | D     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 850                       | 2             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | D     | 5'-3/4" | AL        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 850.1                     | 2             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | D     | 6'-1/2" | AL        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 850A                      | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | B     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 851                       | 2             | 3'-0"     | 8'-0"      | 1 3/4"    | HM       | PTD    | D     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 852                       | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | HM       | PTD    | D     | 8'-7/8" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 853                       | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | B     | 8'-7/8" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 853.1                     | 6             | 20'-0"    | 9'-0"      | 3"        | STL      | PTD    | M     |         | STL       | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 854                       | 2             | 3'-0"     | 8'-0"      | 1 3/4"    | HM       | PTD    | A     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 854.1                     | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | HM       | PTD    | A     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 854.2                     | 1             | 8'-0"     | 12'-0"     | 0"        | STL      | PTD    | K     | 0"      | STL       | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 854A                      | 2             | 3'-0"     | 8'-0"      | 1 3/4"    | HM       | PTD    | D     | 7'-1/8" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 854B                      | 2             | 3'-0"     | 8'-0"      | 1 3/4"    | HM       | PTD    | D     | 9'-1/2" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 854B.1                    | 1             | 4'-0"     | 8'-0"      | 1 3/4"    | HM       | PTD    | A     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 854C                      | 1             | 4'-0"     | 8'-0"      | 1 3/4"    | HM       | PTD    | A     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 854D                      | 2             | 4'-0"     | 8'-0"      | 1 3/4"    | HM       | PTD    | D     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 854E                      | 1             | 4'-0"     | 8'-0"      | 1 3/4"    | HM       | PTD    | A     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 854F                      | 2             | 4'-0"     | 12'-0"     | 1 3/4"    | HM       | PTD    | A     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 855                       | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | A     | 4'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 856                       | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | A     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 856.2                     | 1             | 2'-5"     | 8'-0"      | 1 3/4"    | WD       | PTD    | A     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 856.3                     | 1             | 2'-5"     | 8'-0"      | 1 3/4"    | WD       | PTD    | A     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 856.4                     | 1             | 2'-5"     | 8'-0"      | 1 3/4"    | WD       | PTD    | A     | 5'-3/4" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |
| 857                       | 1             | 3'-0"     | 8'-0"      | 1 3/4"    | WD       | PTD    | B     | 6'-1/2" | HM        | PTD      |   |              |         |            |             |          |               | No   |      |  |  |  |

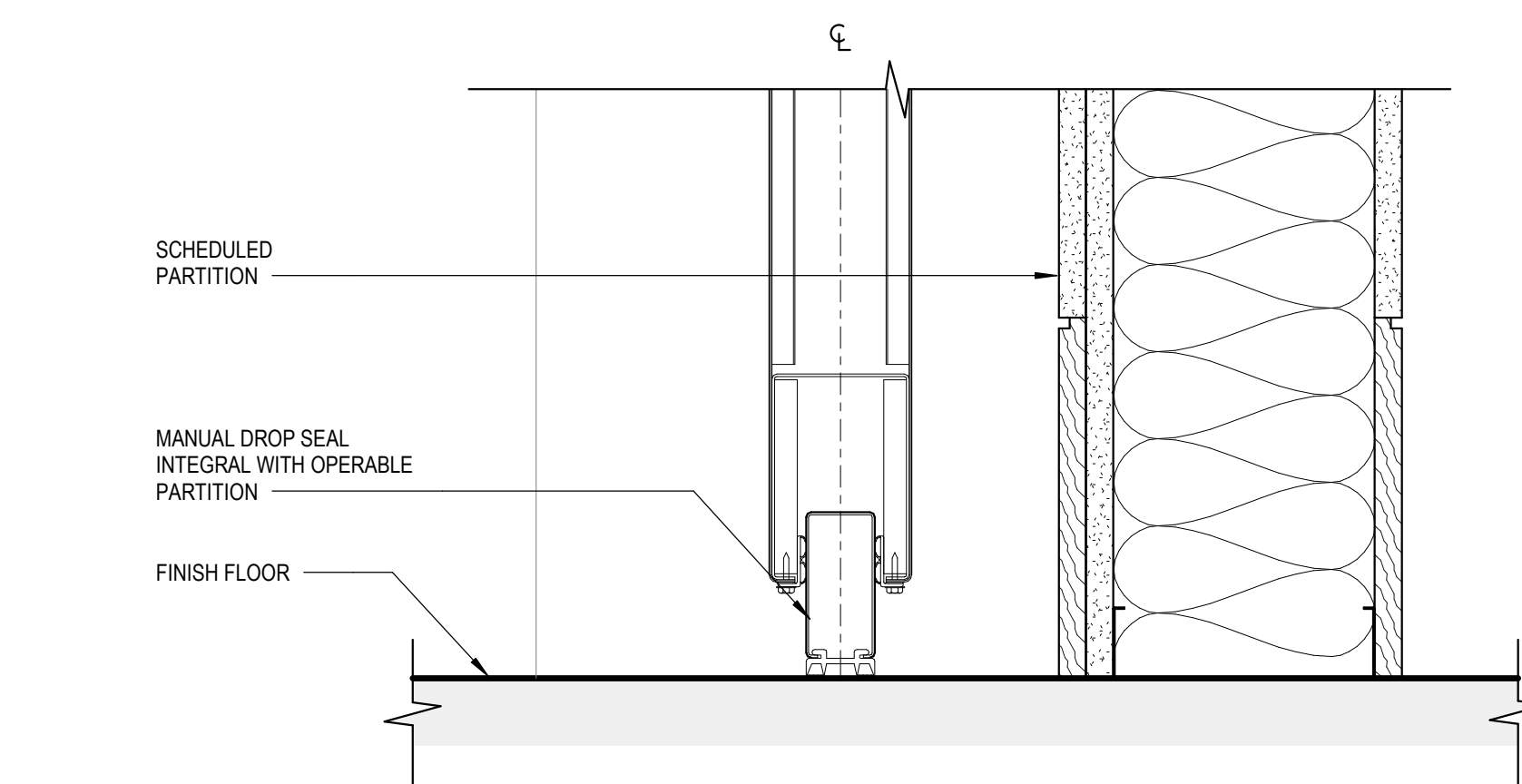
| _DOOR AND FRAME SCHEDULE_ |               |       |        |           |          |        |       |         |       |          |             |              |         |      |      |          |               |      |      |  |  |  |
|---------------------------|---------------|-------|--------|-----------|----------|--------|-------|---------|-------|----------|-------------|--------------|---------|------|------|----------|---------------|------|------|--|--|--|
| NUMBER                    | DOOR PANEL    |       |        |           | PANEL    |        | FRAME |         | FRAME |          | FIRE RATING | HARDWARE SET | DETAILS |      |      | COMMENTS | Door Security |      |      |  |  |  |
|                           | NO. OF PANELS | WIDTH | HEIGHT | THICKNESS | MATERIAL | FINISH | GLASS | TYPE    | DEPTH | MATERIAL |             |              | FINISH  | TYPE | HEAD |          |               | JAMB | SILL |  |  |  |
| 858                       | 1             | 3'-0" | 8'-0"  | 1 3/4"    | WD       | PTD    | B     | 6'-1/2" | HM    | PTD      |             |              |         |      |      |          |               | No   |      |  |  |  |
| 859                       | 1             | 3'-0" | 8'-0"  | 1 3/4"    | HM       | PTD    | A     | 5'-3/4" | HM    | PTD      |             |              |         |      |      |          |               | No   |      |  |  |  |
| 861                       | 1             | 3'-0" | 8'-0"  | 1 3/4"    | HM       | PTD    | A     | 5'-3/4" | HM    | PTD      |             |              |         |      |      |          |               | No   |      |  |  |  |
| 862                       | 1             | 3'-0" | 8'-0"  | 1 3/4"    | HM       | PTD    | A     | 7'-1/8" | HM    | PTD      |             |              |         |      |      |          |               |      |      |  |  |  |



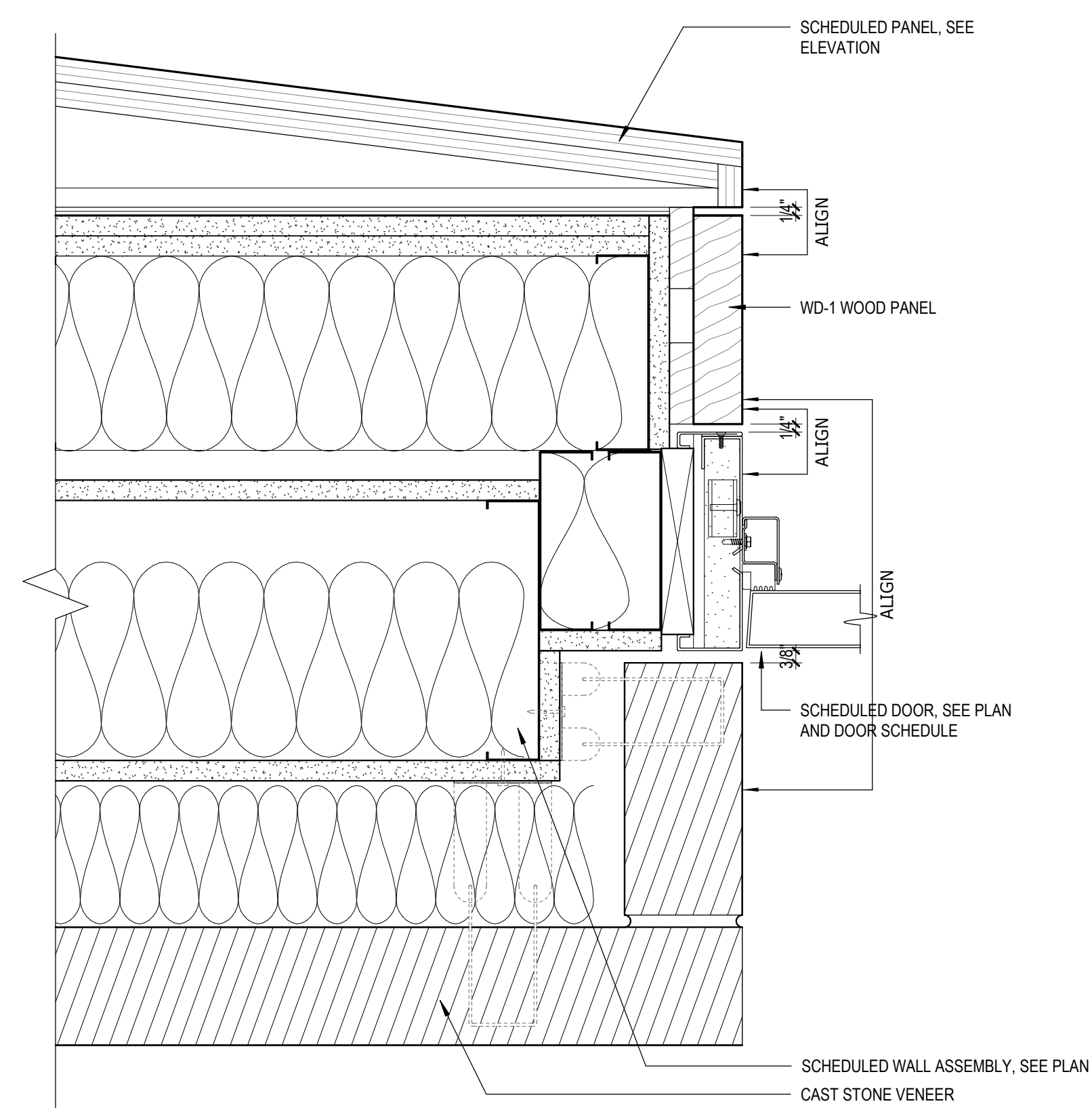
3 SLIDING DOOR - JAMB DETAIL  
A905 SCALE: 3" = 1'-0"



2 OPERABLE PARTITION AT SLL - HEAD  
A905 SCALE: 3" = 1'-0"



1 OPERABLE PARTITION AT SLL - SILL  
A905 SCALE: 3" = 1'-0"



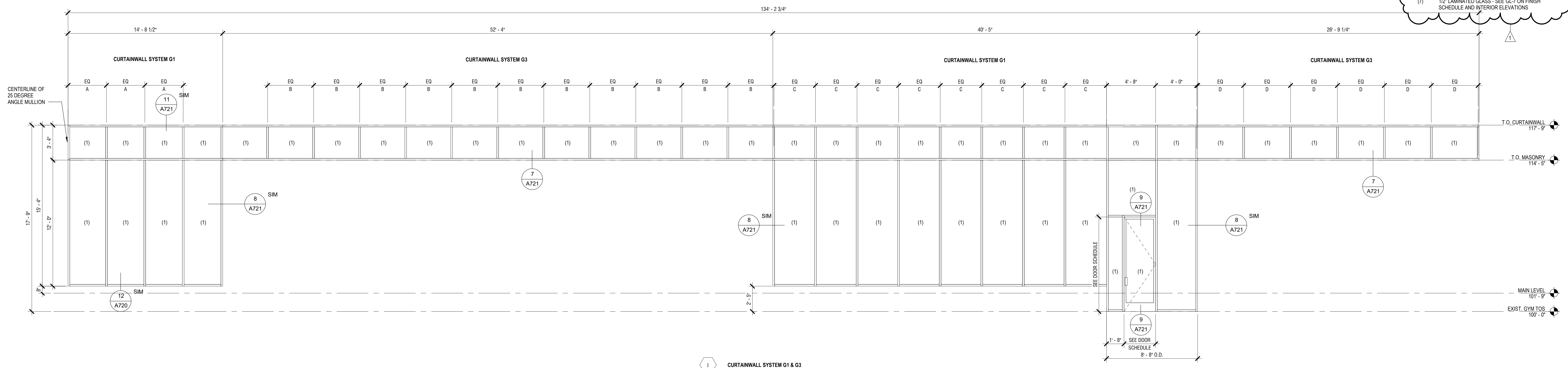
4 JAMB/ SIMILAR AT HEAD  
A905 SCALE: 3" = 1'-0"

**General Notes**

1. ALL DIMENSIONS ARE NOMINAL OR TO ROUGH OPENING
2. ALL DIMENSIONS SHALL BE FIELD VERIFIED BEFORE PREPARATION OF SHOP DRAWINGS, MANUFACTURE OR INSTALLATION
3. ALL FRAMES ARE EXTRUDED AL. FINISH TO MATCH CURTAIN WALL UNLESS NOTED OTHERWISE

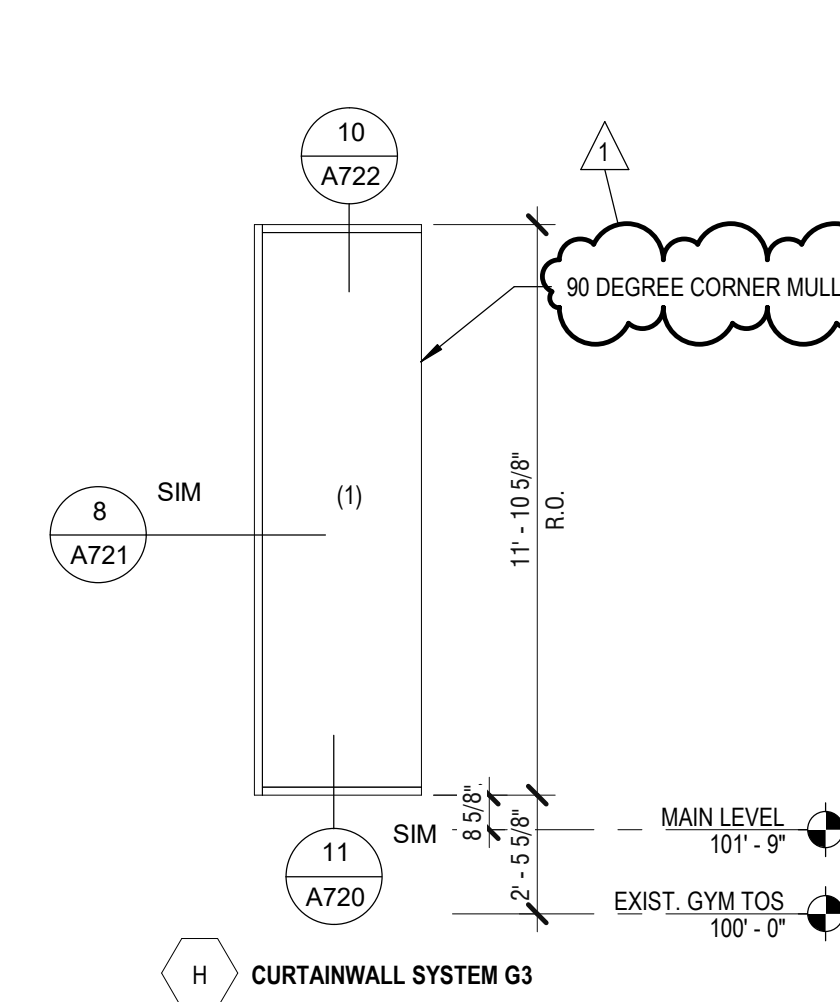
**Glass Type Legend**

- (1) 1" LOW E INSULATING GLASS
- (2) 1/2" LEAD FREE OPTICALLY CLEAR LAMINATED ACOUSTICAL ASSEMBLY
- (3) NOT USED
- (4) 1" LOW E INSULATED GLASS, 3/4 HR FIRE RATED
- (5) NOT USED
- (6) 1/4" LAMINATED GLASS
- (7) 1/2" LAMINATED GLASS - SEE GL-7 ON FINISH SCHEDULE AND INTERIOR ELEVATIONS

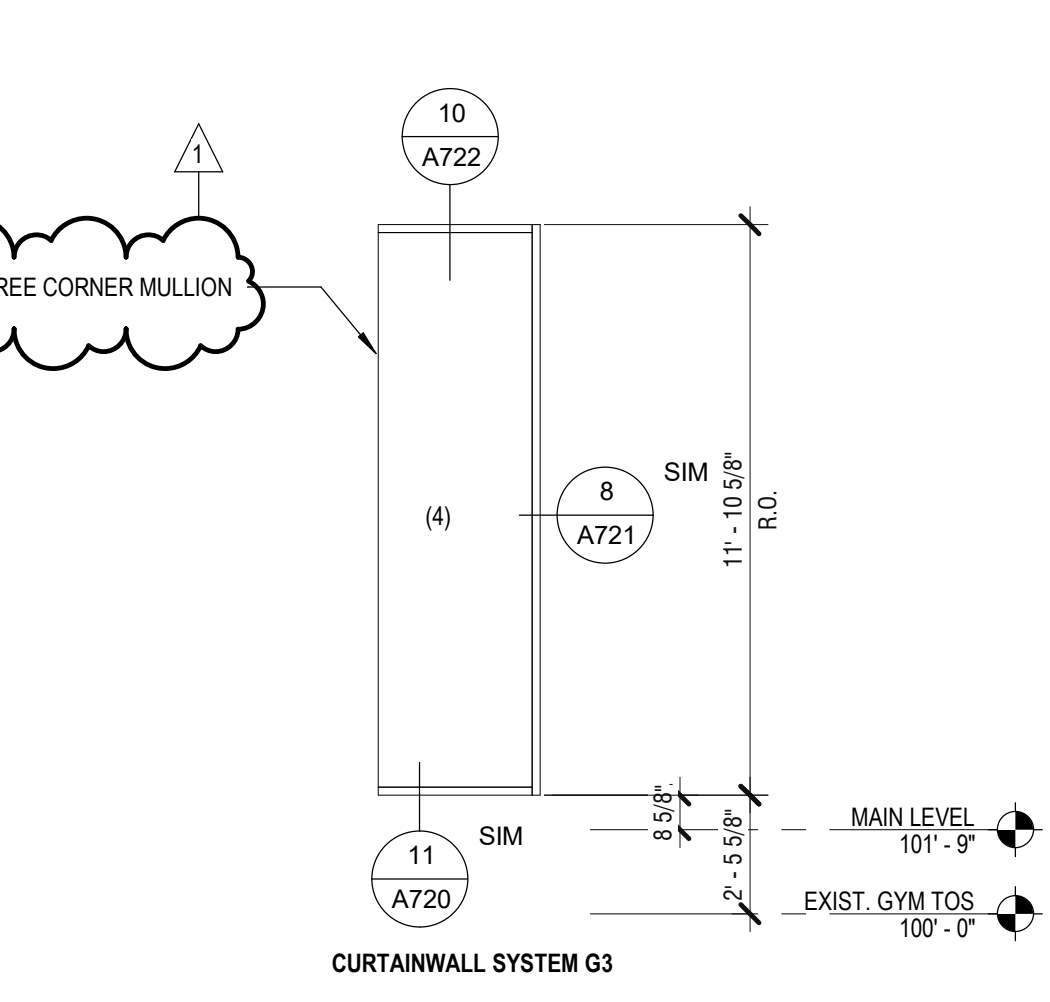


**7 CURTAINWALL - I**  
A910 SCALE: 1/4" = 1'-0"

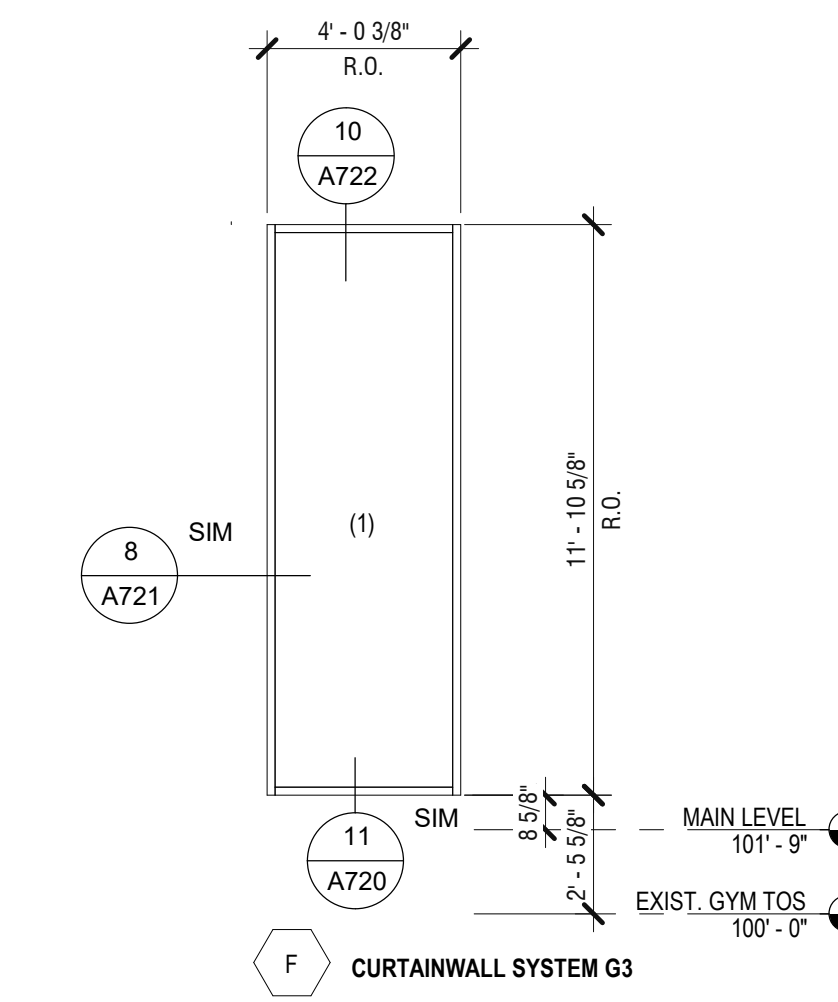
**I CURTAINWALL SYSTEM G1 & G3**



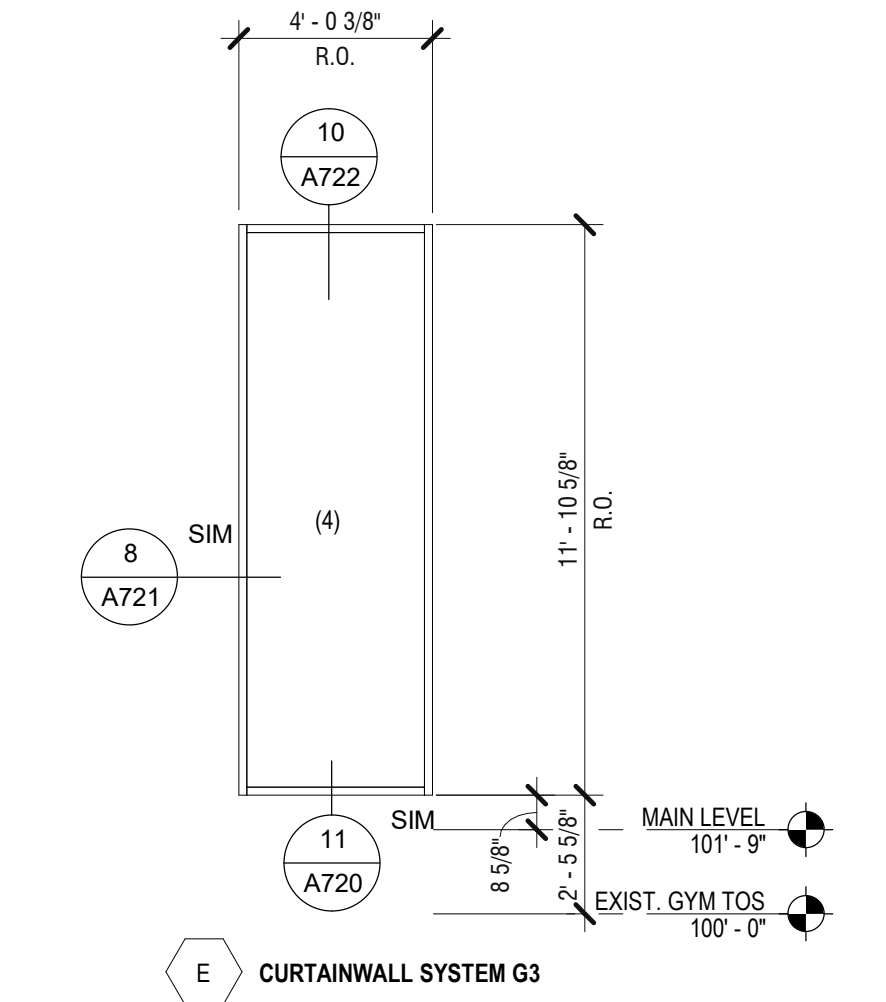
**6 CURTAINWALL - H**  
A910 SCALE: 1/4" = 1'-0"



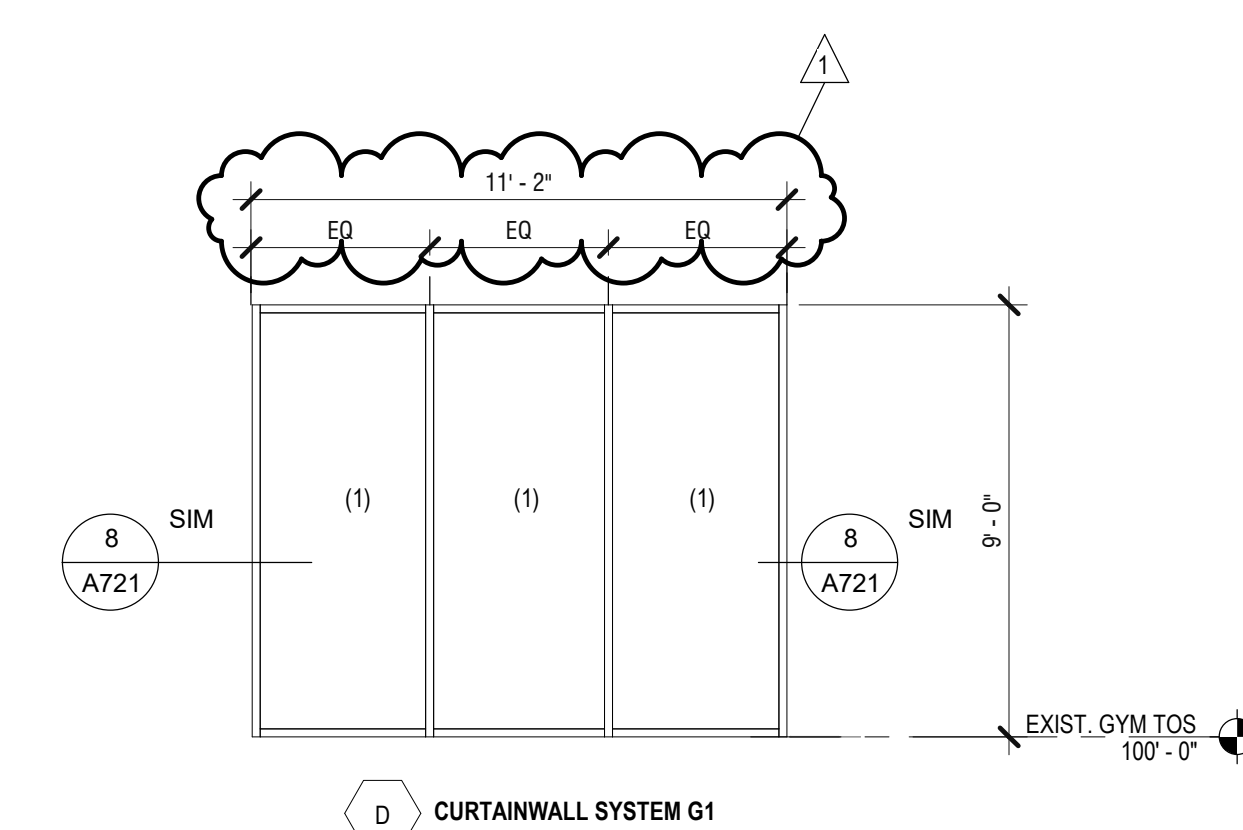
**12 CURTAINWALL - G**  
A910 SCALE: 1/4" = 1'-0"



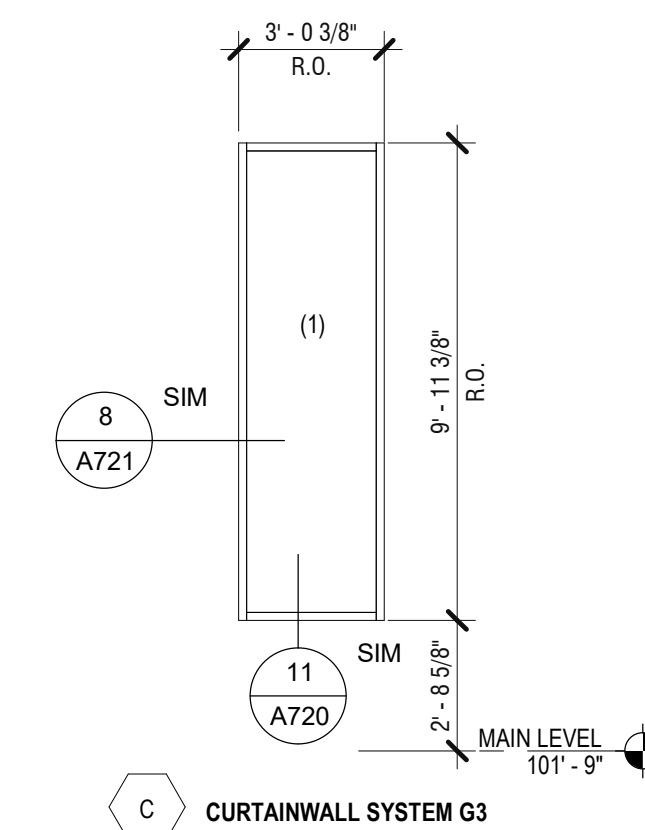
**5 CURTAINWALL - F**  
A910 SCALE: 1/4" = 1'-0"



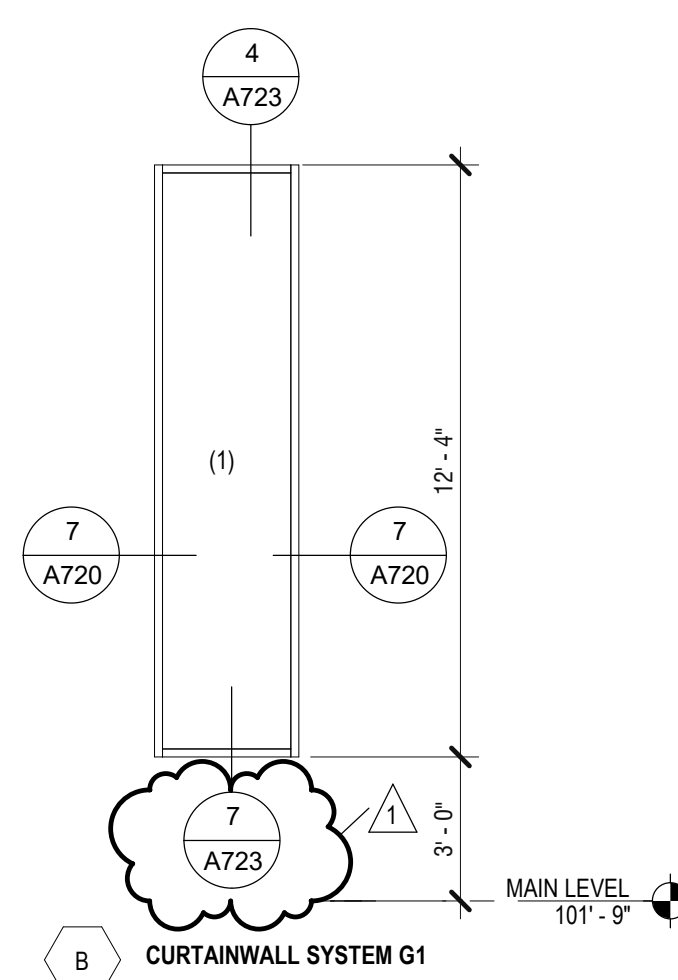
**11 CURTAINWALL - E**  
A910 SCALE: 1/4" = 1'-0"



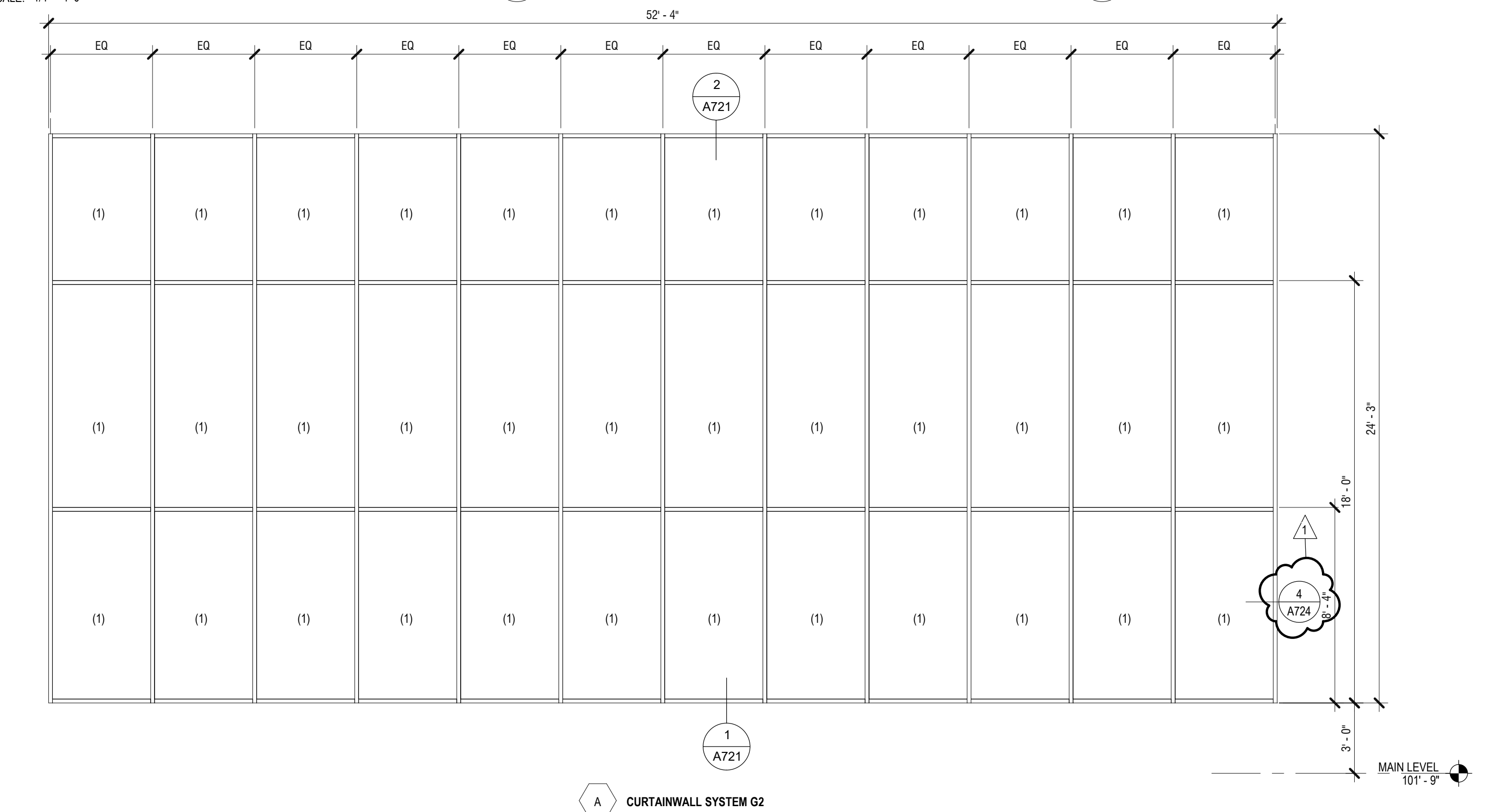
**4 CURTAINWALL - D**  
A910 SCALE: 1/4" = 1'-0"



**3 CURTAINWALL - C**  
A910 SCALE: 1/4" = 1'-0"



**2 CURTAINWALL - B**  
A910 SCALE: 1/4" = 1'-0"



**1 CURTAINWALL - A**  
A910 SCALE: 1/4" = 1'-0"

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ISSUED FOR BID AND PERMIT  
Issue Date: 11/15/2019  
Revisions  
1 ADDENDUM 01 12/11/2019

56-18107-00  
WINDOW TYPES

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**General Notes**

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3. ALL FRAMES ARE EXTRUDED AL. FINISH TO MATCH CURTAIN WALL UNLESS NOTED OTHERWISE

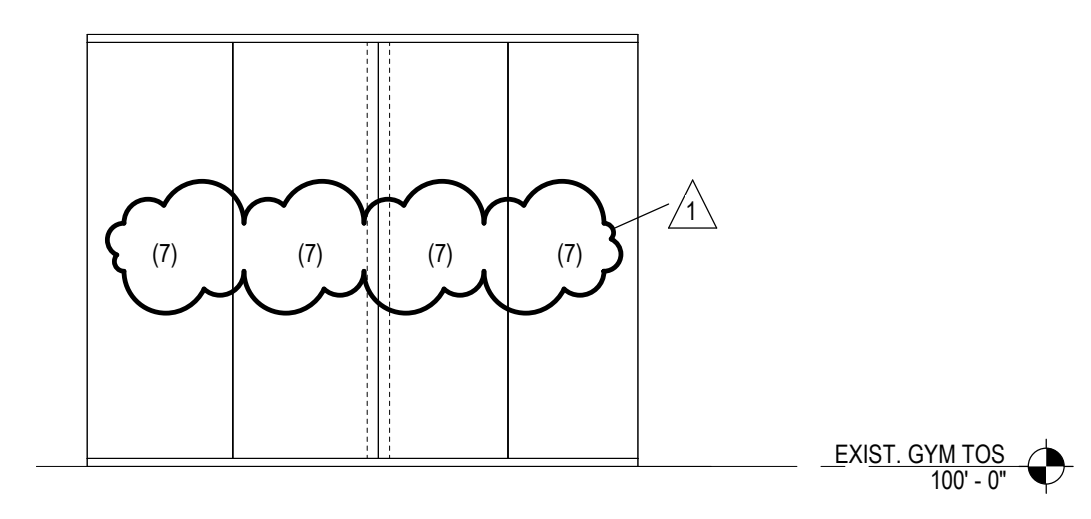
**Glass Type Legend**

- (1) 1" LOW E INSULATING GLASS
- (2) 1/2" LEAD FREE OPTICALLY CLEAR LAMINATED ACOUSTICAL ASSEMBLY
- (3) NOT USED
- (4) 1" LOW E INSULATED GLASS, 3/4 HR FIRE RATED
- (5) NOT USED
- (6) 1/4" LAMINATED GLASS
- (7) 1/2" LAMINATED GLASS - SEE GL-7 ON FINISH SCHEDULE AND INTERIOR ELEVATIONS



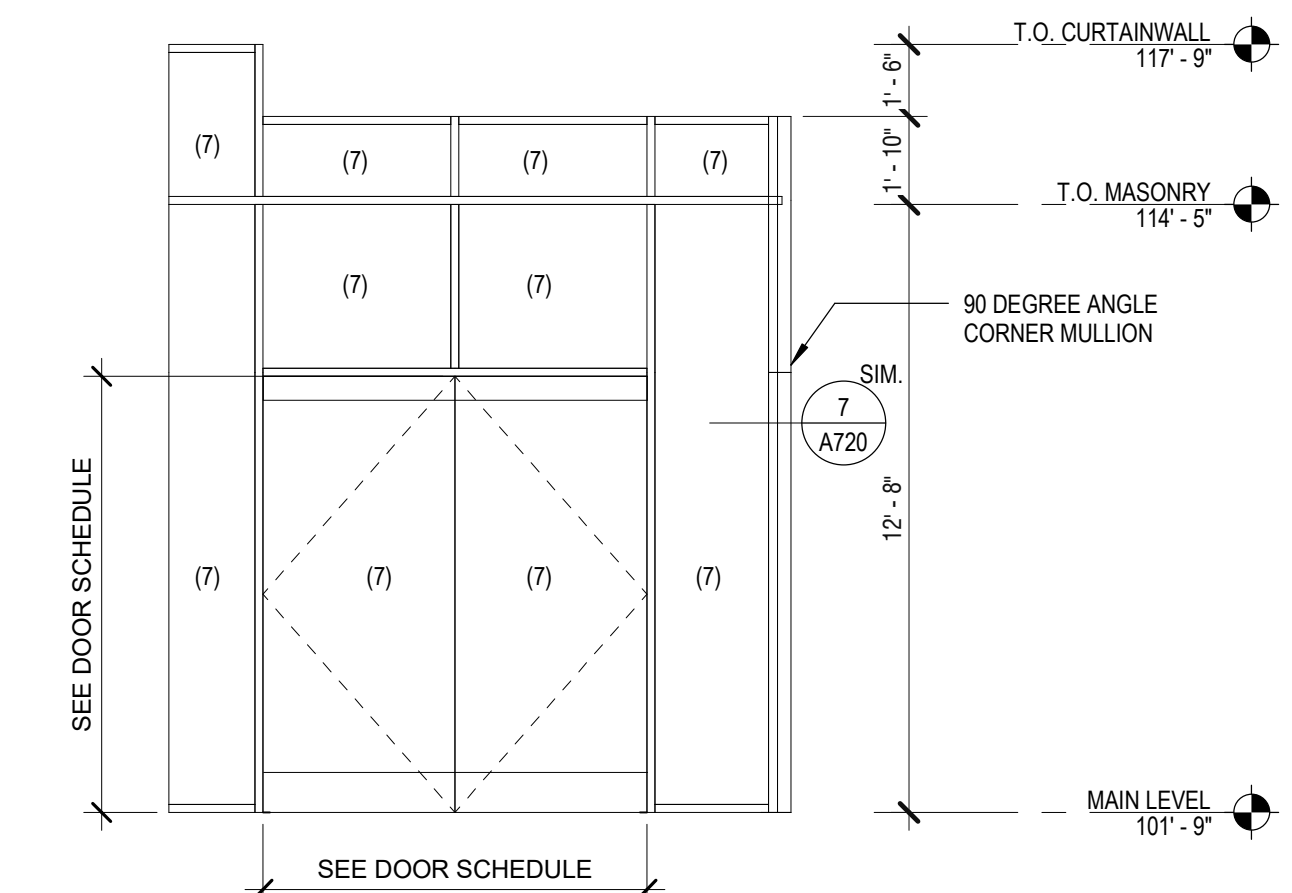
REFER TO PLANS & ELEVATIONS FOR DIMS, JOINT ALIGNMENT, MULLION SPACING, AND GLASS TYPE

**5 INTERIOR GLAZING - P**  
SCALE: 1/4" = 1'-0"



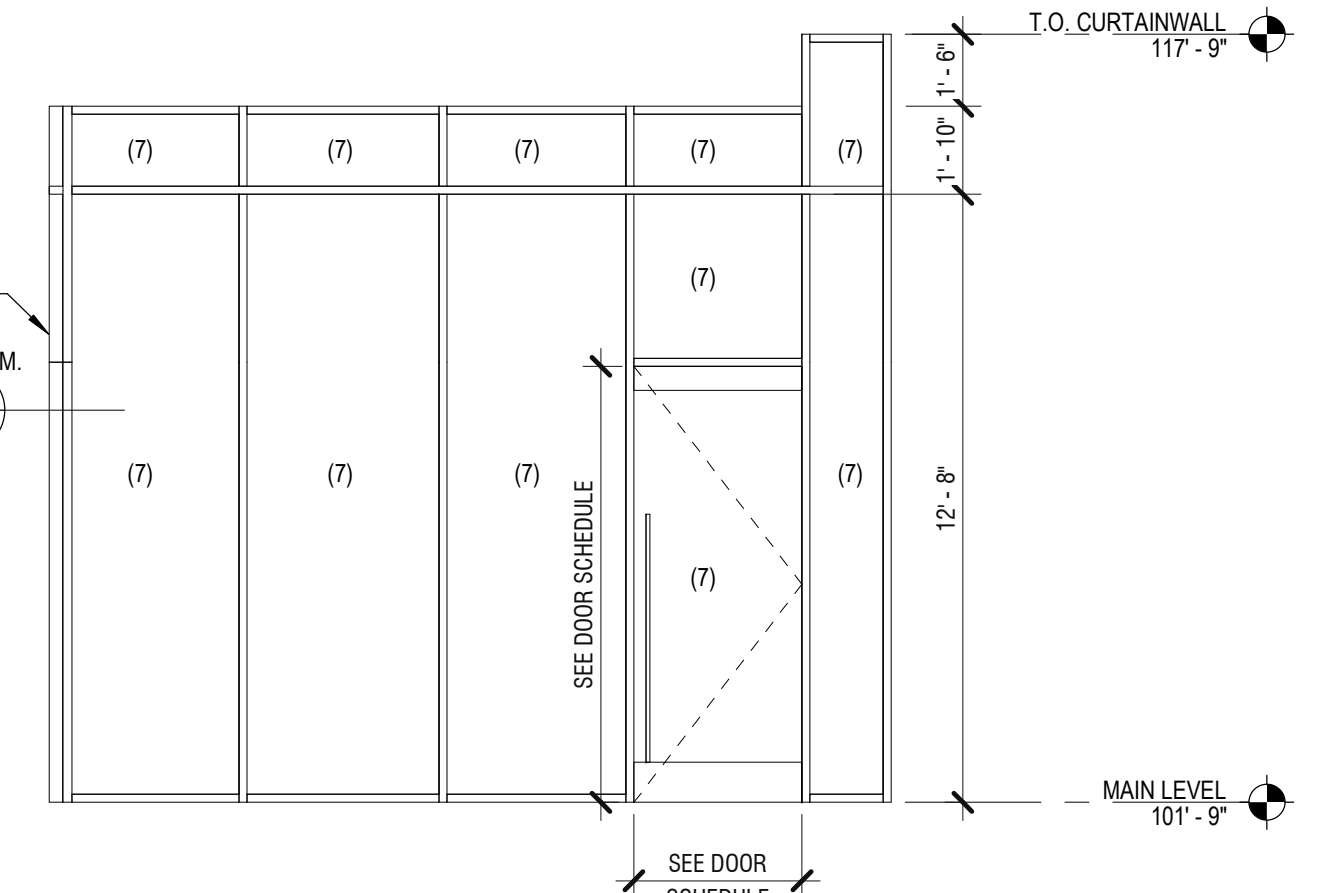
REFER TO PLANS & ELEVATIONS FOR DIMS, JOINT ALIGNMENT, MULLION SPACING, & GLASS TYPE

**4 INTERIOR GLAZING - O**  
SCALE: 1/4" = 1'-0"



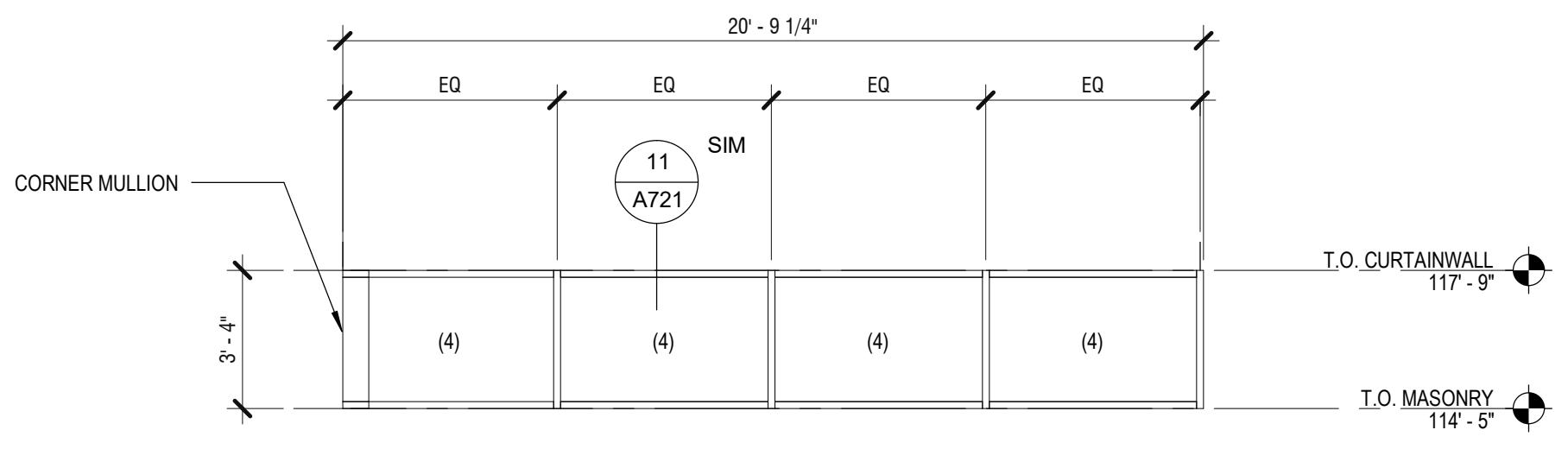
REFER TO PLANS & ELEVATIONS FOR DIMS, JOINT ALIGNMENT, & MULLION SPACING

**9 INTERIOR CURTAINWALL - N**  
SCALE: 1/4" = 1'-0"

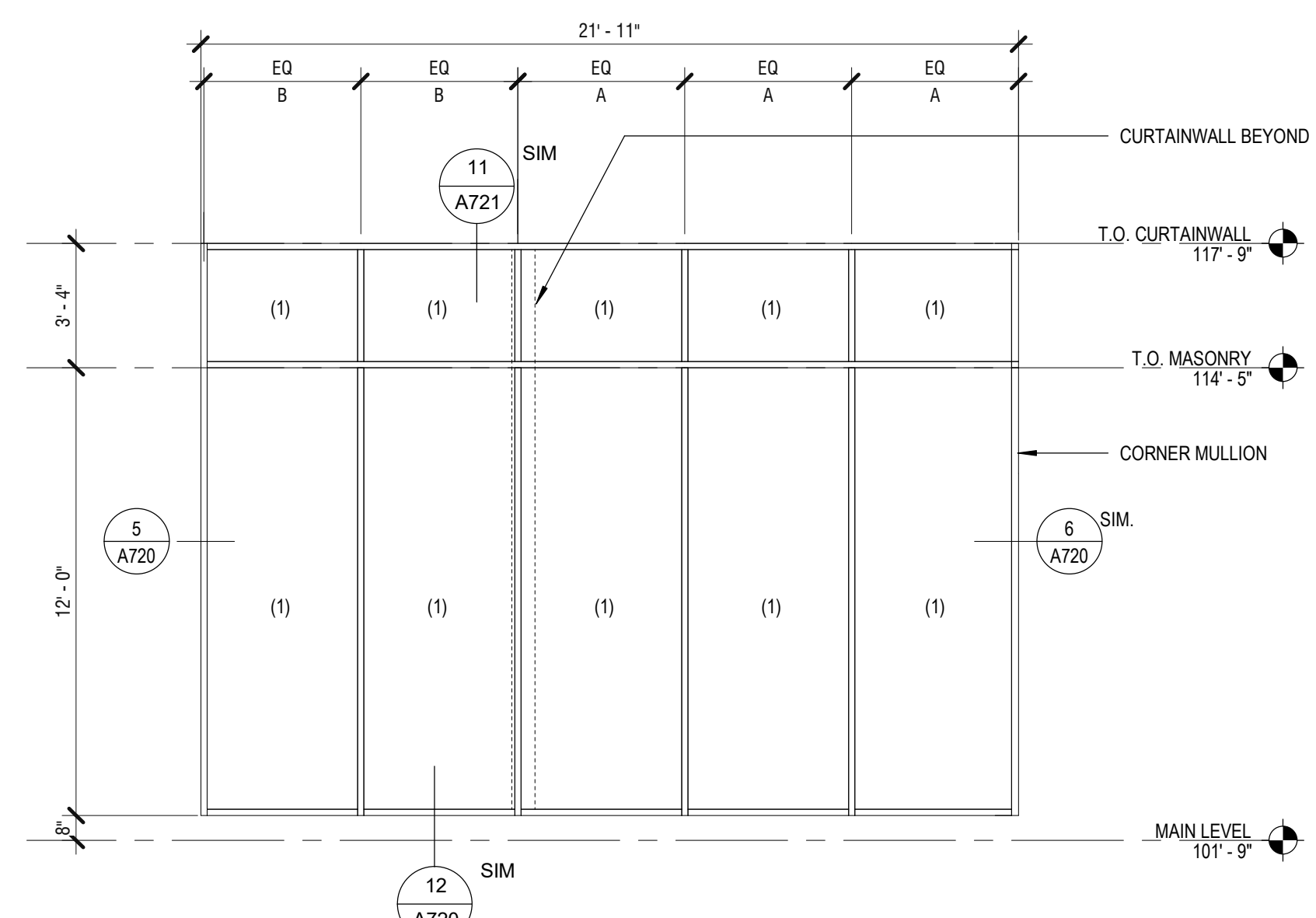


REFER TO PLANS & ELEVATIONS FOR DIMS, JOINT ALIGNMENT, & MULLION SPACING

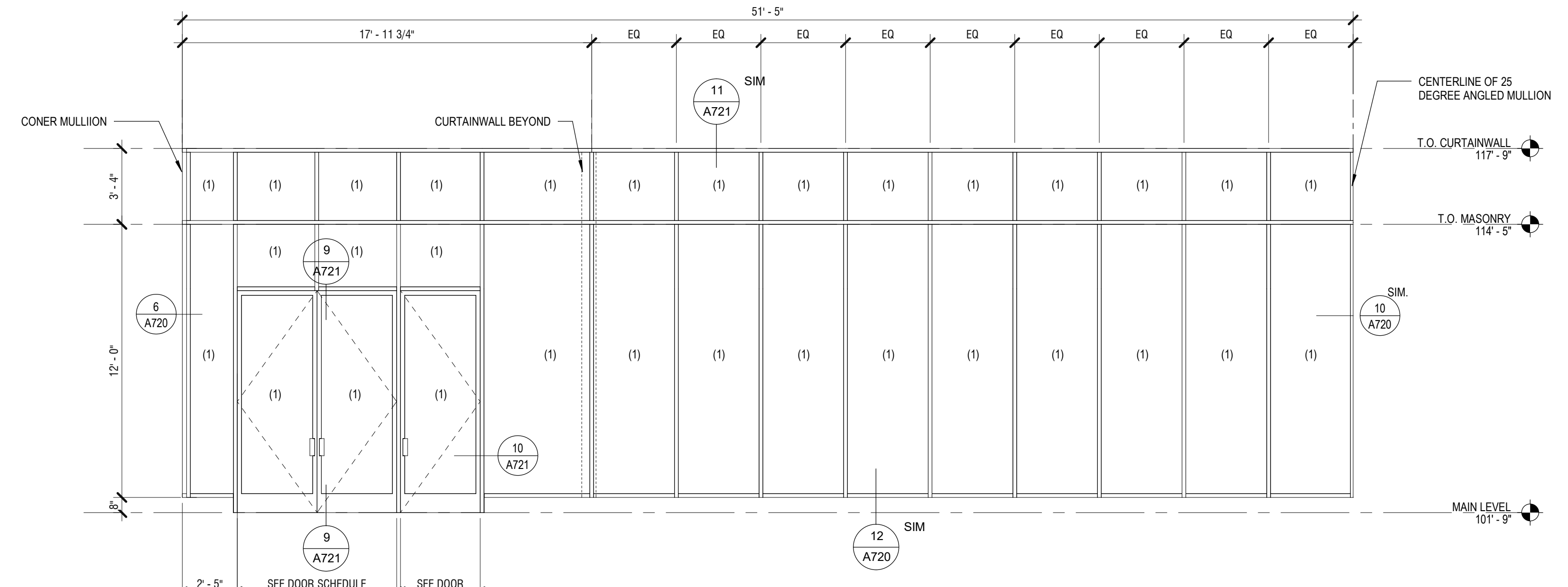
**8 INTERIOR CURTAINWALL M**  
SCALE: 1/4" = 1'-0"



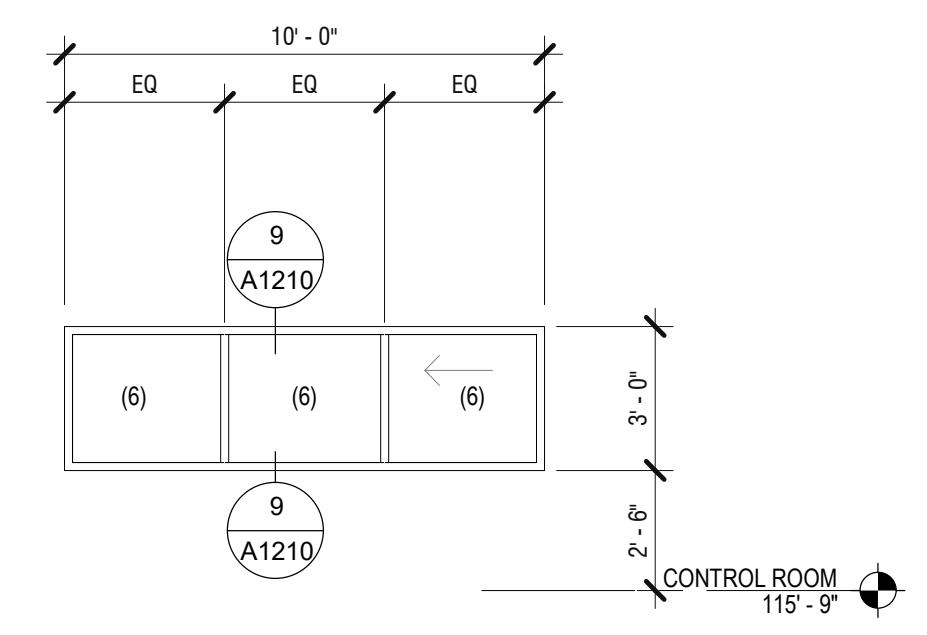
**3 CURTAINWALL - L**  
SCALE: 1/4" = 1'-0"



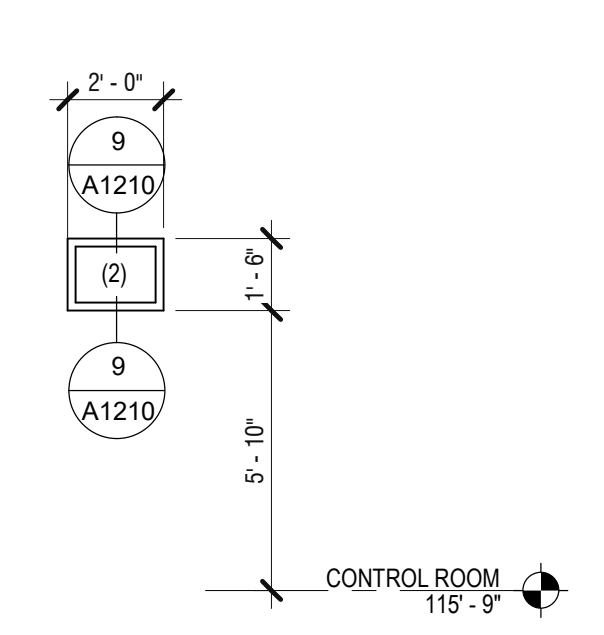
**2 CURTAINWALL - K**  
SCALE: 1/4" = 1'-0"



**1 CURTAINWALL - J**  
SCALE: 1/4" = 1'-0"



**6 CONTROL ROOM WINDOW - R**  
SCALE: 1/4" = 1'-0"



**7 PROJECTOR WINDOW - S**  
SCALE: 1/4" = 1'-0"

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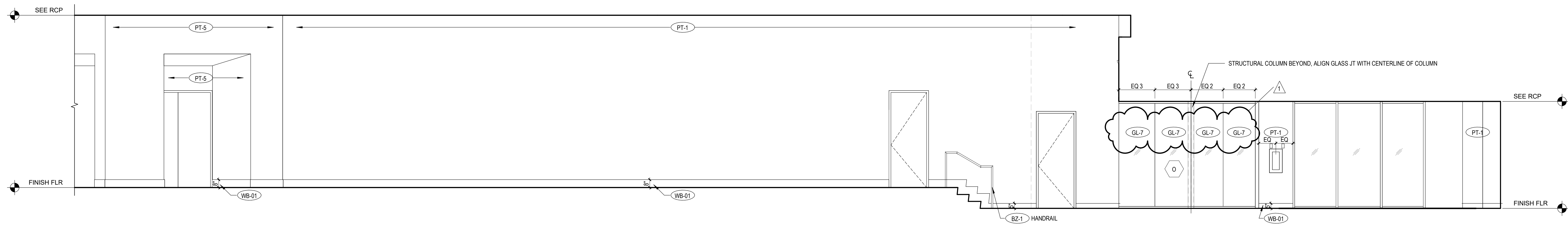
687 MOSSER ROAD,  
MCHEERY, MD 21541

ISSUED FOR BID  
AND PERMIT

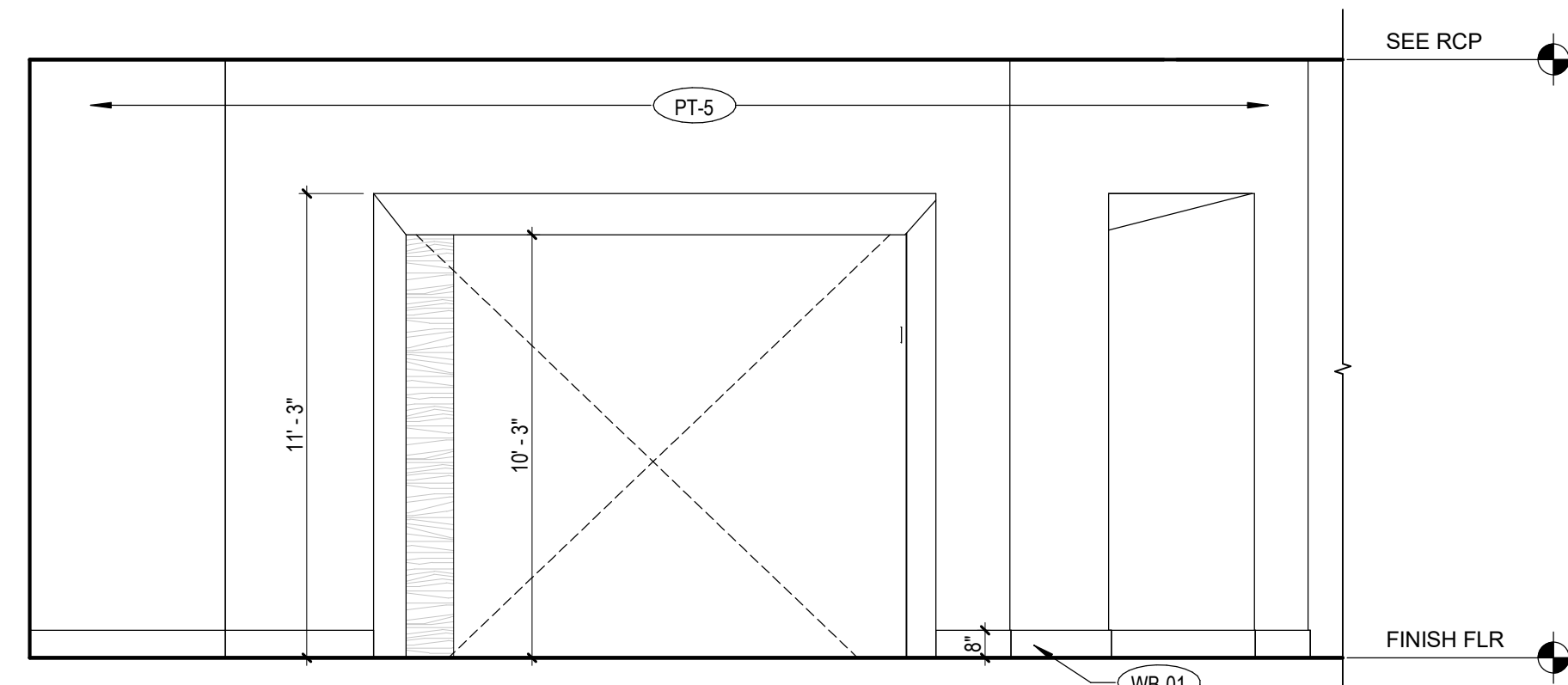
Issue Date: 11/15/2019  
Revisions  
1 ADDENDUM 01 12/11/2019

56-18107-00  
INTERIOR  
ELEVATIONS

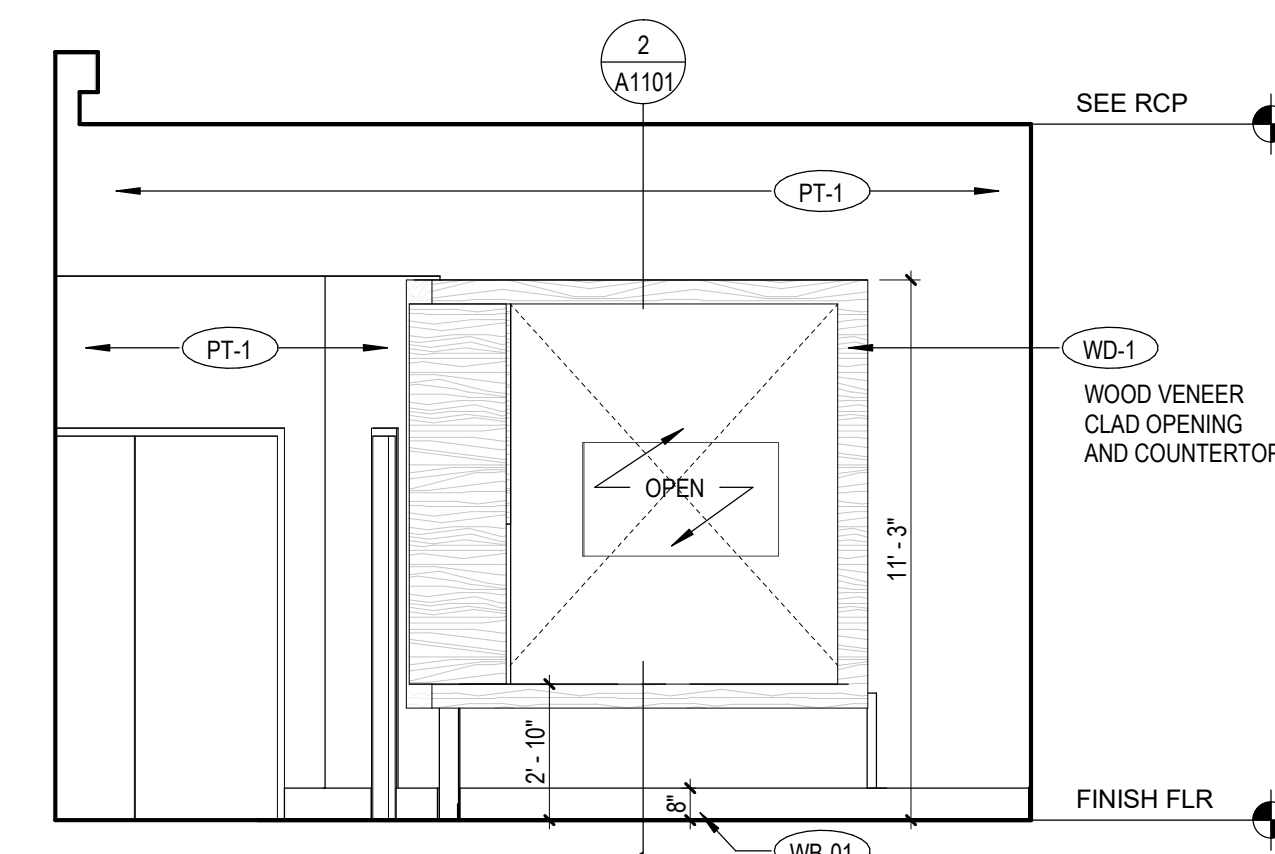
A1201



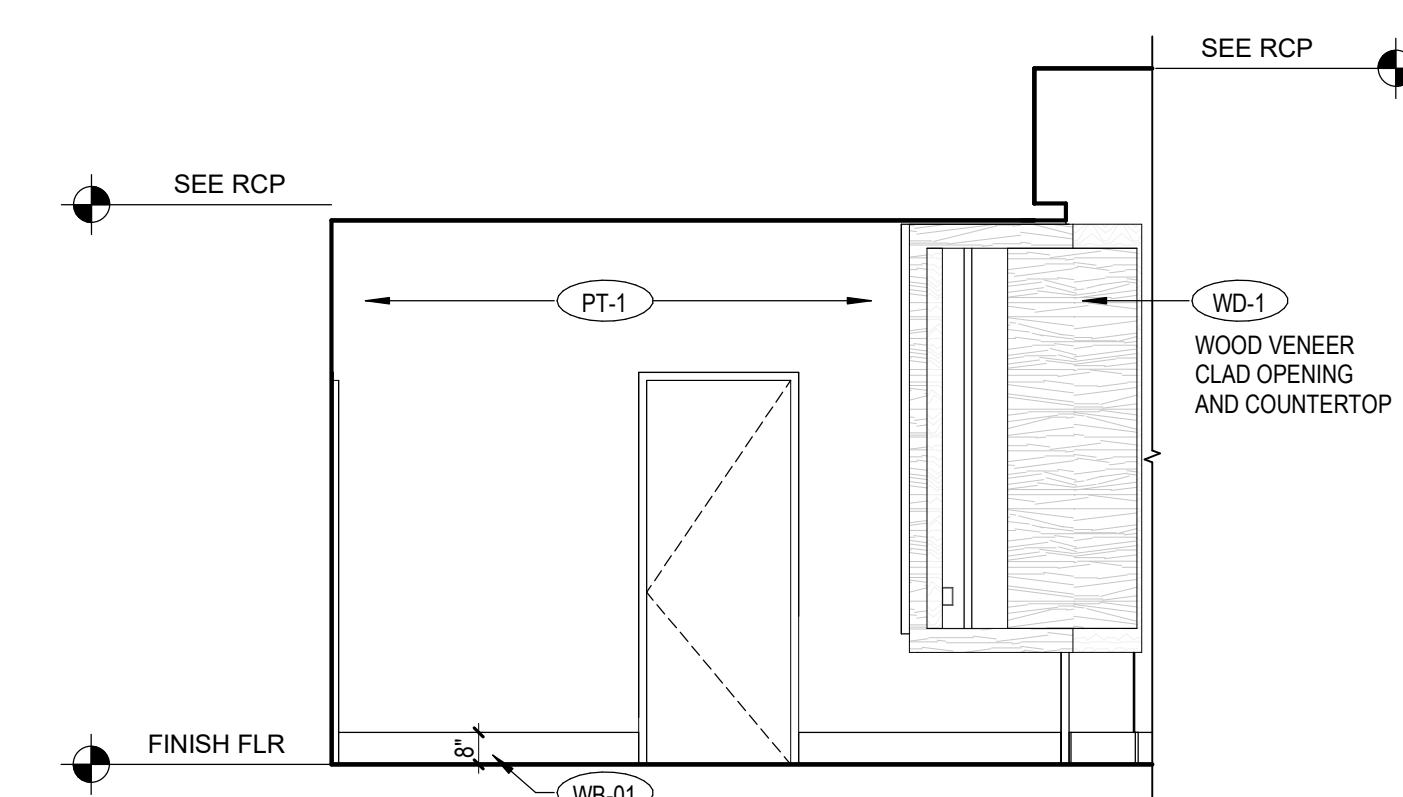
4 CORRIDOR - E  
A1201 SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



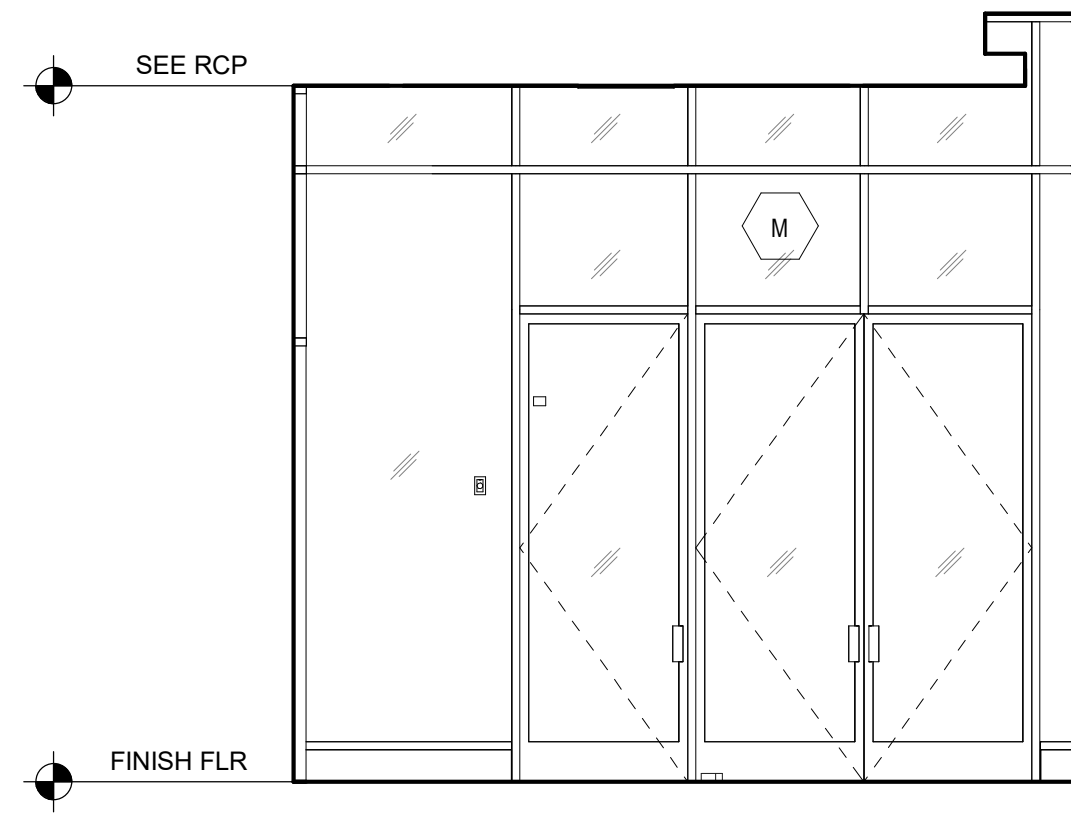
3 THEATER ENTRANCE  
A1201 SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



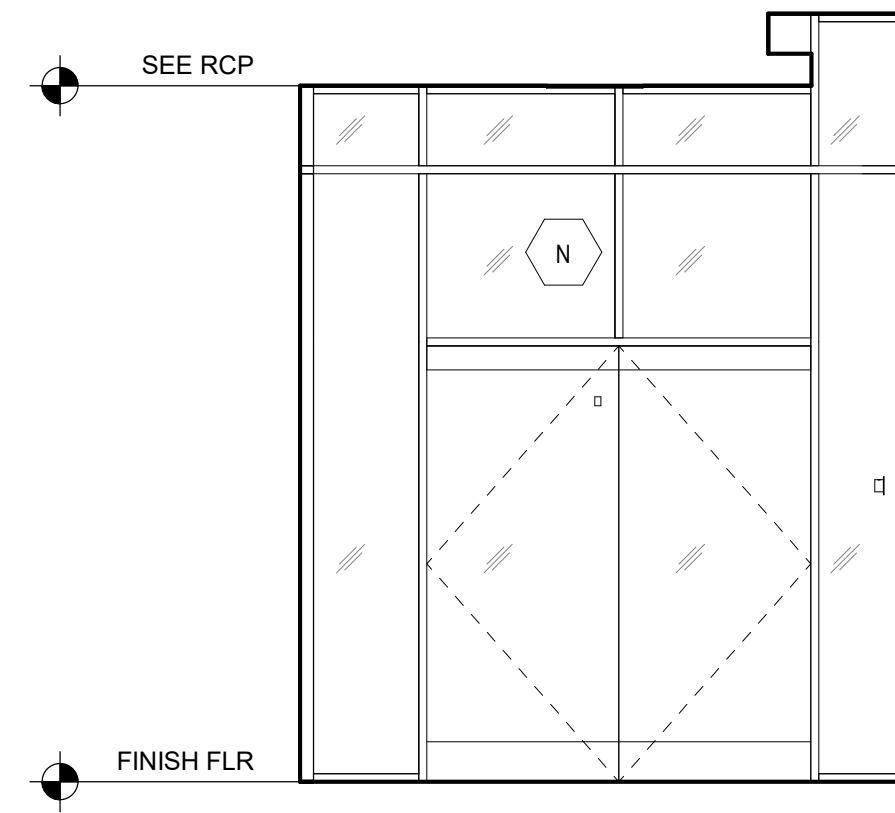
2 CONCESSIONS FROM LOBBY - E  
A1201 SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



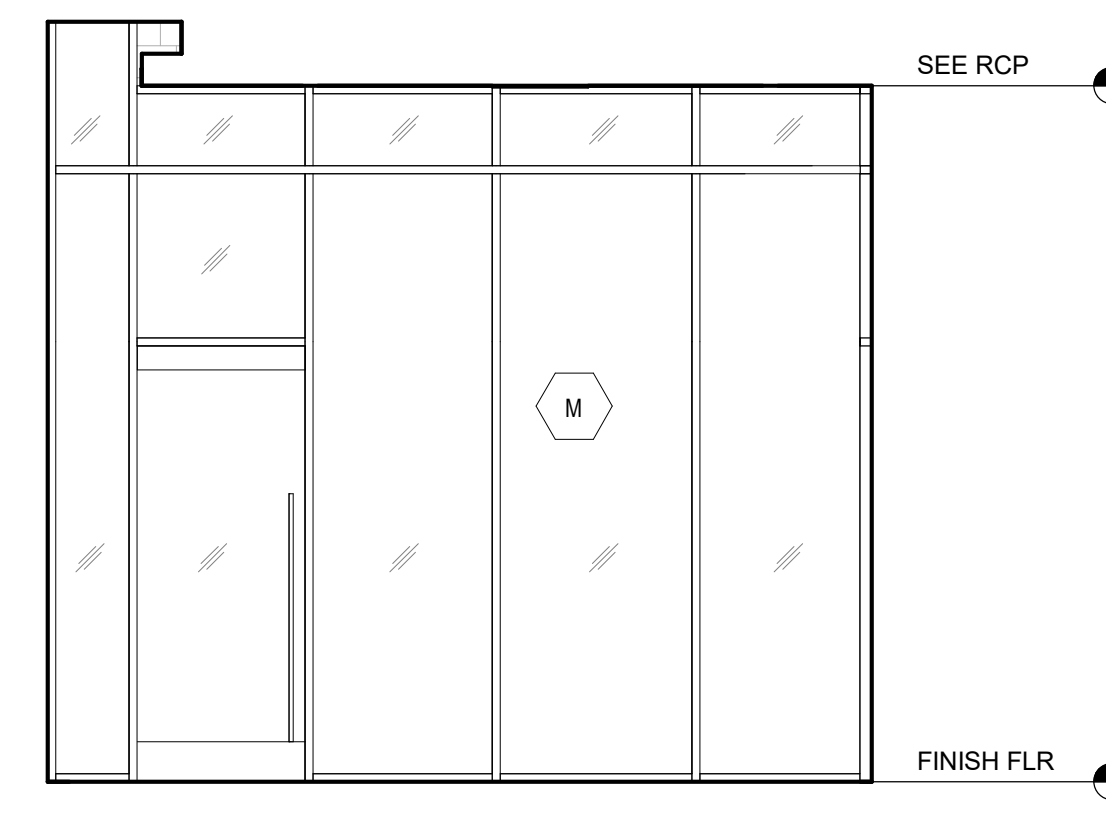
1 CONCESSIONS FROM LOBBY - S  
A1201 SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



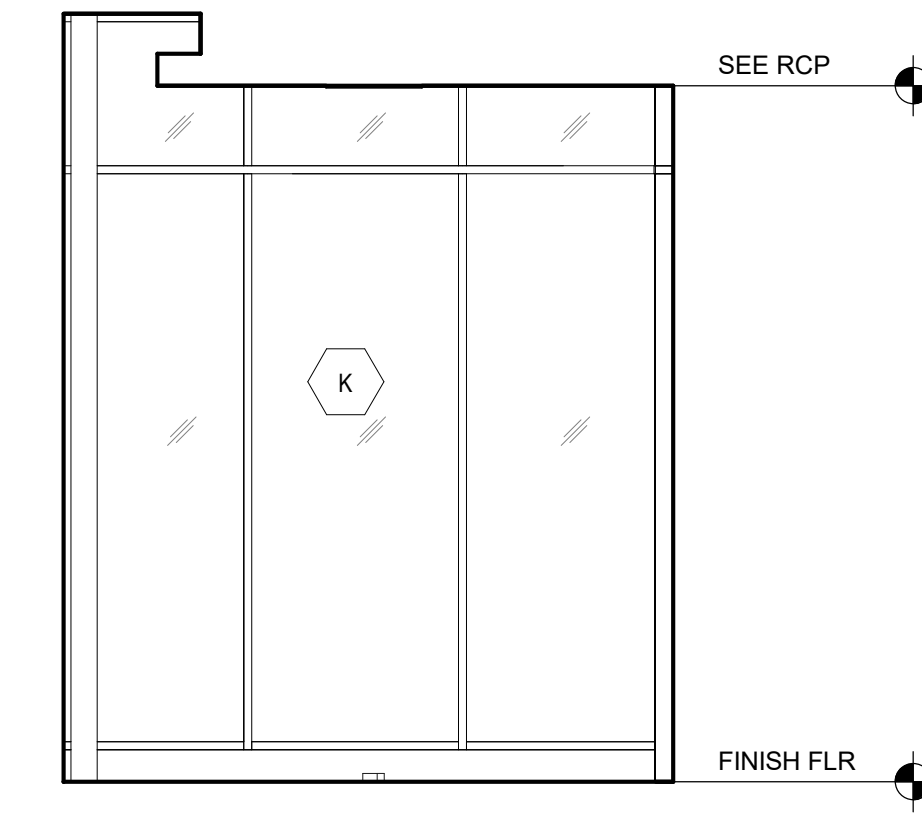
5 VESTIBULE - W  
A1202 SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



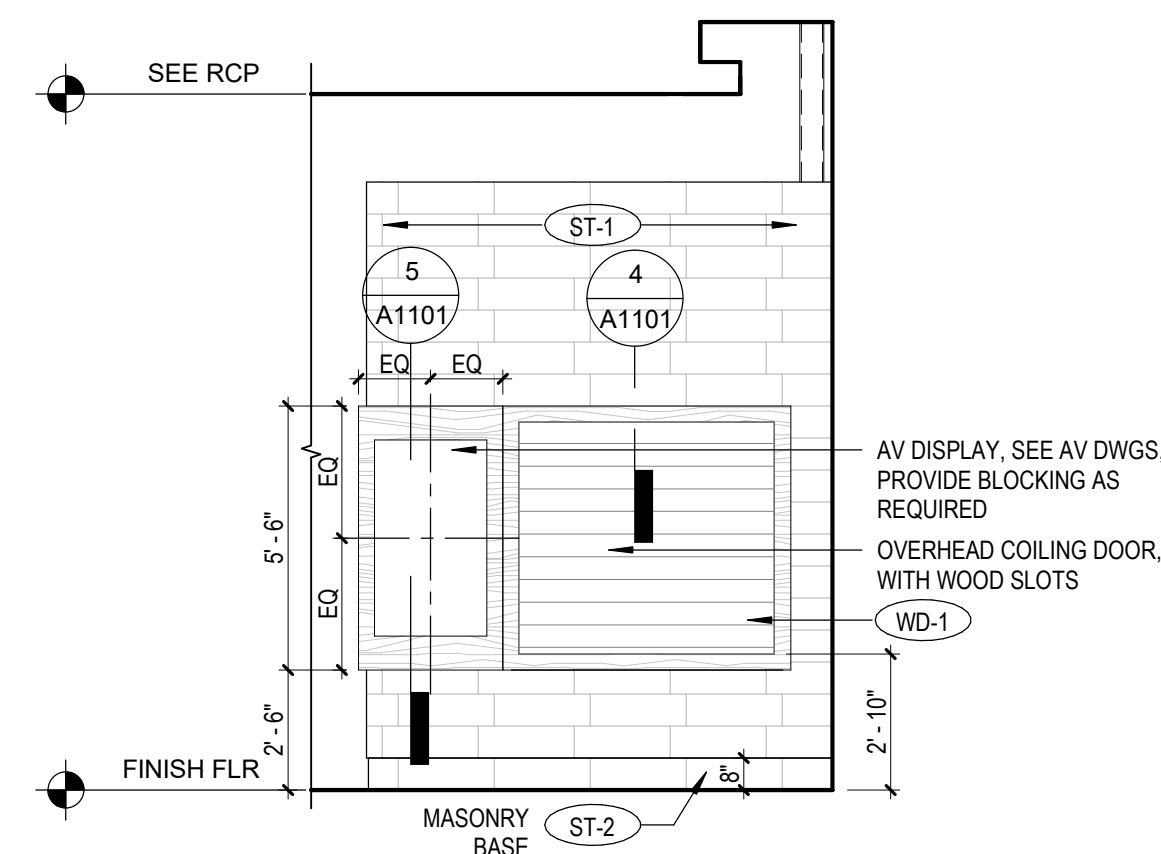
4 VESTIBULE - S  
A1202 SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



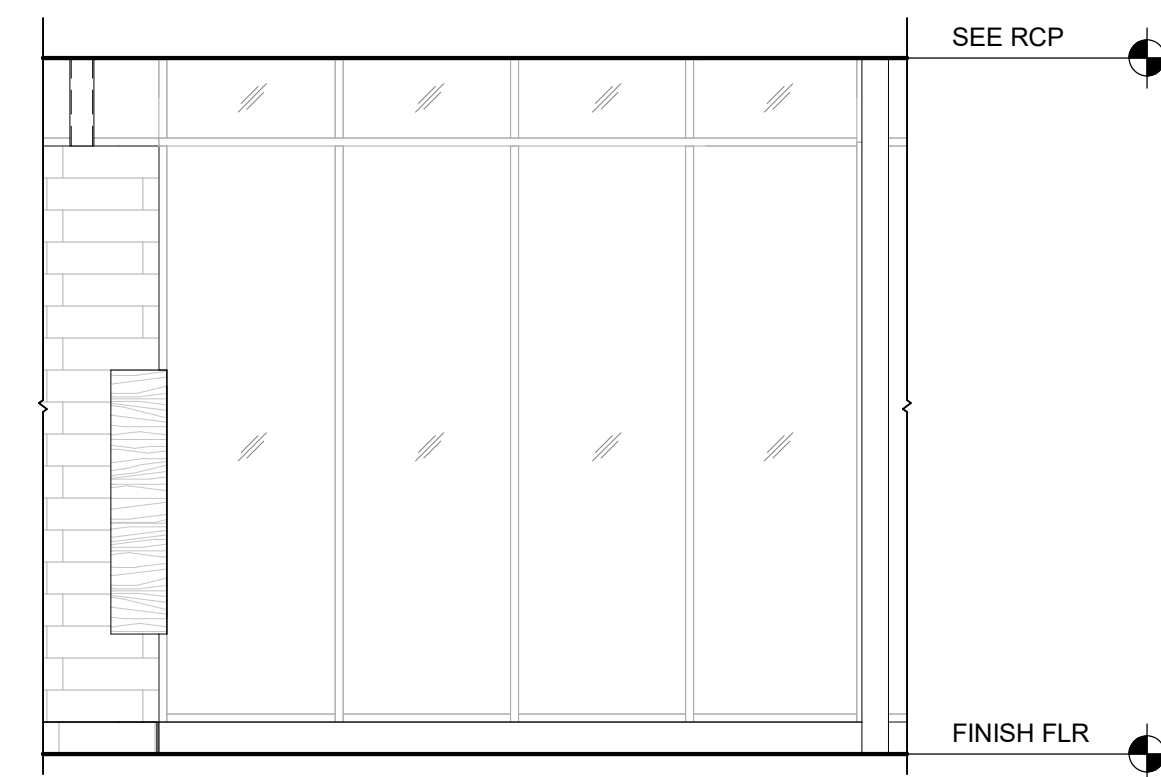
3 VESTIBULE - E  
A1202 SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



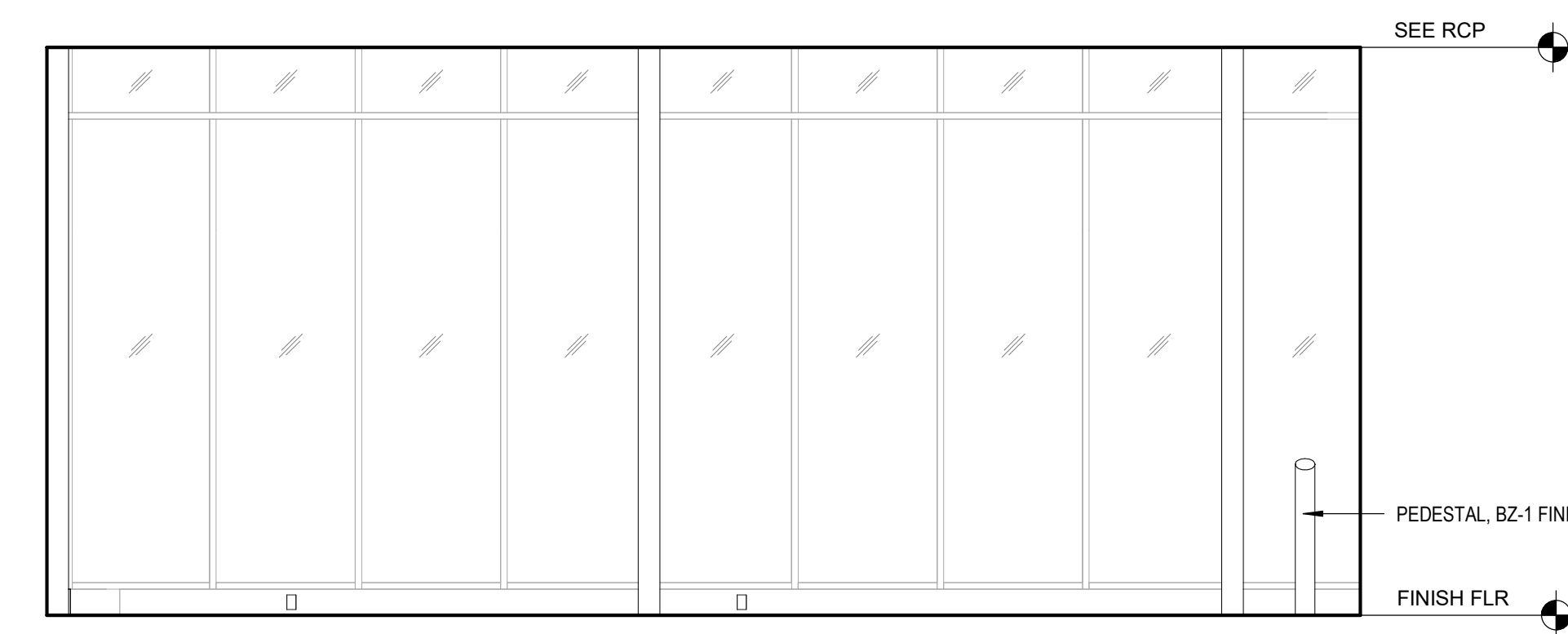
2 VESTIBULE - N  
A1202 SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



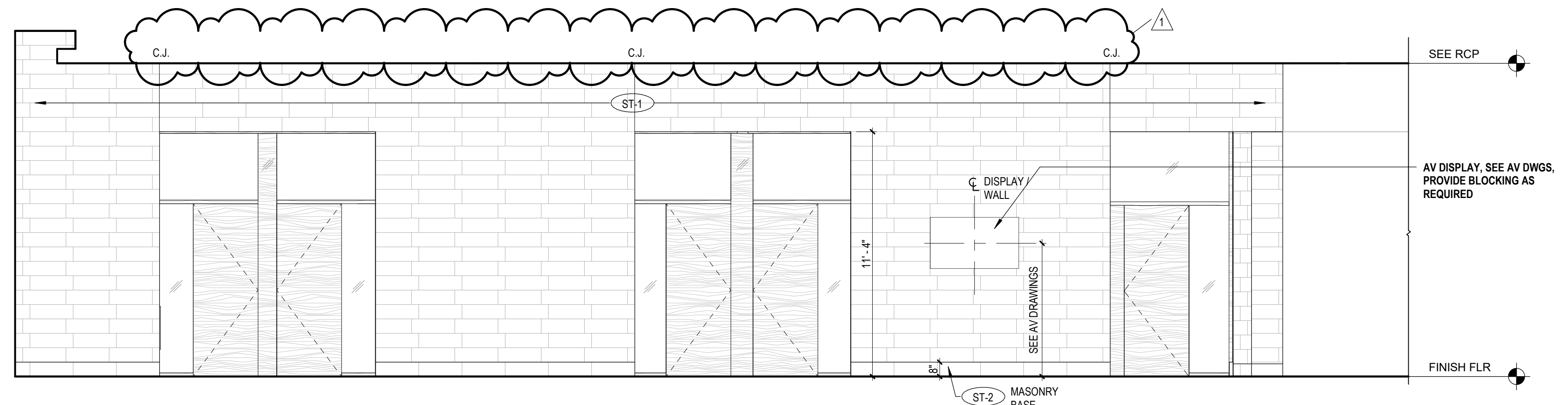
10 LOBBY - BOX OFFICE  
A1202 SCALE: 1/4" = 1'-0"



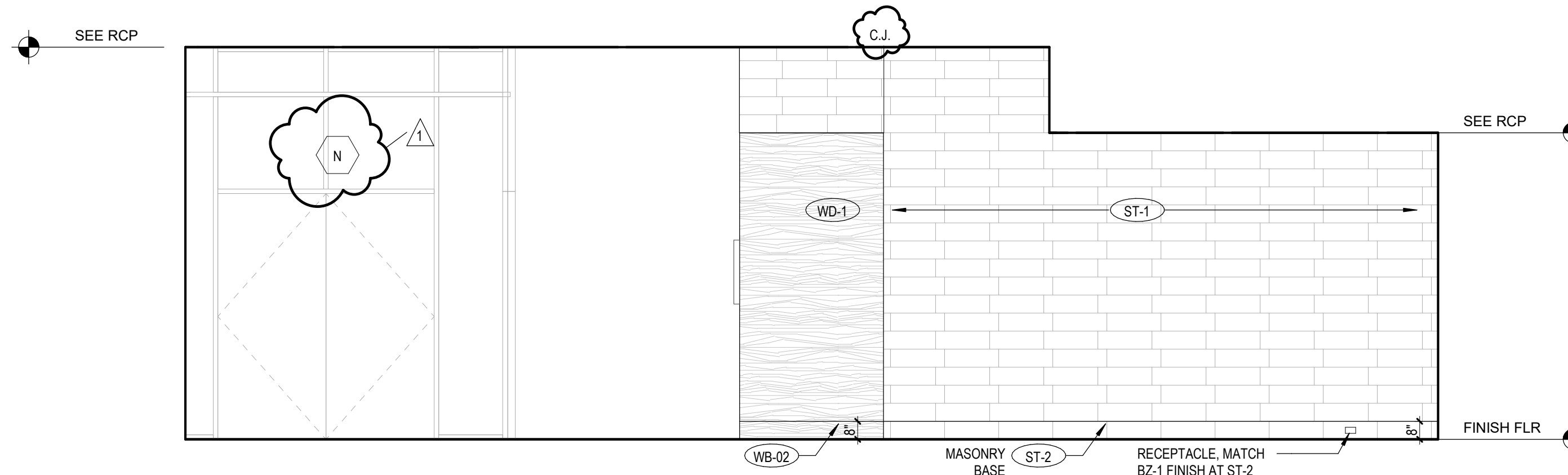
6 CORRIDOR-WA  
A1202 SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



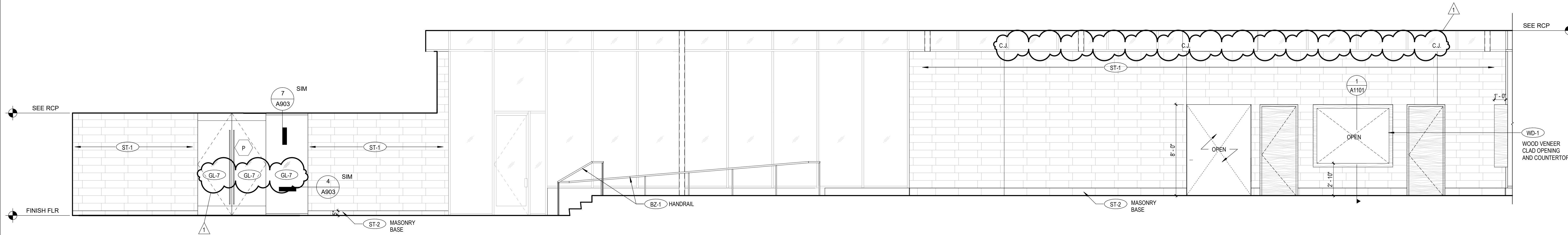
7 CORRIDOR-WB  
A1202 SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



8 LOBBY - E  
A1202 SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



9 LOBBY - N  
A1202 SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



1 CORRIDOR-W  
A1202 SCALE: 1/4" = 1'-0" INTERIOR ELEVATION

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CONSTRUCTION

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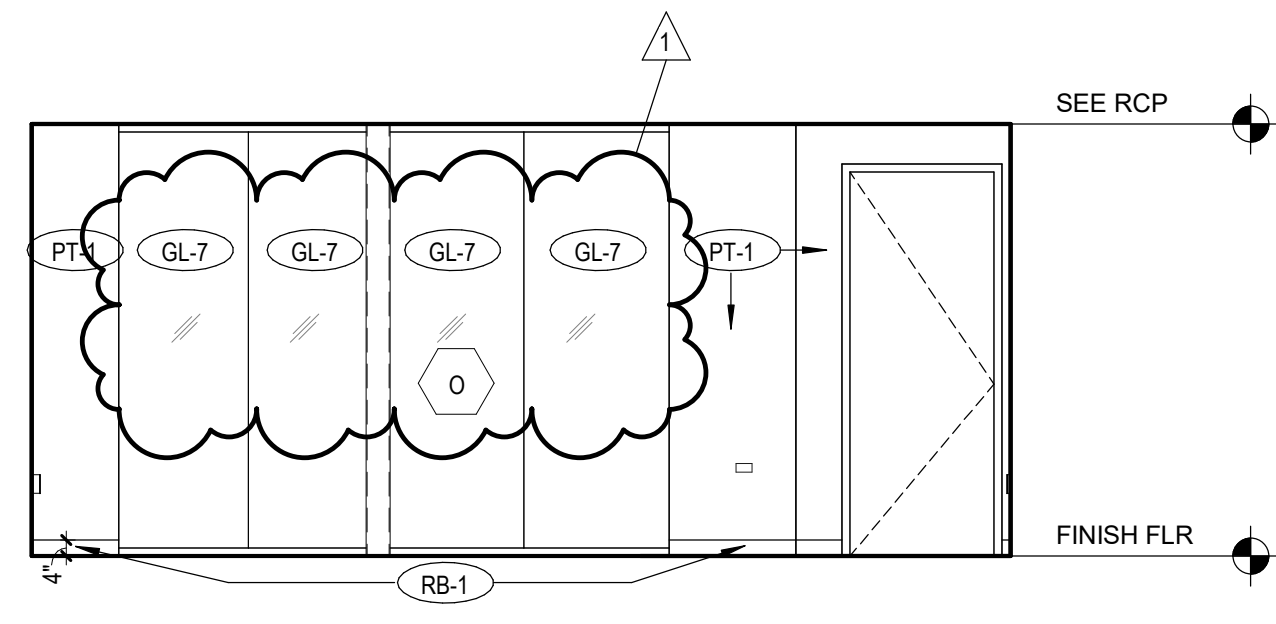
687 MOSSER ROAD,  
MCHEENY, MD 21541

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AND PERMIT

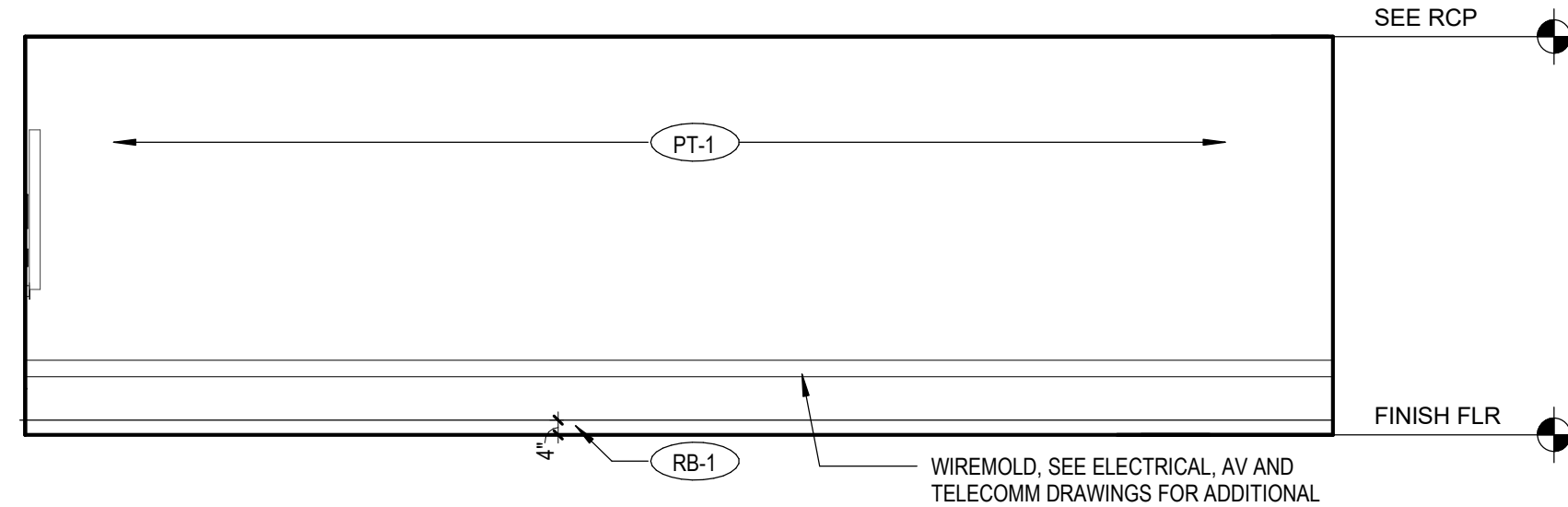
Issue Date: 11/15/2019  
Revisions  
1 ADDENDUM 01 12/11/2019

56-18107-00  
INTERIOR  
ELEVATIONS  
BACK OF HOUSE

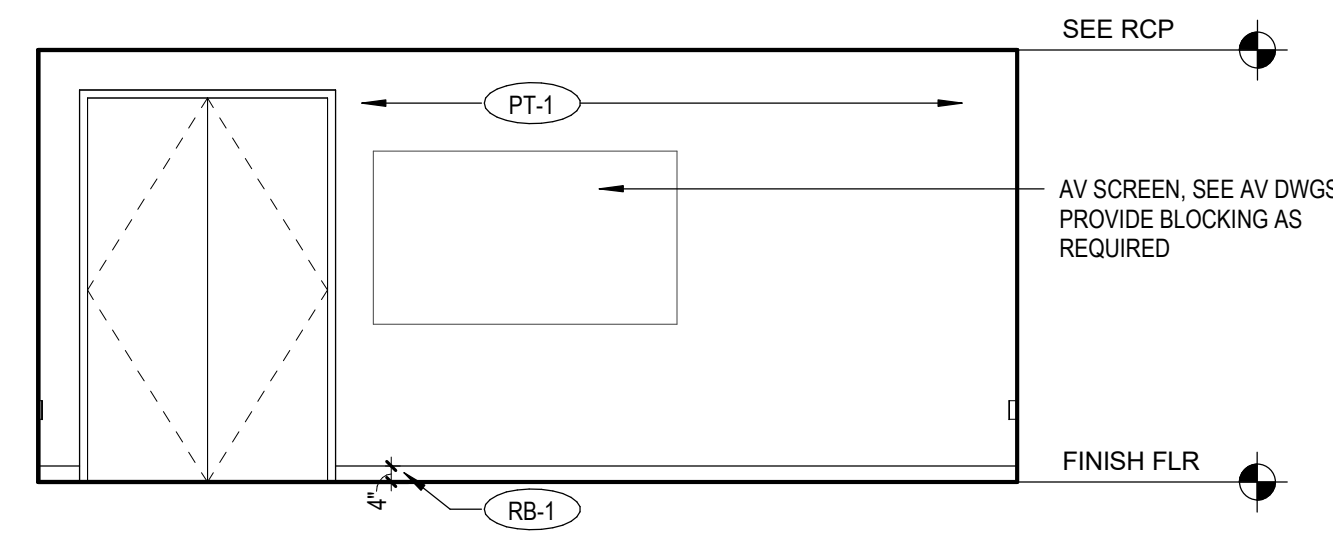
A1203



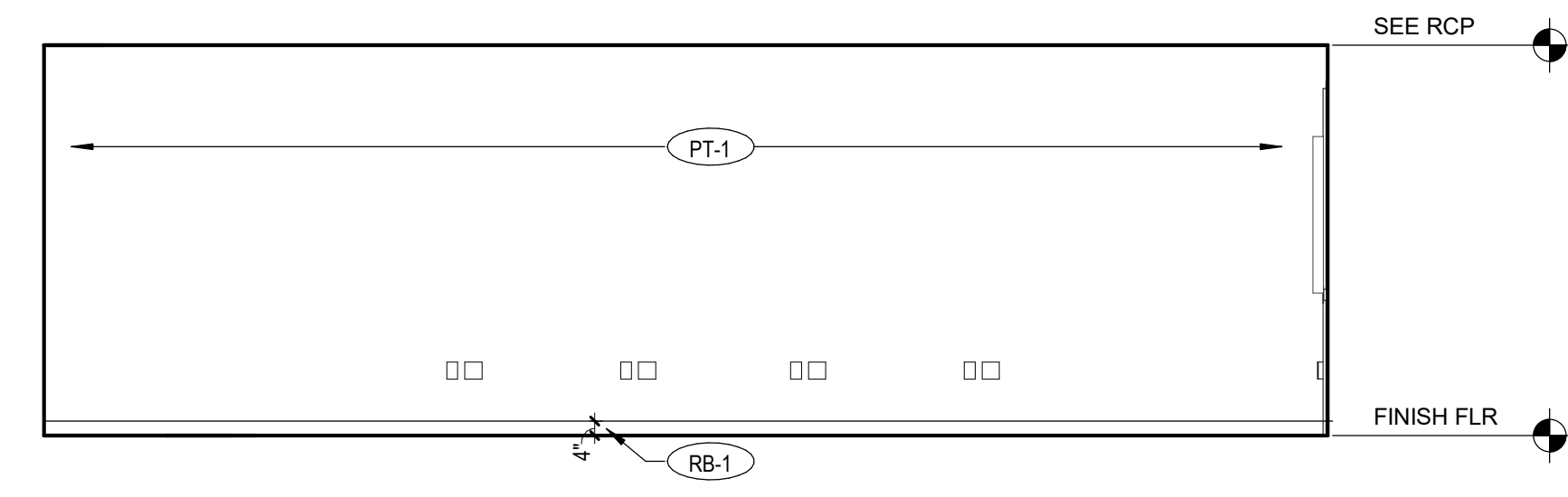
20 PIANO LAB - W  
A1203 / SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



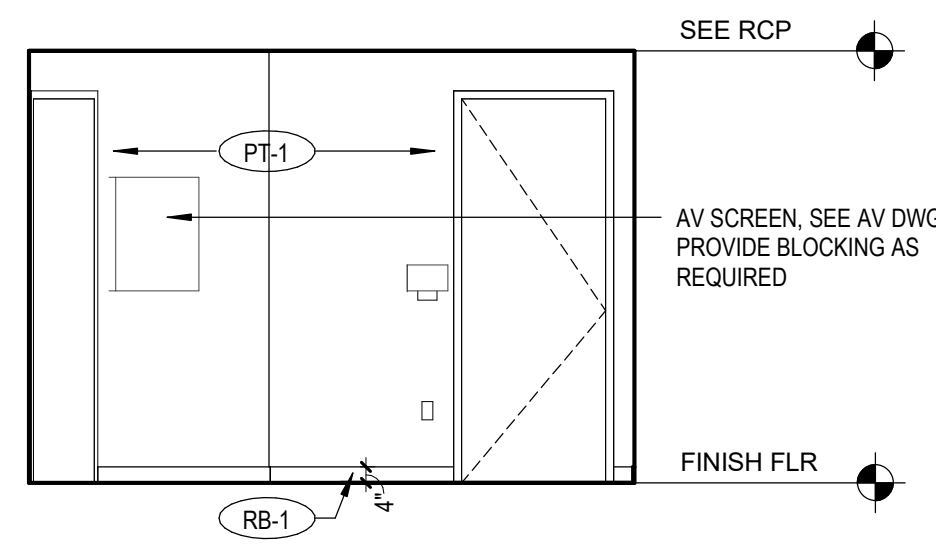
19 PIANO LAB - S  
A1203 / SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



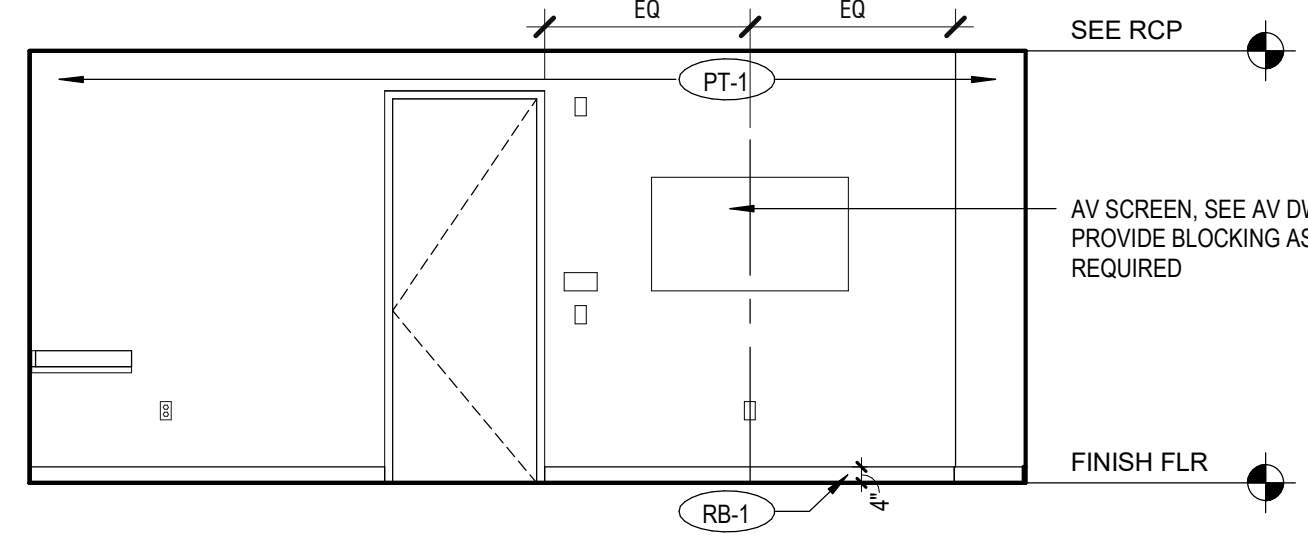
18 PIANO LAB - E  
A1203 / SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



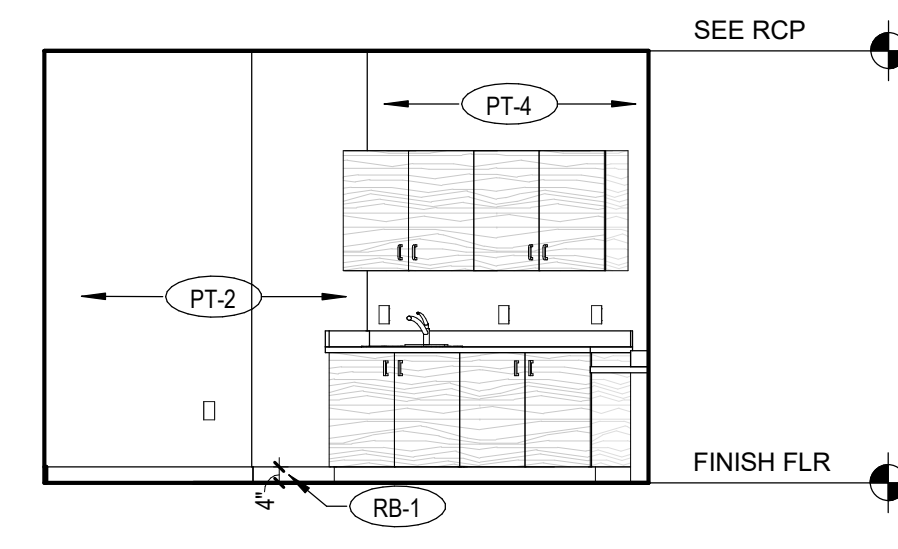
17 PIANO LAB - N  
A1203 / SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



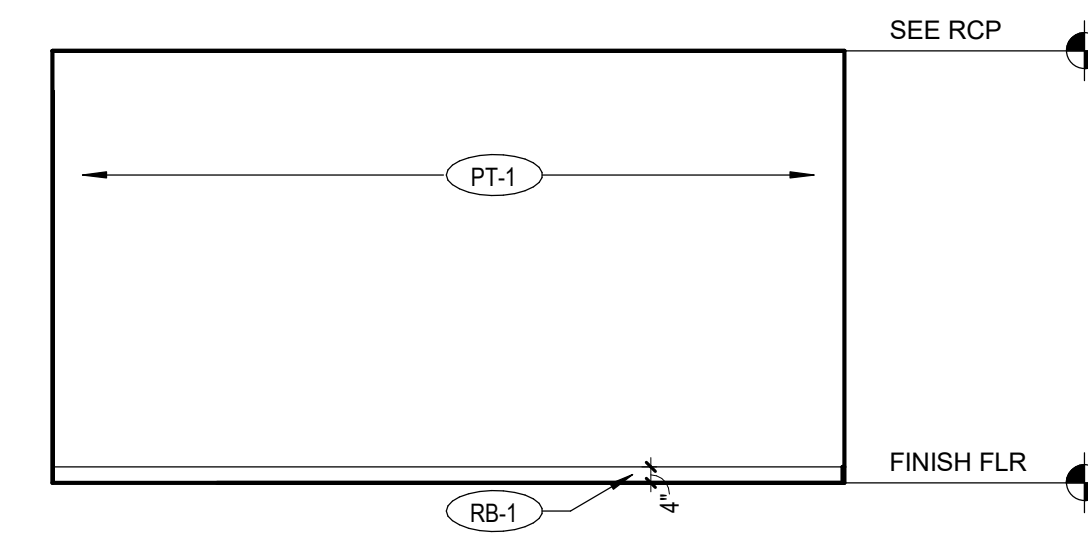
16 GREEN ROOM - W  
A1203 / SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



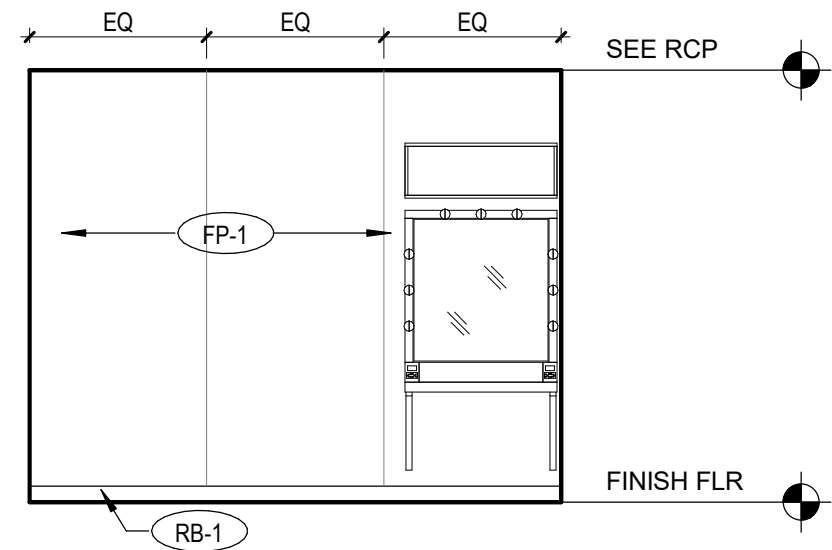
15 GREEN ROOM - S  
A1203 / SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



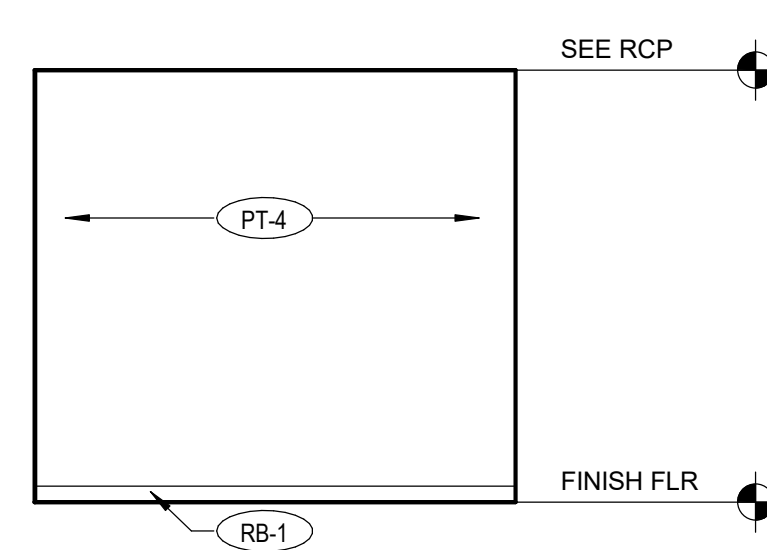
14 GREEN ROOM - E  
A1203 / SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



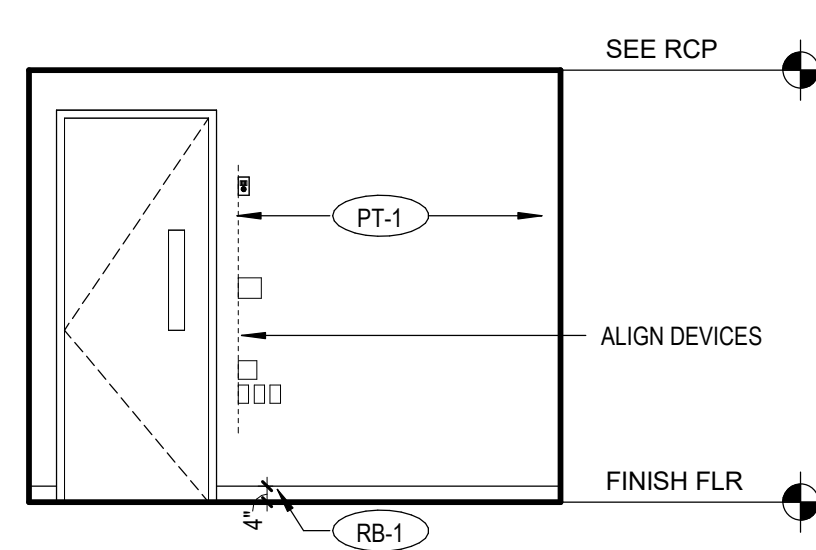
13 GREEN ROOM - N  
A1203 / SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



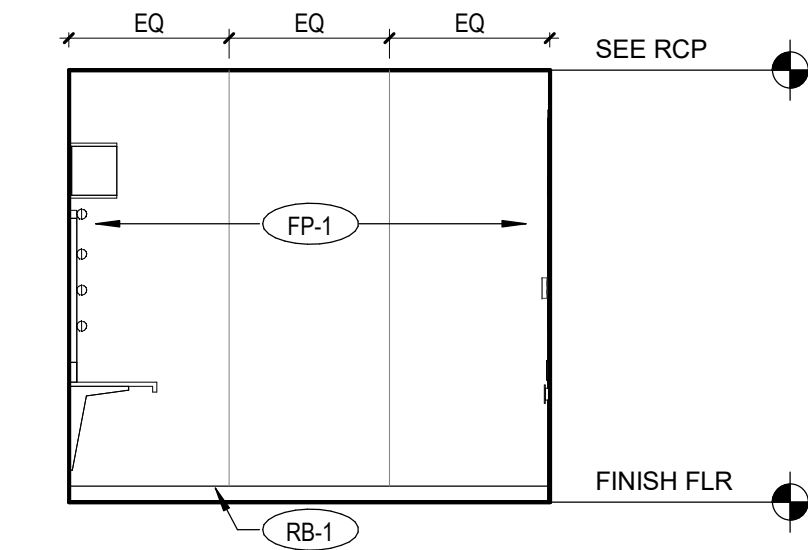
12 PRINCIPAL DRESSING / PRACTICE - W  
A1203 / SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



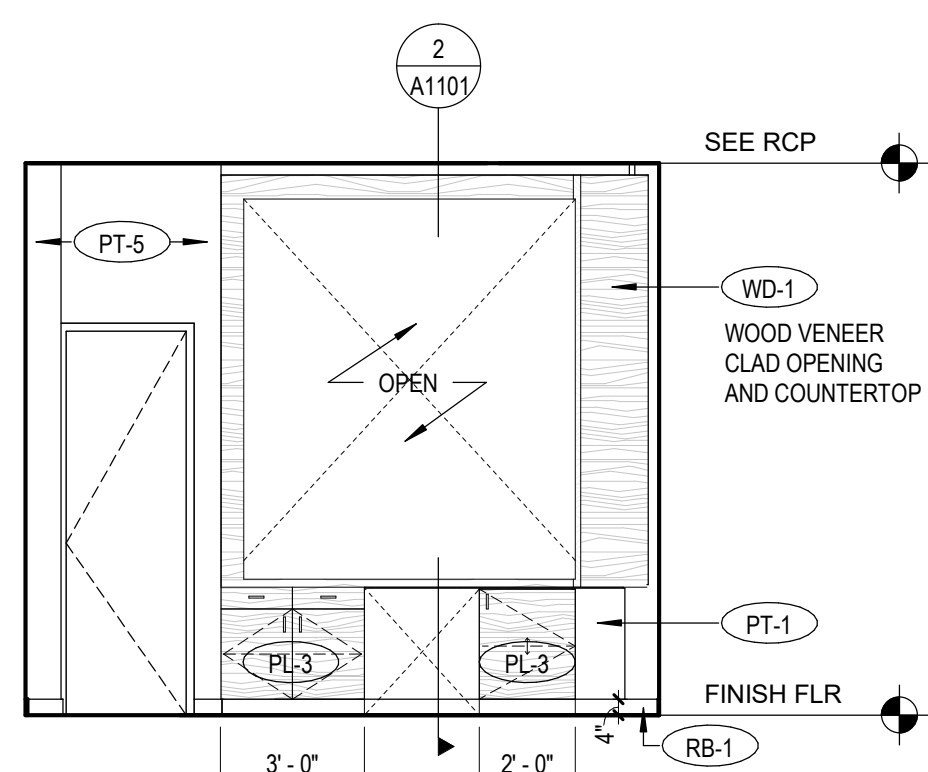
11 PRINCIPAL DRESSING / PRACTICE - S  
A1203 / SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



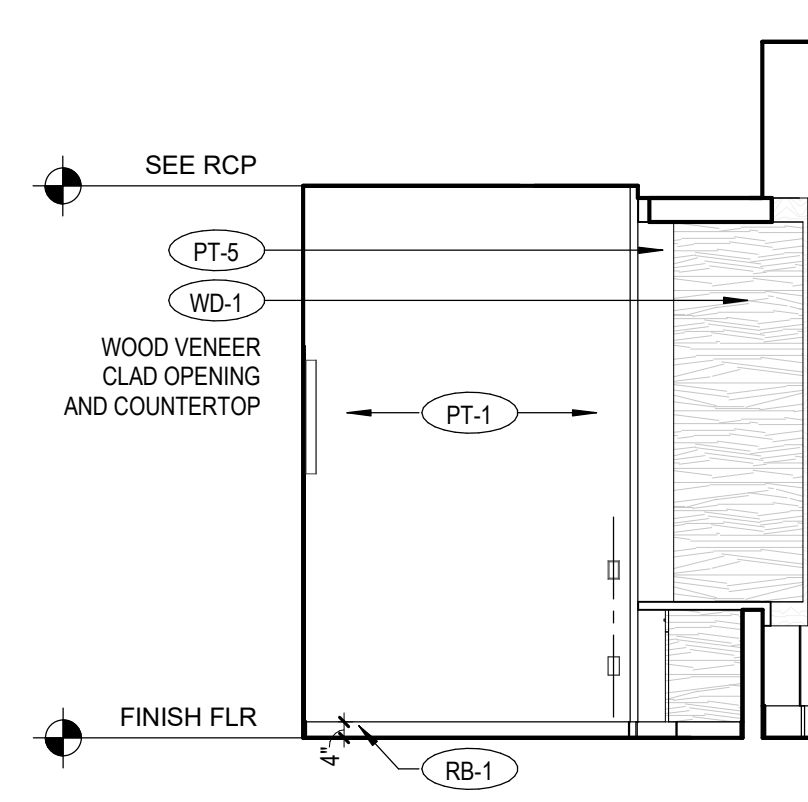
10 PRINCIPAL DRESSING / PRACTICE - E  
A1203 / SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



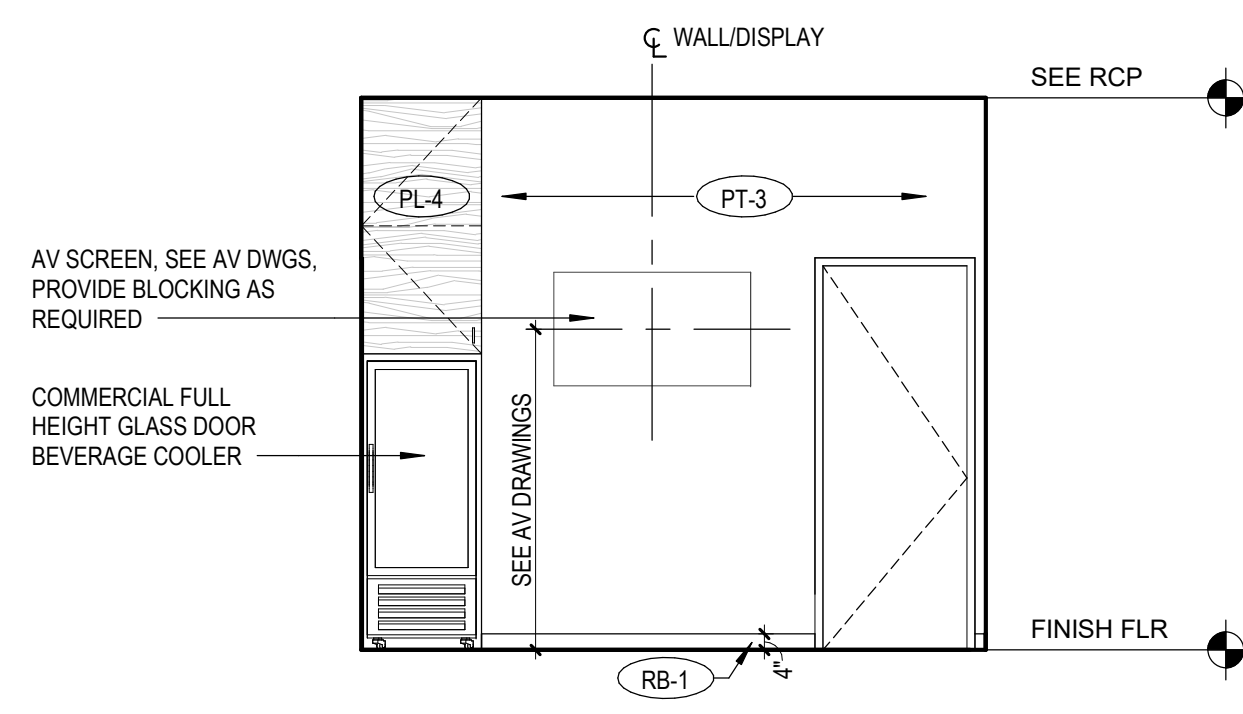
9 PRINCIPAL DRESSING / PRACTICE - N  
A1203 / SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



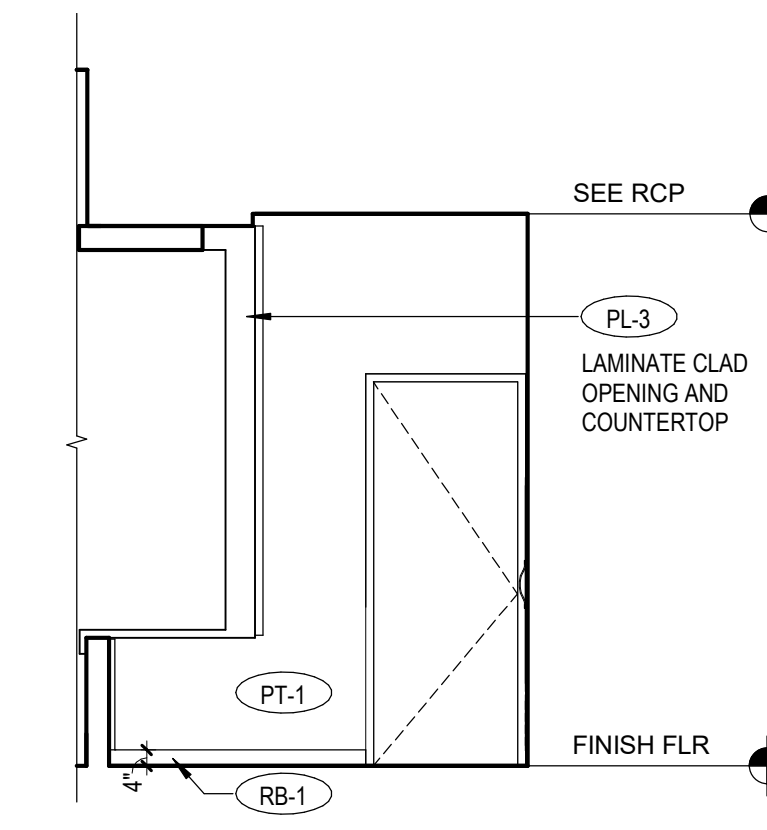
8 CONCESSIONS - W  
A1203 / SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



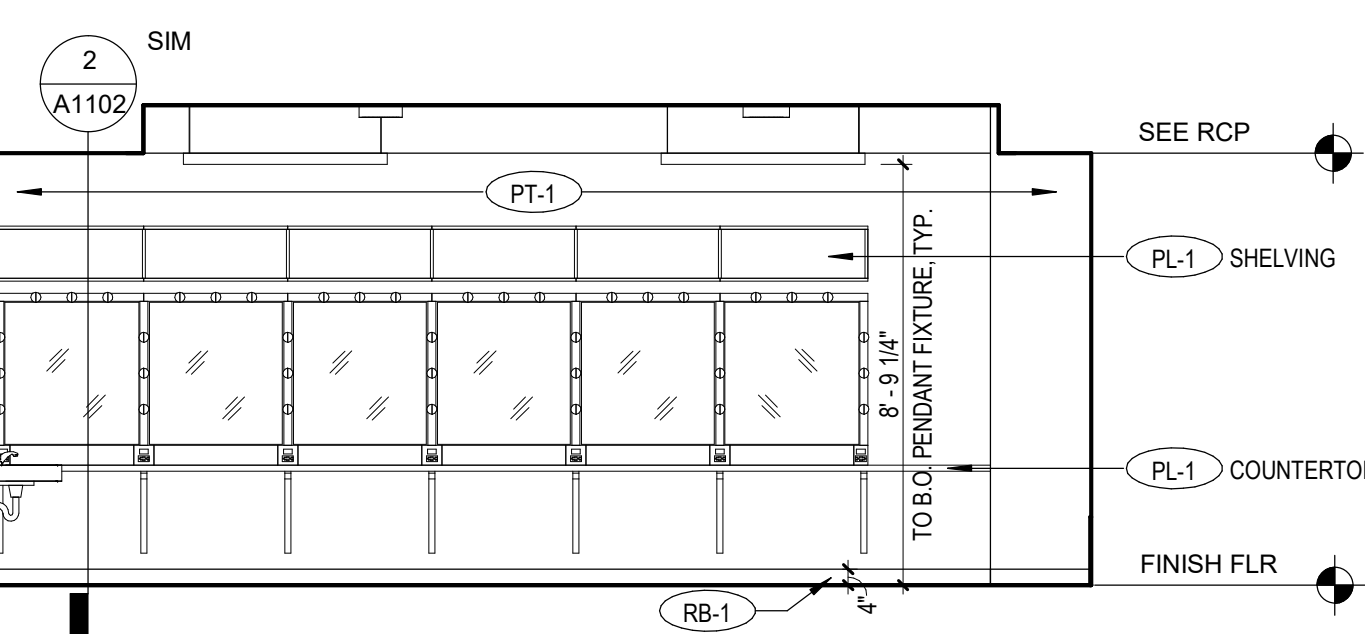
7 CONCESSIONS - S  
A1203 / SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



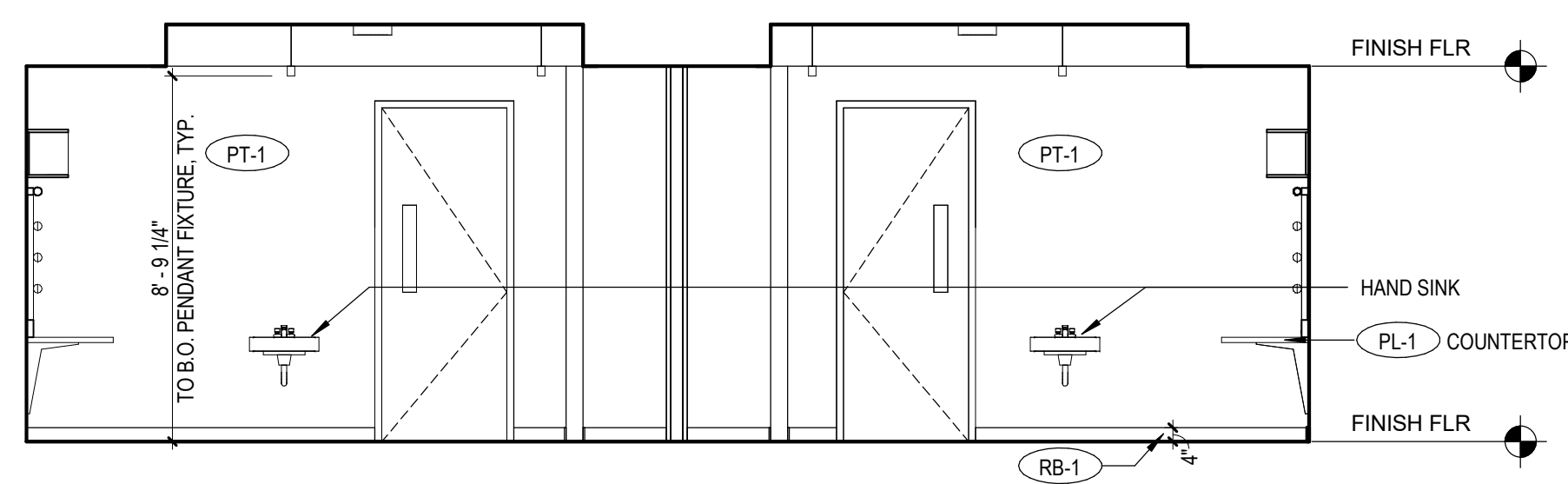
6 CONCESSIONS - E  
A1203 / SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



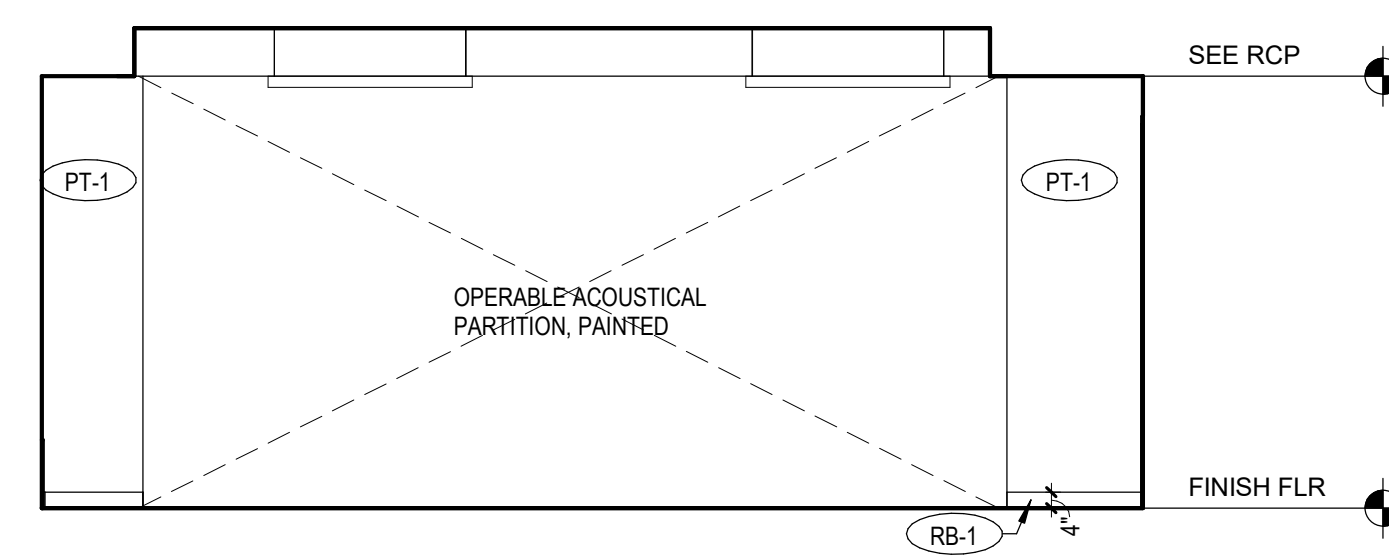
5 CONCESSIONS - N  
A1203 / SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



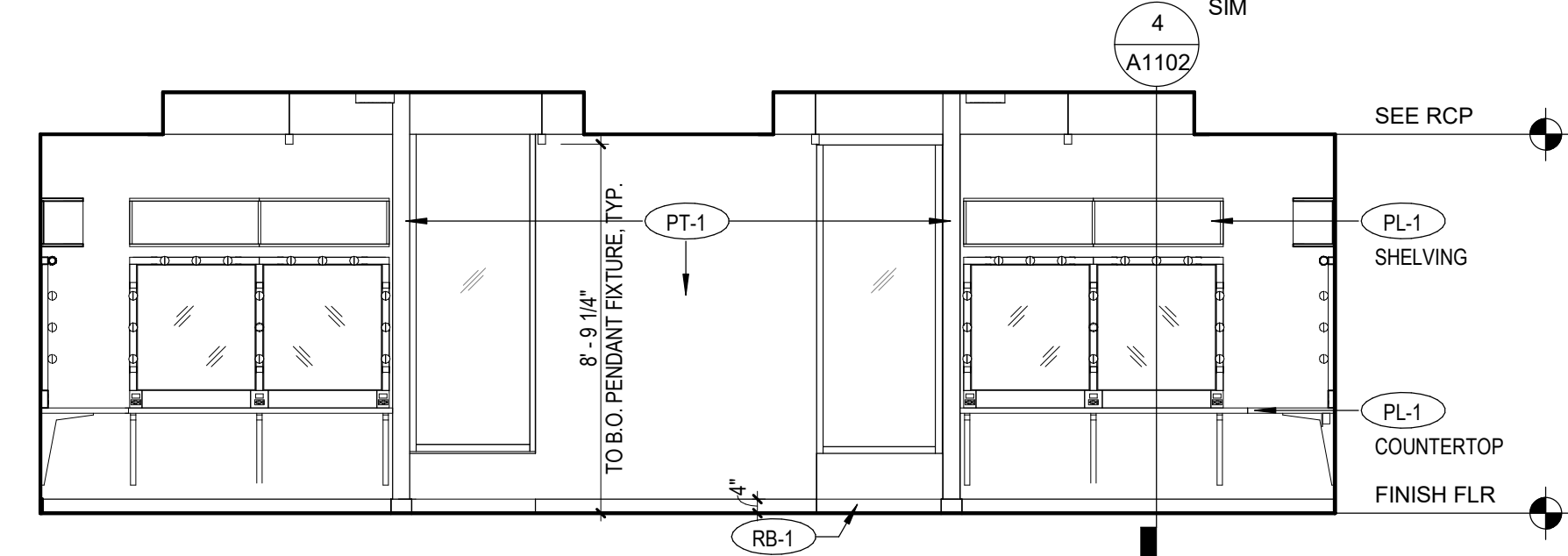
4 DRESSING ROOM/MULTIPURPOSE-W  
A1203 / SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



3 DRESSING ROOM/MULTIPURPOSE-S  
A1203 / SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



2 DRESSING ROOM/MULTIPURPOSE-E  
A1203 / SCALE: 1/4" = 1'-0" INTERIOR ELEVATION



1 DRESSING ROOM/MULTIPURPOSE-N  
A1203 / SCALE: 1/4" = 1'-0" INTERIOR ELEVATION

NOT FOR CONSTRUCTION

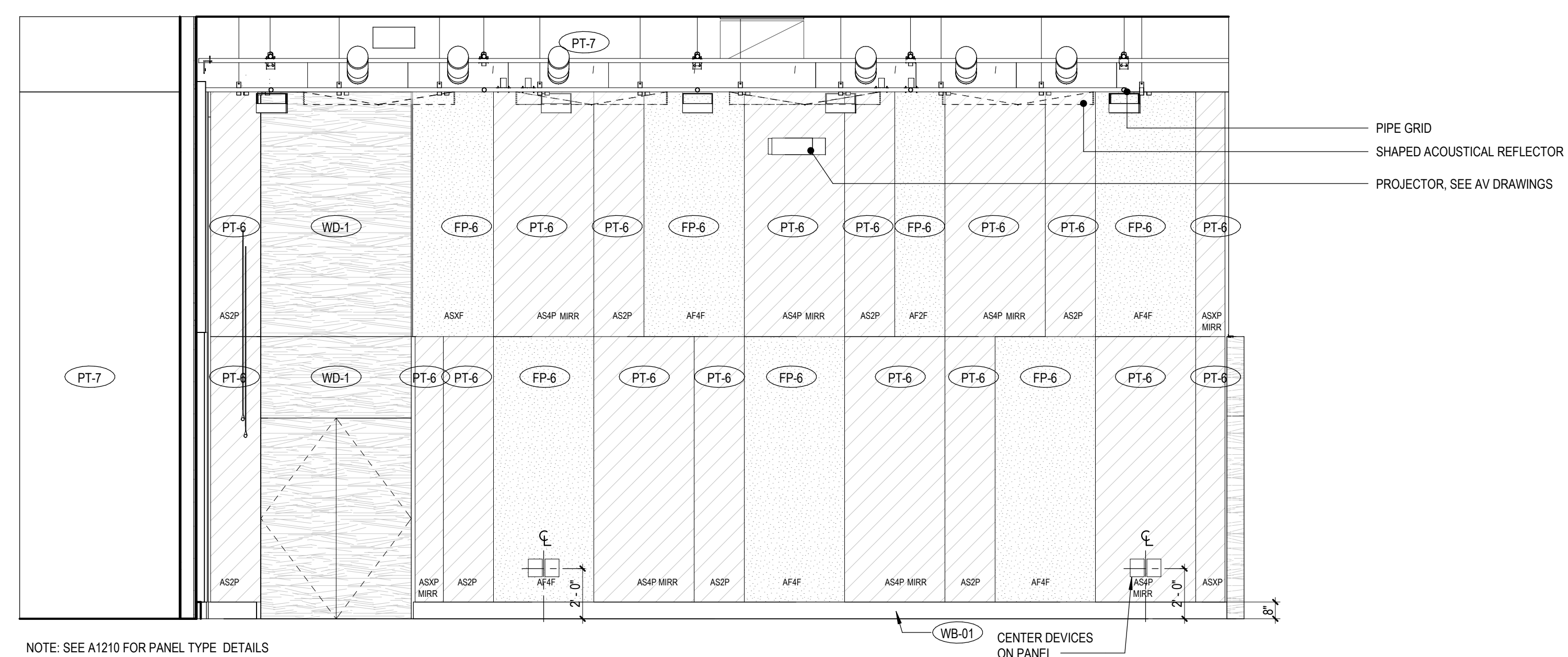
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687 MOSSER ROAD,  
MCKENRY, MD 21541

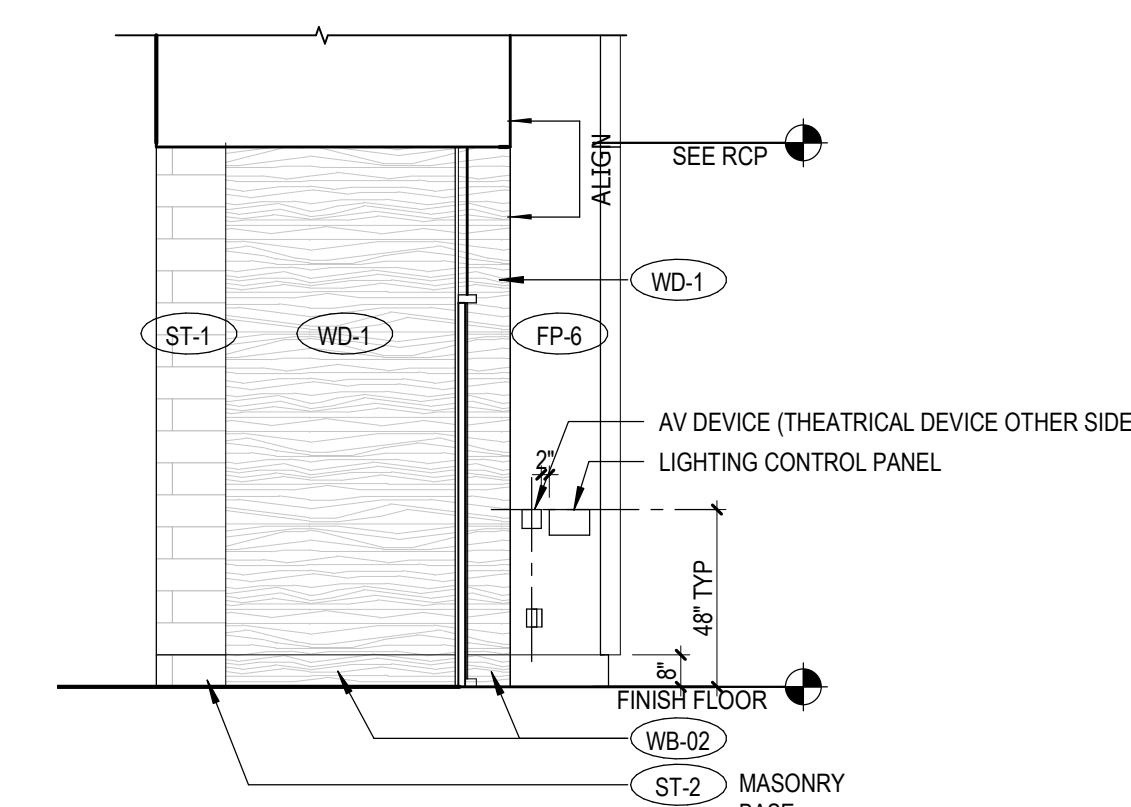
ISSUED FOR BID AND PERMIT  
Issue Date: 11/15/2019  
Revisions  
1 ADDENDUM 01 12/11/2019

56-18107-00  
INTERIOR ELEVATIONS  
MULTIPURPOSE ROOM

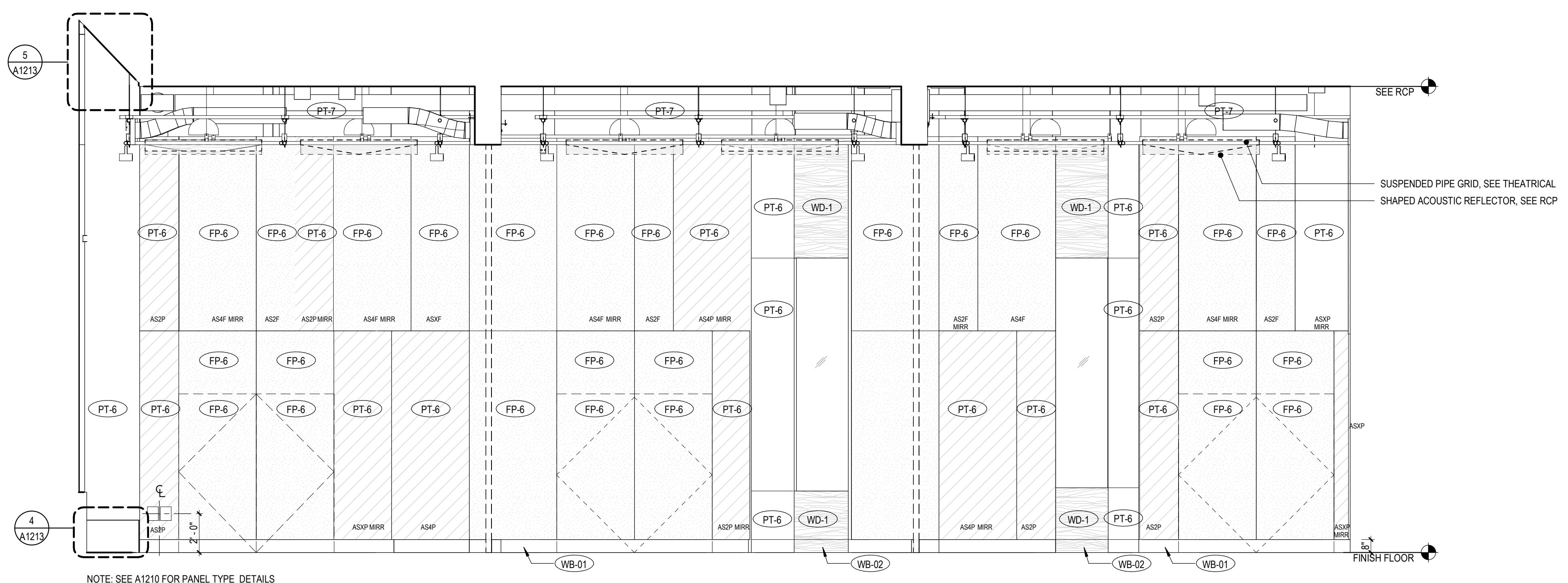
A1208



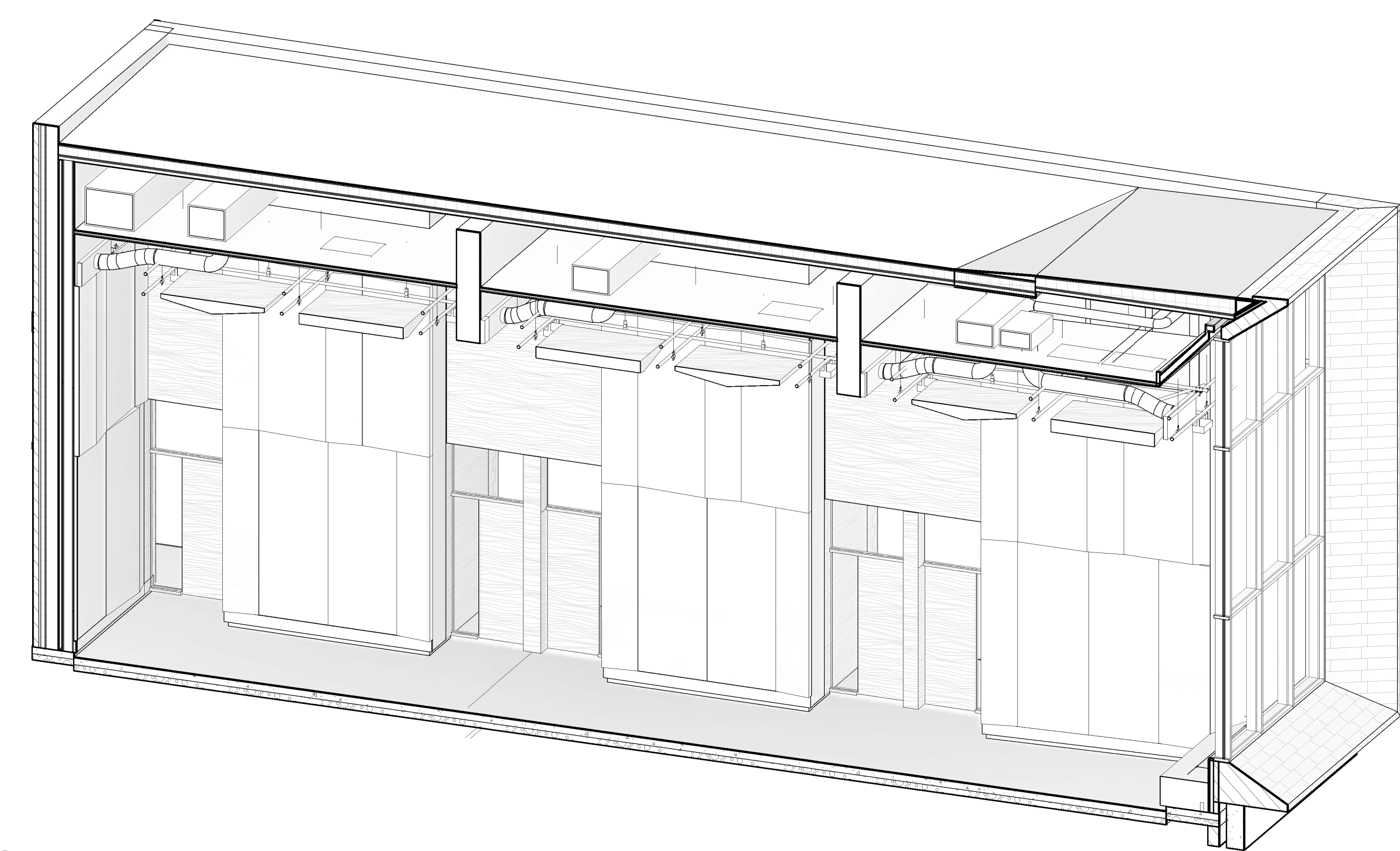
NOTE: SEE A1210 FOR PANEL TYPE DETAILS  
**5 INTERIOR ELEVATION - MULTIPURPOSE ROOM SOUTH**  
A1208 SCALE: 1/4" = 1'-0"



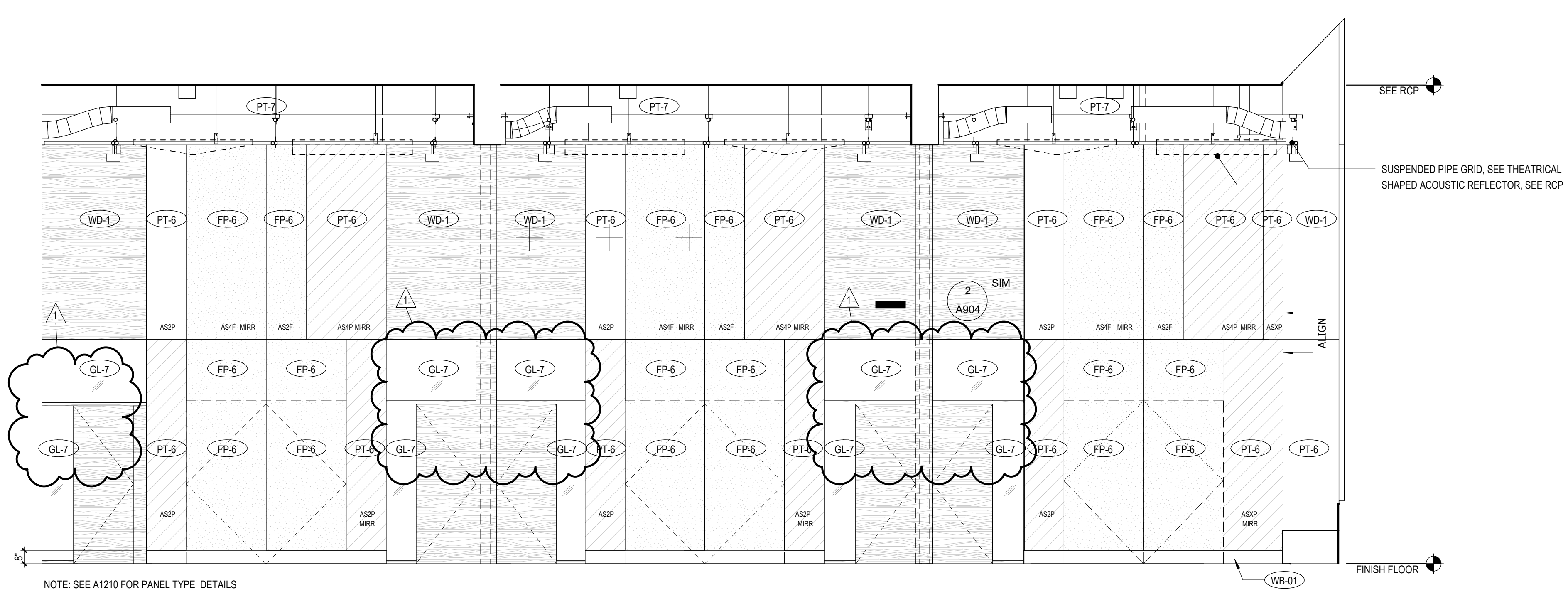
**1 INTERIOR ELEVATION - MULTIPURPOSE ROOM SIDE WALL**  
A1208 SCALE: 1/4" = 1'-0"



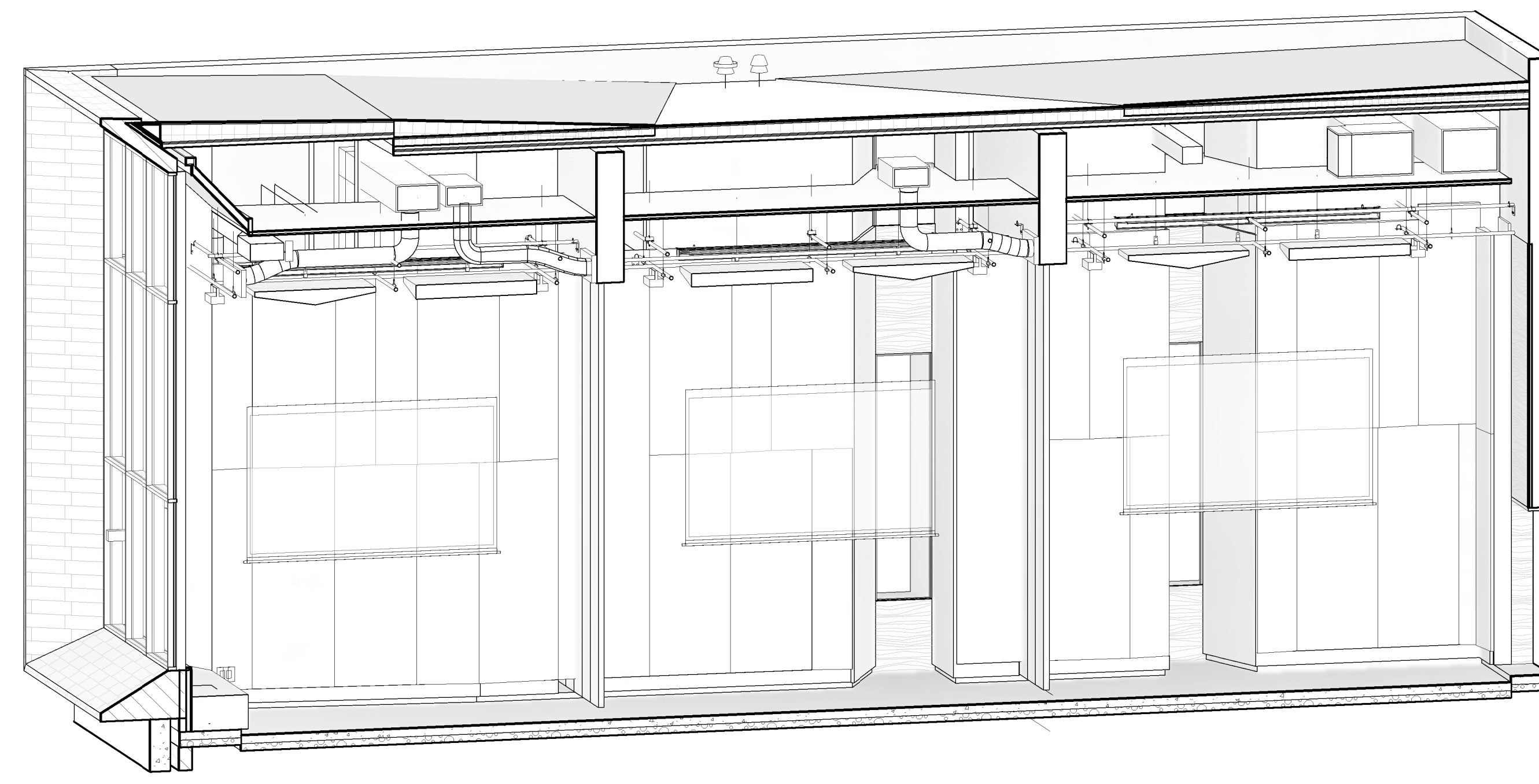
NOTE: SEE A1210 FOR PANEL TYPE DETAILS  
**4 INTERIOR ELEVATION - MP RM - EAST**  
A1208 SCALE: 1/4" = 1'-0"



**6 MULTIPURPOSE ROOM - WEST WALL**  
A1208 SCALE:

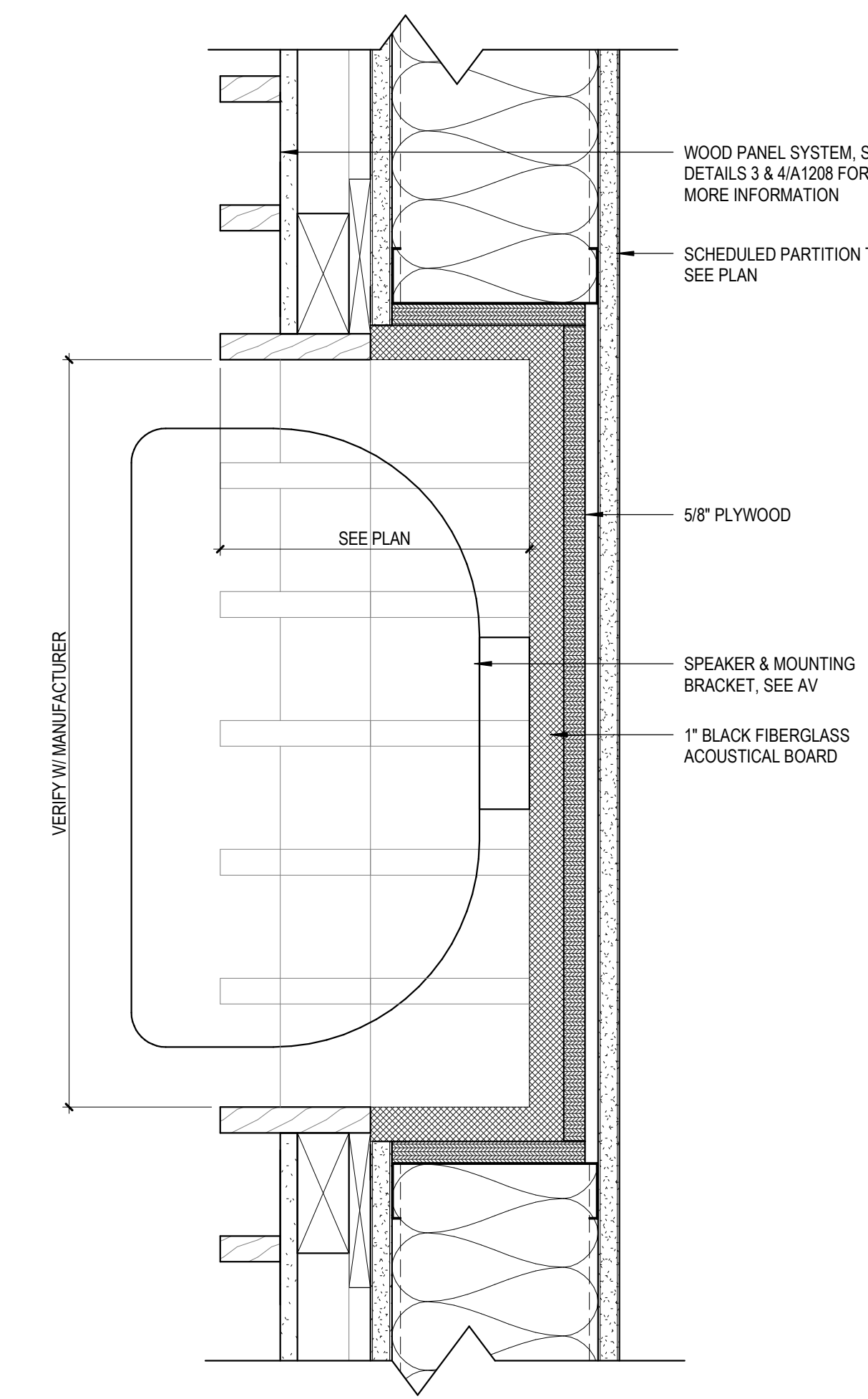


NOTE: SEE A1210 FOR PANEL TYPE DETAILS  
**3 INTERIOR ELEVATION - MP ROOM WEST**  
A1208 SCALE: 1/4" = 1'-0"

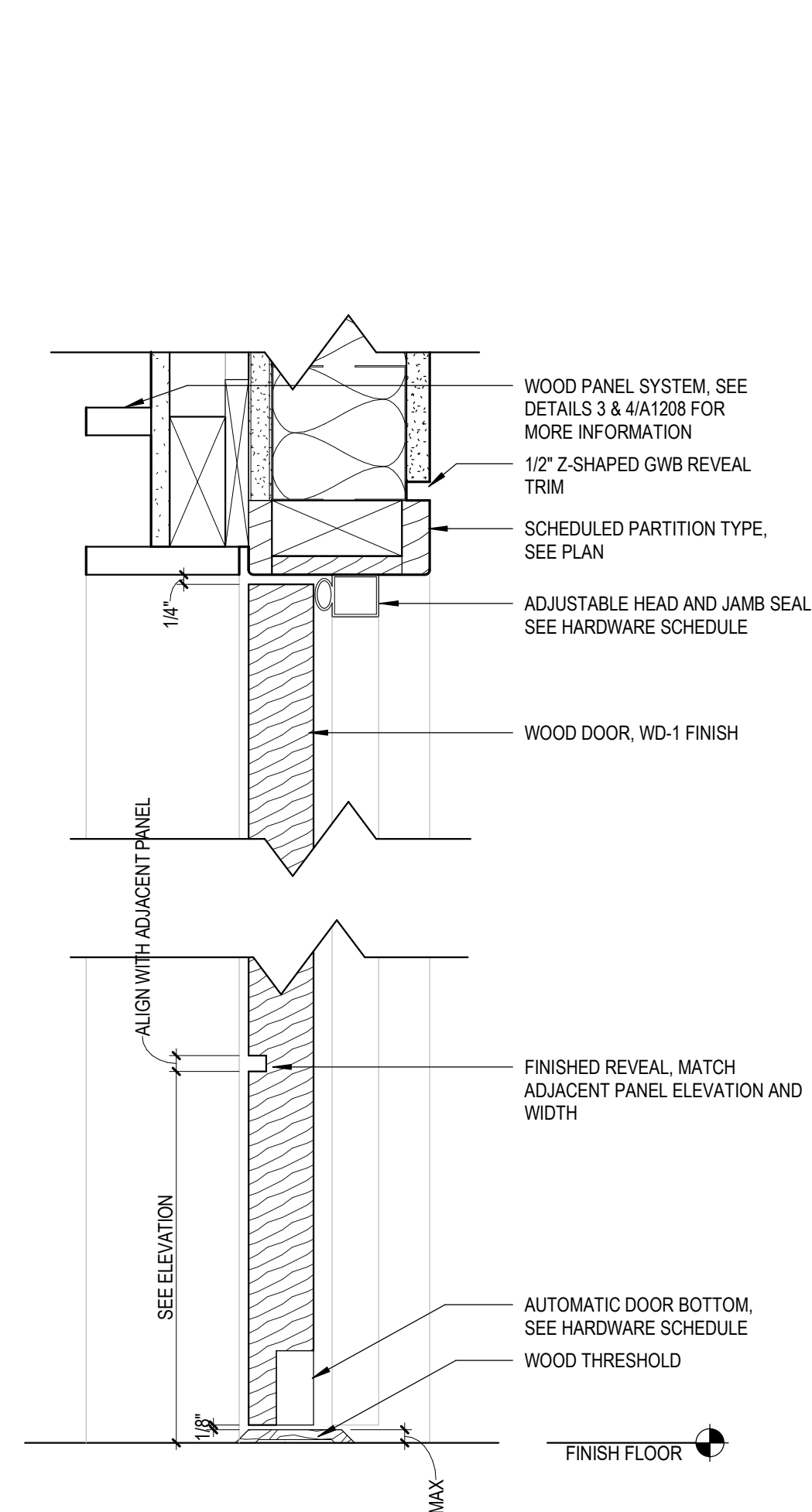


**2 MULTIPURPOSE ROOM - EAST WALL**  
A1208 SCALE:

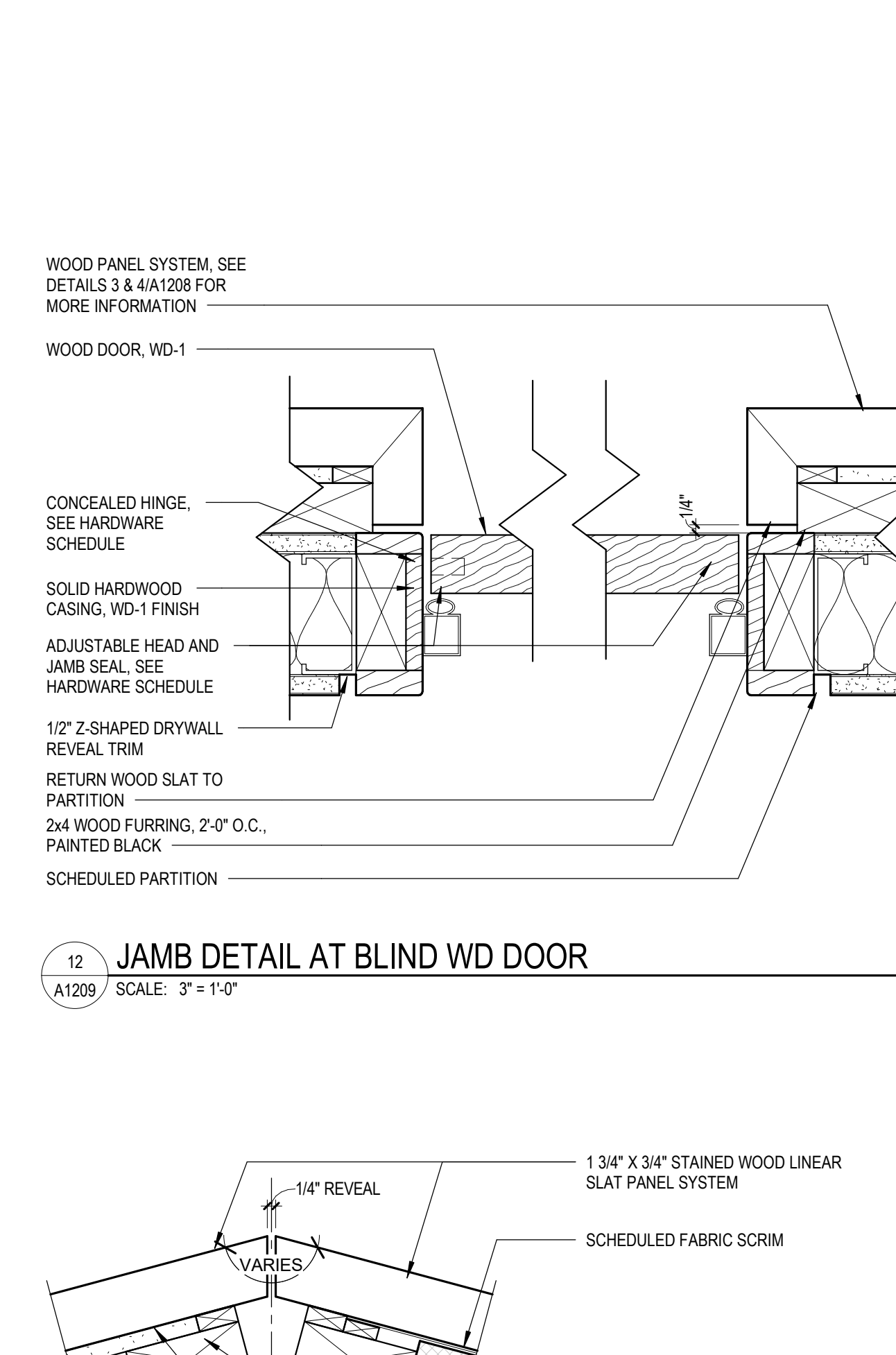
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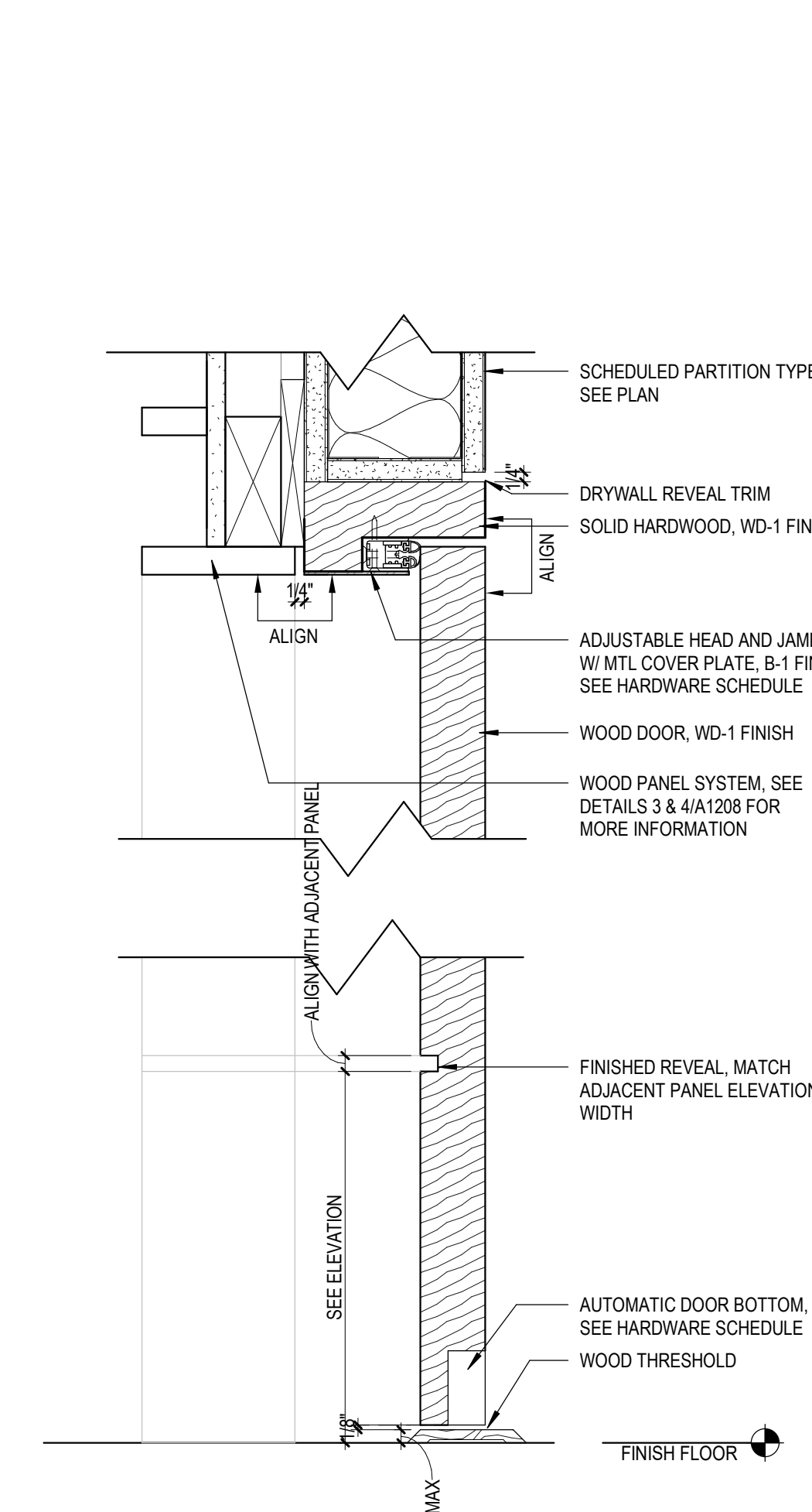
10 RECESSED SPEAKER DETAIL @ SIDE WALL  
A1209 SCALE: 3" = 1'-0"



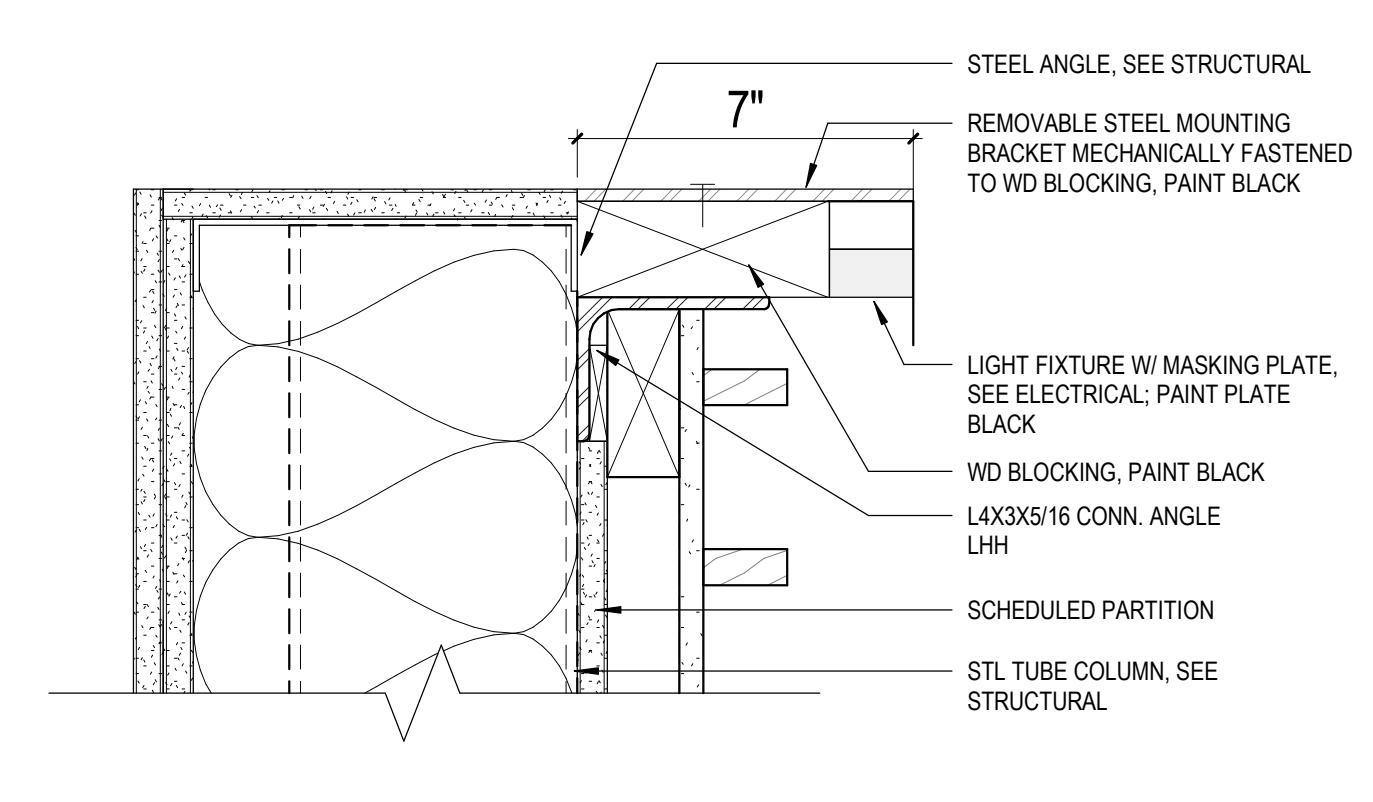
11 HEAD DETAIL AT BLIND WD DOOR  
A1209 SCALE: 3" = 1'-0"



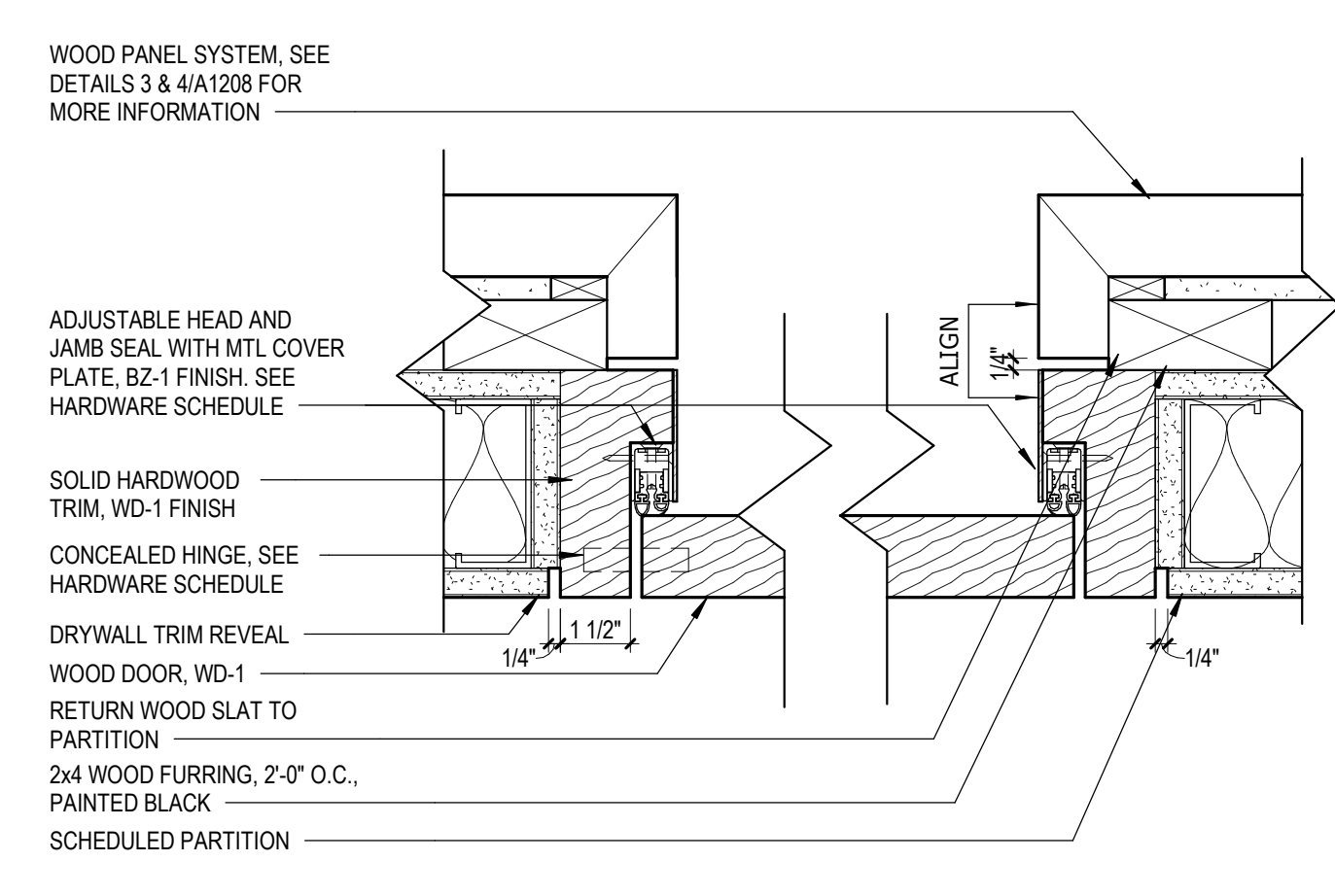
12 JAMB DETAIL AT BLIND WD DOOR  
A1209 SCALE: 3" = 1'-0"



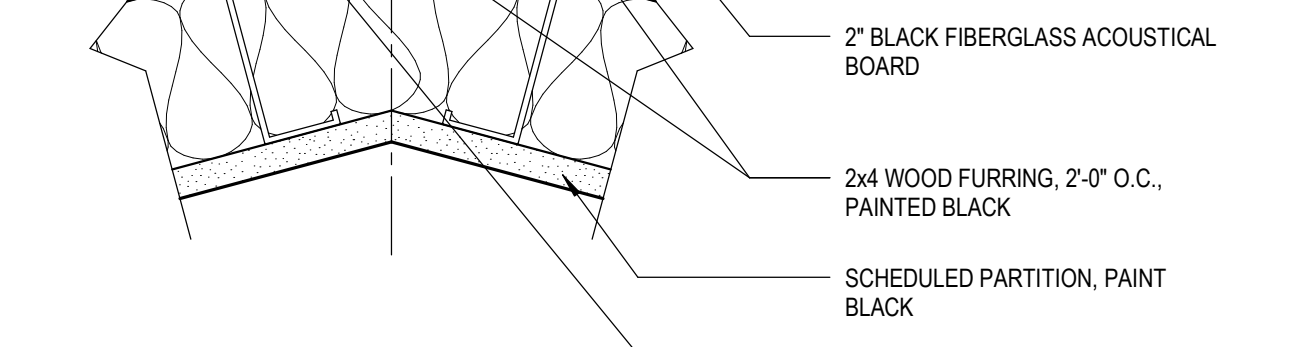
13 HEAD DETAIL AT BLIND WD DOOR  
A1209 SCALE: 3" = 1'-0"



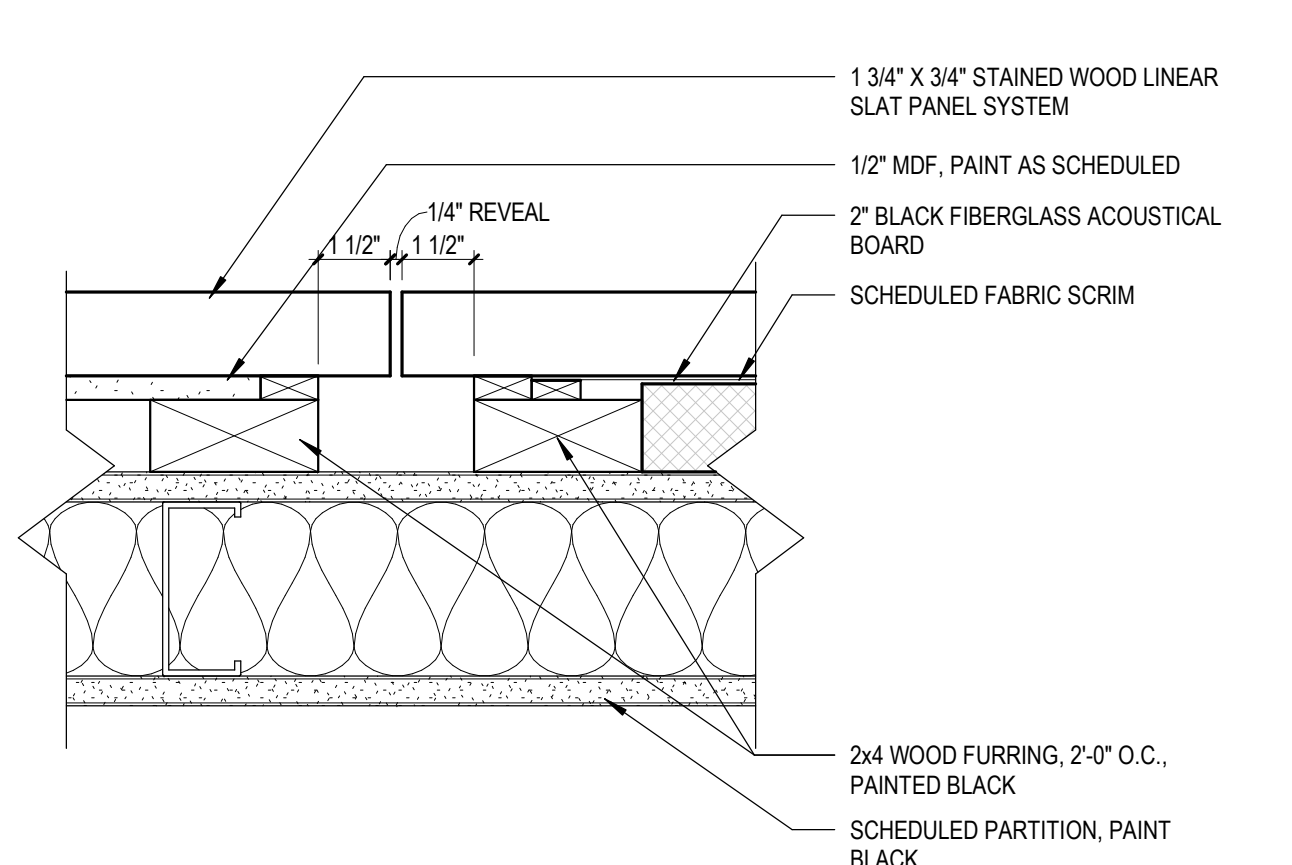
15 ACOUSTIC WOOD PANEL SYSTEM - SECTION  
A1209 SCALE: 3" = 1'-0"



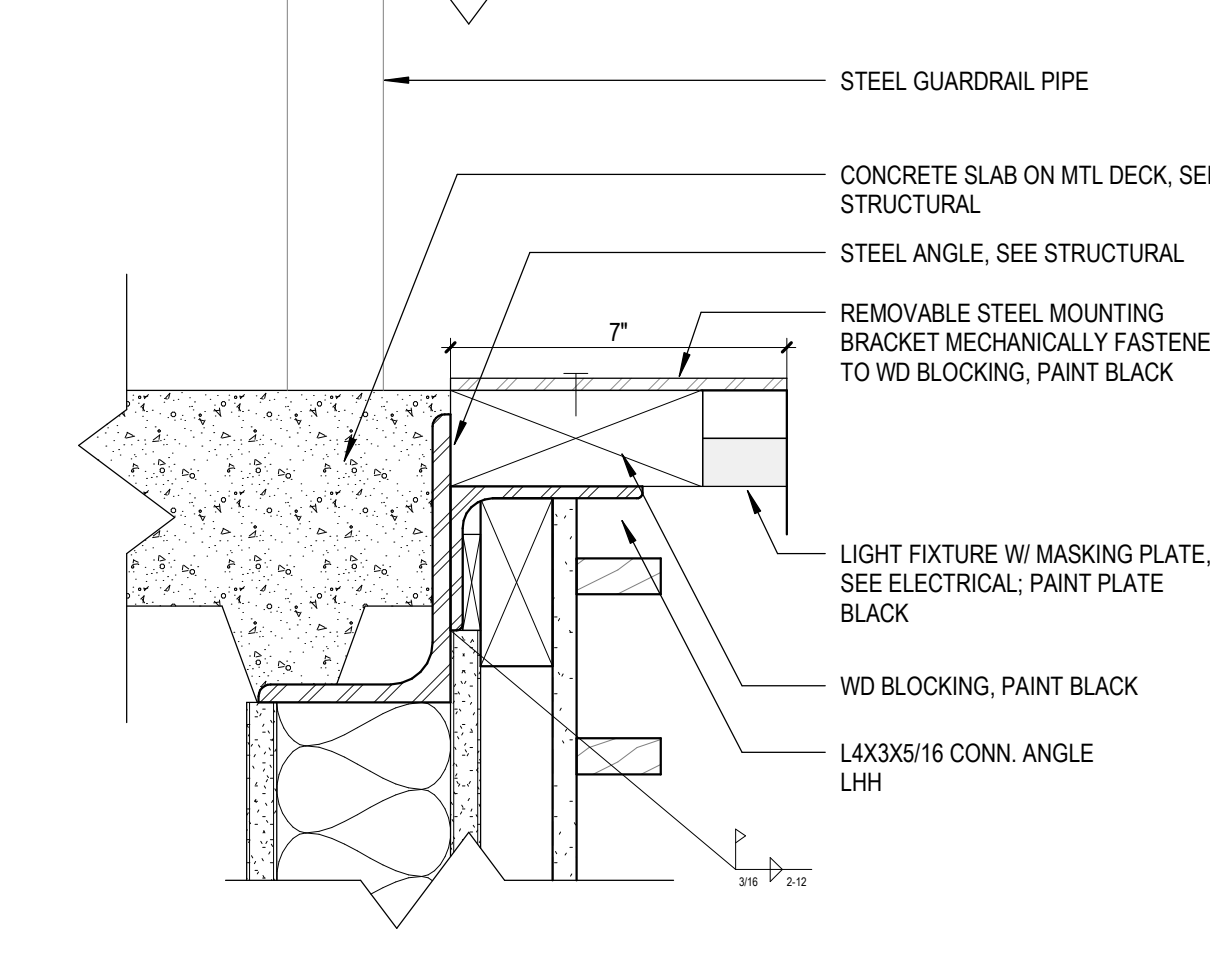
14 JAMB DETAIL AT BLIND WD DOOR  
A1209 SCALE: 3" = 1'-0"



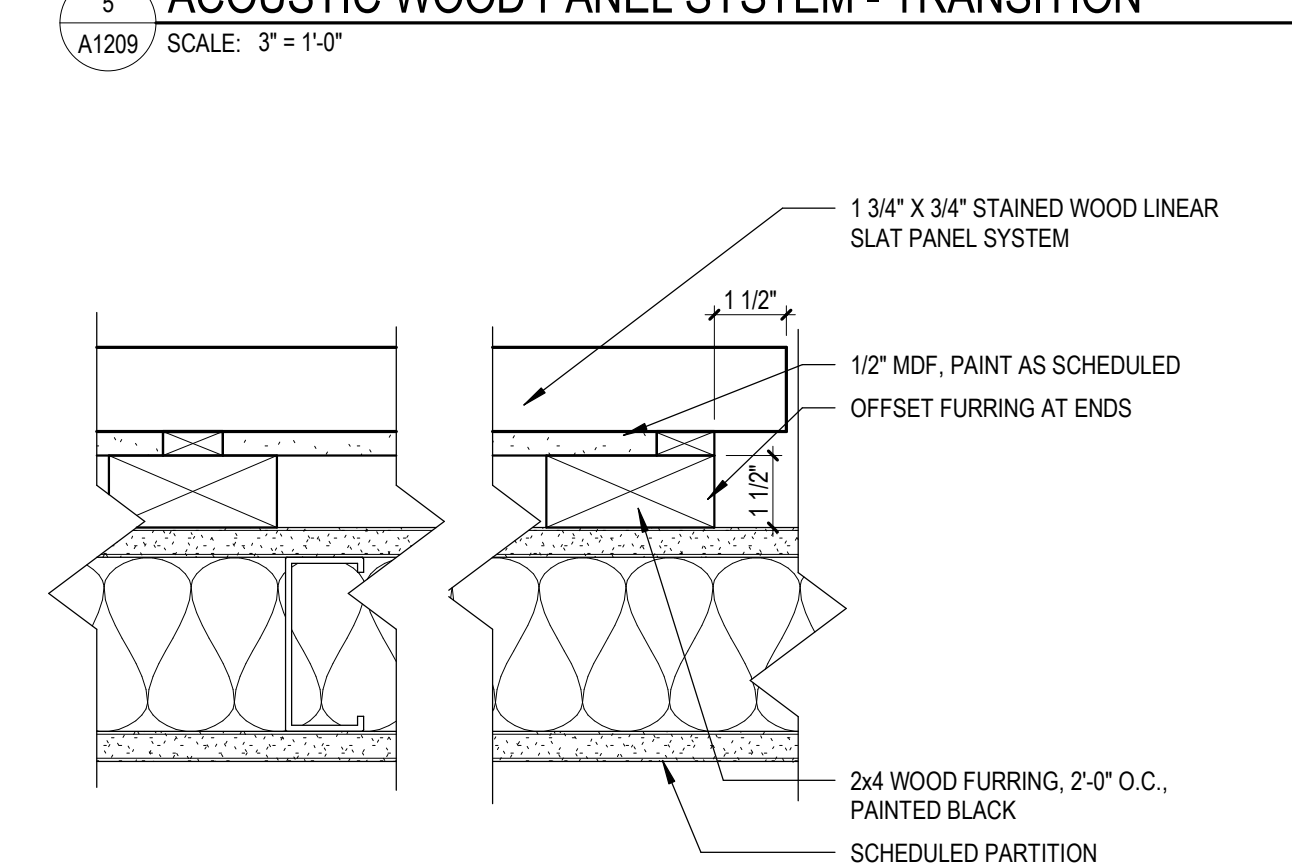
6 ACOUSTIC WOOD PANEL SYSTEM - CORNER  
A1209 SCALE: 3" = 1'-0"



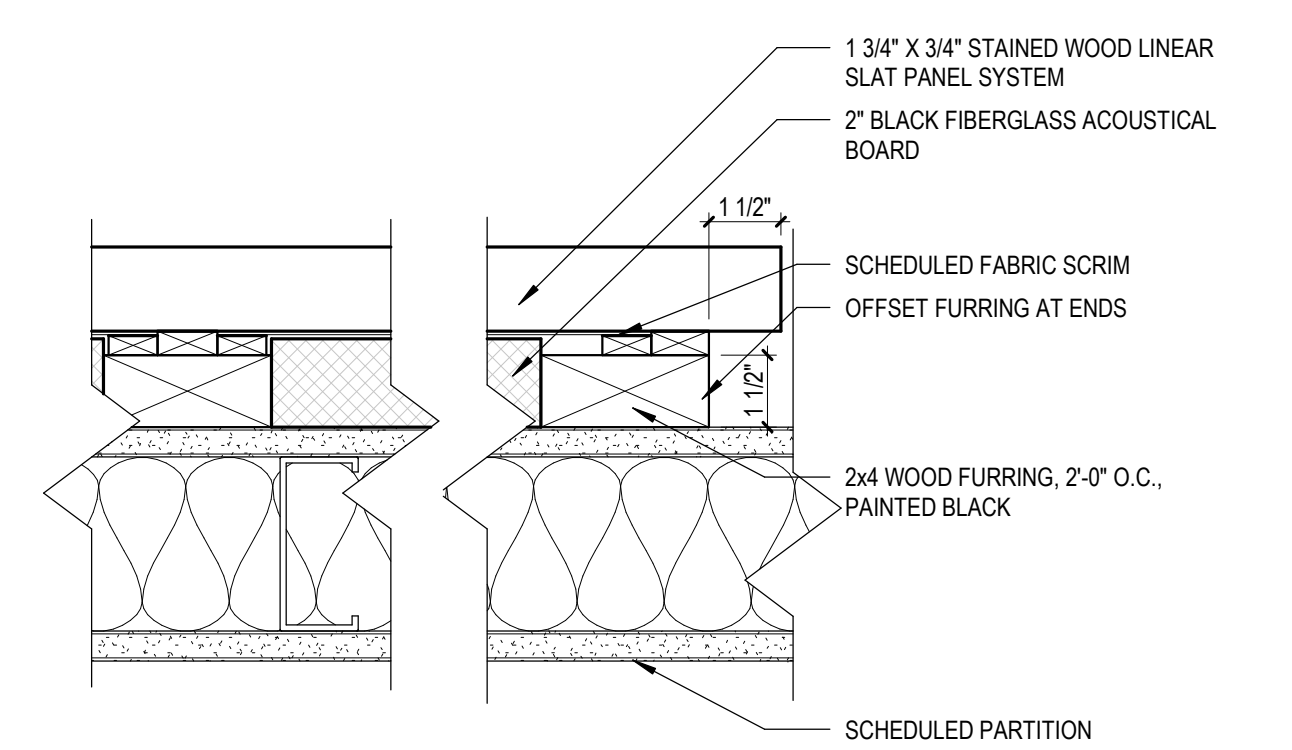
5 ACOUSTIC WOOD PANEL SYSTEM - TRANSITION  
A1209 SCALE: 3" = 1'-0"



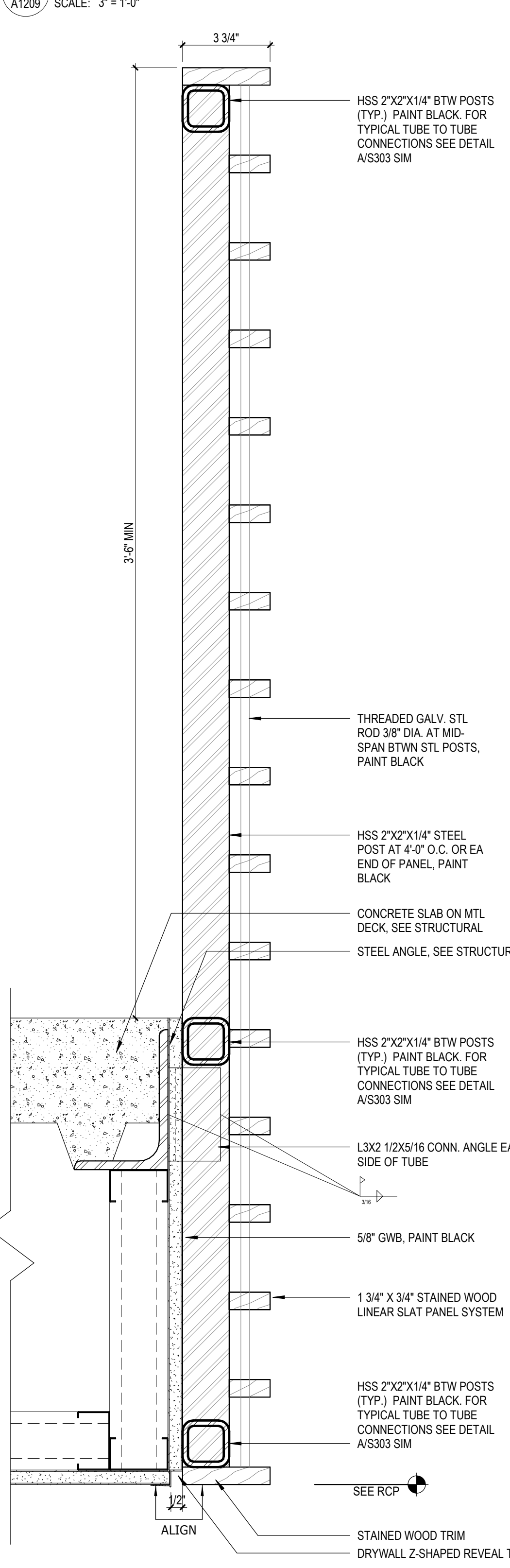
1 INTERIOR WALL SECTION - THEATER SIDE WALL  
A1209 SCALE: 1/2" = 1'-0"



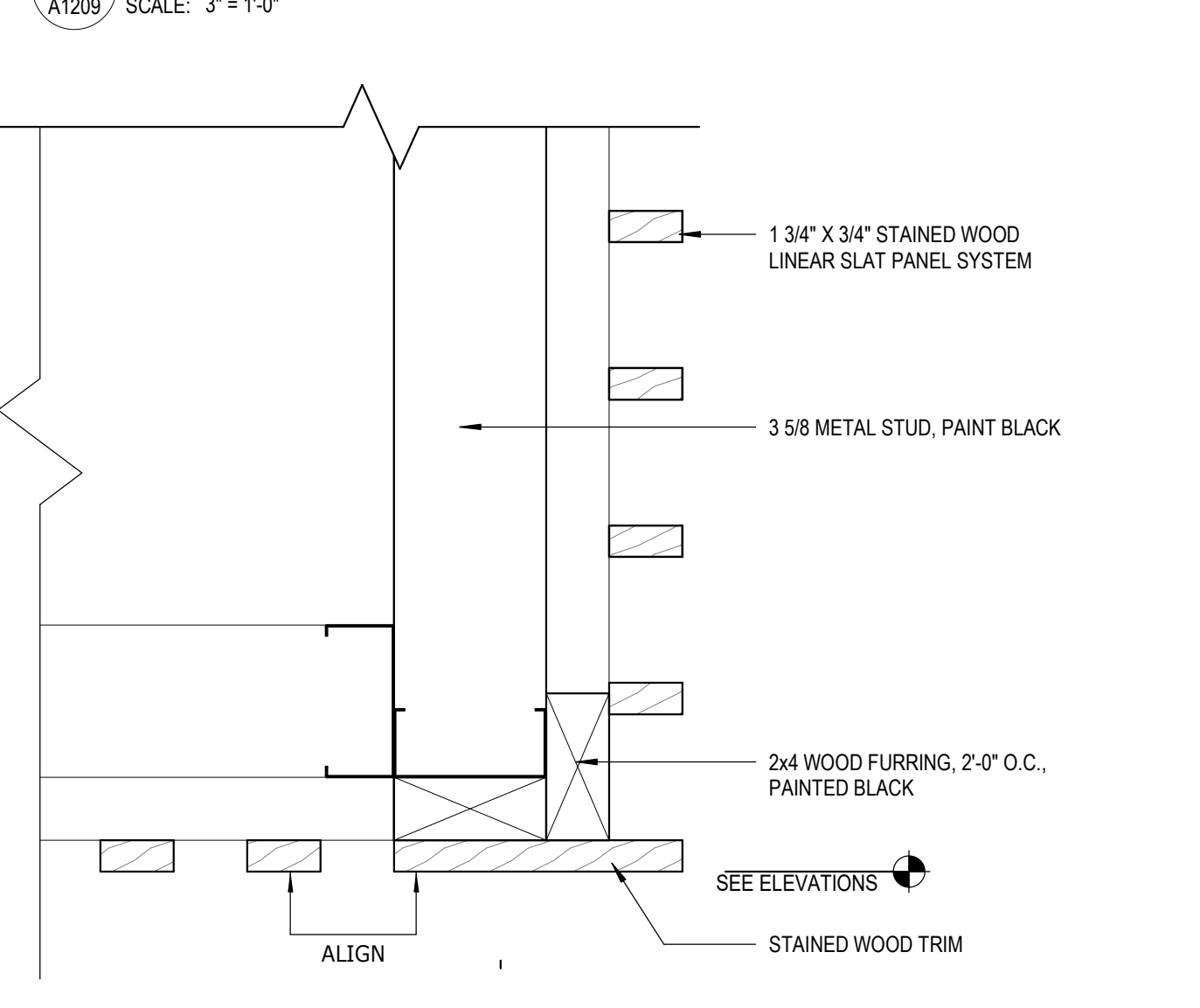
4 ACOUSTIC WOOD PANEL SYSTEM @ JAMB - SOLID CORE  
A1209 SCALE: 3" = 1'-0"



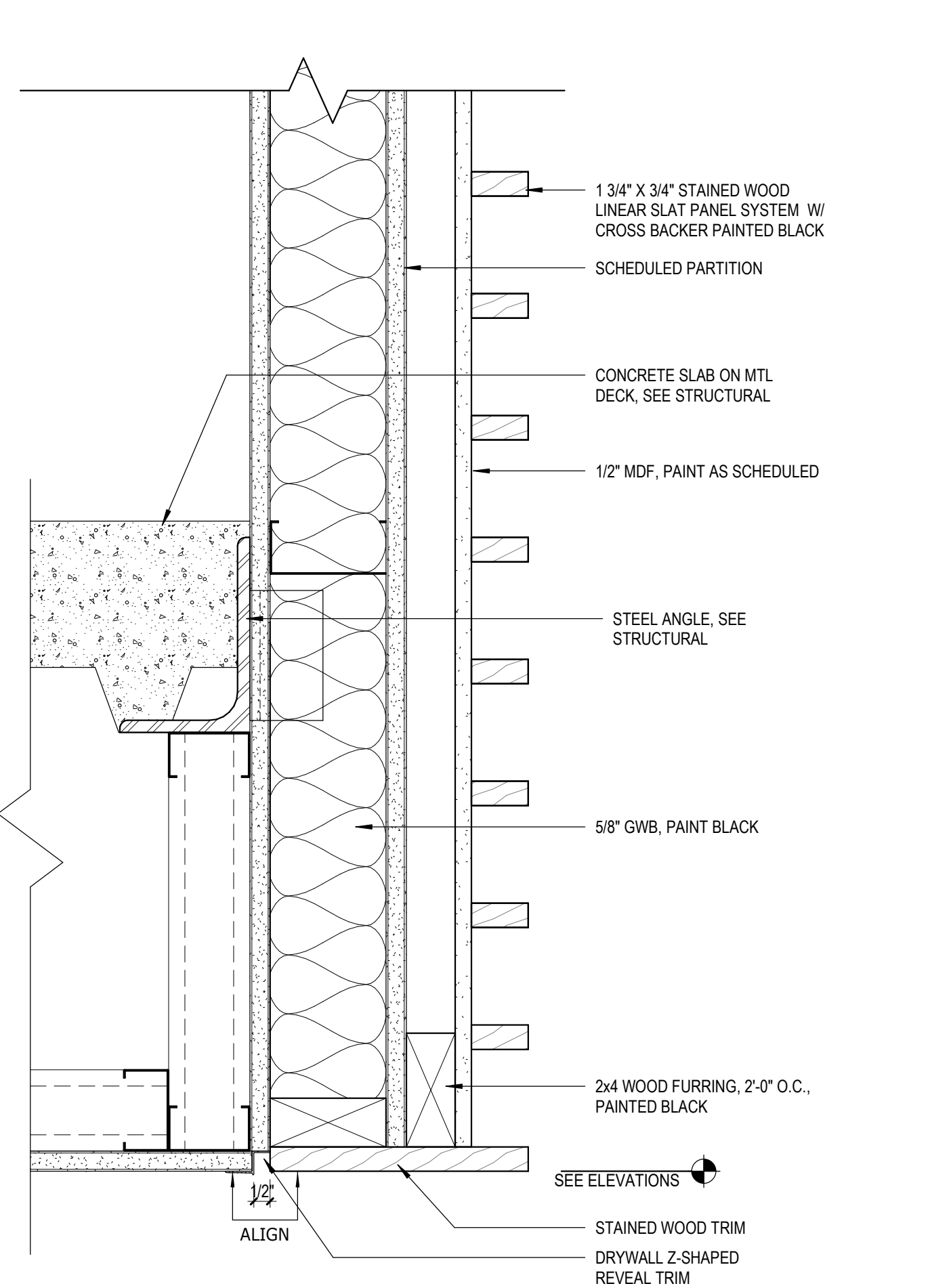
3 ACOUSTIC WOOD PANEL SYSTEM @ JAMB - FABRIC PANEL  
A1209 SCALE: 3" = 1'-0"



7 SECTION AT WOOD SLAT GUARDRAIL  
A1209 SCALE: 3" = 1'-0"

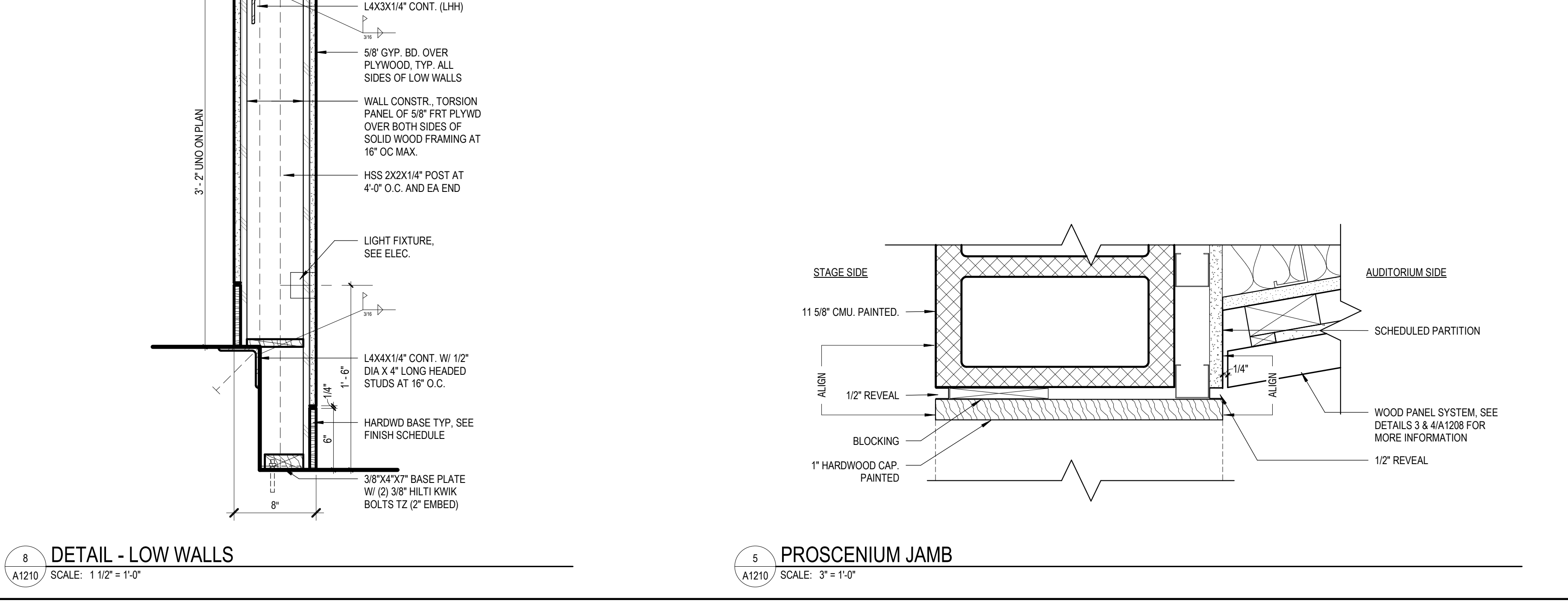
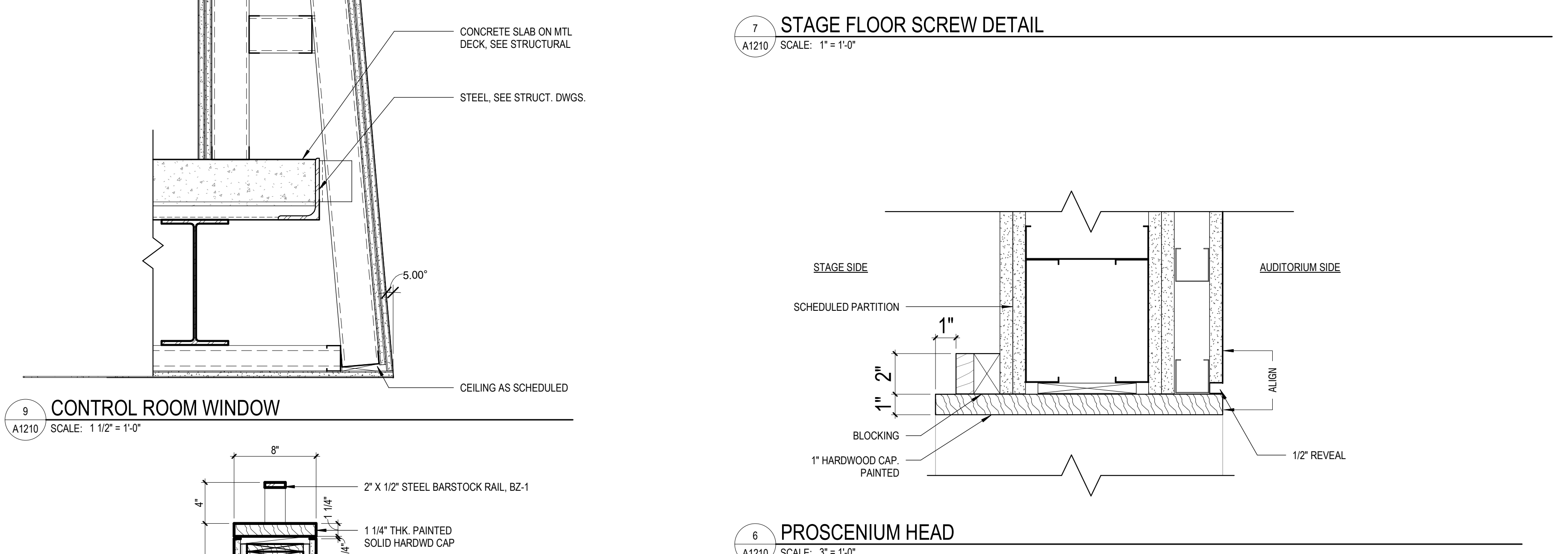
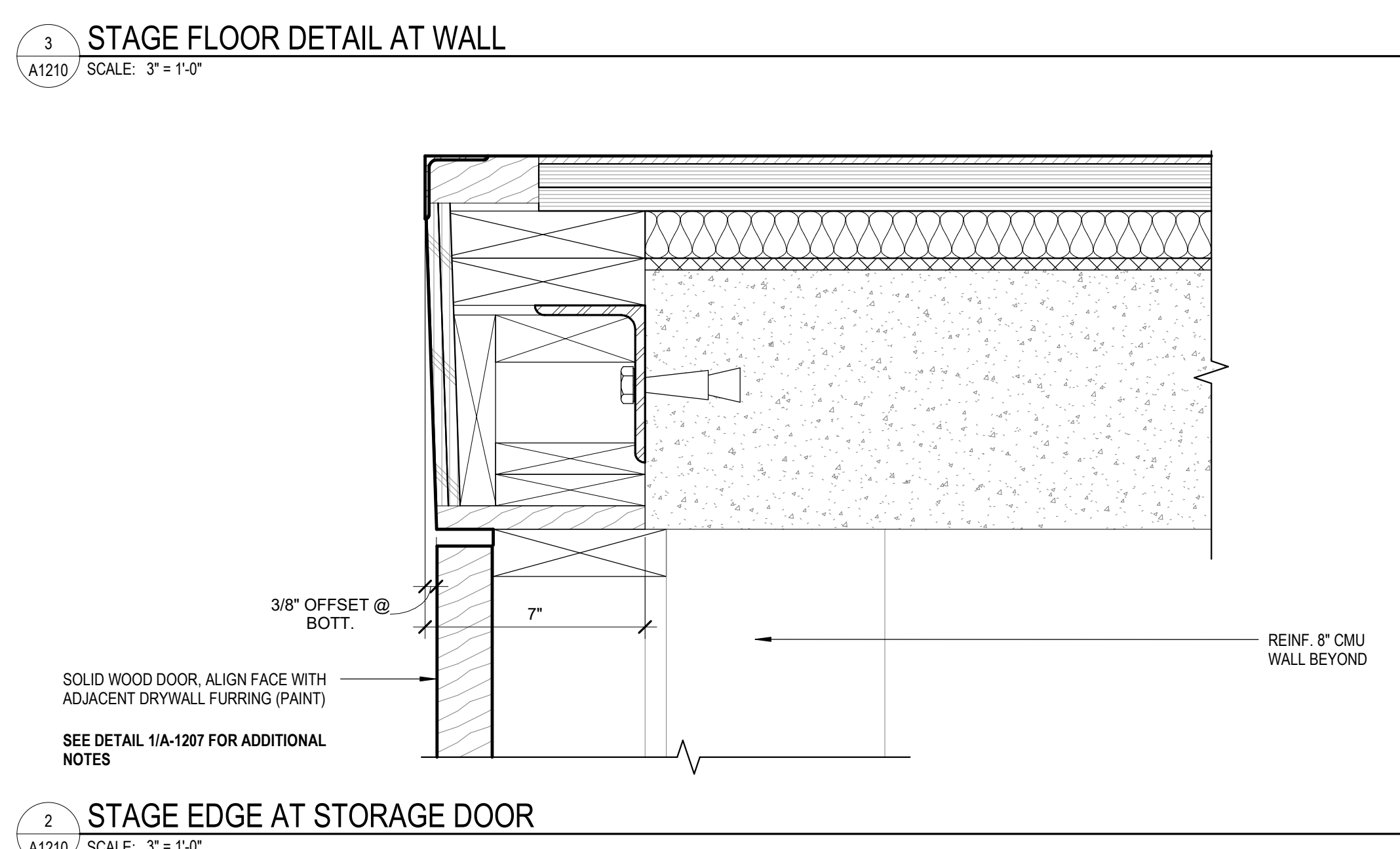
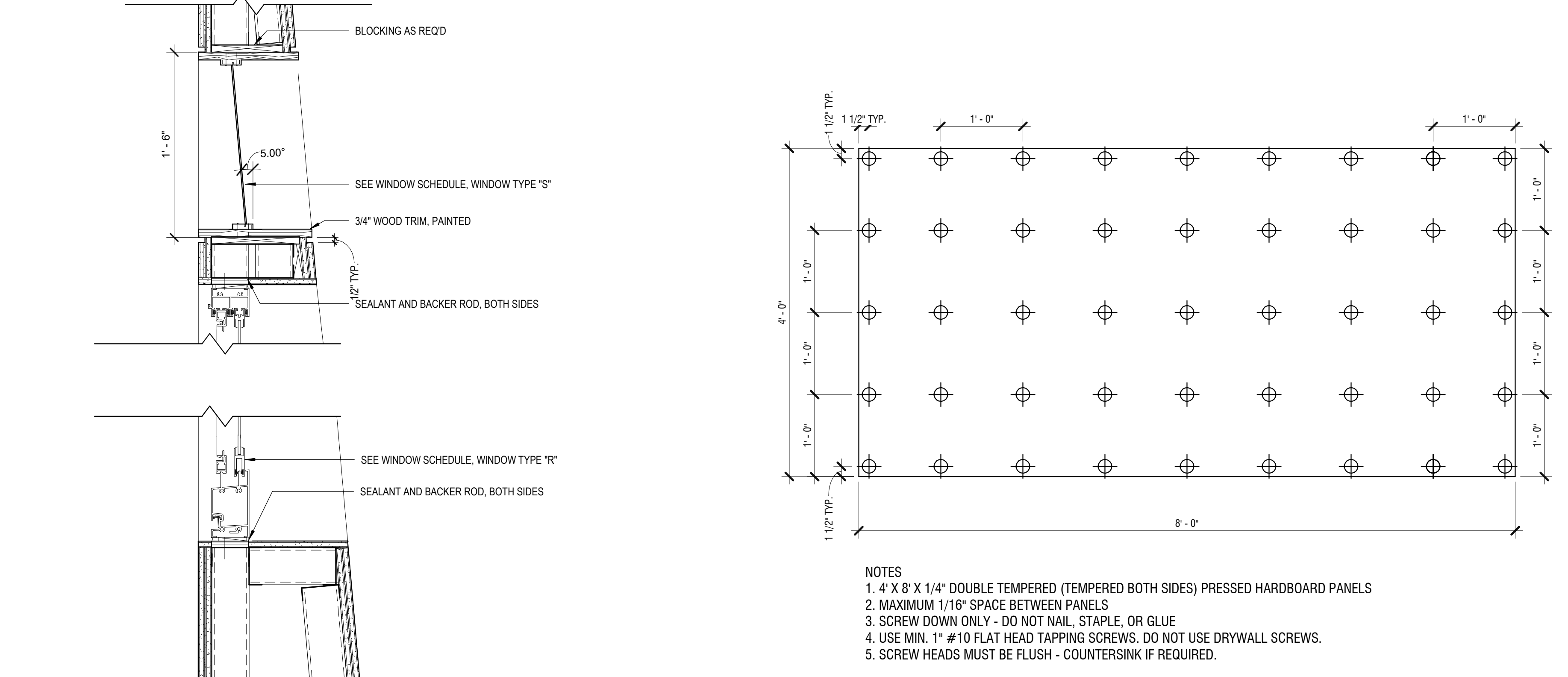
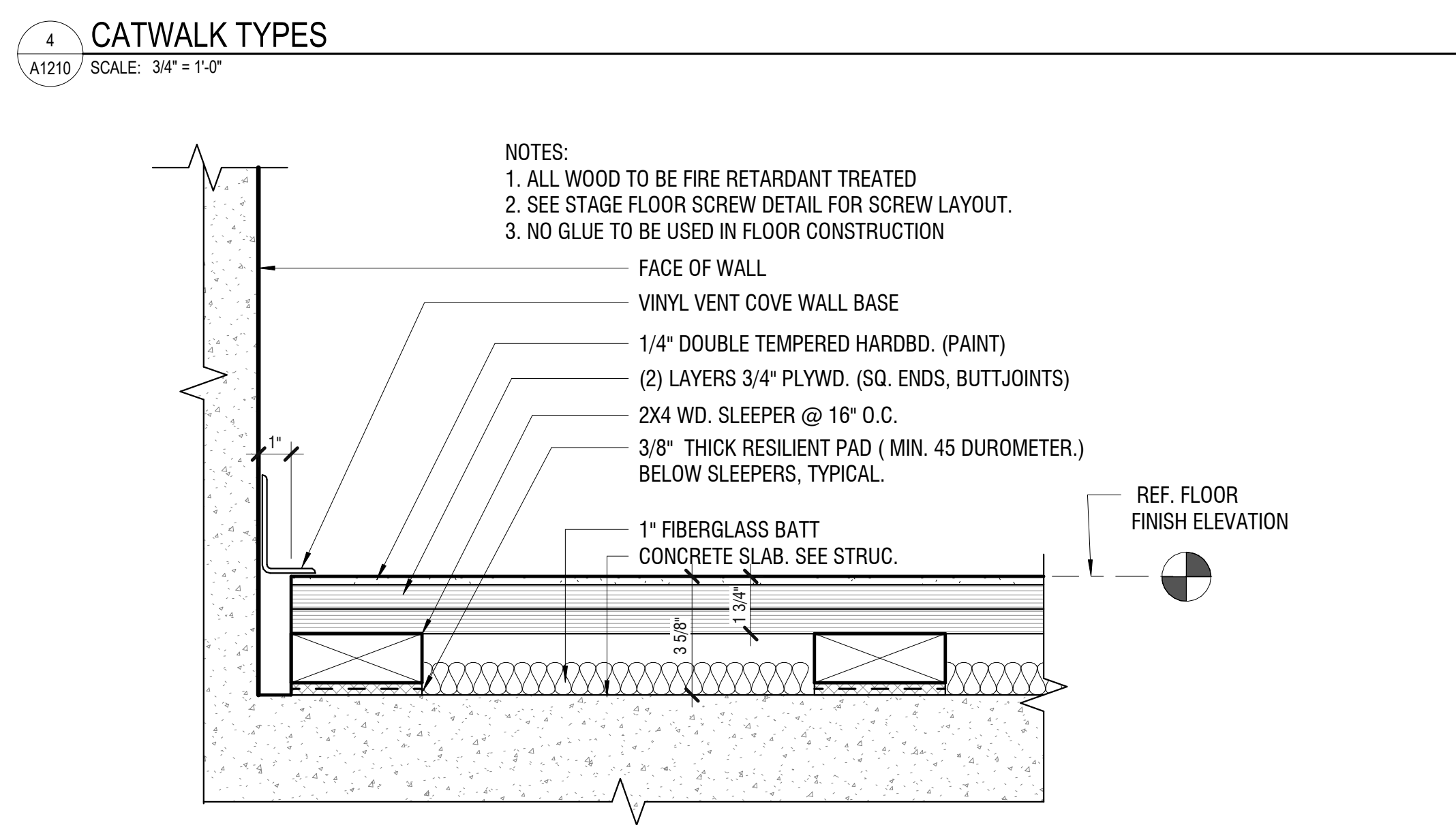
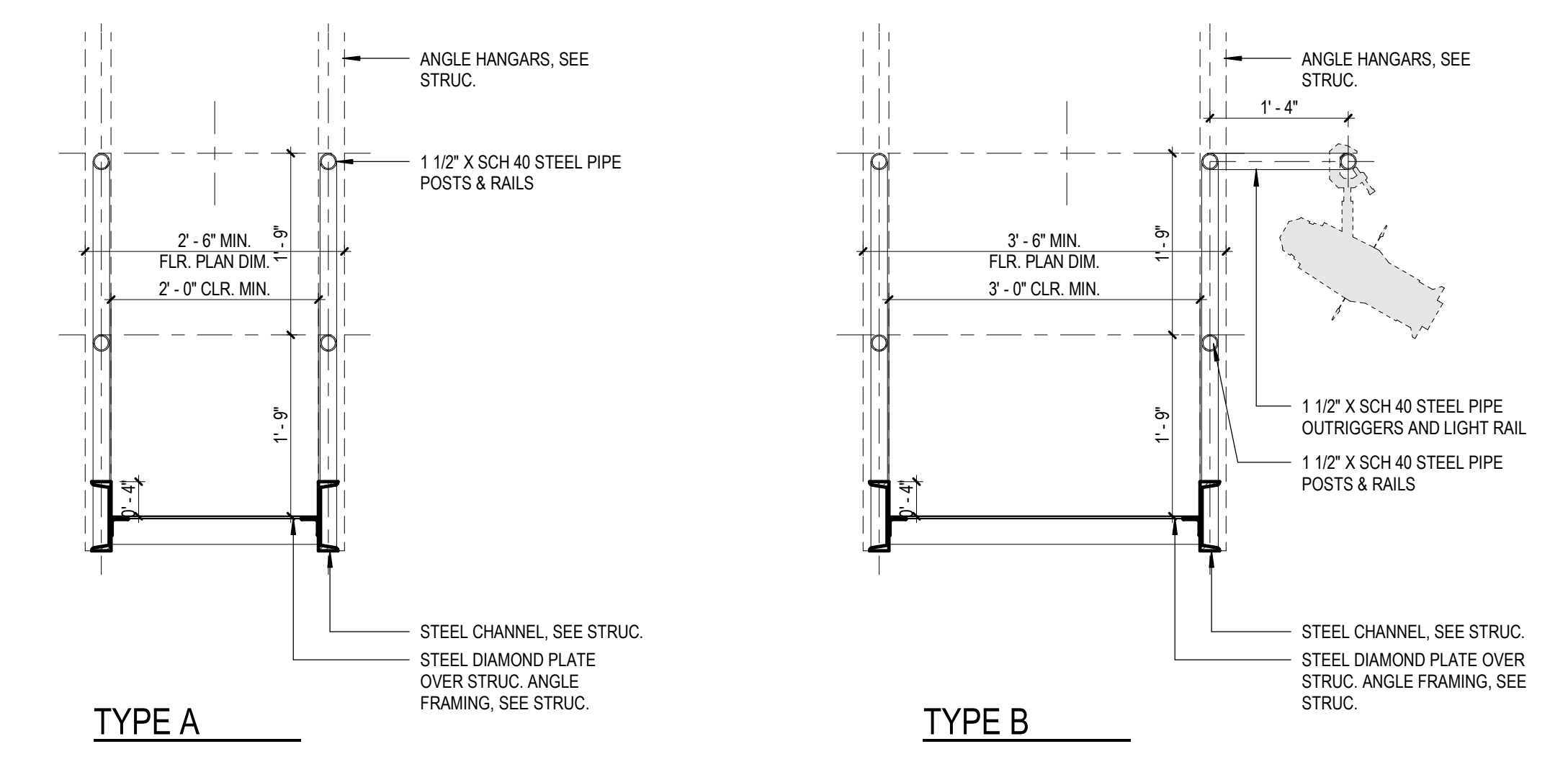
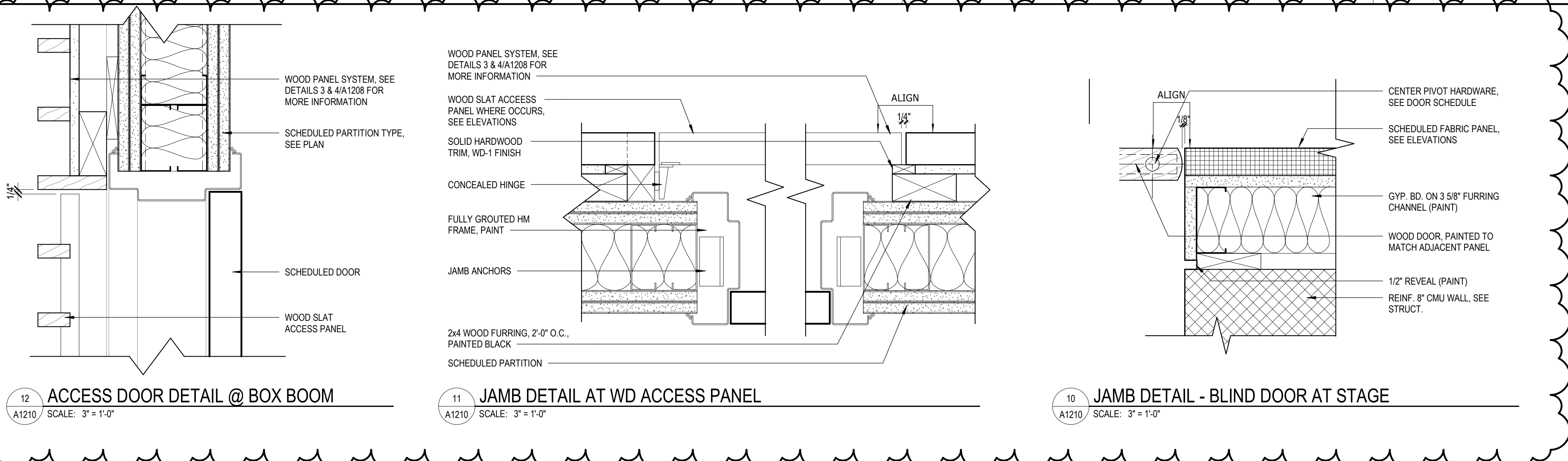


9 SECTION AT WOOD SLAT SOFFIT  
A1209 SCALE: 3" = 1'-0"



8 SECTION AT WOOD SLAT AT SIDE SEATING  
A1209 SCALE: 3" = 1'-0"

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**FINISH SCHEDULE - CFCI**

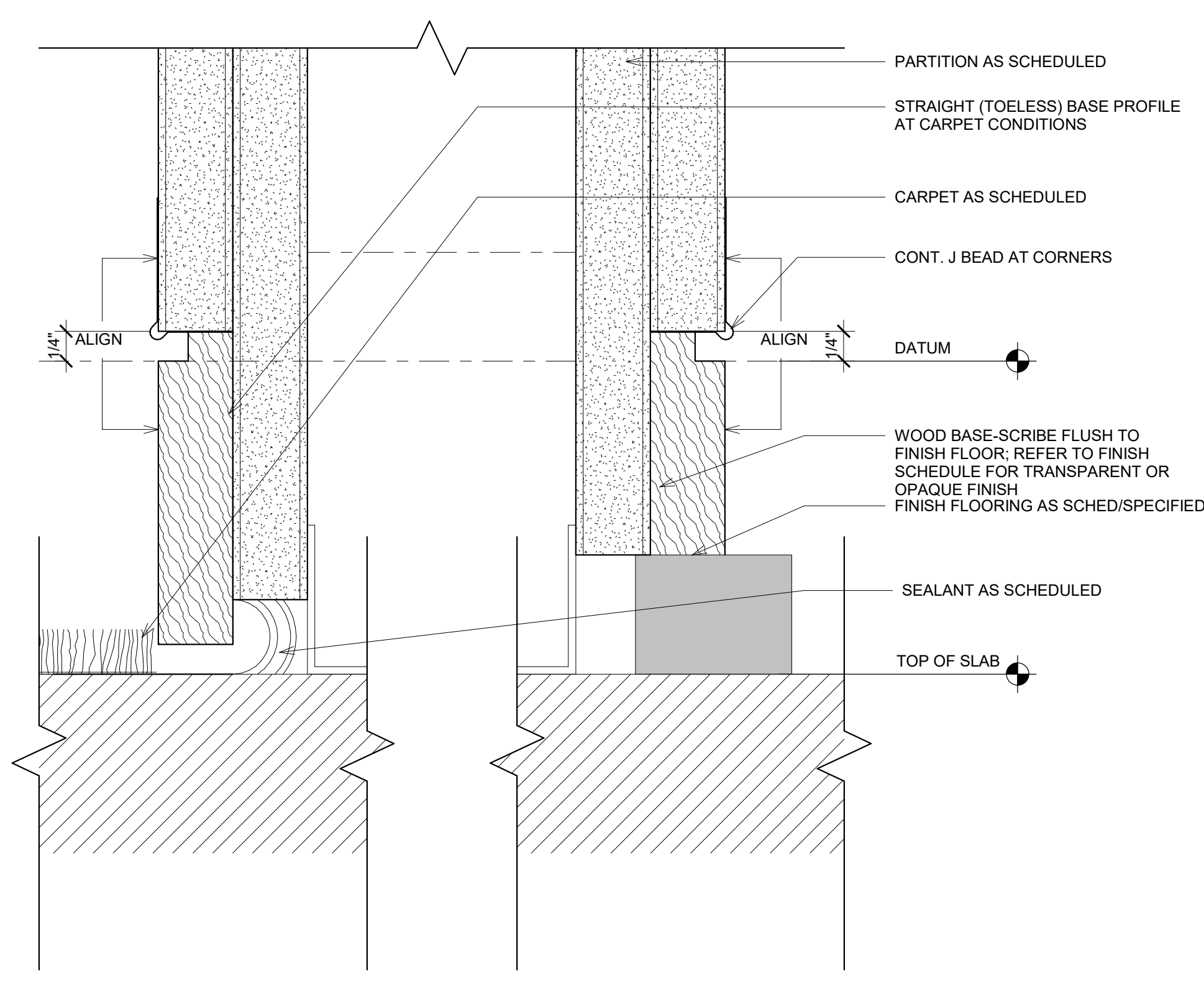
| wt       | Description                                  | Manufacturer      | Product  | Color/Finish  | Size                      | Notes  |
|----------|--|-------------------|--|---|---------------------------|--|
| 03 33 00 | Concrete Finishing                           |                   |  |   |                           |  |
| DC-1     | Acoustical Duct Liner                        |                   |  | Grade 1 - Level 2   |                           | Ground & Polished, Clear Sealer, Premium quality, Low VOC  |
| PC-1     | Polished Concrete                            |                   |  | Grade 1 - Level 2   |                           | Ground & Polished, Clear Sealer, Premium quality, Low VOC  |
| SC-1     | Sealed Concrete                              |                   |  |   |                           | Clear Sealer, Premium quality, Low VOC   |
| 04 72 00 | Cast Stone Masonry                           |                   |  |   |                           |  |
| ST-1     | Dimensional Stone Unit                       | Reading Rock      |  | Savannah Smooth   | 3 5/8" X 7 5/8" X 23 5/8" |  |
| ST-2     | Dimensional Stone Unit                       | Reading Rock      |  | Savannah Smooth   | 1 1/4" X 7 5/8" X 23 5/8" |  |
| 05 75 00 | Decorative Formed Metals                     |                   |  |   |                           |  |
| BZ-1     | Dark Oxidized Satin Bronze                   |                   |  | 10BE  |                           |  |
| 06 41 16 | Plastic Laminate Clad Architectural Cabinets |                   |  |   |                           |  |
| PL-1     | Plastic Laminate                             | Wilsonart         | Mushroom   | 5013K-19  |                           | Base Cabinets  |
| PL-2     | Plastic Laminate                             | Wilsonart         | Vapor Strandz  | 4939K-18  |                           | Upper Cabinets   |
| PL-3     | Plastic Laminate                             | Wilsonart         | Natural Recon  | 7996-38   |                           |  |
| PL-4     | Plastic Laminate                             | Wilsonart         | Shadow D96   | Matte finish D96-60   |                           |  |
| 06 42 00 | Wood Paneling                                |                   |  |   |                           |  |
| WD-1     | Wood Veneer/Finish                           |                   | White Oak - Quarter Sawn   | Clear Stain   |                           |  |
| WD-2     | Wood Stair Panel                             |                   | White Oak - Quarter Sawn   | Clear Stain   |                           |  |
| 06 46 00 | Wood Trim                                    |                   |  |   |                           |  |
| WB-01    | Painted Wood Base, flush                     |                   | Paint to match adjacent wall.  | Primer Finish   |                           |  |
| WB-02    | Stained Wood Base                            |                   | Match WD-1. Height varies, see elevations  | Stained to match WD-1   |                           |  |
| 08 80 00 | Glazing                                      |                   |  |   |                           |  |
| GL-7     | Clear Laminated Low Iron Glass               |                   |  |   | 1/2" typ.                 |  |
| 09 23 00 | Acoustical Gypsum Plaster                    |                   |  |   |                           |  |
| GWB-2    | Acoustical Gypsum Plaster                    | Pyrok             | StarSilent   | White   |                           | Per Specification  |
| 09 30 00 | Tiling                                       |                   |  |   |                           |  |
| MT-1     | Metal Trim Bathrooms                         | Schluter          | RENO-U   | EB Stainless Steel  | Height As Required        | Carpet and Tile transition to SC-1/PC-1  |
| TB-1     | Bullnose Base                                | Crossville        | Basalt   | Mafic   | 6" x 12"                  |  |
| TL-1     | Floor Tile                                   | Crossville        | Basalt   | Mafic   | 12" x 24"                 | Stack Bond Install / Align with Base Tile  |
| TL-2     | Accent Wall Tile                             | Garden State Tile | Noga - Cement Tile   | Katherine - SH005912  | 8" x 8"                   | GRIT Tuff Install  |
| TL-3     | Wall Tile                                    | Nauticus Tile     | Sono   | White   | 4" x 16"                  | Stack Bond install   |
| 09 51 13 | Acoustic Ceiling Tile                        |                   |  |   |                           |  |
| APC-1    | Standard Ceiling Panel                       | Rockfon           | Tropic   | White   | 24" x 24"                 |  |
| APC-2    | Acoustic Ceiling Panel                       | Armstrong         | Ultima   | White   | 12" x 48"                 |  |
| APC-3    | Acoustic Ceiling Panel                       | Rockfon           | Sonar  | White   | 24" x 60"                 |  |
| APC-4    | Black Acoustic Ceiling Panel                 | Rockfon           | Industrial   | Black   | 24" x 24"                 |  |
| APC-5    | Vinyl Coated Acoustic Ceiling Panel          | Rockfon           | Hygienic Plus  | White   | 24" x 24"                 |  |
| 09 64 00 | Wood Flooring                                |                   |  |   |                           |  |
| WF-01    | Wood Flooring                                | Junkers           | 2 Strip Parquet over (1) layer 3/4" plywood on 2x4 wd sleepers at 16" o.c. on 3/8" neoprene pads                       | Oak - Classic - Clear Finish  | 7/8" x 5" Strip           |  |
| WF-02    | Stage Wood Flooring                          |                   | 1/4" Double tempered hardboard over (2) layers 3/4" plywood on 2x4 wd sleepers at 16" o.c. on 3/8" thick resilient pad | Painted   | 3 5/8" blk.               |  |
| 09 65 00 | Resilient Flooring                           |                   |  |   |                           |  |
| RB-1     | Resilient Base                               | Johnsonte         | Vinyl Base   | Color varies - Match wall finish. To be selected from Manufacturer's standard color                     | 4"                        |  |
| RF-1     | Resilient Flooring                           | Shaw Contract     | Pigment 0503V  | Stone 65115   | 7" x 48"                  |  |
| RF-2     | Static Dissipative Resilient Flooring        | Armstrong         | Static Dissipative Tile  | Armor Grey  | 12" x 12"                 | Copper Grounding required  |
| RS-1     | Resilient Reducer                            | Johnsonte         | SSR-20-B   | 32 - Pebble   | 1 5/8"                    | Theater CPT Edge to Concrete   |
| RS-1     | Resilient Stair Nosing                       | Johnsonte         | SLN-40-A   | 40 - Black  |                           |  |
| 09 68 00 | Carpet                                       |                   |  |   |                           |  |
| CPT-1    | Carpet Tile                                  | Paloalto          | Run - IQ486  | Axial - 00100   | 12" x 48"                 |  |
| CPT-2    | Carpet Broadloom                             | Paloalto          | Intercept - IQ486  | Axial - 00100   | 12' Roll                  |  |
| 09 77 23 | Fabric-Wrapped Panels                        |                   |  |   |                           |  |
| FP-1     | Fabric Wrapped Panel                         | Knoell Textiles   | Crossroads K2065   | Almond 22   | 54" Roll                  | Coordinate with Acoustical Panel Specification   |
| FP-2     | Fabric Wrapped Panel                         | Knoell Textiles   | Crossroads K2065   | Cinnamon 16   | 54" Roll                  | Coordinate with Acoustical Panel Specification   |
| FP-3     | Fabric Wrapped Panel                         | Knoell Textiles   | Crossroads K2065   | Lime 7  | 54" Roll                  | Coordinate with Acoustical Panel Specification   |
| FP-4     | Fabric Wrapped Panel                         | Gulford of Maine  | Intuition 4856   | Honey 1716  | 54" Roll                  | Coordinate with Acoustical Panel Specification   |
| FP-5     | Fabric Wrapped Panel                         | Knoell Textiles   | Hourglass K1523  | Alley 27  | 56" Roll                  | Coordinate with Acoustical Panel Specification   |
| FP-6     | Fabric Wrapped Panel                         | Knoell Textiles   | Infinite K2263   | Natural   | 54" Roll                  |  |
| FP-7     | Fabric Wrapped Panel                         | Knoell Textiles   | Infinite K2263   | Acorn 20  | 54" Roll                  | Coordinate with Acoustical Panel Specification   |
| 09 90 00 | Painting                                     |                   |  |   |                           |  |
| PT-1     | Wall / Ceiling Paint                         | Sherwin Williams  | Low VOC, Premium Paint   | Greek Villa SW7551; Satin Finish  |                           |  |
| PT-2     | Wall / Ceiling Paint                         | Sherwin Williams  | Low VOC, Premium Paint   | Functional Gray SW7024; Wall - Satin Finish (typ), Semi-gloss Finish (Restrooms), Ceiling - Flat Finish |                           |  |
| PT-3     | Wall / Ceiling Paint                         | Sherwin Williams  | Low VOC, Premium Paint   | Backdrop SW7025; Wall - Satin Finish, Ceiling - Flat Finish   |                           |  |
| PT-4     | Wall Paint                                   | Sherwin Williams  | Low VOC, Premium Paint   | Cucuzza Verde SW9038; Satin Finish  |                           |  |
| PT-5     | Wall Paint                                   | Sherwin Williams  | Low VOC, Premium Paint   | Bolens SW7603; Satin Finish   |                           |  |
| PT-6     | Wall Paint                                   | Sherwin Williams  | Low VOC, Premium Paint   | Sticks & Stones SW7593; Satin Finish  |                           | Multipurpose Room Fabric Panel Color-match   |
| PT-7     | Wall / Ceiling Paint                         | Sherwin Williams  | Low VOC, Premium Paint   | Tricorn Black SW6258; Flat Finish   |                           | Black Paint at Sound Locks, Crossover, Audience Chamber, Stage and where indicated on elevations |
| PT-8     | Wall Paint                                   | Sherwin Williams  | Low VOC, Premium Paint   | Empire Gold SW0012; Satin Finish  |                           | Wood-colored Paint   |
| 10 26 00 | Wall Protection                              |                   |  |   |                           |  |
| CG-1     | Corner Guards                                | InPro             | 3/4" Tape on Corner Guard  | Feather 0238  |                           | Greek Villa SW7551; Alternates: Koroguard and CS Acroyn  |
| CG-2     | Corner Guards                                | InPro             | 3/4" Tape on Corner Guard  | Pepperdust 0119   |                           | Functional Gray SW 7024; Alternates: Koroguard and CS Acroyn                                     |
| CG-3     | Corner Guards                                | InPro             | 1-1/2" Stainless Steel Corner Guard  |   | 4"H                       | BCH  |
| FRP-01   | Fiberglass Reinforced Panels                 | InPro             | Palladium Wall Sheet Protection  | White   | 4"H                       | Ceiling Kitchen  |
| 12 36 16 | Metal Countertops                            |                   |  |   |                           |  |
| STL-1    | Stainless Steel Countertop                   |                   | Stainless Steel  |   |                           | Integral Backsplash to Underside of Cabinet  |
| 12 36 61 | Quartz Surfacing                             |                   |  |   |                           |  |
| QZ-1     | Quartz Surfacing                             | Wilsonart         | Quartz   | Lyra Q2001  | 3cm                       | Counters FOH   |
| 12 36 61 | Solid Surfacing                              |                   |  |   |                           |  |
| SS-1     | Solid Surface                                | Wilsonart         | Solid Surface  | White Stone 9208 CS   |                           | Countertops BCH  |

08 80 00 Glazing  
GL-7  
Clear Laminated Low Iron Glass  
1/2" typ.

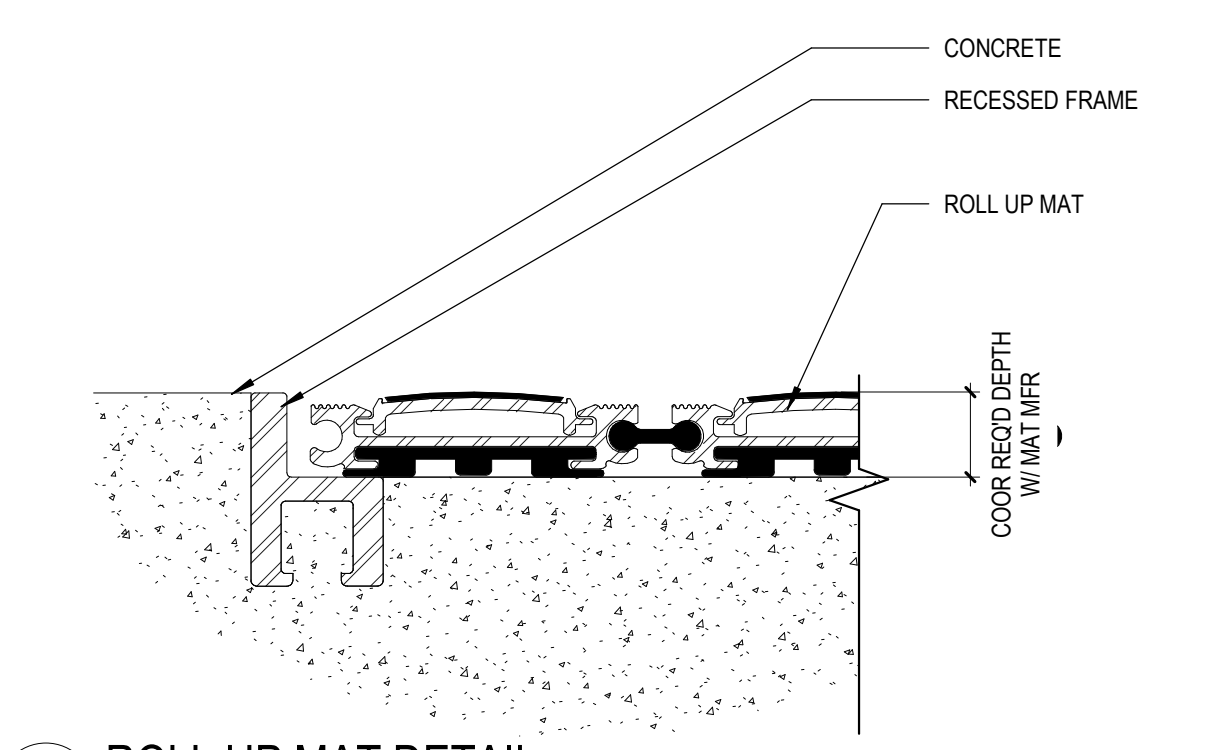
**LEGEND NOTES**

**General Notes - Interior Finish Plan**

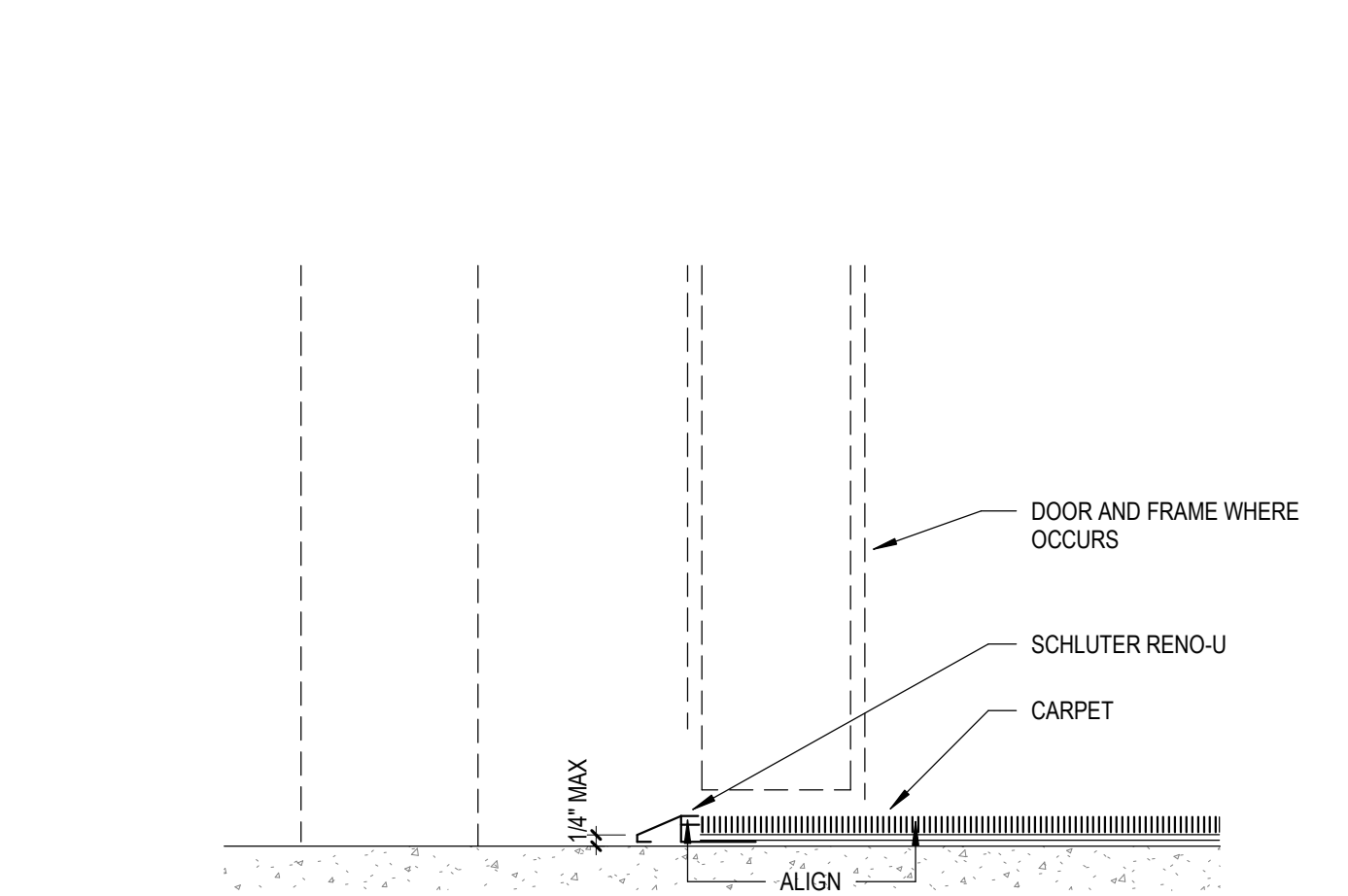
- A. INTERIOR FINISH PLAN GENERAL NOTES APPLY TO ALL INTERIOR FINISH PLAN SHEETS.
- B. FLOOR PATTERN DIMENSIONS AND LOCATIONS ARE APPROXIMATE. MINOR ADJUSTMENTS MAY BE MADE FOR LAYOUT AND TO MINIMIZE WASTE AS LONG AS THE DESIGN INTENT IS MAINTAINED.
- C. FOR FLOOR TILE PRODUCTS, ADJUST LAYOUT AS NECESSARY TO AVOID USING CUT WIDTHS THAT EQUAL LESS THAN ONE-HALF OF A TILE AT ROOM PERIMETER.
- D. WALL FINISHES NOT LABELED ON FINISH PLAN WILL BE: WALLS: PT-1 PAINT; BASE: RB-1 RESILIENT BASE; FLOOR FINISH: SC-1 SEALED CONCRETE. ALL GWB CEILINGS AND SOFFITS: PT-1 FLAT U.I.O. ON INTERIOR ELEVATIONS, RCP OR AS IDENTIFIED ON WALL SECTIONS.
- E. PAINT ALL FREESTANDING COLUMNS, DOORS, ACCESS DOORS, WINDOWS, TRIMS AND DOOR FRAMES WITHIN THE ROOM, EXCEPT PREFINISHED ITEMS.
- F. ALL GLOSET INTERIORS SHALL BE PAINTED PT-1.
- G. DOORS AND DOOR FRAMES TO RECEIVE SEMI-GLOSS FINISH.



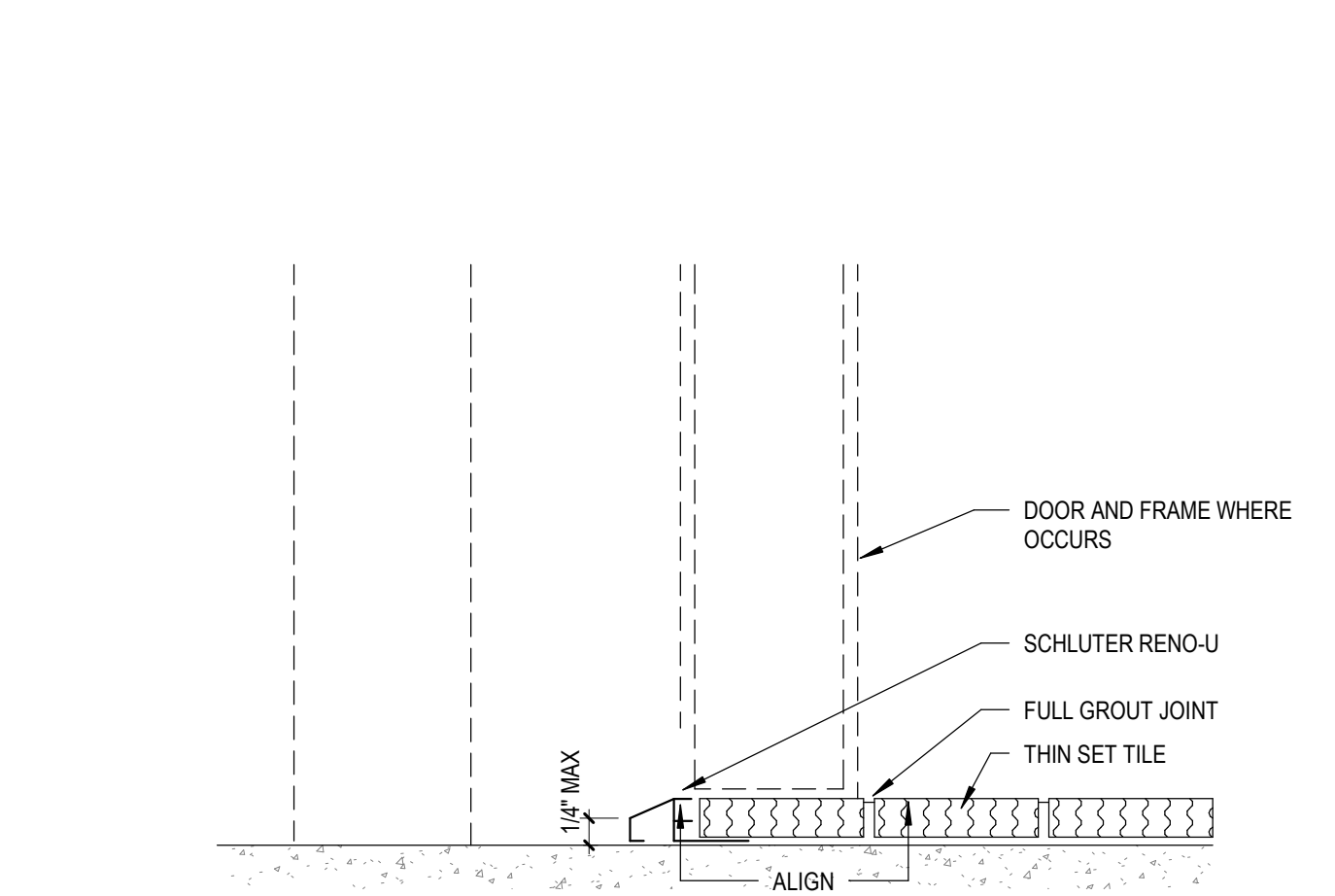
**1 BASE - WOOD-FLUSH**  
SCALE: 12" = 1'-0"



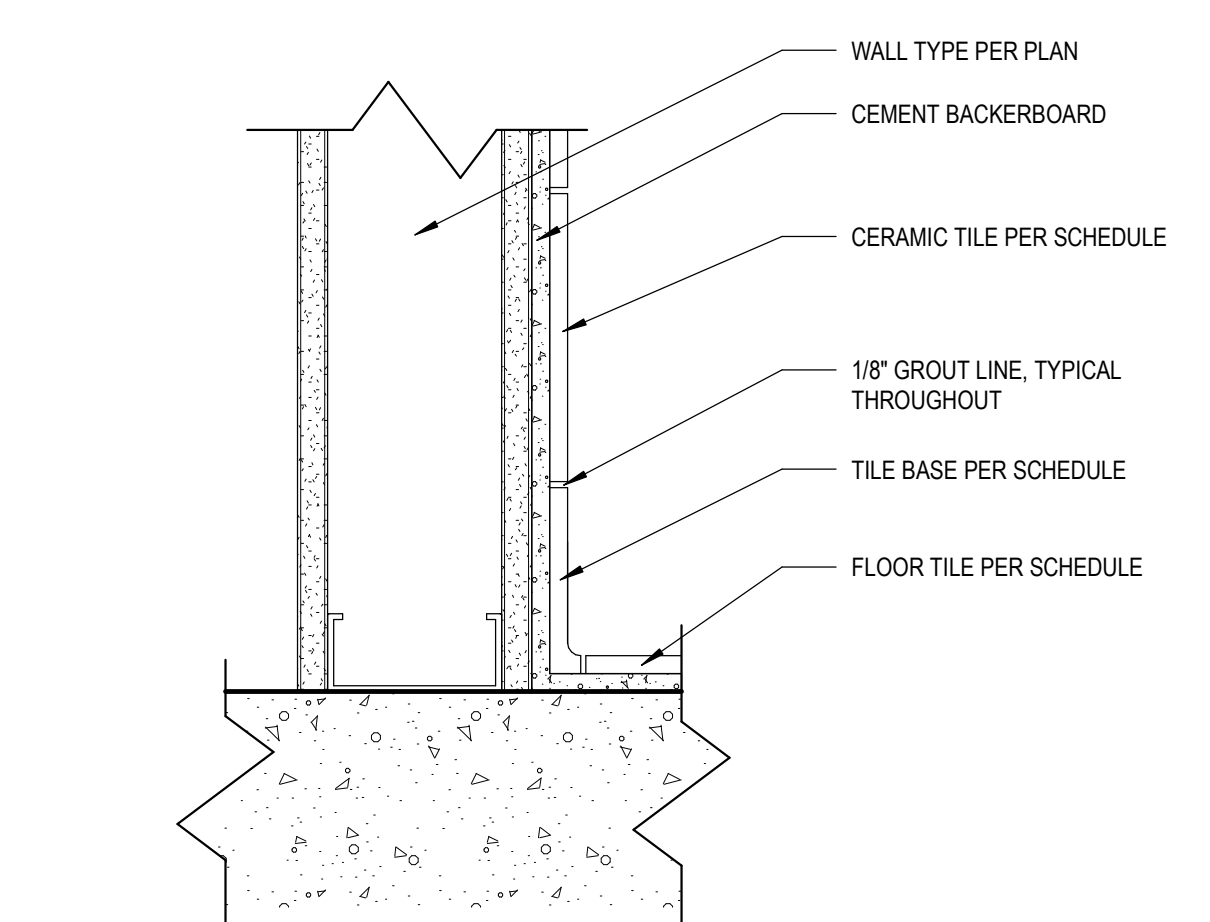
**2 ROLL UP MAT DETAIL**  
SCALE: 12" = 1'-0"



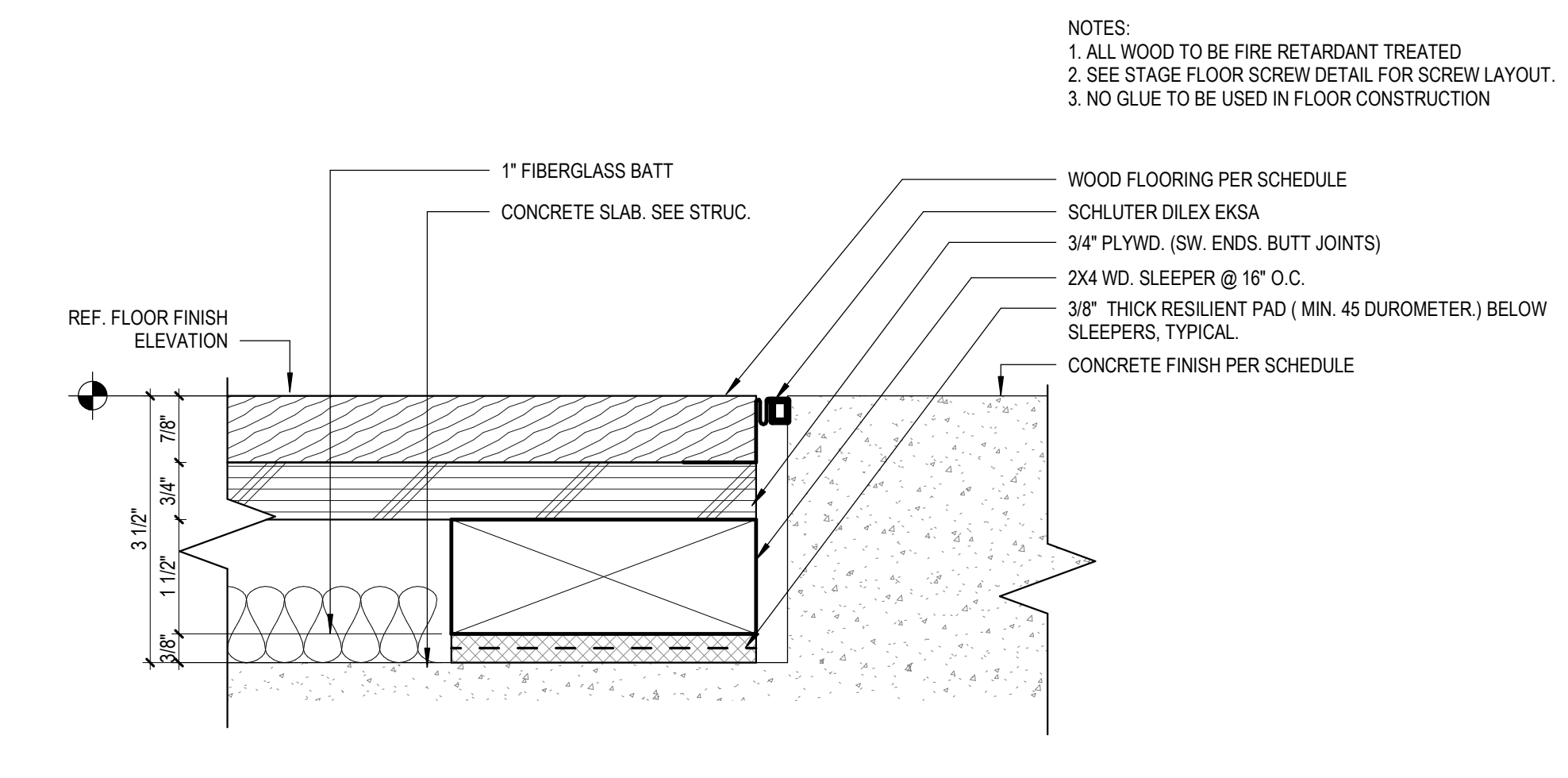
**31 CONCRETE TO CARPET**  
SCALE: 6" = 1'-0"



**32 CONCRETE TO TILE**  
SCALE: 6" = 1'-0"



**41 TYP CERAMIC TILE BASE**  
SCALE: 3" = 1'-0"



**42 CONCRETE TO WOOD RECESSED**  
SCALE: 6" = 1'-0"

- NOTES:  
1. ALL WOOD TO BE FIRE RETARDANT TREATED.  
2. SEE STAGE FLOOR SCREW DETAIL FOR SCREW LAYOUT.  
3. NO GLUE TO BE USED IN FLOOR CONSTRUCTION.

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FOR REFERENCE ONLY. CONTRACTOR IS RESPONSIBLE TO REFER TO PROJECT MANUAL AND ALL APPENDICES FOR FULL PRODUCT SPECIFICATION AND INSTALLATION INFORMATION

NOT FOR CONSTRUCTION

GARRETT COLLEGE CEPAC

887 MOSSER ROAD,  
MCHEENY, MD 21541

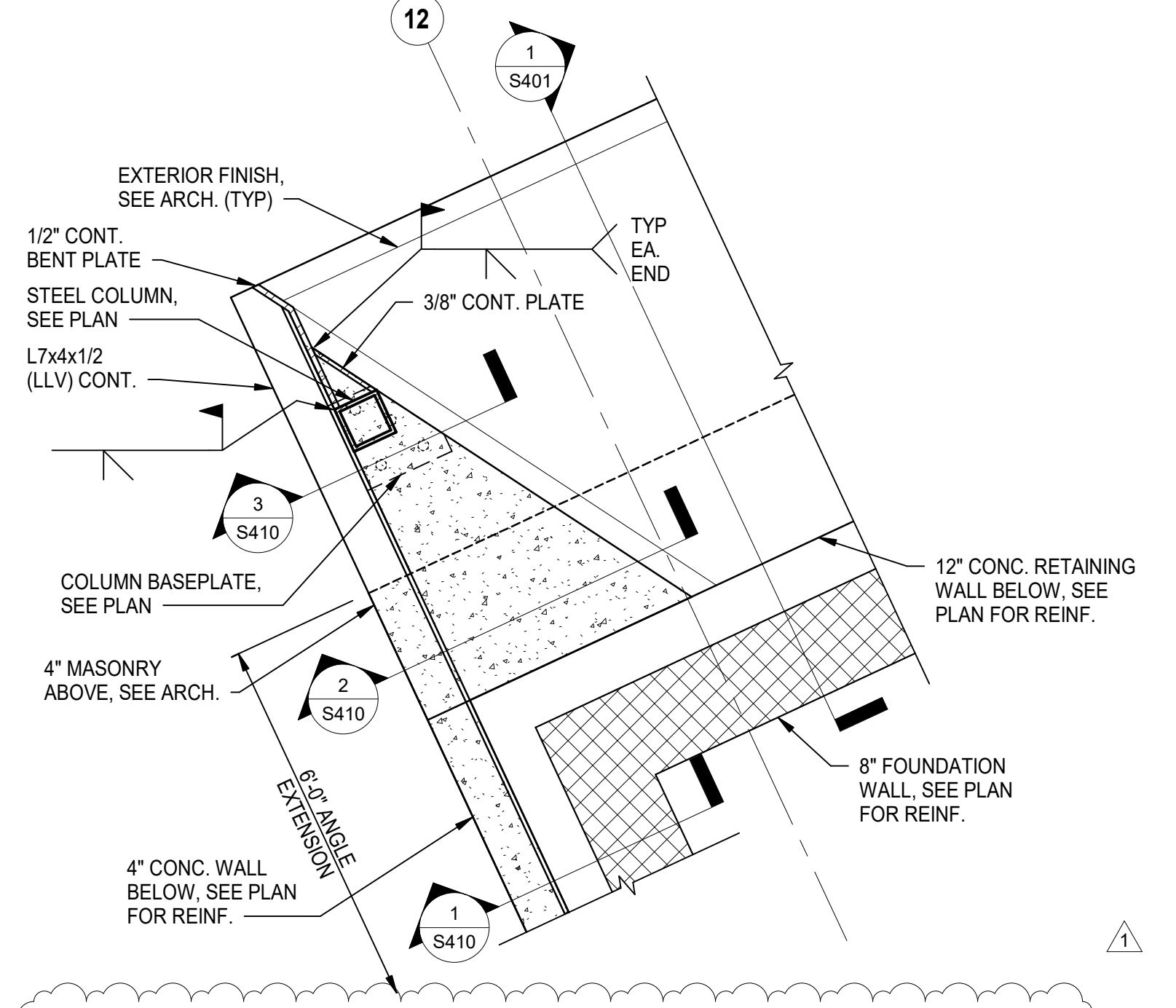
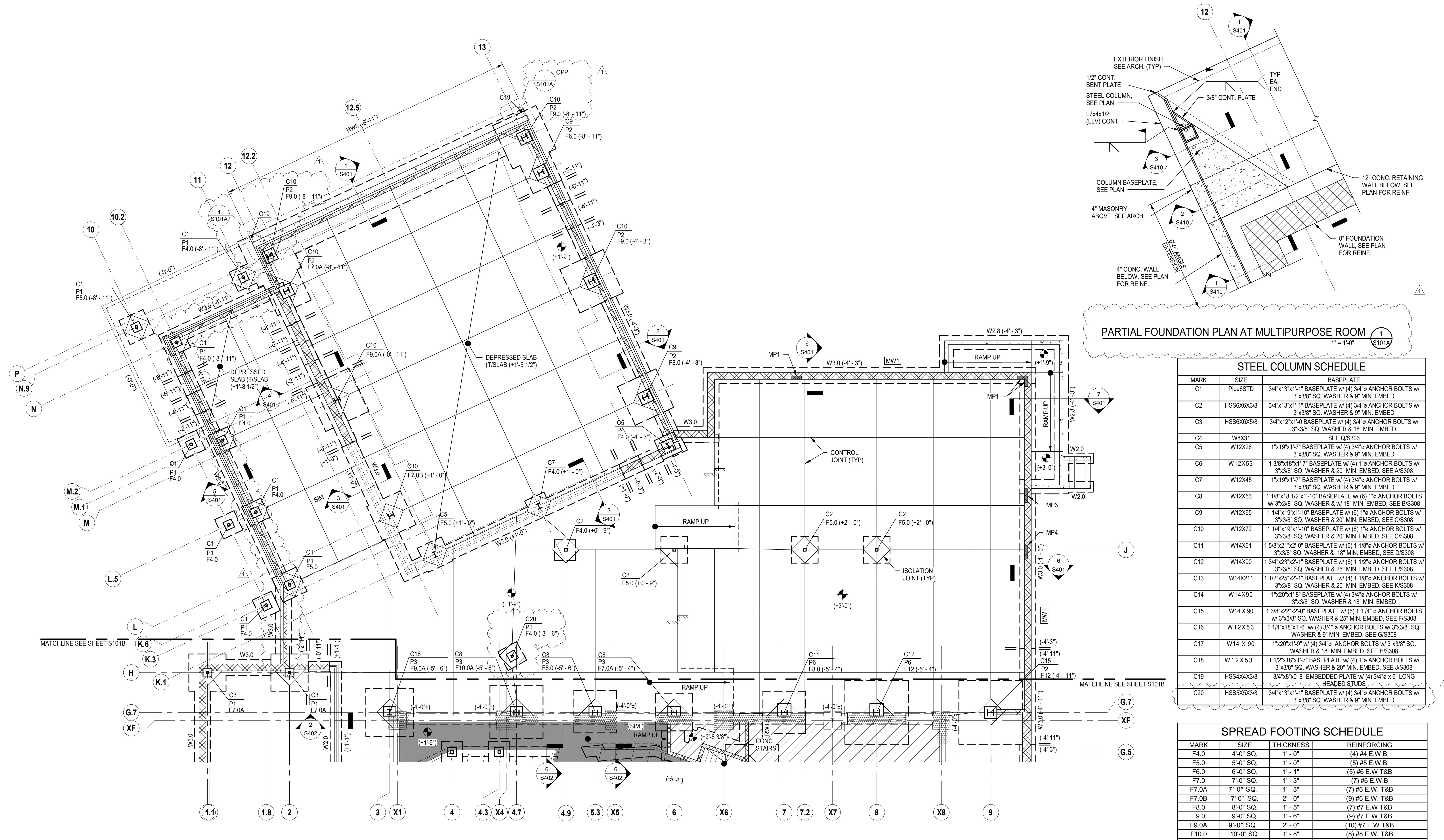
ISSUED FOR BID AND PERMIT

Issue Date: 11/15/2019  
Revisions:  
1 ADDENDUM 01 12/11/2019

56-18107-00

PARTIAL FOUNDATION / FIRST FLOOR FRAMING PLAN

S101A



PARTIAL FOUNDATION PLAN AT MULTIPURPOSE ROOM  
1" = 1'-0"

| STEEL COLUMN SCHEDULE |            |  |             |
|-----------------------|------------|--|-------------|
| MARK                  | SIZE       | BASEPLATE  | REINFORCING |
| C1                    | Pipe6STD   | 3/4"x13"x1'-1" BASEPLATE w/ (4) 3/4" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 9" MIN. EMBED                    |             |
| C2                    | HSS6X6X3/8 | 3/4"x13"x1'-1" BASEPLATE w/ (4) 3/4" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 9" MIN. EMBED                    |             |
| C3                    | HSS6X6X5/8 | 3/4"x12"x1'-0" BASEPLATE w/ (4) 3/4" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 18" MIN. EMBED                   |             |
| C4                    | W18X31     | SEE Q15303   |             |
| C5                    | W12X26     | 1"x19"x1'-7" BASEPLATE w/ (4) 3/4" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 9" MIN. EMBED                      |             |
| C6                    | W12X53     | 1'3/8"x18"x1'-7" BASEPLATE w/ (4) 1" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 20" MIN. EMBED. SEE A/S308       |             |
| C7                    | W12X45     | 1"x19"x1'-7" BASEPLATE w/ (4) 3/4" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 9" MIN. EMBED                      |             |
| C8                    | W12X53     | 1'1/8"x18" 1/2"x1'-10" BASEPLATE w/ (6) 1" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 18" MIN. EMBED. SEE B/S308 |             |
| C9                    | W12X65     | 1'1/4"x19"x1'-10" BASEPLATE w/ (6) 1" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 20" MIN. EMBED. SEE C/S308      |             |
| C10                   | W12X72     | 1'1/4"x19"x1'-10" BASEPLATE w/ (6) 1" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 20" MIN. EMBED. SEE C/S308      |             |
| C11                   | W14X61     | 1'5/8"x2'12" BASEPLATE w/ (6) 1" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 18" MIN. EMBED. SEE D/S308           |             |
| C12                   | W14X90     | 1'3/4"x23'2" BASEPLATE w/ (6) 1'1/2" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 25" MIN. EMBED. SEE E/S308       |             |
| C13                   | W14X211    | 1'1/2"x25'2" BASEPLATE w/ (4) 1'1/8" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 20" MIN. EMBED. SEE K/S308       |             |
| C14                   | W14X90     | 1'x20"x1'-8" BASEPLATE w/ (4) 3/4" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 18" MIN. EMBED                     |             |
| C15                   | W14 X 90   | 1'3/8"x22'2" BASEPLATE w/ (6) 1'1/4" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 25" MIN. EMBED. SEE F/S308       |             |
| C16                   | W12 X 53   | 1'1/4"x18"x1'-6" w/ (4) 3/4" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 9" MIN. EMBED. SEE G/S308                |             |
| C17                   | W14 X 90   | 1'x20"x1'-9" w/ (4) 3/4" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 18" MIN. EMBED. SEE H/S308                   |             |
| C18                   | W12 X 53   | 1'1/2"x18"x1'-7" BASEPLATE w/ (4) 1" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 18" MIN. EMBED. SEE I/S308       |             |
| C19                   | HSS4X4X3/8 | 3/4"x8"x0'-8" EMBEDDED PLATE w/ (4) 3/4" x 6" LONG HEADED STUDS  |             |
| C20                   | HSS5X5X3/8 | 3/4"x13"x1'-1" BASEPLATE w/ (4) 3/4" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 9" MIN. EMBED                    |             |

| SPREAD FOOTING SCHEDULE |            |           |                 |
|-------------------------|------------|-----------|-----------------|
| MARK                    | SIZE       | THICKNESS | REINFORCING     |
| F4.0                    | 4'-0" SQ.  | 1'-0"     | (4) #4 E.W.B.   |
| F5.0                    | 5'-0" SQ.  | 1'-0"     | (5) #5 E.W.B.   |
| F6.0                    | 6'-0" SQ.  | 1'-1"     | (5) #6 E.W.T&B  |
| F7.0                    | 7'-0" SQ.  | 1'-3"     | (7) #6 E.W.B.   |
| F7.0A                   | 7'-0" SQ.  | 1'-3"     | (7) #6 E.W.T&B  |
| F7.0B                   | 7'-0" SQ.  | 2'-0"     | (9) #6 E.W.T&B  |
| F8.0                    | 8'-0" SQ.  | 1'-5"     | (7) #7 E.W.T&B  |
| F9.0                    | 9'-0" SQ.  | 1'-6"     | (9) #7 E.W.T&B  |
| F9.0A                   | 9'-0" SQ.  | 2'-0"     | (10) #7 E.W.T&B |
| F10.0                   | 10'-0" SQ. | 1'-8"     | (8) #8 E.W.T&B  |
| F10.0A                  | 10'-0" SQ. | 2'-0"     | (10) #8 E.W.T&B |
| F11.0                   | 11'-0" SQ. | 1'-10"    | (9) #8 E.W.T&B  |
| F12                     | 12'-0" SQ. | 2'-0"     | (10) #8 E.W.T&B |

| WALL FOOTING SCHEDULE |             |           |                                     |
|-----------------------|-------------|-----------|-------------------------------------|
| MARK                  | SIZE        | THICKNESS | REINFORCING                         |
| W2.0                  | 2'-0" CONT. | 1'-0"     | (3) #5 CONT. & #4@48" o/c CROSSBARS |
| W2.8                  | 2'-8" CONT. | 1'-0"     | (4) #5 CONT. & #4@48" o/c CROSSBARS |
| W3.0                  | 3'-0" CONT. | 1'-0"     | (4) #5 CONT. & #4@48" o/c CROSSBARS |

| MAT FOUNDATION SCHEDULE |          |           |  |
|-------------------------|----------|-----------|--|
| MARK                    | SIZE     | THICKNESS | REINFORCING  |
| MAT 1                   | SEE PLAN | 2'-0"     | (27) #7 S.W. TOP AND BOTTOM<br>(9) #10 L.W. TOP AND BOTTOM |

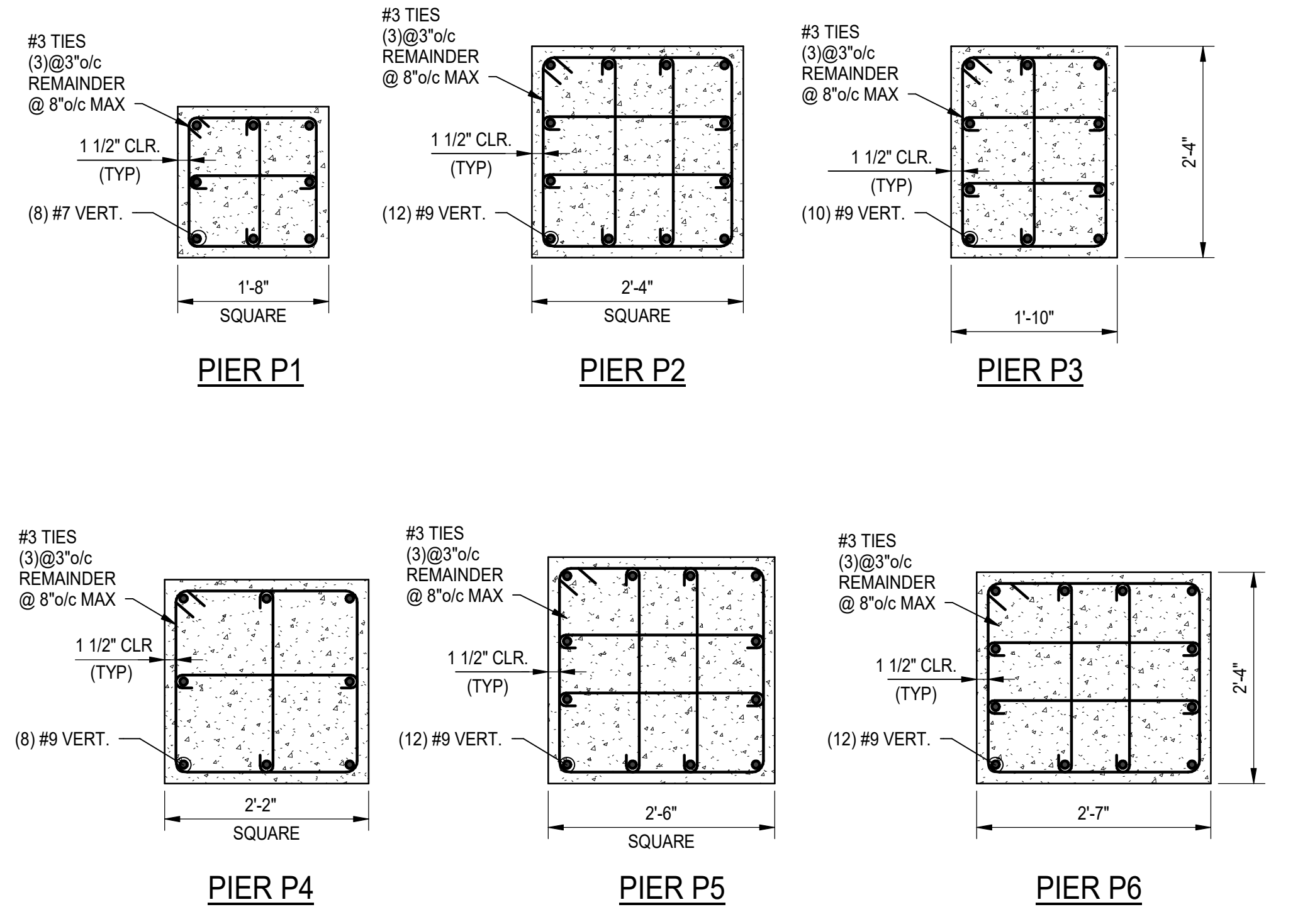
PARTIAL FOUNDATION/FIRST FLOOR FRAMING PLAN  
1/8" = 1'-0"

FOUNDATION / FIRST FLOOR PLAN NOTES:

- THE ELEVATION OF THE SLAB ON GRADE = 100.00, UNO AND SHALL BE THE PROJECT DATUM (0'-0") FOR THIS PROJECT.
- EXISTING BUILDING FOUNDATIONS INDICATED ON PLAN WERE OBTAINED FROM EXISTING DRAWINGS PREPARED BY GARCIOTERRA & ASSOCIATES DATED 07/15/1989 AND DOES NOT REFLECT THE RESULT OF FIELD SURVEY OR AS-BUILT CONDITIONS. BASED ON TEST PITS PERFORMED BY TRIAD ENGINEERING TOP OF EXISTING FOOTINGS ARE ASSUMED TO BE +0'-0" BELOW EXISTING GRADE. CONTRACTOR TO CONFIRM EXISTING CONDITIONS AND FLOOR ELEVATIONS THAT ARE INDICATED ON PLAN PRIOR TO CONSTRUCTION AND CONTACT ENGINEER IF DISCREPANCIES ARE ENCOUNTERED.
- MEMBERS SHALL BE AT THE FOLLOWING ELEVATIONS, MEASURED FROM THE FOUNDATION PLAN DATUM (0'-0"), UNO:

- TYPICAL NEW SLAB ON GRADE SHALL CONSIST OF 5" CONCRETE SLAB REINFORCED WITH 6x6-W2.9xW2.9 WWF OVER 10 MIL VAPOR RETARDER OVER 6" MINIMUM COMPACTED STONE BASE.
  - NOTATIONS SHOWN ON PLAN INDICATE THE FOLLOWING:
- FX X FOOTING MARK, SEE SCHEDULE ON THIS SHEET
  - W X X WALL FOOTING MARK, SEE SCHEDULE ON THIS SHEET
  - P X PIER MARK, SEE DETAILS ON THIS SHEET
  - R W X RETAINING WALL MARK, SEE SCHEDULE ON SHEET S201
  - C X COLUMN MARK, SEE SCHEDULE ON THIS SHEET
  - M A T MAT FOUNDATION MARK, SEE SCHEDULE ON THIS SHEET
  - M P X REINFORCED MASONRY PIER, SEE SCHEDULE AND DETAILS ON SHEET S201 FOR SIZE AND REINFORCEMENT REQUIRED
  - EXISTING FOUNDATION WALLS AND FOOTINGS
  - MASONRY BLOCK WALLS (ASTM C-90)
  - CONCRETE WALLS (f<sub>c</sub> = 4000 PSI), SEE SECTIONS FOR SIZE AND REINFORCEMENT REQUIRED
  - CONCRETE UNDERPINNING, SEE TYPICAL DETAILS AND GENERAL NOTES FOR ADDITIONAL INFORMATION AND REQUIREMENTS
  - NEW SLAB ON GRADE SHALL CONSIST OF 5" CONCRETE SLAB REINFORCED WITH #4@12" o/c EACH WAY OVER 10 MIL VAPOR RETARDER OVER 16" COMPACTED STONE OVER EXISTING 5" CONCRETE SLAB.
  - NEW SLAB ON GRADE SHALL CONSIST OF 5" CONCRETE SLAB REINFORCED WITH #4@12" o/c EACH WAY OVER 10 MIL VAPOR RETARDER OVER 36" COMPACTED STONE OVER EXISTING 5" CONCRETE SLAB.

- SLAB ON GRADE CONTROL JOINTS SHALL BE SAWCUT AFTER CONCRETE HAS TAKEN INITIAL SET AND BEFORE CONCRETE SHRINKAGE STRESSES OCCUR. REFER TO TYPICAL DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS. UNO ON PLAN CONTRACTOR SHALL INSTALL SAWCUTS AT 12'-0" ON CENTER EACH WAY.
- CONTRACTOR SHALL COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL SLAB EDGES, OPENINGS, PENETRATIONS, SLOPES, RAISED OR DEPRESSED AREAS, CURBS, ETC., WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. UNO
- THE CONTRACTOR SHALL COORDINATE ALL UNDERSLAB UTILITIES WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. LOWER OR STEP TOP OF FOOTING ELEVATIONS AS REQUIRED TO MAINTAIN 1H:1V SLOPE FROM BOTTOM OF FOOTINGS TO BOTTOM OF UTILITY EXCAVATIONS. SEE TYPICAL DETAILS FOR ADDITIONAL INFORMATION.
- FOR ADDITIONAL INFORMATION AND REQUIREMENTS REFER TO THE GENERAL NOTES, TYPICAL DETAILS, AND SCHEDULES.
- EXISTING CONSTRUCTION IS SHOWN HALF-TONED. REFER TO THE EXISTING CONSTRUCTION GENERAL NOTES FOR ADDITIONAL INFORMATION.
- RAISED / STEPPED SLAB AT AUDITORIUM & STAGE SHALL BE 3 1/2" NORMAL WEIGHT CONCRETE (f<sub>c</sub> = 3500 PSI) REINFORCED WITH 6x6-W2.1xW2.1 WWF OVER 9/16" x 24 GAUGE PAINTED FORM DECK (TOTAL SLAB THICKNESS INCLUDING DECK = 4") SUPPORTED BY METAL STUD KNEE WALL AT 3'-0" o/c MAXIMUM. BEARING ON EXISTING 5" CONCRETE SLAB ON GRADE. METAL STUD KNEE WALLS SHALL CONTAIN 'X' BRACING AT 12'-0" o/c MAXIMUM EACH DIRECTION. REFER TO GENERAL NOTES FOR ADDITIONAL INFORMATION AND REQUIREMENTS. IN AREAS WHERE EXISTING SLAB AND SUBGRADE HAS BEEN DISTURBED DURING CONSTRUCTION, PROVIDE NEW 5" CONCRETE SLAB ON GRADE REINFORCED WITH #4@12" o/c EACH WAY OVER 10 MIL VAPOR RETARDER OVER 6" MINIMUM COMPACTED STONE BASE FOR SUPPORT OF STEP SEATING FRAMING ABOVE.
- FRAMED CONCRETE SLAB SHALL CONSIST OF 8" CONCRETE SLAB REINFORCED WITH #5@12" o/c T&B S.W. & #4@12" o/c T&B TEMPERATURE BARS.
- BACKFILL BOTH SIDES OF RETAINING WALL BELOW GRADE SIMULTANEOUSLY AS REQUIRED TO MINIMIZE UNBALANCED SOIL CONDITION DURING CONSTRUCTION.
- SECURE MASONRY VENEER TO CONCRETE FOUNDATION WALL WITH DOVETAIL ANCHORS. REFER TO GENERAL NOTES FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- SECURE MULTIPLE WYTHE MASONRY WALLS TOGETHER WITH TRUSS OR LADDER TYPE HORIZONTAL JOINT AND REQUIREMENTS. REFER TO SPECIFICATIONS AND GENERAL NOTES FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- PROVIDE (2) #5 EACH CELL (8" o/c) FOR FULL HEIGHT OF WALL. PROVIDE DOWELS INTO FOOTING SAME SIZE AND SPACING AS VERTICAL PIER REINFORCING.
- REINFORCE ALL EXTERIOR LOAD BEARING AND STAIR MASONRY WALLS WHICH EXTEND ABOVE GRADE WITH #6@48" o/c VERTICAL IN GROUDED CELLS, FULL HEIGHT AND DOWELED INTO FOOTING, UNO.
- REMOVABLE PLYWOOD STAIR, REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.





NOT FOR CONSTRUCTION

GARRETT COLLEGE CEPAC

887 MOSSER ROAD,  
MCHEENY, MD 21541

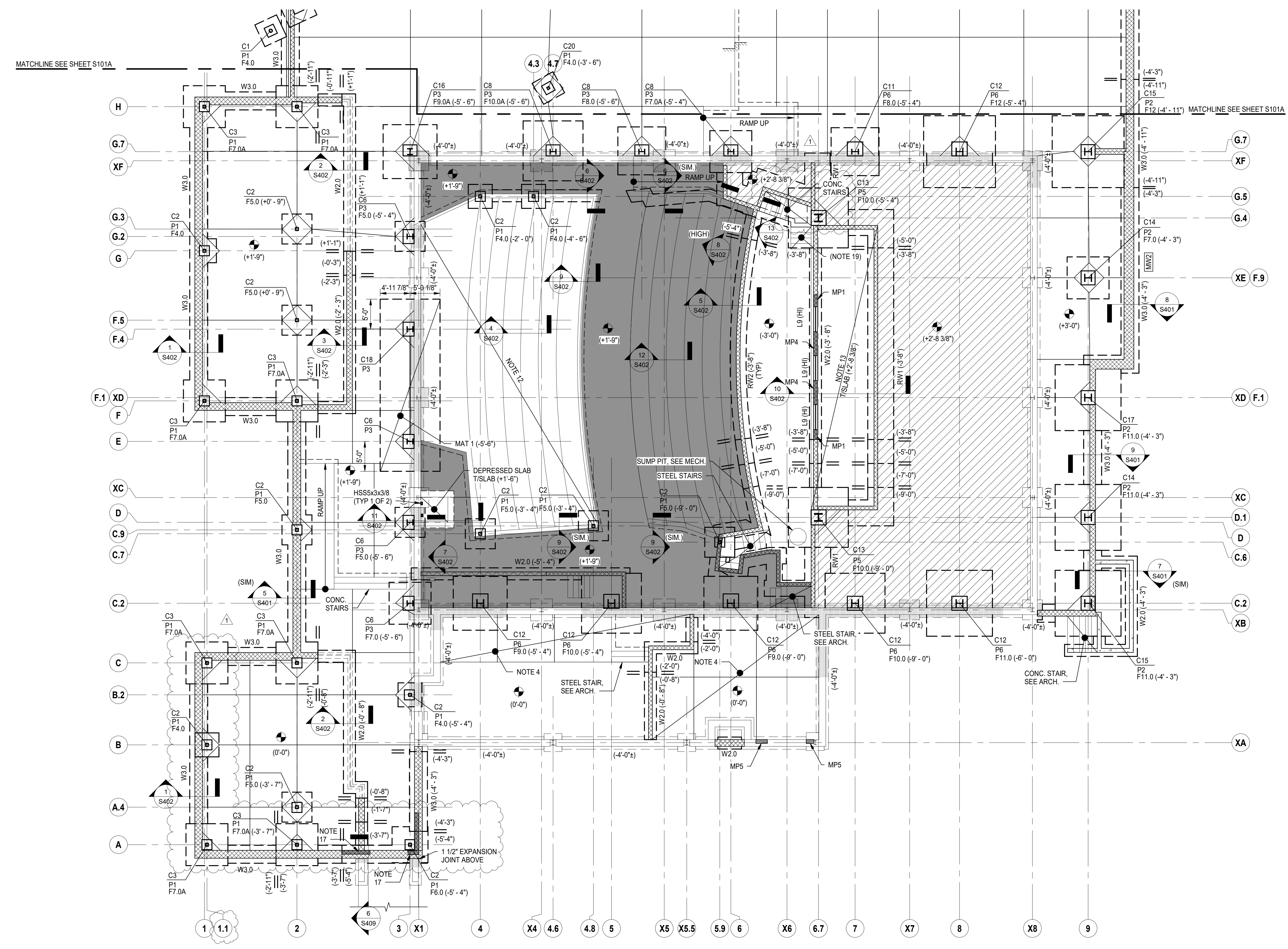
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Issue Date: 11/15/2019  
Revisions  
1 ADDENDUM 01 12/11/2019

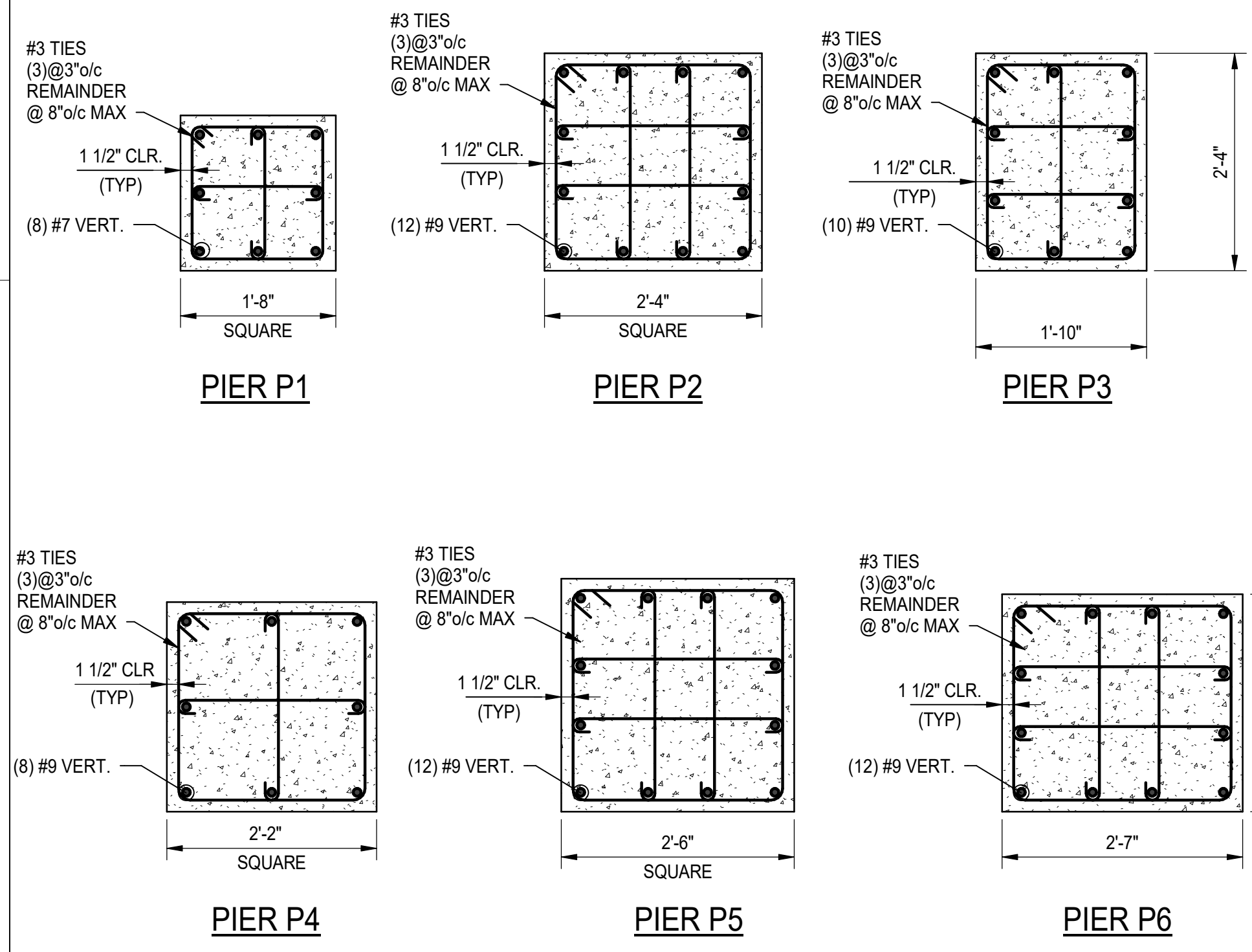
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PARTIAL FOUNDATION / FIRST FLOOR FRAMING PLAN

**S101B**



**PARTIAL FOUNDATION/FIRST FLOOR FRAMING PLAN**  
1/8" = 1'-0"



**FOUNDATION / FIRST FLOOR PLAN NOTES:**

1. THE ELEVATION OF THE SLAB ON GRADE = 100.00', UNO AND SHALL BE THE PROJECT DATUM (0'-0") FOR THIS PROJECT.
2. EXISTING BUILDING FOUNDATIONS INDICATED ON PLAN WERE OBTAINED FROM EXISTING DRAWINGS PREPARED BY GARCIERA & ASSOCIATES DATED 07/15/1999 AND DOES NOT REFLECT THE RESULT OF FIELD SURVEY OR AS-BUILT CONDITIONS BASED ON TEST PITS PERFORMED BY TRUD ENGINEERING. TOP OF EXISTING FOOTINGS ARE ASSUMED TO BE 4'-0" BELOW EXISTING GRADE. CONTRACTOR TO CONFIRM EXISTING CONDITIONS AND FLOOR ELEVATIONS THAT ARE INDICATED ON PLAN PRIOR TO CONSTRUCTION AND CONTACT ENGINEER IF DISCREPANCIES ARE ENCOUNTERED.
3. MEMBERS SHALL BE AT THE FOLLOWING ELEVATIONS, MEASURED FROM THE FOUNDATION PLAN DATUM (0'-0'), UNO:
  - TOP OF SLABS (0'-0")
  - TOP OF FOOTINGS (-2'-11")
  - TOP OF PIERS (0'-8") FROM ADJACENT SLAB UNO
4. TYPICAL NEW SLAB ON GRADE SHALL CONSIST OF 5" CONCRETE SLAB REINFORCED WITH 6x6-W2.9xW2.9 WWF OVER 10 MIL VAPOR RETARDER OVER 6" MINIMUM COMPACTED STONE BASE.
5. NOTATIONS SHOWN ON PLAN INDICATE THE FOLLOWING:
  - FX-X FOOTING MARK, SEE SCHEDULE ON THIS SHEET
  - WX-X WALL FOOTING MARK, SEE SCHEDULE ON THIS SHEET
  - PX PIER MARK, SEE DETAILS ON THIS SHEET
  - RWX RETAINING WALL MARK, SEE SCHEDULE ON SHEET S201
  - CX COLUMN MARK, SEE SCHEDULE ON THIS SHEET
  - MAT-X MAT FOUNDATION MARK, SEE SCHEDULE ON THIS SHEET
  - MPX REINFORCED MASONRY PIER, SEE SCHEDULE AND DETAILS ON SHEET S201 FOR SIZE AND REINFORCEMENT REQUIRED
  - EXISTING FOUNDATION WALLS AND FOOTINGS
  - MASONRY BLOCK WALLS (ASTM C-90)
  - CONCRETE WALLS (f<sub>c</sub> = 4000 PSI), SEE SECTIONS FOR SIZE AND REINFORCEMENT REQUIRED
  - CONCRETE UNDERPINNING, SEE TYPICAL DETAILS AND GENERAL NOTES FOR ADDITIONAL INFORMATION AND REQUIREMENTS
  - NEW SLAB ON GRADE SHALL CONSIST OF 5" CONCRETE SLAB REINFORCED WITH #4@12" O.C. EACH WAY OVER 10 MIL VAPOR RETARDER OVER 16" COMPACTED STONE OVER EXISTING 5" CONCRETE SLAB.
  - NEW SLAB ON GRADE SHALL CONSIST OF 5" CONCRETE SLAB REINFORCED WITH #4@12" O.C. EACH WAY OVER 10 MIL VAPOR RETARDER OVER 36" COMPACTED STONE OVER EXISTING 5" CONCRETE SLAB.
6. SLAB ON GRADE CONTROL JOINTS SHALL BE SAWCUT AFTER CONCRETE HAS TAKEN INITIAL SET AND BEFORE CONCRETE SHRINKAGE STRESSES OCCUR. REFER TO TYPICAL DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS. UNO ON PLAN CONTRACTOR SHALL INSTALL SAWCUTS AT 12'-0" ON CENTER EACH WAY.
7. CONTRACTOR SHALL COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION.
8. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL SLAB EDGES, OPENINGS, PENETRATIONS, SLOPES, RAISED OR DEPRESSED AREAS, CURBS, ETC., WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS, UNO.
9. THE CONTRACTOR SHALL COORDINATE ALL UNDERSLAB UTILITIES WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. LOWER OR STEP TOP OF FOOTING ELEVATIONS AS REQUIRED TO MAINTAIN 1H:1V SLOPE FROM BOTTOM OF FOOTINGS TO BOTTOM OF UTILITY EXCAVATIONS. SEE TYPICAL DETAILS FOR ADDITIONAL INFORMATION.
10. FOR ADDITIONAL INFORMATION AND REQUIREMENTS REFER TO THE GENERAL NOTES, TYPICAL DETAILS, AND SCHEDULES.
11. EXISTING CONSTRUCTION IS SHOWN HALF-TONED. REFER TO THE EXISTING CONSTRUCTION GENERAL NOTES FOR ADDITIONAL INFORMATION.
12. RAISED / STEPPED SLAB AT AUDITORIUM & STAGE SHALL BE 3 1/2" NORMAL WEIGHT CONCRETE (f<sub>c</sub> = 3500 PSI) REINFORCED WITH 6x6-W2.1xW2.1 WWF OVER 9/16" x 24 GAUGE PAINTED FORM DECK (TOTAL SLAB THICKNESS INCLUDING DECK = 4") SUPPORTED BY METAL STUD KNEE WALL AT 3'-0" O.C. MAXIMUM. BEARING ON EXISTING 5" CONCRETE SLAB ON GRADE. METAL STUD KNEE WALLS SHALL CONTAIN 'X' BRACING AT 12'-0" O.C. MAXIMUM EACH DIRECTION. REFER TO GENERAL NOTES FOR ADDITIONAL INFORMATION AND REQUIREMENTS. IN AREAS WHERE EXISTING SLAB AND SUBGRADE HAS BEEN DISTURBED DURING CONSTRUCTION, PROVIDE NEW 5" CONCRETE SLAB ON GRADE REINFORCED WITH #4@12" O.C. EACH WAY OVER 10 MIL VAPOR RETARDER OVER 6" MINIMUM COMPACTED STONE BASE FOR SUPPORT OF STEP SEATING FRAMING ABOVE.
13. FRAMED CONCRETE SLAB SHALL CONSIST OF 6" CONCRETE SLAB REINFORCED WITH #5@12" O.C. T&B S.W. & #4@12" O.C. T&B TEMPERATURE BARS.
14. BACKFILL BOTH SIDES OF RETAINING WALL BELOW GRADE SIMULTANEOUSLY AS REQUIRED TO MINIMIZE UNBALANCED SOIL CONDITION DURING CONSTRUCTION.
15. SECURE MASONRY VENEER TO CONCRETE FOUNDATION WALL WITH DOVETAIL ANCHORS. REFER TO GENERAL NOTES FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
16. SECURE MULTIPLE WYTHE MASONRY WALLS TOGETHER WITH TRUSS OR LADDER TYPE HORIZONTAL JOINT REINFORCING. REFER TO SPECIFICATIONS AND GENERAL NOTES FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
17. PROVIDE (2) #5 EACH CELL (8" O.C.) FOR FULL HEIGHT OF WALL. PROVIDE DOWELS INTO FOOTING SAME SIZE AND SPACING AS VERTICAL PIER REINFORCING.
18. REINFORCE ALL EXTERIOR, LOAD BEARING AND STAIR MASONRY WALLS WHICH EXTEND ABOVE GRADE WITH #6@48" VERTICAL IN GROUTED CELLS, FULL HEIGHT AND DOWELED INTO FOOTING, UNO.
19. REMOVABLE PLYWOOD STAIR, REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

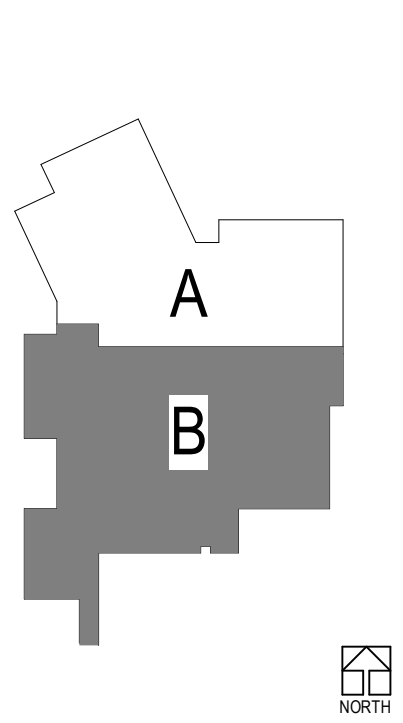
| STEEL COLUMN SCHEDULE |            |   |  |
|-----------------------|------------|---|--|
| MARK                  | SIZE       | BASEPLATE   |  |
| C1                    | Pipe6STD   | 3/4"x13"x1'-1" BASEPLATE w/ (4) 3/4" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 9" MIN. EMBED                   |  |
| C2                    | HSS6X6X3/8 | 3/4"x13"x1'-1" BASEPLATE w/ (4) 3/4" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 9" MIN. EMBED                   |  |
| C3                    | HSS6X6X5/8 | 3/4"x12"x1'-0" BASEPLATE w/ (4) 3/4" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 18" MIN. EMBED                  |  |
| C4                    | W8X31      | SEE Q/S303  |  |
| C5                    | W12X26     | 1"x19"x1'-7" BASEPLATE w/ (4) 3/4" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 9" MIN. EMBED                     |  |
| C6                    | W12X53     | 1 3/8"x18"x1'-7" BASEPLATE w/ (4) 1" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 20" MIN. EMBED. SEE S/C308      |  |
| C7                    | W12X45     | 1"x19"x1'-7" BASEPLATE w/ (4) 3/4" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 9" MIN. EMBED                     |  |
| C8                    | W12X53     | 1 1/8"x18 1/2"x1'-10" BASEPLATE w/ (6) 1" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 18" MIN. EMBED. SEE S/C308 |  |
| C9                    | W12X65     | 1 1/4"x19"x1'-10" BASEPLATE w/ (6) 1" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 20" MIN. EMBED. SEE S/C308     |  |
| C10                   | W12X72     | 1 1/4"x19"x1'-10" BASEPLATE w/ (6) 1" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 20" MIN. EMBED. SEE S/C308     |  |
| C11                   | W14X61     | 1 5/8"x21'-2" BASEPLATE w/ (6) 1 1/8" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 18" MIN. EMBED. SEE D/S308     |  |
| C12                   | W14X90     | 1 3/4"x23'-2" BASEPLATE w/ (6) 1 1/2" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 20" MIN. EMBED. SEE S/C308     |  |
| C13                   | W14X211    | 1 1/2"x25'-2" BASEPLATE w/ (4) 1 1/8" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 20" MIN. EMBED. SEE K/S308     |  |
| C14                   | W14X90     | 1"x20"x1'-8" BASEPLATE w/ (4) 3/4" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 18" MIN. EMBED                    |  |
| C15                   | W14 X 90   | 1 3/8"x22'-2" BASEPLATE w/ (6) 1 1/4" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 25" MIN. EMBED. SEE F/S308     |  |
| C16                   | W12 X 53   | 1 1/4"x18"x1'-8" w/ (4) 3/4" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 9" MIN. EMBED. SEE S/C308               |  |
| C17                   | W14 X 90   | 1"x20"x1'-9" w/ (4) 3/4" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 18" MIN. EMBED. SEE H/S308                  |  |
| C18                   | W12 X 53   | 1 1/2"x18"x1'-7" BASEPLATE w/ (4) 1" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 20" MIN. EMBED. SEE J/S308      |  |
| C19                   | HSS4X4X3/8 | 3/4"x6"x0'-8" EMBEDDED PLATE w/ (4) 3/4" x 6" LONG HEADED STUDS   |  |
| C20                   | HSS5X5X3/8 | 3/4"x13"x1'-1" BASEPLATE w/ (4) 3/4" ANCHOR BOLTS w/ 3"x3/8" SQ. WASHER & 9" MIN. EMBED                   |  |

| SPREAD FOOTING SCHEDULE |            |           |                  |
|-------------------------|------------|-----------|------------------|
| MARK                    | SIZE       | THICKNESS | REINFORCING      |
| F4.0                    | 4'-0" SQ.  | 1'-0"     | (4) #4 E.W. B.   |
| F5.0                    | 5'-0" SQ.  | 1'-0"     | (5) #5 E.W. B.   |
| F6.0                    | 6'-0" SQ.  | 1'-1"     | (5) #6 E.W. T&B  |
| F7.0                    | 7'-0" SQ.  | 1'-3"     | (7) #6 E.W. B.   |
| F7.0A                   | 7'-0" SQ.  | 1'-3"     | (7) #6 E.W. T&B  |
| F7.0B                   | 7'-0" SQ.  | 2'-0"     | (9) #6 E.W. T&B  |
| F8.0                    | 8'-0" SQ.  | 1'-5"     | (7) #7 E.W. T&B  |
| F9.0                    | 9'-0" SQ.  | 1'-6"     | (9) #7 E.W. T&B  |
| F9.0A                   | 9'-0" SQ.  | 2'-0"     | (10) #7 E.W. T&B |
| F10.0                   | 10'-0" SQ. | 1'-8"     | (8) #8 E.W. T&B  |
| F10.0A                  | 10'-0" SQ. | 2'-0"     | (10) #8 E.W. T&B |
| F11.0                   | 11'-0" SQ. | 1'-10"    | (9) #8 E.W. T&B  |
| F12                     | 12'-0" SQ. | 2'-0"     | (10) #8 E.W. T&B |

| WALL FOOTING SCHEDULE |             |           |                                      |
|-----------------------|-------------|-----------|--------------------------------------|
| MARK                  | SIZE        | THICKNESS | REINFORCING                          |
| W2.0                  | 2'-0" CONT. | 1'-0"     | (3) #5 CONT. & #4@48" O.C. CROSSBARS |
| W2.8                  | 2'-8" CONT. | 1'-0"     | (4) #5 CONT. & #4@48" O.C. CROSSBARS |
| W3.0                  | 3'-0" CONT. | 1'-0"     | (4) #5 CONT. & #4@48" O.C. CROSSBARS |

| MAT FOUNDATION SCHEDULE |          |           |  |
|-------------------------|----------|-----------|--|
| MARK                    | SIZE     | THICKNESS | REINFORCING  |
| MAT 1                   | SEE PLAN | 2'-0"     | (27) #7 S.W. TOP AND BOTTOM<br>(9) #10 L.W. TOP AND BOTTOM |

**KEY PLAN**



NOT FOR CONSTRUCTION

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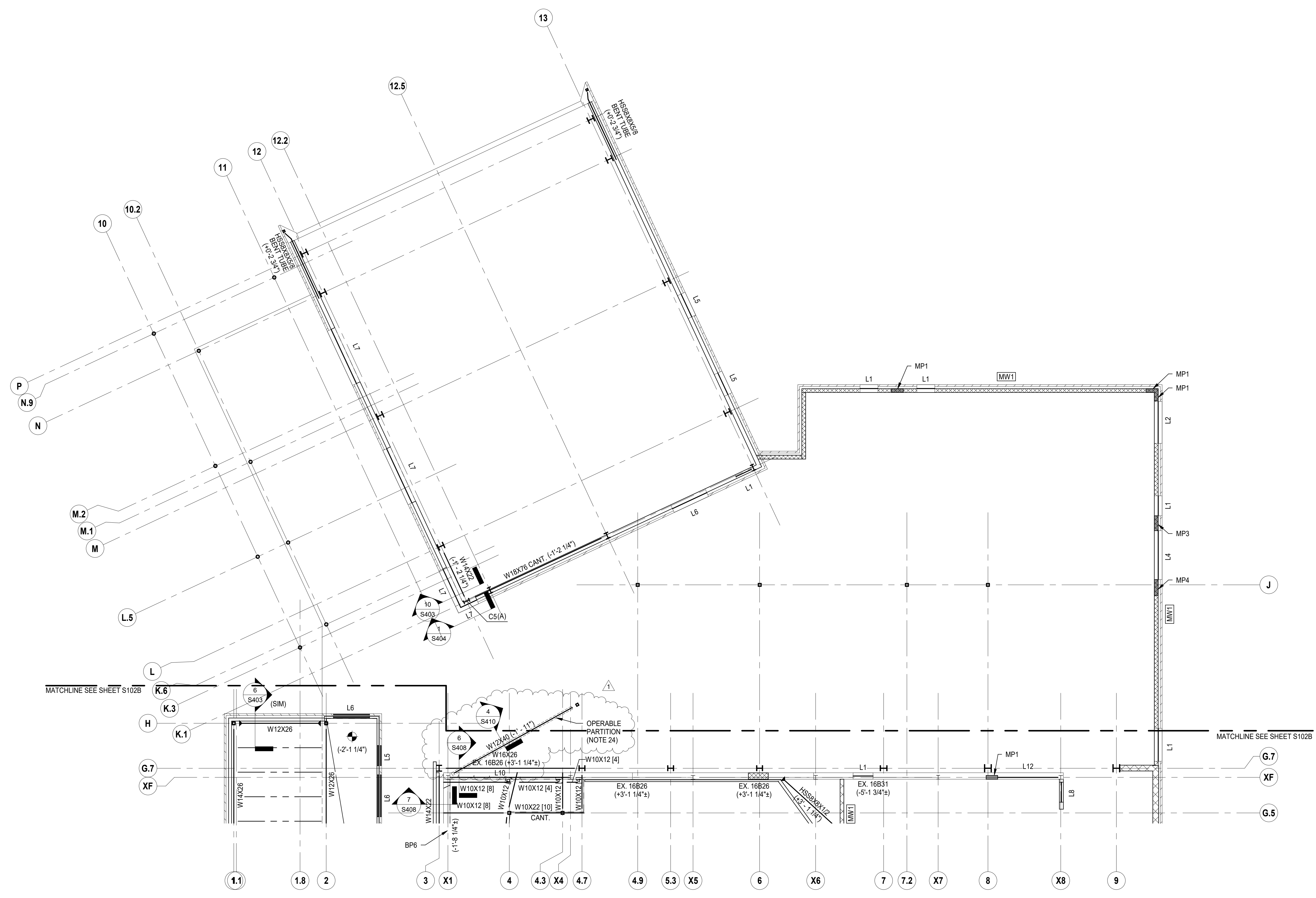
687 MOSSER ROAD,  
MCHEENY, MD 21541

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Issue Date: 11/15/2019  
Revisions  
1 ADDENDUM 01 12/11/2019

56-18107-00  
PARTIAL CONTROL ROOM LEVEL FRAMING PLAN

S102A

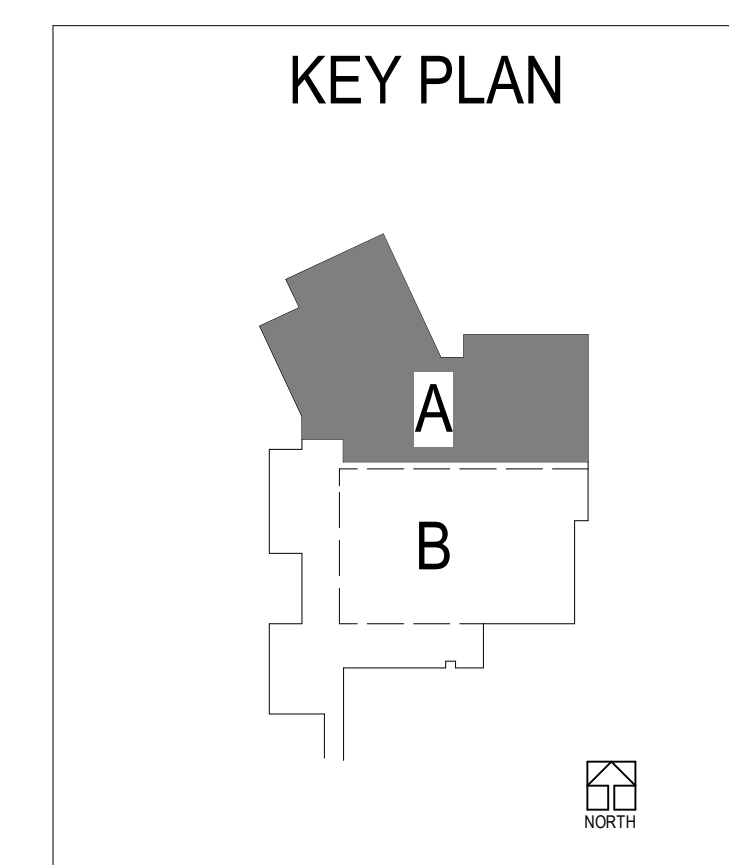


**PARTIAL CONTROL ROOM LEVEL FRAMING PLAN**  
1/8" = 1'-0"

**CONTROL ROOM LEVEL FRAMING PLAN NOTES:**

- THE ELEVATION OF THE CONTROL ROOM LEVEL SLAB IS (+15'-9") AND IS REFERENCED FROM THE PROJECT DATUM.
- EXISTING BUILDING FRAMING INDICATED ON PLAN WERE OBTAINED FROM EXISTING DRAWINGS PREPARED BY CARCATERRA & ASSOCIATES DATED 07/15/1989 AND DOES NOT REFLECT THE RESULT OF FIELD SURVEY OR AS-BUILT CONDITIONS. CONTRACTOR TO CONFIRM EXISTING FRAMING CONDITIONS AND FLOOR ELEVATIONS THAT ARE INDICATED ON PLAN PRIOR TO CONSTRUCTION AND CONTACT ENGINEER IF DISCREPANCIES ARE ENCOUNTERED.
- MEMBERS SHALL BE AT THE FOLLOWING ELEVATIONS, MEASURED FROM THE FRAMING PLAN DATUM (+15'-9"): UNO:  
TOP OF SLABS (T/SL) (0'-0")  
TOP OF BEAMS (T/STL) (-0'-6 1/2")
- TYPICAL FLOOR CONSTRUCTION SHALL BE 4 1/2" NORMAL WEIGHT CONCRETE SLAB (f<sub>c</sub> = 3,500 PSI) REINFORCED WITH 6x6-W5x5 WWF OVER 2" x 18 GAUGE, GALVANIZED COMPOSITE METAL DECK w/ 3/4" DIAMETER x 5" LONG HEADED SHEAR STUDS AT COMPOSITE BEAMS, UNO. (TOTAL FLOOR SLAB THICKNESS INCLUDING DECK = 6 1/2").
- NOTATIONS SHOWN ON PLAN INDICATE THE FOLLOWING SEE SCHEDULES ON SHEET S201 FOR ADDITIONAL INFORMATION AND REQUIREMENTS:  
[XX] NUMBER OF UNIFORMLY SPACED 3/4" x 5" LONG HEADED SHEAR STUDS FIELD WELDED TO TOP FLANGE OF COMPOSITE STEEL BEAM  
C-X" CAMBER OF STEEL BEAM, MAXIMUM UNFACTORED BEAM END REACTION, IF NOTED THUS X.XX AT EACH COMPOSITE BEAM END  
▶ CONTINUITY WELDED MOMENT CONNECTION WITH FULL PENETRATION GROOVE WELDS  
MPX REINFORCED MASONRY PIER. SEE SCHEDULE AND DETAILS FOR SIZE AND REINFORCEMENT REQUIRED  
MWX REINFORCED MASONRY WALL TYPE. SEE SCHEDULE AND DETAILS FOR SIZE AND REINFORCEMENT REQUIRED  
LX LINTEL TYPE INDICATED  
CX(A) COLUMN ABOVE STARTS AT THIS LEVEL  
CX(H) COLUMN HANGER STARTS AT ROOF LEVEL  
[Hatched Box] MASONRY BLOCK WALLS (ASTM C-90)  
[Dotted Box] METAL STUD WALLS. SEE GENERAL NOTES  
[Solid Box] EXISTING MASONRY BLOCK WALLS
- JOISTS AND FILLER BEAMS ARE TO BE EQUALLY SPACED BETWEEN COLUMNS, UNO.
- FOR RTU SUPPORT FRAMING SEE TYPICAL DETAILS, UNLESS NOTED OTHERWISE, MAXIMUM WEIGHT OF RTU = 500 POUNDS AND ARE LOCATED AS SHOWN. CONTACT ENGINEER IF FINAL UNIT LOCATIONS OR WEIGHTS DIFFER FROM THOSE SHOWN PRIOR TO JUST FABRICATION.
- WHERE INDICATED, PROVIDE L4x4x1/4 CONTINUOUS ANGLE FOR ROOF DECK SUPPORT. ATTACH TO CMU WALLS WITH 3/4" DIAMETER EXPANSION BOLTS AT 2'-0" MAXIMUM (4 3/4" MINIMUM EMBEDMENT). DECK SHALL SPAN PERPENDICULAR BETWEEN ANGLES.

- THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL SLAB EDGES, OPENINGS, PENETRATIONS, SLOPES, RAISED OR DEPRESSED AREAS, CURBS, ETC., WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS, UNO, AND SUBMIT COORDINATED, DETAILED, AND DIMENSIONED SHOP DRAWINGS FOR REVIEW OF ALL SLAB PENETRATIONS.
- FOR ADDITIONAL INFORMATION AND REQUIREMENTS AT TYPICAL FRAMING CONDITIONS, SEE TYPICAL DETAIL AND GENERAL NOTES.
- THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL ROOF OPENINGS AND/OR PENETRATIONS, MECHANICAL UNITS, DUCTWORK, CONDUIT, LINTELS, ETC. WITH THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS.
- CONTRACTOR SHALL COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION.
- 1x6, GROUP 1 EXPOSURE 1 PLYWOOD DECK WITH PANEL ID. 4824. ATTACH SHEATING TO FRAMING WITH #10 SCREWS AT 6" o/c AT PERIMETER/PANEL EDGES AND AT 12" o/c AT INTERIOR REGIONS.
- EXISTING CONSTRUCTION IS SHOWN HALF-TONED. REFER TO THE EXISTING CONSTRUCTION GENERAL NOTES FOR ADDITIONAL INFORMATION.
- TYPICAL ROOF CONSTRUCTION SHALL CONSIST OF 1 1/2" x 20 GAUGE, TYPE 'B' WIDE RIB, GALVANIZED METAL ROOF DECK.
- CONTRACTOR SHALL SHORE EXISTING WALLS/BEAMS AND COLUMNS AS REQUIRED PRIOR TO REMOVING EXISTING GYM ROOF FRAMING. REFER TO GENERAL NOTES AND SPECIFICATION SECTION 02 25 10 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- PROVIDE (2) #5 EACH CELL (8" o/c) FOR FULL HEIGHT OF WALL. PROVIDE DOWELS INTO FOOTING SAME SIZE AND SPACING AS VERTICAL PIER REINFORCING.
- PROVIDE CONTINUOUS 16 GAUGE DECK CLOSURE PLATE AT NEW/EXISTING ROOF DECK TRANSITION.
- ANCHORS HUNG DIRECTLY FROM NEW C10 CHANNELS WITH 1/2" THREADED RODS AT EACH CORNER OF EACH SECTION OF UNIT. REFER TO DETAIL K / S306 AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- REINFORCE FULL HEIGHT OF EXISTING COLUMN PER DETAIL M / S306.
- REINFORCE EXISTING COLUMN TO UNDERSIDE OF EXISTING 16826 ABOVE PER DETAIL M / S306.
- EXISTING 688.5 BENT TRUSS TO BE RELOCATED FROM SALVAGED MATERIAL AT DEMOLISHED PORTION OF EXISTING CORRIDOR. CONTRACTOR SHALL SHORE EXISTING ROOF FRAMING AND PIERS AS REQUIRED PRIOR TO REMOVING EXISTING CORRIDOR ROOF FRAMING. REFER TO GENERAL NOTES AND SPECIFICATION SECTION 02 25 10 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- PRE-ENGINEERED LOUVERED PENTHOUSE DESIGNED BY MANUFACTURER. REFER TO GENERAL NOTES FOR DESIGN REQUIREMENTS. CONTRACTOR SHALL SIGN AND SEALED SHOP DRAWINGS & CALCULATIONS INCLUDING ALL CONNECTIONS REQUIRED TO ENGINEER FOR REVIEW. REFER TO ARCHITECTURAL & MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- FOR EXACT LOCATION OF OPERABLE PARTITION SEE ARCHITECTURAL DRAWINGS AND MANUFACTURER DRAWINGS. STRUCTURAL STEEL SUPPLIER SHALL PROVIDE ADDITIONAL SUPPORT FRAMING AT STACKED END OF PARTITIONS PER PARTITION MANUFACTURE REQUIREMENTS.





NOT FOR CONSTRUCTION

GARRETT COLLEGE CEPAC

687 MOSSER ROAD,  
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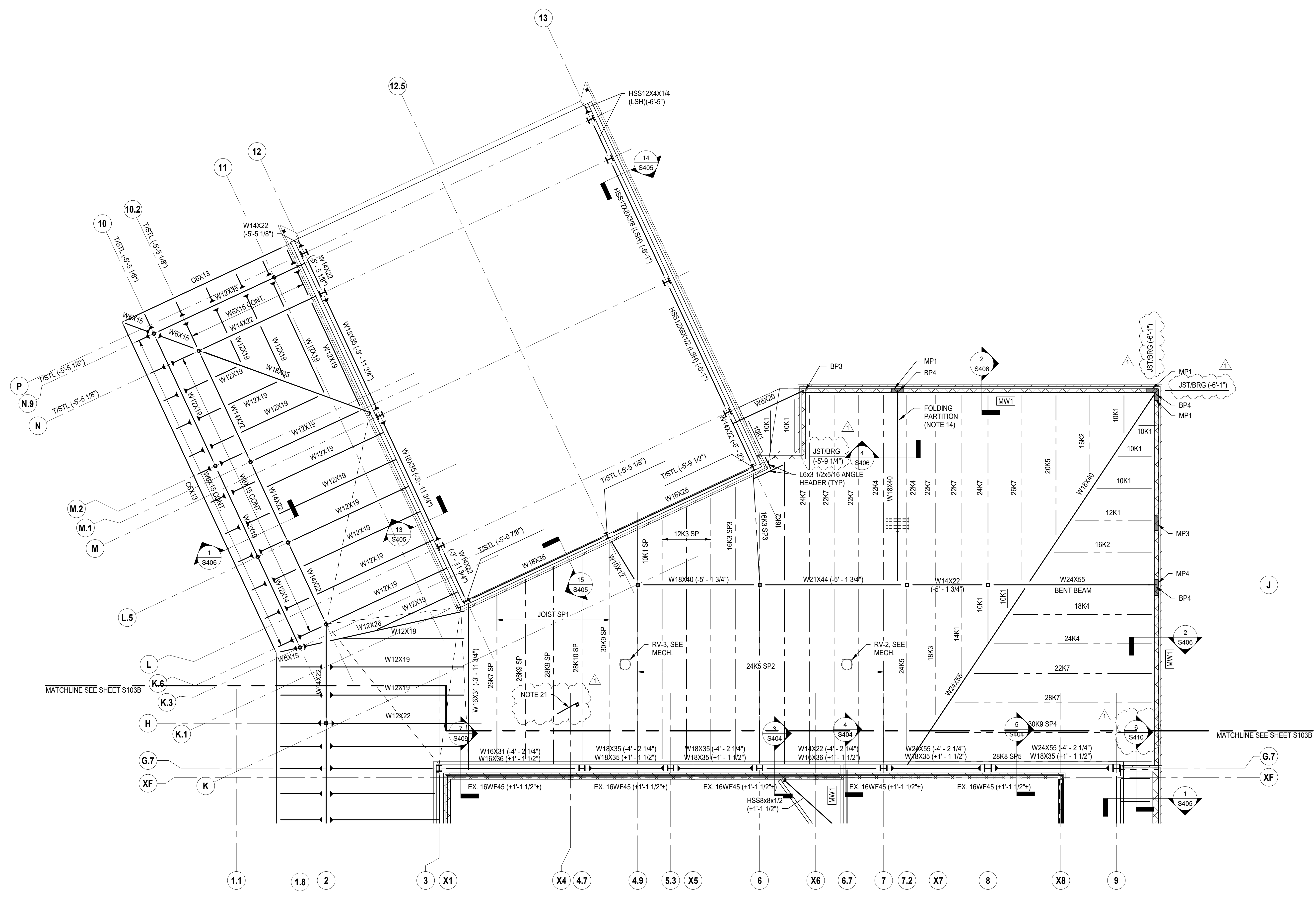
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Issue Date: 11/15/2019  
Revisions  
1 ADDENDUM 01 12/11/2019

56-18107-00

PARTIAL CATWALK LEVEL FRAMING PLAN

S103A



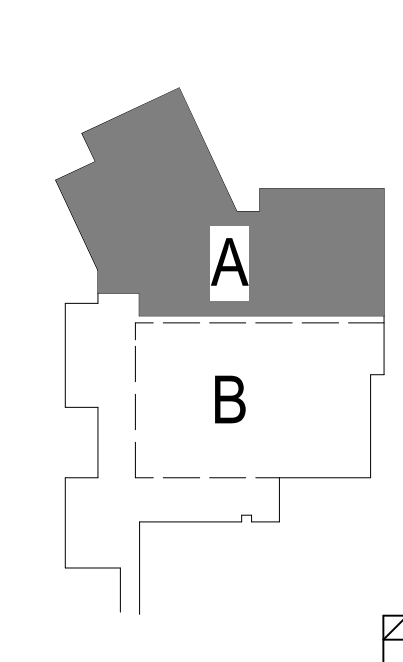
**PARTIAL CATWALK LEVEL FRAMING PLAN**  
1/8" = 1'-0"

**CATWALK FRAMING PLAN NOTES:**

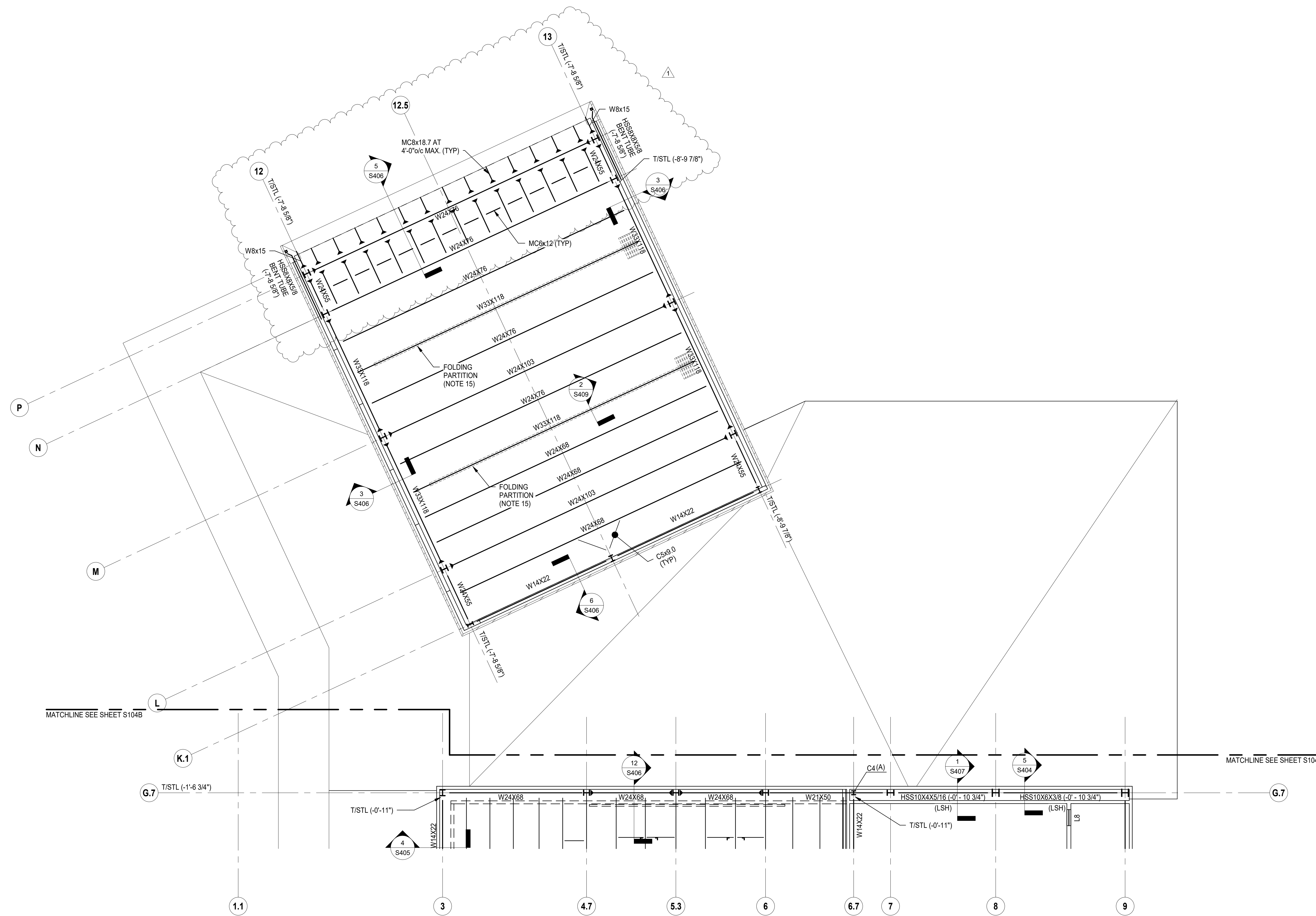
- THE ELEVATION OF THE CATWALK LEVEL SLAB IS (+24'-6") AND IS REFERENCED FROM THE PROJECT DATUM.
- EXISTING BUILDING FRAMING INDICATED ON PLAN WERE OBTAINED FROM EXISTING DRAWINGS PREPARED BY CARCATERRA & ASSOCIATES DATED 07/15/1989 AND DOES NOT REFLECT THE RESULT OF FIELD SURVEY OR AS-BUILT CONDITIONS. CONTRACTOR TO CONFIRM EXISTING FRAMING CONDITIONS AND FLOOR ELEVATIONS THAT ARE INDICATED ON PLAN PRIOR TO CONSTRUCTION AND CONTACT ENGINEER IF DISCREPANCIES ARE ENCOUNTERED.
- MEMBERS SHALL BE AT THE FOLLOWING ELEVATIONS, MEASURED FROM THE FRAMING PLAN DATUM (+24'-6"), UNO:  
TOP OF SLABS (0'-0")  
TOP OF BEAMS (-0'-6 1/2")
- TYPICAL ROOF CONSTRUCTION SHALL CONSIST OF 1 1/2" x 20 GAUGE, TYPE 'B' WIDE RIB, GALVANIZED METAL ROOF DECK.
- NOTATIONS SHOWN ON PLAN INDICATE THE FOLLOWING SEE SCHEDULES ON SHEET S201 FOR ADDITIONAL INFORMATION AND REQUIREMENTS:  
[XX] NUMBER OF UNIFORMLY SPACED 3/4" x 5" LONG HEADED SHEAR STUDS FIELD WELDED TO TOP FLANGE OF COMPOSITE STEEL BEAM  
C-x" CAMBER OF STEEL BEAM, MAXIMUM UNFACTORED BEAM END REACTION, IF NOTED THIS X.XX AT EACH COMPOSITE BEAM END  
CONTINUITY WELDED MOMENT CONNECTION WITH FULL PENETRATION GROOVE WELDS  
REINFORCED MASONRY PIER, SEE SCHEDULE AND DETAILS FOR SIZE AND REINFORCEMENT REQUIRED  
REINFORCED MASONRY WALL TYPE, SEE SCHEDULE AND DETAILS FOR SIZE AND REINFORCEMENT REQUIRED  
LX COLUMN HANGER BELOW START AT ROOF LEVEL  
CX(H) STRUCTURAL 5/16" STEEL DIAMOND PLATE FLOORING  
REINFORCED MASONRY BLOCK WALLS (ASTM C-90) FILLED SOLID WITH 3,000 PSI GROUT  
METAL STUD WALLS, SEE GENERAL NOTES  
EXISTING MASONRY BLOCK WALLS  
FLOOR CONSTRUCTION SHALL BE 4 1/2" NORMAL WEIGHT CONCRETE SLAB (f<sub>c</sub> = 3,500 PSI) REINFORCED WITH 6#-18x18 WWS OVER 2" x 18 GAUGE, GALVANIZED COMPOSITE METAL DECK w/ 3/4" DIAMETER x 5" LONG HEADED SHEAR STUDS AT COMPOSITE BEAMS, UNO, (TYPICAL FLOOR SLAB THICKNESS INCLUDING DECK = 6 1/2").
- JOISTS AND FILLER BEAMS ARE TO BE EQUALLY SPACED BETWEEN COLUMNS, UNO.
- FOR RTU SUPPORT FRAMING SEE TYPICAL DETAILS, UNLESS NOTED OTHERWISE, MAXIMUM WEIGHT OF RTU = 500 POUNDS AND ARE LOCATED AS SHOWN, CONTACT ENGINEER IF FINAL UNIT LOCATIONS OR WEIGHTS DIFFER FROM THOSE SHOWN PRIOR TO JOIST FABRICATION.

- WHERE INDICATED, PROVIDE L4x4x1/4 CONTINUOUS ANGLE FOR ROOF DECK SUPPORT. ATTACH TO CMU WALLS WITH 3/4" DIAMETER EXPANSION BOLTS AT 2'-0" MAXIMUM (4 3/4" MINIMUM EMBEDMENT), DECK SHALL SPAN PERPENDICULAR BETWEEN ANGLES.
- CONTRACTOR SHALL COORDINATE LOCATION AND ALIGN HANGERS AND KICKERS WITH VERTICAL MEMBER OF ROOF JOIST, MAXIMUM SPACING OF HANGERS AND KICKERS SHALL BE 6'-0" / 12'-0" MAX RESPECTIVELY.
- CONTRACTOR SHALL SHORE EXISTING WALLS, BEAMS AND COLUMNS AS REQUIRED PRIOR TO REMOVING EXISTING GYM ROOF FRAMING. REFER TO GENERAL NOTES AND SPECIFICATION SECTION 02 25 10 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- ACOUSTICAL CEILING CLOUDS DESIGNED BY MANUFACTURER, CLOUDS TO BE SUPPORTED FROM TOP CHORD OF ROOF JOIST ABOVE WITH 1/2" x 1/2" THREADED HANGER RODS, FOR ANGLE HEADER AND ATTACHMENT REFER TO DETAIL M / S304 SIMILAR. COORDINATE LOCATION OF SUPPORT RODS WITH CLOUD MANUFACTURER REQUIREMENTS. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- LOUD SPEAKER/SUBWOOFER TO BE HUNG FROM BOTTOM CHORD OF ROOF JOIST ABOVE, FOR ATTACHMENT REQUIREMENTS REFER TO THEATRE DRAWINGS. PROVIDE ANGLE HEADER BETWEEN ADJACENT BOTTOM CHORDS OF JOISTS AS REQUIRED FOR ATTACHMENT. REFER TO THEATRE DRAWINGS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- CONTRACTOR SHALL COORDINATE ELEVATION OF TUBE GIRTS WITH LOCATION AND ATTACHMENTS OF EXTERIOR ARTWORK DESIGN BY MANUFACTURER.
- PROVIDE L6x4x3/8 (LLV) ANGLE HEADER FOR BRACING AT TOP OF COLUMN. SECURE ANGLE HEADER TO TOP CHORD OF JOIST PER DETAIL L / S304 SIMILAR. PROVIDE VERTICAL SLOTTED CONNECTION AT COLUMN TO HEADER ANGLE TO ALLOW FOR JOIST DEFLECTION.

**KEY PLAN**





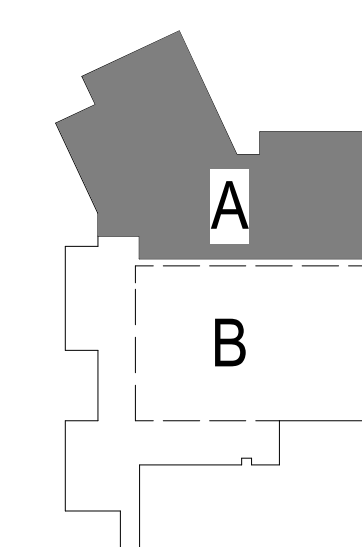


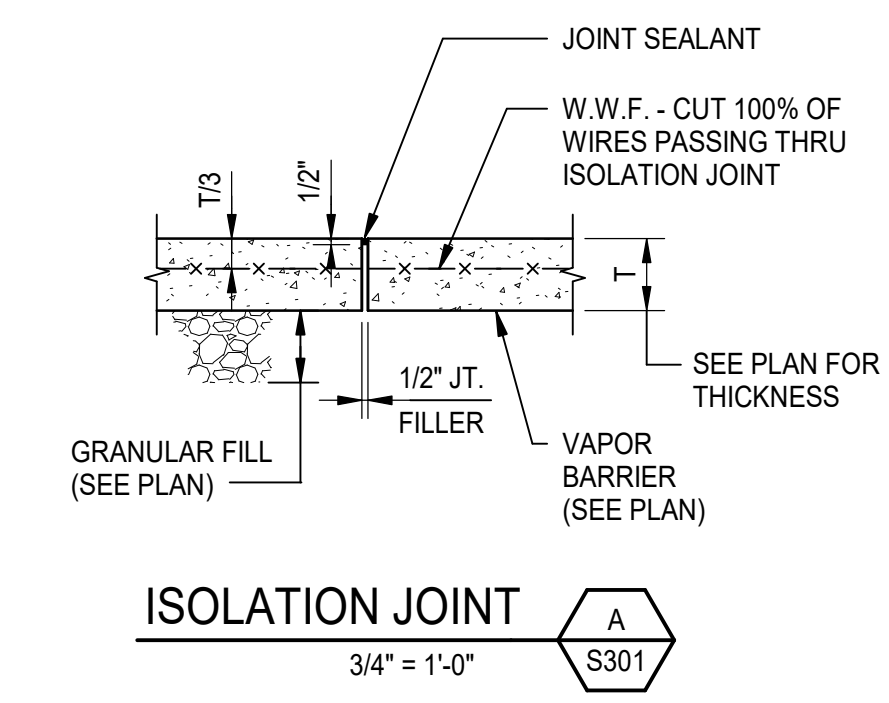
**PARTIAL LOW ROOF FRAMING PLAN**  
1/8" = 1'-0"

**LOW ROOF FRAMING PLAN NOTES:**

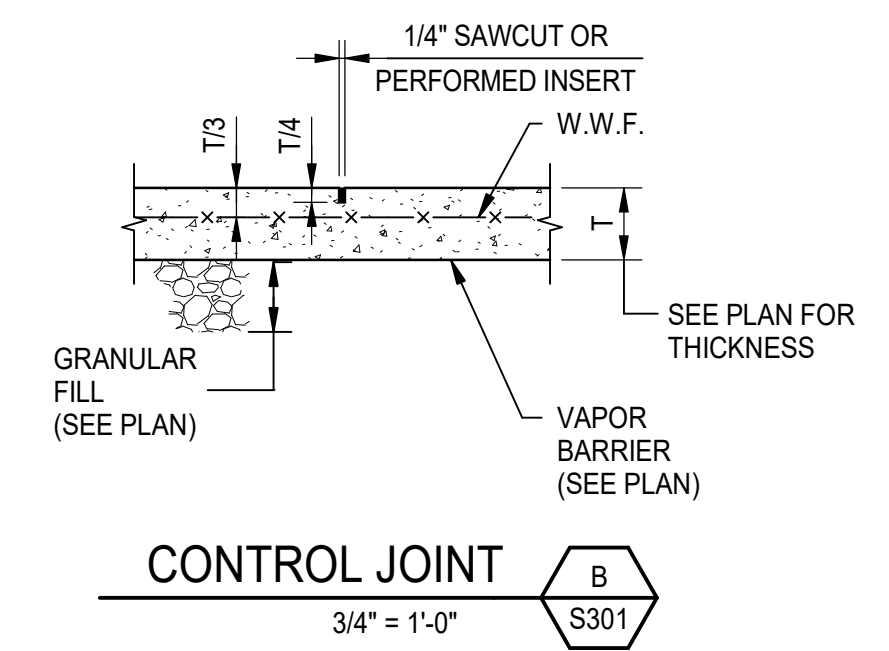
- THE ELEVATION OF THE AUDITORIUM CHAMBER DECK AT HIGHTPOINT IS (+37'-11") AND IS REFERENCED FROM THE PROJECT DATUM.
- EXISTING BUILDING FRAMING INDICATED ON PLAN WERE OBTAINED FROM EXISTING DRAWINGS PREPARED BY CARCATERRA & ASSOCIATES DATED 07/19/1989 AND DOES NOT REFLECT THE RESULT OF FIELD SURVEY OR AS-BUILT CONDITIONS. CONTRACTOR TO CONFIRM EXISTING FRAMING CONDITIONS AND FLOOR ELEVATIONS THAT ARE INDICATED ON PLAN PRIOR TO CONSTRUCTION AND CONTACT ENGINEER IF DISCREPANCIES ARE ENCOUNTERED.
- MEMBERS SHALL BE AT THE FOLLOWING ELEVATIONS, MEASURED FROM THE FRAMING PLAN DATUM +37'-11", UNO:  
TOP OF SLABS (0'-0")  
TOP OF BEAMS (-X'-XX")
- TYPICAL ROOF CONSTRUCTION SHALL CONSIST OF 1 1/2" x 20 GAUGE, TYPE 'B' WIDE RIB, GALVANIZED METAL ROOF DECK.
- NOTATIONS SHOWN ON PLAN INDICATE THE FOLLOWING SEE SCHEDULES ON SHEET S201 FOR ADDITIONAL INFORMATION AND REQUIREMENTS:  
  - ▶ CONTINUITY WELDED MOMENT CONNECTION WITH FULL PENETRATION GROOVE WELDS
  - MPX REINFORCED MASONRY PIER. SEE SCHEDULE AND DETAILS FOR SIZE AND REINFORCEMENT REQUIRED
  - MWX REINFORCED MASONRY WALL TYPE. SEE SCHEDULE AND DETAILS FOR SIZE AND REINFORCEMENT REQUIRED
  - LX LINTEL TYPE INDICATED
  - CX(A) COLUMN ABOVE STARTS AT THIS LEVEL
  - CX(H) COLUMN HANGER STARTS AT ROOF LEVEL
  - MASONRY BLOCK WALLS (ASTM C-90)
  - METAL STUD WALLS. SEE GENERAL NOTES
  - EXISTING MASONRY BLOCK WALLS
- JOISTS AND FILLER BEAMS ARE TO BE EQUALLY SPACED BETWEEN COLUMNS, UNO.
- FOR RTU SUPPORT FRAMING SEE TYPICAL DETAILS, UNLESS NOTED OTHERWISE, MAXIMUM WEIGHT OF RTU = 500 POUNDS AND ARE LOCATED AS SHOWN. CONTACT ENGINEER IF FINAL UNIT LOCATIONS OR WEIGHTS DIFFER FROM THOSE SHOWN PRIOR TO JOIST FABRICATION.
- WHERE INDICATED, PROVIDE L4x4x1/4 CONTINUOUS ANGLE FOR ROOF DECK SUPPORT, ATTACH TO CMU WALLS WITH 3/4" DIAMETER EXPANSION BOLTS AT 2'-0" MAXIMUM (4 3/4" MINIMUM EMBEDMENT), DECK SHALL SPAN PERPENDICULAR BETWEEN ANGLES.
- THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL SLAB EDGES, OPENINGS, PENETRATIONS, SLOPES, RAISED OR DEPRESSED AREAS, CURBS, ETC., WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS, UNO, AND SUBMIT COORDINATED, DETAILED, AND DIMENSIONED SHOP DRAWINGS FOR REVIEW OF ALL SLAB PENETRATIONS.
- FOR ADDITIONAL INFORMATION AND REQUIREMENTS AT TYPICAL FRAMING CONDITIONS, SEE TYPICAL DETAIL AND GENERAL NOTES.
- THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL ROOF OPENINGS AND/OR PENETRATIONS, MECHANICAL UNITS, DUCTWORK, CONDUIT, LINTELS, ETC. WITH THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS.
- CONTRACTOR SHALL COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION.
- EXISTING CONSTRUCTION IS SHOWN HALF-TONED. REFER TO THE EXISTING CONSTRUCTION GENERAL NOTES FOR ADDITIONAL INFORMATION.
- ROOF JOIST DESIGNATED ON PLAN THUS: XXDLHSPX SHALL BE DESIGNED FOR SPECIAL LOADING. REFER TO LOADING DIAGRAM ON SHEETS S601 AND S602 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- FOR EXACT LOCATION OF FOLDING PARTITION SEE ARCHITECTURAL DRAWINGS AND MANUFACTURER DRAWINGS. STRUCTURAL STEEL SUPPLIER SHALL PROVIDE ADDITIONAL SUPPORT FRAMING AT STACKED END OF PARTITIONS PER PARTITION MANUFACTURE REQUIREMENTS.
- CONTRACTOR SHALL COORDINATE LOCATION AND ALIGN HANGERS AND KICKERS WITH VERTICAL MEMBER OF ROOF JOIST. MAXIMUM SPACING OF HANGERS AND KICKERS SHALL BE 8'-0" / 12'-0" MAX RESPECTIVELY.
- PROVIDE WOOD BLOCKING AND ATTACHMENT TO METAL STUD WALL FOR SUPPORT OF ROOF LADDER TO BE DESIGNED BY LADDER MANUFACTURER. METAL STUD MANUFACTURER SHALL DESIGN METAL STUD FRAMING TO SUPPORT LADDER DESIGN LOADS AS REQUIRED. SEE ARCHITECTURAL DRAWINGS FOR EXACT LADDER LOCATION AND ADDITIONAL INFORMATION AND REQUIREMENTS.

**KEY PLAN**

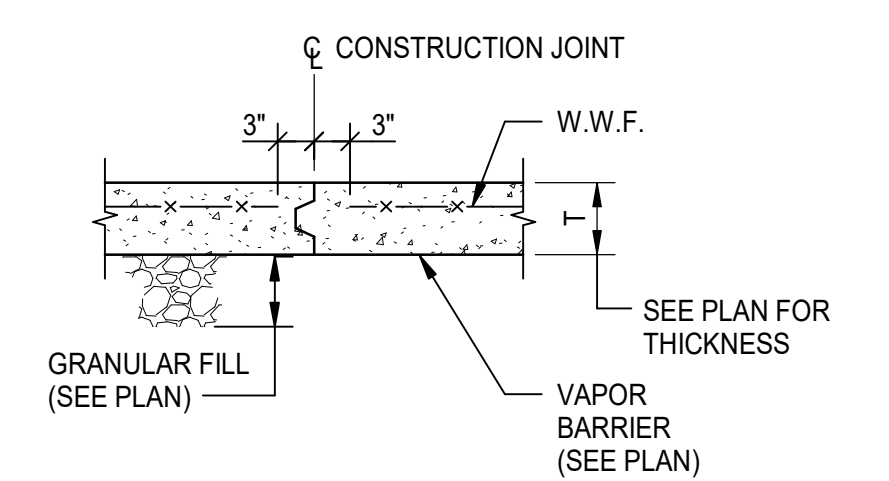




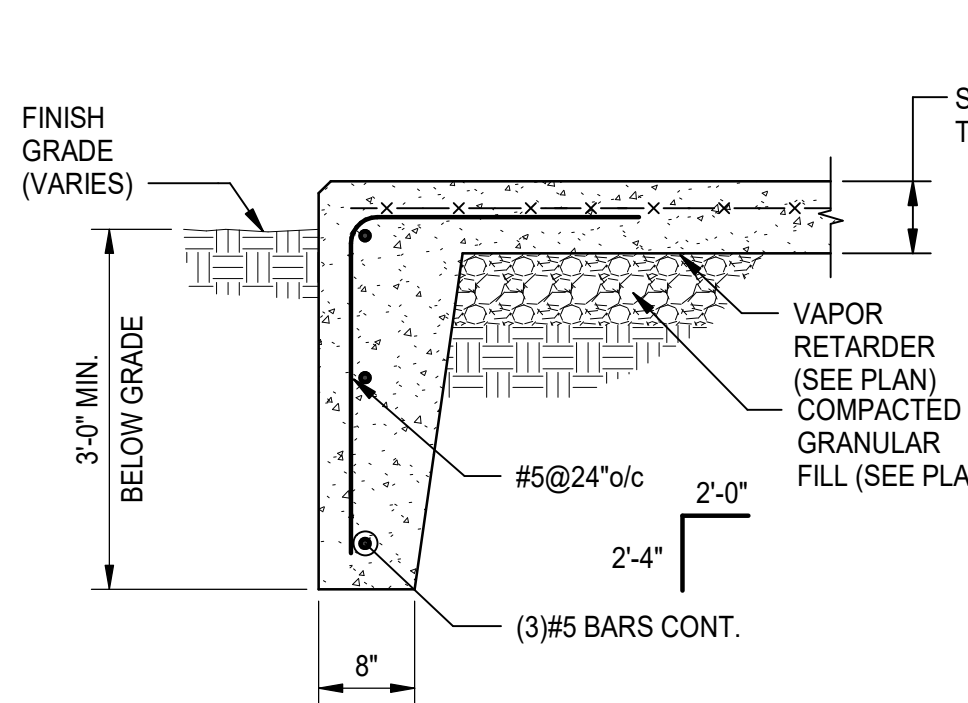
NOTE:  
1. ISOLATION JOINT SHALL CARRY THROUGH FULL DEPTH OF BASE SLAB AND TOPPING SLAB (IF REQUIRED).



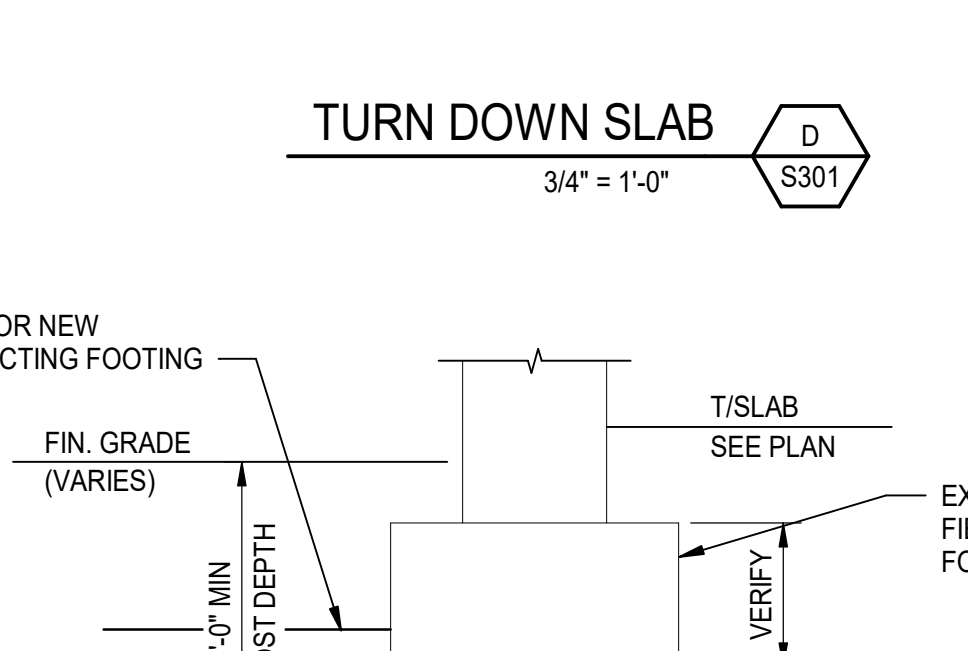
NOTES:  
1. CUT ALTERNATE WIRES CROSSING JOINT.  
2. SAW-CUT CONTROL JOINTS ARE LOCATED ON PLAN.  
3. SAW-CUTTING SHALL BE STARTED AS SOON AS THE CONCRETE HAS HARDENED SUFFICIENTLY TO PREVENT AGGREGATE BEING DISLODGED BY THE SAW AND WHEN THE EDGES OF THE CUT DO NOT RAVEL.



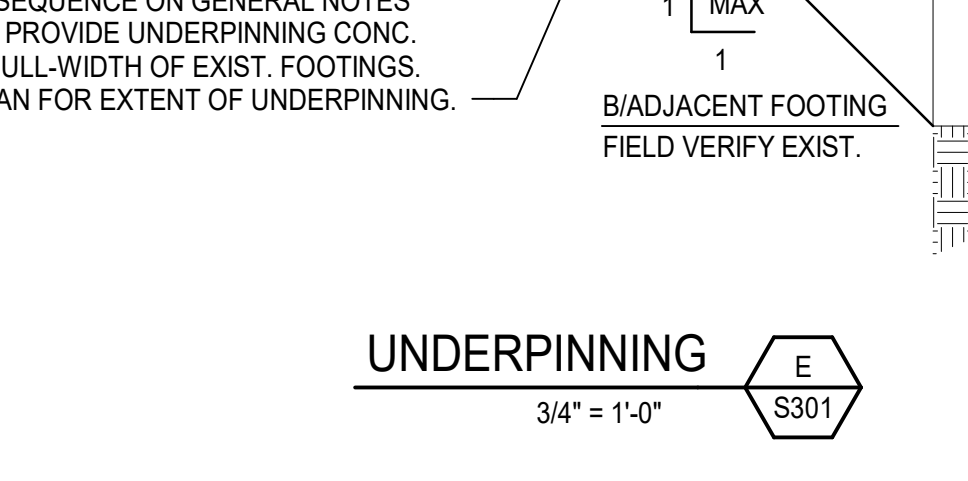
NOTE:  
1. CONSTRUCTION JOINT TO BE LOCATED AT ALL CONTROL JOINTS.



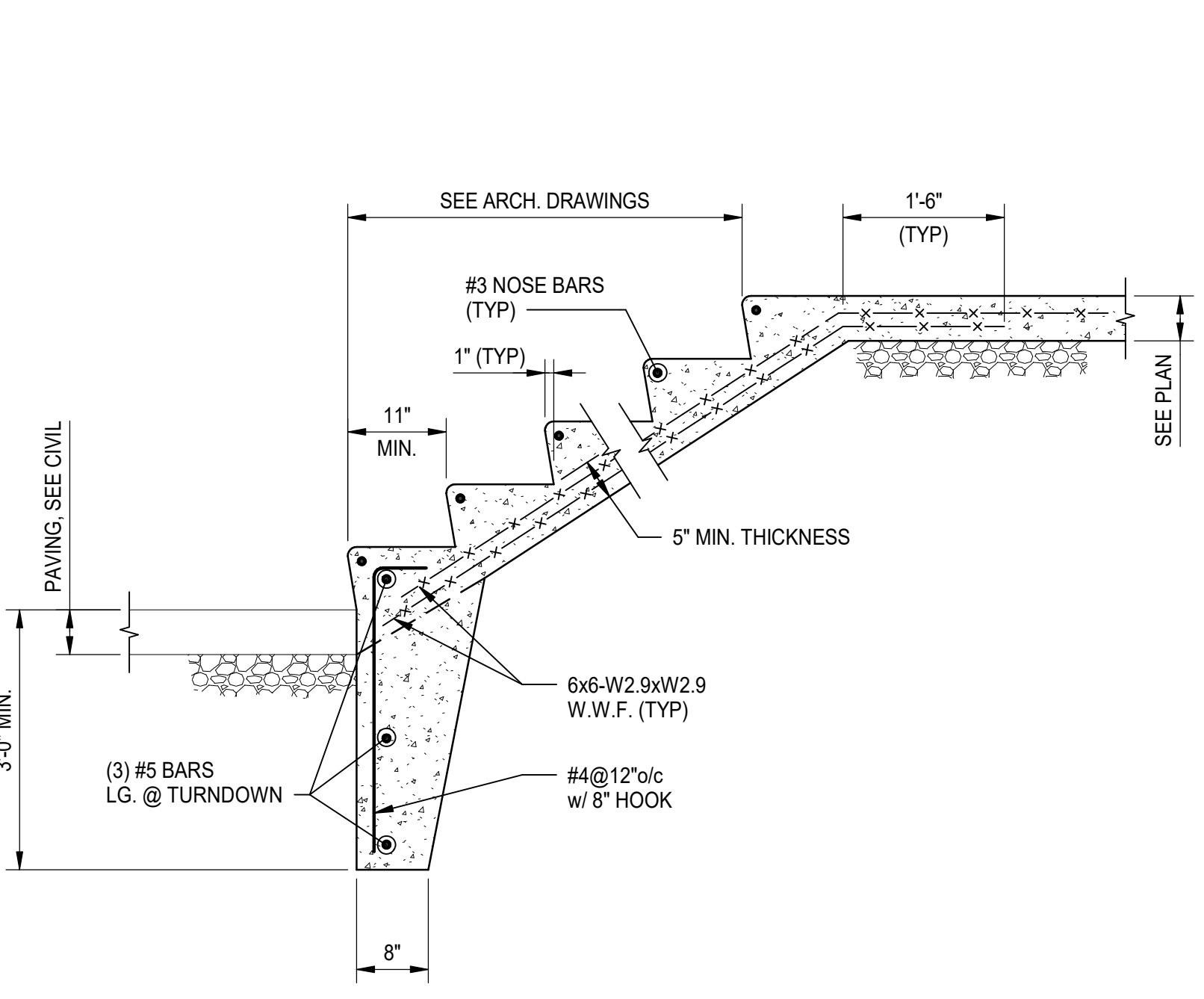
EXIST. OR NEW CONNECTING FOOTING  
FIN. GRADE (VARIES)  
3'-0" MIN. FROST DEPTH



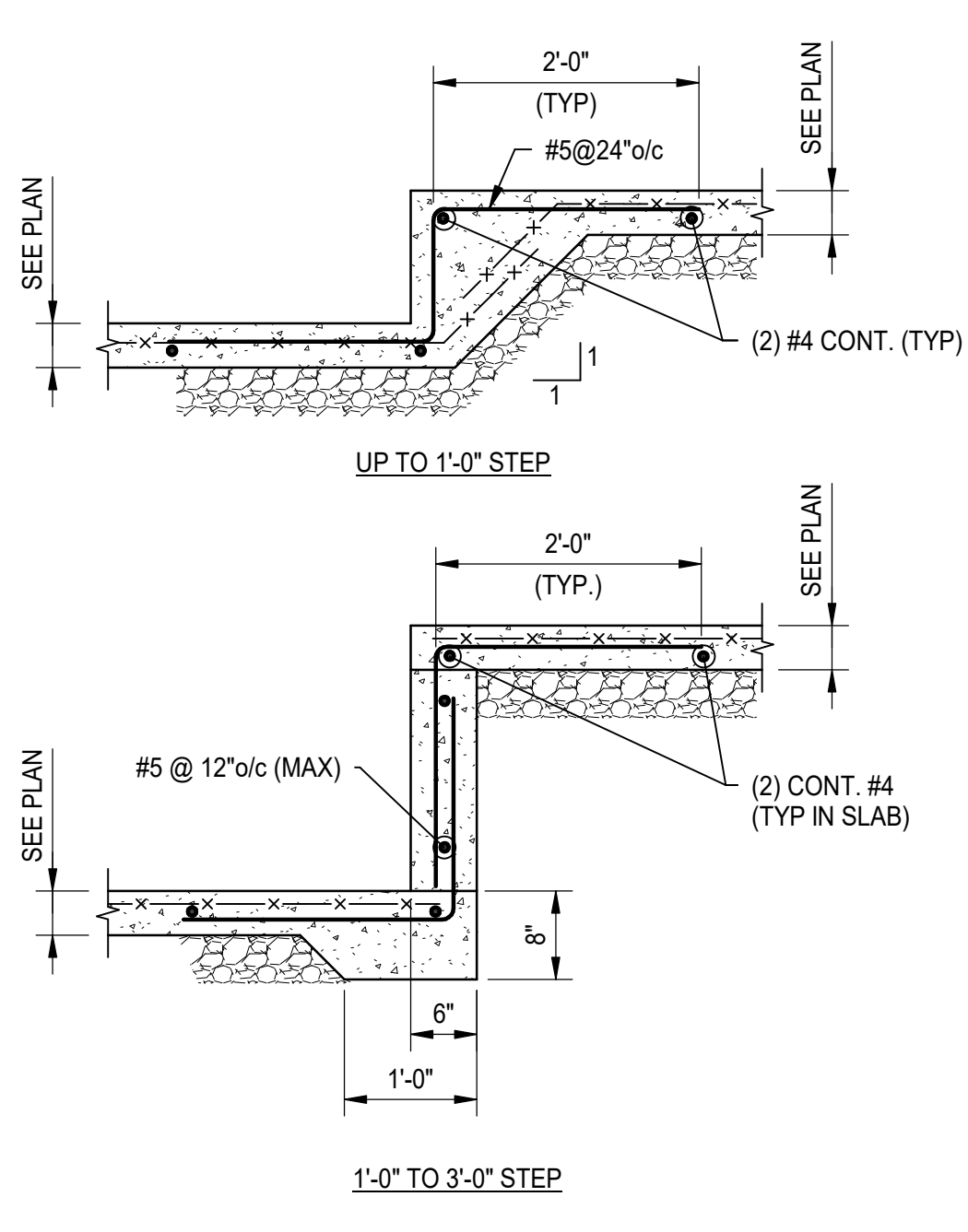
NOTE:  
1. REFER TO GENERAL NOTES AND SPECIFICATION SECTION 02 25 00 FOR ADDITIONAL UNDERPINNING INFORMATION AND REQUIREMENTS.



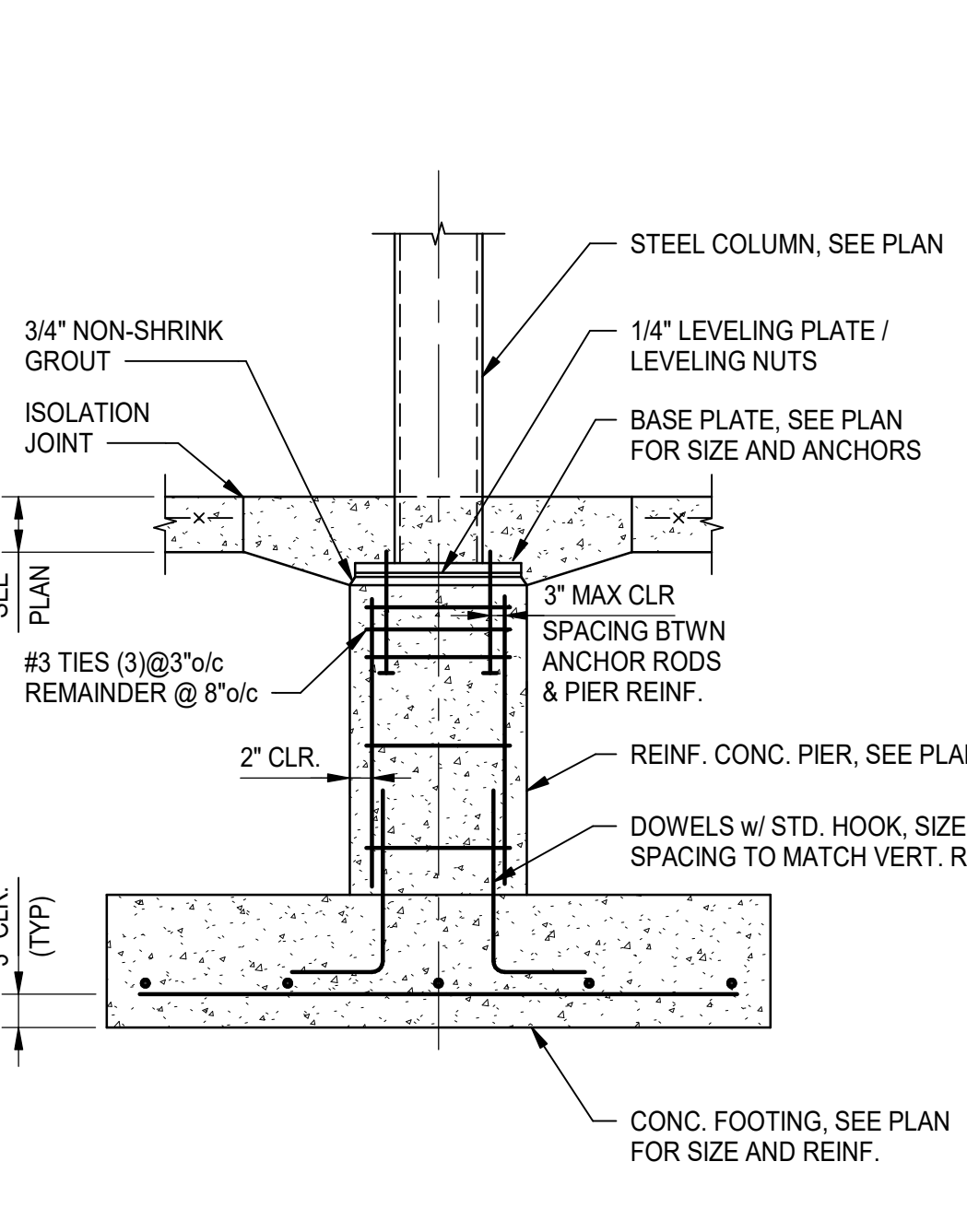
NOTE:  
1. USE AS REQUIRED IN FIELD.



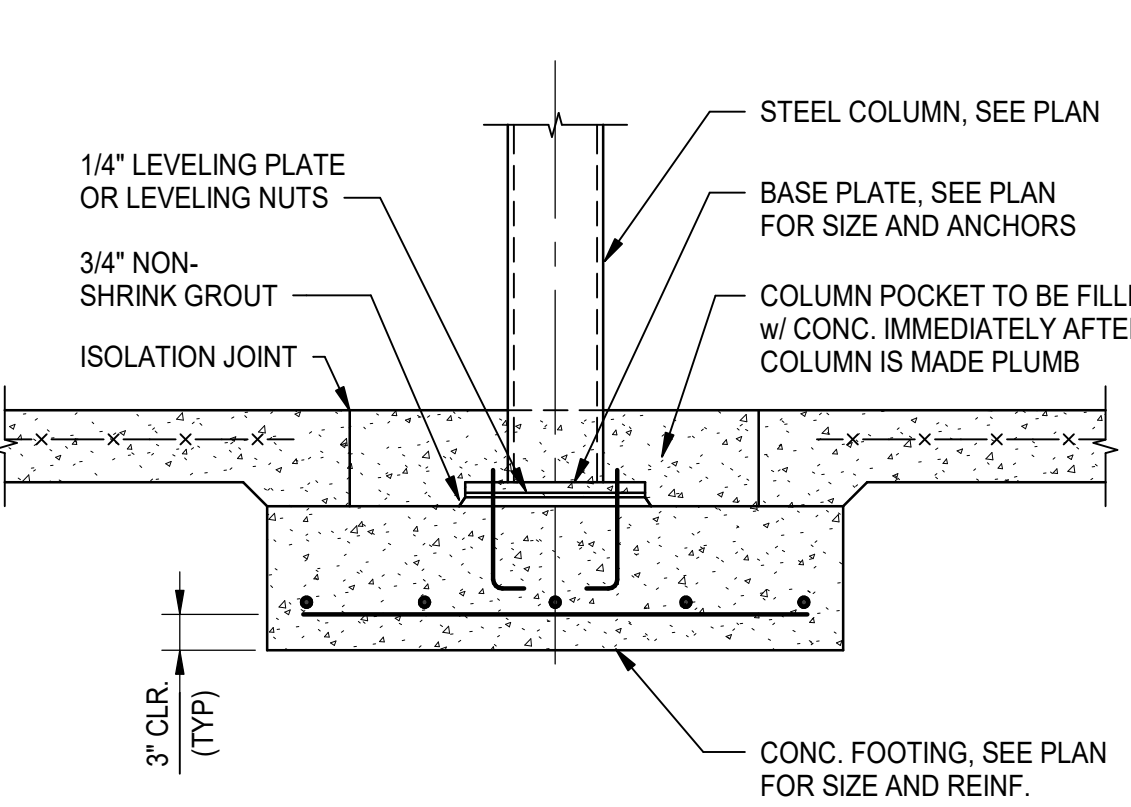
NOTE:  
1. PROVIDE 8" MIN. CONCRETE TURN-DOWN OR MASONRY SIDE WALLS AS REQUIRED REINFORCED w/ #4@12"o/c EACH WAY AT CONCRETE TURN-DOWN AND 16"o/c AT MASONRY SIDE WALLS. SHORE WALLS AS REQUIRED UNTIL STAIRS HAVE CURED 7 DAYS. REFER TO TYPICAL DETAILS AND GENERAL NOTES FOR FOOTING REQUIREMENTS AT MASONRY SIDE WALLS.  
2. KEY SLAB INTO SIDE WALLS 2" MIN. SECURE SLAB TO SIDE WALLS w/ #4 2"o/c DOWELS AT 12"o/c AT CONCRETE TURN-DOWN AND 16"o/c AT MASONRY SIDE WALLS (SIM. CONDITION AT RAMPS).



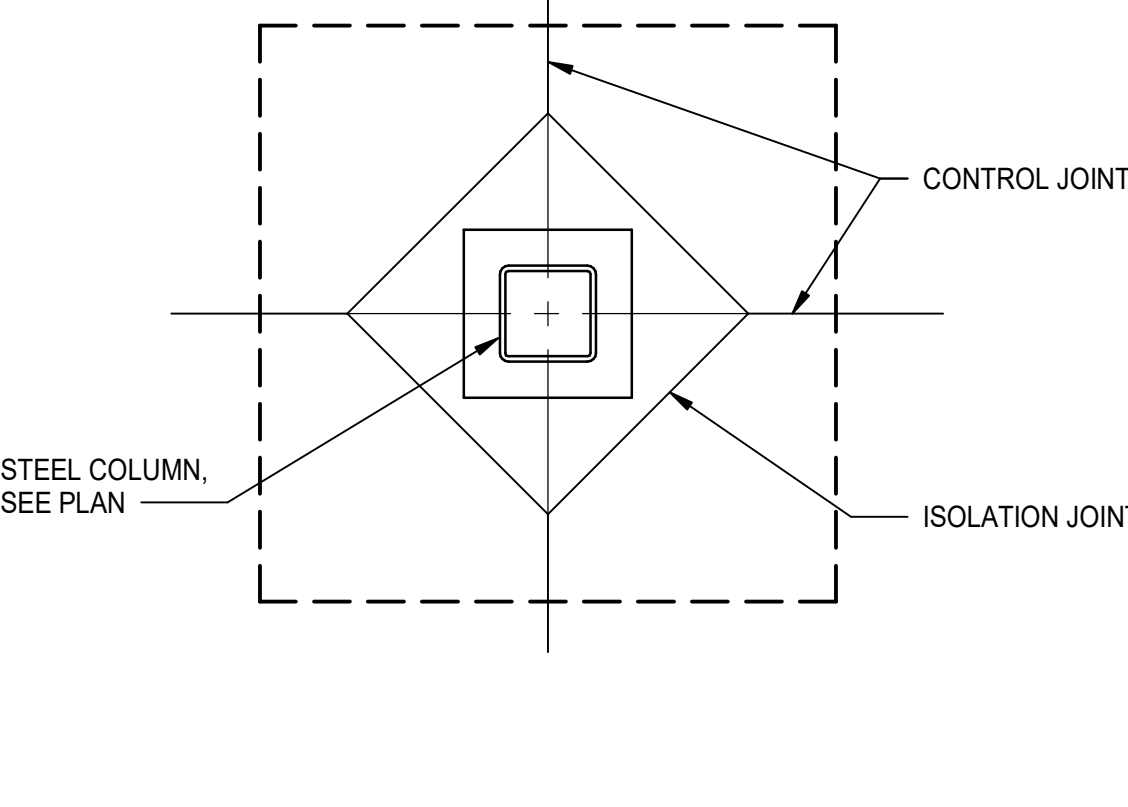
NOTE:  
1. PROVIDE 8" MIN. CONCRETE TURN-DOWN OR MASONRY SIDE WALLS AS REQUIRED REINFORCED w/ #4@12"o/c EACH WAY AT CONCRETE TURN-DOWN AND 16"o/c AT MASONRY SIDE WALLS. SHORE WALLS AS REQUIRED UNTIL STAIRS HAVE CURED 7 DAYS. REFER TO TYPICAL DETAILS AND GENERAL NOTES FOR FOOTING REQUIREMENTS AT MASONRY SIDE WALLS.  
2. KEY SLAB INTO SIDE WALLS 2" MIN. SECURE SLAB TO SIDE WALLS w/ #4 2"o/c DOWELS AT 12"o/c AT CONCRETE TURN-DOWN AND 16"o/c AT MASONRY SIDE WALLS (SIM. CONDITION AT RAMPS).



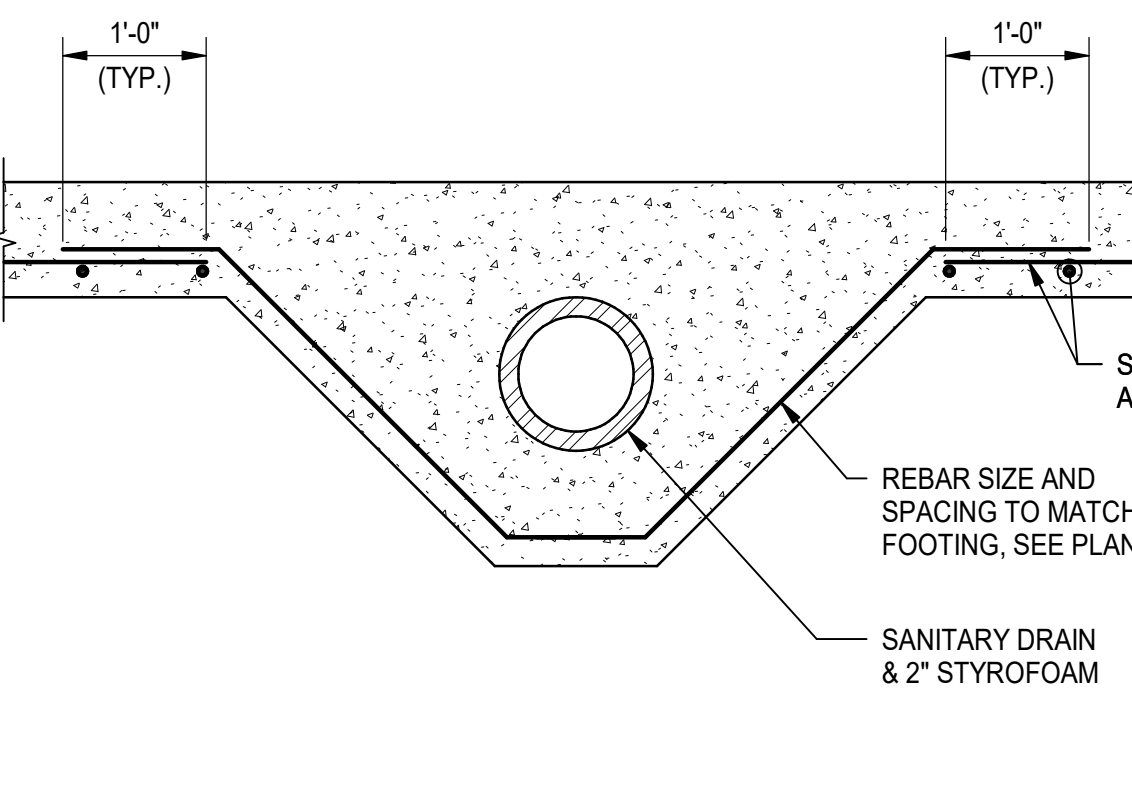
NOTE:  
1. PROVIDE 8" MIN. CONCRETE TURN-DOWN OR MASONRY SIDE WALLS AS REQUIRED REINFORCED w/ #4@12"o/c EACH WAY AT CONCRETE TURN-DOWN AND 16"o/c AT MASONRY SIDE WALLS. SHORE WALLS AS REQUIRED UNTIL STAIRS HAVE CURED 7 DAYS. REFER TO TYPICAL DETAILS AND GENERAL NOTES FOR FOOTING REQUIREMENTS AT MASONRY SIDE WALLS.  
2. KEY SLAB INTO SIDE WALLS 2" MIN. SECURE SLAB TO SIDE WALLS w/ #4 2"o/c DOWELS AT 12"o/c AT CONCRETE TURN-DOWN AND 16"o/c AT MASONRY SIDE WALLS (SIM. CONDITION AT RAMPS).



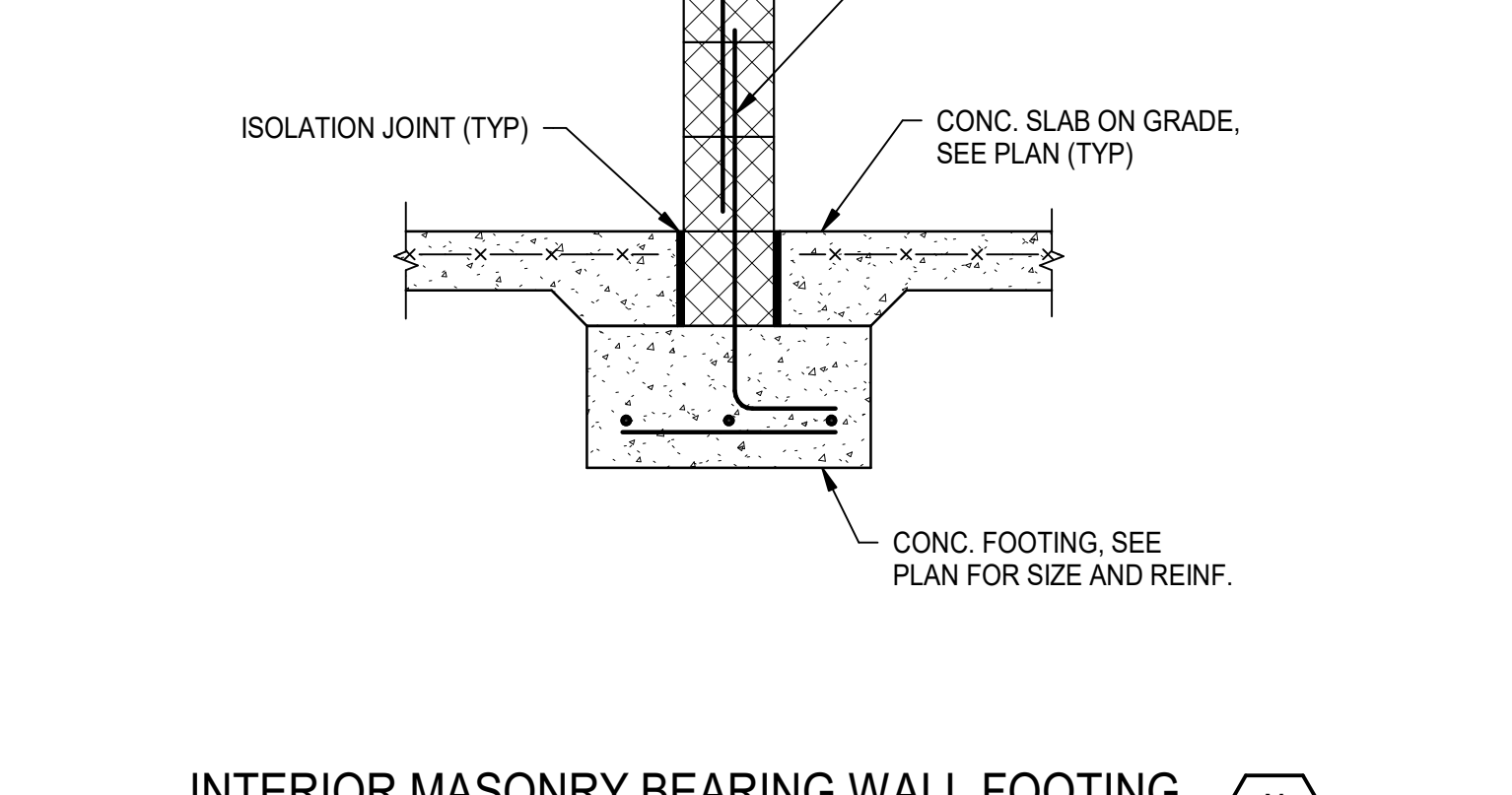
NOTE:  
1. PROVIDE 8" MIN. CONCRETE TURN-DOWN OR MASONRY SIDE WALLS AS REQUIRED REINFORCED w/ #4@12"o/c EACH WAY AT CONCRETE TURN-DOWN AND 16"o/c AT MASONRY SIDE WALLS. SHORE WALLS AS REQUIRED UNTIL STAIRS HAVE CURED 7 DAYS. REFER TO TYPICAL DETAILS AND GENERAL NOTES FOR FOOTING REQUIREMENTS AT MASONRY SIDE WALLS.  
2. KEY SLAB INTO SIDE WALLS 2" MIN. SECURE SLAB TO SIDE WALLS w/ #4 2"o/c DOWELS AT 12"o/c AT CONCRETE TURN-DOWN AND 16"o/c AT MASONRY SIDE WALLS (SIM. CONDITION AT RAMPS).



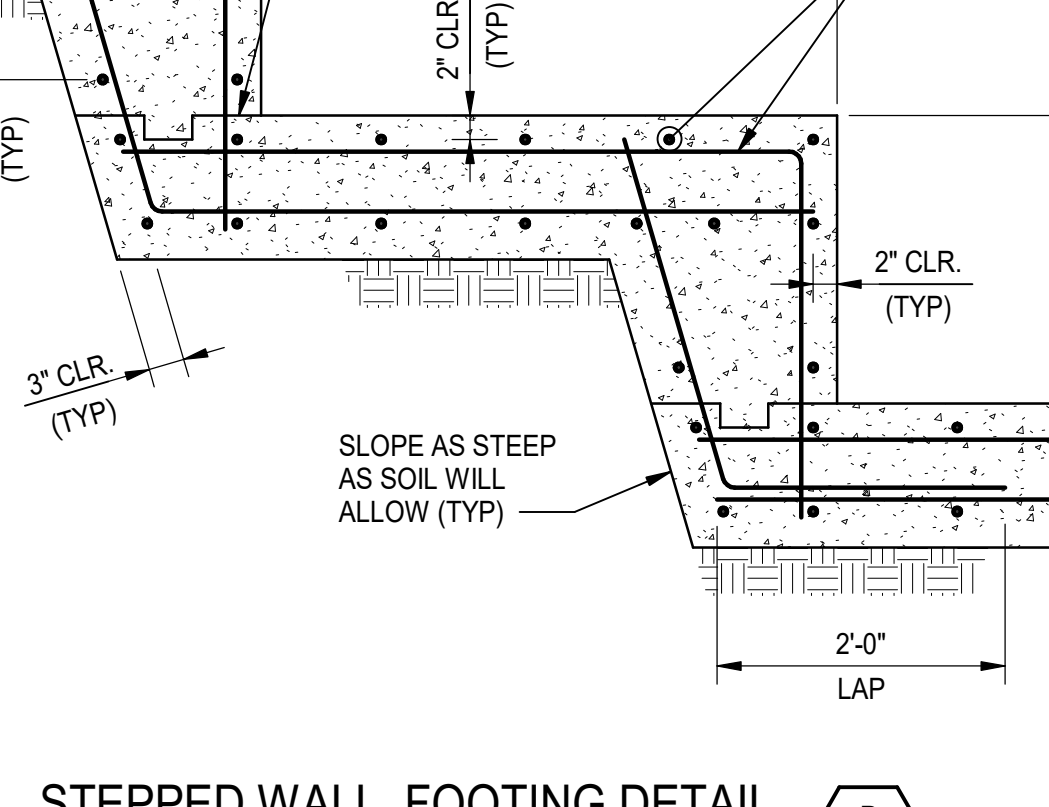
NOTE:  
1. PROVIDE 8" MIN. CONCRETE TURN-DOWN OR MASONRY SIDE WALLS AS REQUIRED REINFORCED w/ #4@12"o/c EACH WAY AT CONCRETE TURN-DOWN AND 16"o/c AT MASONRY SIDE WALLS. SHORE WALLS AS REQUIRED UNTIL STAIRS HAVE CURED 7 DAYS. REFER TO TYPICAL DETAILS AND GENERAL NOTES FOR FOOTING REQUIREMENTS AT MASONRY SIDE WALLS.  
2. KEY SLAB INTO SIDE WALLS 2" MIN. SECURE SLAB TO SIDE WALLS w/ #4 2"o/c DOWELS AT 12"o/c AT CONCRETE TURN-DOWN AND 16"o/c AT MASONRY SIDE WALLS (SIM. CONDITION AT RAMPS).



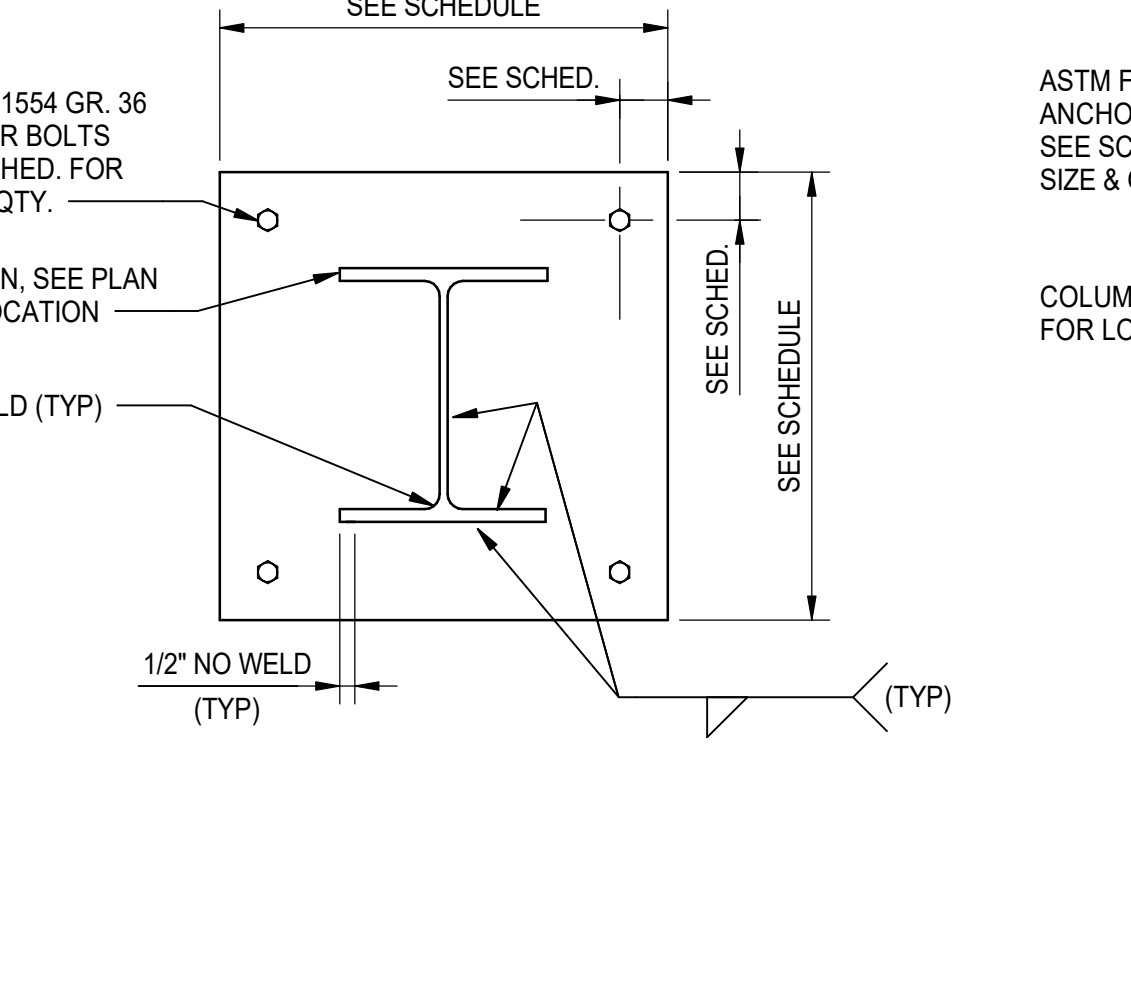
NOTE:  
1. USE AS REQUIRED IN FIELD.



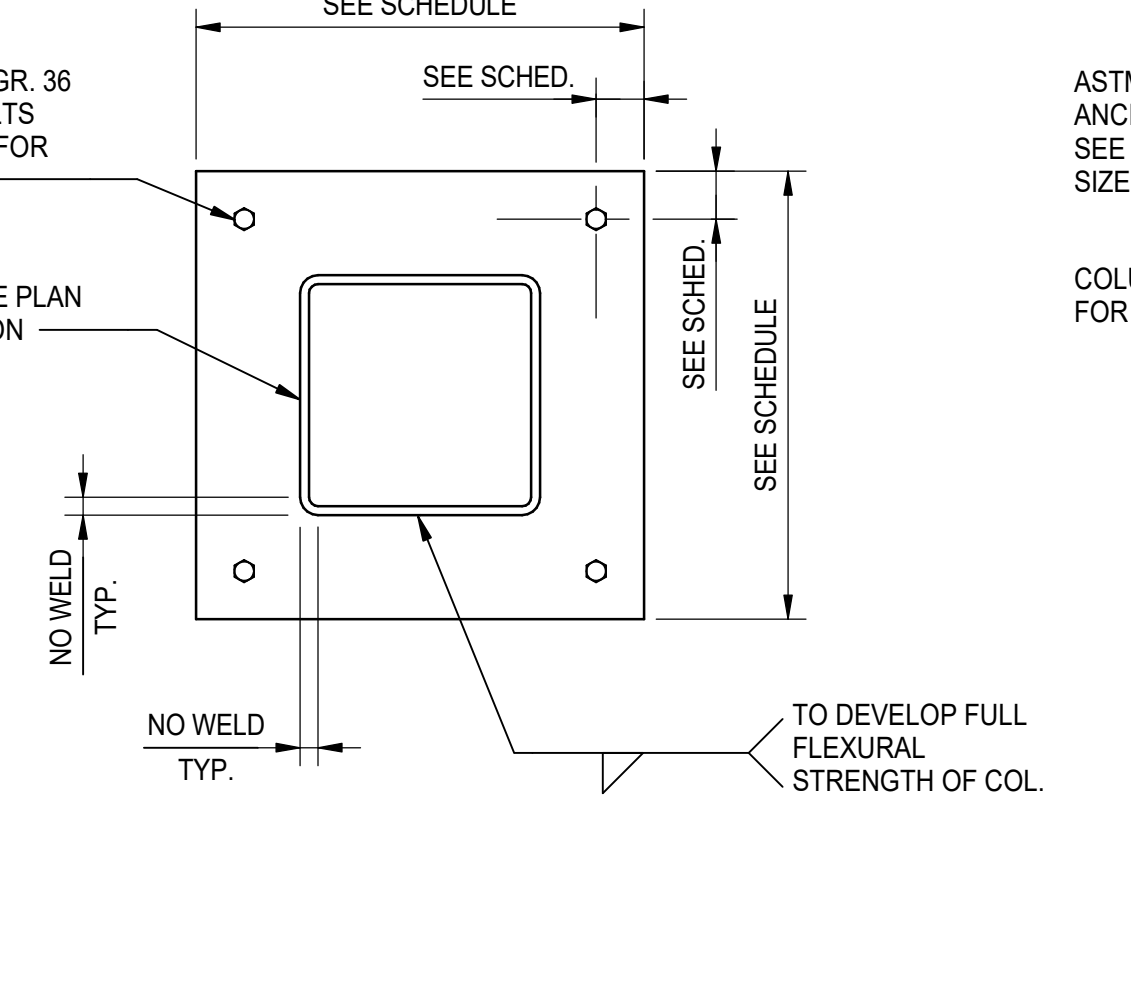
NOTE:  
1. PROVIDE 8" MIN. CONCRETE TURN-DOWN OR MASONRY SIDE WALLS AS REQUIRED REINFORCED w/ #4@12"o/c EACH WAY AT CONCRETE TURN-DOWN AND 16"o/c AT MASONRY SIDE WALLS. SHORE WALLS AS REQUIRED UNTIL STAIRS HAVE CURED 7 DAYS. REFER TO TYPICAL DETAILS AND GENERAL NOTES FOR FOOTING REQUIREMENTS AT MASONRY SIDE WALLS.  
2. KEY SLAB INTO SIDE WALLS 2" MIN. SECURE SLAB TO SIDE WALLS w/ #4 2"o/c DOWELS AT 12"o/c AT CONCRETE TURN-DOWN AND 16"o/c AT MASONRY SIDE WALLS (SIM. CONDITION AT RAMPS).



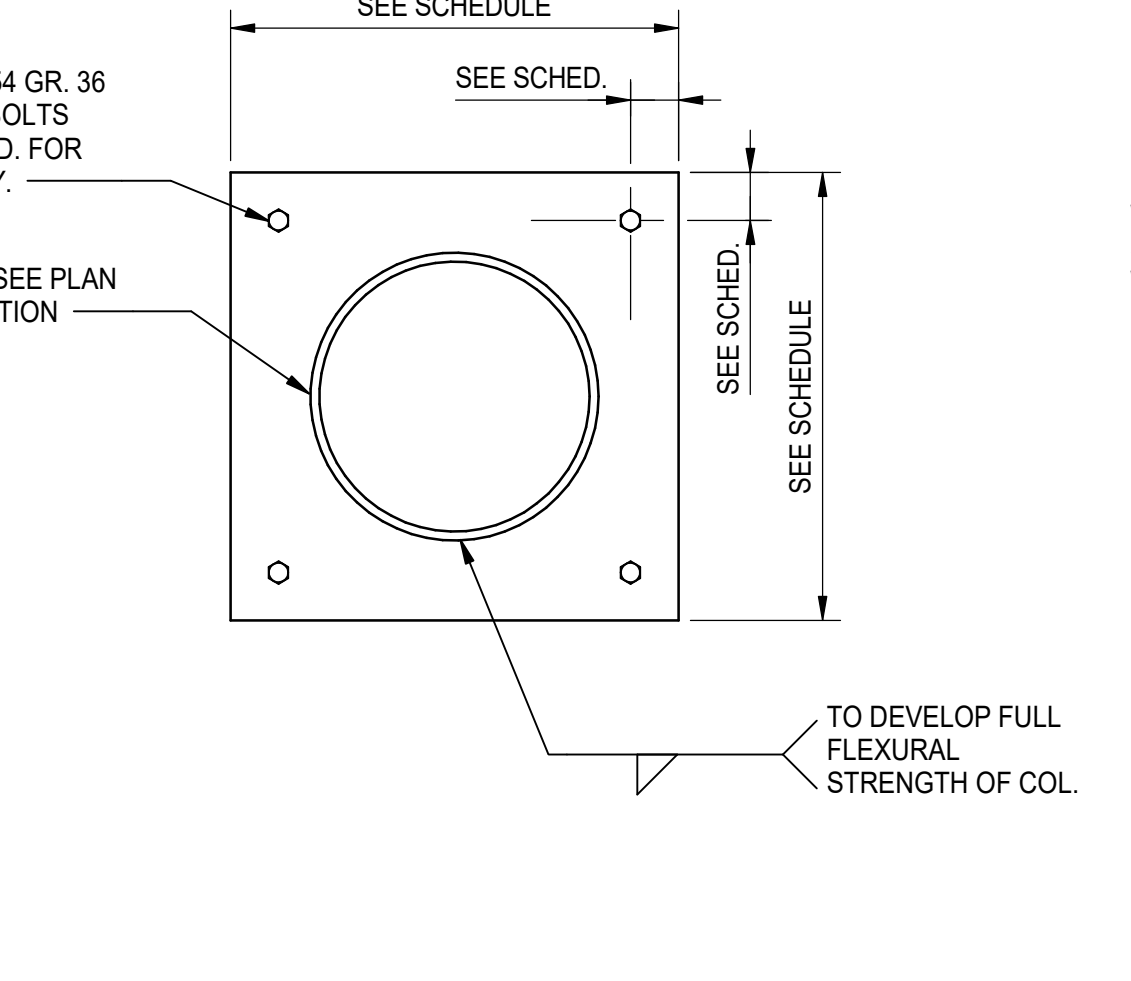
NOTE:  
1. PROVIDE 8" MIN. CONCRETE TURN-DOWN OR MASONRY SIDE WALLS AS REQUIRED REINFORCED w/ #4@12"o/c EACH WAY AT CONCRETE TURN-DOWN AND 16"o/c AT MASONRY SIDE WALLS. SHORE WALLS AS REQUIRED UNTIL STAIRS HAVE CURED 7 DAYS. REFER TO TYPICAL DETAILS AND GENERAL NOTES FOR FOOTING REQUIREMENTS AT MASONRY SIDE WALLS.  
2. KEY SLAB INTO SIDE WALLS 2" MIN. SECURE SLAB TO SIDE WALLS w/ #4 2"o/c DOWELS AT 12"o/c AT CONCRETE TURN-DOWN AND 16"o/c AT MASONRY SIDE WALLS (SIM. CONDITION AT RAMPS).



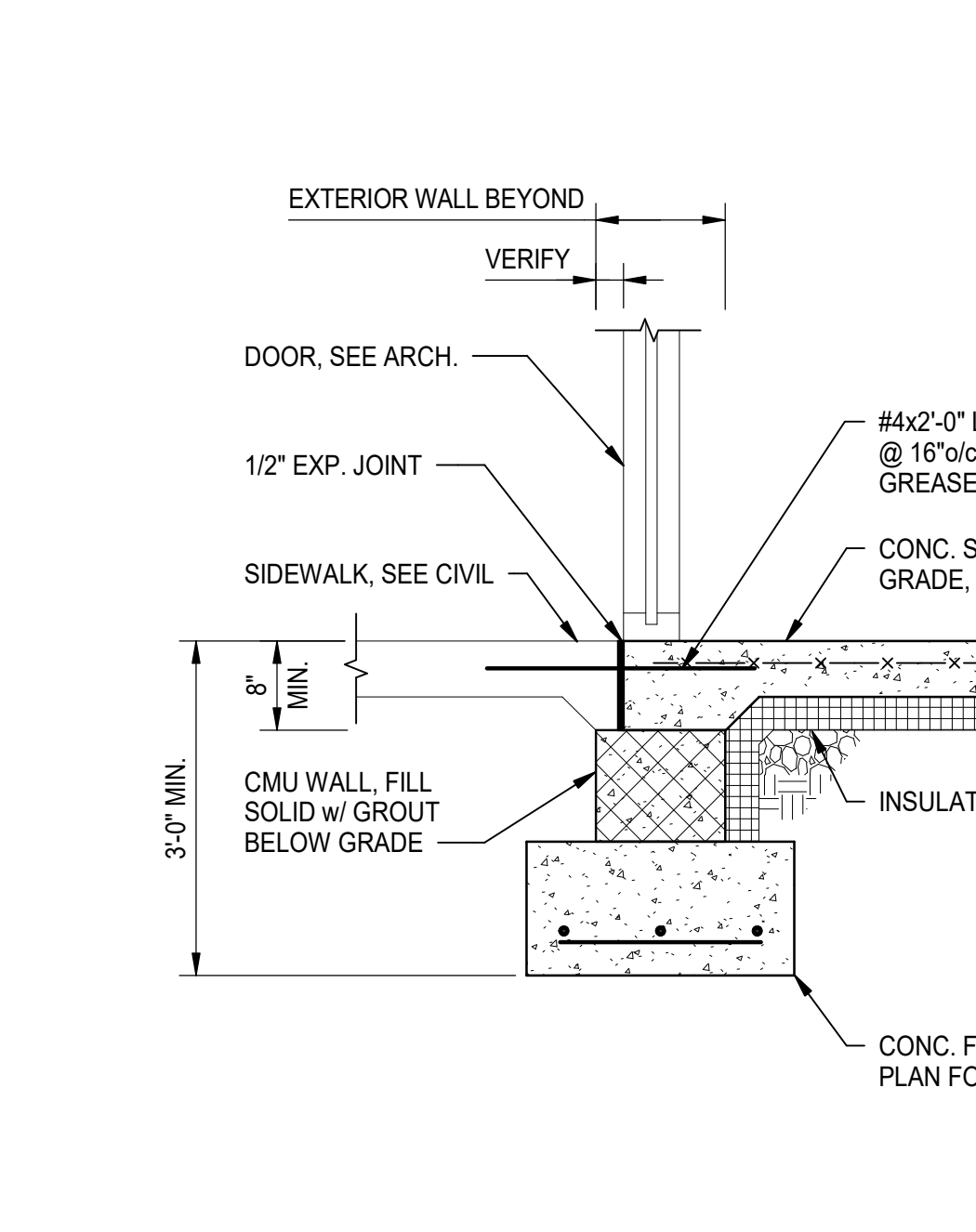
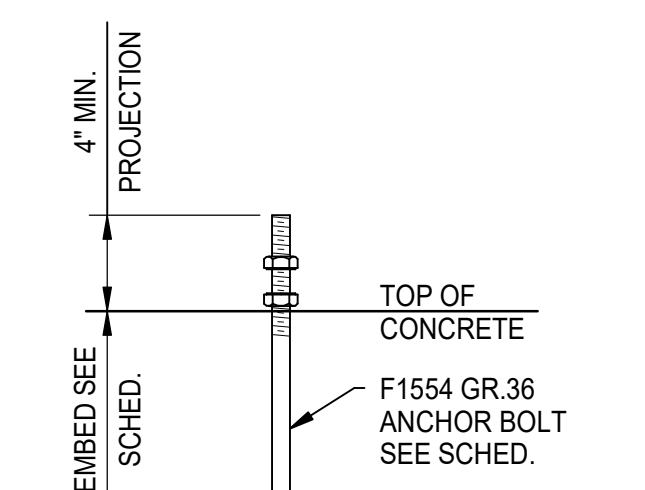
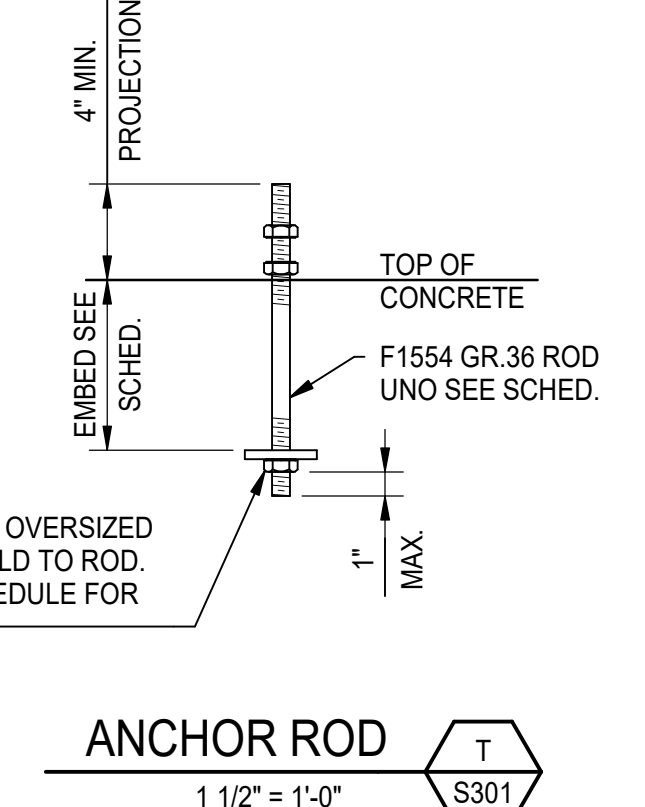
NOTE:  
1. PROVIDE LEVELING NUTS OR 1/4" LEVELING PLATE FOR ADJUSTMENT OF COLUMN.  
2. SET BASE PLATE ON 3/4" NON-SHRINK GROUT.



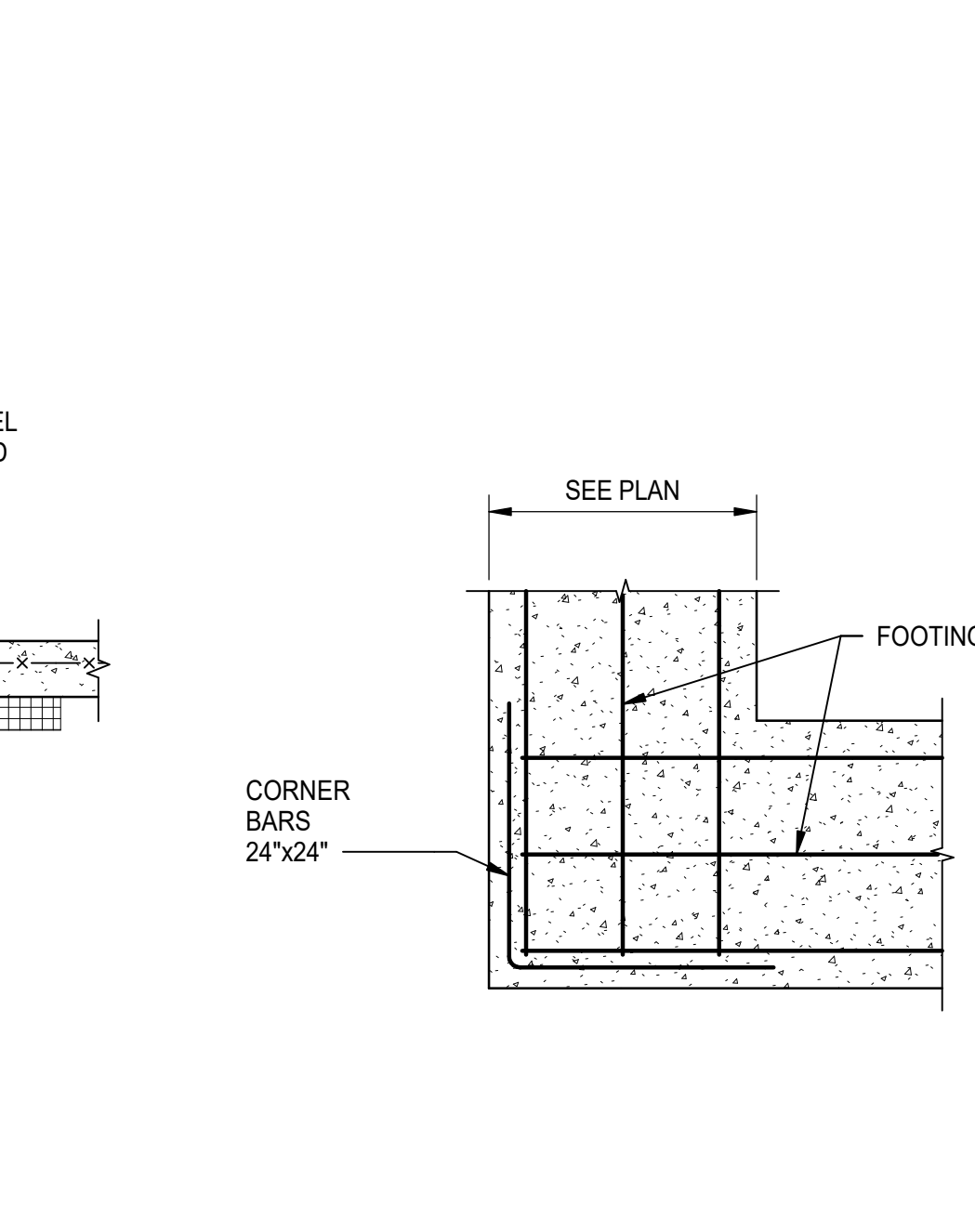
NOTE:  
1. PROVIDE LEVELING NUTS OR 1/4" LEVELING PLATE FOR ADJUSTMENT OF COLUMN.  
2. SET BASE PLATE ON 3/4" NON-SHRINK GROUT.



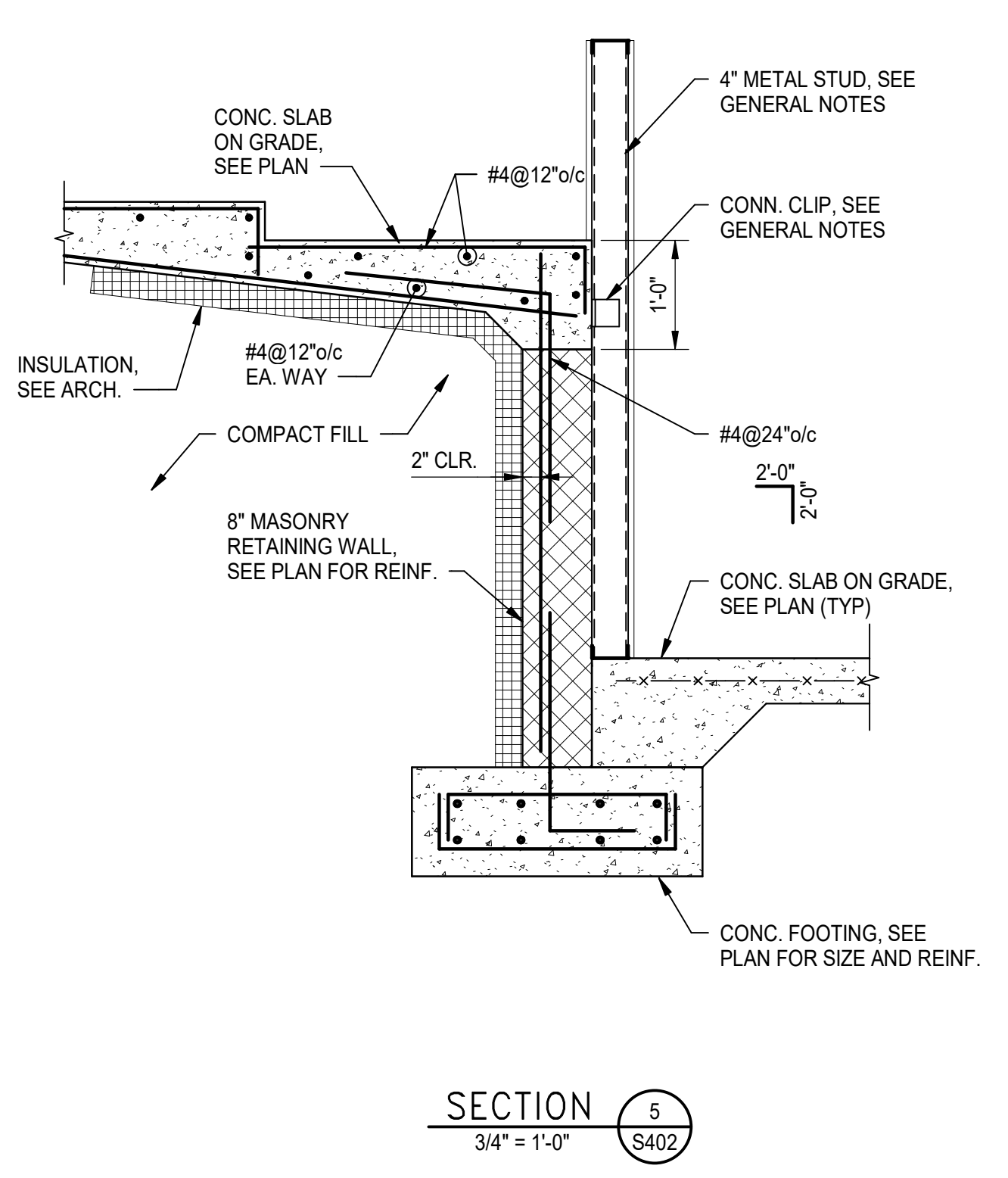
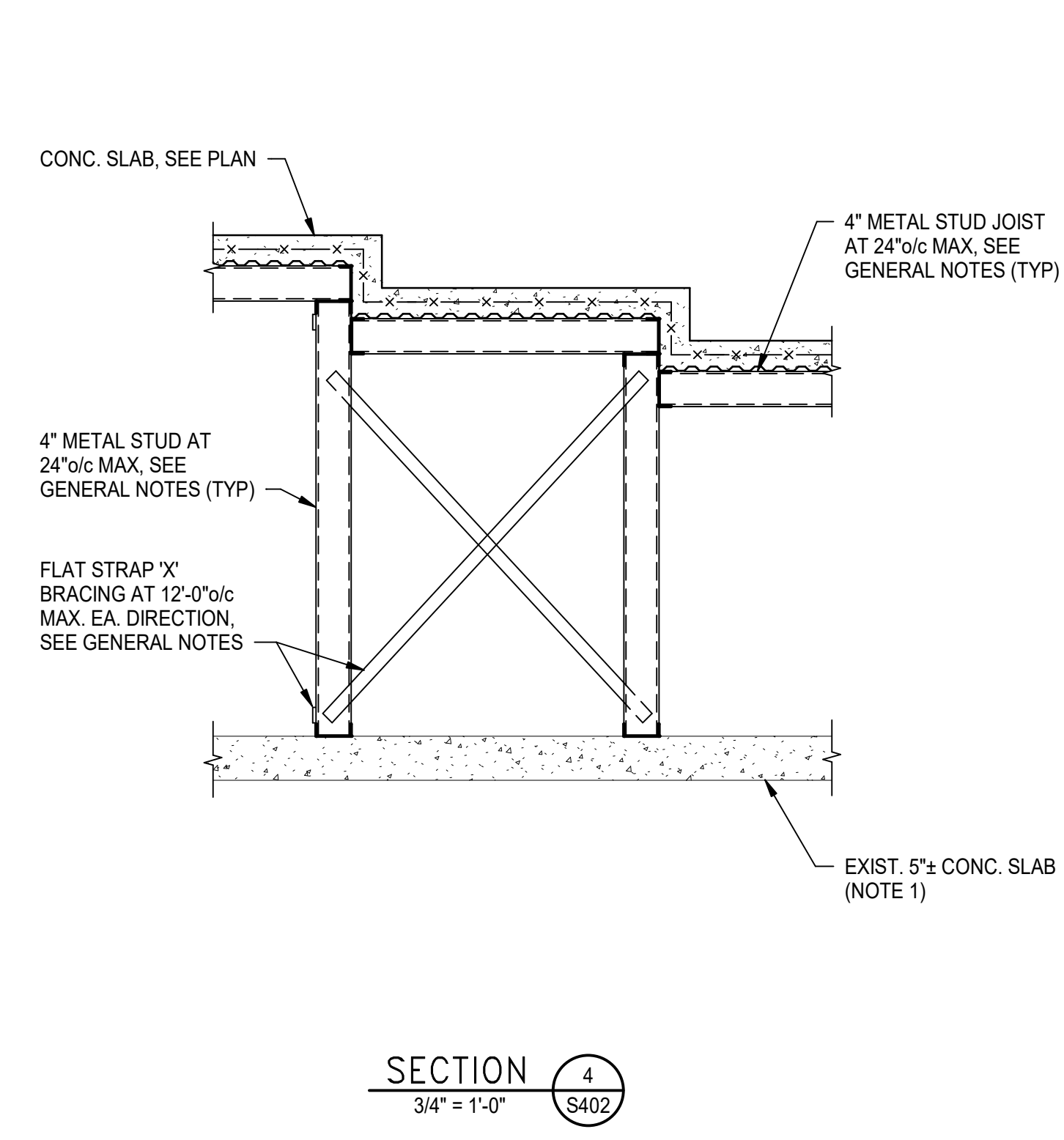
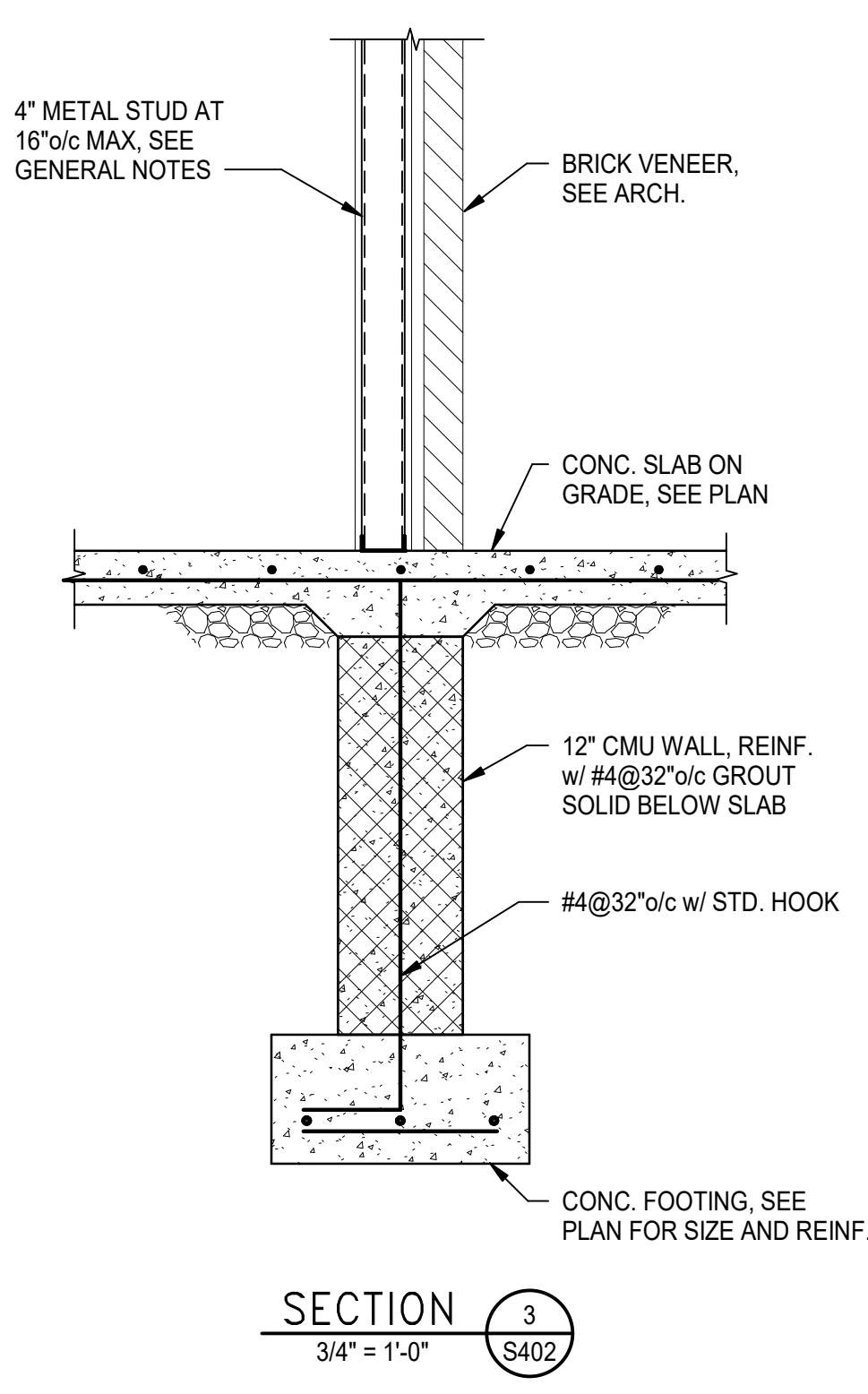
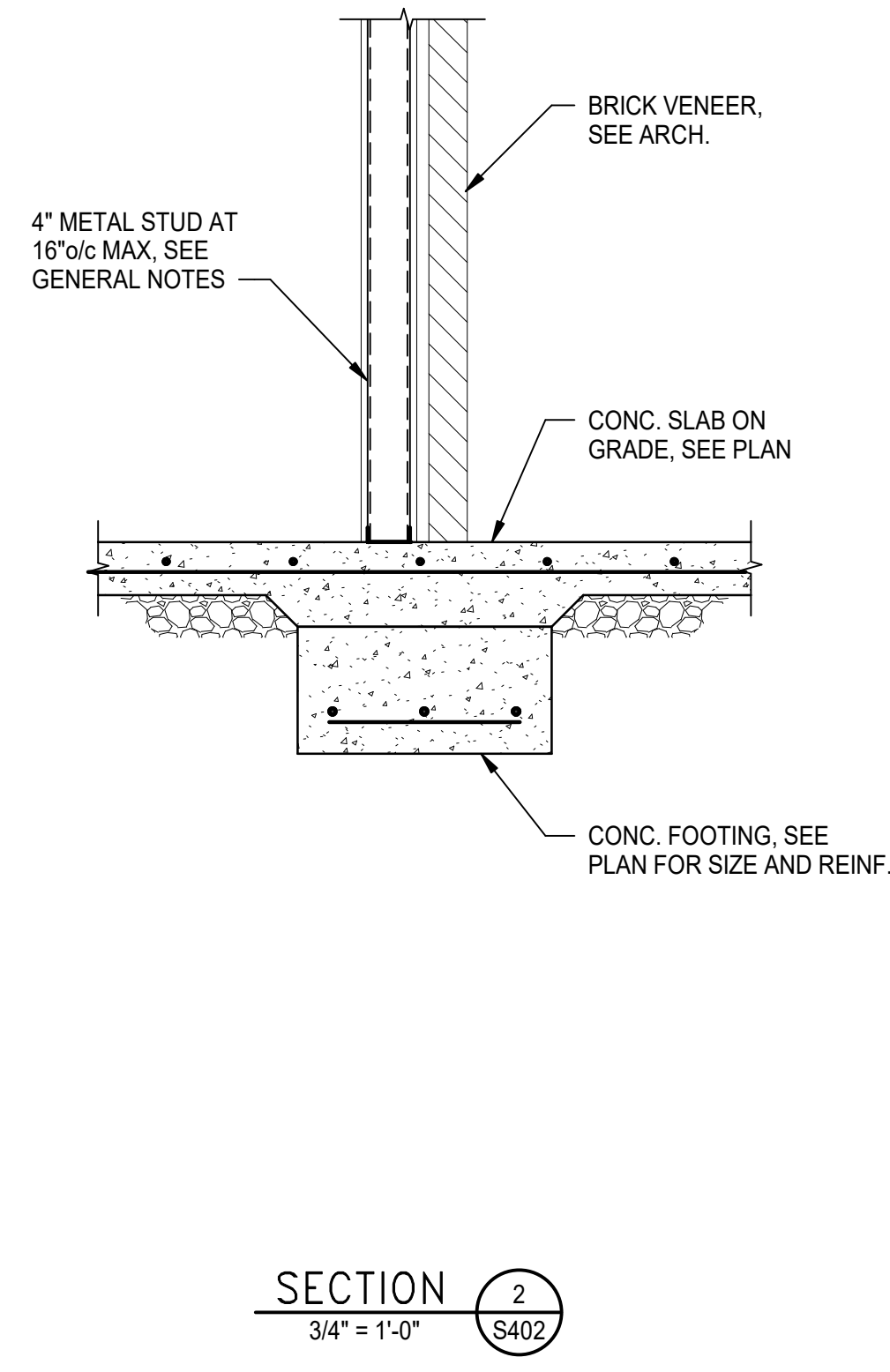
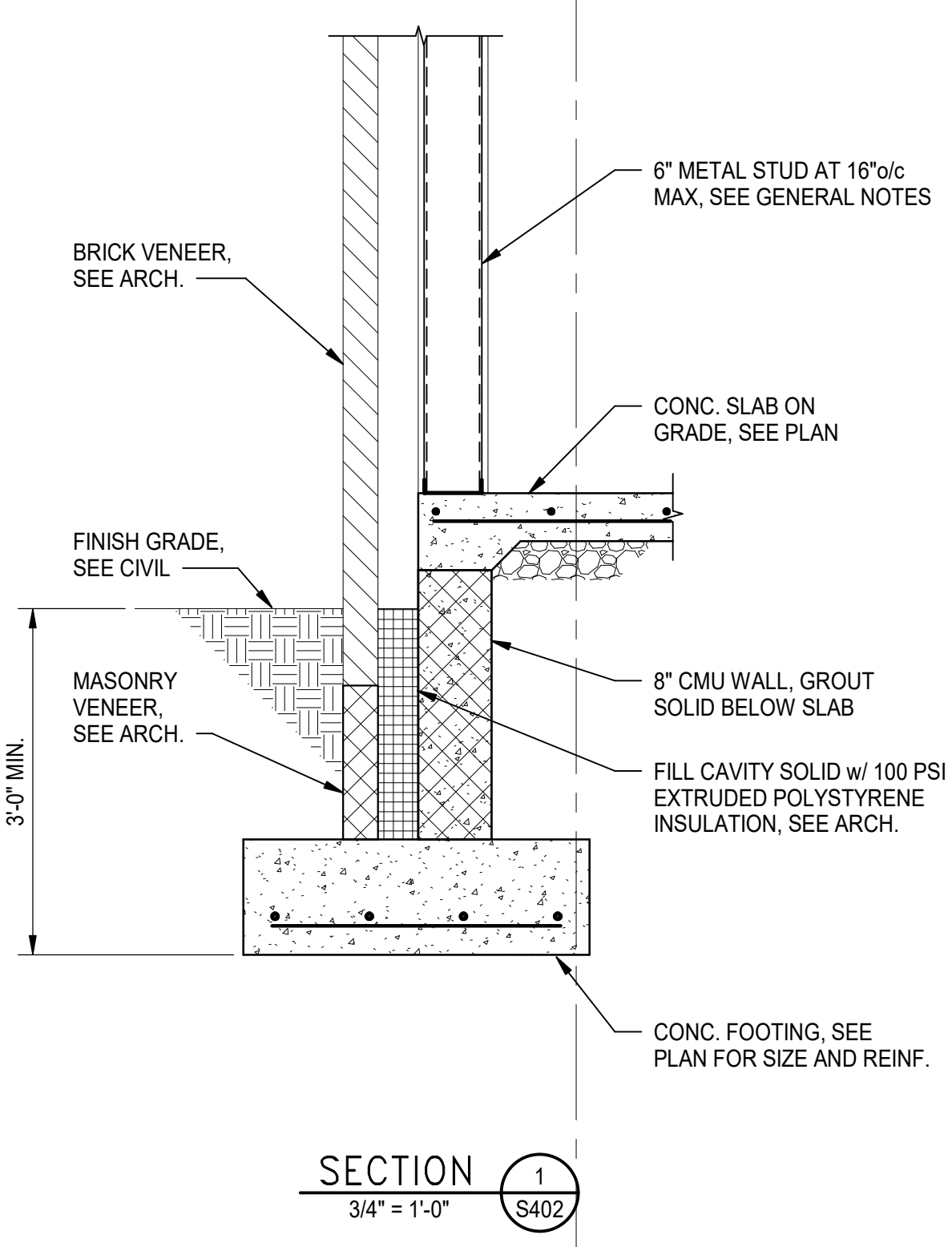
NOTE:  
1. PROVIDE LEVELING NUTS OR 1/4" LEVELING PLATE FOR ADJUSTMENT OF COLUMN.  
2. SET BASE PLATE ON 3/4" NON-SHRINK GROUT.



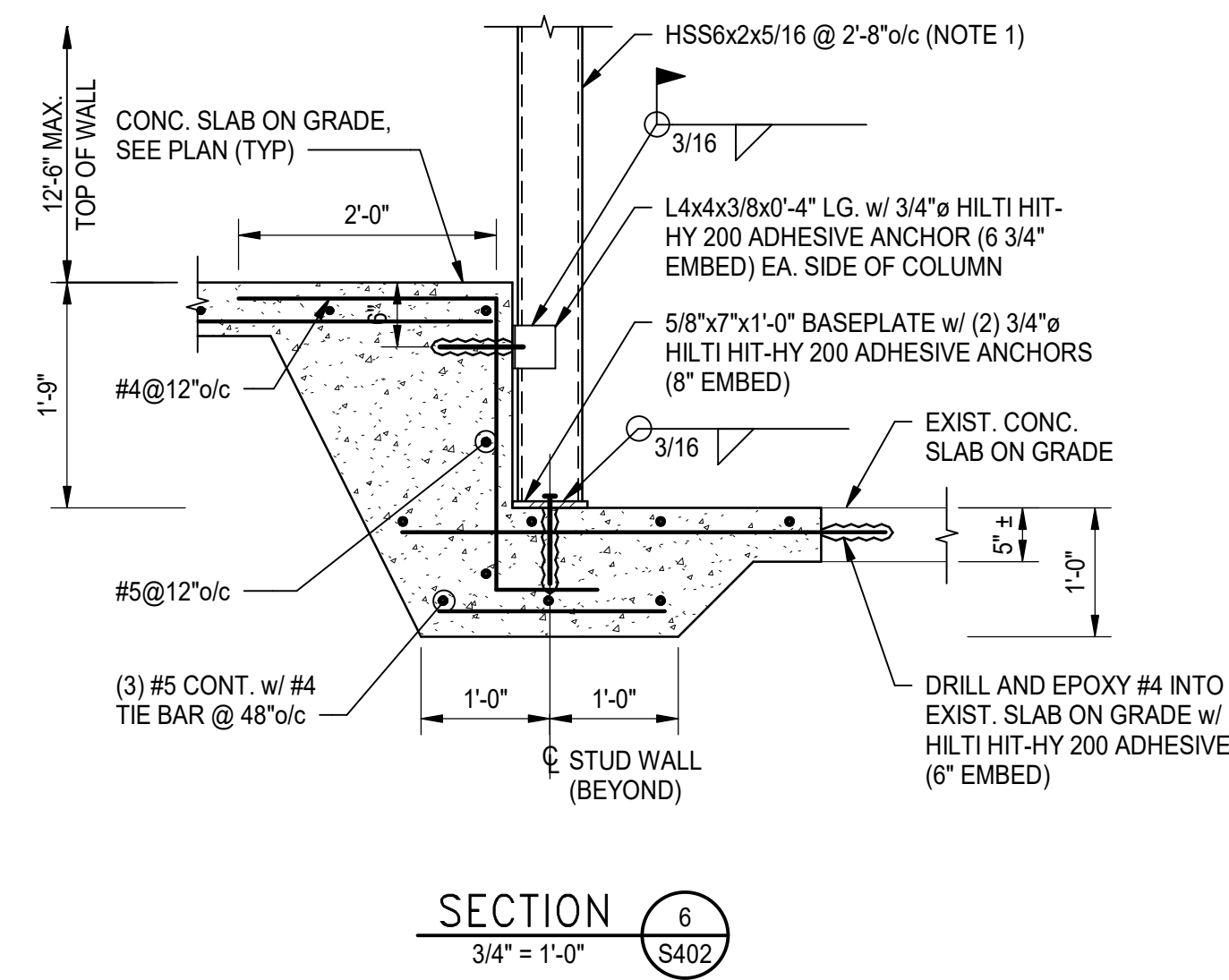
NOTE:  
1. PROVIDE 8" MIN. CONCRETE TURN-DOWN OR MASONRY SIDE WALLS AS REQUIRED REINFORCED w/ #4@12"o/c EACH WAY AT CONCRETE TURN-DOWN AND 16"o/c AT MASONRY SIDE WALLS. SHORE WALLS AS REQUIRED UNTIL STAIRS HAVE CURED 7 DAYS. REFER TO TYPICAL DETAILS AND GENERAL NOTES FOR FOOTING REQUIREMENTS AT MASONRY SIDE WALLS.  
2. KEY SLAB INTO SIDE WALLS 2" MIN. SECURE SLAB TO SIDE WALLS w/ #4 2"o/c DOWELS AT 12"o/c AT CONCRETE TURN-DOWN AND 16"o/c AT MASONRY SIDE WALLS (SIM. CONDITION AT RAMPS).



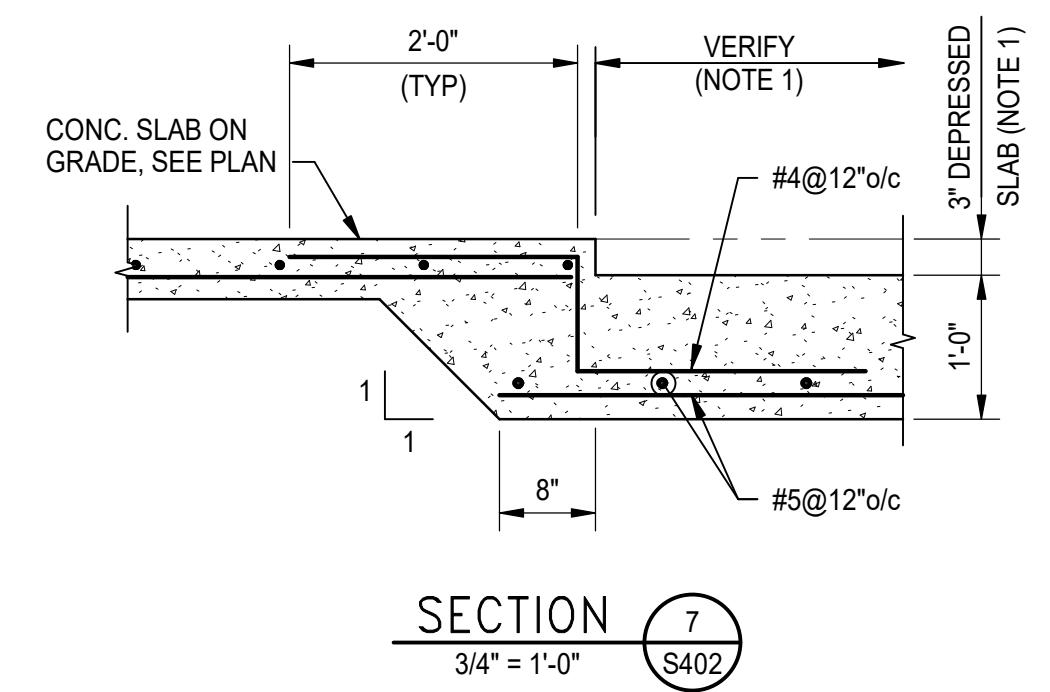
NOTE:  
1. PROVIDE 24"x24" CORNER BARS AS SHOWN ABOVE OR BEND EACH INTERSECTING OUTSIDE BAR FOR A DISTANCE OF 20" AROUND CORNERS FOR EACH LAYER OF FOOTING REINFORCING. BAR TO BE SAME SIZE AS FOOTING REINFORCING. COLD BENDING IN THE FIELD IS ALLOWABLE.



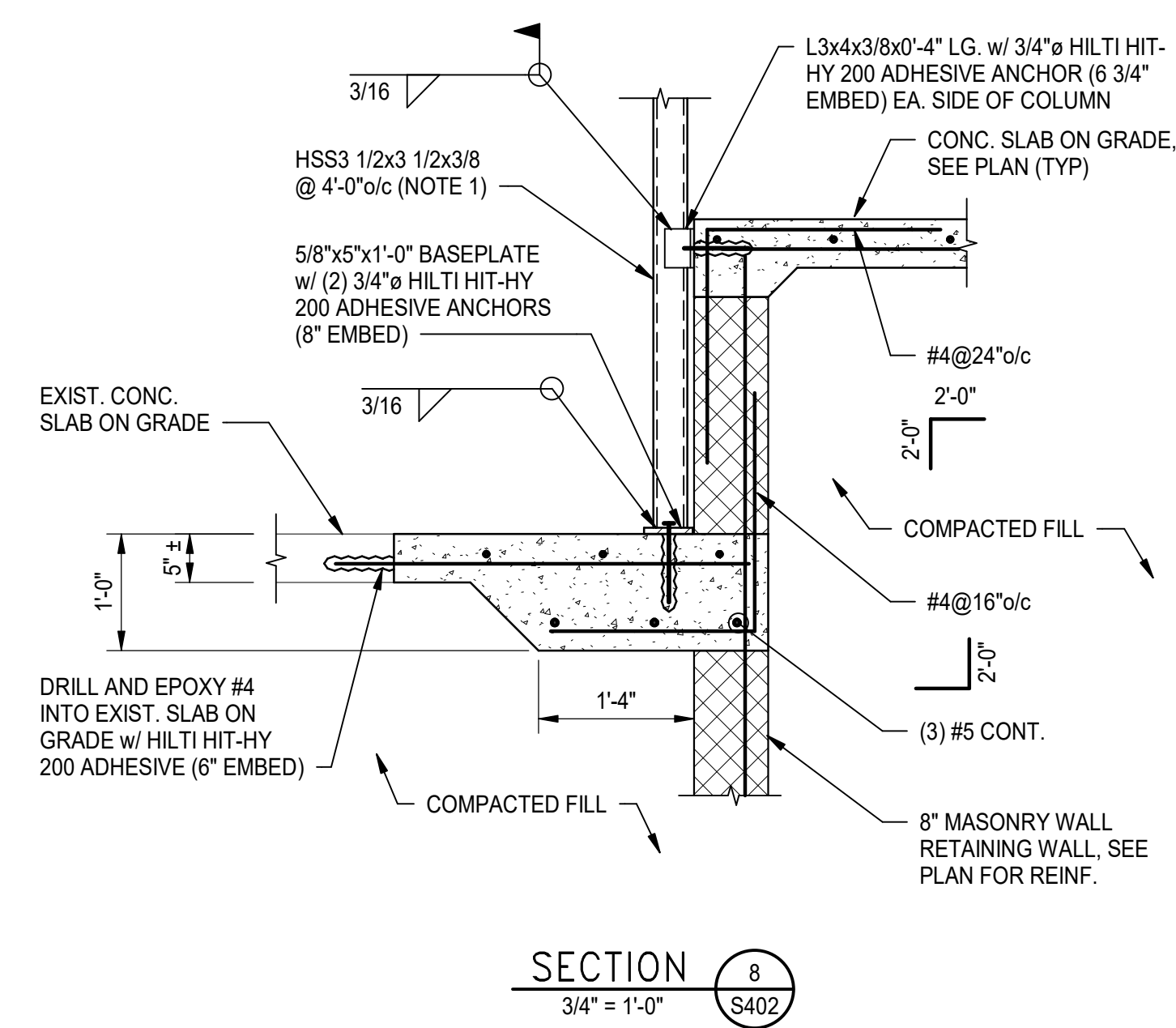
NOTE:  
1. IN AREAS WHERE EXISTING SLAB AND SUBGRADE HAS BEEN DISTURBED DURING CONSTRUCTION, PROVIDE NEW 5" CONCRETE SLAB ON GRADE OVER COMPACTED FILL PER NOTE 4 ON S101B FOR SUPPORT OF STEP SEATING FRAMING ABOVE.



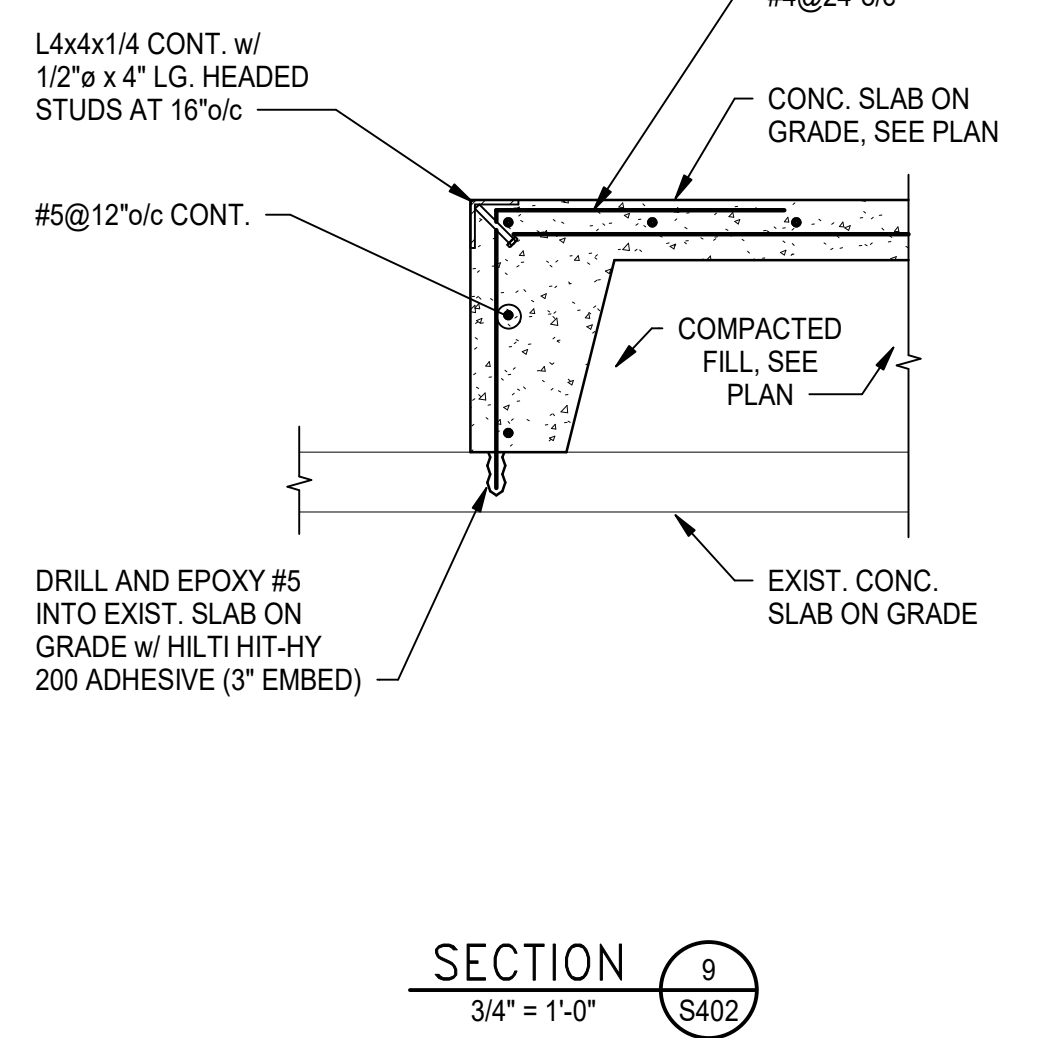
NOTES:  
1. PROVIDE HSS TUBE COLUMN AT EACH END OF CANTILEVERED STUD WALL AND 2'-9" o/c MAXIMUM. STUD WALL INFILL NOT SHOWN TO BE DESIGNED BY STUD MANUFACTURER.  
2. STEP SEATING NOT SHOWN FOR CLARITY.



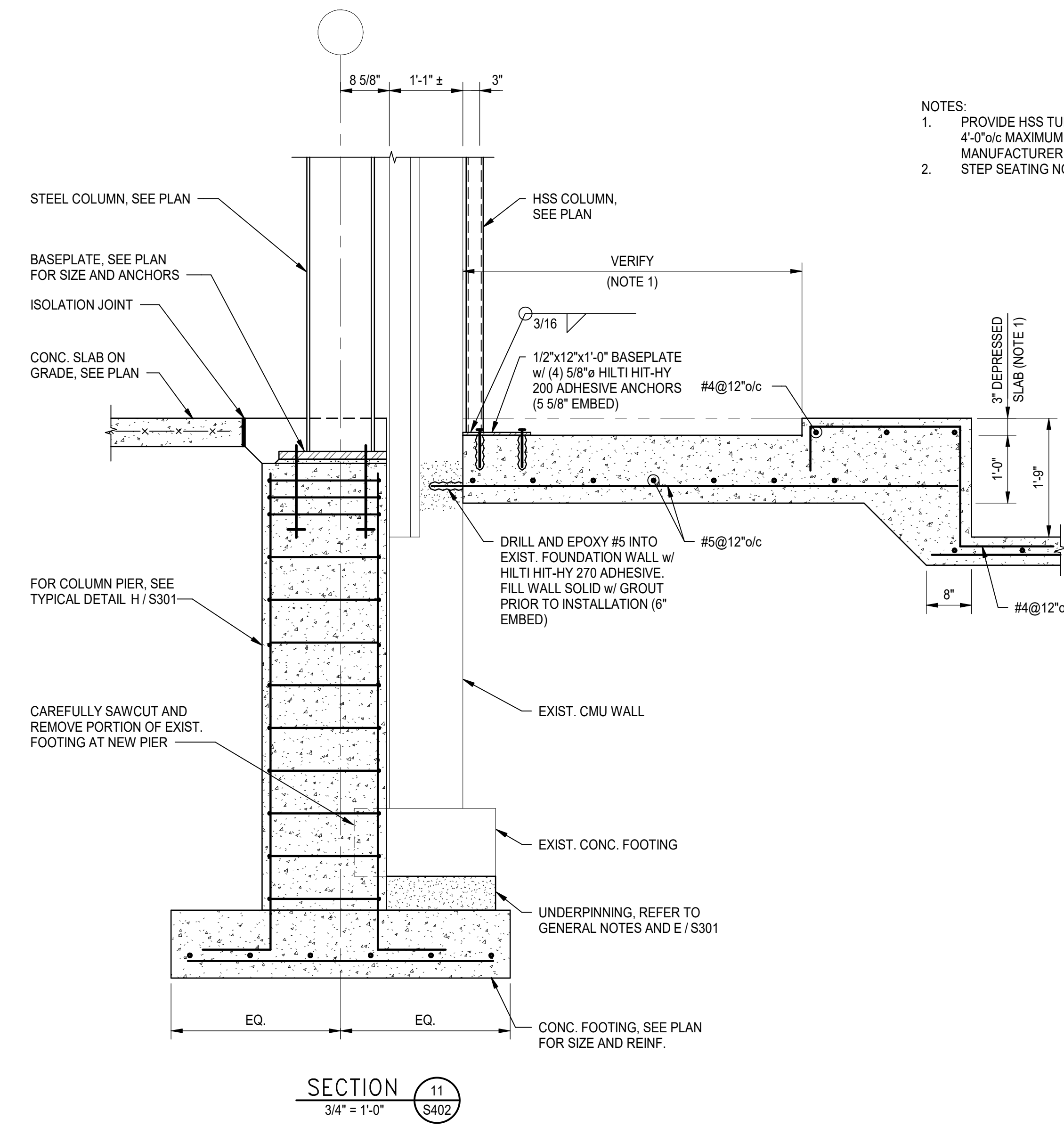
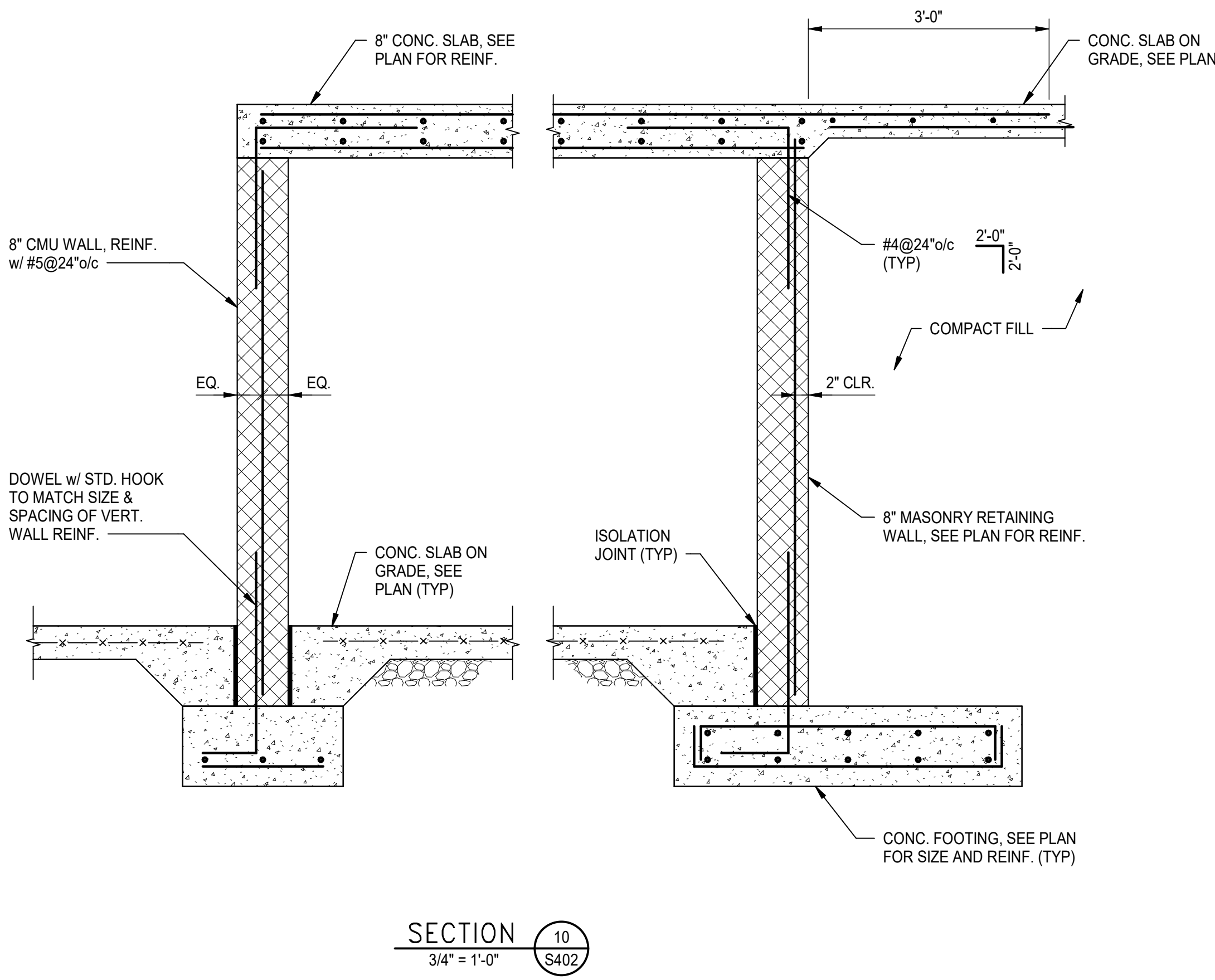
NOTE:  
1. FOR EXTENT OF SLAB DEPRESSION SEE ARCHITECTURAL DRAWINGS.



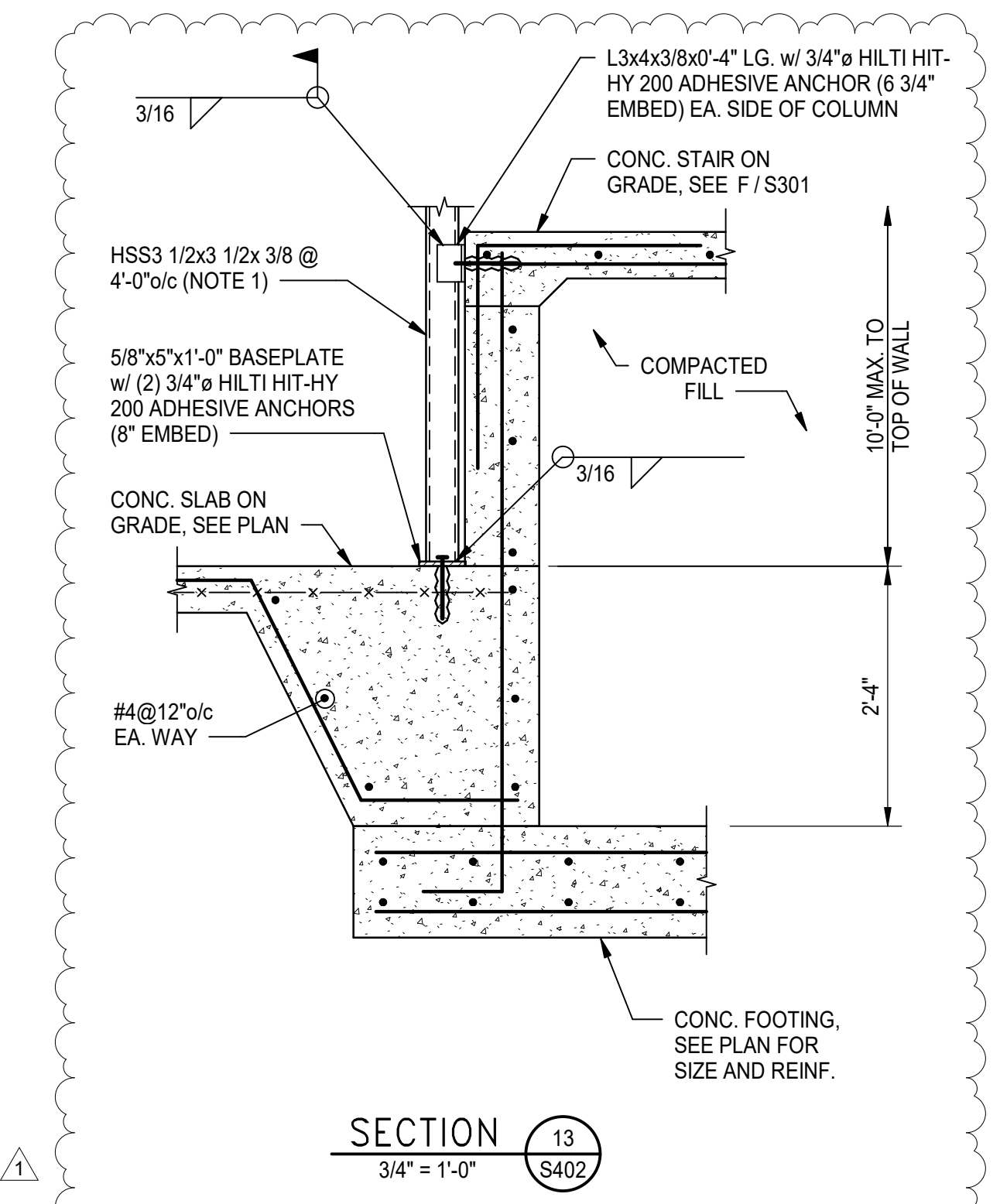
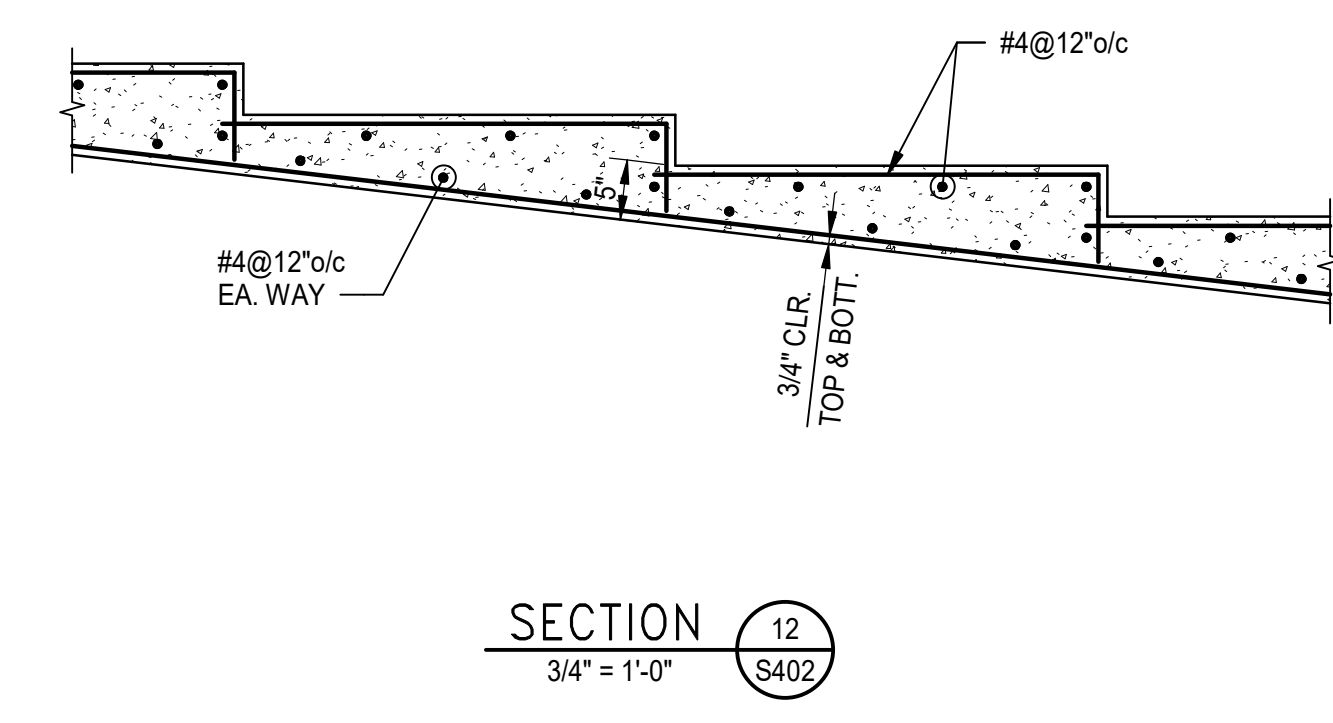
NOTES:  
1. PROVIDE HSS TUBE COLUMN AT EACH END OF CANTILEVERED STUD WALL AND 4'-0" o/c MAXIMUM. STUD WALL INFILL NOT SHOWN TO BE DESIGNED BY STUD MANUFACTURER.  
2. STEP SEATING NOT SHOWN FOR CLARITY.



NOTES:  
1. STEP SEATING NOT SHOWN FOR CLARITY.  
2. FOR RAILING AND ADDITIONAL INFORMATION AND REQUIREMENTS SEE ARCHITECTURAL DRAWINGS.



NOTES:  
1. FOR EXTENT OF DEPRESSED SLAB, REFER TO ARCHITECTURAL DRAWINGS.  
2. STEP SEATING NOT SHOWN. SEE PLAN.



NOTES:  
1. PROVIDE HSS TUBE COLUMN AT EACH END OF CANTILEVERED STUD WALL AND 4'-0" o/c MAXIMUM. STUD WALL INFILL NOT SHOWN TO BE DESIGNED BY STUD MANUFACTURER.

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NOT FOR CONSTRUCTION

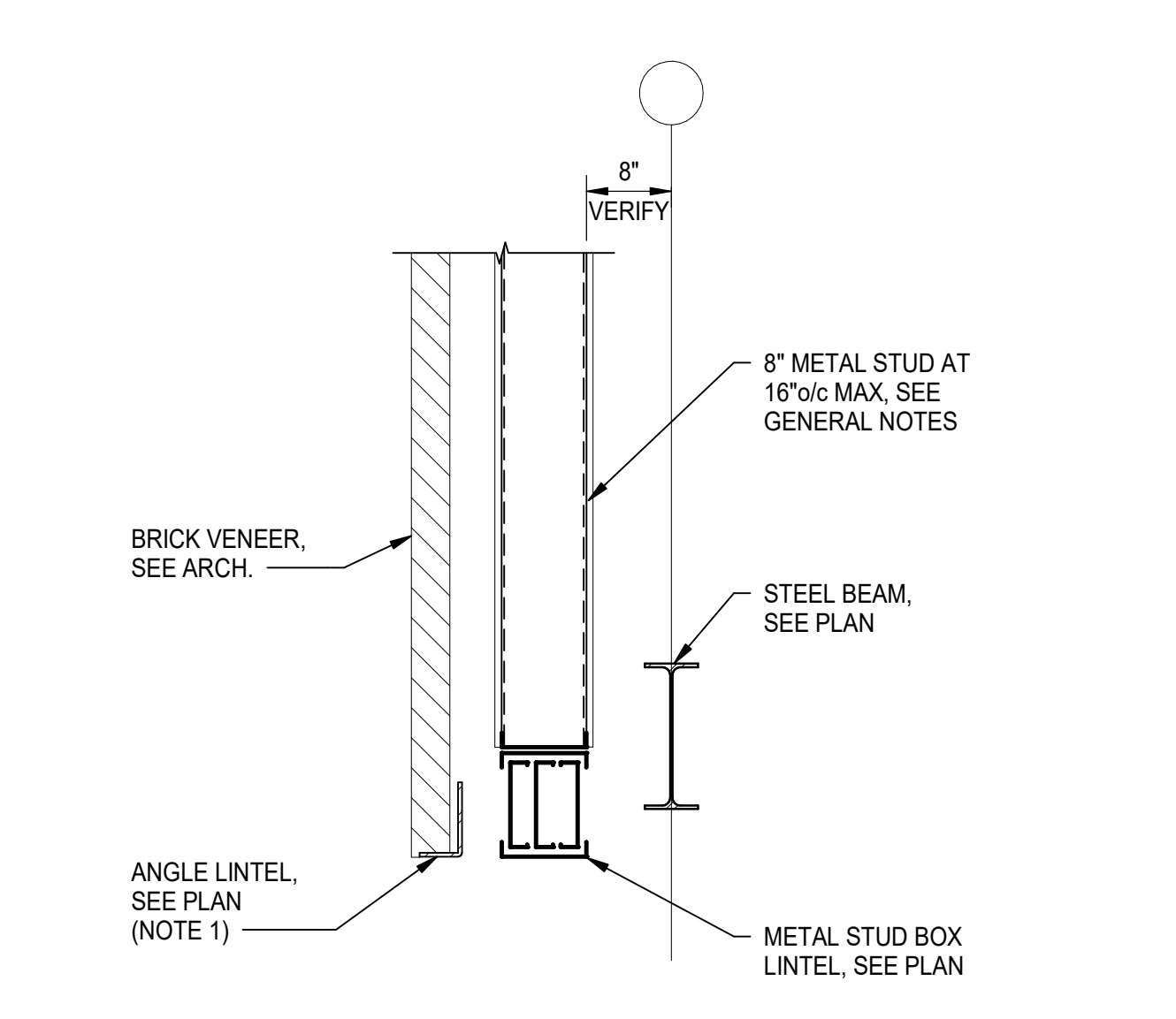
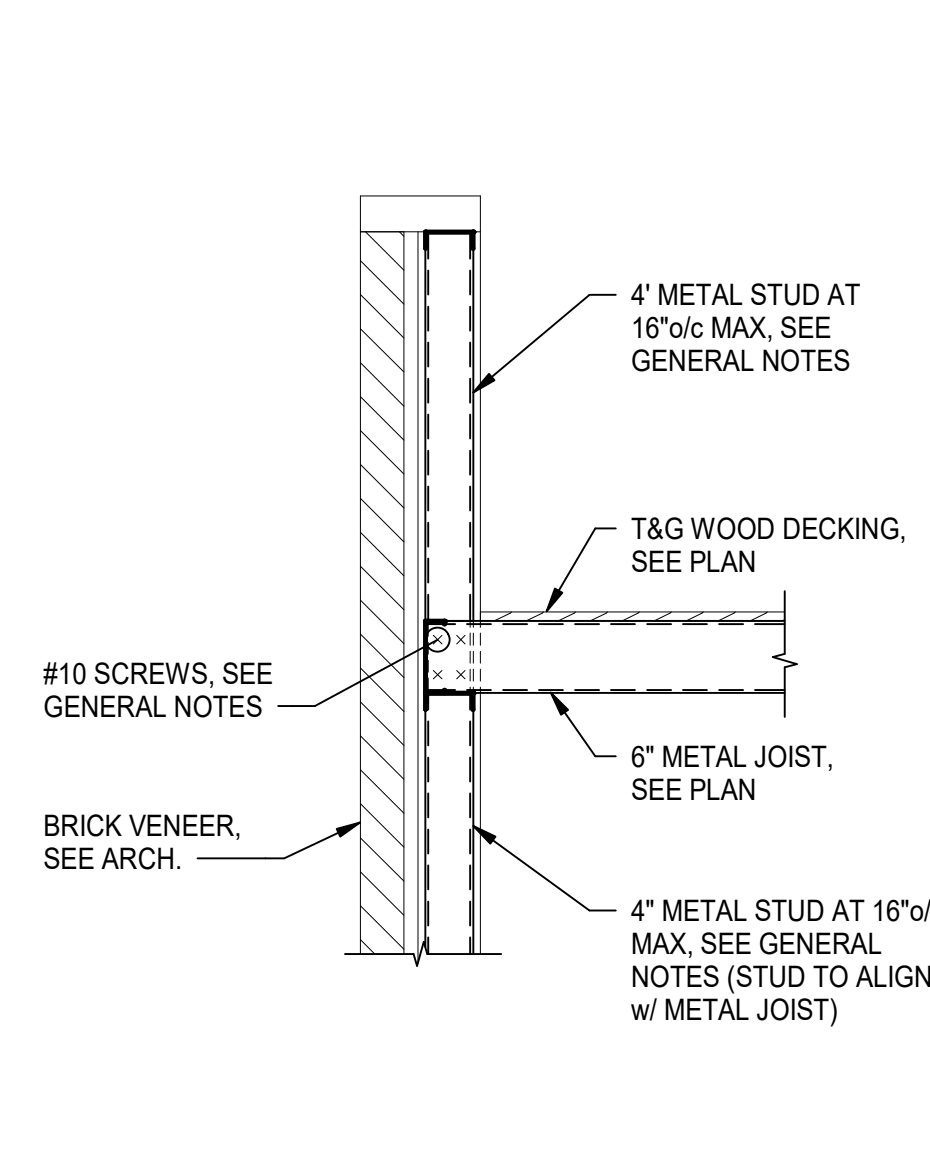
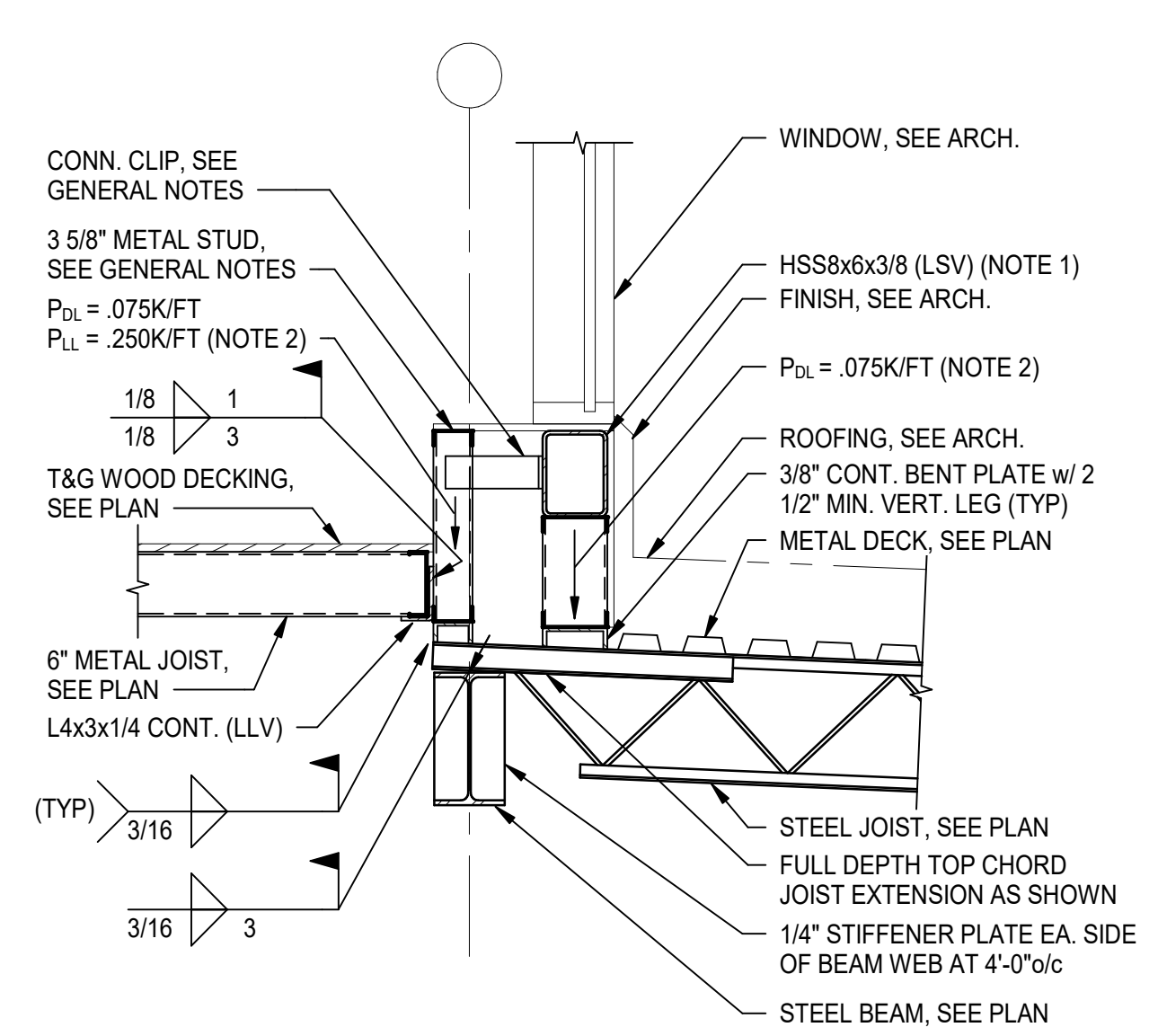
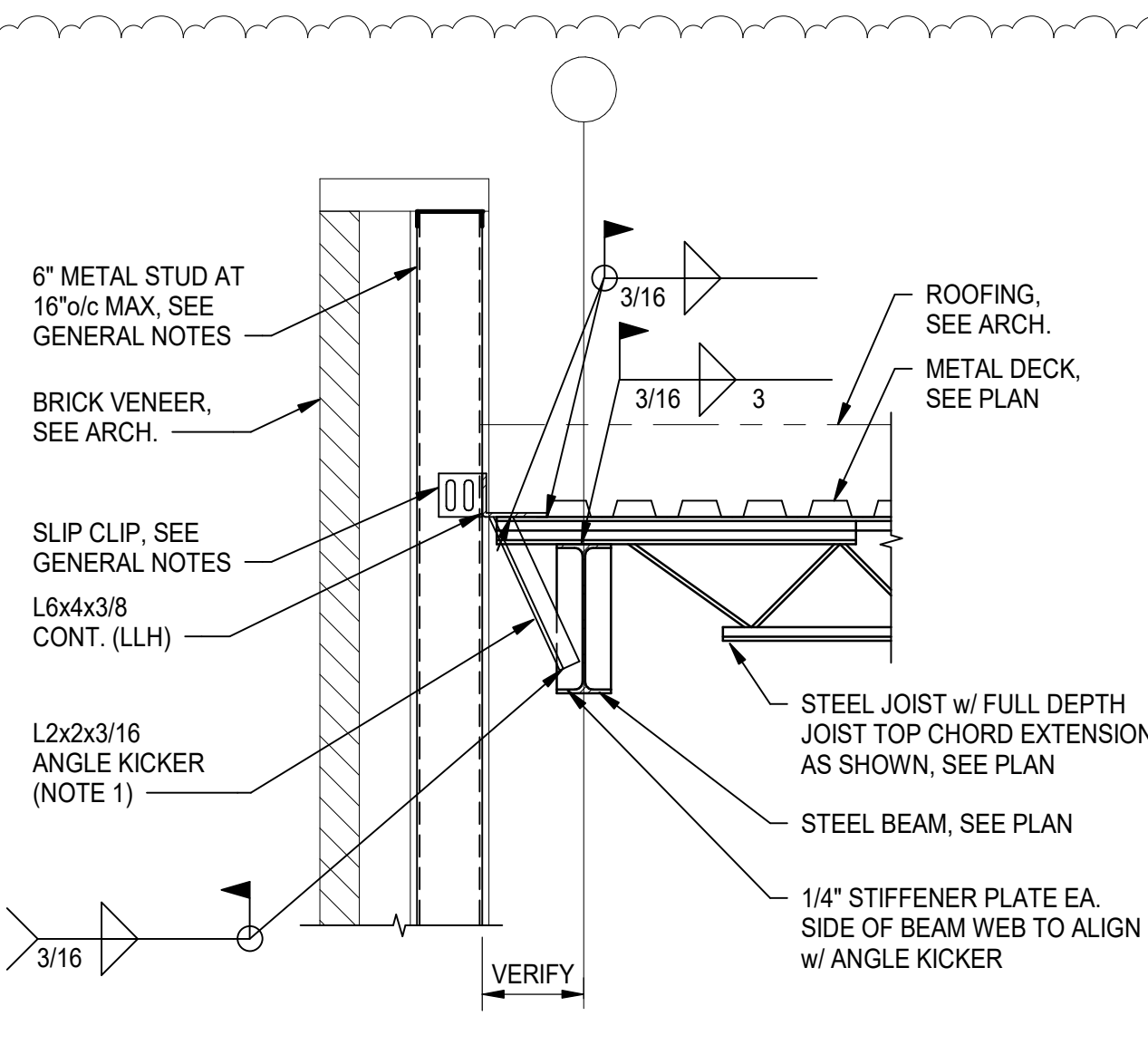
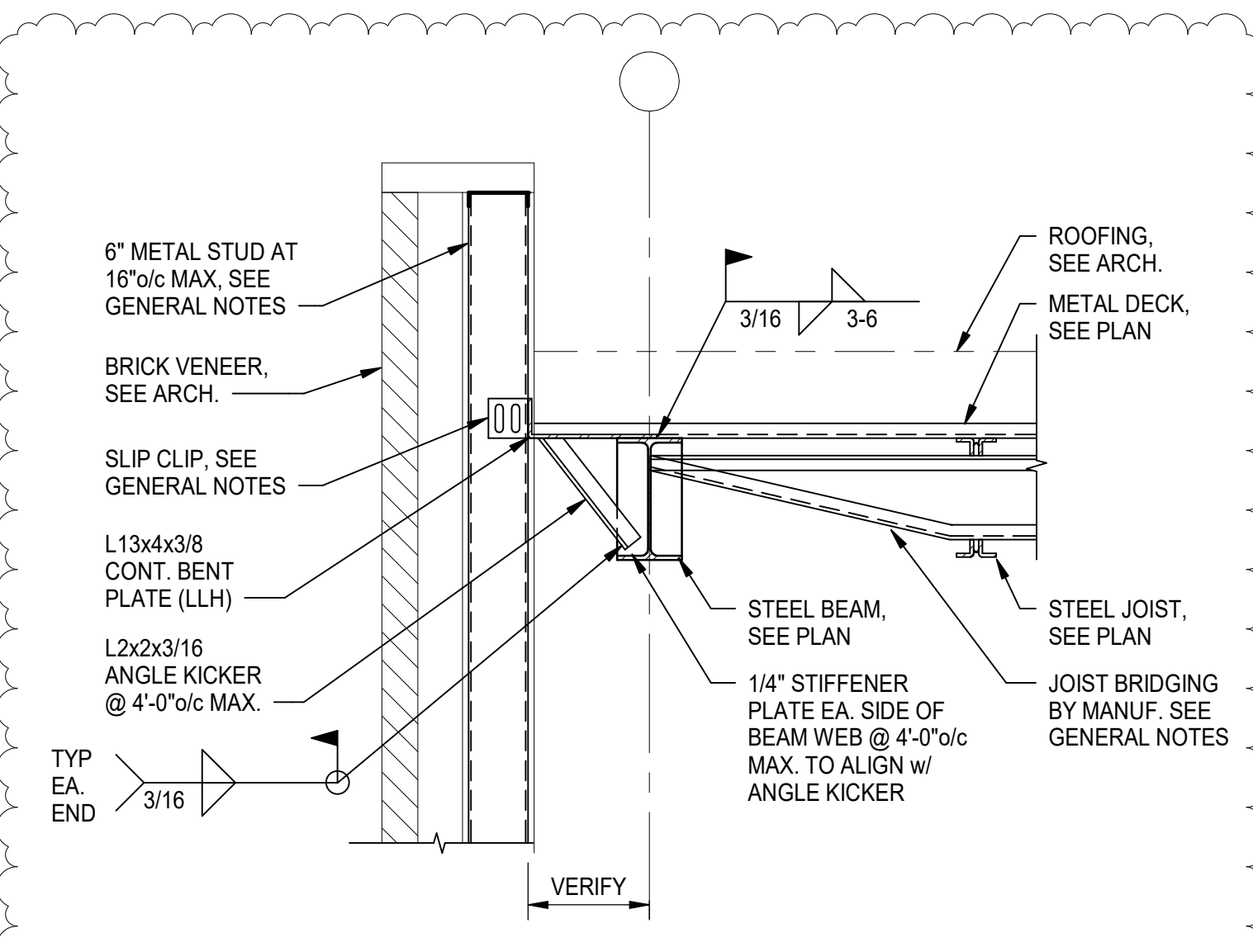
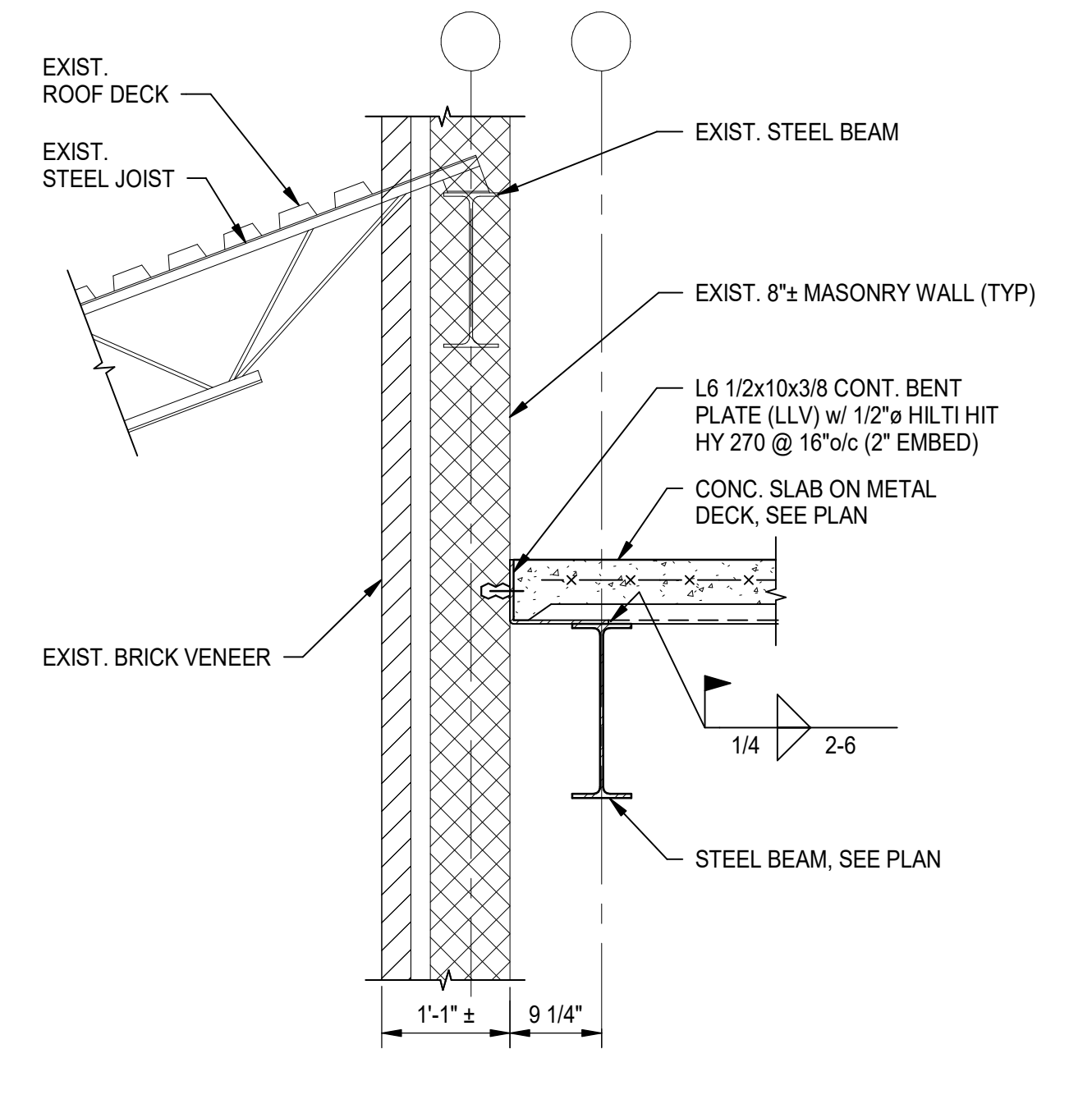
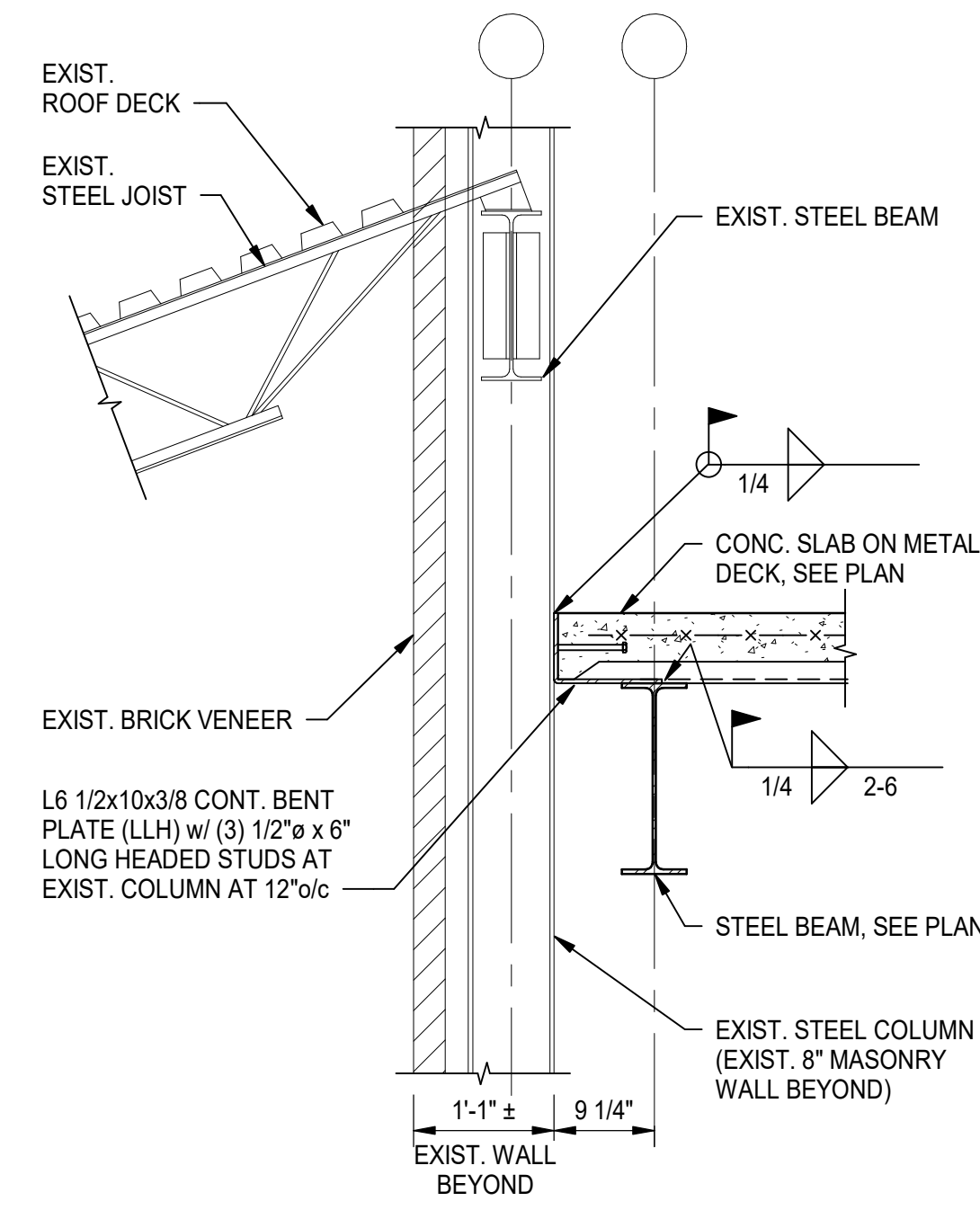
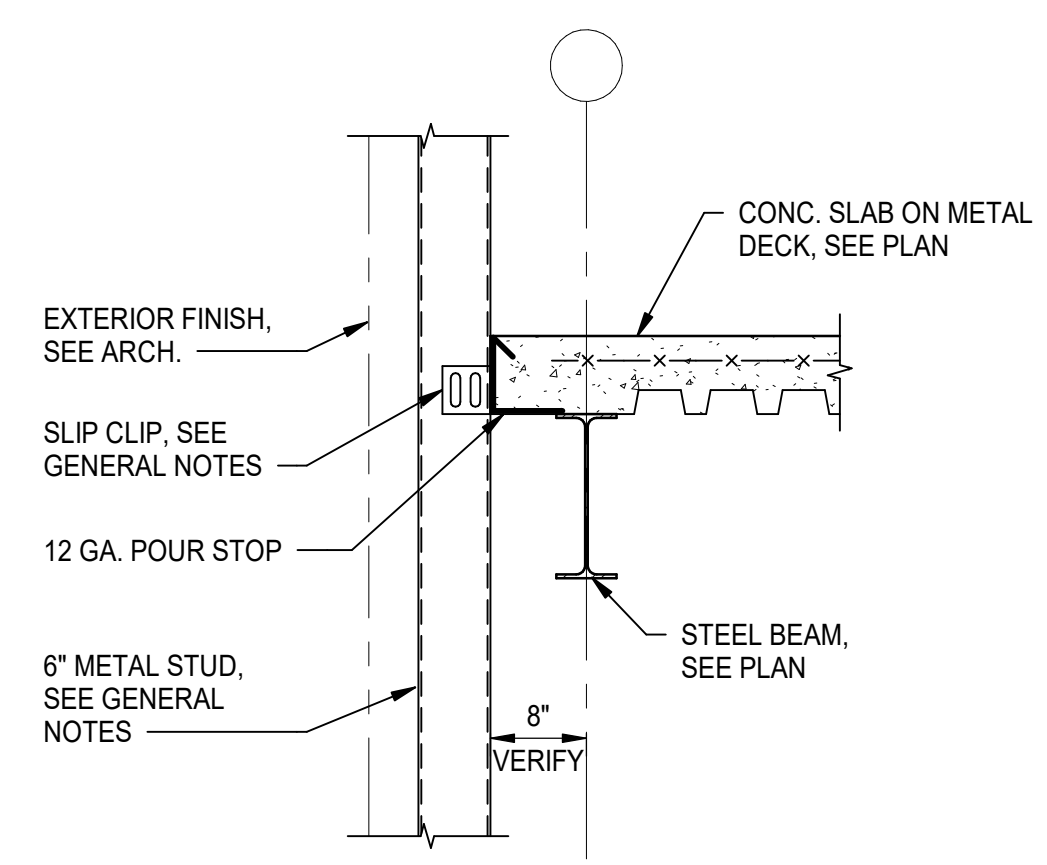
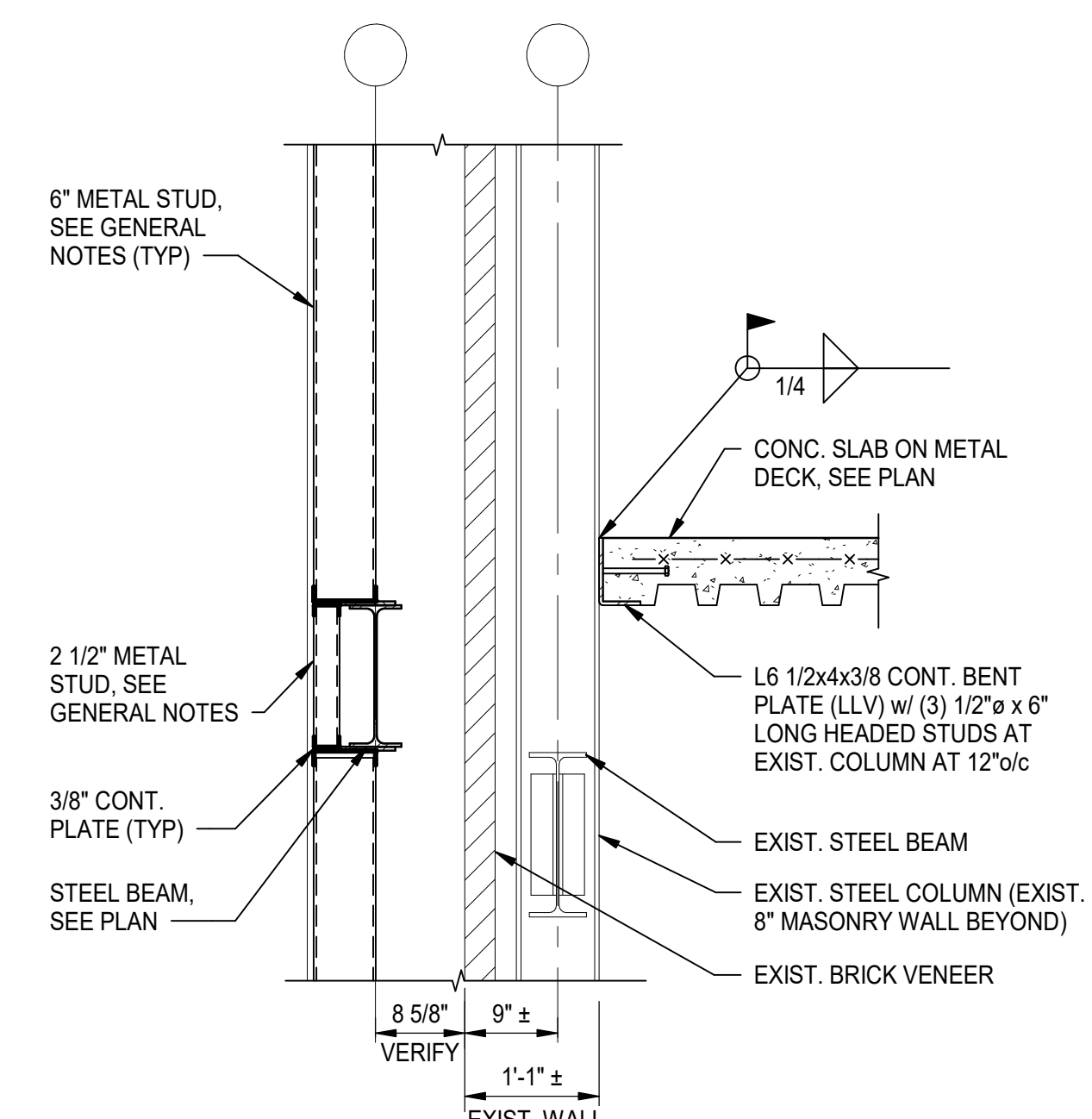
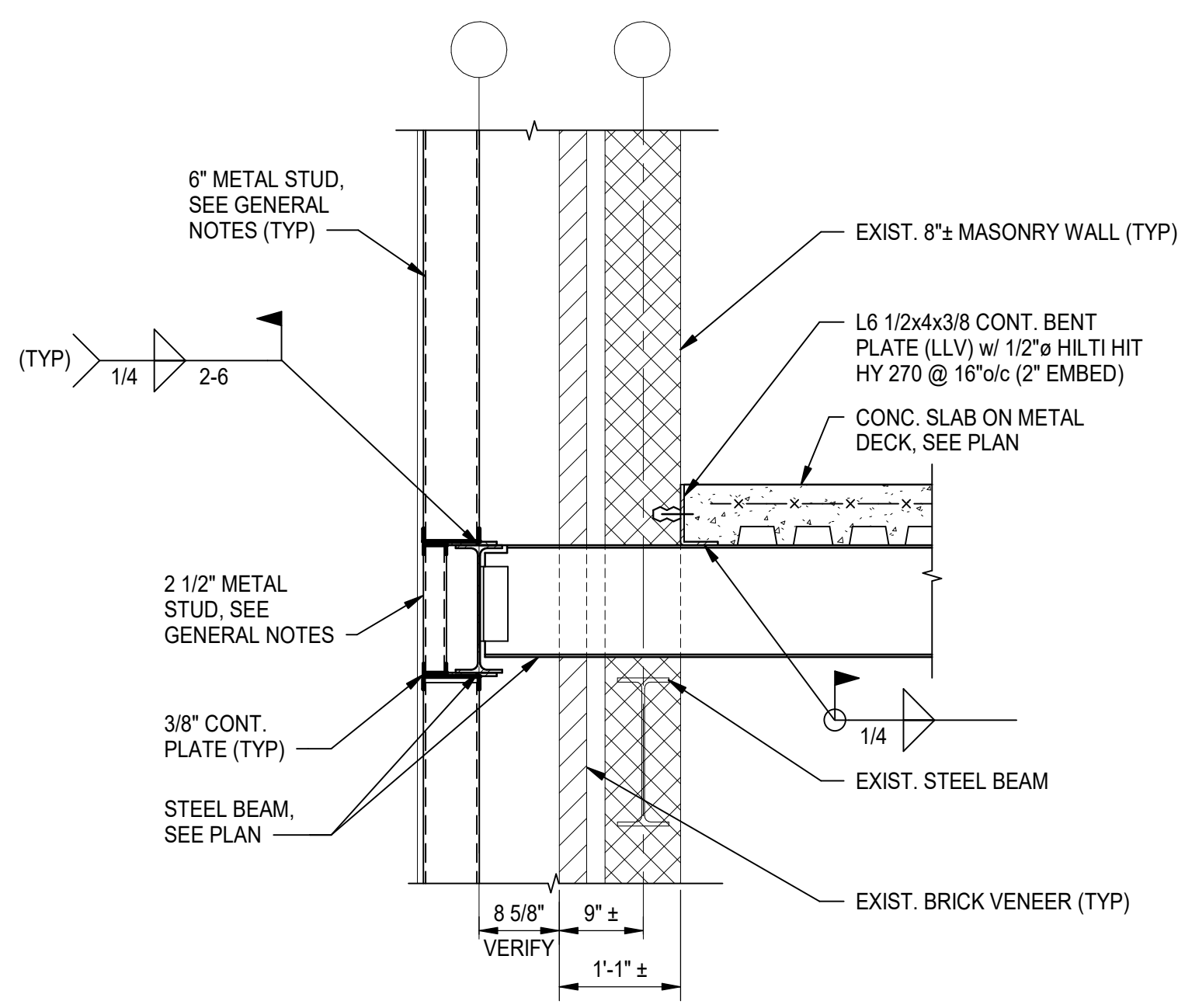
887 MOSSER ROAD,  
MCHEMERY, MD 21541

ISSUED FOR BID AND PERMIT

Issue Date: 11/15/2019  
Revisions: 1 ADDENDUM 01 12/11/2019

56-18107-00  
SECTIONS

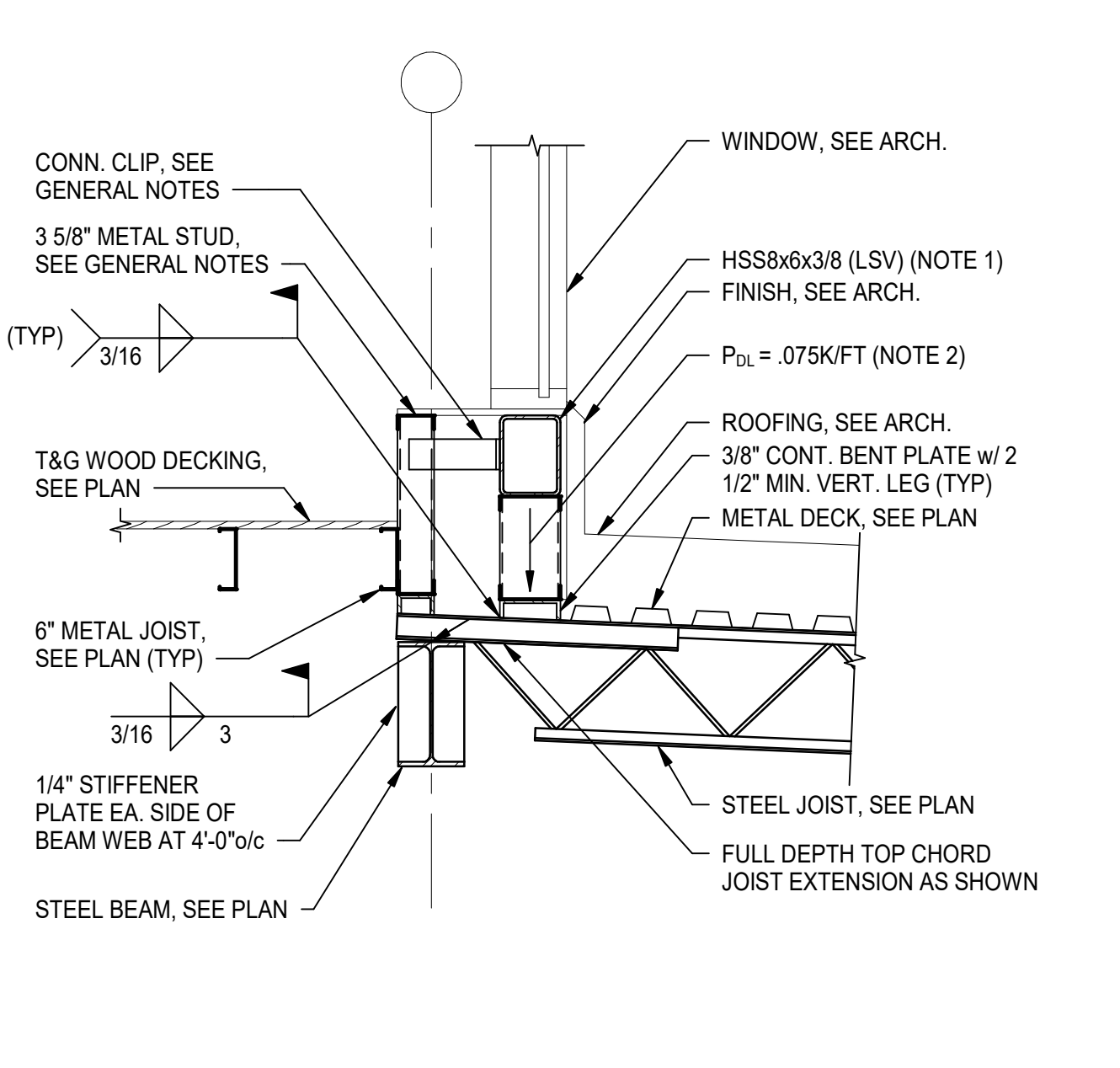
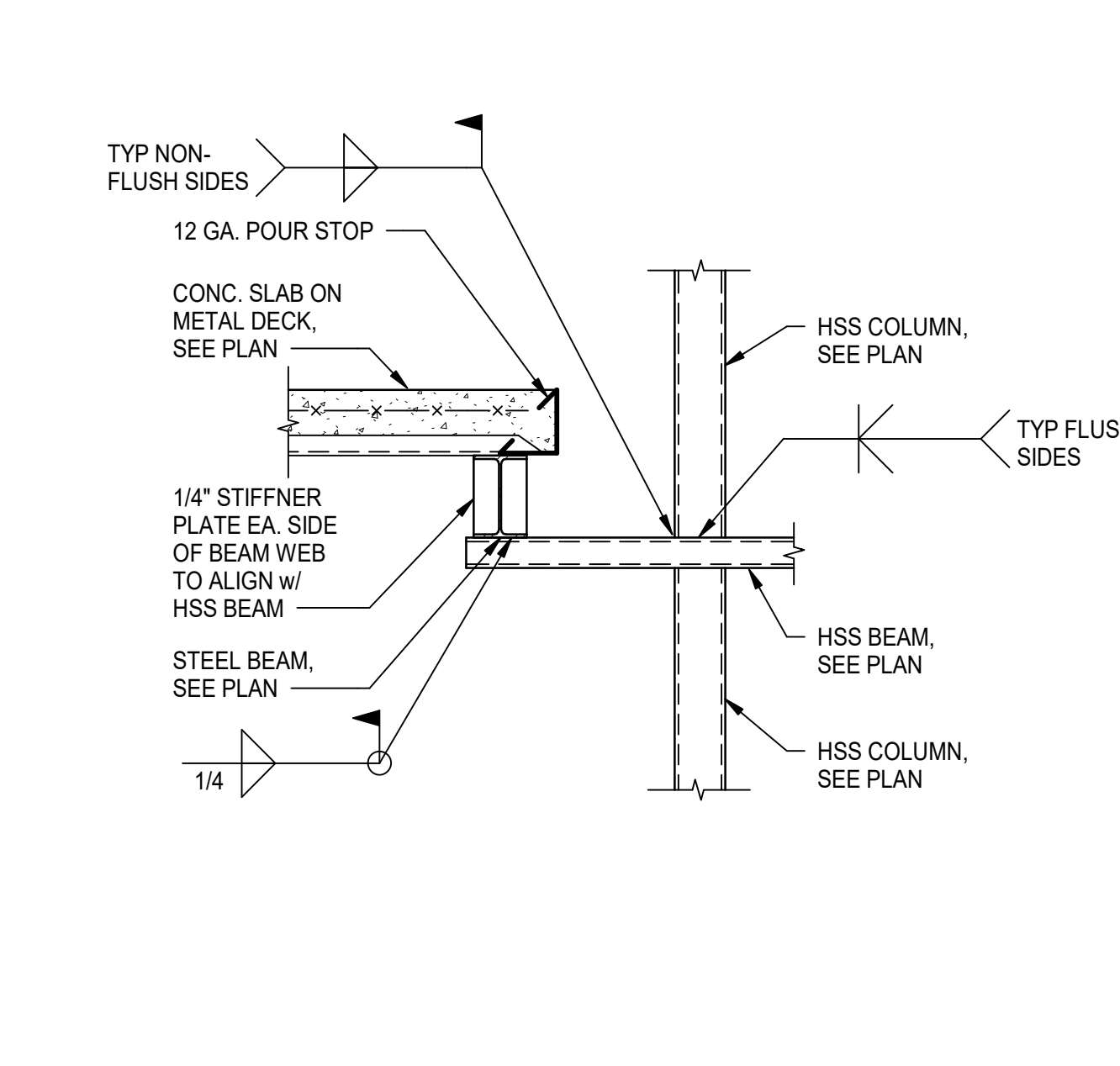
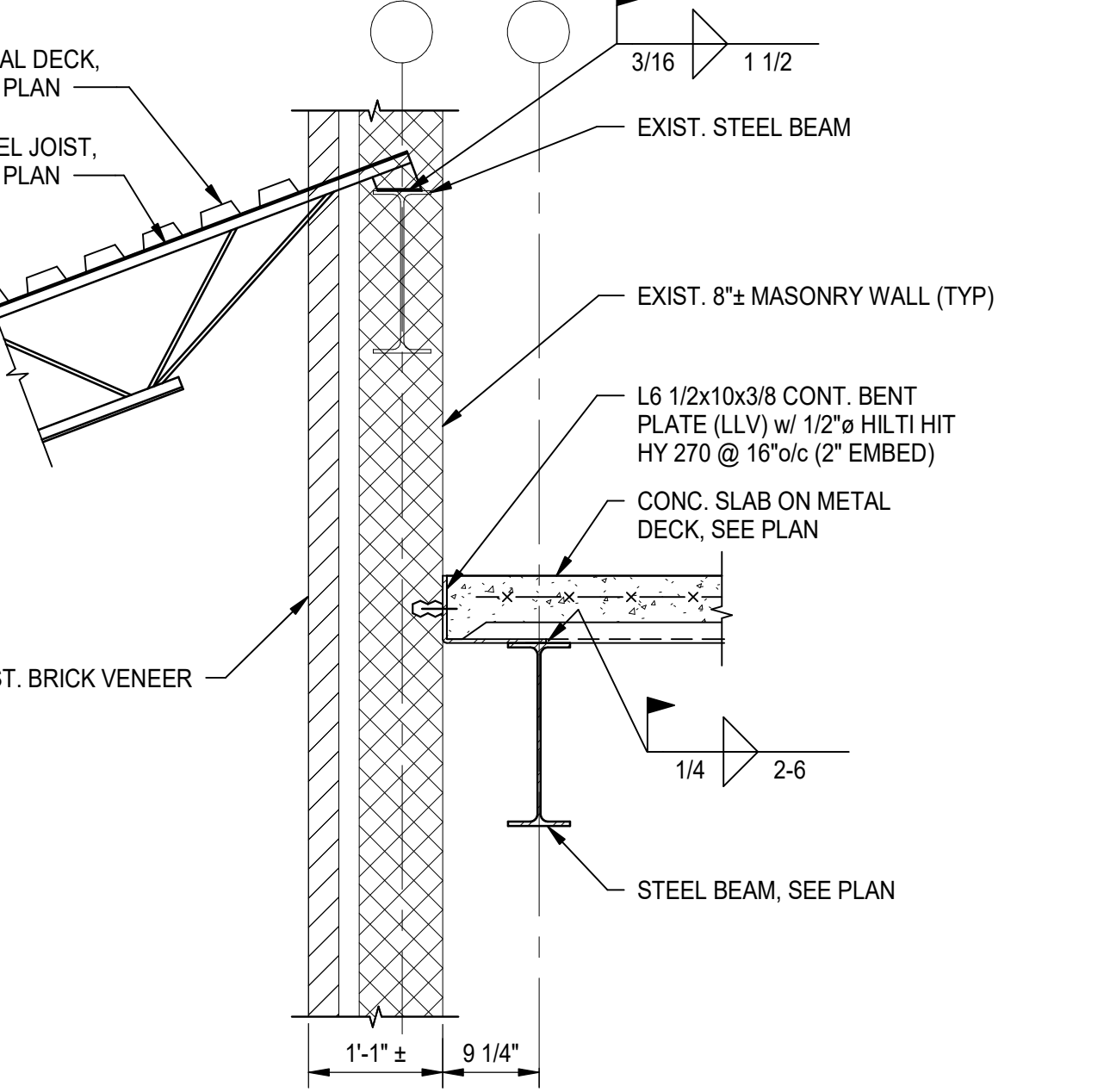
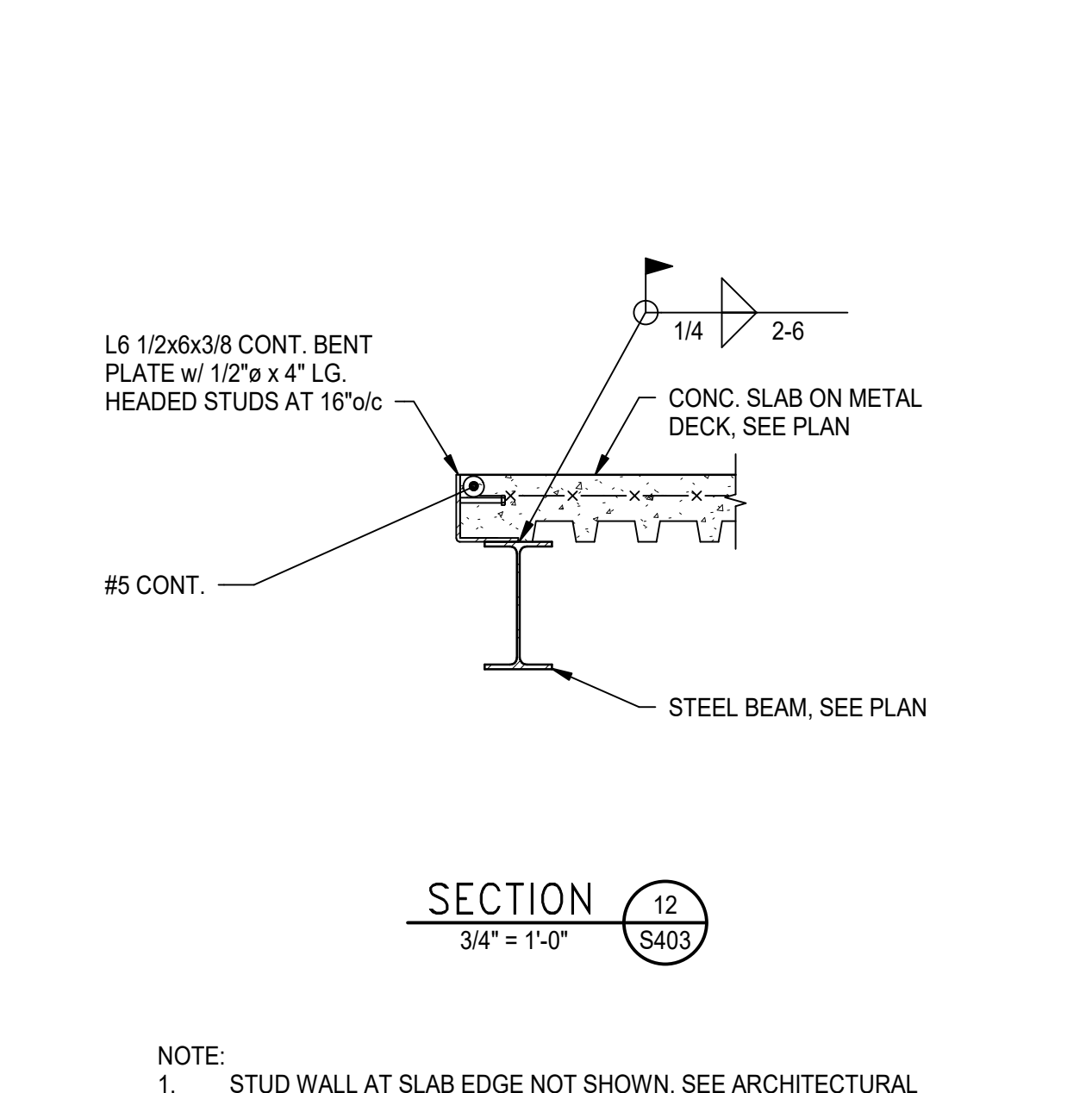
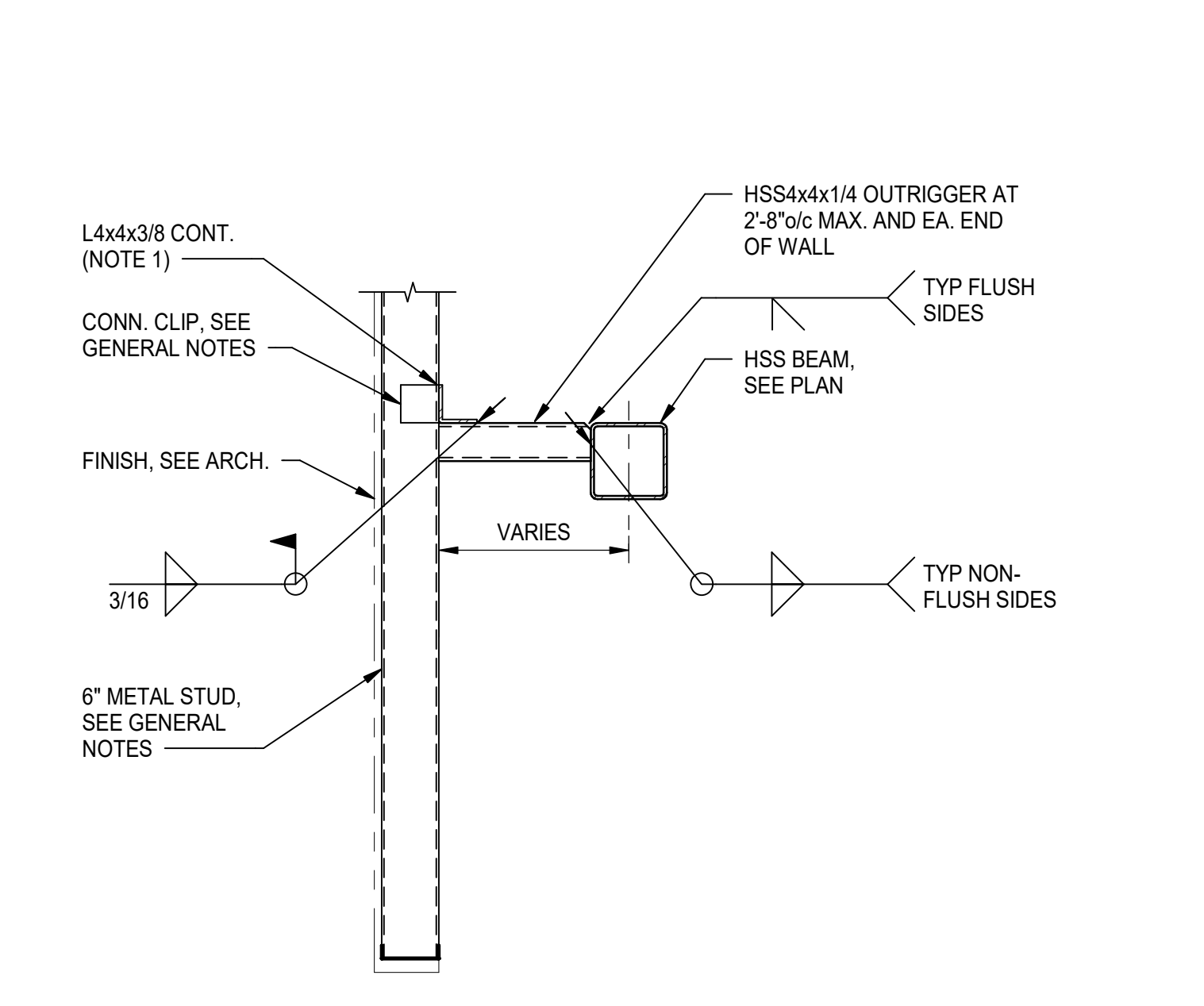




NOTE:  
1. PROVIDE ANGLE KICKER AT AT DISCONTINUED END OF SUPPORT ANGLE ADJACENT TO CURTAINWALL / SHADOW BOX SYSTEM.

NOTES:  
1. FOR TUBE GIRT TO COLUMN CONNECTION SEE N / S304.  
2. JOIST MANUFACTURER SHALL DESIGN JOIST TO SUPPORT ADDITIONAL CONCENTRATED DEAD AND LIVE LOADS FROM WALL ABOVE AND PLATFORM AS NOTED ON SECTION. SEE PLAN FOR JOIST SPACING.

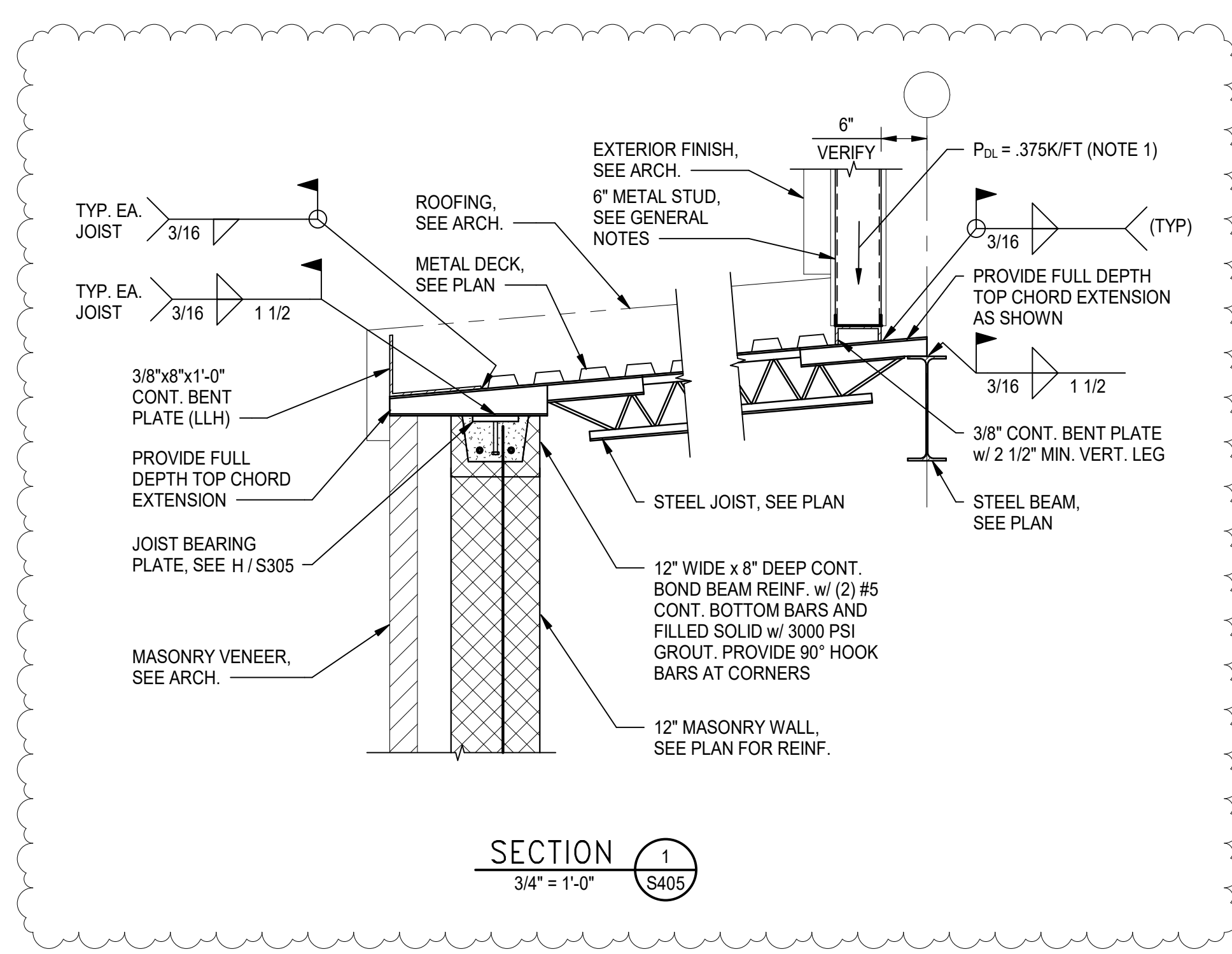
NOTE:  
1. MITER AND PROVIDE FULL PENETRATION GROOVE WELD ALL THE WAY AROUND AT CORNER CONDITION. ALL WELDS TO BE GROUND SMOOTH.



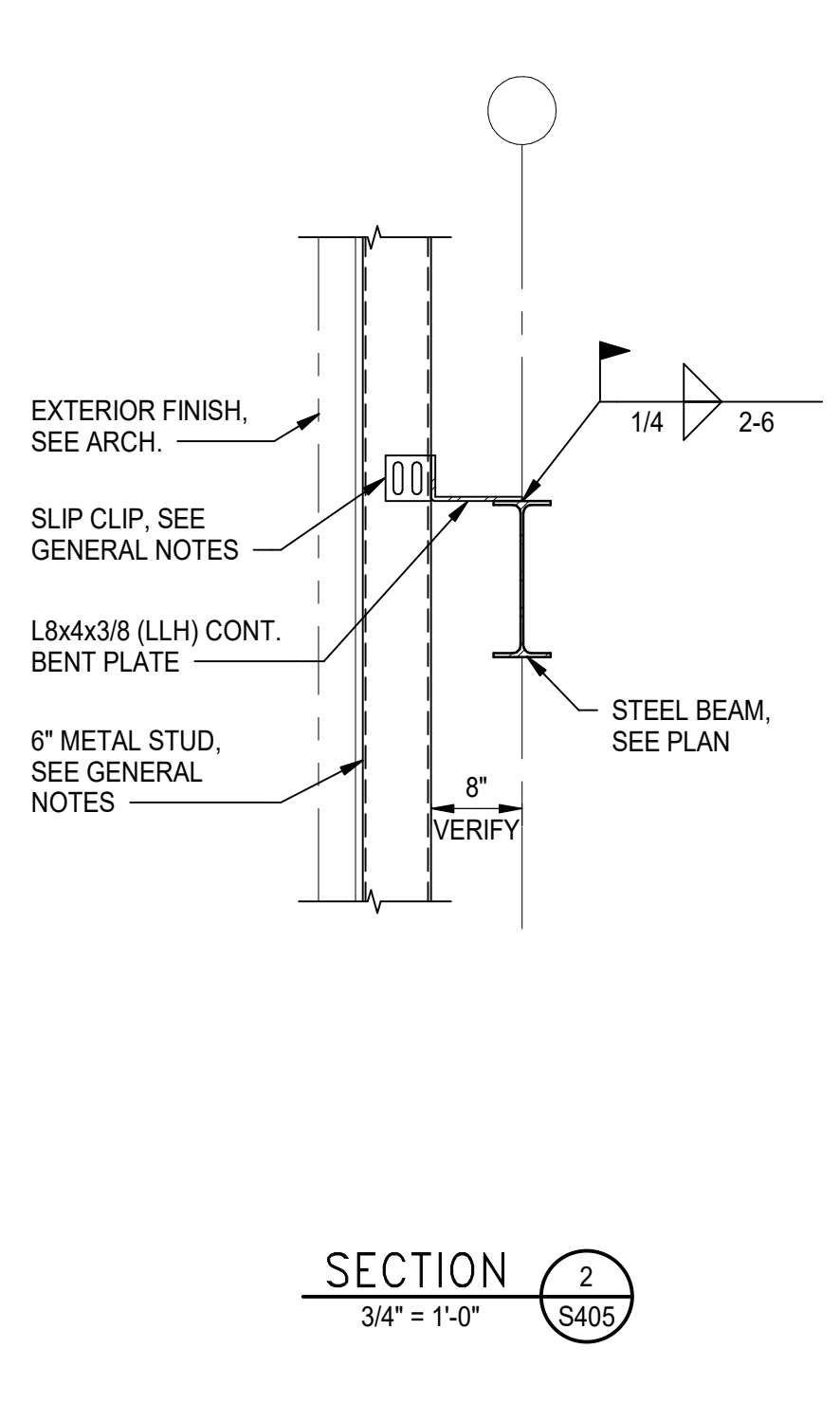
NOTE:  
1. STUD WALL AT SLAB EDGE NOT SHOWN. SEE ARCHITECTURAL DRAWING FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

NOTE:  
1. ANGLE TO BE MITERED WITH FULL PENETRATION WELD AT WALL JOGS.

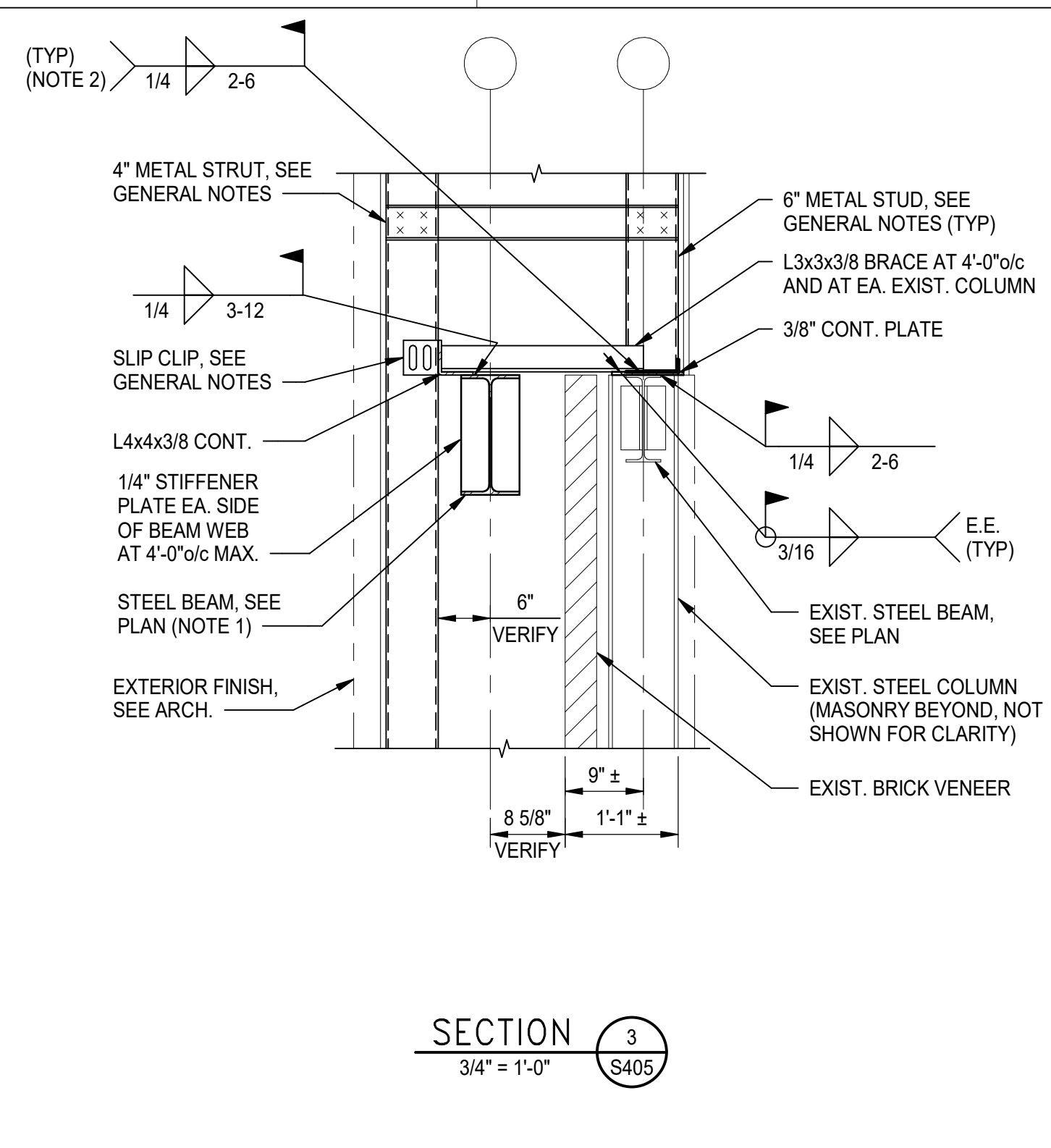
NOTES:  
1. FOR TUBE GIRT TO COLUMN CONNECTION SEE N / S304.  
2. JOIST MANUFACTURER SHALL DESIGN JOIST TO SUPPORT ADDITIONAL CONCENTRATED DEAD AND LIVE LOADS FROM WALL ABOVE AND PLATFORM ABOVE AS NOTED ON SECTION. SEE PLAN FOR JOIST SPACING.



NOTE:  
1. JOIST MANUFACTURER SHALL DESIGN JOIST TO SUPPORT ADDITIONAL CONCENTRATED DEAD AND LIVE LOADS FROM WALL ABOVE AND PLATFORM ABOVE AS NOTED ON SECTION. SEE PLAN FOR JOIST SPACING.

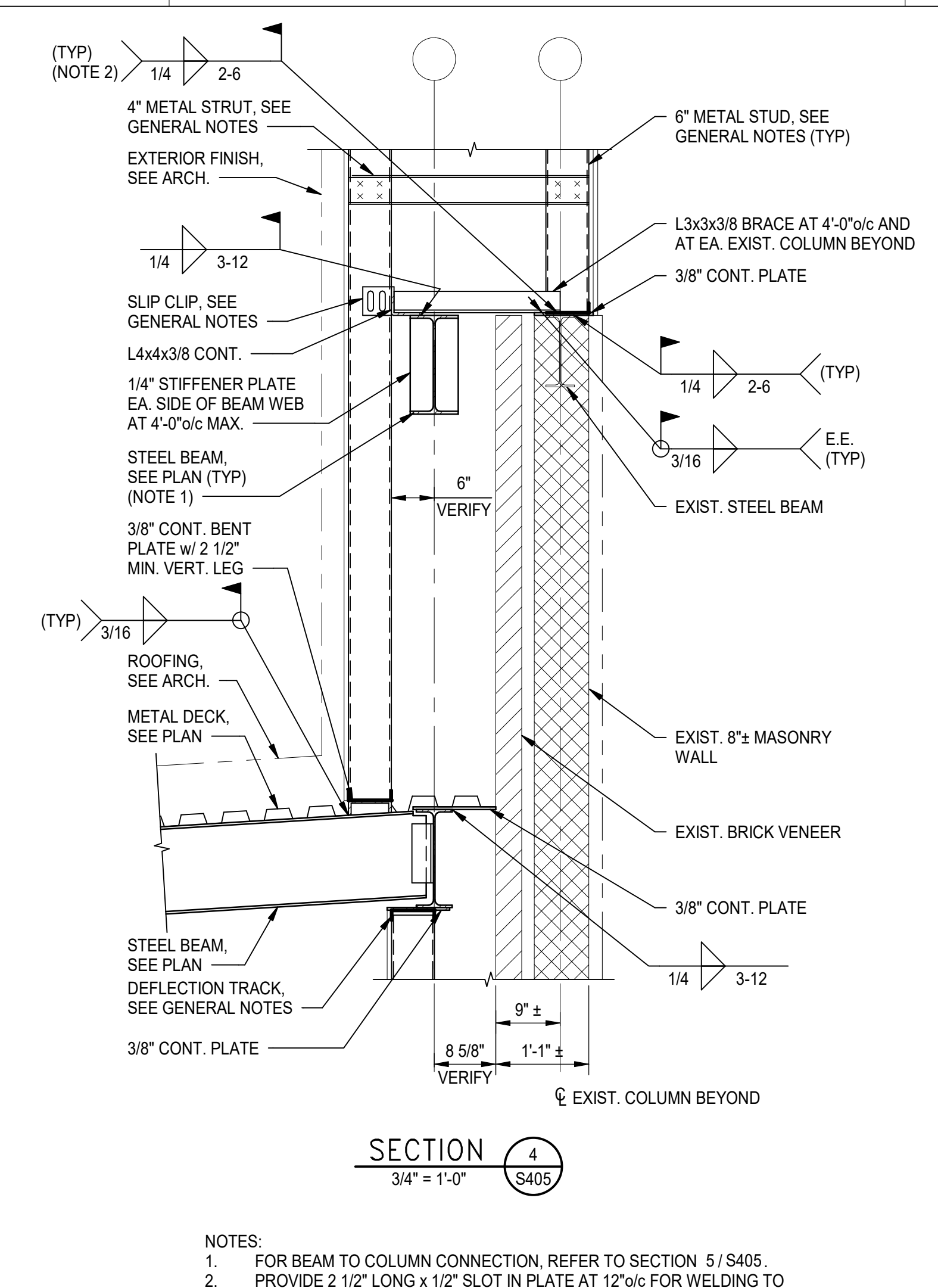


SECTION 2  
3/4" = 1'-0"  
S405



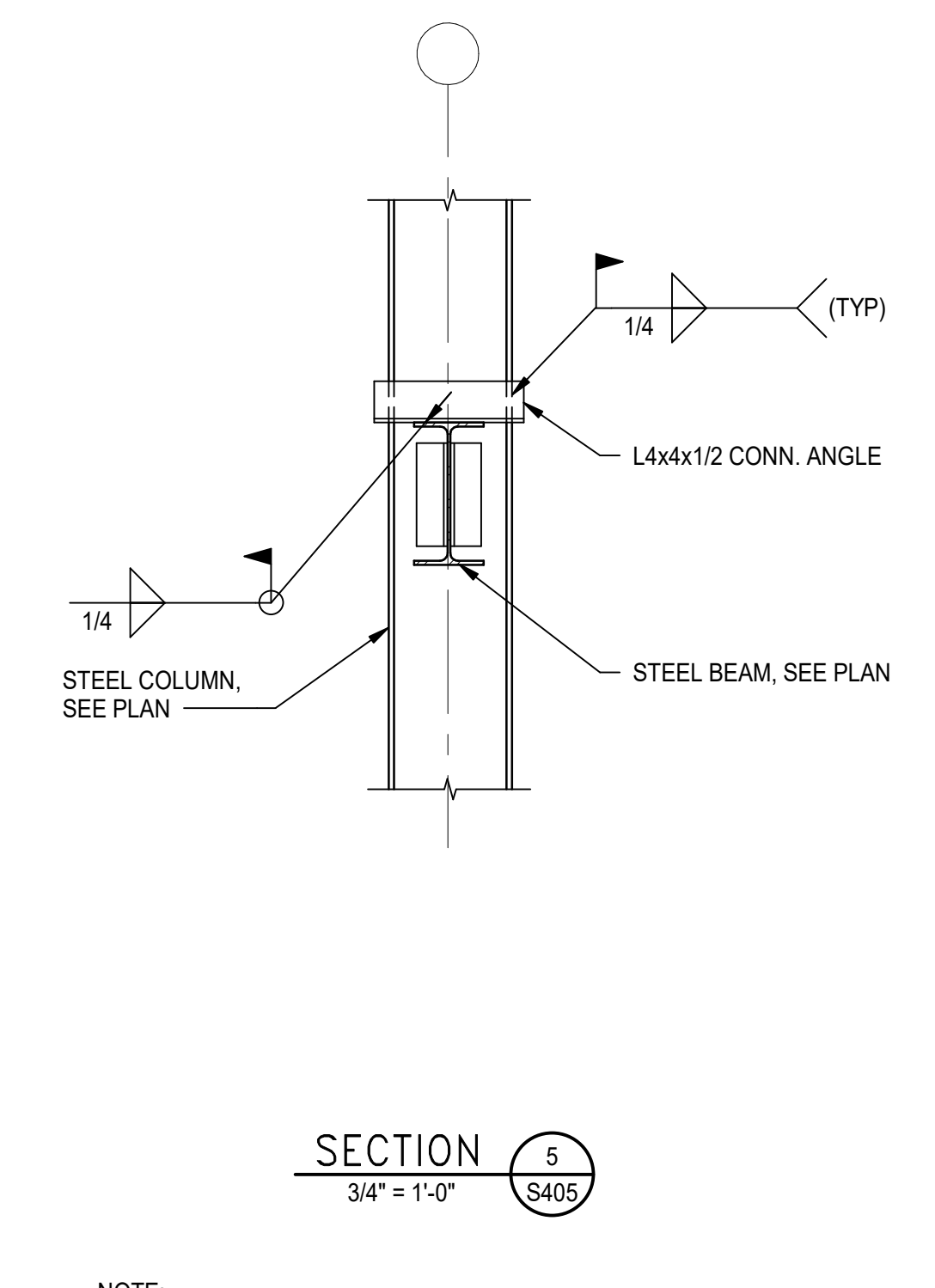
SECTION 3  
3/4" = 1'-0"  
S405

NOTES:  
1. FOR BEAM TO COLUMN CONNECTION, REFER TO SECTION 5 / S405.  
2. PROVIDE 2 1/2" LONG x 1/2" SLOT IN PLATE AT 12" O/C FOR WELDING TO TOP FLANGE OF BEAM.



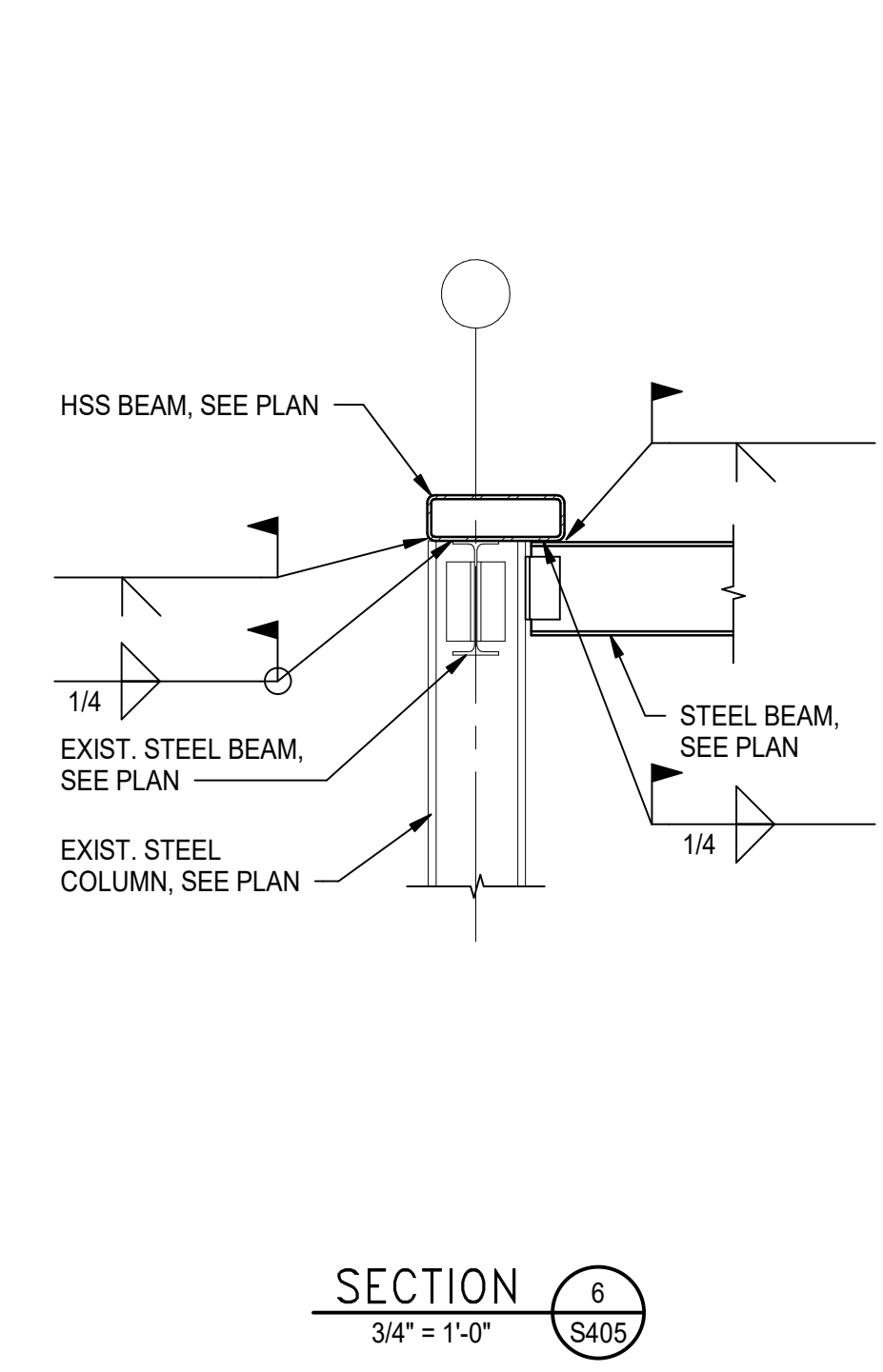
SECTION 4  
3/4" = 1'-0"  
S405

NOTES:  
1. FOR BEAM TO COLUMN CONNECTION, REFER TO SECTION 5 / S405.  
2. PROVIDE 2 1/2" LONG x 1/2" SLOT IN PLATE AT 12" O/C FOR WELDING TO TOP FLANGE OF BEAM.



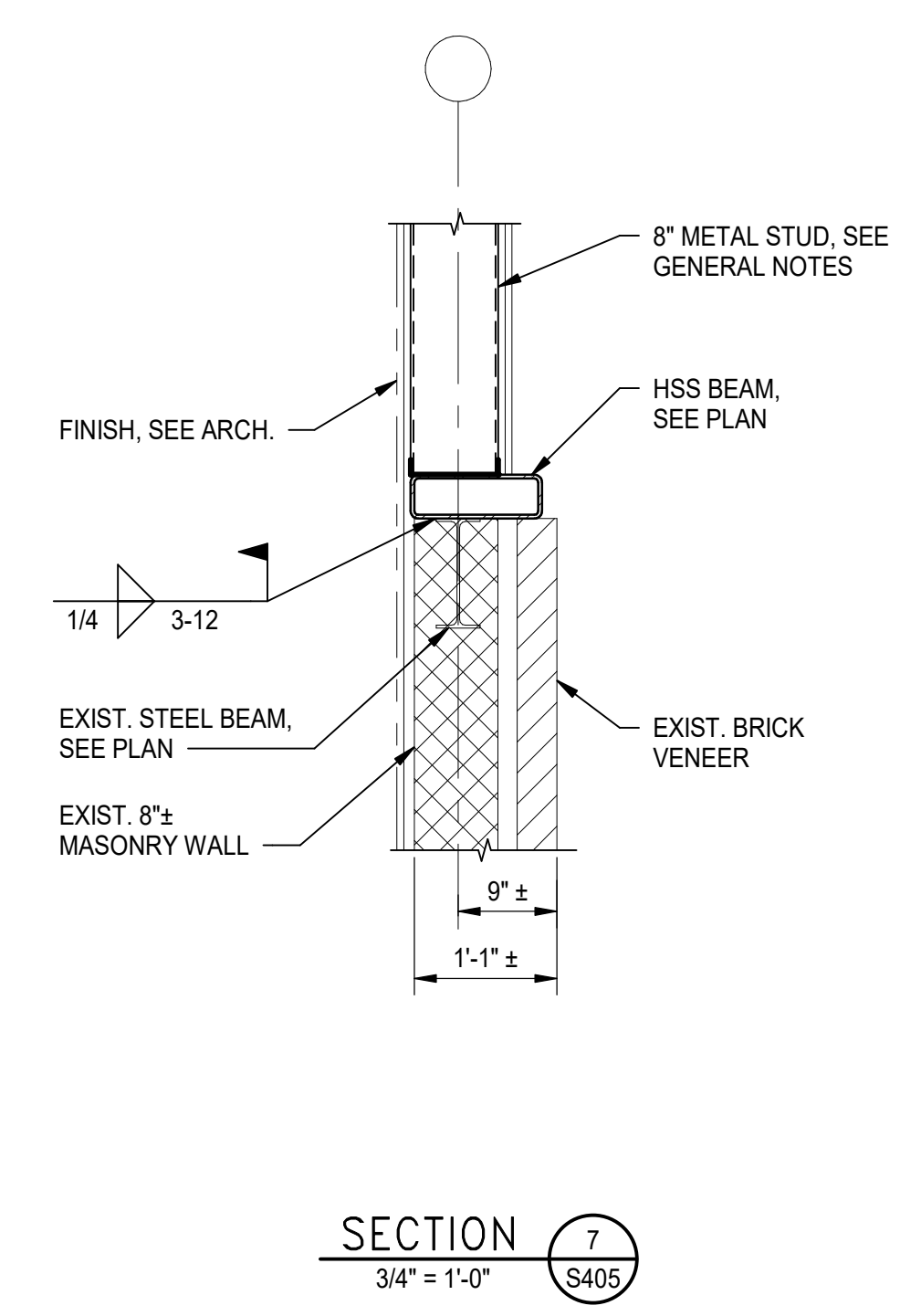
SECTION 5  
3/4" = 1'-0"  
S405

NOTE:  
1. FOR TYPICAL BEAM WEB TO COLUMN CONNECTION, REFER TO N / S303 SIMILAR.

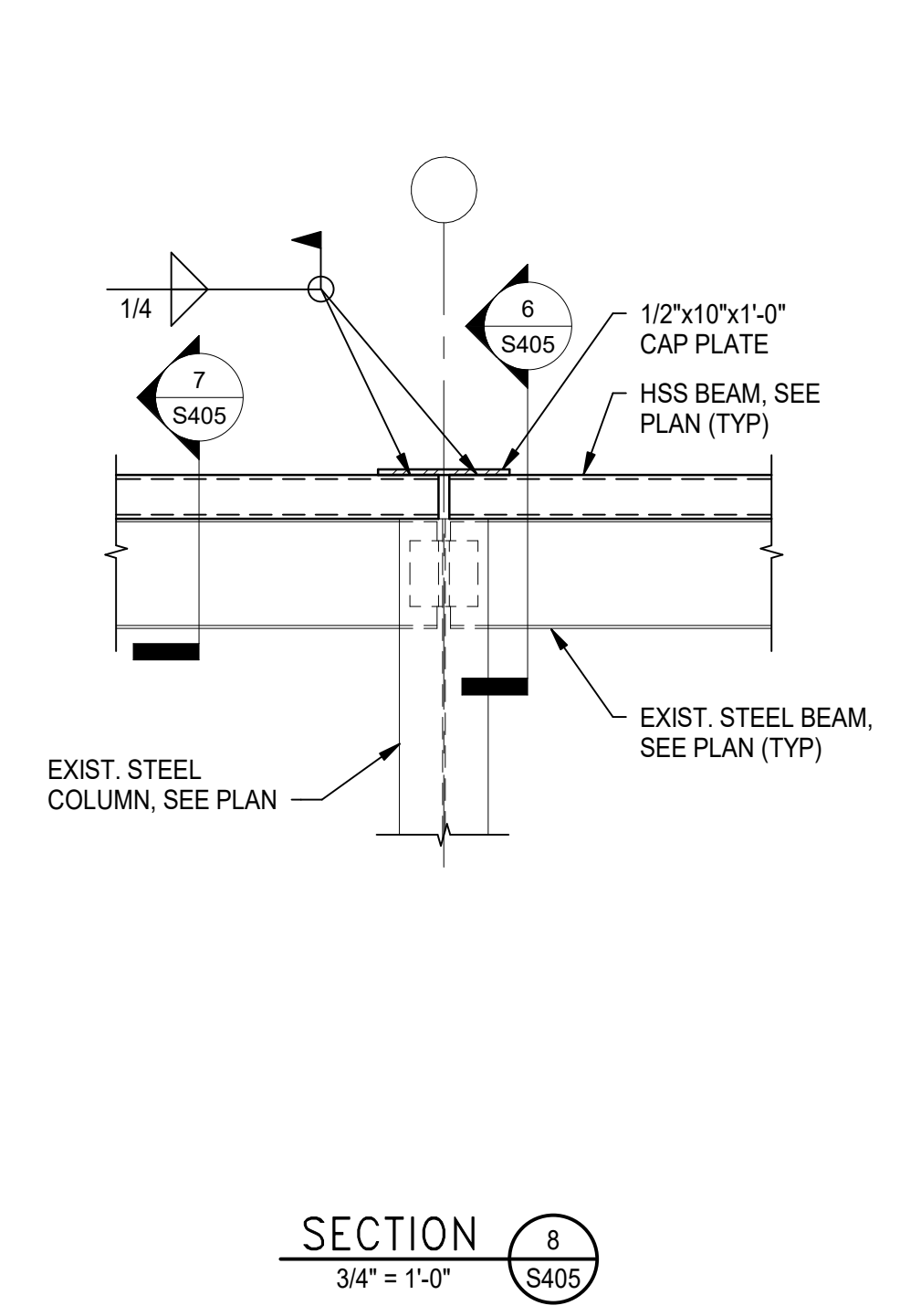


SECTION 6  
3/4" = 1'-0"  
S405

NOTE:  
1. METAL STUD/EXISTING MASONRY WALL NOT SHOWN FOR CLARITY.

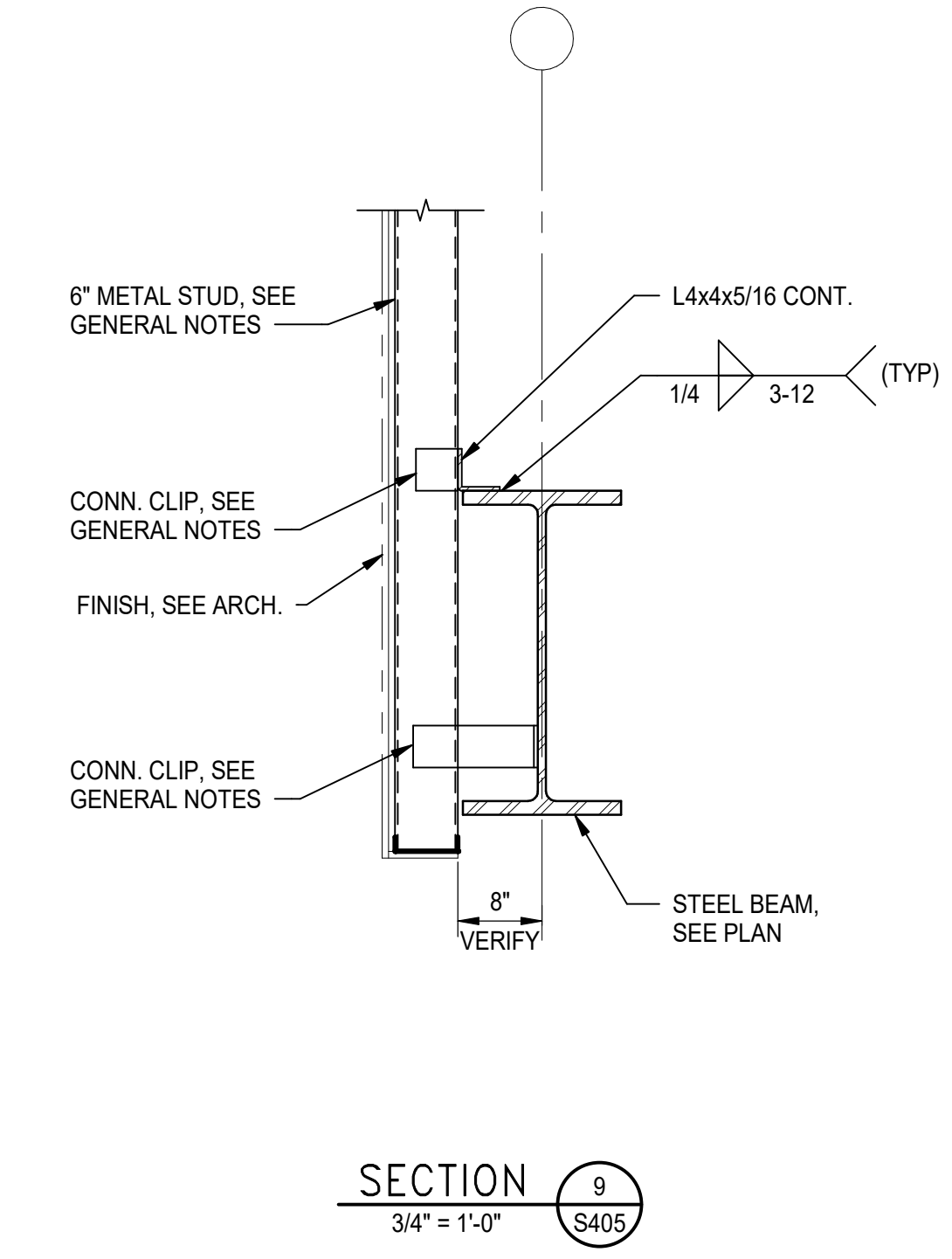


SECTION 7  
3/4" = 1'-0"  
S405

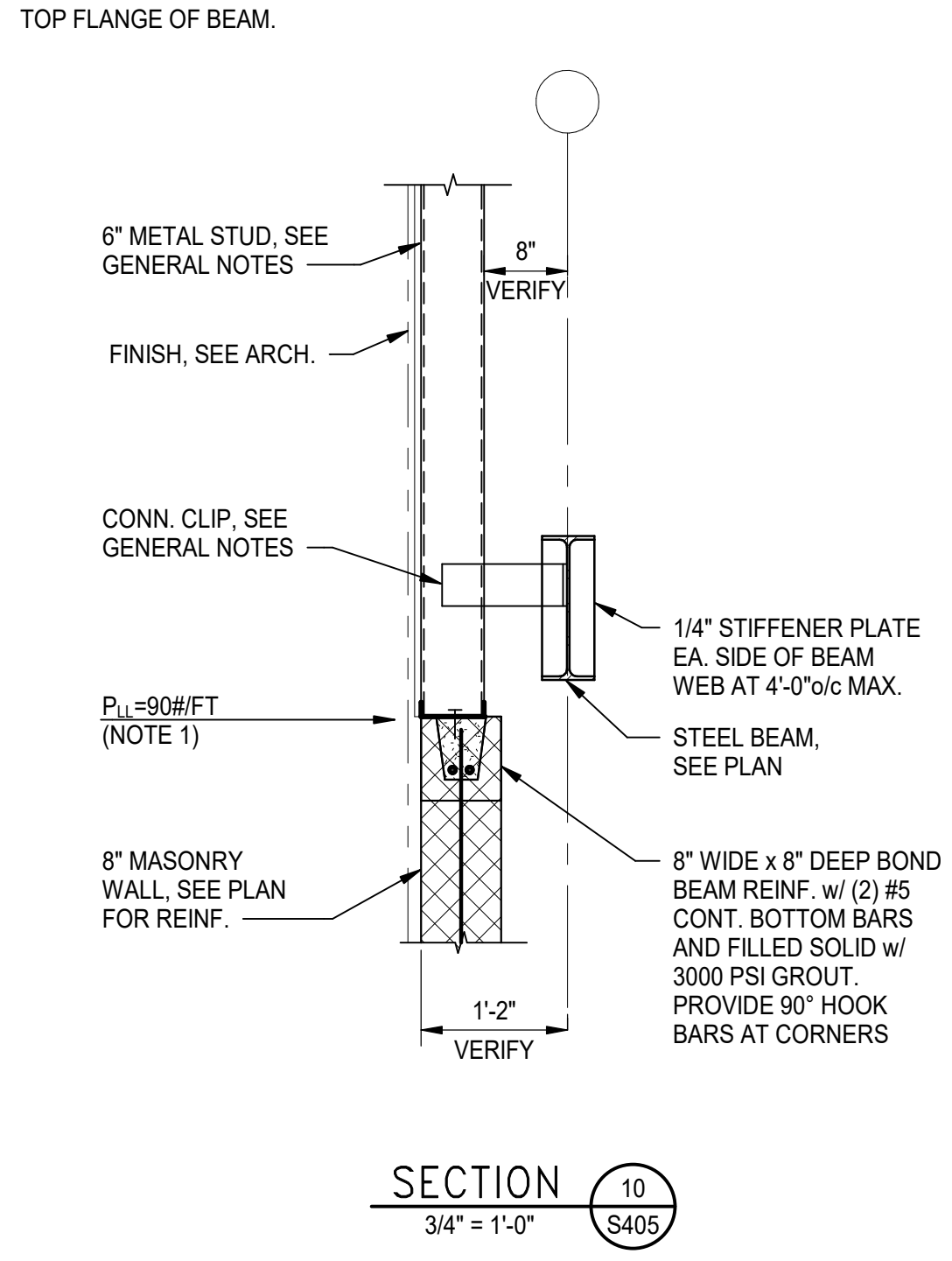


SECTION 8  
3/4" = 1'-0"  
S405

NOTES:  
1. NEW BEAM TO EXISTING COLUMN CONNECTION BEYOND NOT SHOWN FOR CLARITY.  
2. METAL STUD/EXISTING MASONRY WALL NOT SHOWN FOR CLARITY.

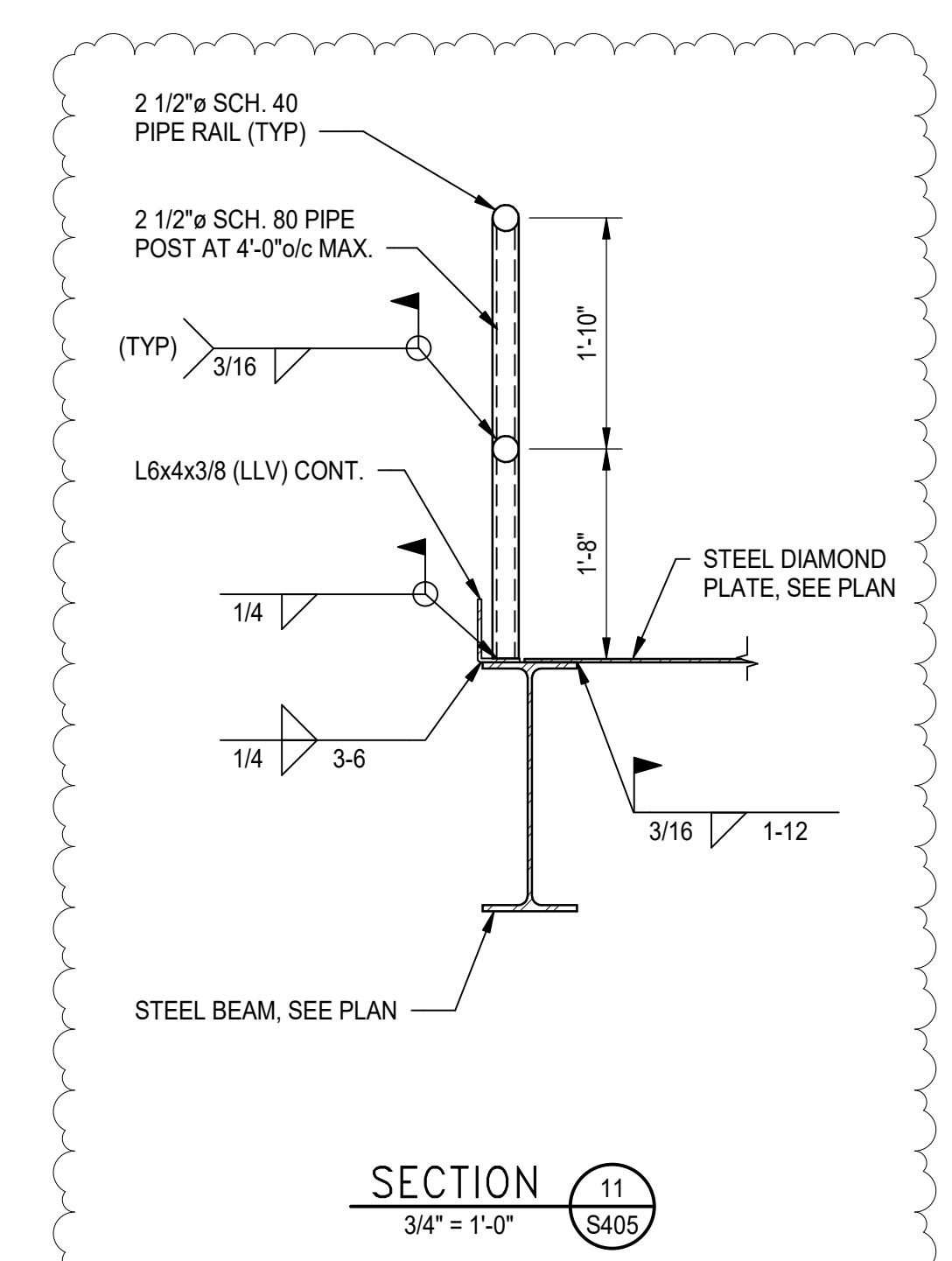


SECTION 9  
3/4" = 1'-0"  
S405

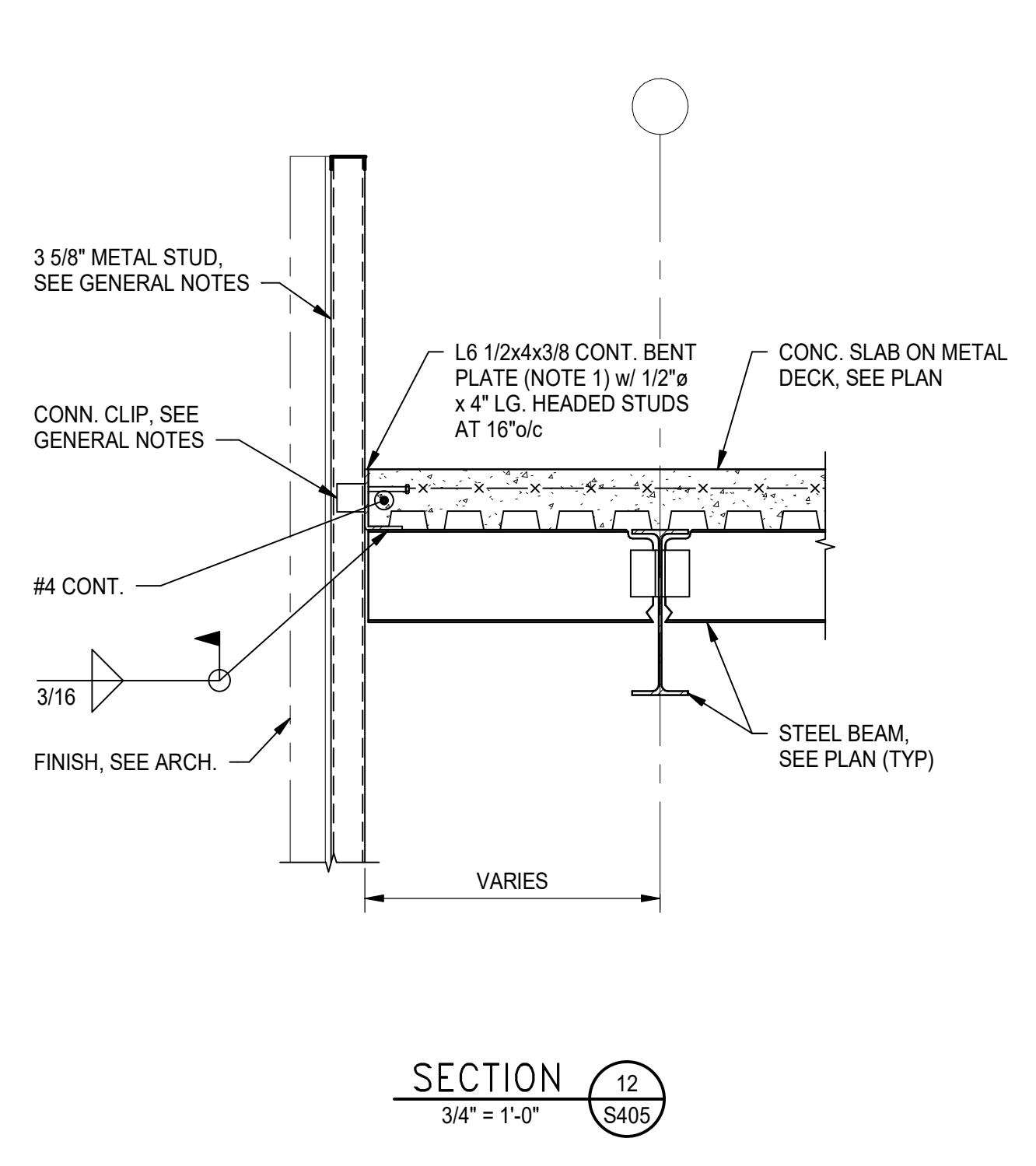


SECTION 10  
3/4" = 1'-0"  
S405

NOTE:  
1. STUD WALL AND CONNECTIONS TO BOND BEAM AND CONTINUOUS ANGLE AT STEEL BEAM SHALL BE DESIGNED TO SUPPORT 90#/FT LATERAL LOAD AT TOP OF MASONRY WALL.

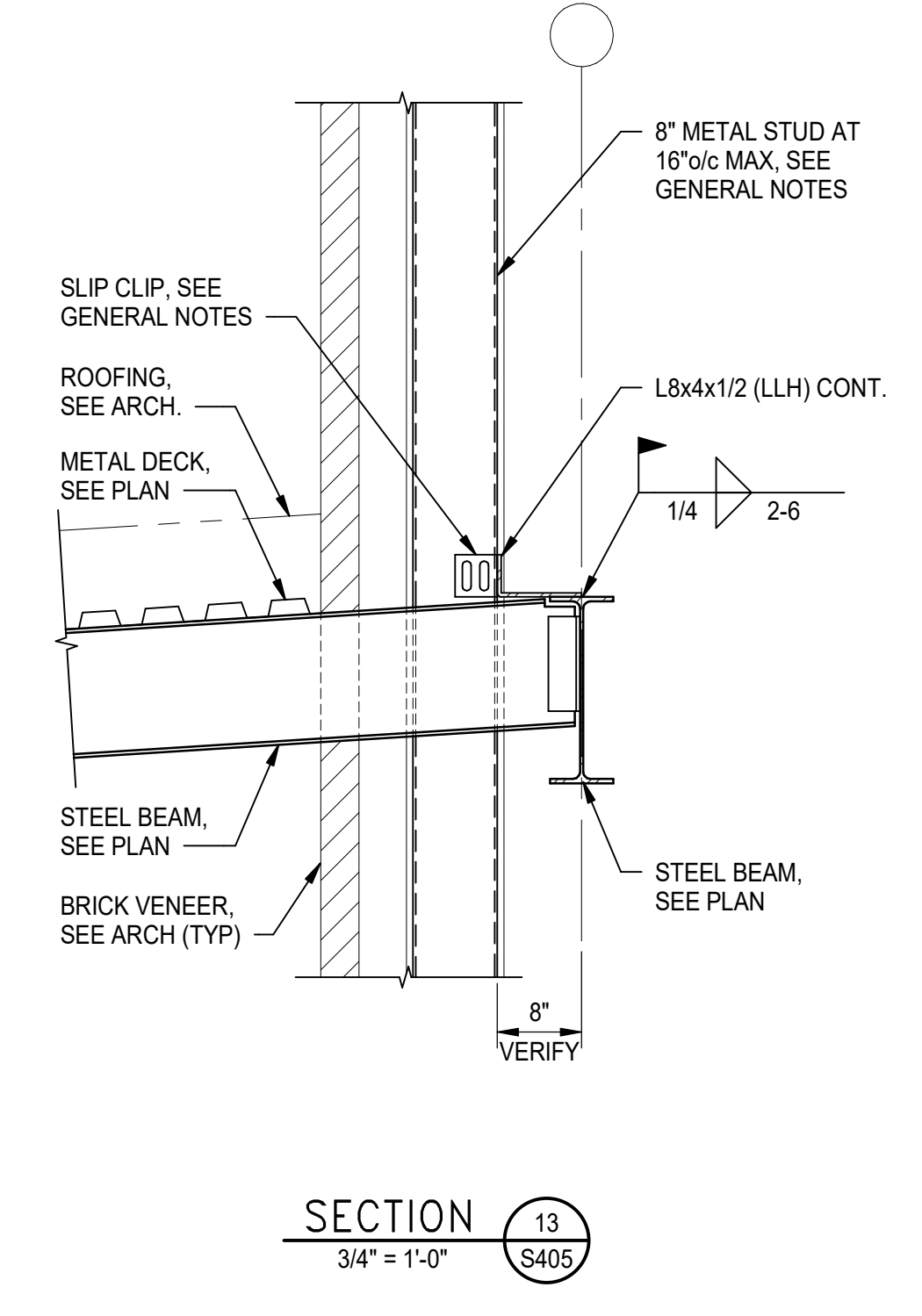


SECTION 11  
3/4" = 1'-0"  
S405

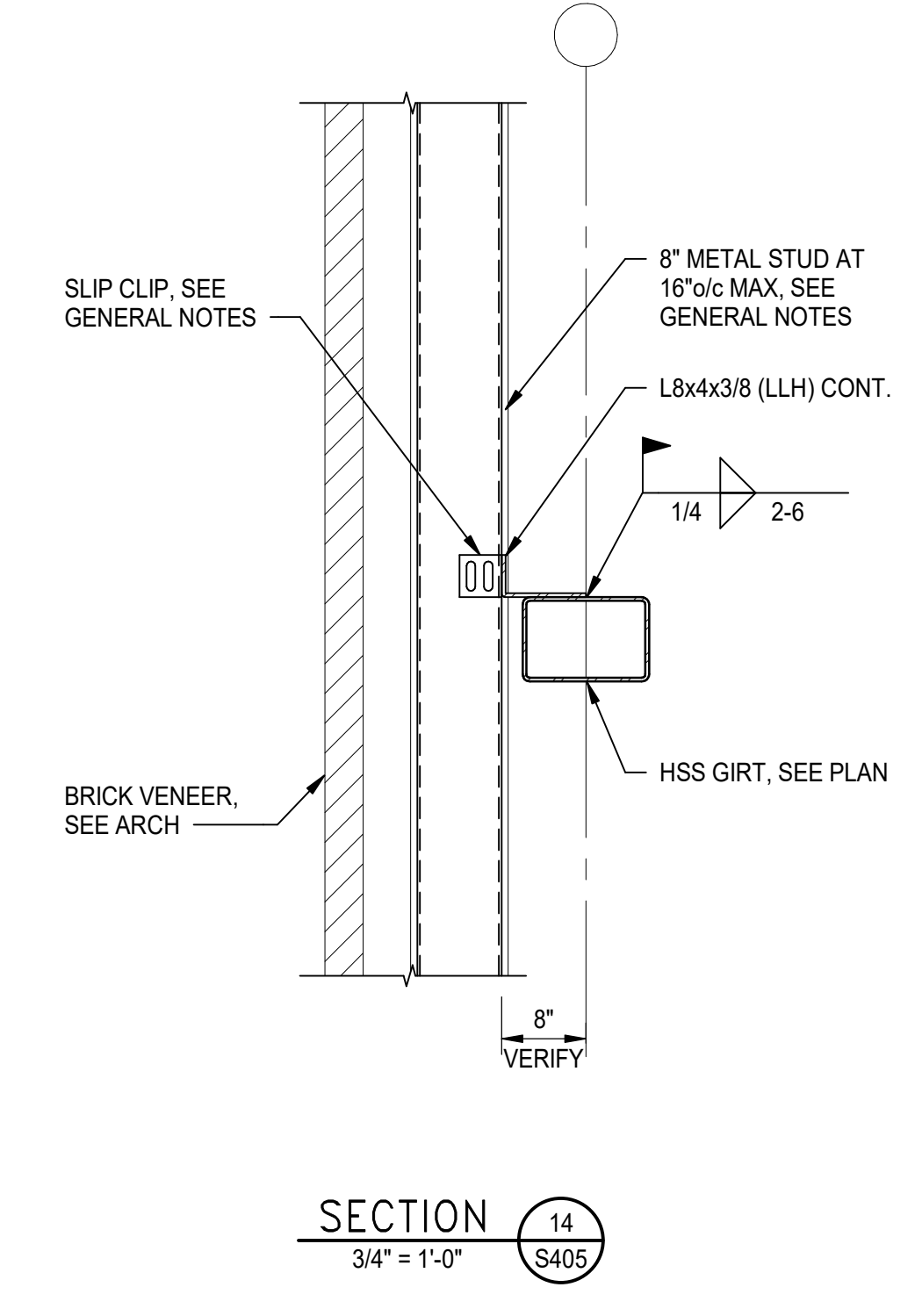


SECTION 12  
3/4" = 1'-0"  
S405

NOTES:  
1. MITER AND PROVIDE FULL PENETRATION WELDS ALONG BOTH LEGS OF ANGLE AT ALL SLAB JOGS AND SPLICE LOCATIONS.  
2. FOR BEAM TO BEAM MOMENT CONNECTION REFER TO DETAIL N / S302.

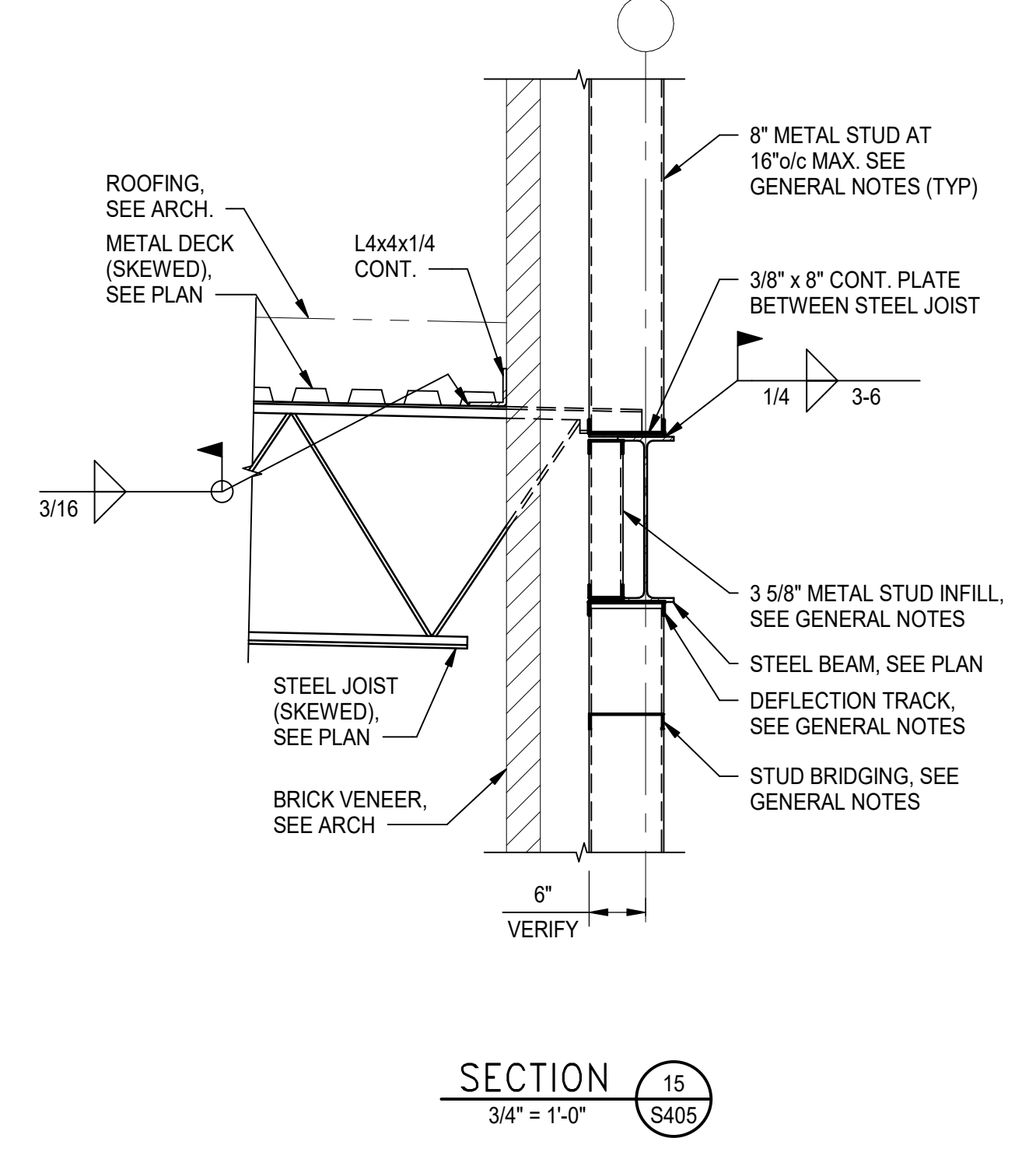


SECTION 13  
3/4" = 1'-0"  
S405

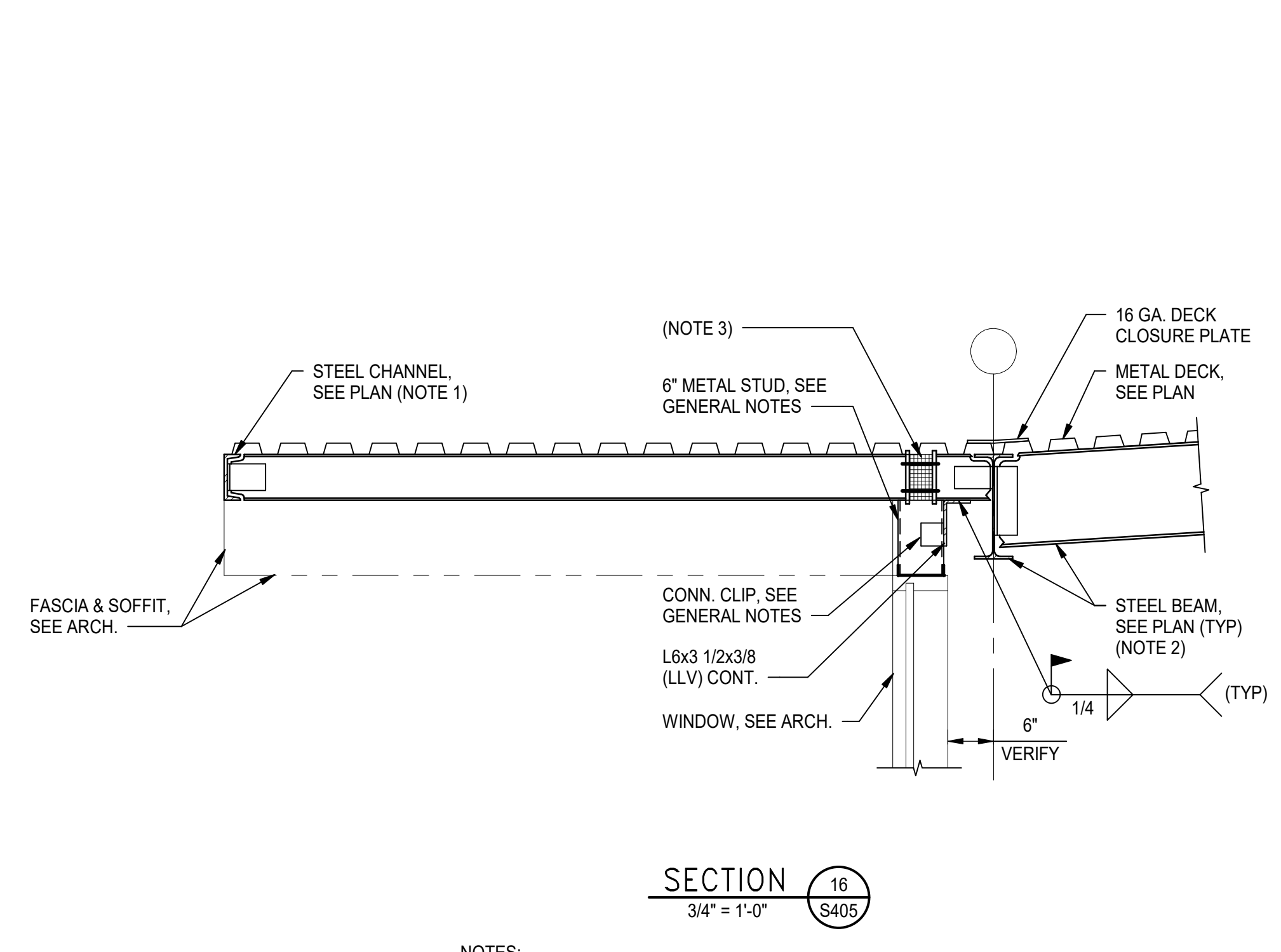


SECTION 14  
3/4" = 1'-0"  
S405

NOTE:  
1. FOR HSS GIRTS TO COLUMN CONNECTION BEYOND, SEE DETAIL N / S304.



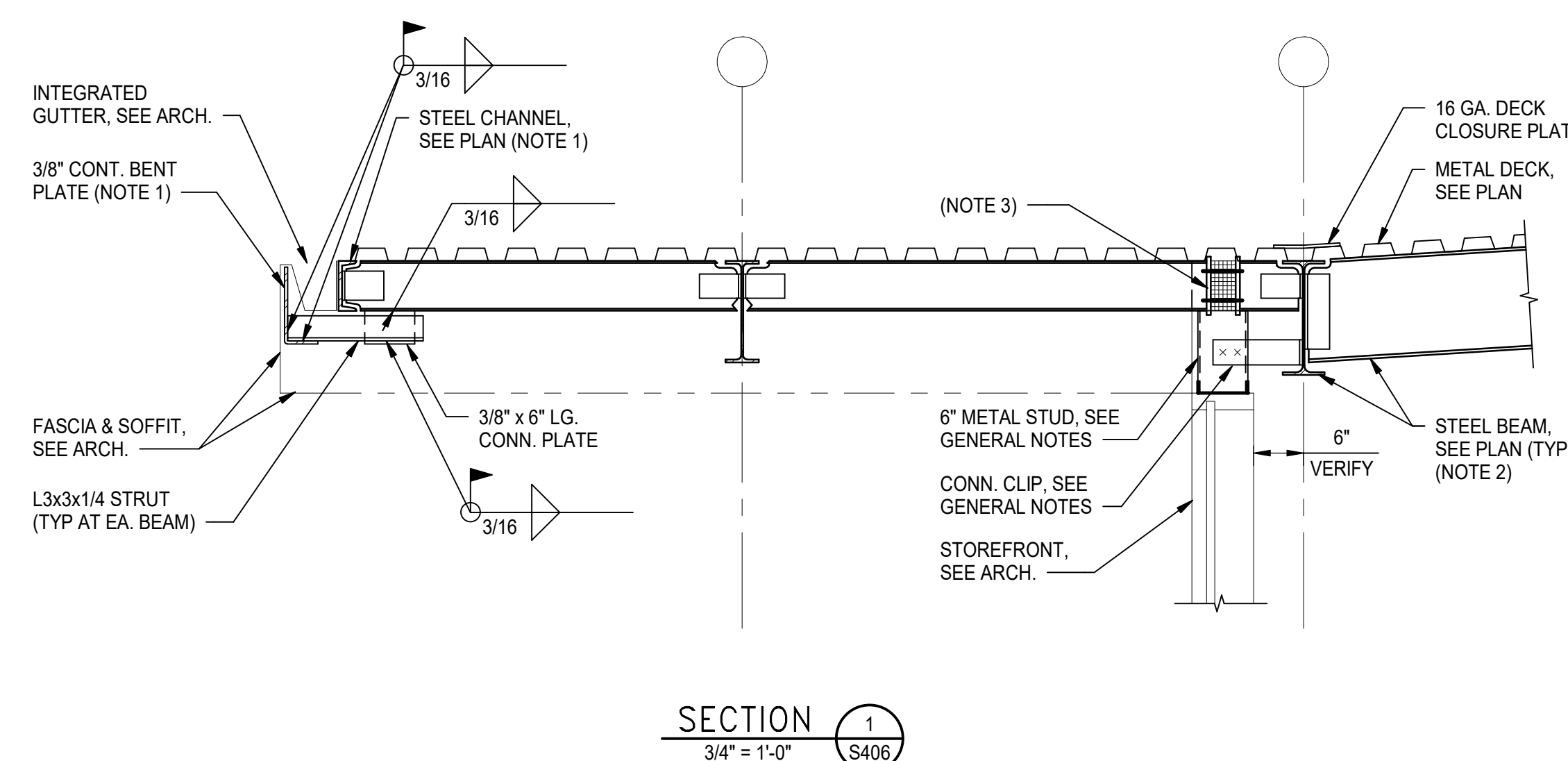
SECTION 15  
3/4" = 1'-0"  
S405



SECTION 16  
3/4" = 1'-0"  
S405

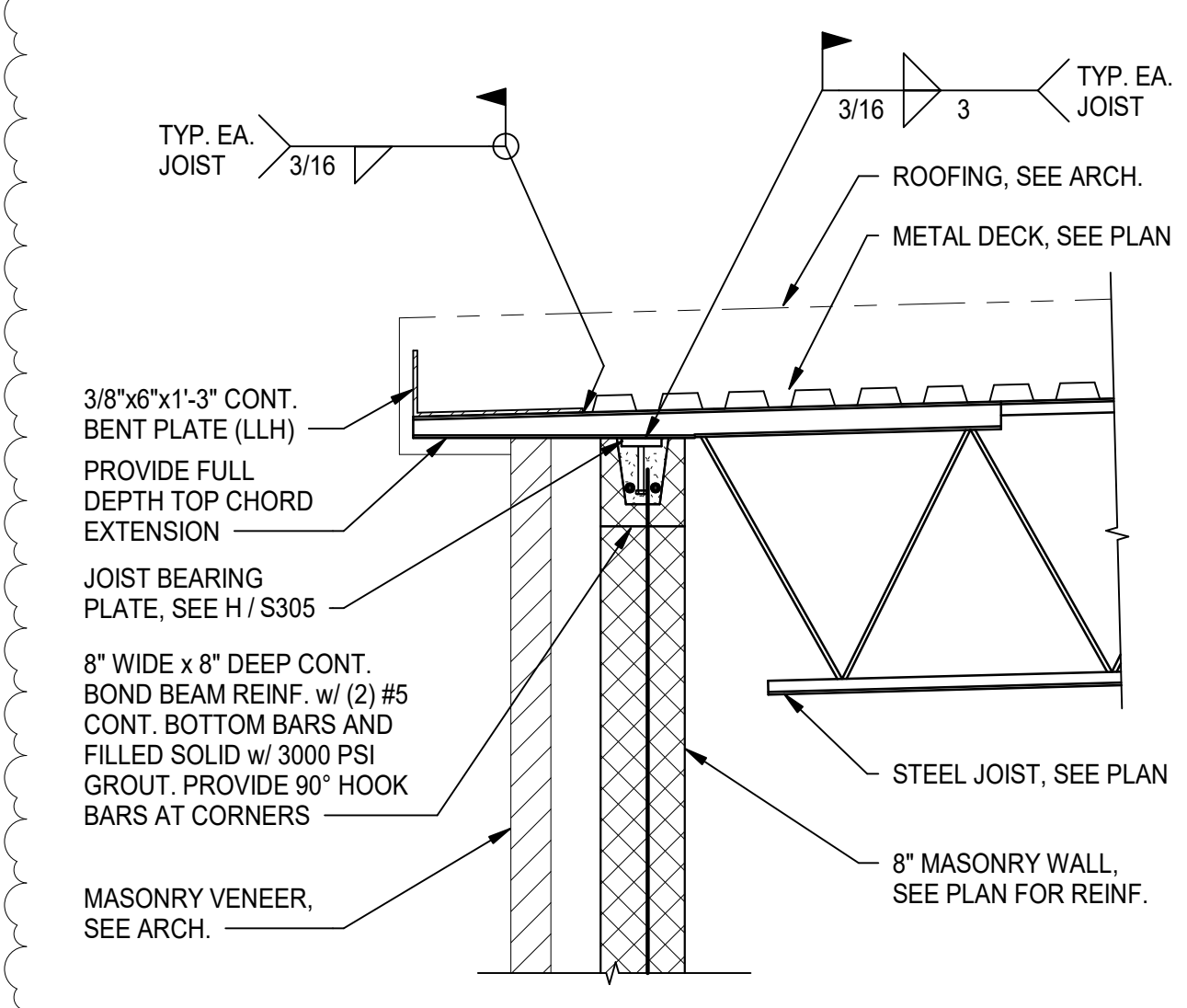
NOTES:  
1. MITER AND PROVIDE WELD, SHEAR PLATES AND CONNECTION ANGLES AT ALL CORNERS AND FIELD SPLICE LOCATIONS.  
2. FOR BEAM TO BEAM MOMENT CONNECTION REFER TO DETAIL N / S302 TYPICAL.  
3. PROVIDE THERMAL BREAK BEAM CONNECTION CAPABLE OF DEVELOPING FULL MOMENT AND SHEAR CAPACITY OF STEEL BEAM TO BE DESIGNED BY MANUFACTURER. SUBMIT SIGNED AND SEALED SHOP DRAWINGS AND CALCULATIONS FOR REVIEW.

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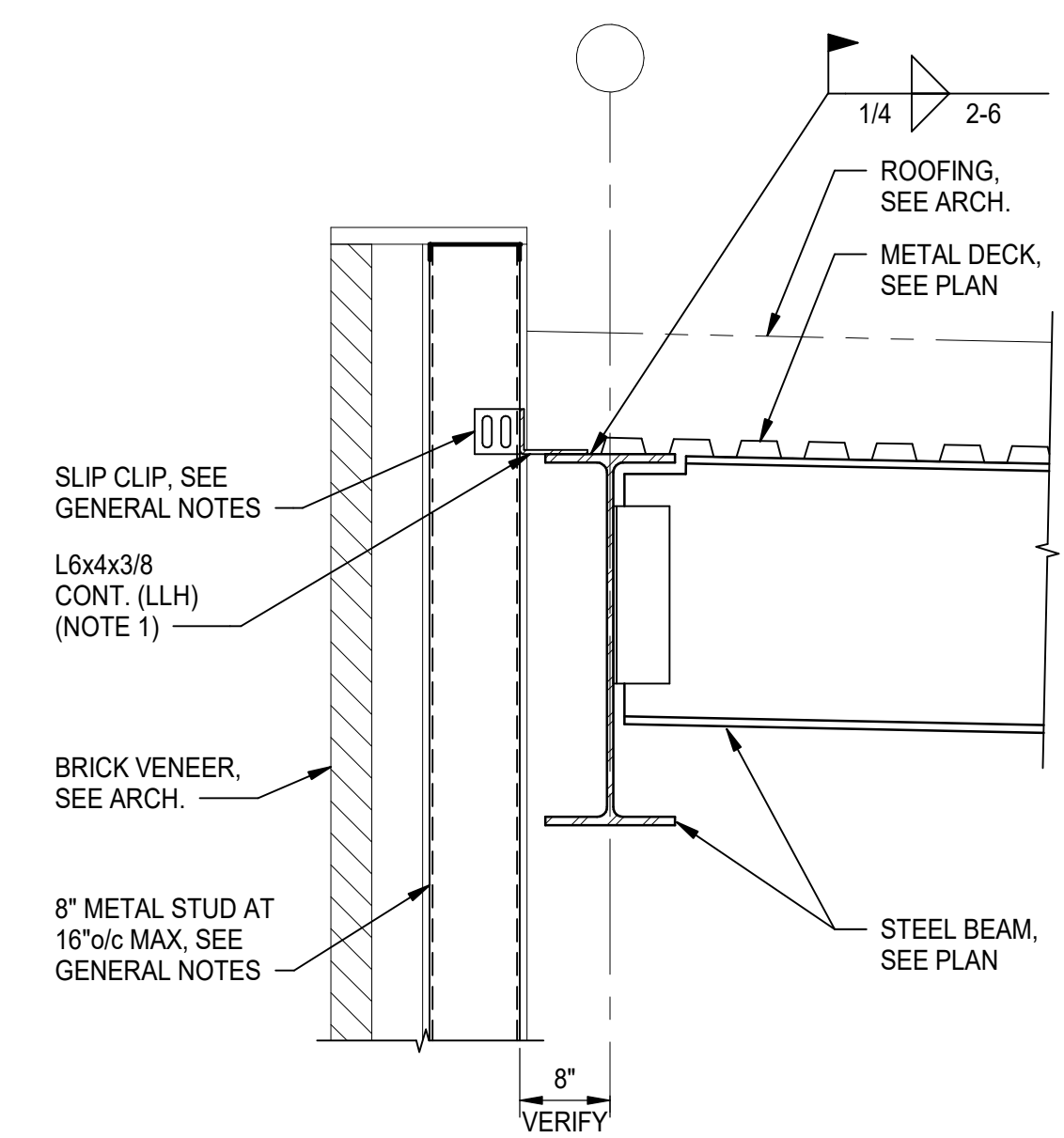


SECTION 1  
3/4" = 1'-0"  
S406

- NOTES:  
1. MITER AND PROVIDE WELD, SHEAR PLATES AND CONNECTION ANGLES AT ALL CORNERS AND FIELD SPICE LOCATIONS.  
2. FOR BEAM TO BEAM MOMENT CONNECTION REFER TO DETAIL N / S302 TYPICAL.  
3. PROVIDE THERMAL BREAK BEAM CONNECTION CAPABLE OF DEVELOPING FULL MOMENT AND SHEAR CAPACITY OF STEEL BEAM TO BE DESIGNED BY MANUFACTURER. SUBMIT SIGNED AND SEALED SHOP DRAWINGS AND CALCULATIONS FOR REVIEW.

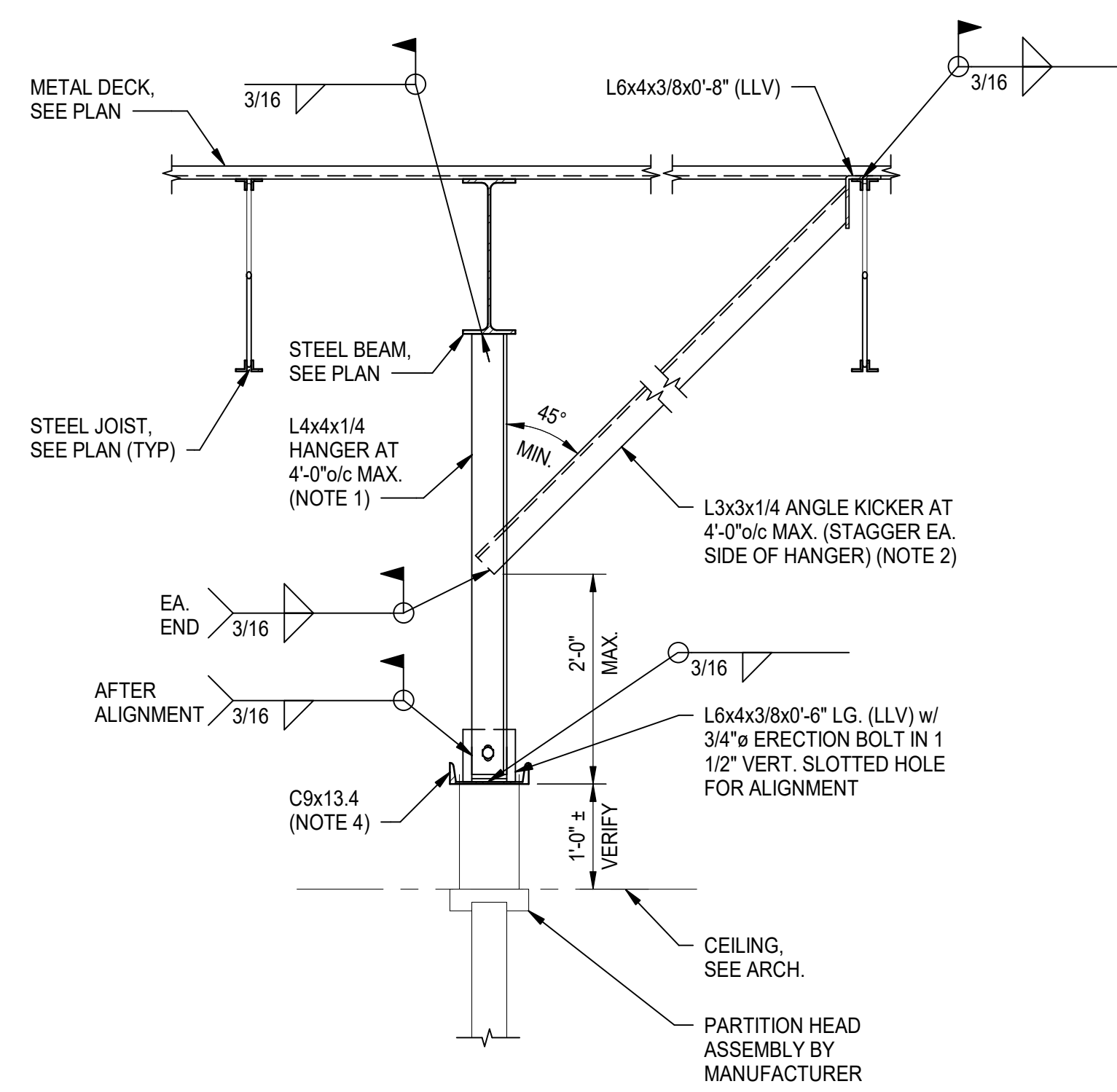


SECTION 2  
3/4" = 1'-0"  
S406



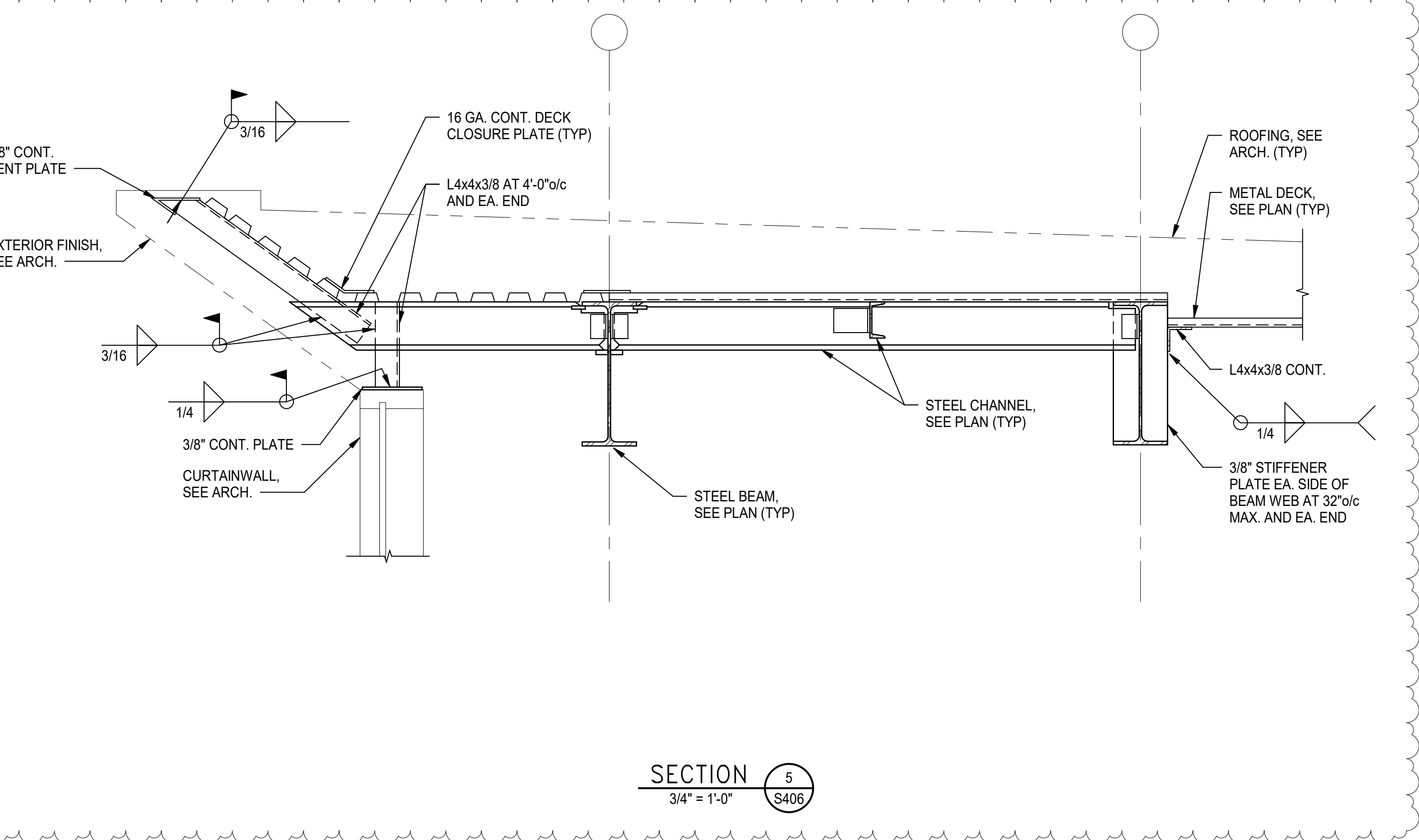
SECTION 3  
3/4" = 1'-0"  
S406

- NOTE:  
1. PROVIDE L8x4x3/8 CONTINUOUS BENT PLATE (LLH) AT W24 SPANDREL BEAMS.

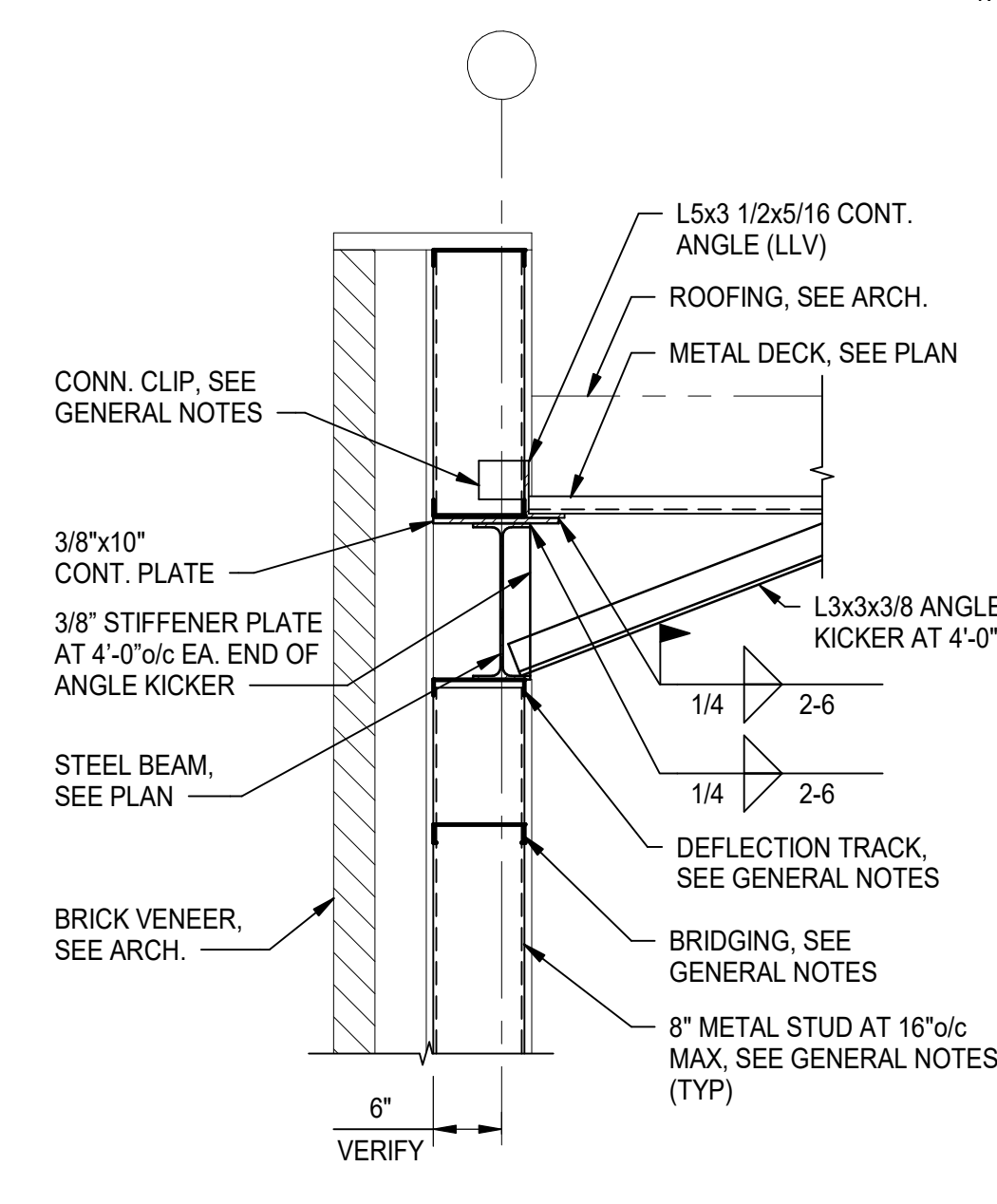


SECTION 4  
3/4" = 1'-0"  
S406

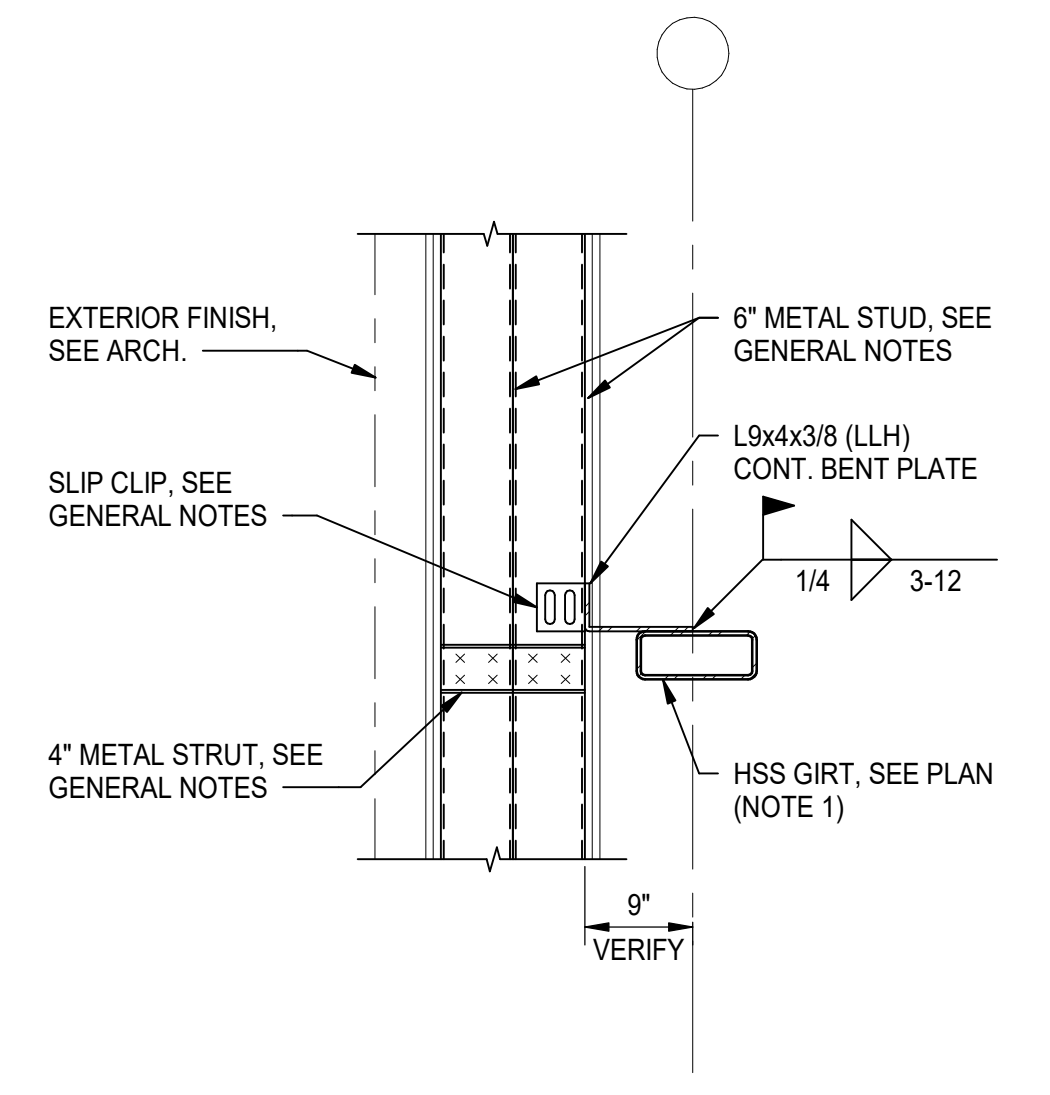
- NOTES:  
1. PROVIDE HANGERS AT 2'-0" o/c AT STACKED END OF FOLDING PARTITION.  
2. PROVIDE KICKER AT 2'-0" o/c AT STACKED END OF FOLDING PARTITION.  
3. STRUCTURAL STEEL SUPPLIER SHALL PROVIDE ADDITIONAL SUPPORT AT STACKED END OF FOLDING PARTITION PER THE PARTITION MANUFACTURER REQUIREMENTS. SUBMIT SHOP DRAWING TO ENGINEER FOR APPROVAL.  
4. PROVIDE PRE-PUNCHED HOLES IN CHANNEL PER APPROVED FOLDING PARTITION SHOP DRAWINGS.  
5. COORDINATE FOLDING PARTITION SUPPORT SYSTEM WITH LOCATION OF HANGER RODS. SEE PARTITION MANUFACTURER AND ARCHITECTURAL DRAWINGS.  
6. ADDITIONAL SUPPORT BRACKET SUPPLIED BY PARTITION MANUFACTURER.



SECTION 5  
3/4" = 1'-0"  
S406

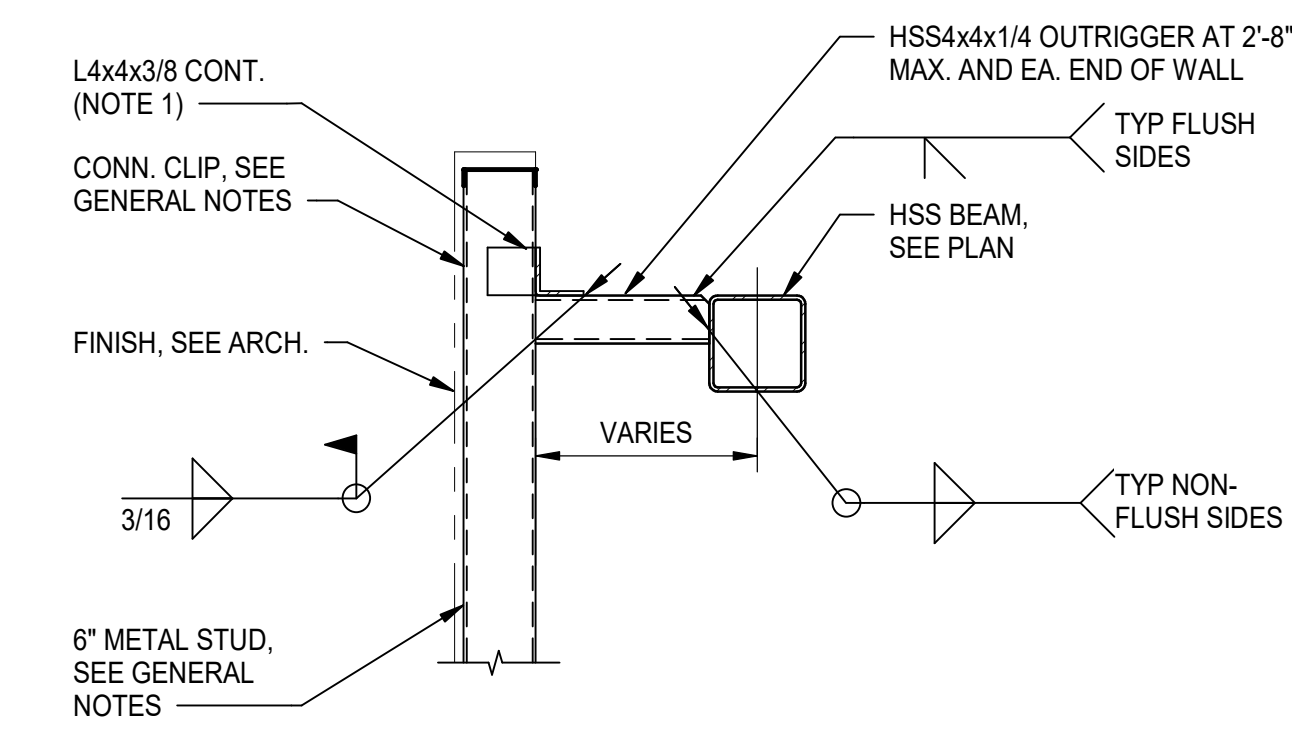


SECTION 6  
3/4" = 1'-0"  
S406



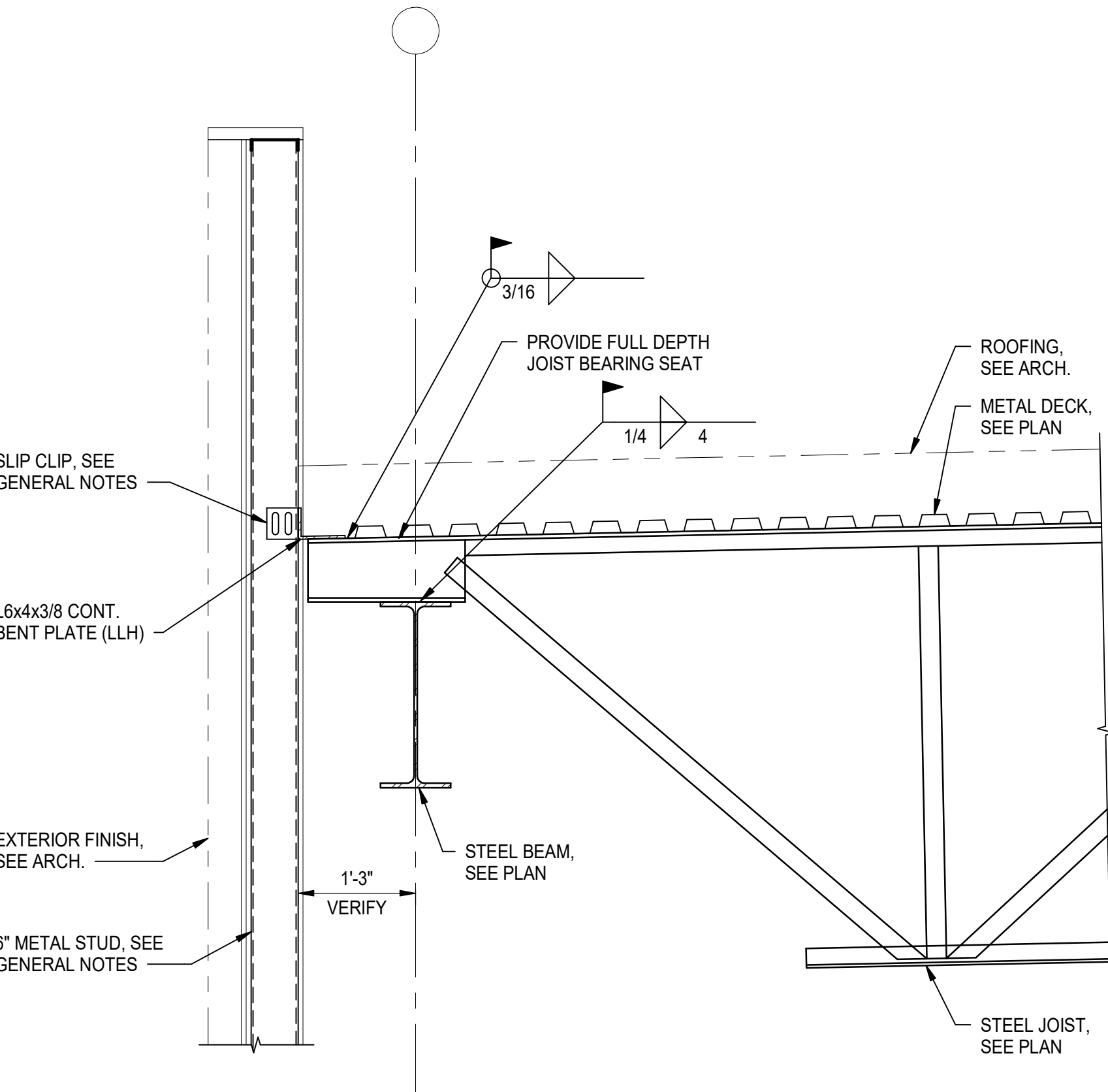
SECTION 7  
3/4" = 1'-0"  
S406

- NOTE:  
1. FOR HSS GIRT TO COLUMN CONNECTION BEYOND REFER TO DETAIL N / S304.

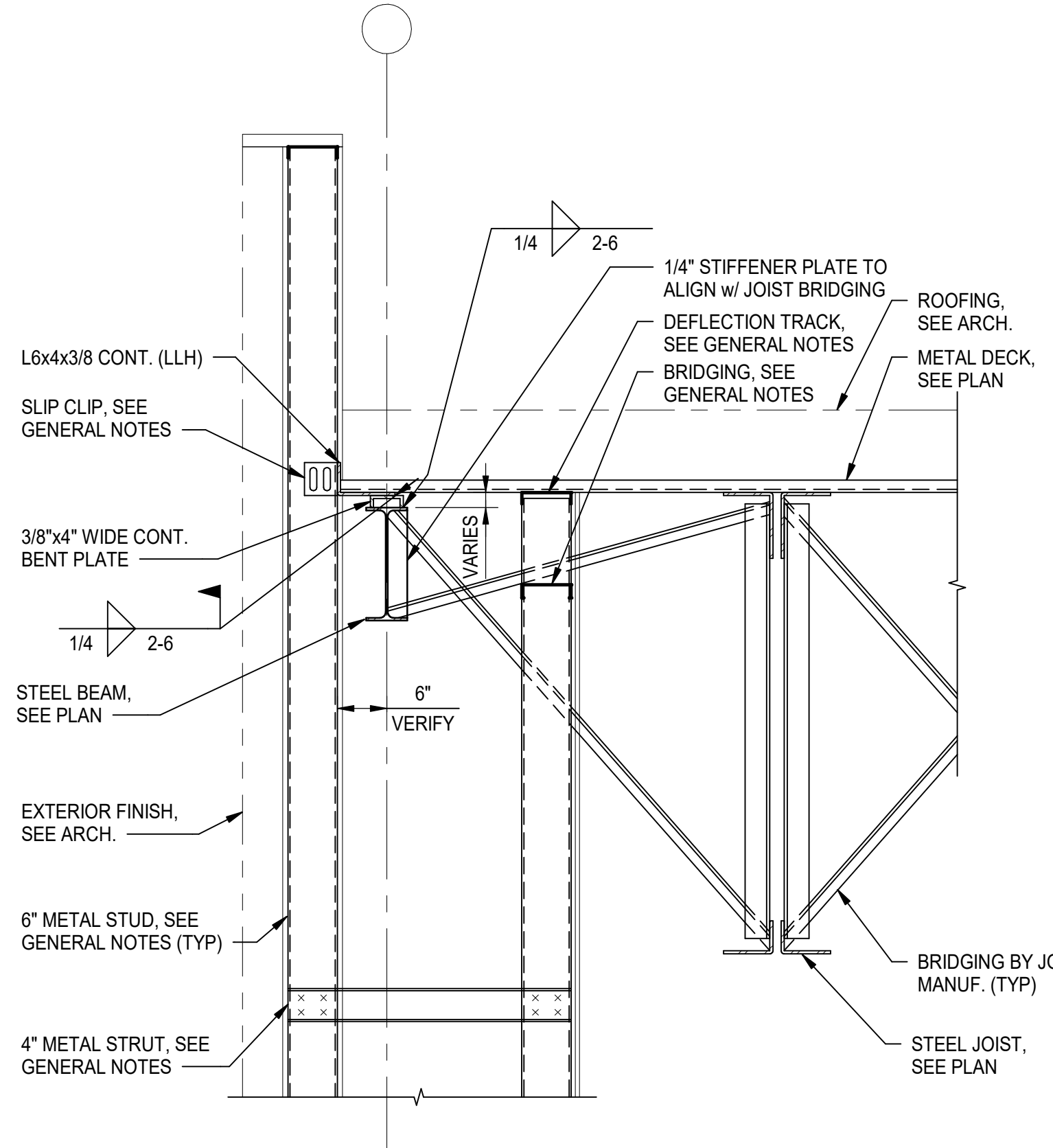


SECTION 8  
3/4" = 1'-0"  
S406

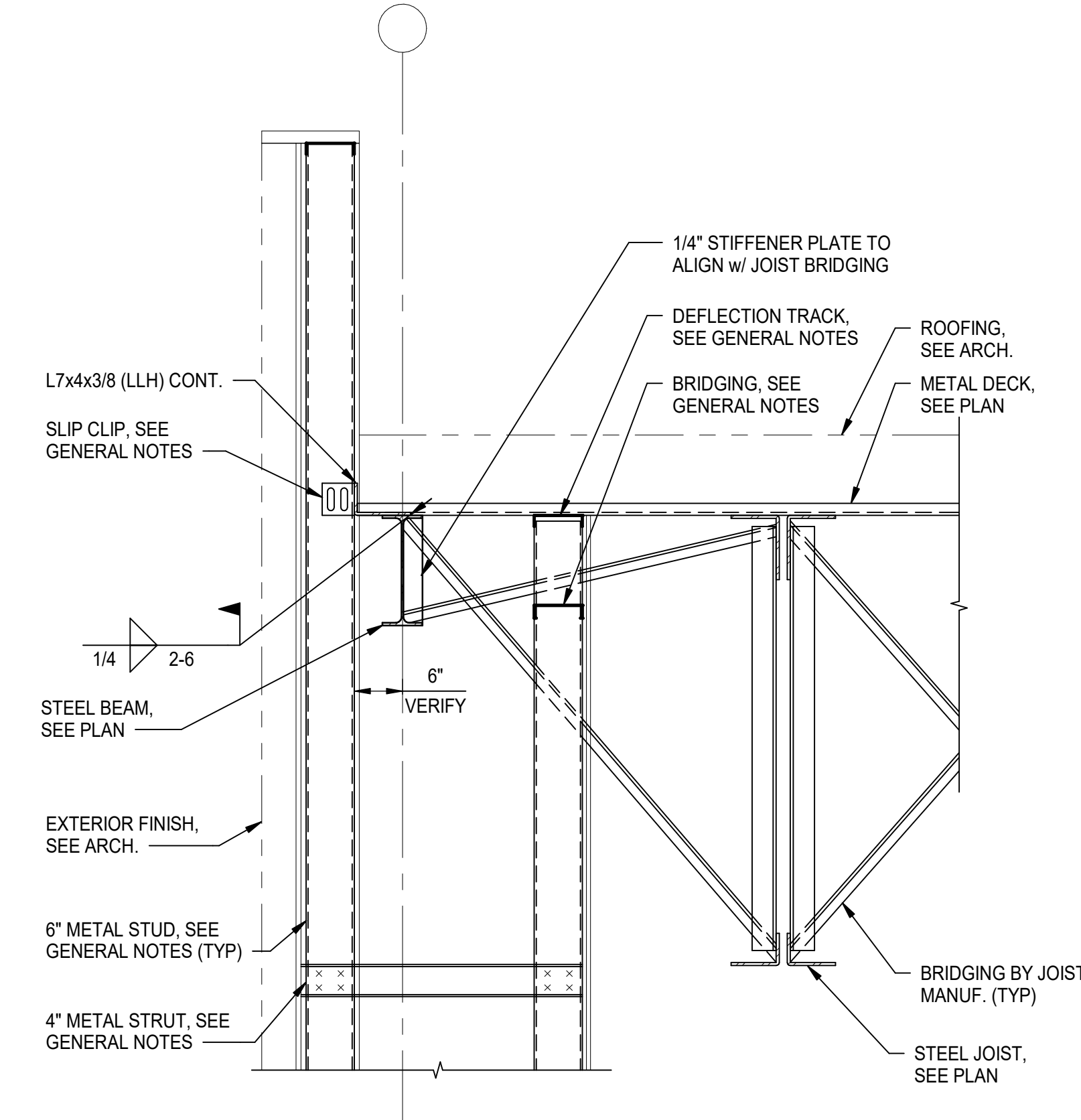
- NOTE:  
1. ANGLE TO BE MITERED WITH FULL PENETRATION WELD AT WALL JOGS.



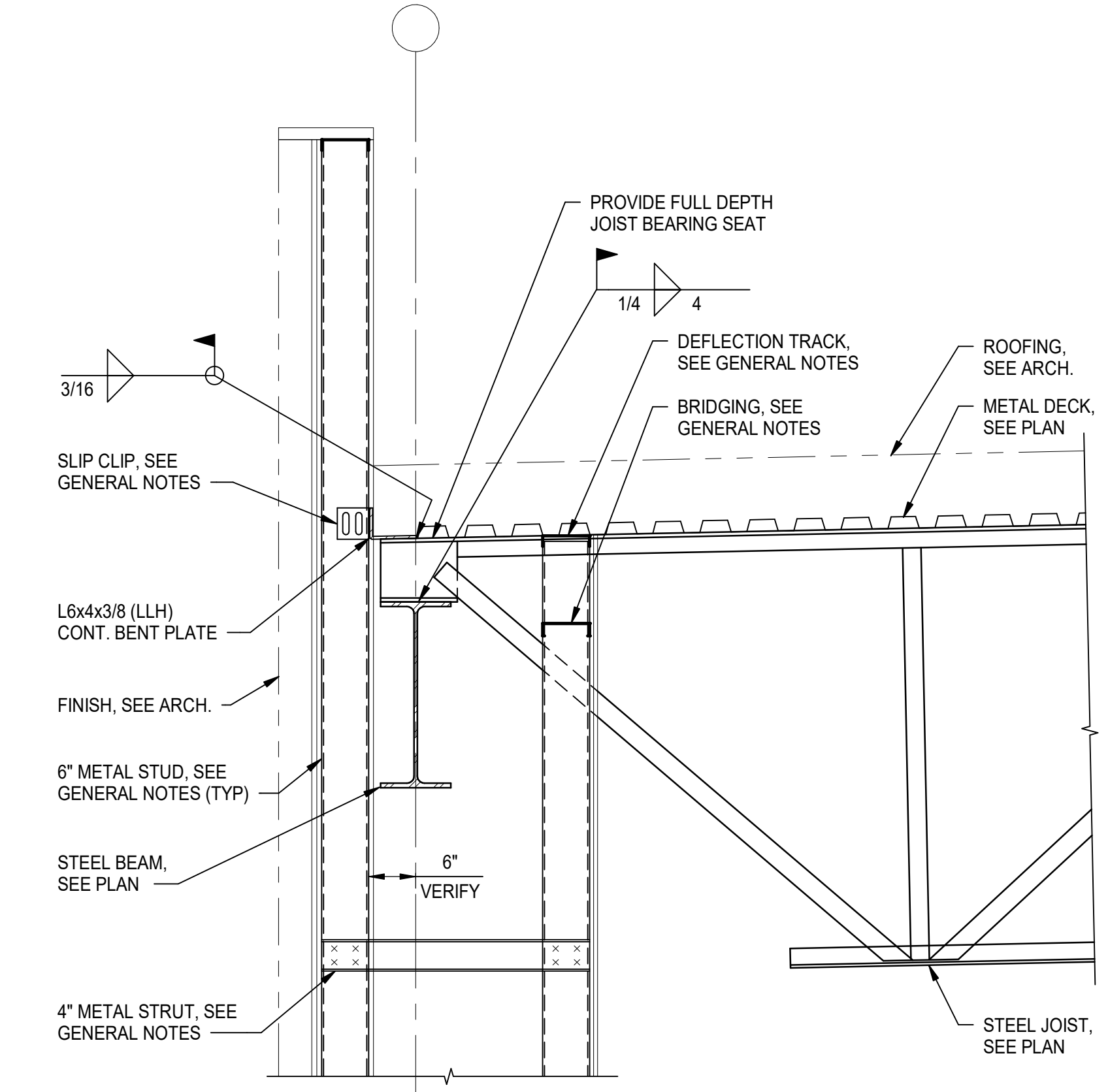
SECTION 9  
3/4" = 1'-0"  
S406



SECTION 10  
3/4" = 1'-0"  
S406

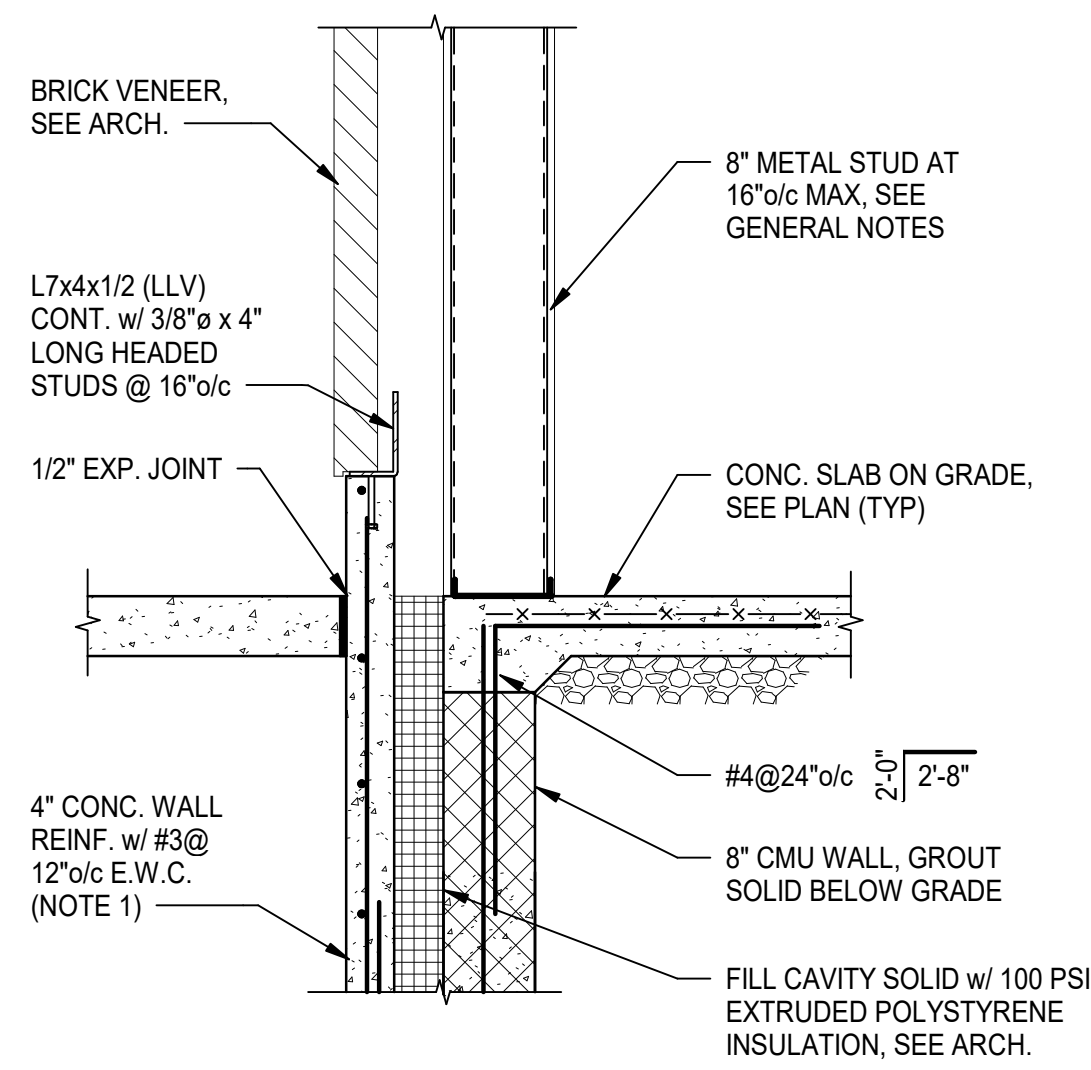


SECTION 11  
3/4" = 1'-0"  
S406

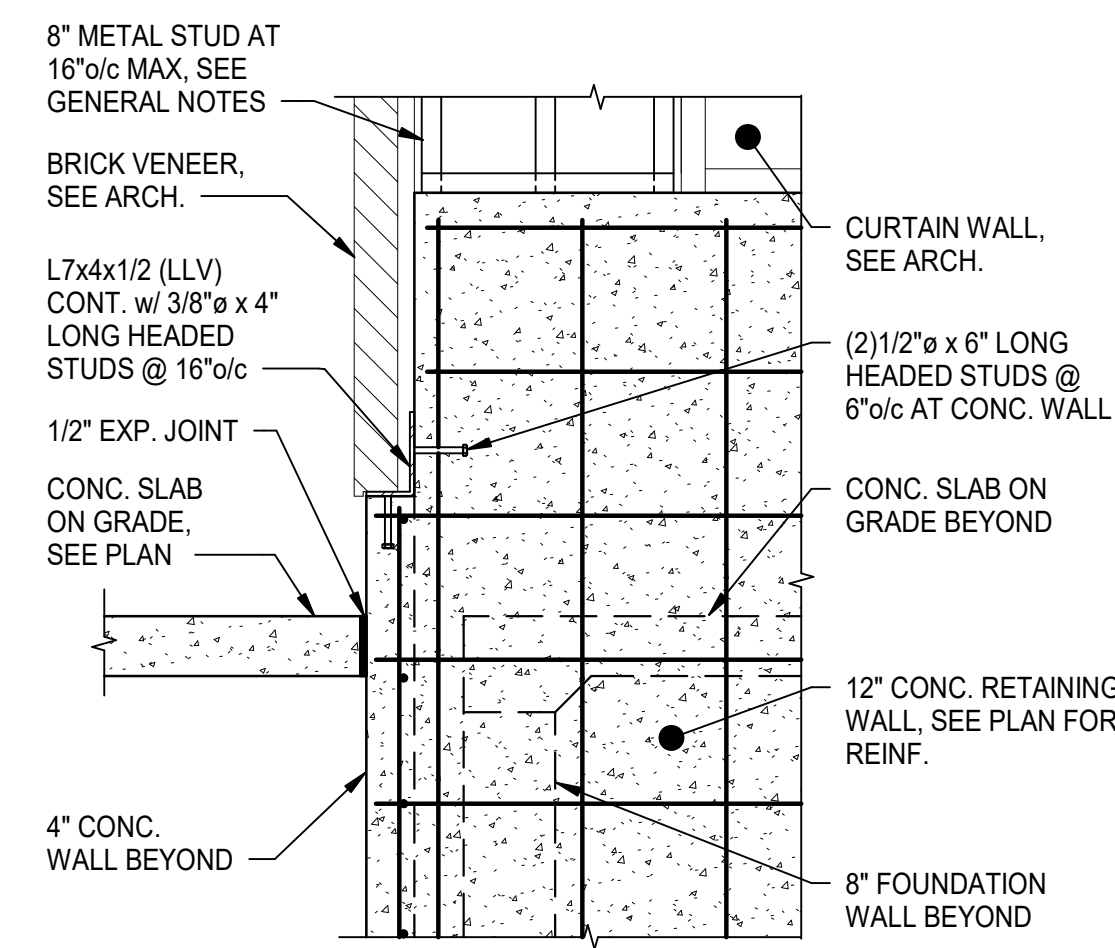


SECTION 12  
3/4" = 1'-0"  
S406

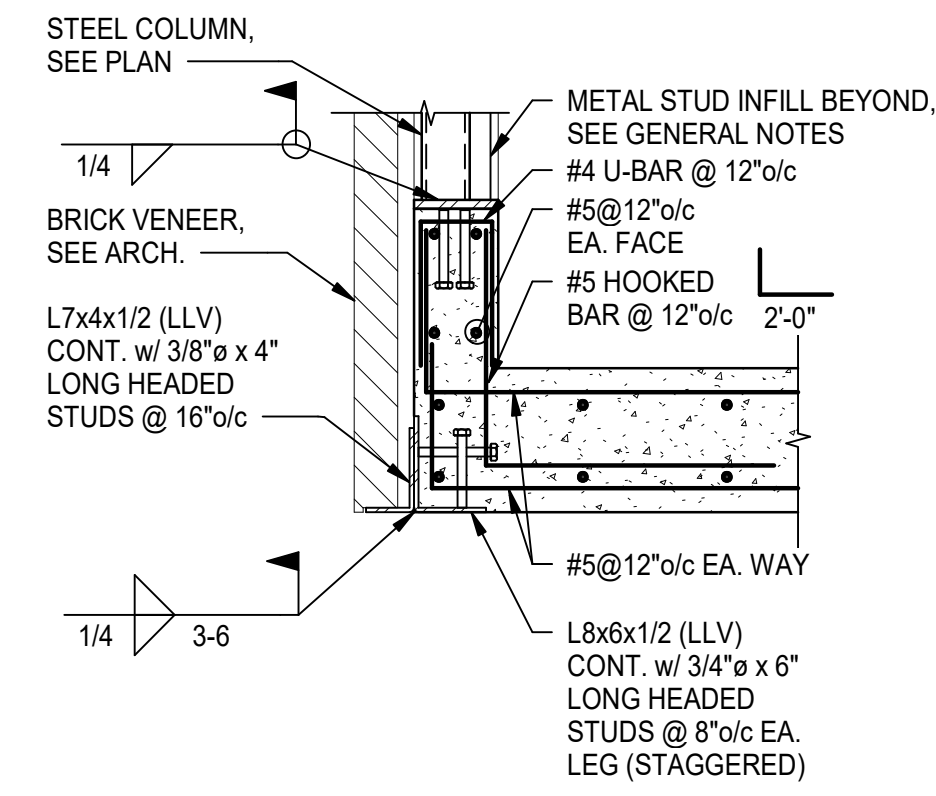
C:\Users\Blandis\Documents\100-CEPAC-STRUC\100-CEPAC-STRUC.dwg 12/11/2019 1:48:18 PM



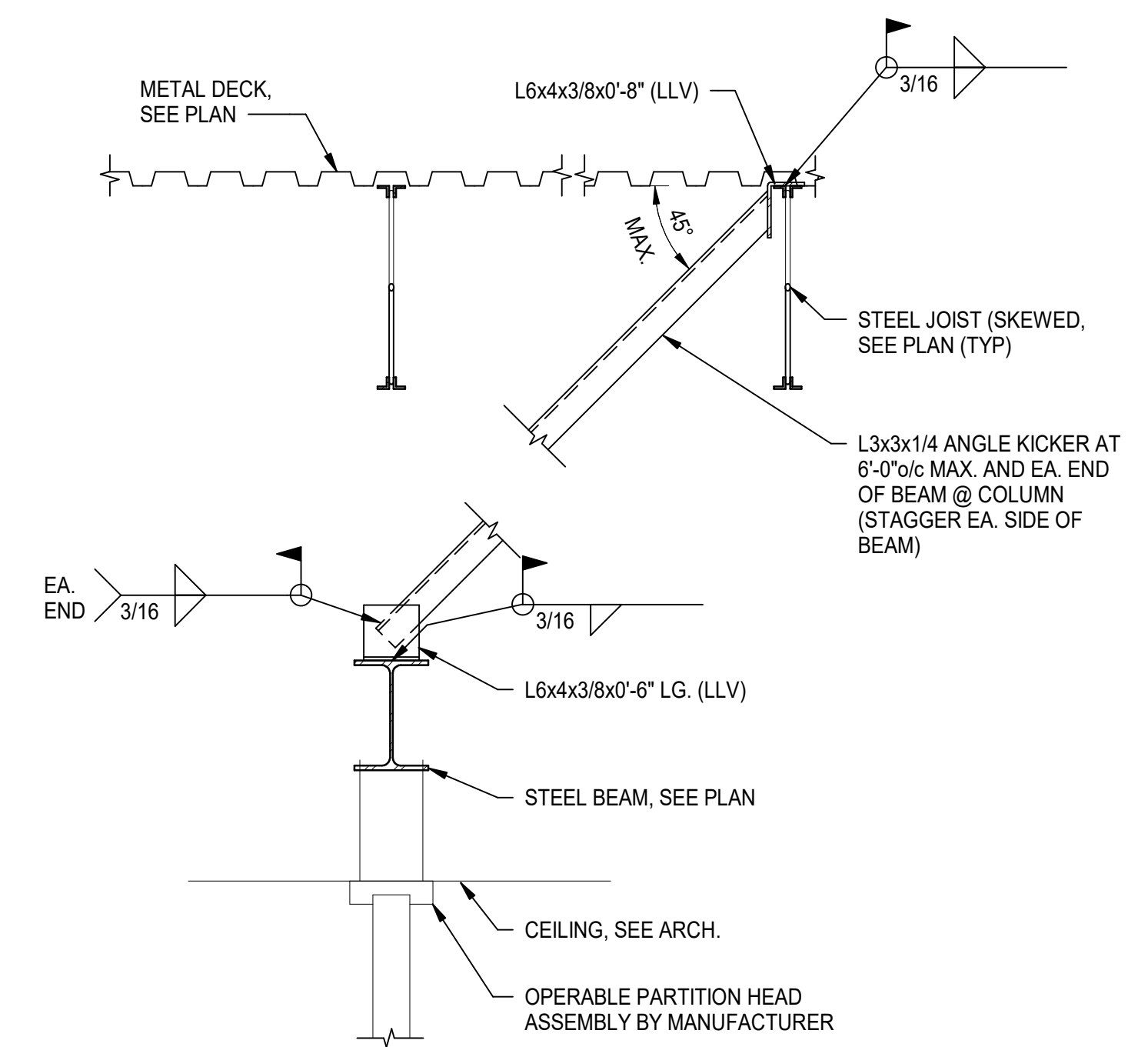
SECTION 1  
3/4" = 1'-0" S410



SECTION 2  
3/4" = 1'-0" S410

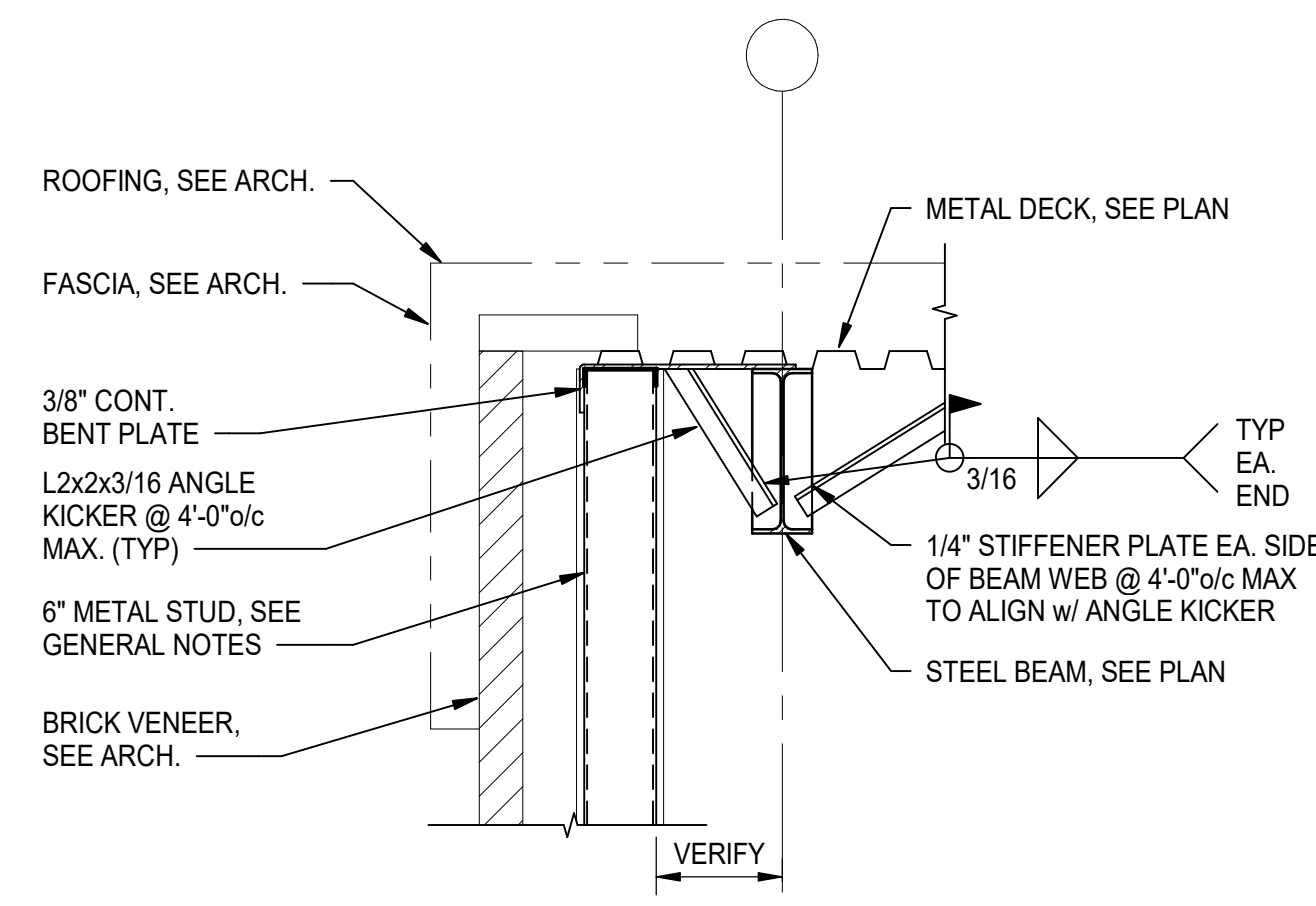


SECTION 3  
3/4" = 1'-0" S410

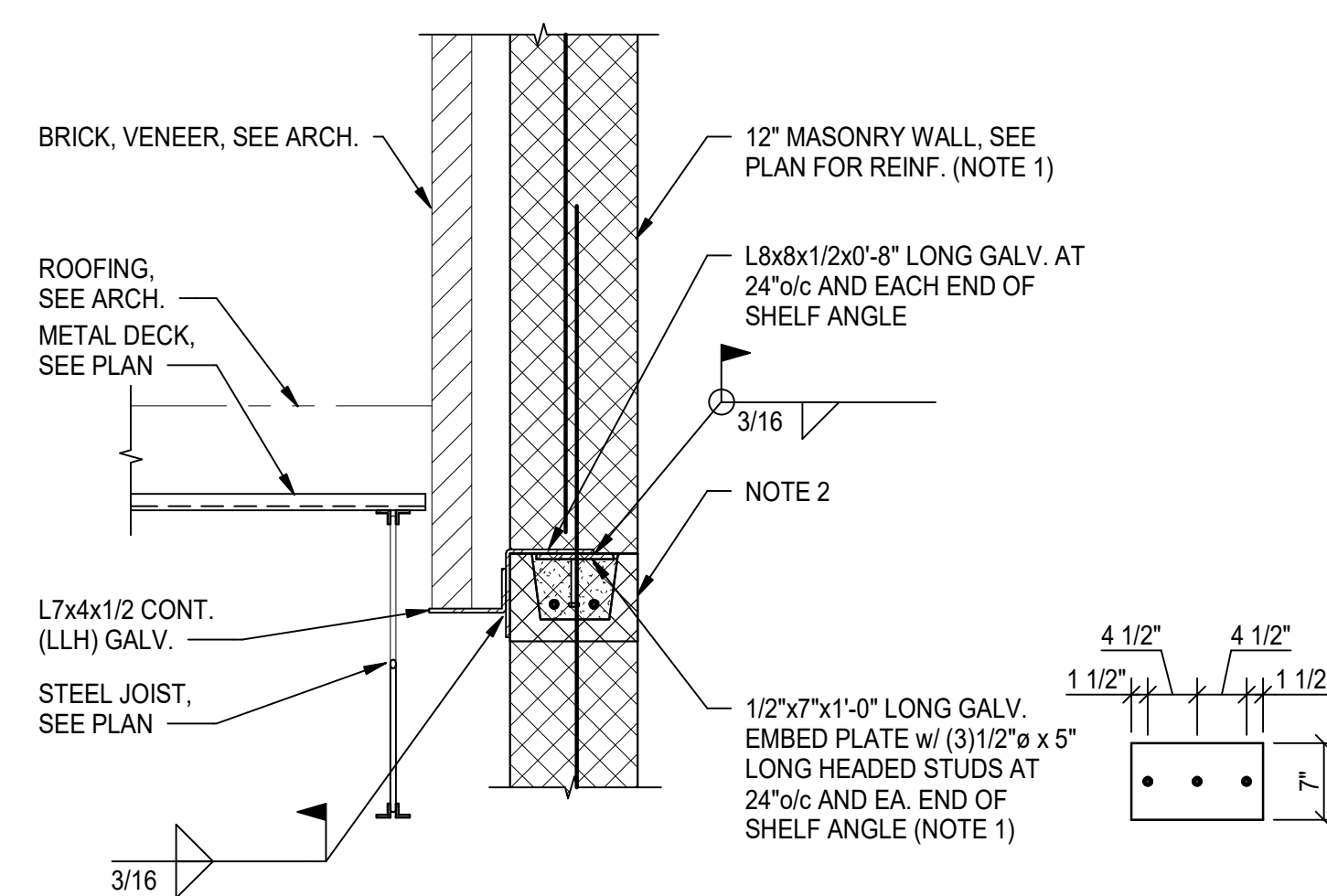


SECTION 4  
3/4" = 1'-0" S410

- NOTES:
1. PROVIDE PRE-PUNCHED HOLES IN BEAM PER APPROVED OPERABLE PARTITION SHOP DRAWINGS.
  2. COORDINATE OPERABLE PARTITION SUPPORT SYSTEM WITH LOCATION OF HANGER RODS. SEE PARTITION MANUFACTURER AND ARCHITECTURAL DRAWINGS.
  3. ADDITIONAL SUPPORT BRACKET SUPPLIED BY PARTITION MANUFACTURER.

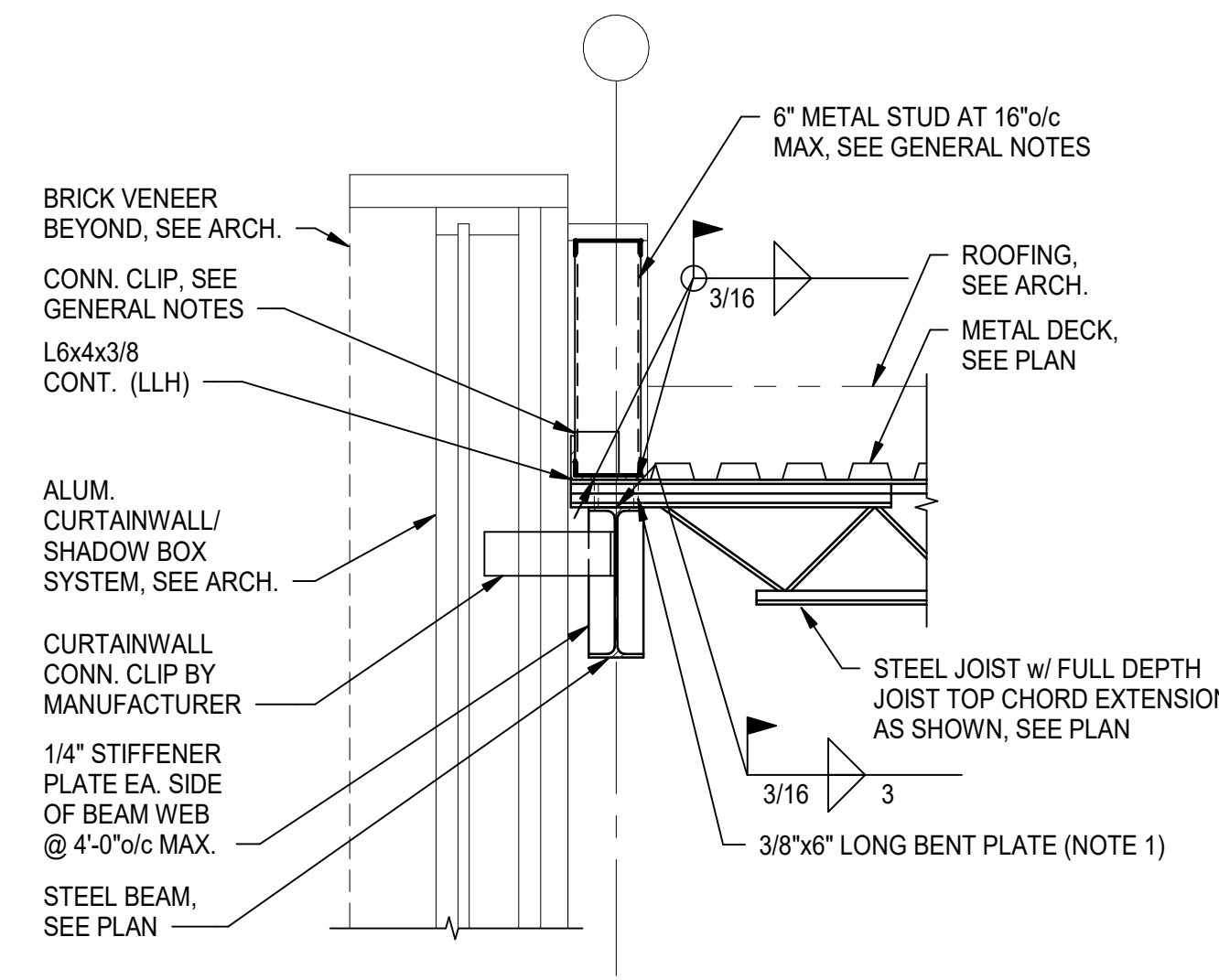


SECTION 5  
3/4" = 1'-0" S410



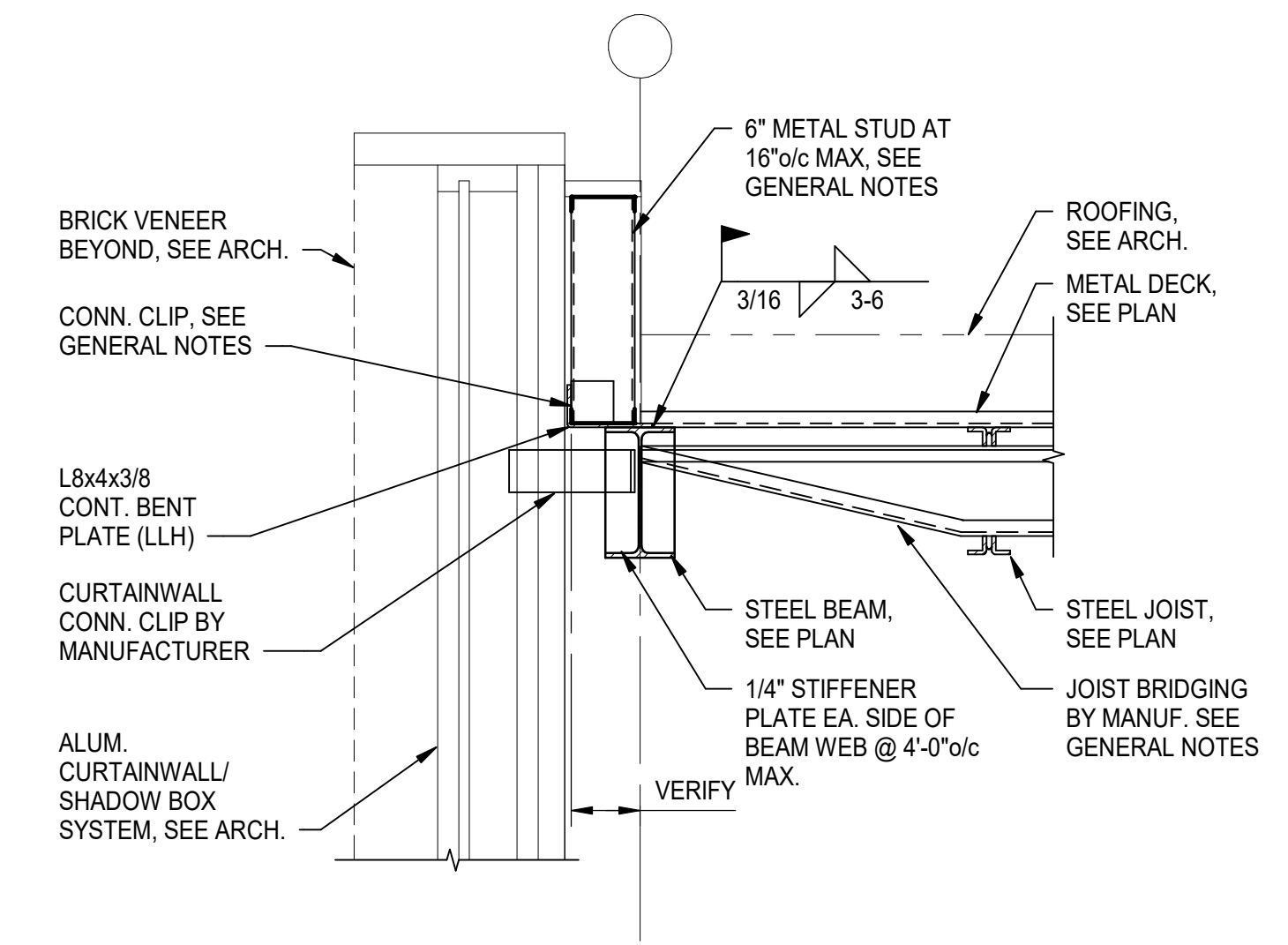
SECTION 6  
3/4" = 1'-0" S410

- NOTES:
1. COORDINATE LOCATION OF VERTICAL WALL REINFORCING TO AVOID CONFLICT WITH EMBED PLATE.
  2. PROVIDE 3" DEEP x 12" WIDE CONTINUOUS BOND BEAM REINFORCED WITH (2)#5 CONTINUOUS AND FILLED SOLID WITH 3000 PSI GROUT.

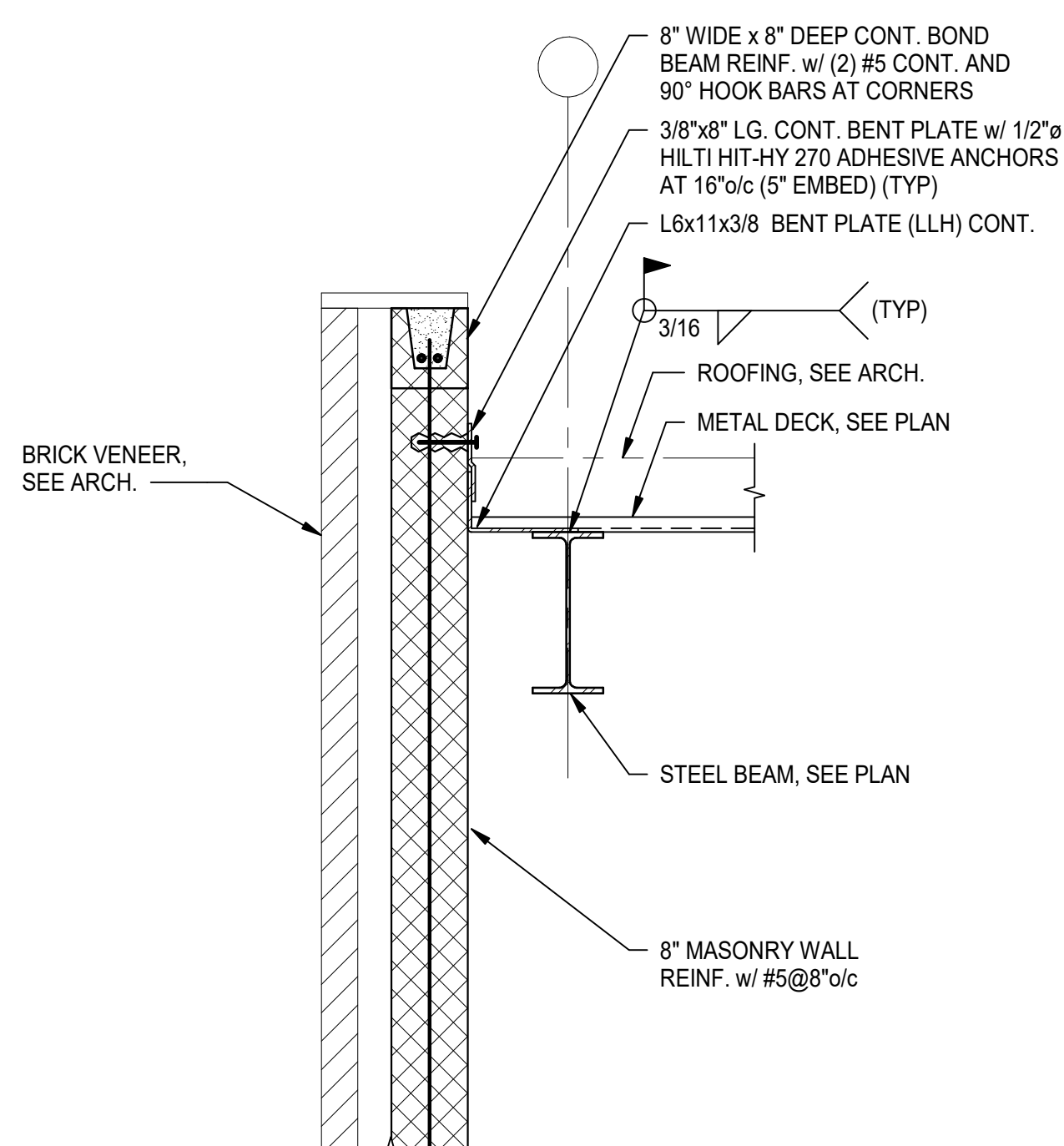


SECTION 7  
3/4" = 1'-0" S410

- NOTE:
1. PROVIDE BENT PLATE AT DISCONTINUED END OF SUPPORT ANGLE EACH END OF CURTAINWALL / SHADOW BOX SYSTEM. WELD BENT PLATE TO TOP FLANGE OF BEAM WITH 1/4" FILLET WELD ALL AROUND.



SECTION 8  
3/4" = 1'-0" S410



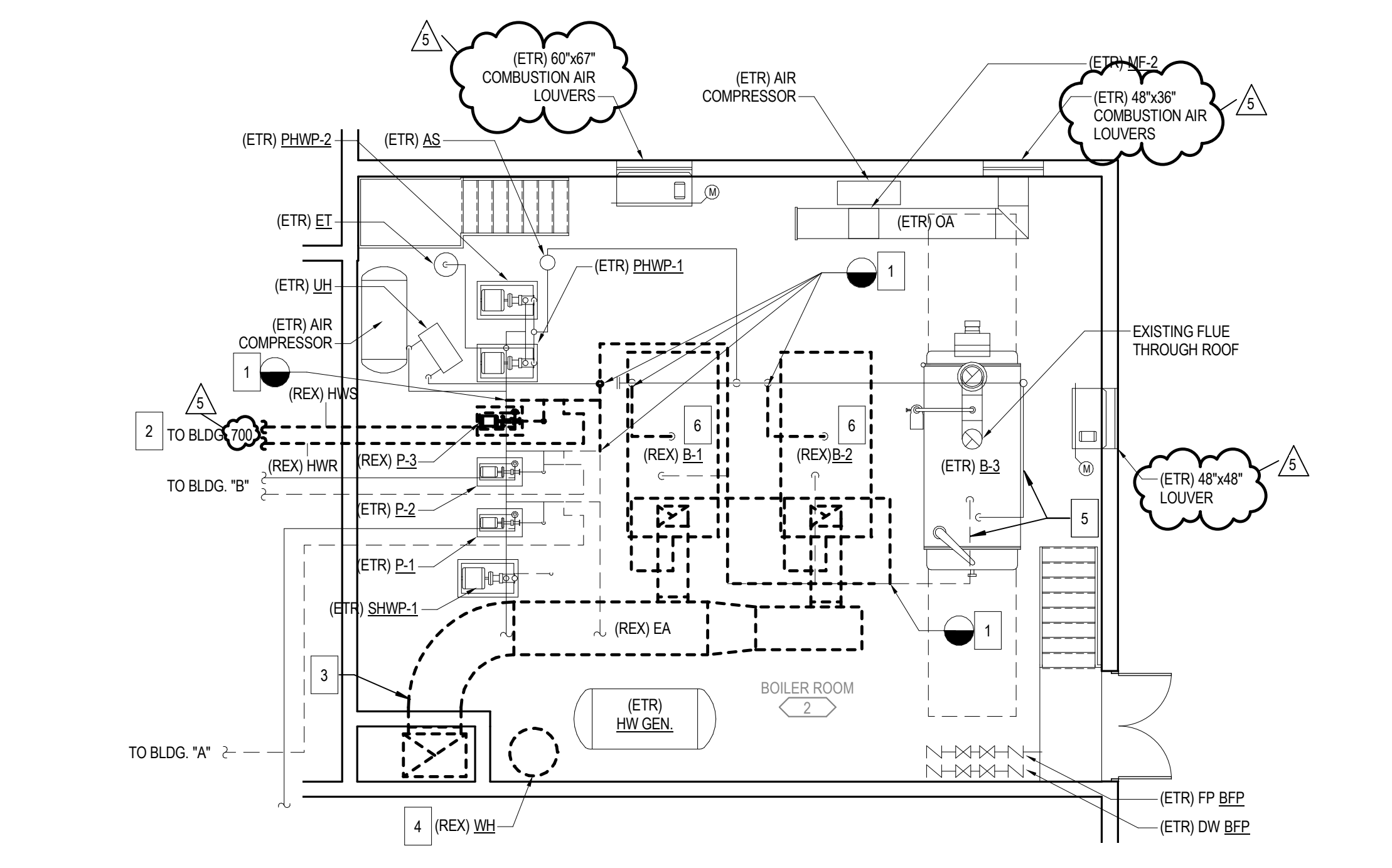
SECTION 9  
3/4" = 1'-0" S410

| MARK                  | (E) PHWP-1  | (E) PHWP-2    | (E) P-1       | (E) P-2     | (E) SHWP-1     | P-3               | P-B1              | P-B2              |
|-----------------------|-------------|---------------|---------------|-------------|----------------|-------------------|-------------------|-------------------|
|                       | LOCATION    | BOILER ROOM   | BOILER ROOM   | BOILER ROOM | BOILER ROOM    | BOILER ROOM       | BOILER ROOM       | BOILER ROOM       |
| SERVICE               | HWS         | STAND-BY      | BLDG A        | BLDG B      | DOMESTIC WATER | BLDG C            | BOILER CIRC       | BOILER CIRC       |
| TYPE                  | END SUCTION | END SUCTION   | END SUCTION   | END SUCTION | END SUCTION    | IN-LINE, VERTICAL | IN-LINE, VERTICAL | IN-LINE, VERTICAL |
| SYSTEM FLOW           | GPM         | -             | -             | -           | -              | 125               | 60                | 60                |
| SYSTEM HEAD           | FT          | -             | -             | -           | -              | 70                | 15                | 15                |
| EFFICIENCY AT DESIGN  | -           | -             | -             | -           | -              | 72.7              | 62.9              | 62.9              |
| OPERATING TEMPERATURE | °F          | -             | -             | -           | -              | 180               | 180               | 180               |
| FLUID TYPE            | -           | -             | -             | -           | -              | WATER             | WATER             | WATER             |
| SPEED @ 100% FLOW     | RPM         | 1800          | 1800          | 1750        | 1750           | 1740              | 3129              | 1170              |
| SPEED @ 50% FLOW      | RPM         | -             | -             | -           | -              | -                 | 2213              | -                 |
| SIZE                  | HP          | 30            | 30            | 1           | 5              | 5                 | 5                 | 12                |
| VOLTAGE               | V           | 230           | 230           | 208         | 208            | 208               | 208               | 208               |
| PHASE                 | PH          | 3             | 3             | 3           | 3              | 3                 | 3                 | 3                 |
| MANUFACTURER          | -           | ARMSTRONG     | ARMSTRONG     | TACO        | TACO           | ARMSTRONG         | ARMSTRONG         | ARMSTRONG         |
| MODEL                 | -           | 4030 6x6x11.5 | 4030 6x6x11.5 | H174348     | H174348        | 4030 3x1.5x10     | 4380 1505-005.0   | 1380-2x2x6        |
| REMARKS               | -           | 1             | 1             | 1           | 1              | 1                 | 2,3               | 4                 |

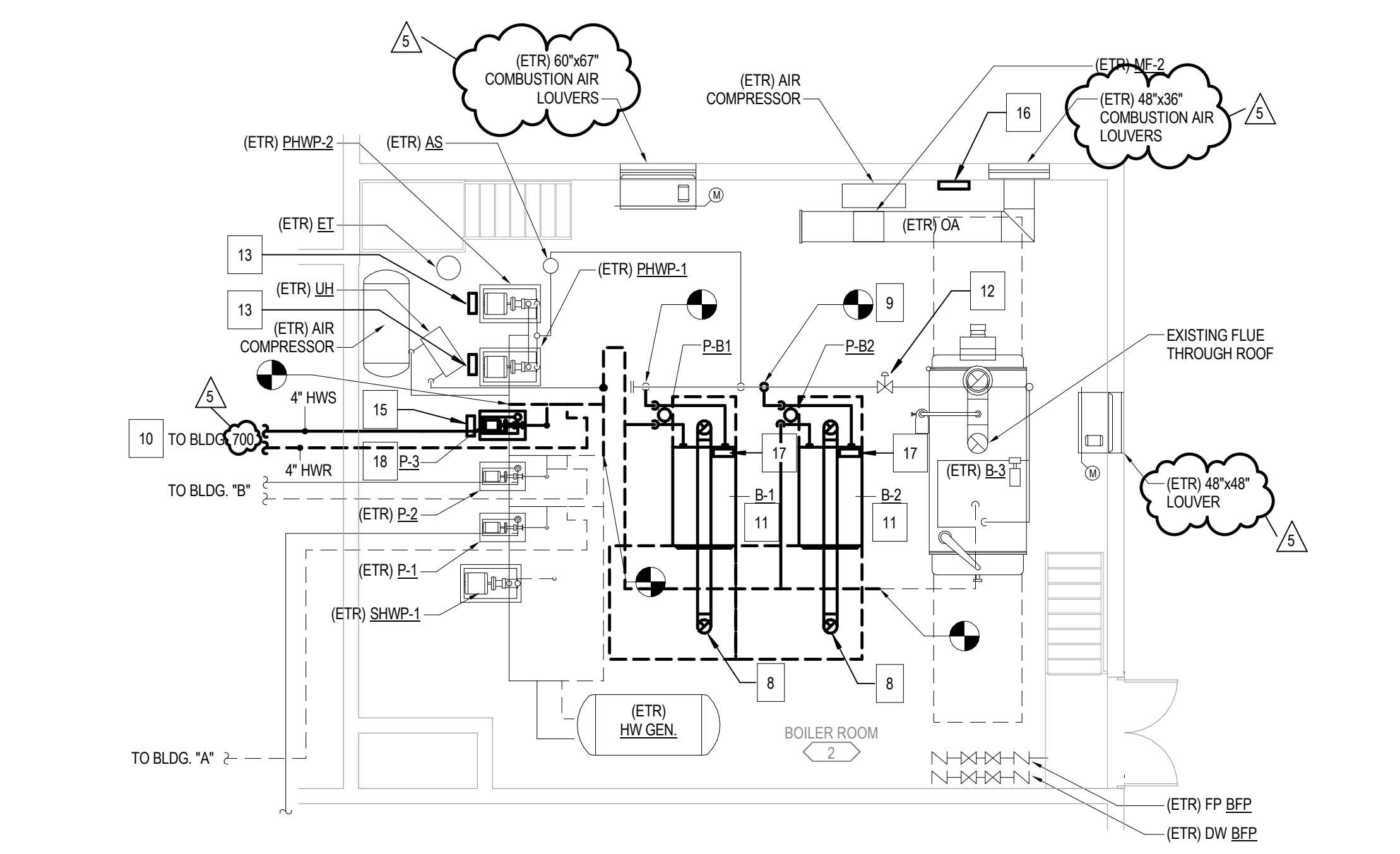
- REMARKS:
- EXISTING PUMP TO REMAIN
  - PROVIDE VFD IN CONFORMANCE WITH SPEC SECTION 262923 FOR VARIABLE SPEED OPERATION.
  - CONTROLLED BY THE BUILDING CONTROL SYSTEM
  - INTERLOCK WITH BOILER CONTROL SYSTEM

| MARK                          | SERVICE | B-1                  |                      | B-2            |       | (E) B-3    |  |
|-------------------------------|---------|----------------------|----------------------|----------------|-------|------------|--|
|                               |         | INPUT (OIL)          | MBH                  | 2,196          | 2,196 | 37.5 (GPH) |  |
| OUTPUT (OIL)                  | MBH     | 1,941                | 1,941                | 4.184          |       |            |  |
| FLOW                          | GPM     | 195                  | 195                  | -              |       |            |  |
| FUEL                          | TYPE    | #2 FUEL OIL          | #2 FUEL OIL          | #2 FUEL OIL    |       |            |  |
| HEAT EXCHANGER MATERIAL       | TYPE    | CAST IRON-SECTIONAL  | CAST IRON-SECTIONAL  | STEEL TUBE     |       |            |  |
| CAST IRON SECTIONS            | QTY     | 13                   | 13                   | NA             |       |            |  |
| SUPPLY TEMPERATURE            | °F      | 180                  | 180                  | -              |       |            |  |
| RETURN TEMPERATURE            | °F      | 160                  | 160                  | -              |       |            |  |
| OPERATING PRESSURE DROP       | FT HD   | 9.5                  | 9.5                  | -              |       |            |  |
| MAX OPERATING PRESSURE        | PSIG    | 75                   | 75                   | -              |       |            |  |
| OPERATION                     | POWER   | FULLY MODULATING     | FULLY MODULATING     | -              |       |            |  |
| BURNER MOTOR                  | AMPS    | 7.7                  | 7.7                  | 5 (HP)         |       |            |  |
| COMBUSTION EFFICIENCY % (OIL) |         | 87.5                 | 87.8                 | -              |       |            |  |
| THERMAL EFFICIENCY % (OIL)    |         | 88                   | 88                   | -              |       |            |  |
| VOLTAGE                       |         | 208                  | 208                  | 208            |       |            |  |
| PHASE                         |         | 3                    | 3                    | 3              |       |            |  |
| MCA                           |         | -                    | -                    | 25             |       |            |  |
| OPERATING WEIGHT              | LBS     | 5,335                | 5,335                | -              |       |            |  |
| MANUFACTURER                  |         | VISSMANN             | VISSMANN             | CLEVER BROOKS  |       |            |  |
| MODEL                         |         | VITOROND 220-V02-560 | VITOROND 220-V02-560 | CB-101-125-125 |       |            |  |
| REMARKS                       |         | 2,3                  | 2,3                  | 1              |       |            |  |

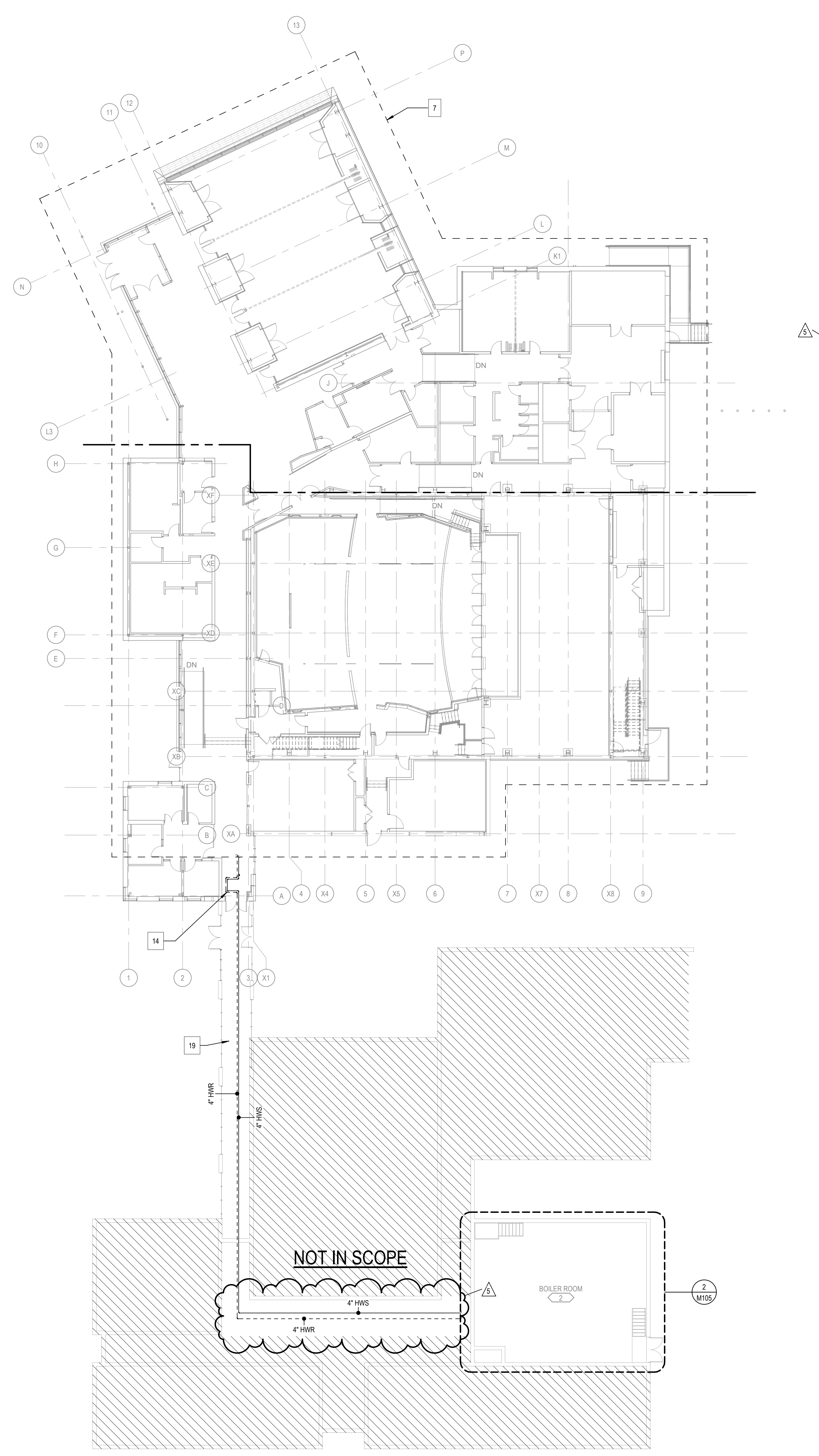
- REMARKS:
- EXISTING BOILER TO REMAIN
  - ALTERNATE BOILER SELECTIONS: BUDERUS
  - FACTORY-SUPPLIED SYSTEM ACCESSORIES TO INCLUDE BOILER SUPPLY AND RETURN HEADER, RELIEF VALVE, LOW WATER CUT-OFF, INDIVIDUAL BOILER CONTROL PACKAGE (VITORONIC 100), MULTIPLE BOILER CONTROL PACKAGE (VITORONIC 300), EXTENSION MODULE (EA1), BAS INTEGRATION GATEWAY (VITOGATE 300 BN)



3 ENLARGED PLAN - BOILER ROOM DEMOLITION PLAN  
SCALE: 1/8" = 1'-0"



2 ENLARGED PLAN - BOILER ROOM NEW WORK PLAN  
SCALE: 1/8" = 1'-0"



1 BOILER ROOM PLAN OVERALL  
SCALE: 1/16" = 1'-0"

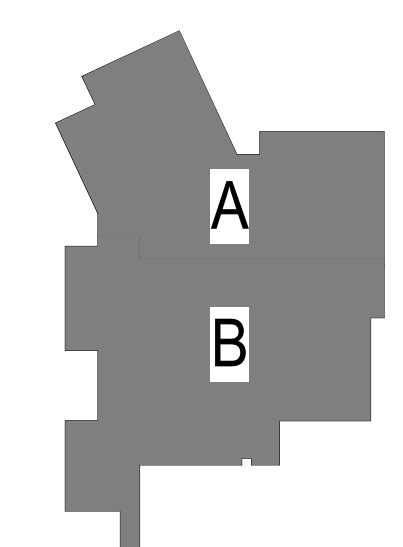
LEGEND NOTES

- BOILER ROOM GENERAL NOTES
- FOR ABBREVIATIONS, GENERAL NOTES, AND SYMBOL LEGEND, SEE DWG M101.
  - SEE M101 & M102 FOR SCHEDULES.
  - SEE M104 FOR HEATING HOT WATER PLANT DIAGRAM.

KEYNOTE LEGEND

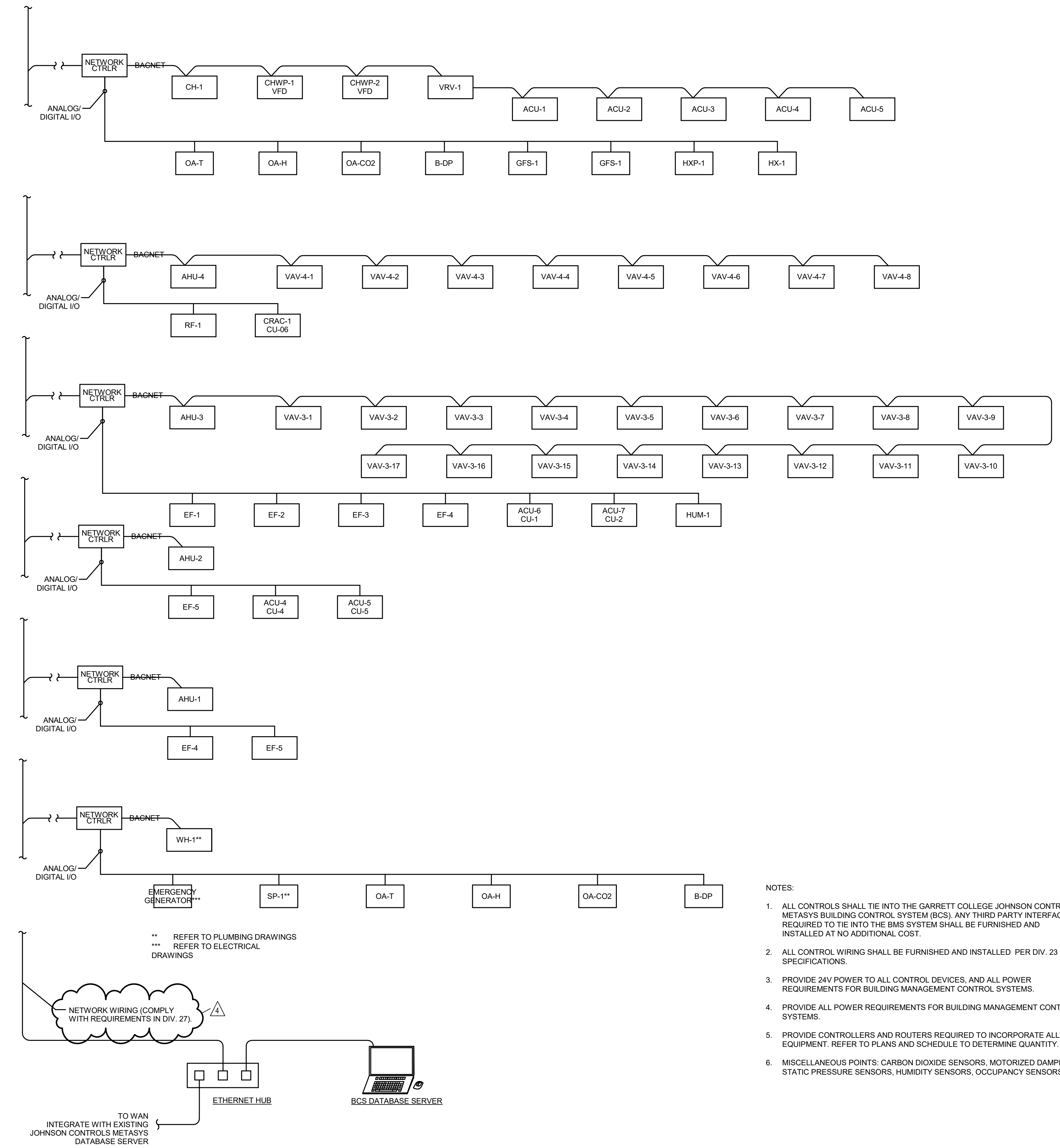
- EXISTING PIPING SERVING BOILERS B-1 AND B-2 TO BE DEMOLISHED. DISCONNECT FROM HEADERS AT THIS LOCATION.
- DEMOLISH ALL HWS/R PIPING WITHIN 800 BUILDING, THROUGH CONNECTOR, THROUGH BUILDING 700, AND CONNECTING TO PUMP, P-3.
- DEMOLISH EXISTING BOILER FLUE SERVING B-1 AND B-2 AND ALL ASSOCIATED EXHAUST DUCTWORK BACK TO CHIMNEY. REMOVE ANY EXISTING DUCTWORK WITHIN CHIMNEY AND PATCH CHIMNEY WALL.
- DEMOLISH EXISTING ELECTRIC WATER HEATER AND APPURTENANCES.
- EXISTING HWS/R PIPING HEADERS AND PIPING SERVING B-3 TO REMAIN.
- DEMOLISH EXISTING MAKEUP WATER CONNECTIONS, CAP AND PREPARE FOR RECONNECTION.
- REFER TO M201 SERIES FOR PIPING WORK OUTSIDE OF BOILER ROOM IN THIS AREA.
- BOILER FLUE TO DISCHARGE THROUGH ROOF.
- CONNECT TO EXISTING BOILER PIPING HEADER.
- PROVIDE HWS/R FROM BOILER PLANT, THROUGH 700 BUILDING, TO CONNECTOR TO SEPARATE NEW CEILING BUILDING. SEE M201 FOR DETAIL.
- PROVIDE NEW MAKEUP WATER CONNECTIONS WITH WATER TREATMENT TO EXISTING MAKEUP WATER SYSTEM.
- NEW AUTOMATIC SOLID VALVE PRE-EXCHANGE BETWEEN STAND-BY OPERATOR AND DEMO GO BACKUP CONDITION (B-3). VALVES TO B-1 AND B-2 ARE IN VERTICAL SUPPLY LINE TO EACH BOILER.
- NEW VFD FOR PRIMARY LOOP PUMPS P-1 AND P-2.
- PROVIDE EXPANSION LOOP TO ACCOMMODATE 1-1/2" EXPANSION JOINT BETWEEN EXISTING CORRIDOR AND NEW ADDITION. TOTAL DEVELOPED LENGTH OF EXPANSION LOOP WILL BE NO LESS THAN 10.8 FT.
- NEW VFD FOR NEW SECONDARY HWS PUMP SERVING CEPAC.
- NEW MULTI-BOILER CONTROL MODULE. SEE BOILER SCHEDULE FOR ALL ASSOCIATED ELEMENTS INCLUDE BAS INTEGRATION COMPONENTS. LOCATE ALL ELEMENTS IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS AND AS COORDINATED WITH ALL TRADES.
- NEW SINGLE BOILER CONTROL MODULE. COORDINATE FINAL LOCATION WITH ALL TRADES AND BUILDING MAINTENANCE TEAM.
- REPLACE EXISTING SECONDARY PUMP WITH SCHEDULED EQUIPMENT. PROVIDE ADDITIONAL PIPING AND ALL NEW VALVES, GAGGLES, ETC. AS SHOWN ON PUMP DETAIL. LOOK EXISTING 3-WAY VALVE TO 100% FLOW CONDITION.
- DEMOLISH AND REPLACE EXISTING CEILING AND ACCESS PANELS IN CONNECTOR IN KIND. REFER TO ARCH FOR DETAIL.

KEY PLAN



1

CONTROL ARCHITECTURE DIAGRAM



- NOTES:
1. ALL CONTROLS SHALL TIE INTO THE GARRETT COLLEGE JOHNSON CONTROLS METASYS BUILDING CONTROL SYSTEM (BCS). ANY THIRD PARTY INTERFACES REQUIRED TO TIE INTO THE BMS SYSTEM SHALL BE FURNISHED AND INSTALLED AT NO ADDITIONAL COST.
  2. ALL CONTROL WIRING SHALL BE FURNISHED AND INSTALLED PER DIV. 23 SPECIFICATIONS.
  3. PROVIDE 24V POWER TO ALL CONTROL DEVICES, AND ALL POWER REQUIREMENTS FOR BUILDING MANAGEMENT CONTROL SYSTEMS.
  4. PROVIDE ALL POWER REQUIREMENTS FOR BUILDING MANAGEMENT CONTROL SYSTEMS.
  5. PROVIDE CONTROLLERS AND ROUTERS REQUIRED TO INCORPORATE ALL EQUIPMENT. REFER TO PLANS AND SCHEDULE TO DETERMINE QUANTITY.
  6. MISCELLANEOUS POINTS: CARBON DIOXIDE SENSORS, MOTORIZED DAMPERS, STATIC PRESSURE SENSORS, HUMIDITY SENSORS, OCCUPANCY SENSORS.

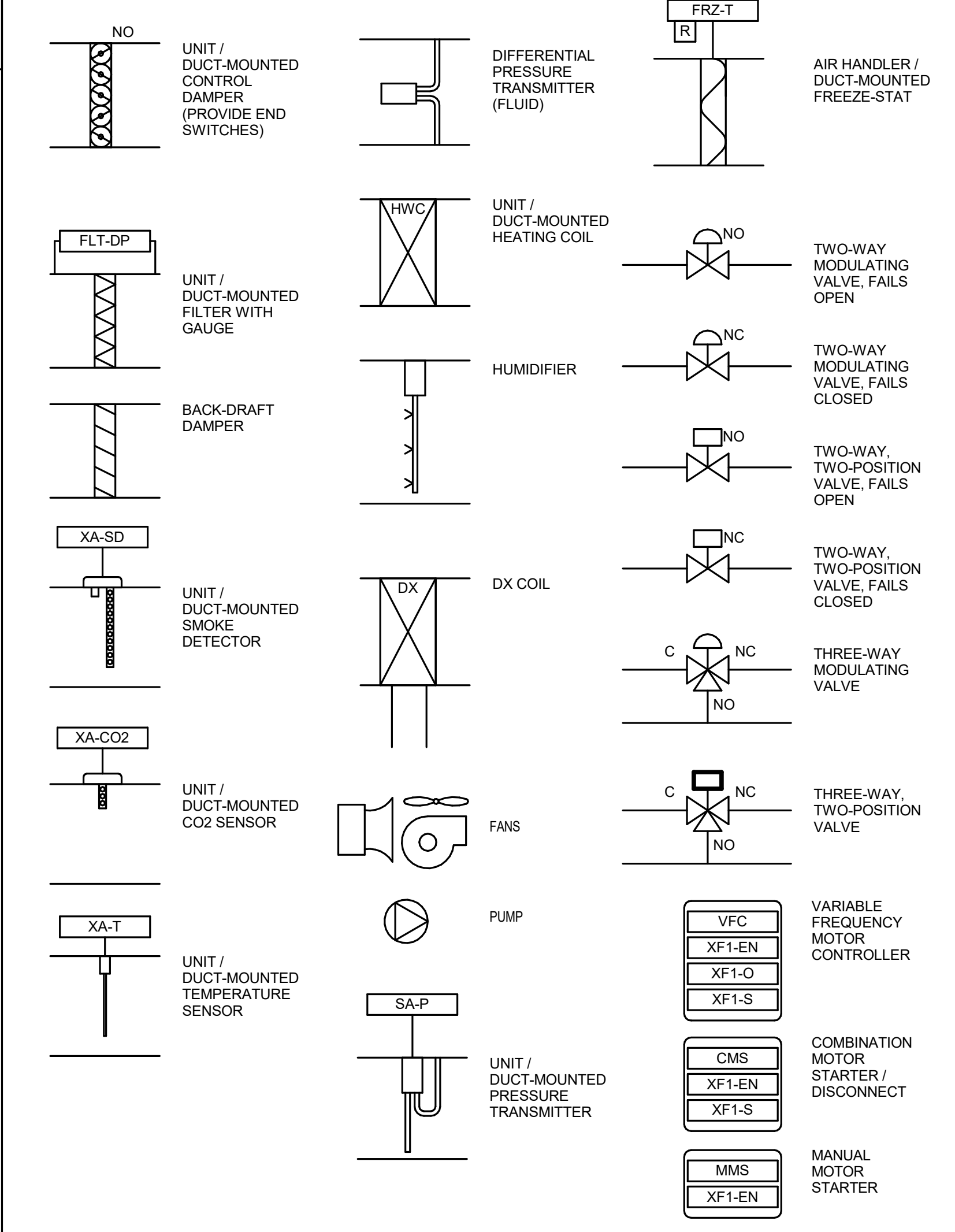
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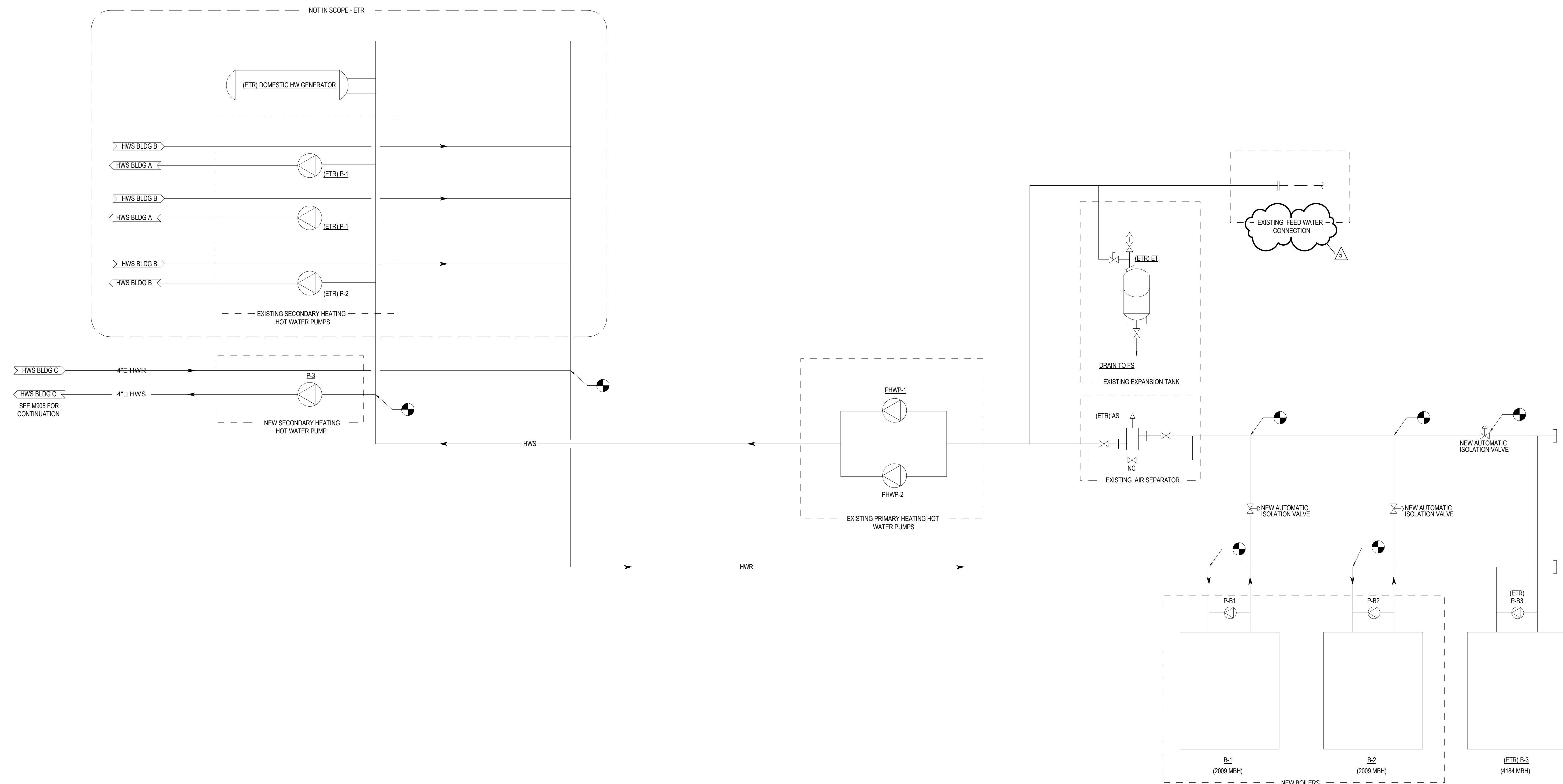
GENERAL NOTES FOR CONTROLS

1. UNLESS OTHERWISE NOTED, ALL CONTROLS SHALL BE DIRECT DIGITAL TYPE (DDC) AND ACTUATORS SHALL BE ELECTRIC. ALL NEW CONTROL SYSTEMS AND COMPONENTS SHALL BE COMPATIBLE WITH AND FULLY INTEGRATED INTO THE EXISTING JOHNSON CONTROLS METASYS BUILDING AUTOMATION SYSTEM.
2. ALL SENSORS SHALL INCLUDE PROVISIONS FOR FIELD CALIBRATION.
3. ALL SETPOINTS INDICATED IN THE SEQUENCES SHALL BE ADJUSTABLE AT THE HOST COMPUTER WORKSTATION AND VIA A LAPTOP COMPUTER CONNECTED TO ANY BCS CONTROL PANEL OR CONTROLLER.
4. THE BUILDING CONTROL SYSTEM SHALL BE CONNECTED TO STANDBY POWER AND PROVIDED WITH NONVOLATILE MEMORY FOR SEAMLESS OPERATION THROUGH POWER FLUCTUATIONS. FAIL-SAFE POSITIONS INDICATED ARE POSITIONS THAT DEVICES WILL GO TO WHEN DEENERGIZED. WHENEVER AN ALARM IS INITIATED, THE BCS SHALL RETAIN IN MEMORY THE READINGS AND SET POINTS OF EACH DEVICE TO ASSIST THE OPERATOR TO ISOLATE THE CAUSE OF THE ALARM.
5. REFER TO FLOOR PLANS FOR THE LOCATIONS OF ALL SPACE MOUNTED SENSORS AND TRANSMITTERS. TEMPERATURE TRANSMITTERS ARE INDICATED (T), HUMIDITY TRANSMITTERS ARE INDICATED (H) AND GAS SENSORS ARE INDICATED (G).
6. EACH SEQUENCE WITH A DEFINED OCCUPIED PERIOD SHALL HAVE THE PERIOD ADJUSTABLE GLOBALLY (SO THAT ALL CAN BE ON THE SAME TIME FRAME) AND INDIVIDUALLY (SO THAT ANY ONE OPERATION CAN HAVE A DIFFERENT OCCUPIED PERIOD).
7. VARIABLE FREQUENCY MOTOR CONTROLLER, VFC. THE HAND-OFF-AUTOMATIC SWITCH ON THE VFC SHALL PROVIDE FOR THE FOLLOWING BASIS OF CONTROL:  
7.1. HAND POSITION: THE DDC SYSTEM SHALL HAVE NO CONTROL OVER THE MOTOR SPEED NOR SHALL IT BE ABLE TO START OR STOP THE MOTOR (EXCEPT FOR SAFETY PURPOSES WHERE THE MOTOR SHALL SHUT DOWN). THE MOTOR SHALL RUN UNDER SPEED CONTROL FROM THE HAND POTENTIOMETER ON THE VFC. ALL SAFETIES CONTROLLING THE SHUTDOWN SHALL BE OPERATIONAL (i.e. SMOKE DETECTORS, PRESSURE SWITCHES, ETC). TEMPERATURE AND HUMIDITY CONTROL SHALL BE AVAILABLE THROUGH THE BAS SYSTEM.  
7.2. OFF POSITION: THE MOTOR SHALL BE OFF. THE BAS SYSTEM SHALL NOT CONTROL THE MOTOR. ALL OTHER CONTROL POINTS SHALL BE IN THEIR FAIL-SAFE POSITION.  
7.3. AUTOMATIC POSITION: THE MOTOR SHALL BE CONTROLLED BY THE DDC SYSTEM AS DESCRIBED HEREIN.
8. THE TERMS "VARIABLE FREQUENCY CONTROLLER (VFC) AND VARIABLE FREQUENCY DRIVE (VFD) ARE USED INTERCHANGEABLY.
9. SEQUENCES OF OPERATIONS OUTLINED (UNLESS OTHERWISE SPECIFIED) SHALL BE PERFORMED BY DIRECT DIGITAL CONTROL FIELD PANELS CONNECTED TO A CENTRAL BUILDING AUTOMATION SYSTEM (BAS). ADDRESS IDENTIFIERS FOR ALL POINTS AND VARIABLES SHOWN IN THE DIAGRAMS SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER. UNLESS OTHERWISE SPECIFIED, ALL SETPOINTS AND TIME DELAYS SHALL BE ADJUSTABLE BY THE OPERATOR THROUGH THE BAS AND THROUGH MENU ACCESS AT THE LOCAL TERMINAL / UNITARY CONTROLLER WITHOUT ANY HARDWARE OR SOFTWARE REVISIONS. MONITORING OF ALL FUNCTIONS SHALL BE AVAILABLE AT THE BAS AND AT THE DDC FIELD PANEL. PROVIDE MENU-DRIVEN CAPABILITY FOR THE OPERATOR TO OVERRIDE AUTOMATED START/STOP SEQUENCES FOR EACH PIECE OF EQUIPMENT (PUMPS, AIR HANDLERS, ETC). IF A SEQUENCE IS DISABLED BY THE OPERATOR BUT AN AUTOMATIC START IS INITIATED, THE SYSTEM SHALL ISSUE AN ALARM STATING THAT THE EQUIPMENT WAS UNABLE TO START/STOP DUE TO USER INPUT. THE BAS SYSTEM SHALL THEN ATTEMPT TO START THE NEXT SEQUENTIAL PIECE OF EQUIPMENT.
10. THE CONTROL SYSTEM SHALL MONITOR PRESSURES, TEMPERATURES AND FLOWS AND SHALL CONTROL VALVES, DAMPERS, VARIABLE FREQUENCY CONTROLLERS (VFC), FANS, AND PUMPS. MONITORED DATA WILL BE USED TO ENERGIZE OR DEENERGIZE FANS, PUMPS, ETC.
11. ALL EQUIPMENT CONTROLLED BY THE DDC SYSTEM SHALL BE CAPABLE OF MANUAL OPERATION THROUGH HAND-OFF-AUTOMATIC (HOA) SWITCHES IN STARTERS PROVIDED. THE POSITIONS OF ALL VALVES CONTROLLED BY THE BCS SHALL BE CAPABLE OF MANUAL POSITIONING (OPEN, CLOSED, MODULATED, AUTO) VIA LABELED POTENTIOMETERS AND MANUAL SWITCHES.
12. COORDINATE ALL SENSOR INSTALLATIONS AND SUBMIT PROPOSED LOCATIONS ON PIPING AND DUCT COORDINATION DRAWINGS. COORDINATE TO INSURE THAT THE SENSOR MANUFACTURER'S RECOMMENDED UPSTREAM AND DOWNSTREAM CONDITIONS ARE PROVIDED (ESPECIALLY FLOW ELEMENTS AND TRANSMITTERS).
13. PROVIDE ADEQUATE DAMPING OF ALL MODULATING CONTROL LOOPS TO PREVENT HUNTING.
14. IF ANY LOCAL, TERMINAL, OR UNITARY CONTROLLER OR EQUIPMENT MANUFACTURER'S CONTROL SYSTEM LOSES COMMUNICATION WITH THE BCS NETWORK, AN ALARM SHALL BE GENERATED BY THE BCS INDICATING THE LOCATION OF THE FAULT.
15. DDC SYSTEM SHALL BE CAPABLE OF PROVIDING CONTROL LOGIC INCLUDING MONITORING ZONE AND SYSTEM DEMAND FOR FAN PRESSURE, PUMP PRESSURE, HEATING, AND COOLING, TRANSFERRING ZONE AND SYSTEM DEMAND INFORMATION FROM ZONES TO AIR DISTRIBUTION SYSTEM CONTROLLERS AND FROM AIR DISTRIBUTION SYSTEMS TO HEATING AND COOLING PLANT CONTROLLERS; AUTOMATICALLY DETECTING AND ALERTING SYSTEM OPERATOR WHEN ZONES AND SYSTEMS EXCESSIVELY DRIVE THE RESET LOGIC; ALLOW OPERATOR REMOVAL OF ZONE(S) FROM THE RESET ALGORITHM; AND CAPABLE OF TRENDS AND GRAPHICALLY DISPLAYING INPUT AND OUTPUT POINTS.

3

CONTROL DIAGRAM EQUIPMENT SYMBOLS

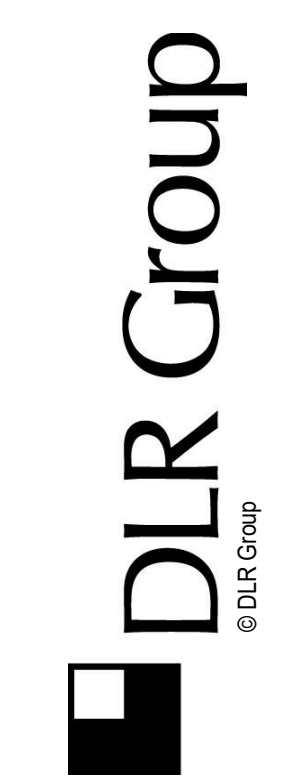




HEATING HOT WATER PLANT DIAGRAM

**PLUMBING GENERAL NOTES**

1. SEE P01 FOR GENERAL NOTES, ABBREVIATIONS, AND SYMBOLS.
2. PROVIDE ACCESS PANELS FOR ALL CONCEALED ACCESSORIES WHICH NEED MAINTENANCE INCLUDING BUT NOT LIMITED TO VALVES, WATER HAMMER ARRESTORS, EQUIPMENT, ETC.
3. PROVIDE LONG RADIUS ELBOWS FOR SANITARY AND STORM WATER PIPING, WHEREVER FEASIBLE.
4. PROVIDE SHUT-OFF VALVES AT EACH BRANCH OFF OF THE MAIN PIPING.



NOT FOR CONSTRUCTION

GARRETT COLLEGE CEPAC

687 MOSSER ROAD  
MCHENRY, MD 21541

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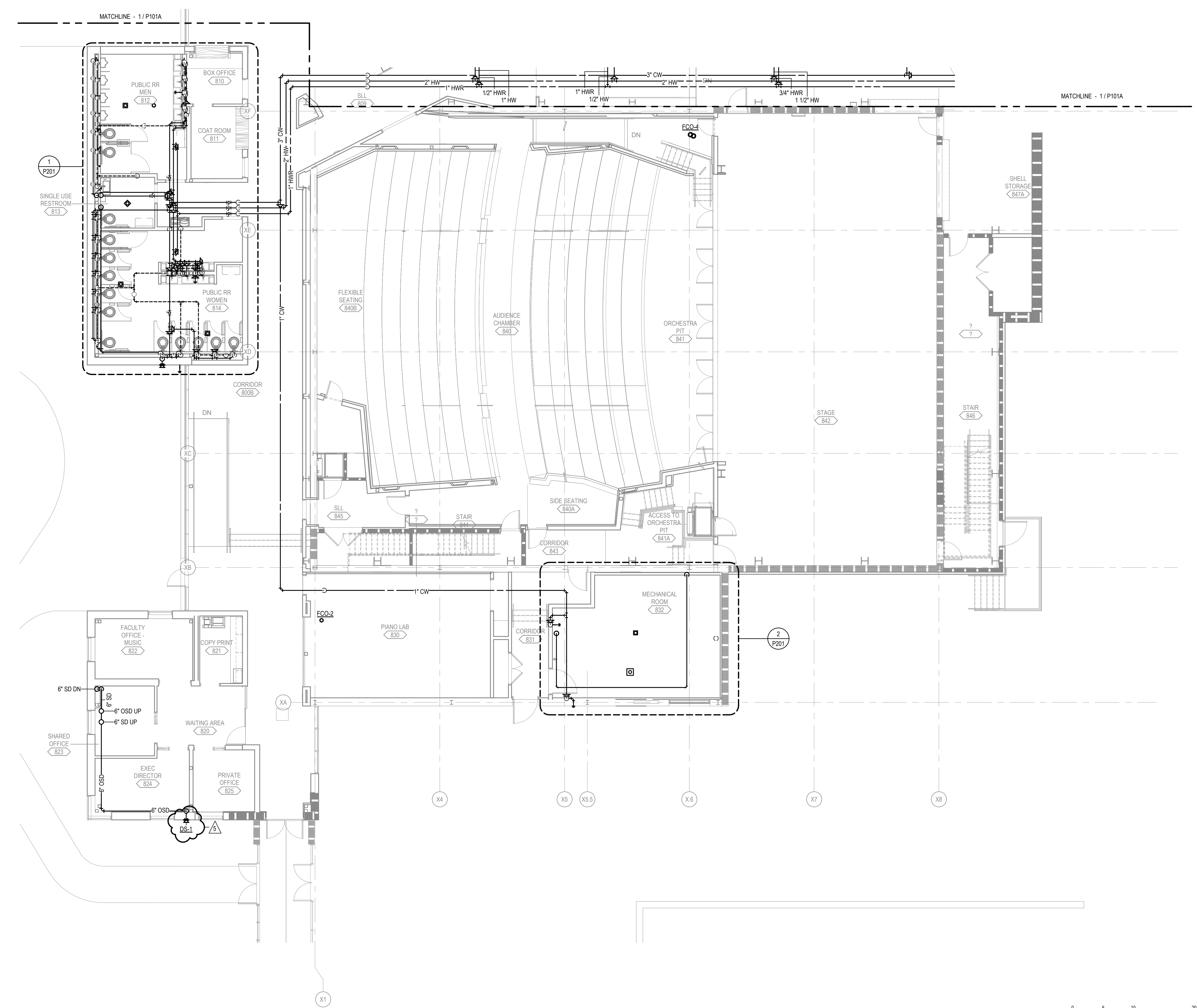
Issue Date: 11/15/2019

Revisions

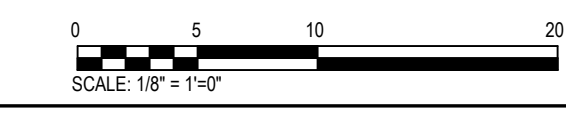
|   |            |                    |
|---|------------|--------------------|
| 1 | 04/16/2019 | DESIGN DEVELOPMENT |
| 2 | 08/23/2019 | 90% CD's           |
| 3 | 08/19/2019 | 90% CD's GA/CC     |
| 4 | 10/18/2019 | 95% CD's           |
| 5 | 12/11/2019 | ADDENDUM 01        |

56-18107-00  
PLUMBING PLAN - MAIN LEVEL - AREA B

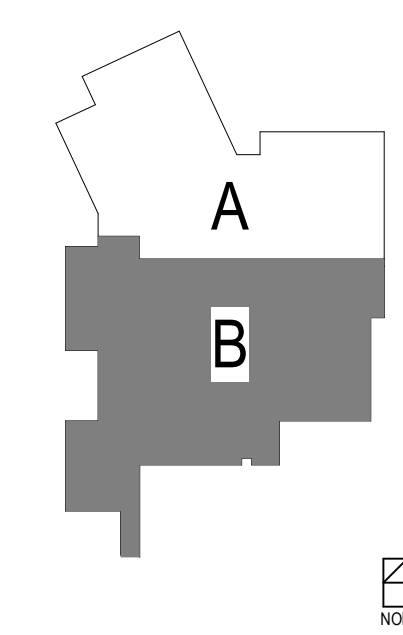
P101B



**1 PLUMBING PLAN - MAIN LEVEL - AREA B**  
SCALE: 1/8" = 1'-0"



**KEY PLAN**



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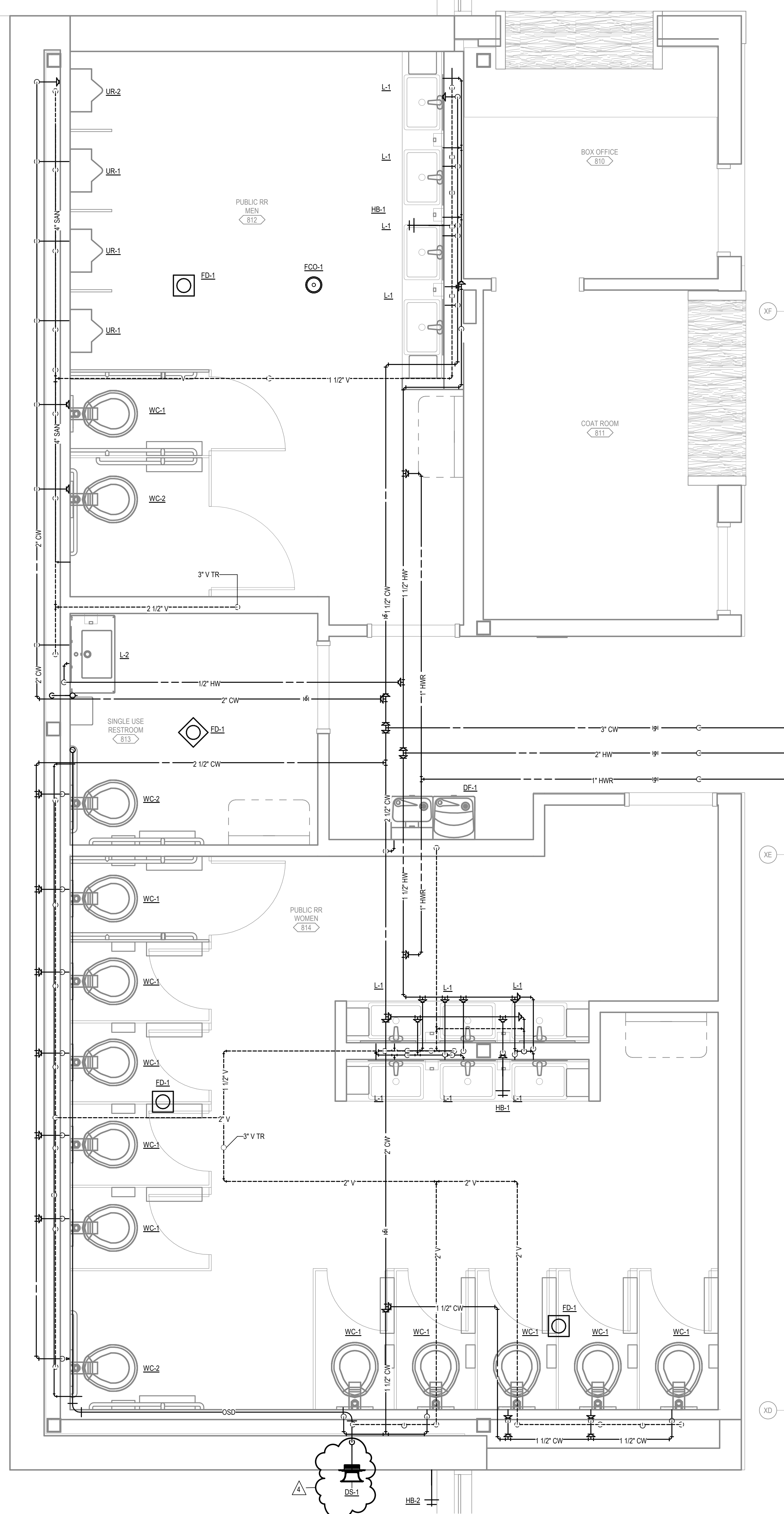


PLUMBING GENERAL NOTES

- 1. SEE P201 FOR GENERAL NOTES, ABBREVIATIONS, AND SYMBOLS.
- 2. PROVIDE ACCESS PANELS FOR ALL CONCEALED ACCESSORIES WHICH NEED MAINTENANCE INCLUDING BUT NOT LIMITED TO VALVES, WATER HAMMER ARRESTORS, EQUIPMENT, ETC.
- 3. PROVIDE LONG RADIUS ELBOWS FOR SANITARY AND STORM WATER PIPING, WHEREVER FEASIBLE.
- 4. PROVIDE SHUT-OFF VALVES AT EACH BRANCH OFF OF THE MAIN PIPING.

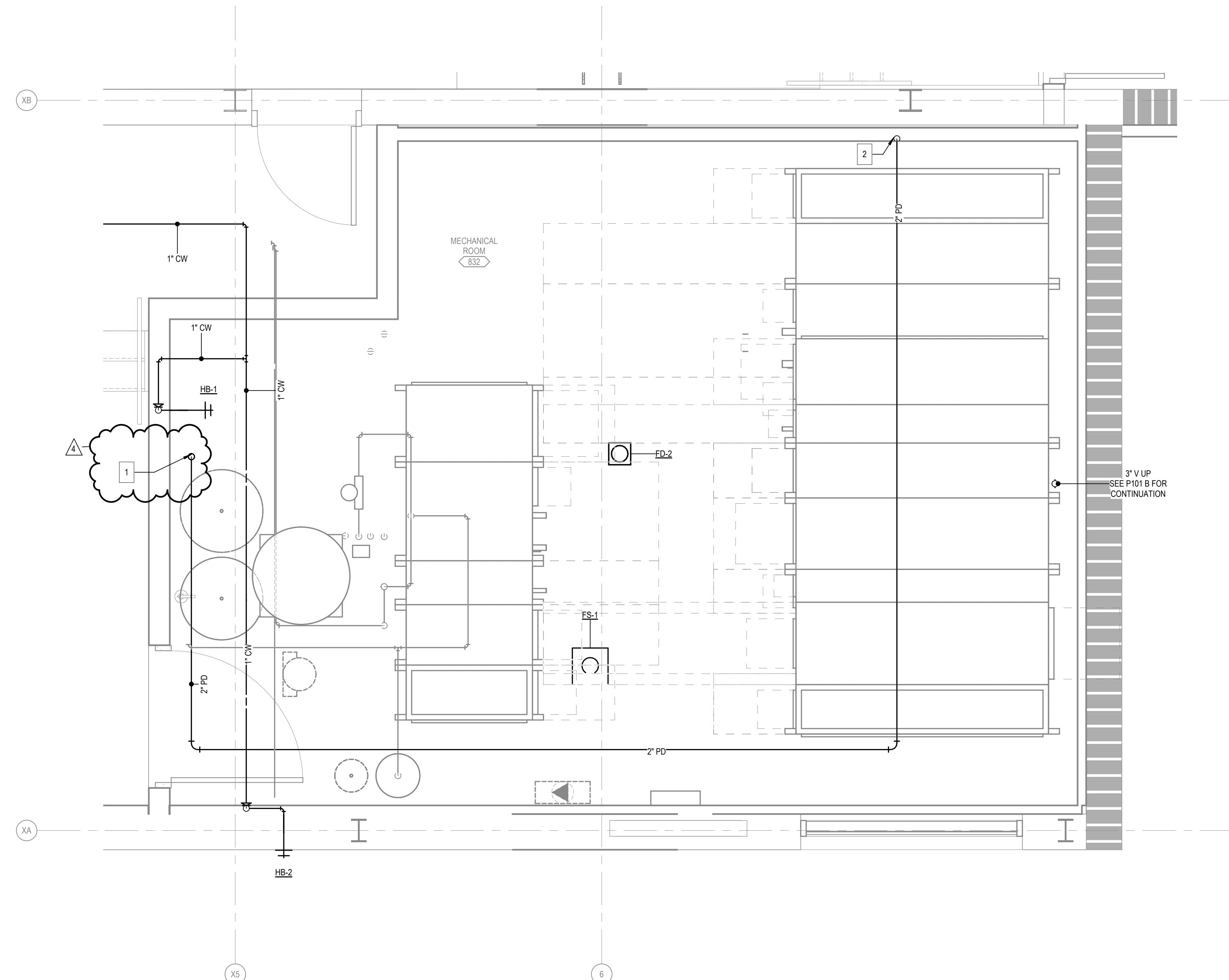
KEYNOTE LEGEND

- 1. 2" PD DOWN TO INDIRECT CONNECTION TO STORM DRAIN. SEE P-100B FOR CONTINUATION.
- 2. 2" PD DN. SEE P-100B FOR CONTINUATION.



**1** PLUMBING ENLARGED PLAN - PUBLIC RESTROOMS

P201 SCALE: 1/2" = 1'-0"



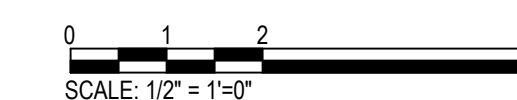
**2** PLUMBING ENLARGED PLAN - MECHANICAL ROOM - 832

P201 SCALE: 1/2" = 1'-0"

NOT FOR CONSTRUCTION

ISSUED FOR BID AND PERMIT  
Issue Date: 11/15/2019

| Revisions | Date       | By            | Check |
|-----------|------------|---------------|-------|
| 1         | 08/22/2019 | 50% CD's      |       |
| 2         | 09/19/2019 | 90% CD's GACC |       |
| 3         | 10/16/2019 | 95% CD's      |       |
| 4         | 12/11/2019 | ADDENDUM 01   |       |



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| PLUMBING FIXTURE SCHEDULE |                          |         |             |           |      |      |      |          |                 |                          |   |  |
|---------------------------|--------------------------|---------|-------------|-----------|------|------|------|----------|-----------------|--------------------------|---|--|
| TYPE MARK                 | FIXTURE                  | POWER   |             | PIPE SIZE |      |      |      | GPM      | MANUFACTURER    | MODEL                    | COMMENTS  |  |
|                           |                          | VOLTAGE | HARD WIRED? | WASTE     | VENT | CW   | HW   |          |                 |                          |   |  |
| DF-1                      | DRINKING FOUNTAIN        | 115 V   | Yes         | 1 1/4"    | 3/4" | 1/2" |      |          | HALSEY TAYLOR   | HTHBWF-OVLSER-I          | PROVIDE ACCESS PANEL + CANE APRON   |  |
| DF-2                      | DRINKING FOUNTAIN        | 115 V   | Yes         | 1 1/4"    | 3/4" | 1/2" |      |          | HALSEY TAYLOR   | HTHBWF-OVLSER-I          | PROVIDE ACCESS PANEL + CANE APRON   |  |
| HB-1                      | HOSE BIBB                |         |             |           |      |      |      |          | CHICAGO FAUCETS | 387-427CP                |   |  |
| HB-2                      | FREEZE-PROOF HOSE BIBB   |         |             |           |      |      |      |          | ZURN            | 2-1320-EZ                |   |  |
| IM-1                      | FIRE RATED ICE MAKER BOX |         |             |           |      | 1/2" |      |          | OATEY           | 39117                    | WITH WATER HAMMER ARRESTOR, PROVIDE WATER FILTRATION  |  |
| L-1                       | LAVATORY (UNDERMOUNT)    |         |             | 1 1/2"    | 3/4" | 1/2" | 1/2" | 0.50 GPM | KOHLER          | K-2297                   | PROVIDE WITH SLOAN BASYS, SOLAR POWERED, SENSOR FAUCET & TMV-2  |  |
| L-2                       | LAVATORY (WALL MOUNT)    |         |             | 1 1/2"    | 3/4" | 1/2" | 1/2" | 0.50 GPM | DURAVIT         | VERO FURNITURE WASHBASIN | PROVIDE WITH HANSGRÖHE METRIS S FAUCET & TMV-2  |  |
| MB-1                      | MOP BASIN                |         |             | 2"        | 1"   | 3/4" | 3/4" | 2.50 GPM | FIAT            | TSB3002                  | PROVIDE WITH MSG STAINLESS STEEL WALL GUARDS AND CHICAGO FAUCETS MODEL 540-LD8975W/FAB09  |  |
| SH-1                      | SHOWER                   |         |             | 1 1/2"    | 3/4" | 1/2" | 1/2" | 1.75 GPM | HANSGRÖHE       | RAINDANCE SELECT S       | PROVIDE WITH UNICA WALLBAR (36"), AXOR SHOWER SOLUTIONS WALL OUTLET WITH CHECK VALVES, ECOSTAT S PRESSURE BALANCE TRIM, ROUGH BOX UNIVERSAL PLUS WITH SERVICE STOPS, AND FD-1 PROVIDE WITH HANSGRÖHE FAUCET TALIS S AND DRAIN |  |
| SK-1                      | SINK                     |         |             | 1 1/2"    | 3/4" | 1/2" | 1/2" | 1.75 GPM | ELKAY           | ECTSRAD2522TGB           |   |  |
| SK-2                      | TWO-COMPARTMENT SINK     |         |             | 1 1/2"    | 3/4" | 1/2" | 1/2" | 1.75 GPM | ELKAY           | ECTSRAD3322TGB           | PROVIDE HANSGRÖHE FAUCET TALIS S AND DRAIN WITH TMV, PROVIDE INSINKERATOR BADGER 5 FOOD WASTE DISPOSER  |  |
| SK-3                      | HAND WASHING SINK        |         |             | 1 1/2"    | 3/4" | 1/2" | 1/2" | 0.50 GPM | ELKAY           | EWS25202                 | PROVIDE ELKAY FAUCET LK945GN0514T, DRAIN, & TMV-2   |  |
| UR-1                      | URINAL                   | 120 V   | Yes         | 2"        | 1"   | 1"   | 1"   | 0.13 GPM | TOTO            | UT105LUG                 | PROVIDE WITH FLUSH VALVE SLOAN MODEL CX8198-25-OR   |  |
| UR-2                      | URINAL - ADA             | 120 V   | Yes         | 2"        | 1"   | 1"   | 1"   | 0.13 GPM | TOTO            | UT105LUG                 | PROVIDE WITH FLUSH VALVE SLOAN MODEL CX8198-25-OR   |  |
| WC-1                      | WATER CLOSET             | 120 V   | Yes         | 4"        | 2"   | 1"   | 1"   | 1.28 GPM | TOTO            | CT708EVG                 | PROVIDE WITH FLUSH VALVE SLOAN MODEL CX8158-1.28-OR   |  |
| WC-2                      | WATER CLOSET - ADA       | 120 V   | Yes         | 4"        | 2"   | 1"   | 1"   | 1.28 GPM | TOTO            | CT708EVG                 | PROVIDE WITH FLUSH VALVE SLOAN MODEL CX8158-1.28-OR   |  |

| PLUMBING EQUIPMENT SCHEDULE |              |          |           |      |      |    |   |
|-----------------------------|--------------|----------|-----------|------|------|----|---|
| TYPE MARK                   | FIXTURE      | LOCATION | PIPE SIZE |      |      |    | COMMENTS  |
|                             |              |          | WASTE     | VENT | CW   | HW |   |
| CM                          | COFFEE MAKER | CATERING |           |      | 1/2" |    | PROVIDE FUTURE CONNECTION FOR COFFEE MAKER. SEE ARCH FOR APPLIANCE SPECS. SEE 25/P501 FOR DETAIL. |

| PLUMBING DRAIN SCHEDULE |                      |             |           |               |       |              |  |          |
|-------------------------|----------------------|-------------|-----------|---------------|-------|--------------|--|----------|
| TYPE MARK               | FIXTURE              | DESCRIPTION | PIPE SIZE |               |       | MANUFACTURER | MODEL  | COMMENTS |
|                         |                      |             | WASTE     | Strainer Size | WATTS |              |  |          |
| FD-1                    | FLOOR DRAIN - FINISH | DRAIN       | 3"        | 6"            | WATTS | FD-100-M     | SQUARE, HEEL PROOF, ADJUSTABLE   |          |
| FD-2                    | FLOOR DRAIN - BOH    | DRAIN       | 3"        | 5"            | WATTS | FD-100-B     | ROUND, HEAVY DUTY, ADJUSTABLE  |          |
| FS-1                    | FLOOR SINK           | DRAIN       | 3"        | 10"           | WATTS | FS-750       | WITH HINGED 3/4" GRATE   |          |
| FS-2                    | FLOOR SINK           | DRAIN       | 3"        | 8"            | WATTS | FS-740       | WITH SEDIMENT BUCKET, HINGED GRATE, AND GRATE WITH 2-1/2" CENTER OPENING |          |

| ROOF DRAIN SCHEDULE |                     |           |              |       |                       |       |
|---------------------|---------------------|-----------|--------------|-------|-----------------------|-------|
| TYPE MARK           | FIXTURE             | PIPE SIZE | MANUFACTURER | MODEL | COMMENTS              |       |
|                     |                     |           |              |       |                       | WASTE |
| DS-1                | DOWNSPOUT           |           | ZURN         | ZF199 | ARCH TO PROVIDE COLOR |       |
| ORD-1               | OVERFLOW ROOF DRAIN | 6"        | ZURN         | Z100  |                       |       |
| ORD-2               | OVERFLOW ROOF DRAIN | 6"        | ZURN         | Z100  |                       |       |
| RD-1                | ROOF DRAIN          | 4"        | ZURN         | Z100  |                       |       |
| RD-2                | ROOF DRAIN          | 6"        | ZURN         | Z100  |                       |       |

| PLUMBING CLEANOUT SCHEDULE |                         |           |       |              |        |          |
|----------------------------|-------------------------|-----------|-------|--------------|--------|----------|
| TYPE MARK                  | DESCRIPTION             | PIPE SIZE |       | MANUFACTURER | MODEL  | COMMENTS |
|                            |                         | WASTE     | WATTS |              |        |          |
| FCO-1                      | FINISHED FLOOR CLEANOUT | 4"        | WATTS | CO-1200-S    | SQUARE |          |
| FCO-2                      | CARPET CLEANOUT         | 4"        | WATTS | CO-200-RC    | ROUND  |          |
| FCO-3                      | BOH CLEANOUT            | 3"        | WATTS | CO-1200-RX   | ROUND  |          |
| FCO-4                      | TWO-WAY CLEANOUT        | 4"        | WATTS | CO-200-RC    | ROUND  |          |

| PLUMBING PUMP SCHEDULE |                                |                    |                        |                 |          |           |                        |               |           |                 |             |       |                |              |         |
|------------------------|--------------------------------|--------------------|------------------------|-----------------|----------|-----------|------------------------|---------------|-----------|-----------------|-------------|-------|----------------|--------------|---------|
| MARK                   | LOCATION                       | SYSTEM SERVED      | TYPE                   | NUMBER OF PUMPS | PUMP GPM | HEAD (FT) | FLUID TEMPERATURE (°F) | DRIVE TYPE    | MOTOR RPM | PUMP 1 MOTOR HP | VOLTAGE (V) | PHASE | MODEL          | MANUFACTURER | REMARKS |
| RWP-1                  | JANITOR - 854E                 | DOMESTIC HOT WATER | IN-LINE, RECIRCULATION | 1               | 2        | 15        | 140                    | CLOSE COUPLED | 3250      | 0.125           | 115         | 1     | IL0014         | TACO         | 1       |
| SP-1                   | ACCESS TO ORCHESTRA PIT - 841A | SUBDRAINAGE        | SUBMERSIBLE            | 1               | 50       | 30        | 50                     | CLOSE COUPLED | 3368      | 1.000           | 460         | 3     | TOK50PN2.75-63 | TSURUMI PUMP | 2-4     |

- REMARKS:
- 1 PROVIDE NSF LOW LEAD COMPLIANT MATERIALS.
  - 2 PROVIDE A CHECK AND GATE VALVE ON THE DISCHARGE SIDE OF THE PUMP PER IPC 712. SEE DETAILS ON P-501.
  - 3 PROVIDE MANUFACTURER'S PUMP REMOVAL SYSTEM, TSURUMI PUMP TOK OR SIMILAR.
  - 4 PROVIDE CONTROL PANEL TS SERIES, 208 SINGLE PHASE, 11 FLA.

| WATER HEATER SCHEDULE |          |             |                              |         |            |       |        |                       |              |             |         |
|-----------------------|----------|-------------|------------------------------|---------|------------|-------|--------|-----------------------|--------------|-------------|---------|
| MARK                  | TYPE     | FUEL        | FLOW AT 90°F TEMP RISE (GPH) | VOLUME  | ELECTRICAL |       |        | SHIPPING WEIGHT (LBS) | MANUFACTURER | MODEL       | REMARKS |
|                       |          |             |                              |         | VOLTAGE    | PHASE | FLA    |                       |              |             |         |
| WH-1                  | ELECTRIC | ELECTRICITY | 164                          | 120 gal | 480 V      | 3     | 43.3 A | 390                   | A. O. Smith  | DRE-120A-36 |         |

| EXPANSION TANK SCHEDULE |                |                    |             |                   |                   |        |          |              |              |        |                             |
|-------------------------|----------------|--------------------|-------------|-------------------|-------------------|--------|----------|--------------|--------------|--------|-----------------------------|
| MARK                    | LOCATION       | SYSTEM SERVED      | TANK VOLUME | ACCEPTANCE VOLUME | SYSTEM CONNECTION | HEIGHT | DIAMETER | WEIGHT (LBS) | MANUFACTURER | MODEL  | REMARKS                     |
| WET-1                   | JANITOR - 854E | DOMESTIC HOT WATER | 14 gal      | 5.6 gal           | 1"                | 22"    | 16"      | 32           | WATTS        | PLT-35 | PROVIDE ASME CERTIFIED TANK |

| BACKFLOW PREVENTER SCHEDULE |                    |                |                                     |      |   |              |             |  |
|-----------------------------|--------------------|----------------|-------------------------------------|------|---|--------------|-------------|--|
| MARK                        | FIXTURE            | SERVICE        | LOCATION                            | SIZE | DESCRIPTION   | MANUFACTURER | MODEL       |  |
| BFP-1                       | BACKFLOW PREVENTOR | DOMESTIC WATER | MECHANICAL ROOM - 854A              | 2"   | ASSE 1013 COMPLIANT REDUCED PRESSURE BACKFLOW PREVENTER | WATTS        | LF099-M2-QT |  |
| BFP-2                       | BACKFLOW PREVENTOR | HUMIDIFIER     | LOADING / RECEIVING / HOLDING - 854 | 1"   | ASSE 1013 COMPLIANT REDUCED PRESSURE BACKFLOW PREVENTER | WATTS        | LF099-M2-QT |  |

| THERMOSTATIC MIXING VALVE SCHEDULE |                           |                   |              |               |  |       |
|------------------------------------|---------------------------|-------------------|--------------|---------------|--|-------|
| MARK                               | FIXTURE                   | FLUID TEMPERATURE | MANUFACTURER | MODEL         | DESCRIPTION  |       |
|                                    |                           |                   |              |               |  | WATTS |
| TMV-1                              | THERMOSTATIC MIXING VALVE | 120 °F            | WATTS        | LFN170        | PRESSURE COMPENSATING TYPE WITH VOLUME CONTROL, SHUTOFF AND STEM TYPE THERMOMETER ON OUTLET, STRAINER STOP CHECK ON INLET, AND CHECK VALVE 120°F WATER OUT |       |
| TMV-2                              | THERMOSTATIC MIXING VALVE | 105 °F            | WATTS        | LFUSG-B-QC-M2 | WITH QUICK CONNECT FITTINGS  |       |

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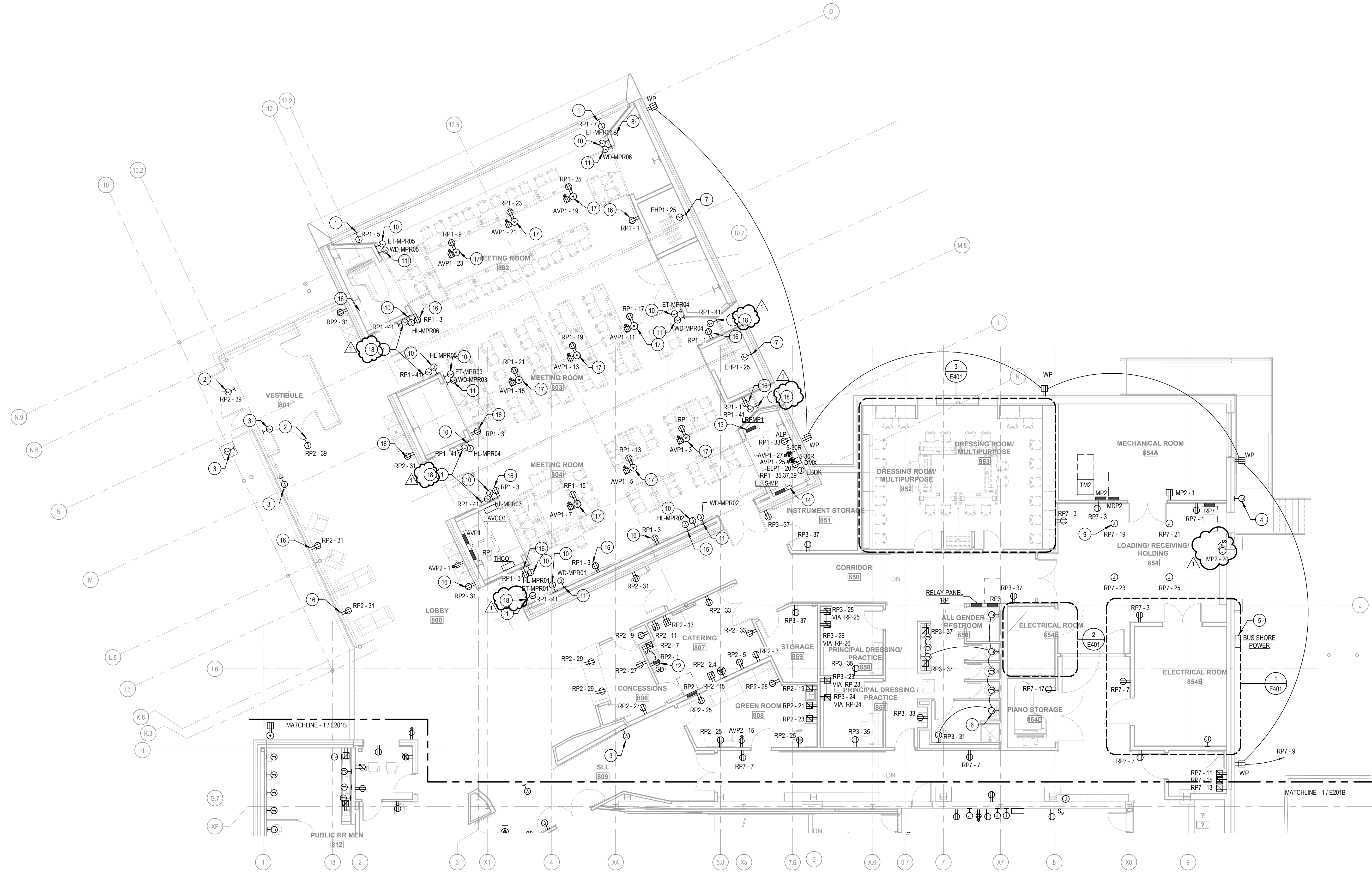
687 MOSSER ROAD  
MCHEERY, MD 21541

ISSUED FOR BID AND PERMIT  
Issue Date: 11/15/2019  
Revisions  
1 04/16/2019 DESIGN DEVELOPMENT  
2 08/23/2019 85% CD's  
3 08/19/2019 90% CD's/ADDC  
4 10/18/2019 95% CD's  
5 12/11/2019 ADDENDUM 01

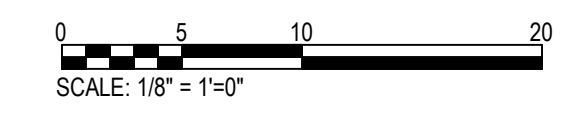
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PLUMBING SCHEDULES

P601

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**ELECTRICAL POWER PLAN - MAIN LEVEL - AREA A**  
SCALE: 1/8" = 1'-0"



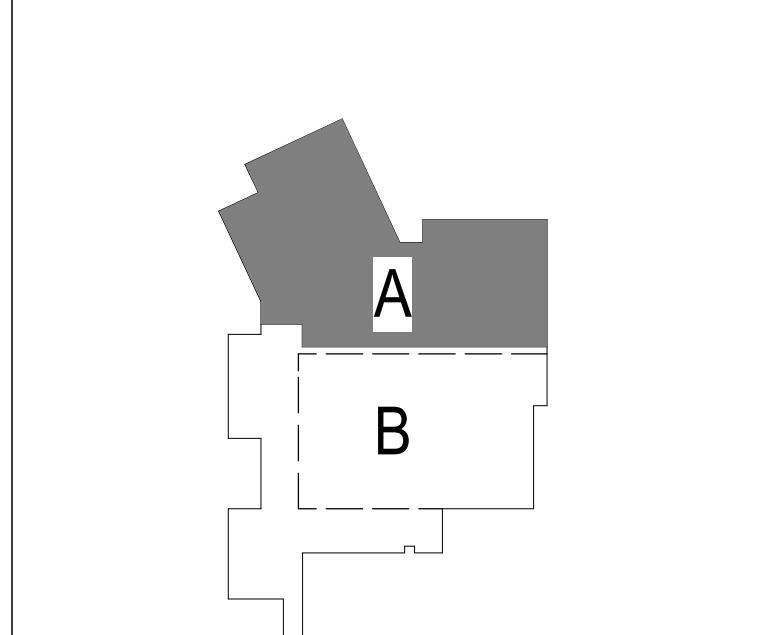
**LEGEND NOTES**

- 1 PROVIDE 120V POWER CONNECTION TO ALL MOTORIZED SHADES THIS WALL.
- 2 PROVIDE 120V CONNECTION TO DOOR HARDWARE.
- 3 PROVIDE CONNECTION TO PUSH BUTTONS FOR DOOR OPENER.
- 4 PROVIDE 120V CONNECTION TO CARD READER. REFER TO 'E' DRAWINGS FOR EXACT LOCATION.
- 5 PROVIDE EATON (OR PRE-APPROVED EQUAL) SHORE POWER PEDESTAL MODEL #CHJUG8N8PX-T2 WITH (1) NEMA 14-50R AND (2) NEMA 5-20R GFI RECEPTACLES. LOCATION MUST ADHERE TO NEC 551.17.
- 6 PROVIDE 120V POWER CONNECTION TO TOILETS, LAVS, AND URINALS IN THIS ROOM. TYPICAL.
- 7 POWER CONNECTION FOR ELECTRIC EXIT SIGNS INTEGRAL TO ROOM PARTITION. COORDINATE POWER CONNECTION REQUIREMENTS WITH PARTITION INSTALLATION.
- 8 MECHOSHADE CONTROLLER LOCATION. PROVIDE CONTROL WIRING AND CONDUIT PER MANUFACTURER'S REQUIREMENTS.
- 9 PENDANT HUNG RECEPTACLE. PROVIDE RETRACTABLE CONDUIT SUPPORTED FROM STRUCTURE. LOCATED 6" BELOW CEILING. PROVIDE 28FT. 3/8" ID SO CONDUIT WITH NEMA 5-20R RECEPTACLE BY HUBBELL OR EQUAL, TYPICAL OF 4.
- 10 SEE QT DRAWINGS FOR EXACT LOCATION. PROVIDE 1" CONDUIT AND PULLSTRINGS BACK TO ALP DEVICE IN AV & OTHER ROOM.
- 11 SEE QT DRAWINGS FOR EXACT LOCATION. PROVIDE 4#10, 2#10 GND IN 1" CONDUIT BACK TO DIMMER RACK IN AV & OTHER ROOM.
- 12 SWITCHED RECEPTACLE BELOW SINK FOR GARBAGE DISPOSAL. POWER SHALL BE CONTROLLED BY ABOVE COUNTER SWITCH AS SHOWN.
- 13 PROVIDE FREESTANDING STEEL CHANNEL RACK FOR MOUNTING LIGHTING RELAY PANEL LRPW1.
- 14 PROVIDE 3P, 20A CIRCUIT BREAKER FOR POWER SENSING FOR ELTS-MP. SEE DETAIL 2 ON SHEET E604 FOR ADDITIONAL INFORMATION.
- 15 PROVIDE REMOTE CONTROL STATION FOR ELTS. SEE DETAIL 2 ON SHEET E604 FOR ADDITIONAL INFORMATION AND WIRING.
- 16 MOUNT RECEPTACLE IN CENTER OF BASEBOARD TRIM. SEE DETAIL 3 ON SHEET E602 FOR ORIENTATION OF RECEPTACLE IN BASEBOARD.
- 17 PROVIDE DUPLEX RECEPTACLES IN AV FLOOR BOX.
- 18 PROVIDE ADDITIONAL CONNECTION TO MOTORIZED SHADES ABOVE AT TRANSOM. EXTEND 120V POWER CONNECTION TO TRANSOM MOTORIZED SHADE CONNECTIONS.

**GENERAL NOTES**

- 1 FOR ABBREVIATIONS AND SYMBOL LEGEND, SEE SHEET E-001.
- 2 PROVIDE AND MAINTAIN ELECTRICAL SAFETY AND WORKING CLEARANCES IN FRONT OF AND AROUND ALL ELECTRICAL EQUIPMENT IN ACCORDANCE WITH NEC.
- 3 ALL ELECTRICAL DEVICES SHALL BE RECESSED MOUNTED AND ALL BRANCH CIRCUITS/FEEDERS SHALL BE CONCEALED UNLESS NOTED OTHERWISE.
- 4 ALL STAGEHOUSE CONDUIT AND DEVICES ARE PERMITTED TO BE SURFACE MOUNTED. ALL STAGEHOUSE CONDUIT AND DEVICES AND HANGERS SHALL BE PAINTED MATTE BLACK TO MATCH WALLS.
- 5 REFER TO AUDIO-VISUAL (TA SERIES), THEATRICAL (QT SERIES), AND TELECOMMUNICATIONS (TE SERIES) FOR ADDITIONAL INFORMATION ON DEVICE LOCATIONS, CONDUITS, AND REQUIREMENTS.
- 6 ALL CIRCUITS TERMINATING IN DIMMER RACKS OR AV PANELS SHALL BE MINIMUM #10 AWG.

**KEY PLAN**



NOT FOR CONSTRUCTION

GARRETT COLLEGE CEPAC  
687 MOSSER ROAD  
MCHEENRY, MD 21541

ISSUED FOR BID AND PERMIT  
Issue Date: 11/15/2019  
Revisions:  
1 ADDENDUM 01 12/11/2019

56-18107-00  
ELECTRICAL POWER PLAN - MAIN LEVEL - AREA A

E201A

NOT FOR CONSTRUCTION

GARRETT COLLEGE CEPAC

687 MOSSER ROAD  
MCKENRY, MD 21541

ISSUED FOR BID AND PERMIT  
Issue Date: 11/15/2019  
Revisions  
1 ADDENDUM 01 12/11/2019

56-18107-00  
ELECTRICAL POWER PLAN - MAIN LEVEL - AREA B

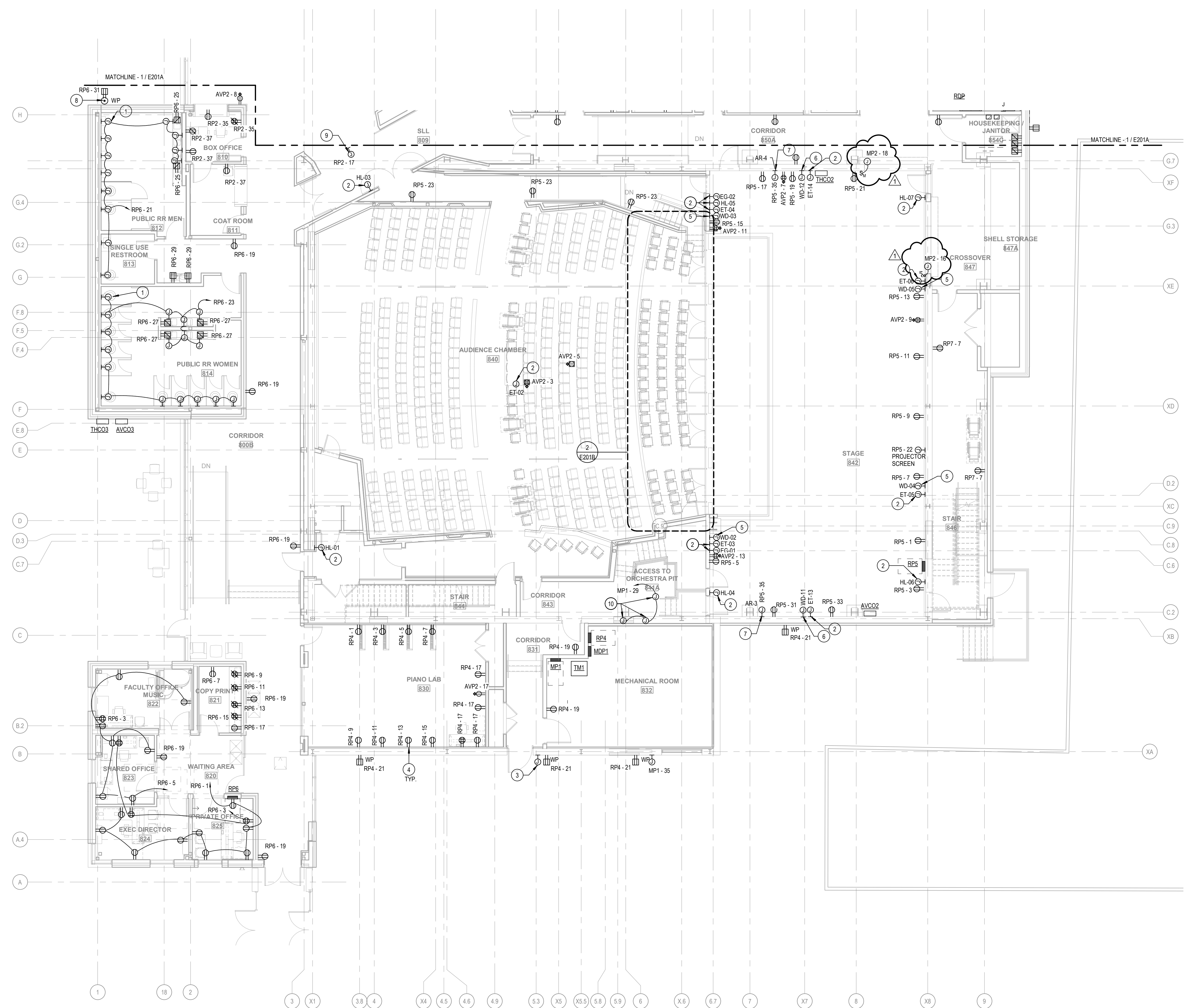
E201B

**LEGEND NOTES**

- 1 PROVIDE 120V POWER CONNECTION TO TOILETS, LAVS, AND URINALS IN THIS ROOM. TYPICAL.
- 2 SEE DT DRAWINGS FOR EXACT LOCATION. PROVIDE 1" CONDUIT FROM THEATRICAL DEVICE BACK TO ALP DEVICE IN DIMMER ROOM 884A.
- 3 PROVIDE 120V CONNECTION TO CARD READER. REFER TO THE DRAWINGS FOR EXACT LOCATION.
- 4 DEVICES ON SOUTH WALL OF PIANO LAB SHALL BE SURFACE MOUNTED. CIRCUITING WIRE GOING TO DEVICE SHALL BE INSTALLED IN EMT RACEWAY ALSO SURFACE MOUNTED ON SOUTH WALL. EMT RACEWAY SHALL BE PAINTED SAME COLOR AS WALL.
- 5 SEE DT DRAWINGS FOR EXACT LOCATION. PROVIDE #10, #10 GND IN 1" CONDUIT BACK TO DIMMER RACK IN DIMMER ROOM 884A.
- 6 SEE DT DRAWINGS FOR EXACT LOCATION. PROVIDE 2 SETS OF #10, #10 GND IN 1" CONDUIT BACK TO DIMMER RACK IN DIMMER ROOM 884A.
- 7 SEE DT DRAWINGS FOR EXACT LOCATION AND DETAILS. PROVIDE 1 1/4" CONDUIT WITH PULLSTRINGS AND 1 1/2" CONDUIT WITH PULLSTRINGS FROM AR-1 DEVICE LOCATED AT FLY GALLERY.
- 8 PROVIDE EXTERIOR WET LOCATION LISTED IN GROUND BOX WITH 1 1/2" DUPLEX RECEPTACLE. BASIS OF DESIGN IS LEGRAND - OUTDOOR POWER BOX MODEL # XB814520C2BK. CIRCUIT AS SHOWN. PROVIDE CIRCUIT WITH GFI TYPE CIRCUIT BREAKER FOR GFI PROTECTION.
- 9 PROVIDE 120V CONNECTION TO DOOR HARDWARE.
- 10 PROVIDE 120V POWER CONNECTION TO FIRE SMOKE DAMPER.

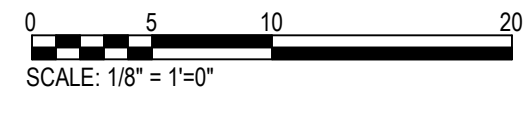
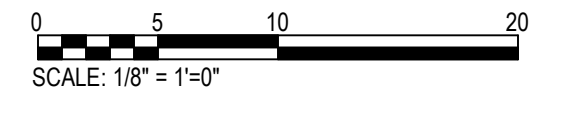
**GENERAL NOTES**

- 1 FOR ABBREVIATIONS AND SYMBOL LEGEND, SEE SHEET E-301.
- 2 PROVIDE AND MAINTAIN ELECTRICAL SAFETY AND WORKING CLEARANCES IN FRONT OF AND AROUND ALL ELECTRICAL EQUIPMENT IN ACCORDANCE WITH NEC.
- 3 ALL ELECTRICAL DEVICES SHALL BE RECESSED MOUNTED AND ALL BRANCH CIRCUITS/FEDERS SHALL BE CONCEALED UNLESS NOTED OTHERWISE.
- 4 ALL STAGEHOUSE CONDUIT AND DEVICES ARE PERMITTED TO BE SURFACE MOUNTED. ALL STAGEHOUSE CONDUIT AND DEVICES AND HANGERS SHALL BE PAINTED MATTE BLACK TO MATCH WALLS.
- 5 REFER TO AUDIO-VISUAL (TA SERIES), THEATRICAL (OT SERIES), AND TELECOMMUNICATIONS (TE SERIES) FOR ADDITIONAL INFORMATION ON DEVICE LOCATIONS, CONDUITS, AND REQUIREMENTS.
- 6 ALL CIRCUITS TERMINATING IN DIMMER RACKS OR AV PANELS SHALL BE MINIMUM #10 AWG.

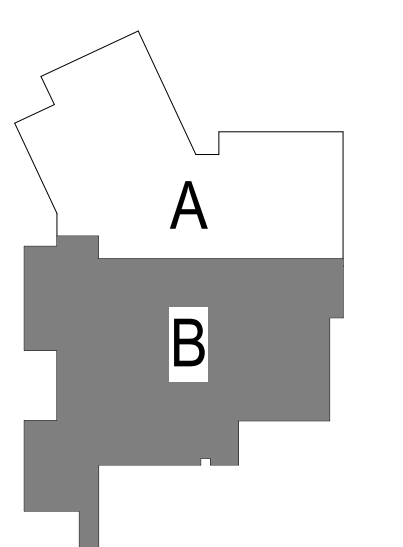


**ELECTRICAL POWER PLAN - MAIN LEVEL - AREA B**  
SCALE: 1/8" = 1'-0"

**ELECTRICAL POWER PLAN - ORCHESTRA PIT**  
SCALE: 1/8" = 1'-0"



**KEY PLAN**





| COMMUNICATION SYMBOLS |  | COMMUNICATION SYMBOLS |   | COMMUNICATION ABBREVIATIONS  |  |
|-----------------------|--|-----------------------|---|--|--|
| SYMBOL                | DESCRIPTION  | SYMBOL                | DESCRIPTION   | ABBREVIATION   | DESCRIPTION  |
|                       | AUTOMATIC DOOR OPENER, WIRED INTO ACCESS CONTROL SYSTEM. SHOWN FOR COORDINATION. |                       | WALL MOUNTED WORKSTATION/DESK TELECOMMUNICATION OUTLET SHALL BE MOUNTED @ 1'-6" AFF TO CENTER OF BACK BOX.<br>ELECTRICAL CONTRACTOR TO PROVIDE NEW 4-11/16" SQUARE BY 2-1/8" DEEP BACK BOX WITH SINGLE GANG PLASTER RING, 1-1/4" CONDUIT WITH BUSHINGS AND PULL WIRE EXTENDED BACK TO NEAREST ACCESSIBLE CEILING.<br>TELECOMMUNICATION CONTRACTOR TO PROVIDE NEW CATEGORY 6A UTP CABLE FROM TELECOM CLOSET/ROOM TO OUTLET LOCATION AS SHOWN AND TERMINATE WITH RJ45 IN FACEPLATE AS INDICATED IN TELECOM DOCUMENTS. | 1PH SINGLE-PHASE<br>1P SINGLE POLE<br>2/C TWO-CONDUCTOR<br>3/C THREE-CONDUCTOR<br>3PH THREE-PHASE<br>4/C FOUR-CONDUCTOR<br>4W FOUR-WIRE<br>A/C UNIT AIR CONDITIONING UNIT<br>A/E ARCHITECT/ENGINEER<br>A/EP ALARM ANNUNCIATOR PANEL<br>A/AL ALTERNATING CURRENT OR ARMORED CABLE<br>ACC ACCESSIBLE<br>AD AMERICANS WITH DISABILITIES ACT<br>ADDL ADDITIONAL<br>ADJ ADJACENT, ADJOINING<br>ADO AUTOMATIC DOOR OPENER<br>AFC ABOVE FINISHED COUNTER<br>AFF ABOVE FINISHED FLOOR<br>AFS ABOVE FINISHED GRADE<br>A/H AUTHORITY HAVING JURISDICTION<br>ALT ALTERNATE<br>AMB OR A AMBIENT<br>ARCH ARCHITECT<br>ATS AUTOMATIC TRANSFER SWITCH<br>AUTO AUTOMATIC<br>AV AUDIO VISUAL<br>BAS BUILDING AUTOMATION SYSTEM<br>BAT BATTERY<br>BC BARE COPPER<br>BD BOARD<br>BEF BUILDING ENTRANCE FACILITY<br>BFF BELOW FINISH FLOOR<br>BICSI BUILDING INDUSTRY CONSULTING SERVICE<br>BLDG BUILDING<br>BPIP BOILER PLANT INSTRUMENTATION PANEL<br>BYP BY PASS<br>C CONDUIT<br>CAB CABINET<br>CALC CALCULATE<br>CAP CAPACITY<br>CAT CATALOG<br>CATV COMMUNITY ANTENNA TELEVISION<br>CBC COUPLED BONDING CONDUCTOR<br>CCR CONTROL CONTACTOR<br>CCTV CLOSED CIRCUIT TELEVISION<br>CD CONSTRUCTION DOCUMENTS<br>CF CONTRACTOR FURNISHED<br>CF/CI CONTRACTOR FURNISHED/CONTRACTOR INSTALLED<br>CF/OI CONTRACTOR FURNISHED/OWNER INSTALLED<br>CFE CONTRACTOR FURNISHED EQUIPMENT<br>CLG CEILING<br>CM CONSTRUCTION MANAGER<br>CMU CONCRETE MASONRY UNIT<br>COAX COAX CABLE<br>COMM COMMUNICATION<br>COMPART COMPARTMENT<br>CONC CONCRETE<br>CONT CONTINUE<br>CONTR CONTRACTOR<br>COORD COORDINATE<br>CT CABLE TRAY<br>CTV CABLE TELEVISION<br>CU COPPER<br>CU FT CUBIC FEET<br>CUR CURRENT<br>DB DE/OBEL OR DIRECT BURIAL<br>DC DIRECT CURRENT<br>DEG C DEGREES CELSIUS<br>DEG F DEGREES FAHRENHEIT<br>DEM DEMOLITION<br>DIAG DIAGRAM<br>DISTR DISTRIBUTION<br>DN DOWN<br>DRSW DOOR SWITCH<br>DWG DRAWING<br>EC ELECTRICAL CONTRACTOR<br>E EMPTY CONDUIT<br>EG EQUIPMENT GROUND<br>EIA ELECTRONICS INDUSTRIES ASSOCIATION<br>ELEV ELEVATION<br>ELEC ELECTRIC OR ELECTRICAL<br>ELEV ELEVATOR<br>EMER EMERGENCY<br>EMI ELECTROMAGNETIC INTERFERENCE<br>EMT ELECTRICAL METALLIC TUBING<br>ENCL ENCLOSURE<br>EPO EMERGENCY POWER OFF<br>ES/INT EXISTING TO REMAIN<br>ETR EXISTING<br>FLEX FLEXIBLE METALLIC CONDUIT<br>FOUIT TELEPHONE FLOOR OUTLET<br>FP FIRE PROTECTION<br>FEET OR FOOT FEET OR FOOT<br>FU SW FUSED SWITCH<br>G OR GND GROUND OR GENERATOR<br>GC GENERAL CONTRACTOR<br>GEN GENERATOR<br>GTR GROUND TERMINAL BOX<br>HC HORIZONTAL CROSS-CONNECT<br>HOA HAND-OFF-AUTOMATIC<br>HT HEIGHT<br>HVAC HEATING, VENTILATION, AND AIR CONDITIONING<br>HERTZ HERTZ<br>IC INTERMEDIATE CROSS-CONNECT<br>IMC INTERMEDIATE METAL CONDUIT<br>IR INFRARED<br>J-BOX JUNCTION BOX<br>LAN LOCAL AREA NETWORK<br>LF LINEAR FEET (FOOT)<br>L/N LIGHTNING<br>LV LOW VOLTAGE<br>MATV MASTER ANTENNA TELEVISION SYSTEM<br>MAX MAXIMUM<br>MC MAIN CROSS-CONNECT<br>MECH MECHANICAL<br>MH MANHOLE<br>MIN MINIMUM<br>MM MULTIMODE<br>MT MOUNT<br>MTD MOUNTED<br>M/G MOUNTING<br>MUTOA MULTI-USER TELECOMMUNICATIONS OUTLET ASSEMBLY<br>NA NOT APPLICABLE<br>NEC NATIONAL ELECTRICAL CODE<br>NEC/NATIONAL NATIONAL ELECTRICAL SAFETY CODE<br>NEUT NEUTRAL<br>NFFPA NATIONAL FIRE PROTECTION ASSOCIATION<br>NOT IN CONTRACT NOT IN CONTRACT<br>NS NO SCALE<br>NTS NOT TO SCALE<br>ON CENTER ON CENTER<br>OD OUTSIDE DIAMETER<br>OSP OUTSIDE PLANT<br>P POLE<br>PA PUBLIC ADDRESS<br>PB PANELBOARD, PULL BOX, OR PUSHBUTTON<br>PBP/PREFABRICATED PREFABRICATED BEDSIDE PATIENT UNIT<br>PED PEDESTAL<br>PEND PENDANT<br>PF POWER FACTOR<br>PH PHASE<br>P/NL PANEL<br>PTZ PAN, TILT, ZOOM<br>PVC POLYVINYL CHLORIDE (PLASTIC)<br>PWR POWER<br>RCDD REGISTERED COMMUNICATIONS DISTRIBUTION DESIGN<br>REFLECTED REFLECTED CEILING PLAN<br>REC RECESSED<br>RECP RECEPTACLE<br>REQD REQUIRED<br>RGS RIGID GALVANIZED STEEL<br>RM ROOM<br>REX REQUEST TO EXIT<br>Sc/TP SCREENED TWISTED PAIR<br>SF or SOFT SQUARE FOOT (FEET)<br>SHT SHEET<br>SI INTERNATIONAL SYSTEM OF UNITS<br>SM SINGLE-MODE<br>SPEC SPECIFICATION<br>STP SHIELDED TWISTED PAIR<br>SURF SURFACE<br>SW SWITCH<br>TB TELECOMMUNICATIONS BACKBOARD<br>TBB TELECOMMUNICATIONS BONDING BACKBONE<br>TC TELECOMMUNICATION CONTRACTOR<br>TCC TEMPERATURE CONTROL CONTRACTOR<br>TEL TELEPHONE<br>TGB TELECOMMUNICATIONS GROUNDING BUSBAR<br>TIA TELECOMMUNICATIONS INDUSTRY ASSOCIATION<br>TMGB TELECOMMUNICATIONS MAIN GROUNDING BUSBAR<br>TP TWISTED PAIR<br>TPS TWISTED PAIR SHIELDED<br>TTB TELEPHONE TERMINAL BOARD<br>TV TELEVISION<br>TYP TYPICAL<br>UFD UNDERFLOOR DUCT<br>UGND UNDERGROUND<br>UL UNDERWRITERS LABORATORY<br>UNLESS UNLESS OTHERWISE NOTED<br>UPS UNINTERRUPTIBLE POWER SUPPLY<br>UTIL UTILITY<br>V VOLT<br>WAP WIRELESS ACCESS POINT<br>WP WEATHERPROOF | ONE-LINE<br><br>TELECOMMUNICATION FIBER, COPPER, COAXIAL CROSS CONNECT<br><br>COPPER SERVICE PRIMARY PROTECTION, BY SERVICE PROVIDER.  |
|                       |  |                       |   |  | <b>GENERAL NOTES</b><br>1) ALL CONDUIT PENETRATIONS THROUGH FIRE RATED WALLS, FLOORS, OR SHAFTS SHALL BE SEALED IN ACCORDANCE WITH TECHNOLOGY FIRESTOPPING SPECIFICATION SECTION.<br>2) CONTRACTOR SHALL COORDINATE LOCATIONS OF ALL CEILING MOUNTED DEVICES WITH THE ARCHITECTURAL REFLECTED CEILING PLANS, ELEVATIONS, SECTIONS AND DETAILS. CONTRACTOR SHALL ALSO COORDINATE LOCATIONS OF WORK AREA OUTLETS AND OTHER WALL MOUNTED DEVICES WITH THE ARCHITECTURAL WALL ELEVATIONS AND FINISHES.<br>3) THE ROUTING OF ALL SURFACE MOUNTED/EXPOSED CONDUIT OR RACEWAY IN FINISHED AREAS (OR WHERE NOTED ON THE DRAWINGS) SHALL BE COORDINATED WITH, AND SHALL BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION.<br>4) CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF MECHANICAL EQUIPMENT WITH THE MECHANICAL CONTRACTOR AND ELECTRICAL EQUIPMENT WITH THE ELECTRICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL MAKE APPROPRIATE ADJUSTMENTS TO CONDUIT AND RACEWAY LOCATIONS AS REQUIRED. FOR ADDITIONAL REQUIREMENTS, REFER TO TECHNOLOGY PATHWAY HARDWARE SPECIFICATION SECTION.<br>5) ALL CABLE TRAYS SHALL BE INSTALLED SO AS TO BE U.L. LISTED AS BEING ELECTRICALLY CONTINUOUS FOR GROUNDING PURPOSES, AND SHALL BE BONDED TO AN ACCEPTABLE TELECOMMUNICATIONS GROUND ONLY.<br>6) ALL PULLBOXES AND JUNCTION BOXES SHALL BE INSTALLED IN A "READILY ACCESSIBLE" LOCATION AND SHALL HAVE PROPER WORKING SPACE AS DEFINED IN NEC ARTICLE 100 AND 110.<br>7) UTILIZATION OF THE PHRASE "PROVIDED BY" WITHIN THE CONTEXT OF THESE DOCUMENTS SHALL EXPLICITLY REPRESENT "FURNISHED AND INSTALLED BY".<br>8) AT BUILT-IN CABINET LOCATIONS, OUTLETS ARE TO BE LOCATED ABOVE COUNTERS UNLESS OTHERWISE NOTED.<br>9) TELE-DATA LOCATIONS AT DESKS TO BE LOCATED BESIDE ELECTRICAL OUTLET TO SUPPLY ALL FUNCTIONS NEEDED TO RUN A COMPUTER COMING FROM ONE LOCATION.<br>10) ALL DEVICES SHOWN ON TE AND TY SERIES DRAWINGS SHALL WIRE BACK TO NEAREST TELECOM ROOM OR CLOSET.<br>11) MOUNTING HEIGHTS GIVEN ARE TYPICAL AND SHALL BE COORDINATED WITH ADJACENT POWER AND AV DEVICES PRIOR TO ROUGH-IN INSTALLATION.<br>12) REFER TO FACEPLATE DETAILS AND TERMINATIONS LEGEND, AND DIVISION 27 AND 28 SPECIFICATIONS FOR ADDITIONAL INFORMATION.<br>13) CCTV CAMERA CABLE SHALL NOT BE RUN EXPOSED AND VISIBLE BY THE PUBLIC. CONDUIT SHALL BE RUN IN ALL EXPOSED, INACCESSIBLE AREAS AND EXTERIOR LOCATIONS.<br>14) CONTRACTOR SHALL BE CAREFUL TO NOT DAMAGE TELECOMMUNICATION EQUIPMENT, RACKS AND DEVICES DURING DEMOLITION.<br>15) CONTRACTOR SHALL TURN OVER ALL EXISTING TELECOMMUNICATION EQUIPMENT, RACKS AND DEVICES OVER TO OWNER.<br>16) CATEGORY 6A UTP CABLE PERMANENT LINK LENGTH SHALL NOT EXCEED 295 FEET. CONTRACTOR SHALL INFORM OWNER, ARCHITECT OR TELECOMMUNICATION SYSTEM DESIGNER IMMEDIATELY UPON DISCOVERY AND PRIOR TO PULLING CABLE WHERE THE MAXIMUM LENGTH IS THOUGHT TO BE EXCEEDED.<br>17) BACK BOX SHALL BE INSTALLED WITH APPROPRIATE PLASTER RING, CONDUIT SIZE AS INDICATED STUBBED ABOVE ACCESSIBLE CEILING OR TELECOMMUNICATIONS CLOSET, AND SHALL BE INSTALLED WITH PULL STRING AND BUSHINGS AS REQUIRED.<br>18) ALL CABLE AND WIRING INDICATED IN DIVISIONS 27 AND 28 DRAWINGS AND SPECIFICATIONS SHALL BE PROVIDED BY TELECOMMUNICATION CONTRACTOR UNLESS NOTED OTHERWISE IN DIVISIONS 27 AND 28 DRAWINGS AND SPECIFICATIONS. |

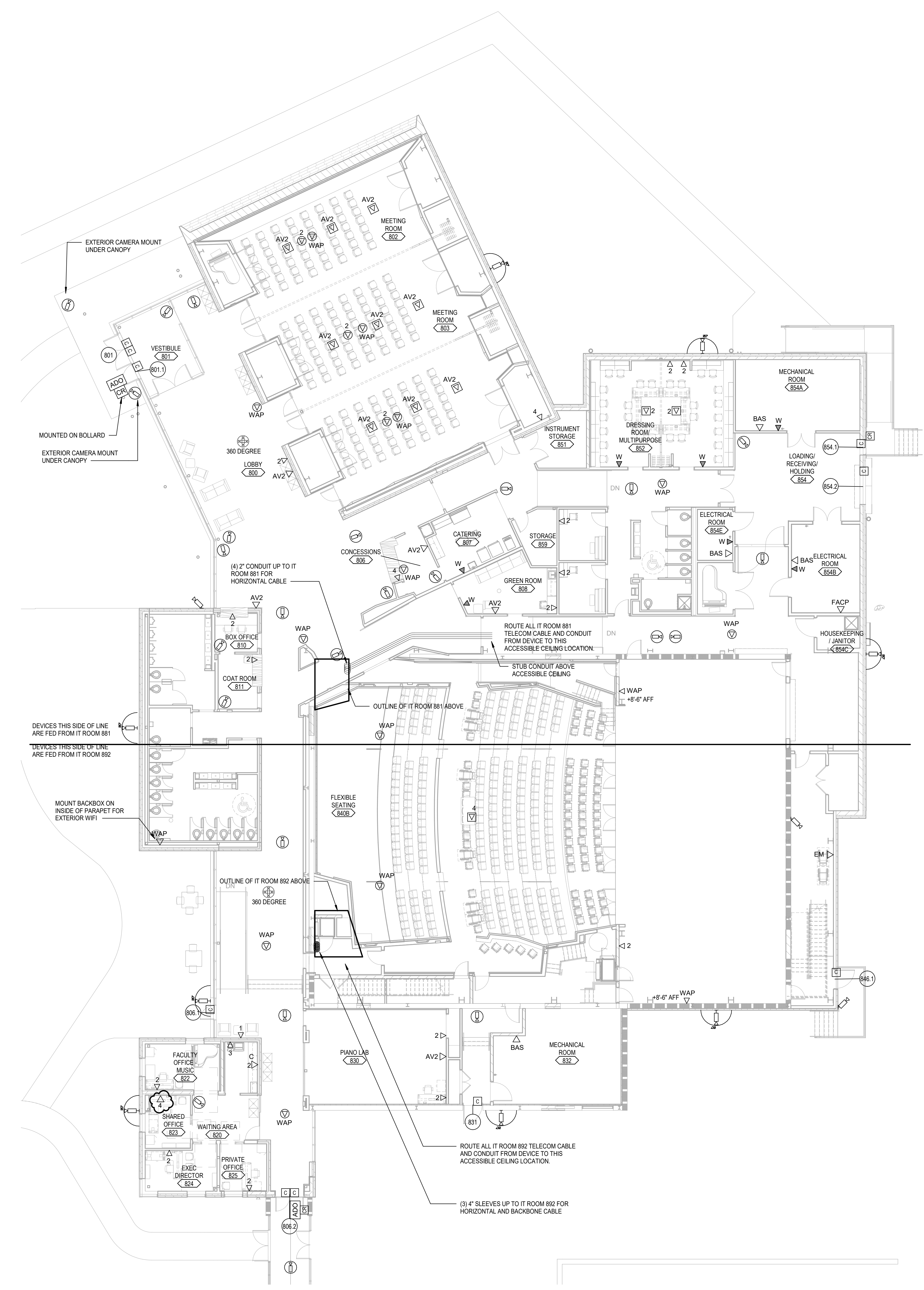
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CONSTRUCTION

GARRETT COLLEGE CEPAC  
687 MOSSER ROAD,  
MCHEENY, MD 21541

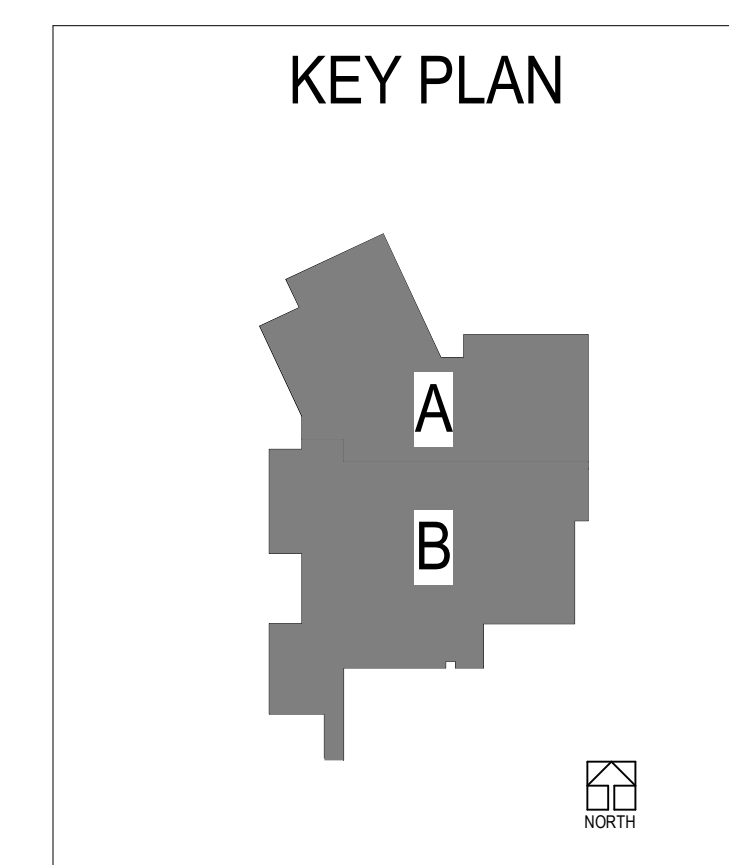
ISSUED FOR BID  
AND PERMIT  
Issue Date: 11/15/2019  
Revisions  
1 ADDENDUM 01 12/11/2019

56-18107-00  
TELECOM PLAN,  
MAIN LEVEL

TE101



**FLOOR PLAN - MAIN LEVEL**  
SCALE: 3/32" = 1'-0"



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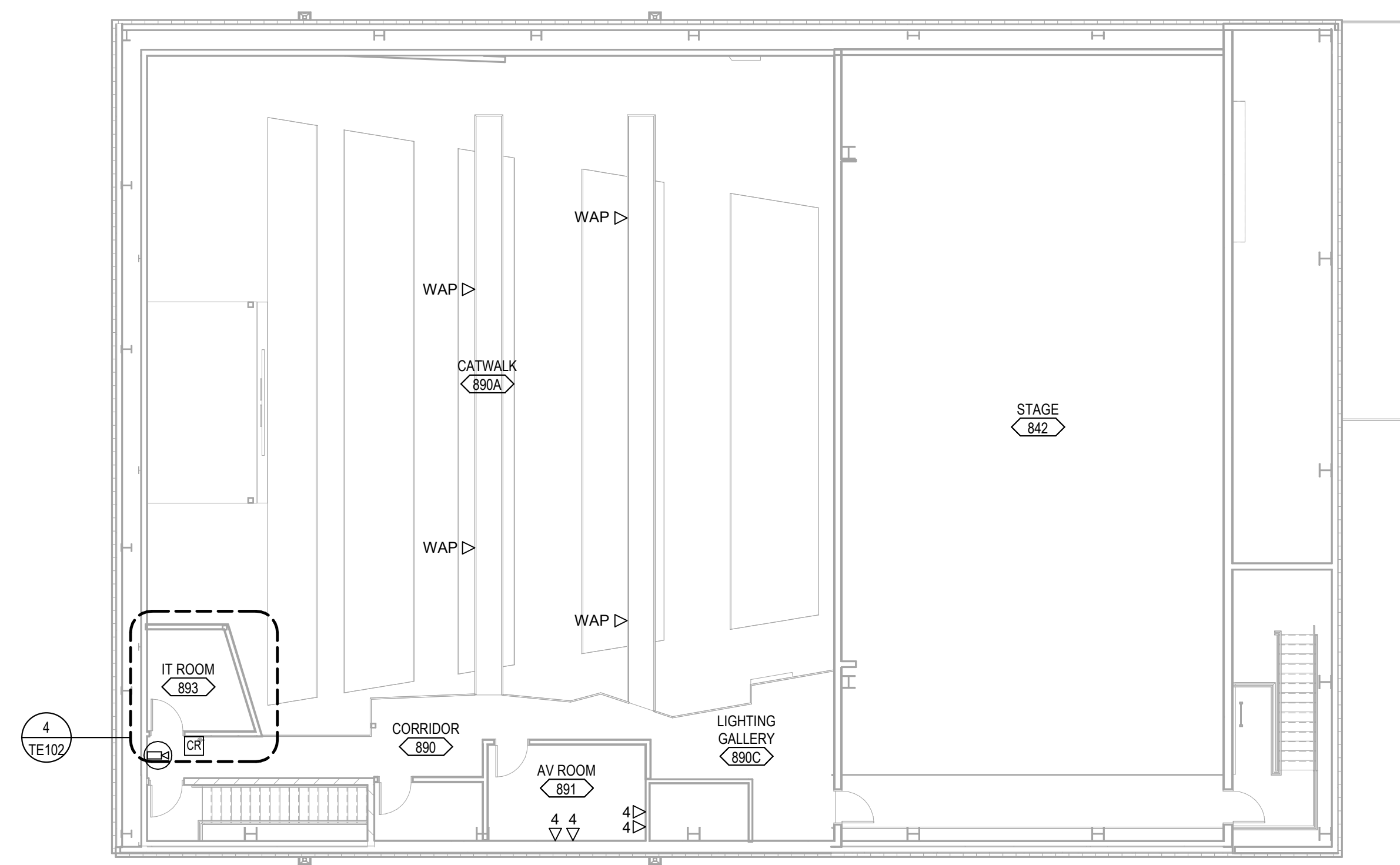
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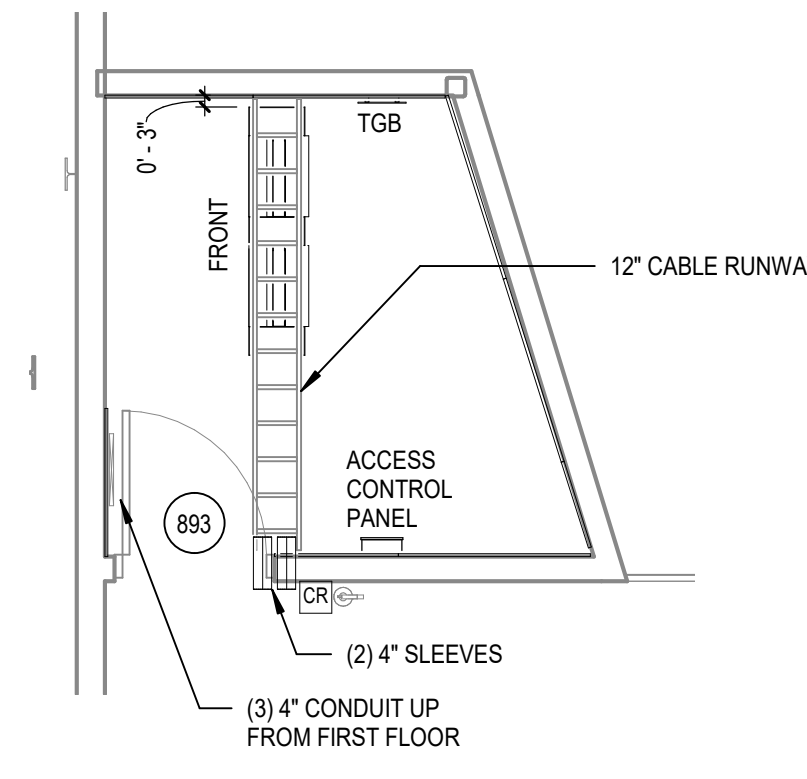
ISSUED FOR BID AND PERMIT  
Issue Date: 11/15/2019  
Revisions  
1 ADDENDUM 01 12/11/2019

56-18107-00  
TELECOM PLAN,  
SECOND LEVEL

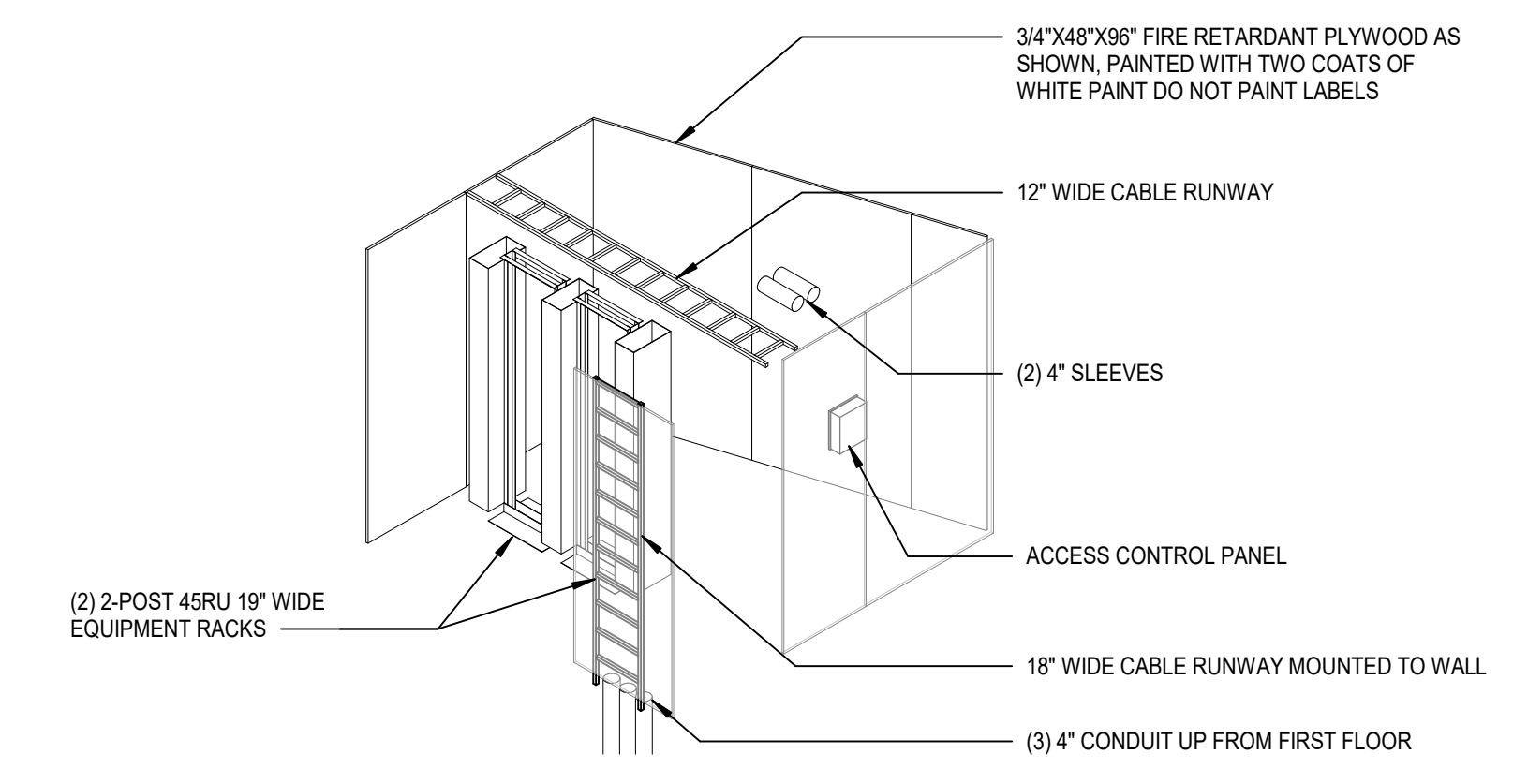
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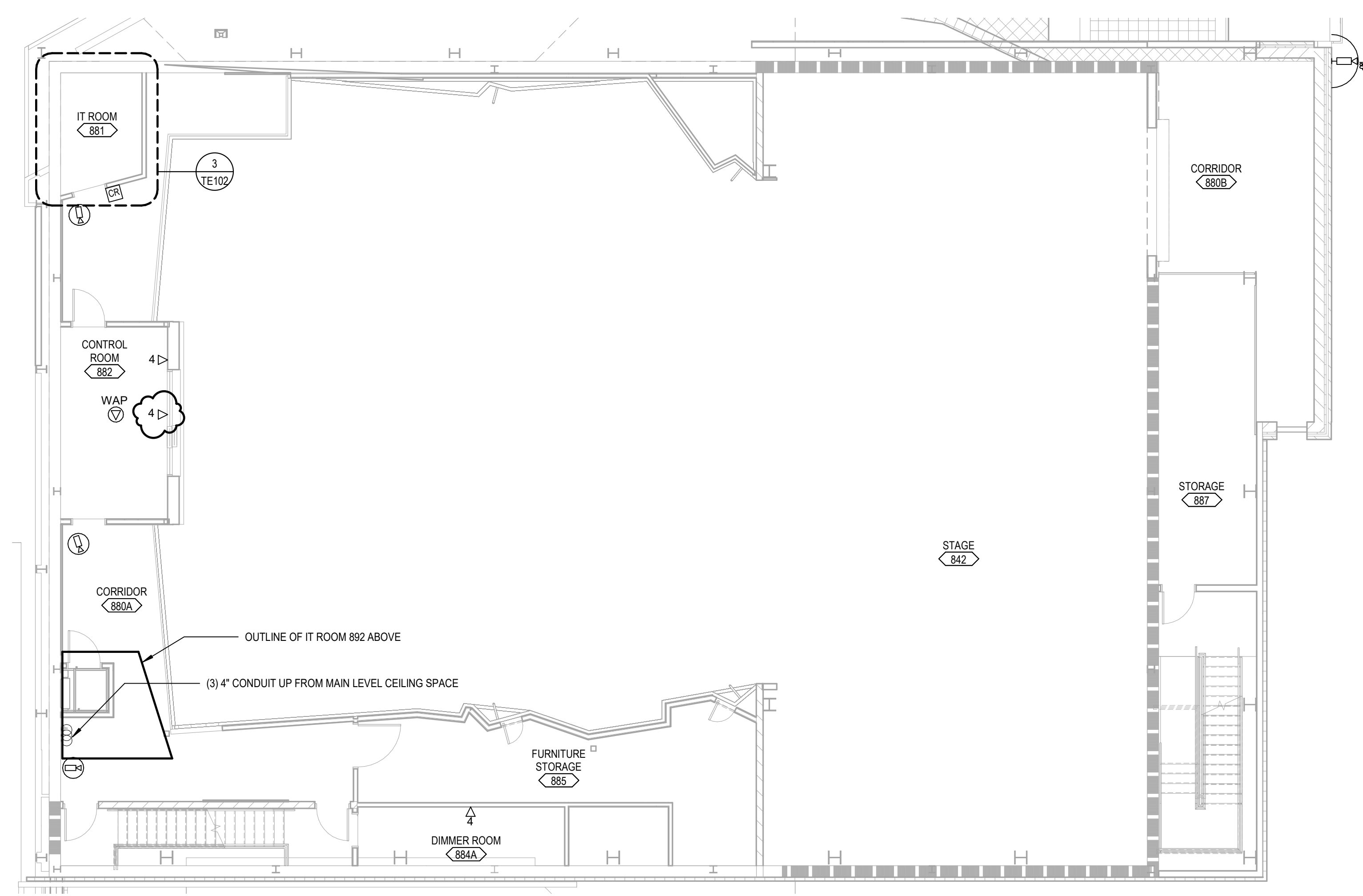
**2 FLOOR PLAN - CATWALK**  
TE102 SCALE: 3/32" = 1'-0"



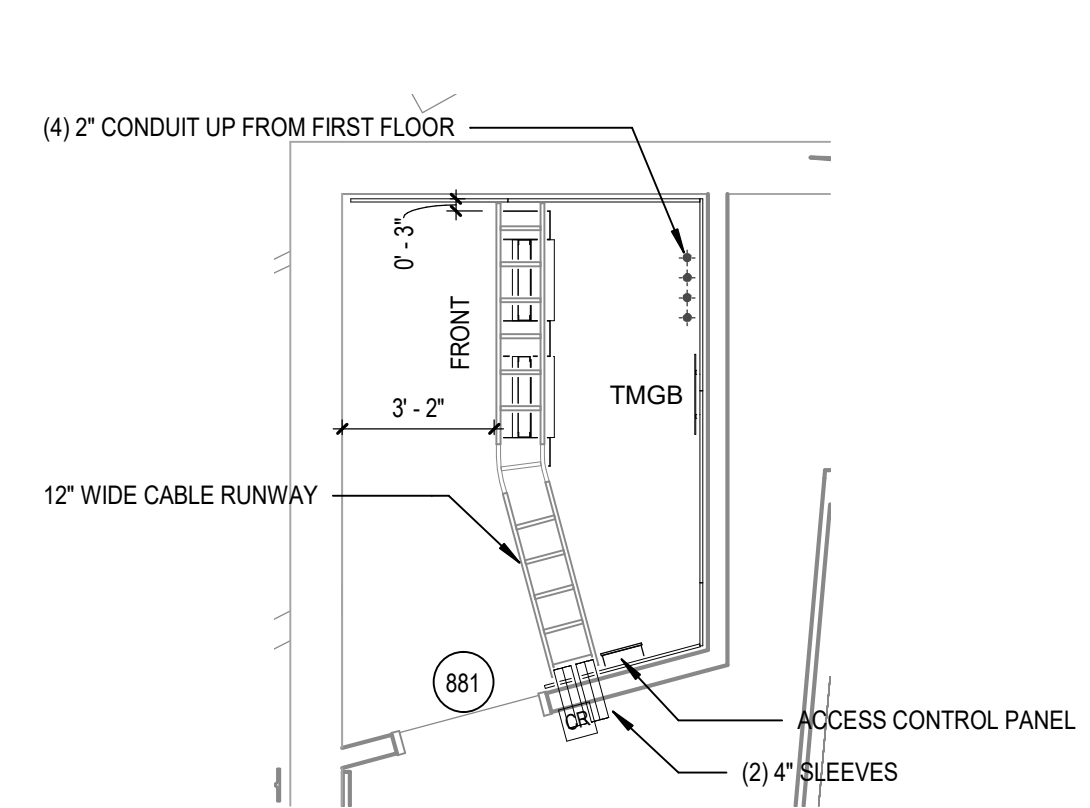
**4 IT ROOM 892 ENLARGED PLAN**  
TE102 SCALE: 1/4" = 1'-0"



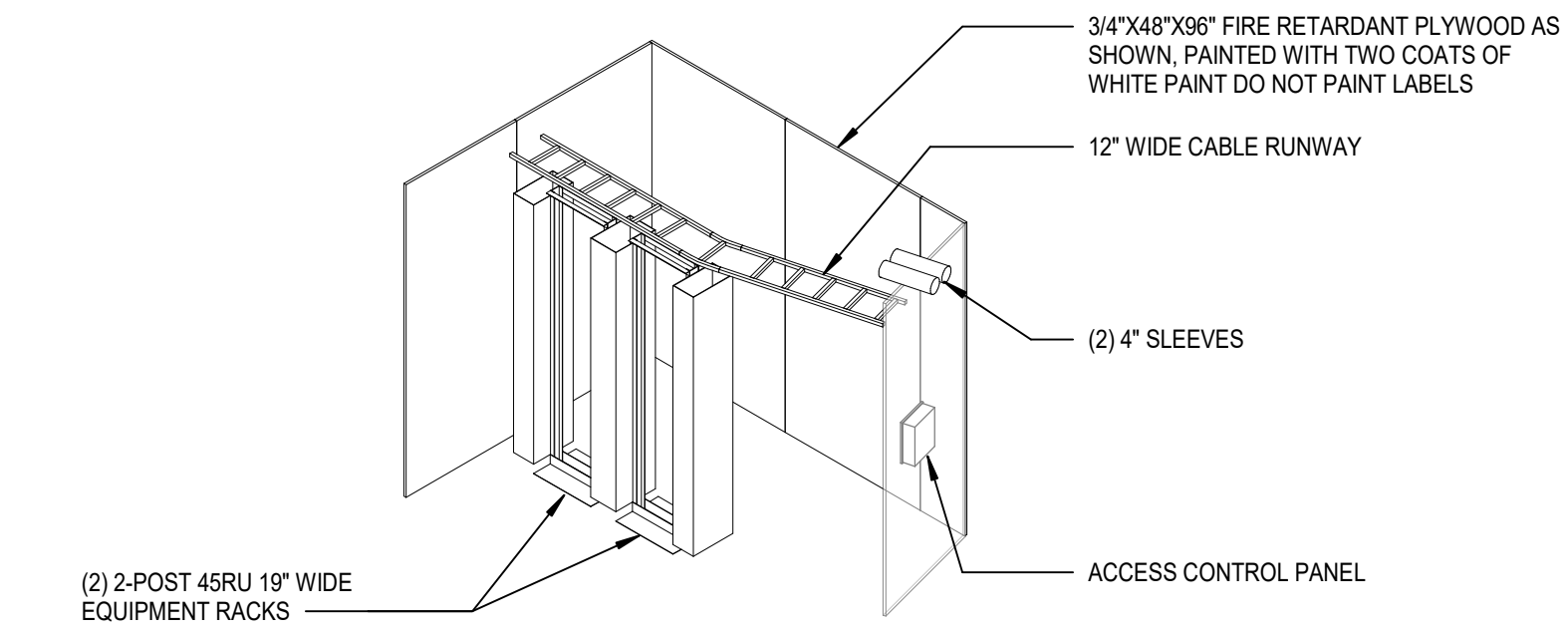
**6 IT ROOM 892 3D VIEW**  
TE102 SCALE:



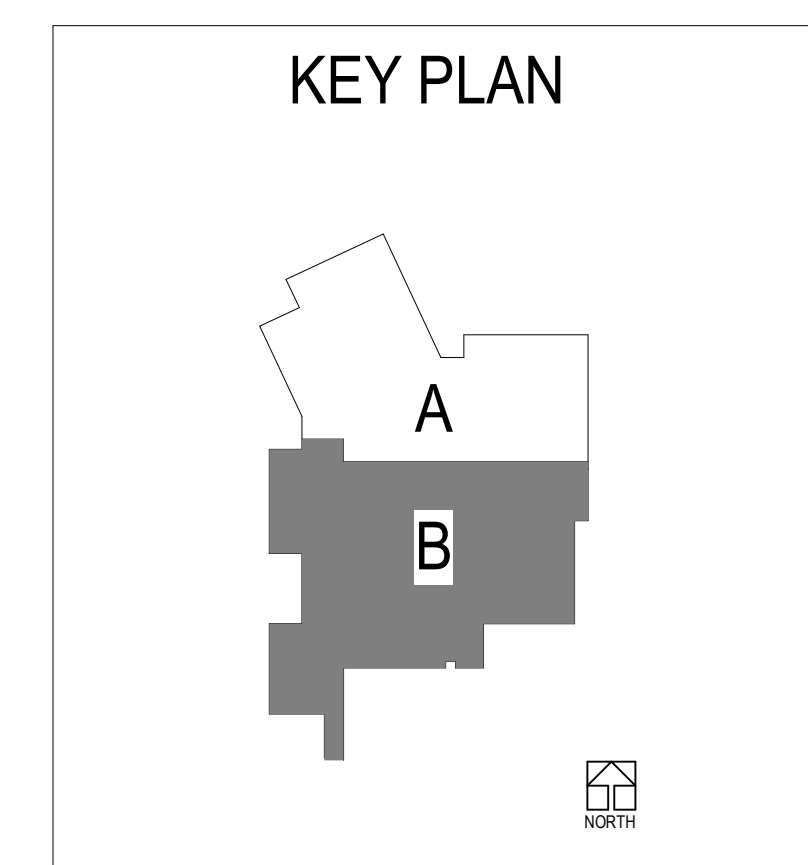
**CONTROL ROOM**  
SCALE: 1/8" = 1'-0"



**3 IT ROOM 881 ENLARGED PLAN**  
TE102 SCALE: 1/4" = 1'-0"



**5 IT ROOM 881 3D VIEW**  
TE102 SCALE:



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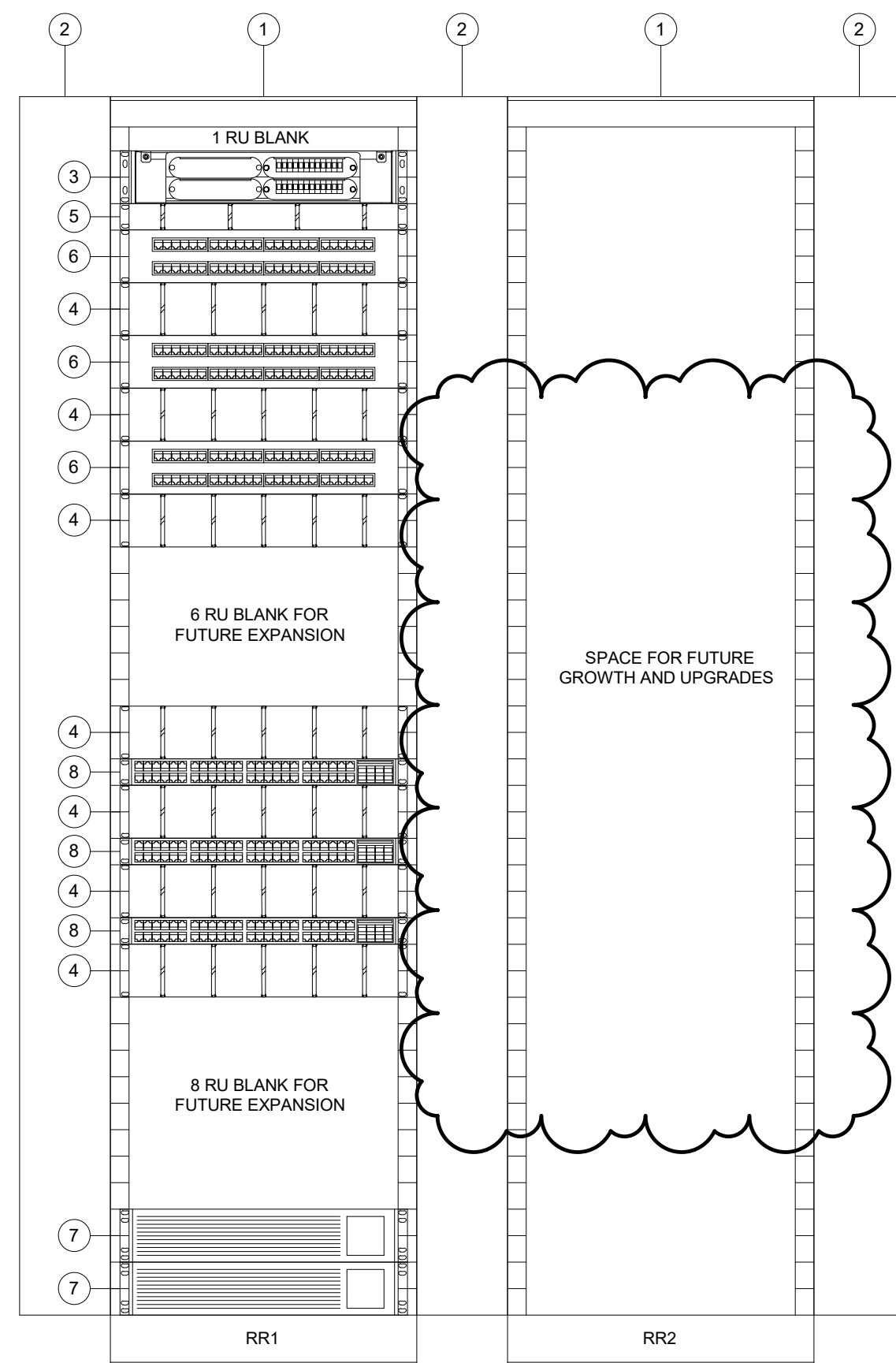


**General Notes:**

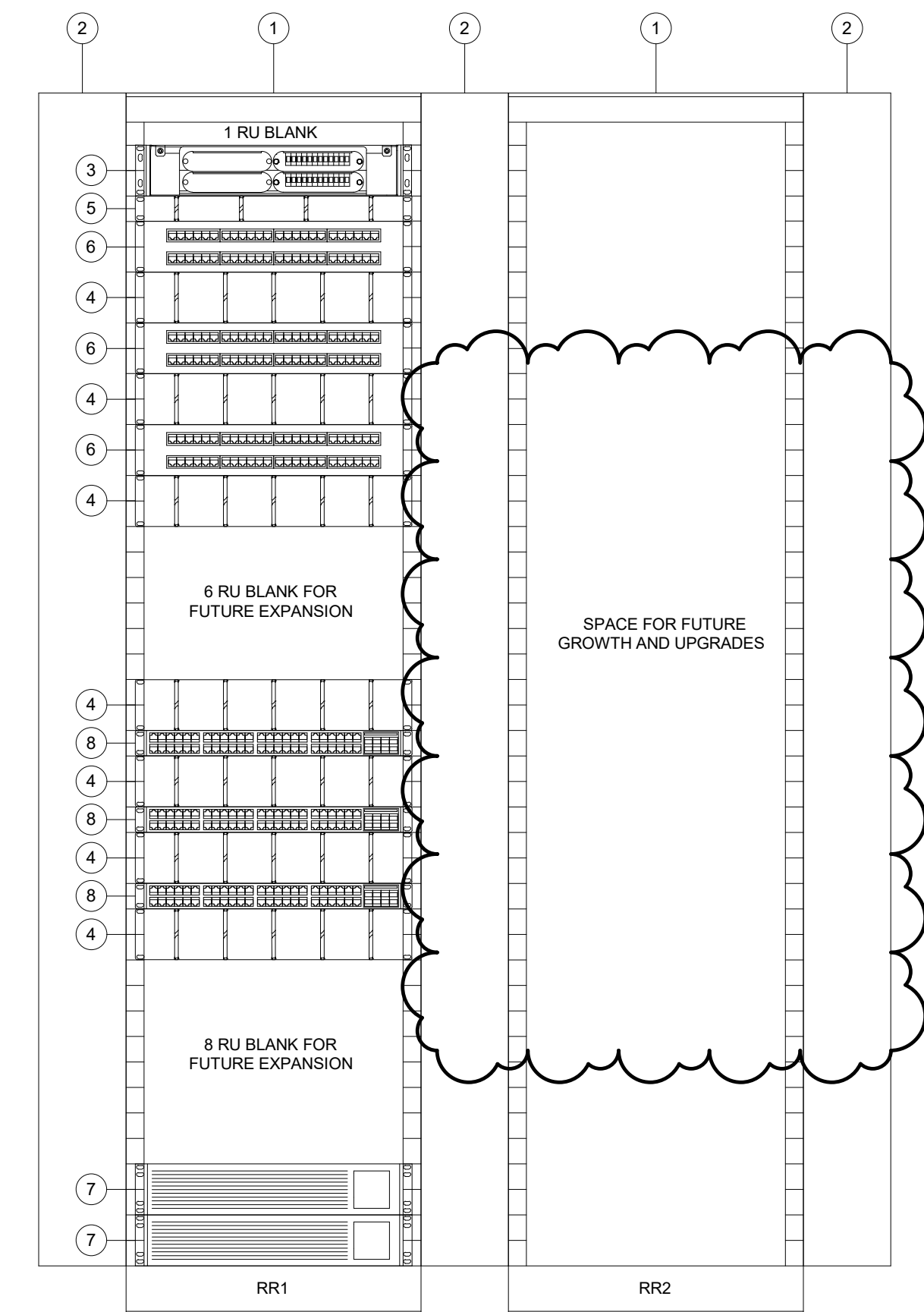
- SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS.

**Key Notes:**

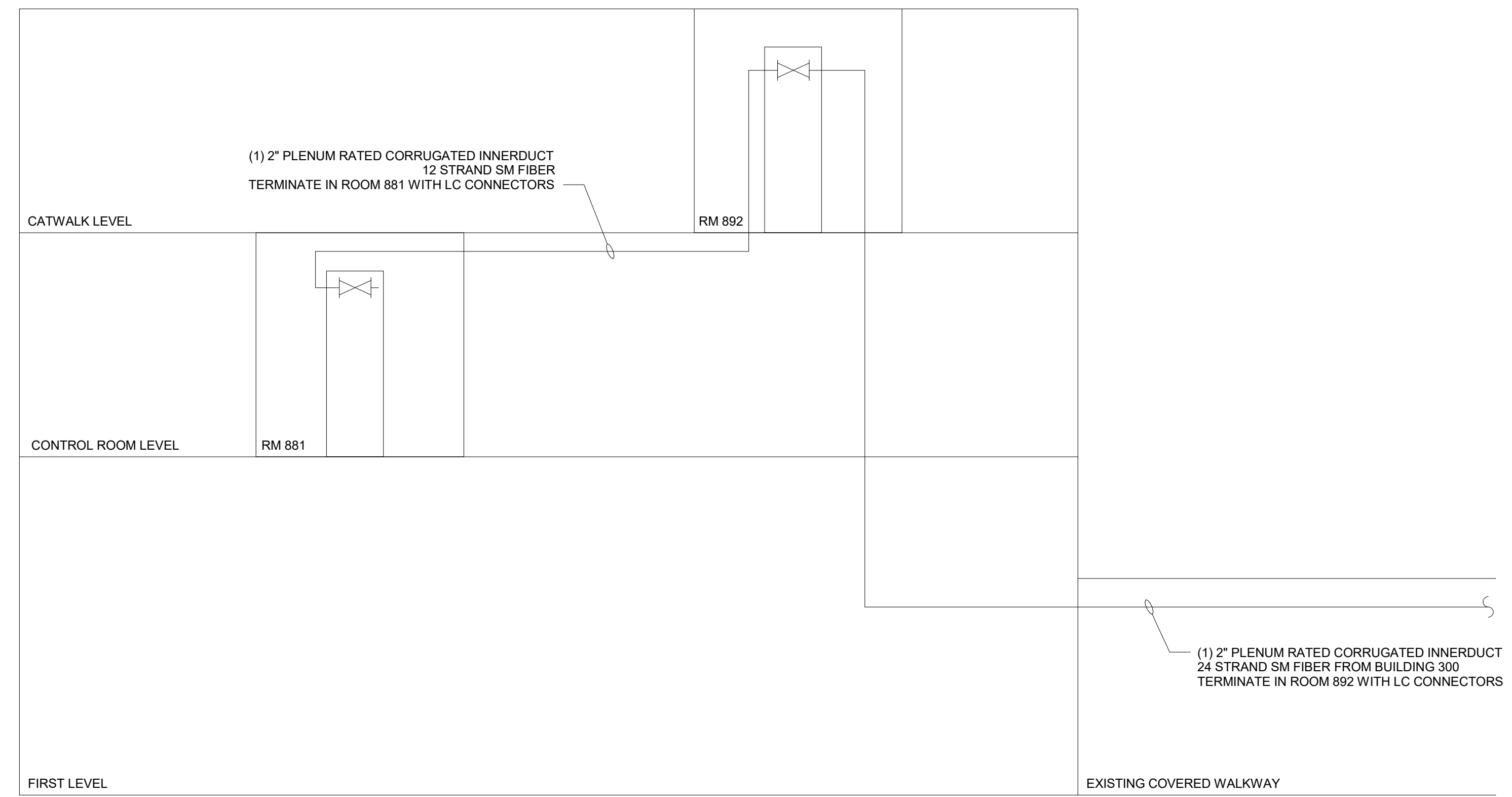
- PROVIDE 19" WIDE, 2-POST, 45 RU FLOOR MOUNTED RACK.
- PROVIDE 6" WIDE DOUBLE SIDED VERTICAL WIRE MANAGER.
- PROVIDE 2 RU CLOSET CONNECTOR HOUSING FOR TERMINATING SINGLE-MODE FIBER OPTIC CABLES.
- PROVIDE 2 RU HORIZONTAL CABLE MANAGER WITH 5 SINGLE CABLE RETAINING RINGS.
- PROVIDE 1 RU HORIZONTAL CABLE MANAGER WITH 5 SINGLE CABLE RETAINING RINGS.
- PROVIDE 48-PORT RJ45 CAT 6A MODULAR PATCH PANEL.
- PROVIDE RACK MOUNTED UPS, BASIS OF DESIGN - APC SMART UPS 3000VA LCD RM 2U 120V WITH NETWORK CARD.
- CISCO 48-PORT (PoE) SWITCH SPECIFIED IN FF&E PACKAGE, SHOWN FOR COORDINATION.



3 IT ROOM 881 RACK ELEVATION  
NTS



4 IT ROOM 892 RACK ELEVATION  
NTS



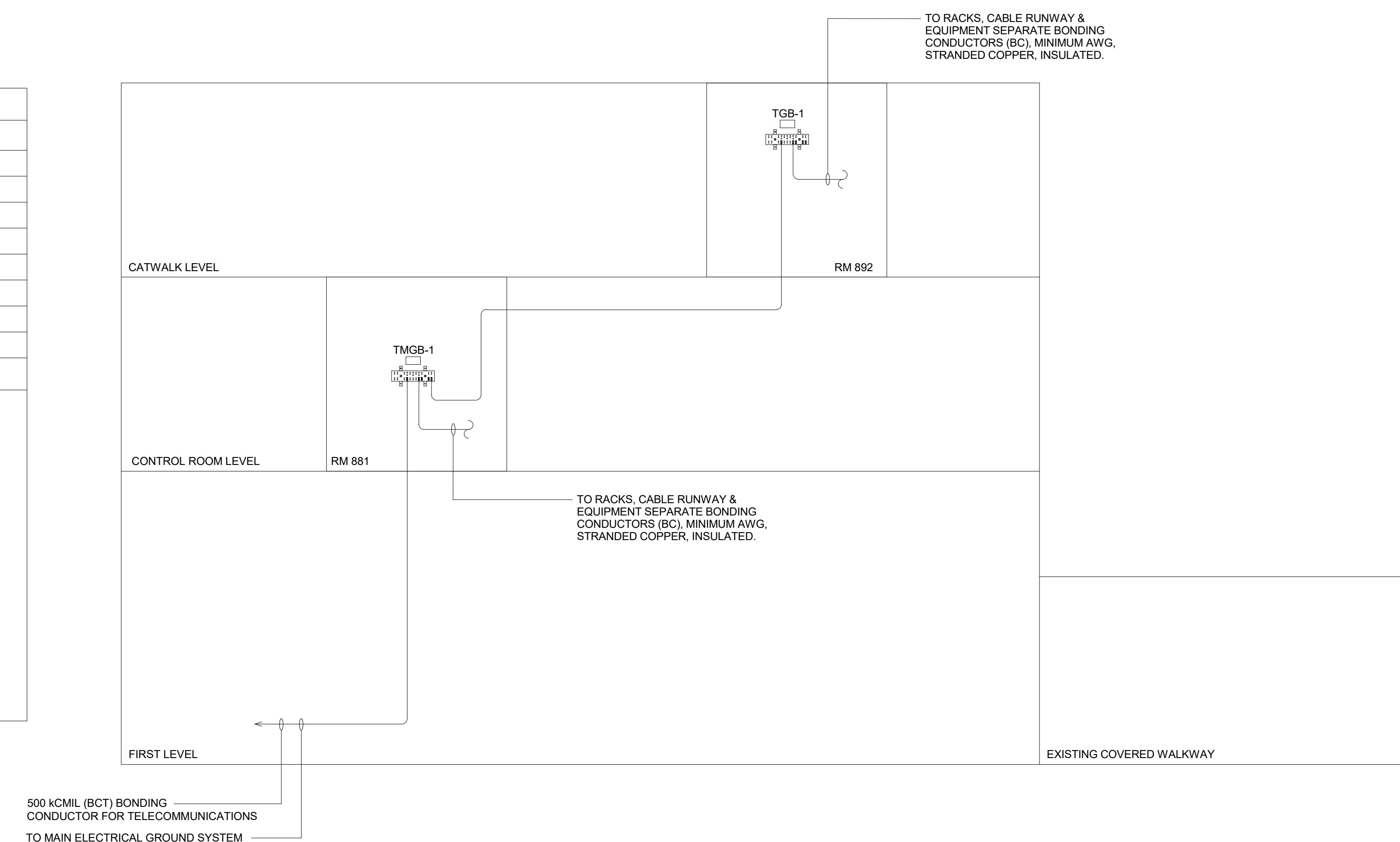
1 TELECOM BACKBONE ONE-LINE  
NTS

- NOTE:
- ALL CONDUIT SHALL BE INSTALLED WITH BUSHINGS, PULL WIRE.
  - ALL CABLE WITHIN BUILDING SHALL BE PLENUM RATED.

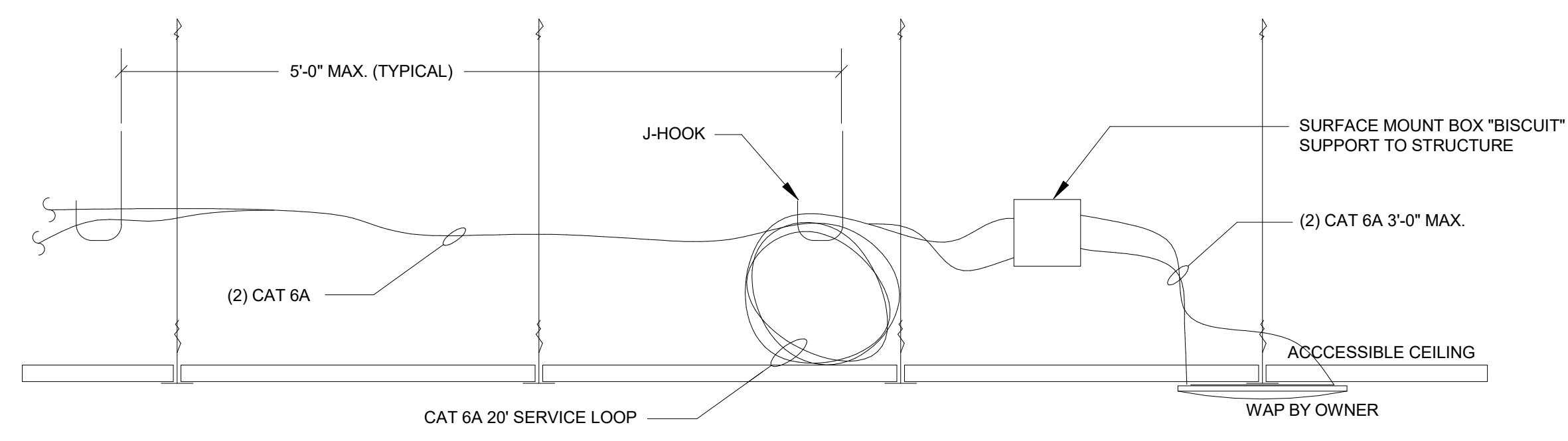
| TECHNOLOGY BONDING CONDUCTOR SIZE |                           |
|-----------------------------------|---------------------------|
| TBB LENGTH LINEAR FT. (m)         | MINIMUM TBB SIZE (AWG)    |
| LESS THAN 13 (4)                  | 6 [4.1 MM (0.16 IN)]      |
| 13 TO 20 (4 TO 6)                 | 4 [5.2 MM (0.20 IN)]      |
| 20 TO 26 (6 TO 8)                 | 3 [5.8 MM (0.23 IN)]      |
| 26 TO 33 (8 TO 10)                | 2 [6.5 MM (0.26 IN)]      |
| 33 TO 44 (10 TO 13)               | 1 [7.4 MM (0.29 IN)]      |
| 44 TO 52 (13 TO 16)               | 1/0 [12.24 MM (0.482 IN)] |
| 52 TO 66 (16 TO 20)               | 2/0 [13.41MM (0.528 IN)]  |
| GREATER THAN 66 (20)              | 3/0 [14.73 MM (0.580 IN)] |

**TECHNOLOGY BONDING NOTES**

- ALL TECHNOLOGY BONDING AND GROUNDING CONDUCTORS SHALL BE SIZED PER THE ABOVE TABLE, UNLESS SPECIFICALLY INDICATED OTHERWISE ON THE DRAWINGS. ALL CONDUCTORS SHALL BE UNINSULATED AND ROLTED THROUGH INNERDUCT (PLENUM TYPE IN AIR HANDLING SPACES/PLENUMS AND IN OPEN SPACES) TO MAINTAIN ISOLATION FROM OTHER POSSIBLY CURRENT CARRYING MATERIALS. ALL HORIZONTAL GROUNDING CONDUCTOR NOT INSTALLED IN CABLE TRAY SHALL BE SUPPORTED WITH "J-HOOKS" EVERY 5'-0" MAXIMUM.
- ALL LUGS SHALL BE TWO (2) HOLE "IRREVERSIBLE" COMPRESSION TYPE EXCEPT WHERE EXOTHERMIC LUGS ARE SHOWN ON DRAWINGS. COMPRESSION LUGS SHALL BE MADE UP WITH TWO (2) CUMFRENENTAL CRIMPS WITH A MATCHING TOOL. UNIVERSAL INDENT CRIMPS SHALL NOT BE USED. LUGS SHALL BE BLOTTED WITH TWO (2) BOLTS MATCHING THE LUG. CLEAN AND PREP THE BONDING BAR PRIOR TO ATTACHMENT.
- ALL TECHNOLOGY EQUIPMENT SHALL BE BONDED TO THE TECHNOLOGY BONDING RISER IN A STAR CONFIGURATION.
- ALL TECHNOLOGY AND TELECOMMUNICATION GROUNDING BARS SHALL HAVE AN ENGRAVED LAMINATED IDENTIFICATION TAG PERMANENTLY AFFIXED DIRECTLY ABOVE THE BUSBAR STATING "WARNING: TELECOMMUNICATIONS BONDING BUSBAR FOR DATA AND COMMUNICATION EQUIPMENT ONLY. NOT TO BE USED AS AN ELECTRICAL SYSTEM GROUND. IF CONNECTORS OR CABLES SHOW SIGNS OF BECOMING LOOSE, OR REQUIRE REMOVAL, CONTACT THE IT AND TECHNOLOGY MANAGER(S) IMMEDIATELY," AND THE NAME OF THE BONDING BAR.



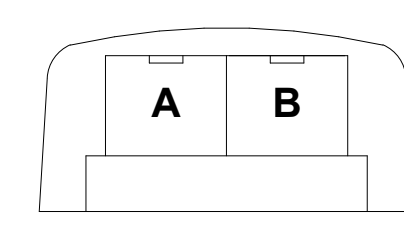
2 GROUNDING/BONDING ONE-LINE  
NTS



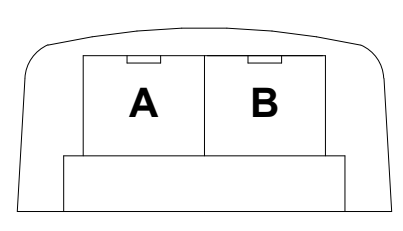
**7** TYPICAL ACCESSIBLE CEILING MOUNTED WAP DETAIL  
NTS

| COMMENTS                                   | FACEPLATE TERMINATIONS |         |     |             |            |            | COMMENTS | FACEPLATE TERMINATIONS |          |          |         |             |           | COMMENTS            | FACEPLATE TERMINATIONS |            |             |        |          |              |                 |            |            |            |
|--|------------------------|---------|-----|-------------|------------|------------|----------|------------------------|----------|----------|---------|-------------|-----------|---------------------|------------------------|------------|-------------|--------|----------|--------------|-----------------|------------|------------|------------|
|  | BACK BOX               | CONDUIT | TAG | JACK TYPE   | JACK COLOR | CABLE TYPE |          | CABLE COLOR            | USE      | BACK BOX | CONDUIT | TAG         | JACK TYPE |                     | JACK COLOR             | CABLE TYPE | CABLE COLOR | USE    | BACK BOX | CONDUIT      | TAG             | JACK TYPE  | JACK COLOR | CABLE TYPE |
| SEE AV DRAWINGS FOR ADDITIONAL INFORMATION | 4-11/16"               | 1-1/4"  | A   | CAT 6A RJ45 | BLUE       | CAT 6A UTP | BLUE     | DATA                   | 4-11/16" | 1-1/4"   | A       | CAT 6A RJ45 | BLUE      | CAT 6A UTP          | BLUE                   | VOICE      | 4-11/16"    | 1-1/4" | A        | CAT 6A RJ45  | BLUE            | CAT 6A UTP | BLUE       | VOICE      |
| SEE AV DRAWINGS FOR ADDITIONAL INFORMATION | 4-11/16"               | 1-1/4"  | B   | CAT 6A RJ45 | BLUE       | CAT 6A UTP | BLUE     | DATA                   | 4-11/16" | 1-1/4"   | A       | RJ31X       | RED       | CAT 6A CI RATED STP | RED                    | DATA       | 4-11/16"    | 1-1/4" | B        | BLANK INSERT | MATCH FACEPLATE | -          | -          | -          |
|  | 4-11/16"               | 1-1/4"  | A   | CAT 6A RJ45 | BLUE       | CAT 6A UTP | BLUE     | DATA                   | 4-11/16" | 1-1/4"   | B       | RJ31X       | RED       | CAT 6A CI RATED STP | RED                    | DATA       | 4-11/16"    | 1-1/4" | C        | CAT 6A RJ45  | BLUE            | CAT 6A UTP | BLUE       | DATA       |
|  | 4-11/16"               | 1-1/4"  | B   | CAT 6A RJ45 | BLUE       | CAT 6A UTP | BLUE     | DATA                   | 4-11/16" | 1-1/4"   | A       | CAT 6A RJ45 | BLUE      | CAT 6A UTP          | BLUE                   | DATA       | 4-11/16"    | 1-1/4" | D        | CAT 6A RJ45  | BLUE            | CAT 6A UTP | BLUE       | DATA       |
|  | 4-11/16"               | 1-1/4"  | A   | CAT 6A RJ45 | BLUE       | CAT 6A UTP | BLUE     | DATA                   | 4-11/16" | 1-1/4"   | B       | CAT 6A RJ45 | BLUE      | CAT 6A UTP          | BLUE                   | DATA       | 4-11/16"    | 1-1/4" | A        | CAT 6A RJ45  | BLUE            | CAT 6A UTP | BLUE       | DATA       |
|  | 4-11/16"               | 1-1/4"  | B   | CAT 6A RJ45 | BLUE       | CAT 6A UTP | BLUE     | DATA                   | 4-11/16" | 1-1/4"   | A       | CAT 6A RJ45 | BLUE      | CAT 6A UTP          | BLUE                   | DATA       | 4-11/16"    | 1-1/4" | B        | CAT 6A RJ45  | BLUE            | CAT 6A UTP | BLUE       | DATA       |
|  | 4-11/16"               | 1-1/4"  | A   | CAT 6A RJ45 | BLUE       | CAT 6A UTP | BLUE     | DATA                   | 4-11/16" | 1-1/4"   | B       | CAT 6A RJ45 | BLUE      | CAT 6A UTP          | BLUE                   | DATA       | 4-11/16"    | 1-1/4" | C        | CAT 6A RJ45  | BLUE            | CAT 6A UTP | BLUE       | DATA       |
|  | 4-11/16"               | 1-1/4"  | B   | CAT 6A RJ45 | BLUE       | CAT 6A UTP | BLUE     | DATA                   | 4-11/16" | 1-1/4"   | A       | CAT 6A RJ45 | BLUE      | CAT 6A UTP          | BLUE                   | DATA       | 4-11/16"    | 1-1/4" | D        | CAT 6A RJ45  | BLUE            | CAT 6A UTP | BLUE       | DATA       |
|  | 4-11/16"               | 1-1/4"  | A   | CAT 6A RJ45 | BLUE       | CAT 6A UTP | BLUE     | DATA                   | 4-11/16" | 1-1/4"   | B       | CAT 6A RJ45 | BLUE      | CAT 6A UTP          | BLUE                   | DATA       | 4-11/16"    | 1-1/4" | A        | CAT 6A RJ45  | BLUE            | CAT 6A UTP | BLUE       | DATA       |
|  | 4-11/16"               | 1-1/4"  | B   | CAT 6A RJ45 | BLUE       | CAT 6A UTP | BLUE     | DATA                   | 4-11/16" | 1-1/4"   | A       | CAT 6A RJ45 | BLUE      | CAT 6A UTP          | BLUE                   | DATA       | 4-11/16"    | 1-1/4" | B        | CAT 6A RJ45  | BLUE            | CAT 6A UTP | BLUE       | DATA       |

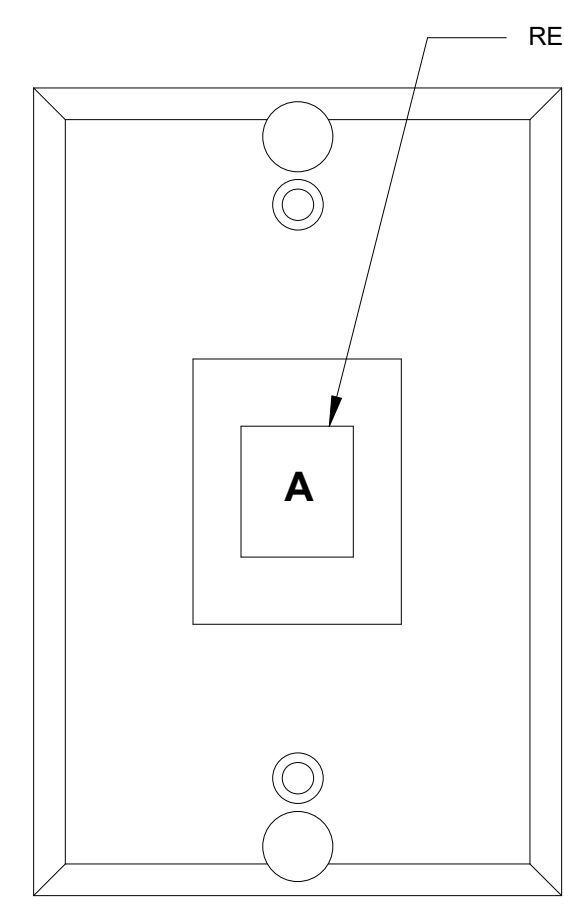
COMMENTS  
1. FACEPLATE SHALL MATCH FLOOR BOX. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.  
2. FACEPLATE SHALL MATCH FLOOR BOX. SEE AUDIO VISUAL DRAWINGS FOR ADDITIONAL INFORMATION.



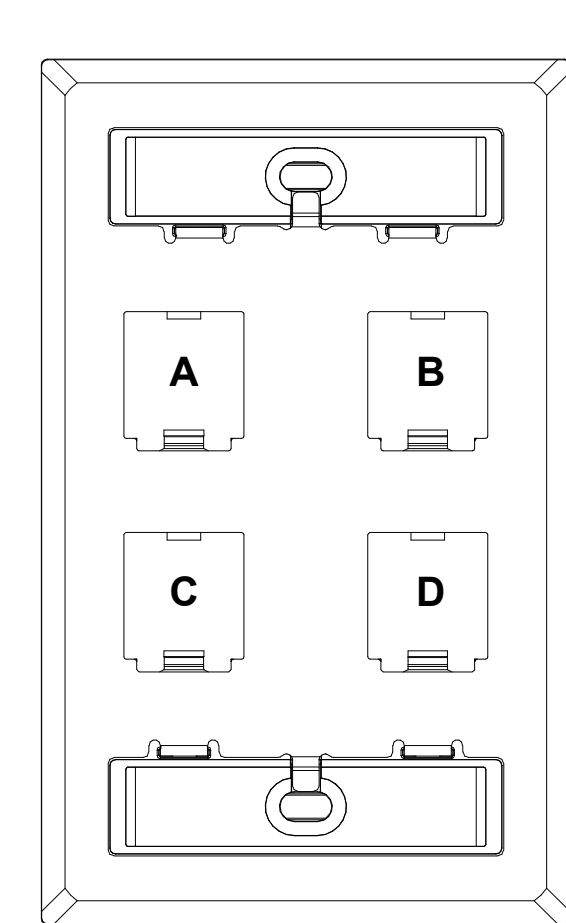
**1** TYPICAL AV VIDEO TERMINATION BISCUIT  
NTS



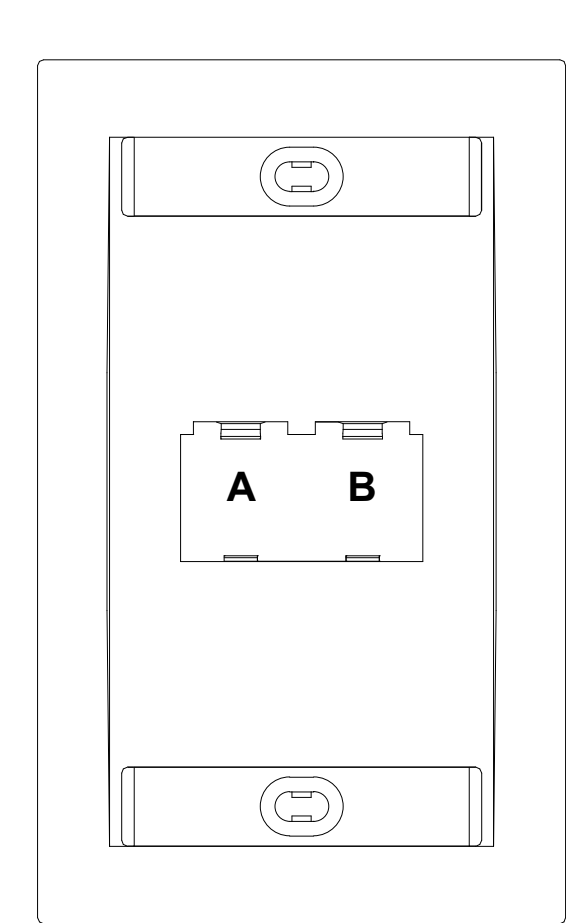
**2** TYPICAL ACCESSIBLE CEILING BISCUIT  
NTS



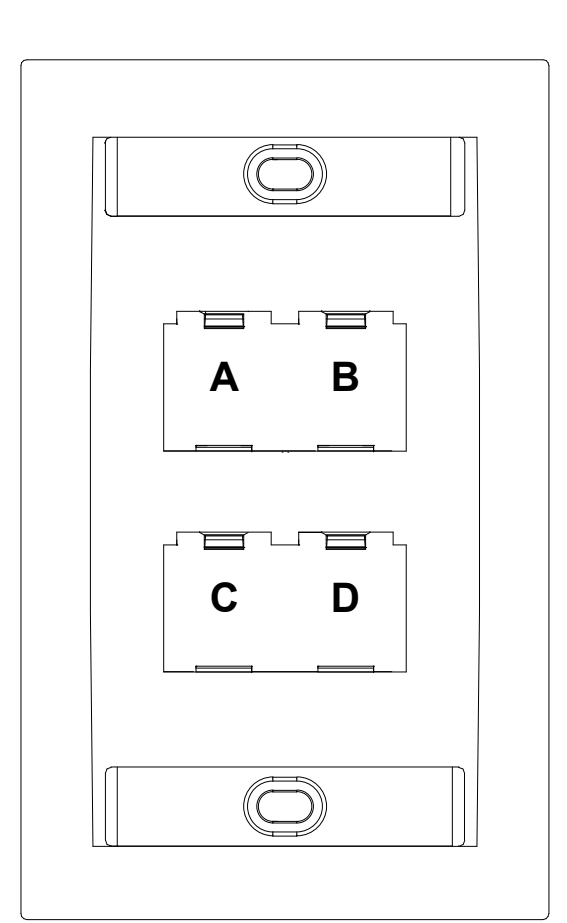
**3** SHUTTLE PLATE DETAIL  
NTS



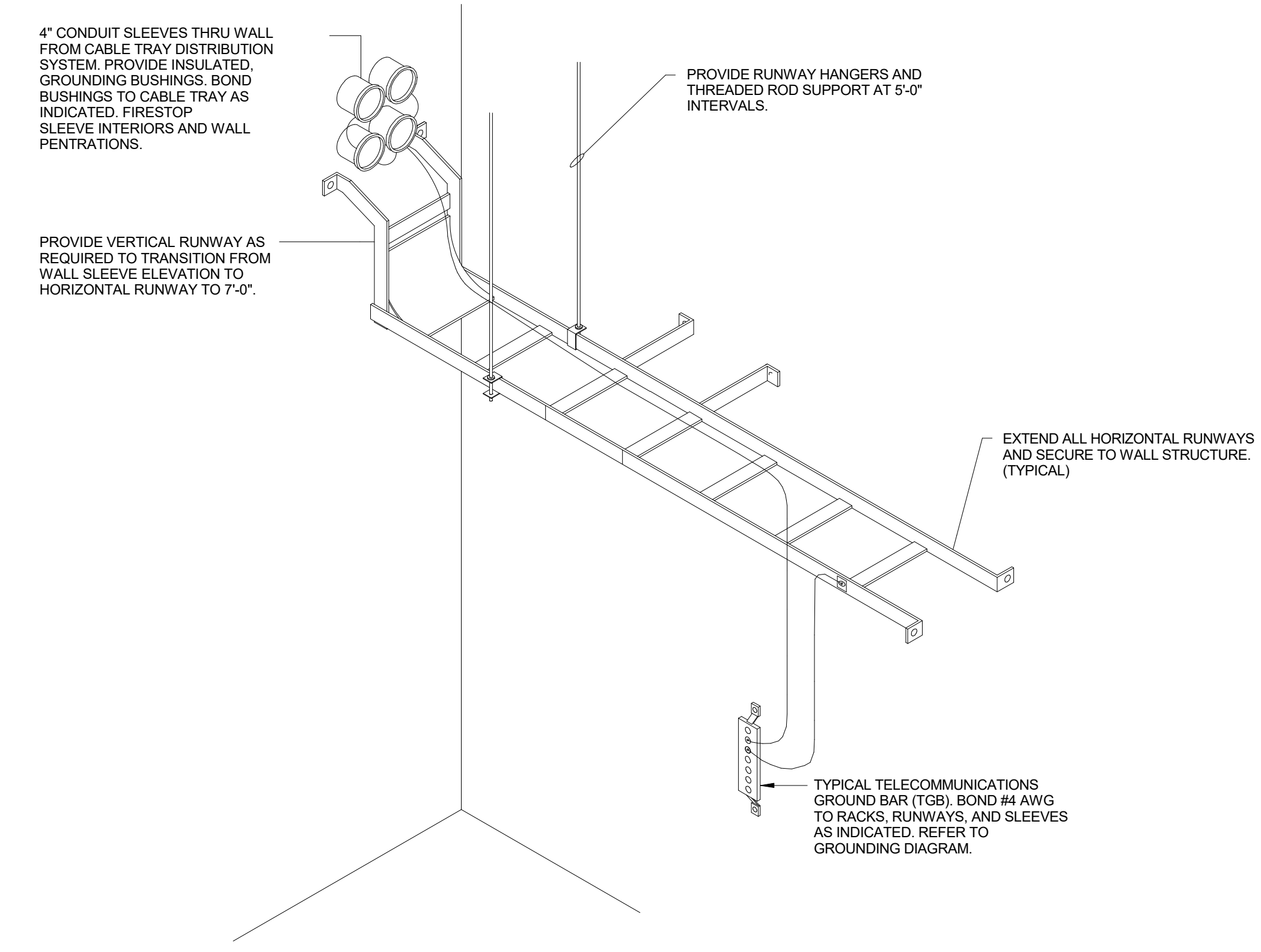
**4** FACEPLATE DETAIL  
NTS



**5** FACEPLATE DETAIL  
NTS



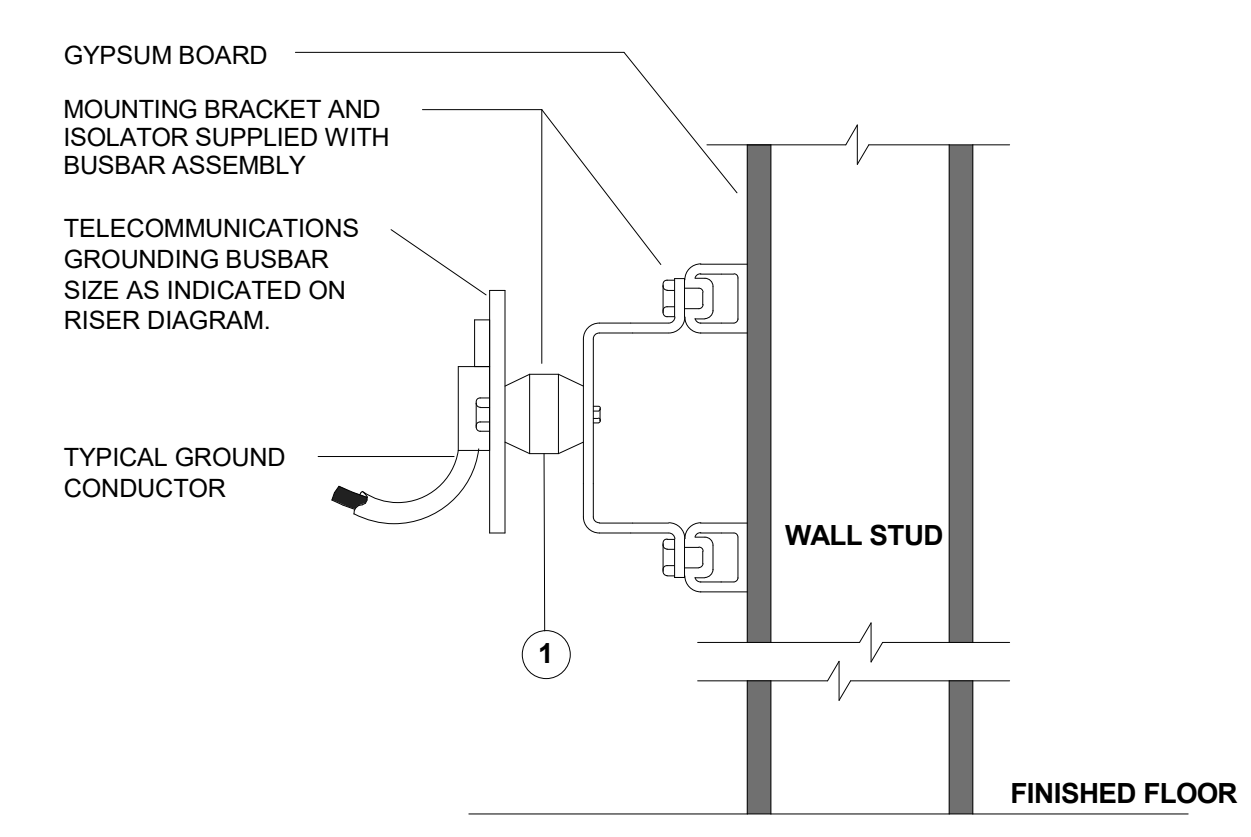
**6** FACEPLATE DETAIL  
NTS



**8** TECHNOLOGY CABLE RUNWAY GROUNDING DETAIL  
NTS

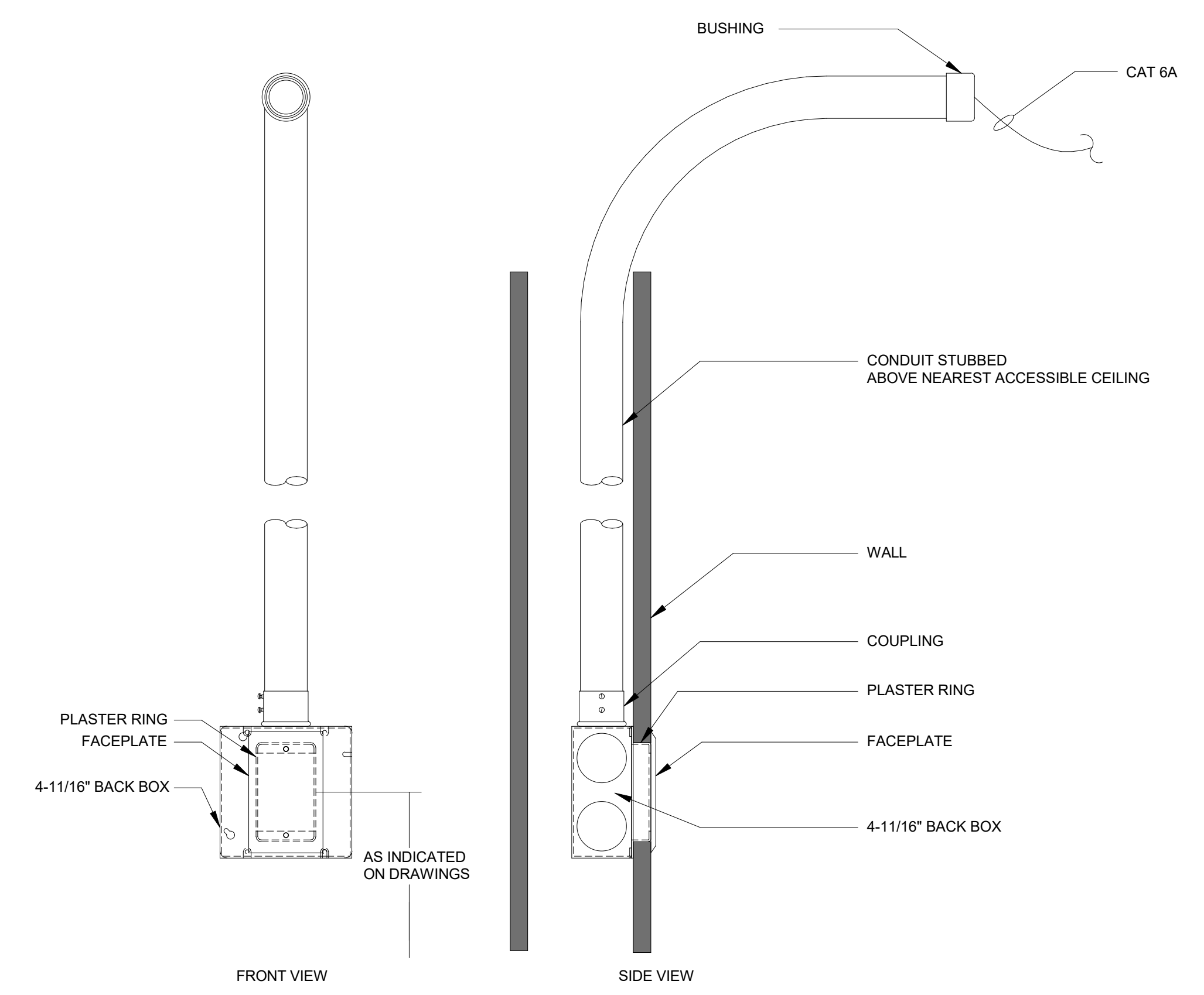
**GENERAL NOTES**

- A. DETAIL INDICATES GENERAL RUNWAY ARRANGEMENT FOR ELEVATION CHANGE IN TELECOM ROOM. REFER TO FLOOR PLANS FOR CONFIGURATIONS & QUANTITIES.
- B. CONTRACTOR SHALL PROVIDE ALL CABLE RUNWAYS, CONDUIT SLEEVES, FIRESTOPPING, GROUNDING, AND HARDWARE.



**9** TELECOMMUNICATIONS GROUND BUSBAR DETAIL  
NTS

**1** ISOLATE THE TELECOMMUNICATIONS GROUNDING BUSBAR FROM BUILDING STEEL AS SHOWN.



**10** TYPICAL TELECOMMUNICATIONS BACK BOX DETAIL  
NTS

NOTE:  
1. INSTALL 4\"/>

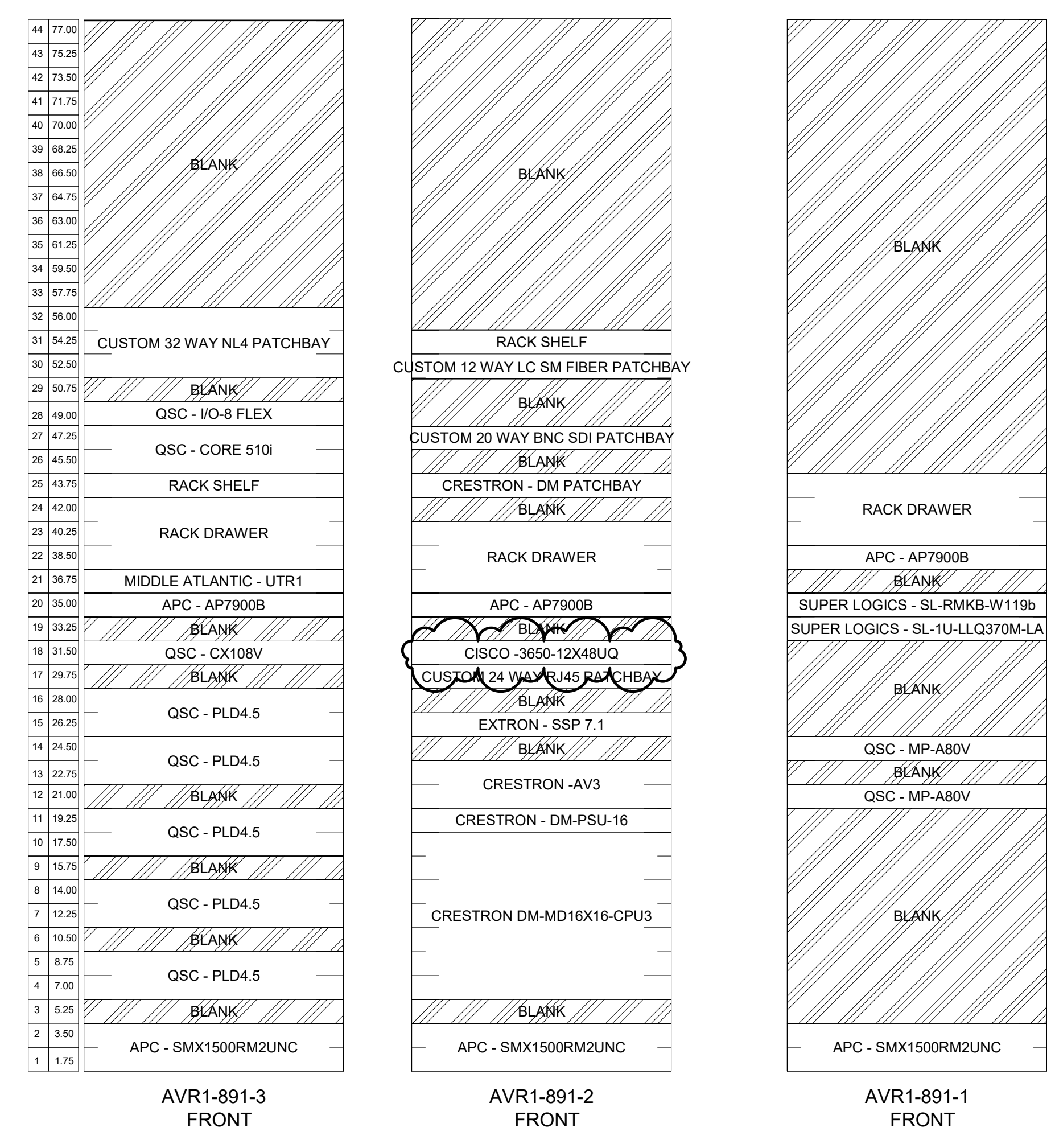
NOT FOR  
CONSTRUCTION

GARRETT COLLEGE CEPAC  
687 MOSSER ROAD,  
MCHEENY, MD 21541

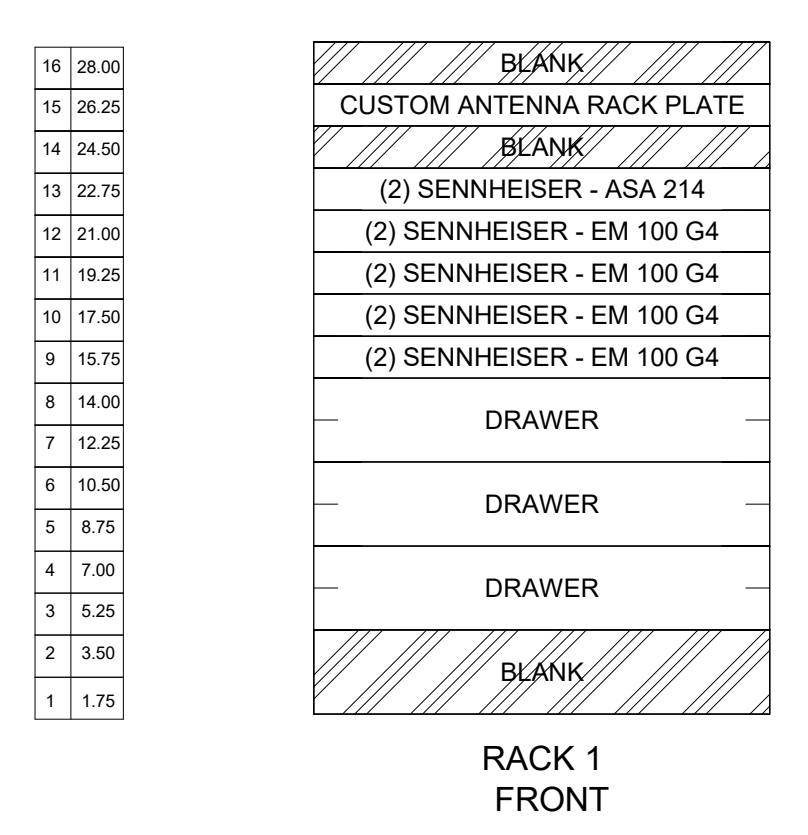
ISSUED FOR BID  
AND PERMIT  
Issue Date: 11/15/2019  
Revisions  
1 ADDENDUM 01 12/11/2019

56-18107-00  
AV RACK  
ELEVATIONS

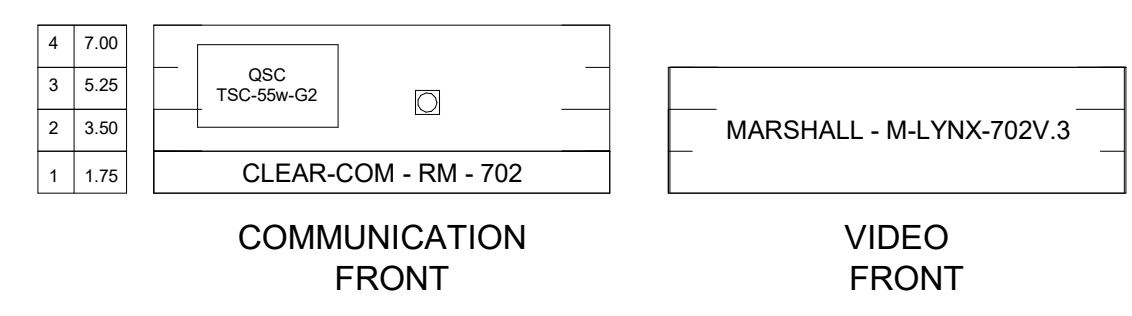
TA5.11



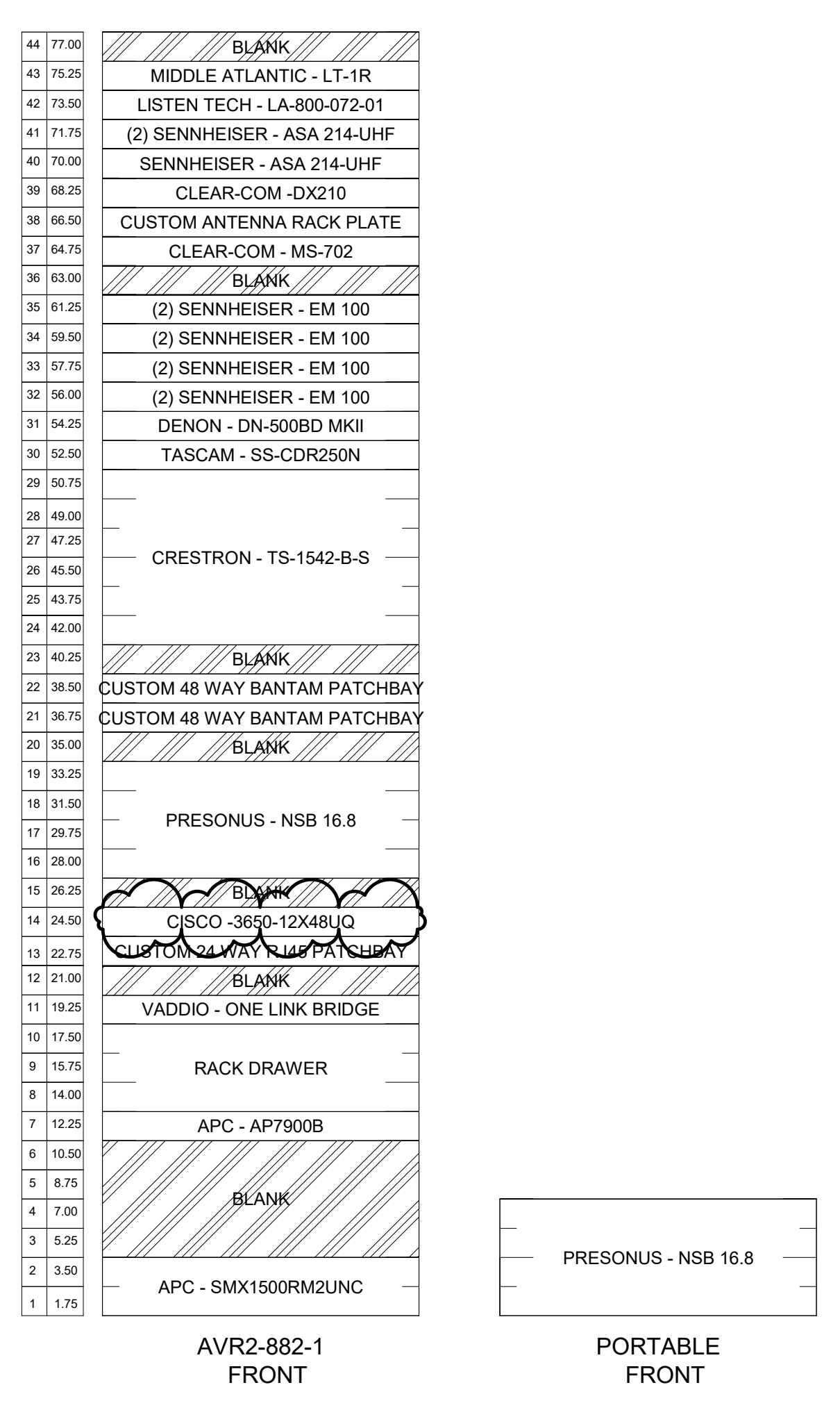
1 RACK ELEVATION - MAIN HOUSE AV RACK ROOM  
TA5.11 SCALE: 1/12" = 1'-0"



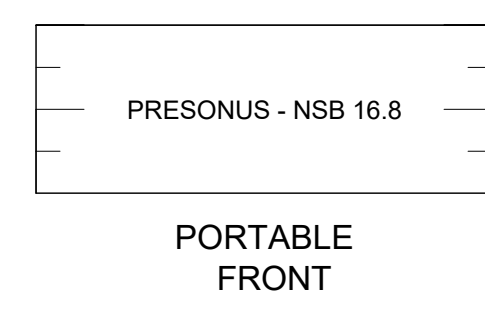
5 RACK ELEVATION - CUSTOM WIRELESS MICROPHONE ROAD CASE  
TA5.11 SCALE: 1/12" = 1'-0"



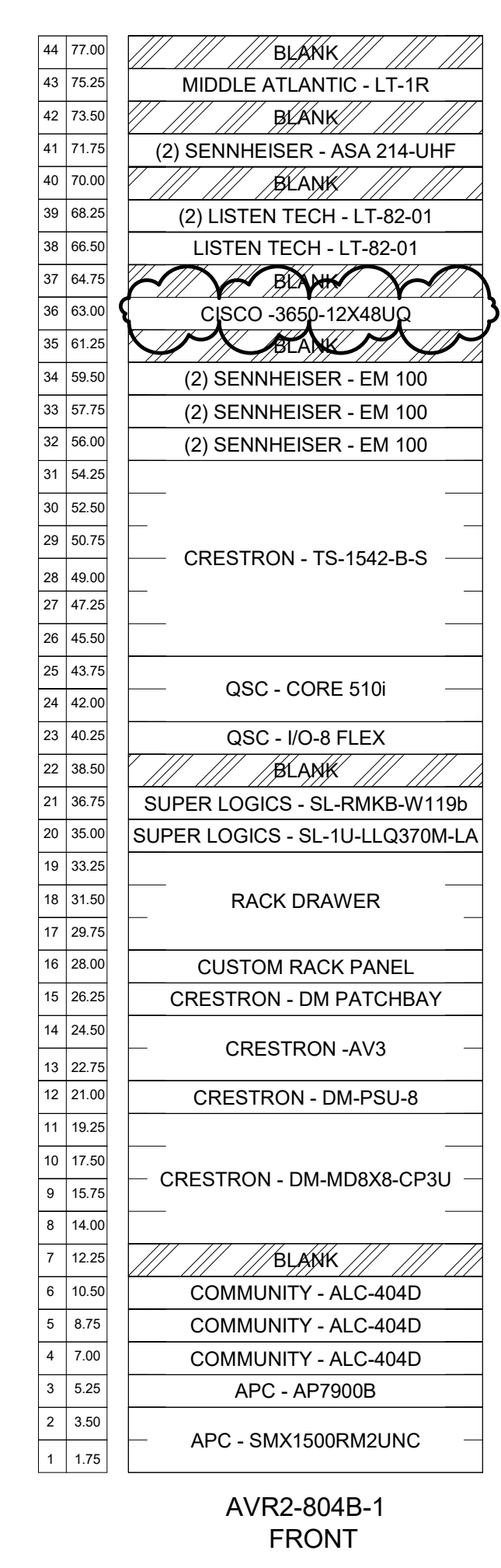
4 RACK ELEVATION - PORTABLE MANAGER RACKS  
TA5.11 SCALE: 1/12" = 1'-0"



2 RACK ELEVATION - CONTROL ROOM AV RACK  
TA5.11 SCALE: 1/12" = 1'-0"

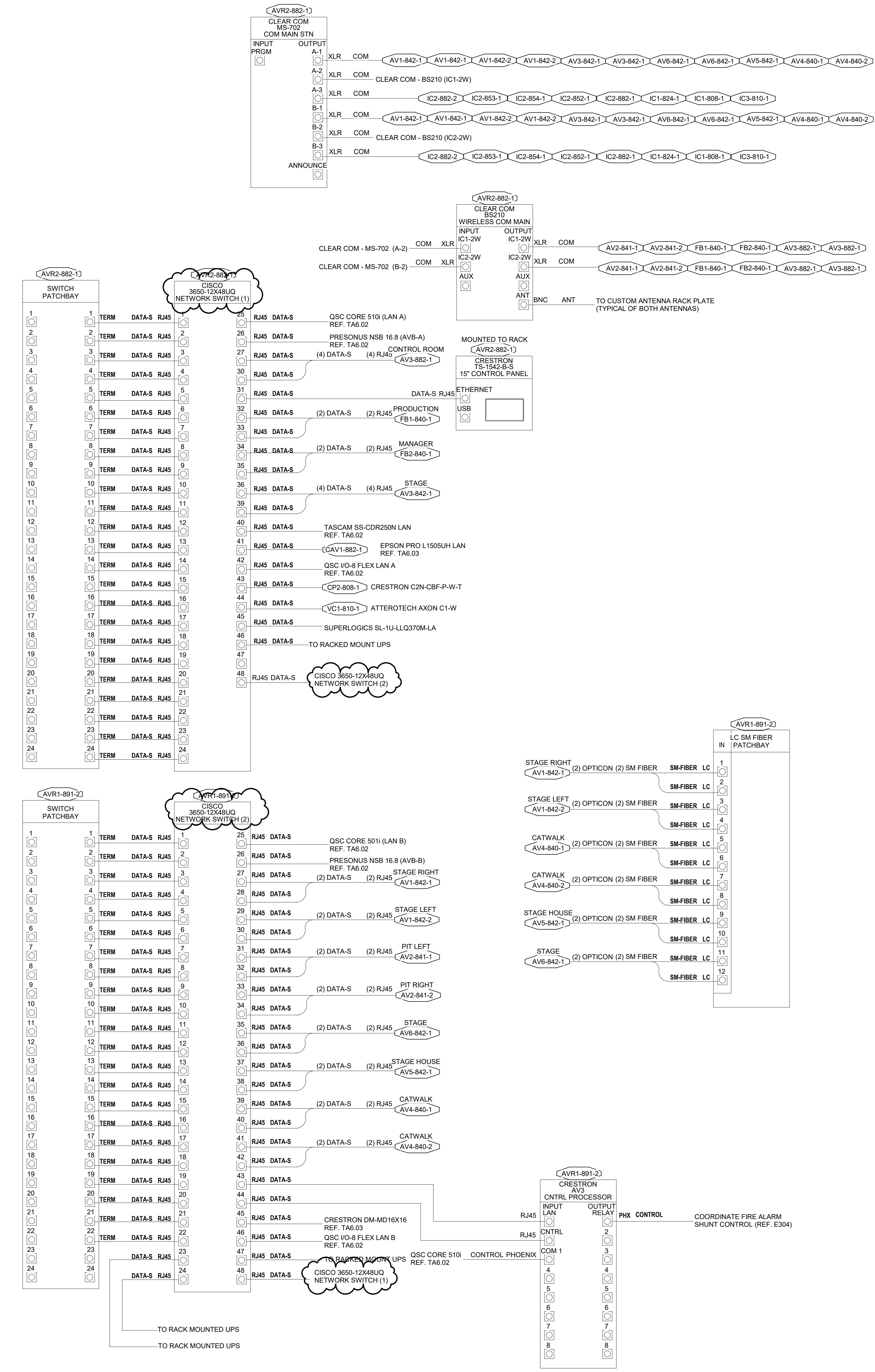
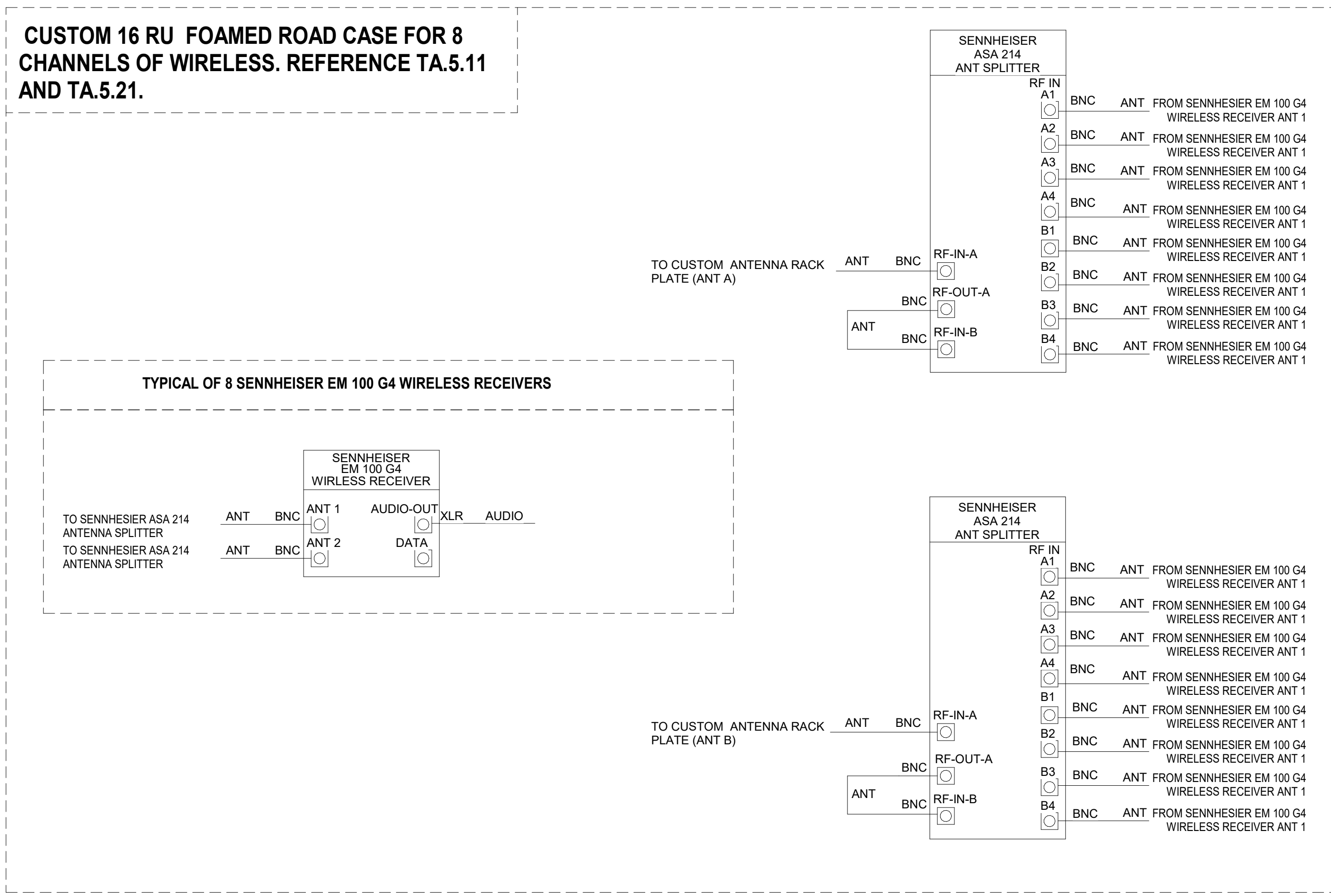
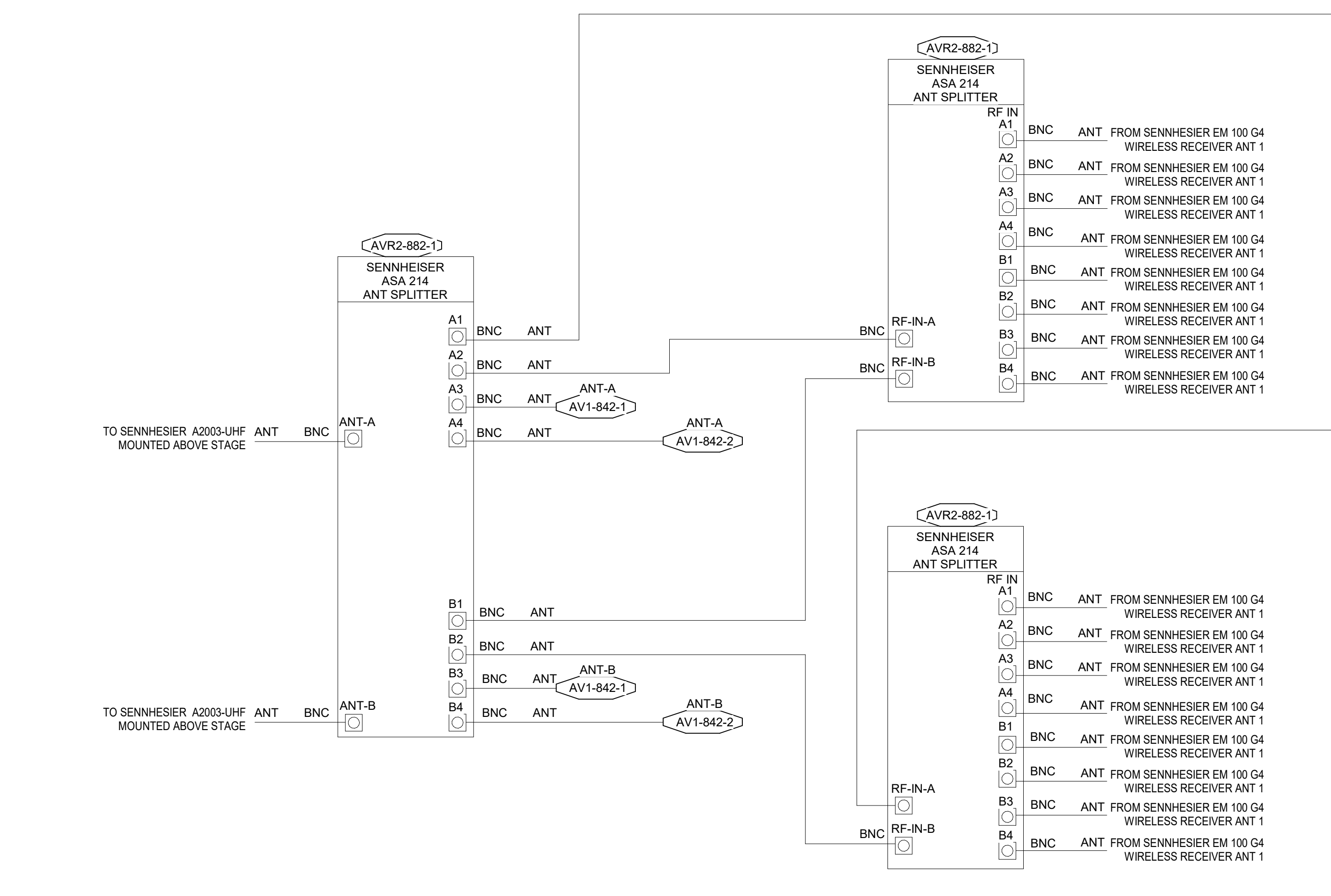
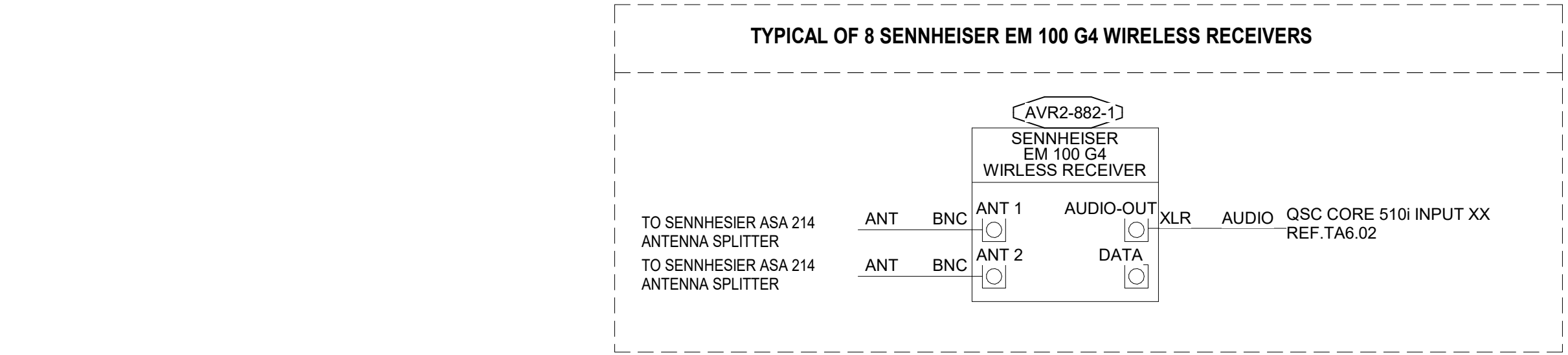


PORTABLE FRONT



3 RACK ELEVATION - MEETING ROOM AV RACK  
TA5.11 SCALE: 1/12" = 1'-0"

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**LEGEND NOTES**

**AUDIOVISUAL SYMBOLS**

**AUDIOVISUAL SYMBOL**

DEVICE TYPE  
DEVICE NUMBER  
ROOM NUMBER  
DEVICE NUMBER

**AUDIOVISUAL SYMBOL TYPICAL ID KEY**

AV AUDIOVISUAL TERMINATION  
AVR AUDIOVISUAL EQUIPMENT RACK  
CS CEILING LOUDSPEAKER  
CP CONTROL DEVICE TERMINATION  
DS DIGITAL SIGNAGE TERMINATION  
FB FLOORBOX TERMINATION  
IC INTERCOM TERMINATION  
JB JUNCTION BOX  
LM LIVE MICROPHONE TERMINATION  
LT LOUDSPEAKER TERMINATION  
SW SUBWOOFER TERMINATION  
VC VOLUME CONTROL TERMINATION  
VT VIDEO TERMINATION

**AUDIOVISUAL SYMBOL TYPE**

AV WALL BOX  
AV FLOOR BOX  
AV CEILING SPEAKER  
AV CEILING BOX  
AV CABLE PASS

**POWER SYMBOLS**

ISOLATED POWER INDICATOR  
WALL MOUNTED  
POWER INTEGRATED IN DEVICE INDICATOR  
CEILING MOUNTED  
POWER INTEGRATED IN DEVICE INDICATOR  
ISOLATED POWER INDICATOR  
FLOOR MOUNTED  
POWER INTEGRATED IN DEVICE INDICATOR  
20A 125V 2 POLE 3 WIRE GROUNDING TYPE, NEMA 5-20 DUPLEX RECEPTACLE (CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE, AS SHOWN ON DRAWINGS, UON).  
QUADRIPLEX RECEPTACLE - (2) 20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20 QUAD RECEPTACLES (CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE, AS SHOWN ON DRAWINGS, UON).  
CUSTOM POWER WIRING TO JUNCTION BOX - SEE WIRING DEVICE SCHEDULE (CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE, AS SHOWN ON DRAWINGS, UON).  
SPECIALTY POWER - REFER TO ELECTRICAL DOCUMENTS FOR RECEPTACLE TYPE (CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE, AS SHOWN ON DRAWINGS, UON).

**DATA SYMBOLS**

WALL MOUNTED DATA RECEPTACLE FOR LAN (CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE (+18" AFF UON).  
WALL MOUNTED DATA RECEPTACLE FOR LAN, NOT CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE - FOR REFERENCE ONLY.  
FLOOR MOUNTED DATA RECEPTACLE FOR LAN (CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE).  
FLOOR MOUNTED DATA RECEPTACLE FOR LAN, NOT CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE - FOR REFERENCE ONLY.

**PROSCENIUM THEATER NETWORK/CONTROL FUNCTIONAL BLOCK DIAGRAM**

SCALE: 12" = 1'-0"

**LEGEND NOTES**

**AUDIOVISUAL SYMBOLS**

**AUDIOVISUAL SYMBOL**

DEVICE TYPE    DEVICE NUMBER    DEVICE TYPE    DEVICE NUMBER    ROOM NUMBER    DEVICE NUMBER

XX#    XXX-###-#

**AUDIOVISUAL SYMBOL TYPICAL ID KEY**

AV    AUDIOVISUAL TERMINATION  
 AVR    AUDIOVISUAL EQUIPMENT RACK  
 CS    CEILING LOUSPEAKER  
 CP    CONTROL DEVICE TERMINATION  
 DS    DIGITAL SIGNAGE TERMINATION  
 FB    FLOORBOX TERMINATION  
 IC    INTERCOM TERMINATION  
 JB    JUNCTION BOX  
 LM    LIVE MICROPHONE TERMINATION  
 LT    LOUSPEAKER TERMINATION  
 SW    SUBWOOFER TERMINATION  
 VC    VOLUME CONTROL TERMINATION  
 VT    VIDEO TERMINATION

**AUDIOVISUAL SYMBOL TYPE**

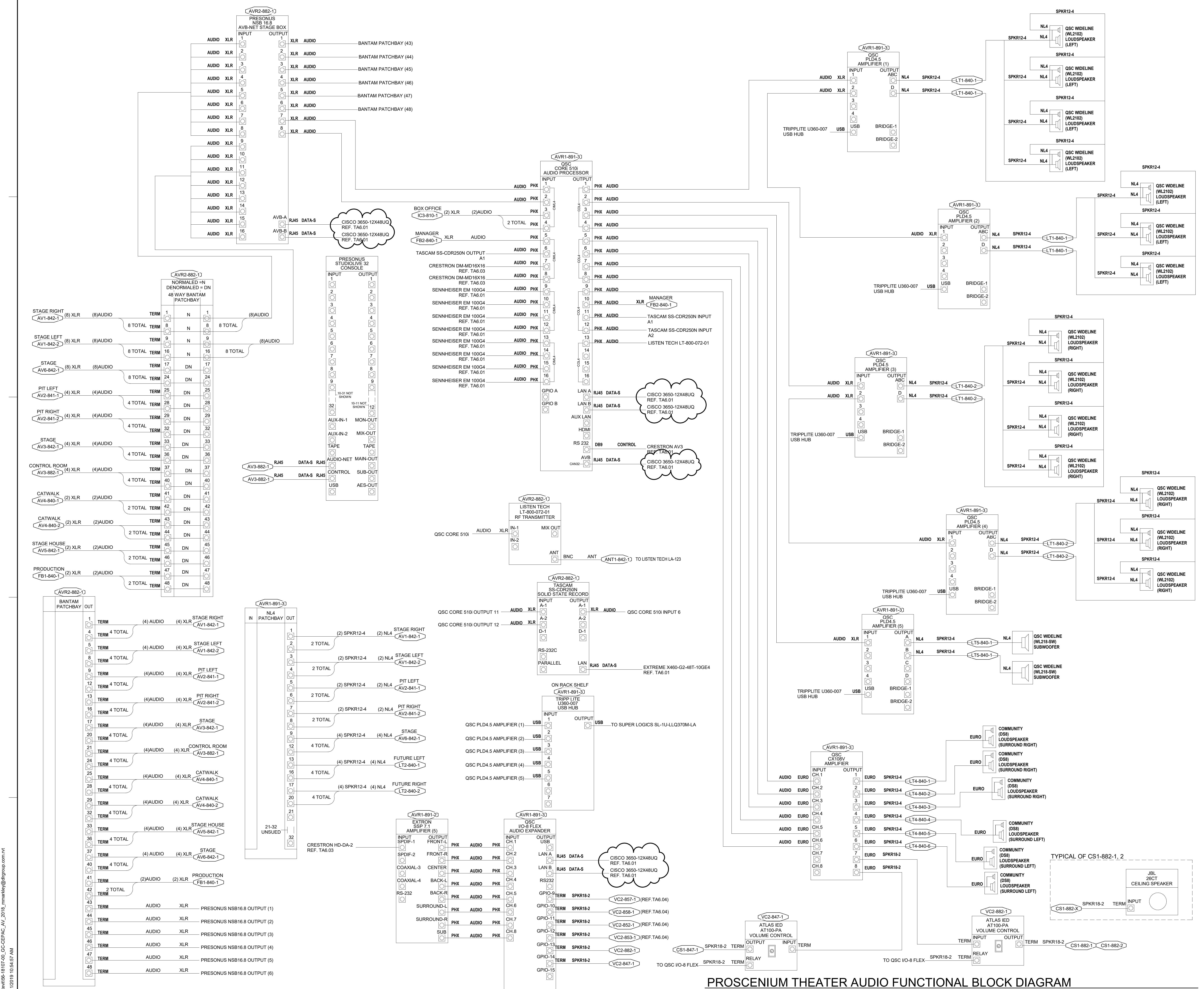
AV WALL BOX    AV CEILING BOX  
 AV FLOOR BOX    AV FLOOR BOX  
 AV CEILING SPEAKER    AV CABLE PASS

**POWER SYMBOLS**

ISOLATED POWER INDICATOR  
 WALL MOUNTED POWER INTEGRATED IN DEVICE INDICATOR  
 ISOLATED POWER INDICATOR  
 CEILING MOUNTED POWER INTEGRATED IN DEVICE INDICATOR  
 FLOOR MOUNTED POWER INTEGRATED IN DEVICE INDICATOR  
 20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20 DUPLEX RECEPTACLE (CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE, AS SHOWN ON DRAWINGS, UON)  
 QUADRUPEX RECEPTACLE - (2) 20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20 QUAD RECEPTABLES (CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE, AS SHOWN ON DRAWINGS, UON)  
 CUSTOM POWER WIRING TO JUNCTION BOX - SEE WIRING DEVICE SCHEDULE (CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE, AS SHOWN ON DRAWINGS, UON)  
 SPECIALTY POWER - REFER TO ELECTRICAL DOCUMENTS FOR RECEPTACLE TYPE (CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE, AS SHOWN ON DRAWINGS, UON)

**DATA SYMBOLS**

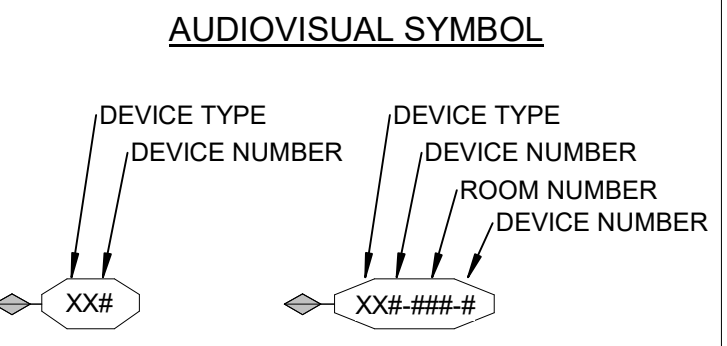
WALL MOUNTED DATA RECEPTACLE FOR LAN (CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE (+18" AFF UON))  
 WALL MOUNTED DATA RECEPTACLE FOR LAN, NOT CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE - FOR REFERENCE ONLY.  
 FLOOR MOUNTED DATA RECEPTACLE FOR LAN (CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE)  
 FLOOR MOUNTED DATA RECEPTACLE FOR LAN, NOT CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE - FOR REFERENCE ONLY.



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LEGEND NOTES

AUDIOVISUAL SYMBOLS

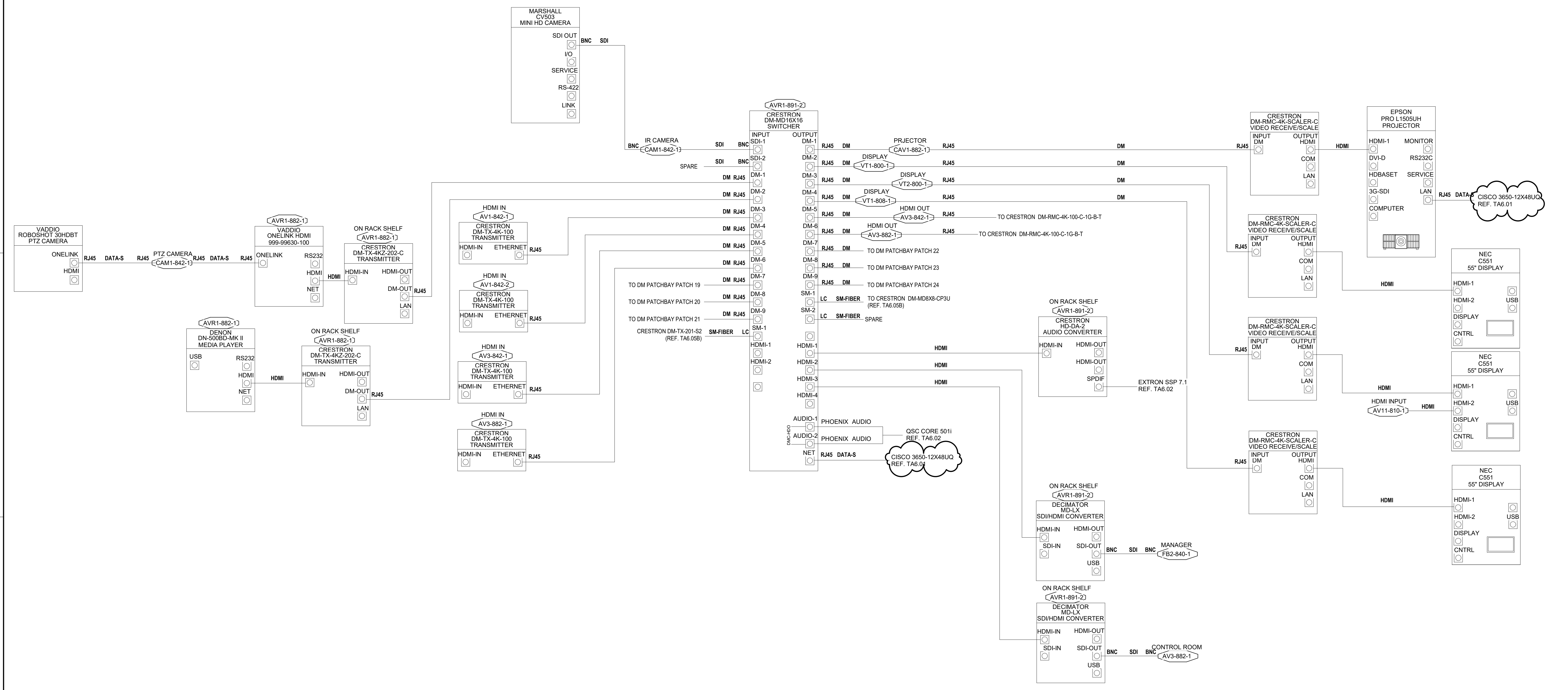


- AUDIOVISUAL SYMBOL TYPICAL ID KEY
- AV: AUDIOVISUAL TERMINATION
  - AVR: AUDIOVISUAL EQUIPMENT RACK
  - CS: CEILING LOUDSPEAKER
  - CP: CONTROL DEVICE TERMINATION
  - DS: DIGITAL SIGNAGE TERMINATION
  - FB: FLOORBOX TERMINATION
  - IC: INTERCOM TERMINATION
  - JB: JUNCTION BOX
  - LM: LIVE MICROPHONE TERMINATION
  - LT: LOUDSPEAKER TERMINATION
  - SW: SUBWOOFER TERMINATION
  - VC: VOLUME CONTROL TERMINATION
  - VT: VIDEO TERMINATION

- AUDIOVISUAL SYMBOL TYPE
- AV WALL BOX
  - AV FLOOR BOX
  - AV CEILING SPEAKER
  - AV CEILING BOX
  - AV CABLE PASS

- POWER SYMBOLS
- ISOLATED POWER INDICATOR
  - WALL MOUNTED POWER INTEGRATED IN DEVICE INDICATOR
  - CEILING MOUNTED POWER INTEGRATED IN DEVICE INDICATOR
  - FLOOR MOUNTED POWER INTEGRATED IN DEVICE INDICATOR
  - QUADRUPLX RECEPTACLE - (2) 20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20 QUAD RECEPTACLES (CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE, AS SHOWN ON DRAWINGS, UON).
  - CUSTOM POWER WIRING TO JUNCTION BOX - SEE WIRING DEVICE SCHEDULE (CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE, AS SHOWN ON DRAWINGS, UON).
  - SPECIALTY POWER - REFER TO ELECTRICAL DOCUMENTS FOR RECEPTACLE TYPE (CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE, AS SHOWN ON DRAWINGS, UON).

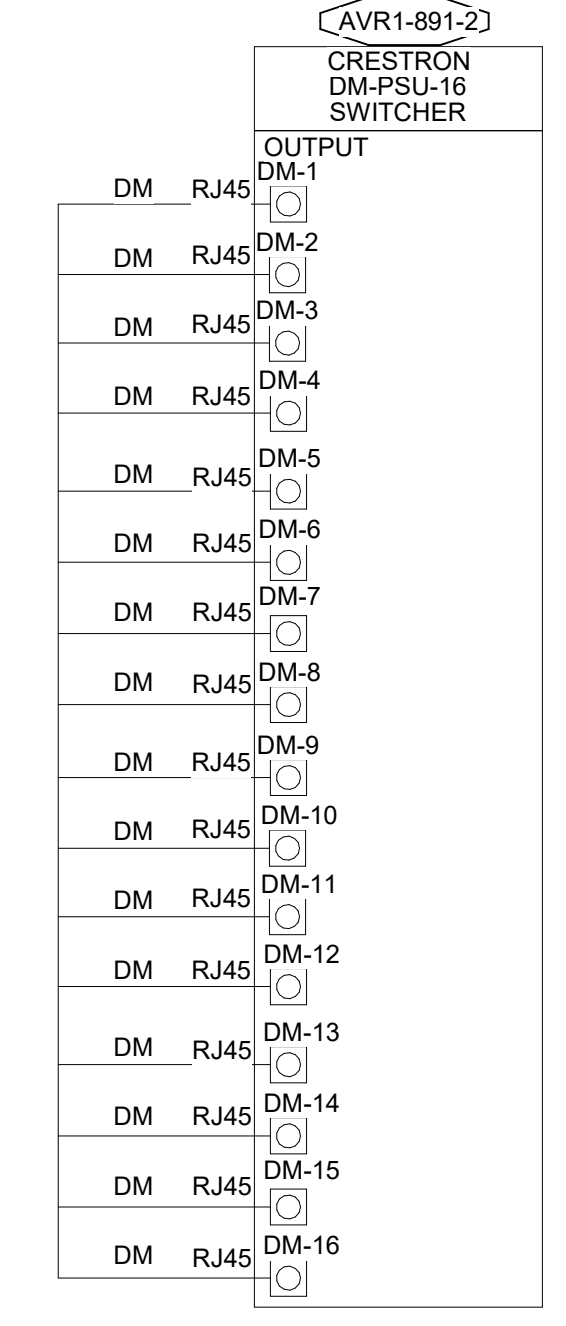
- DATA SYMBOLS
- WALL MOUNTED DATA RECEPTACLE FOR LAN CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE (+18" AFF UON).
  - WALL MOUNTED DATA RECEPTACLE FOR LAN, NOT CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE - FOR REFERENCE ONLY.
  - FLOOR MOUNTED DATA RECEPTACLE FOR LAN CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE.
  - FLOOR MOUNTED DATA RECEPTACLE FOR LAN, NOT CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE - FOR REFERENCE ONLY.



AVR1-882-1 TYPICAL BNC PATCHBAY

|              |           |     |     |     |    |    |
|--------------|-----------|-----|-----|-----|----|----|
| STAGE RIGHT  | AV1-842-1 | BNC | SDI | BNC | 1  | 1  |
| STAGE RIGHT  | AV1-842-1 | BNC | SDI | BNC | 2  | 2  |
| STAGE LEFT   | AV1-842-2 | BNC | SDI | BNC | 3  | 3  |
| STAGE LEFT   | AV1-842-2 | BNC | SDI | BNC | 4  | 4  |
| STAGE        | AV3-842-1 | BNC | SDI | BNC | 5  | 5  |
| STAGE        | AV3-842-1 | BNC | SDI | BNC | 6  | 6  |
| PIT LEFT     | AV2-841-1 | BNC | SDI | BNC | 7  | 7  |
| PIT LEFT     | AV2-841-1 | BNC | SDI | BNC | 8  | 8  |
| PIT RIGHT    | AV2-841-2 | BNC | SDI | BNC | 9  | 9  |
| PIT RIGHT    | AV2-841-2 | BNC | SDI | BNC | 10 | 10 |
| STAGE HOUSE  | AV5-842-1 | BNC | SDI | BNC | 11 | 11 |
| STAGE HOUSE  | AV5-842-1 | BNC | SDI | BNC | 12 | 12 |
| CATWALK      | AV4-840-1 | BNC | SDI | BNC | 13 | 13 |
| CATWALK      | AV4-840-1 | BNC | SDI | BNC | 14 | 14 |
| CATWALK      | AV4-840-2 | BNC | SDI | BNC | 15 | 15 |
| CATWALK      | AV4-840-2 | BNC | SDI | BNC | 16 | 16 |
| PRODUCTION   | FB1-840-1 | BNC | SDI | BNC | 17 | 17 |
| PRODUCTION   | FB1-840-1 | BNC | SDI | BNC | 18 | 18 |
| MANAGER      | FB2-840-1 | BNC | SDI | BNC | 19 | 19 |
| CONTROL ROOM | AV3-882-1 | BNC | SDI | BNC | 20 | 20 |

\*EACH PORT OF THE CRESTRON DM-PSU-16 WILL CONNECT TO A CORRESPONDING DM INPUT OR DM OUTPUT CARD IN THE CRESTRON DM-MD 16X16 TO SUPPLY ADDITIONAL DM POWER NEEDED FOR TRANSMITTERS AND RECEIVERS



AVR1-891-2 CRESTRON DM-PSU-16 SWITCHER

|       |           |      |    |      |    |
|-------|-----------|------|----|------|----|
| DM-1  | AV1-842-1 | RJ45 | DM | TERM | 1  |
| DM-2  | AV1-842-1 | RJ45 | DM | TERM | 2  |
| DM-3  | AV1-842-2 | RJ45 | DM | TERM | 3  |
| DM-4  | AV1-842-2 | RJ45 | DM | TERM | 4  |
| DM-5  | AV3-842-1 | RJ45 | DM | TERM | 5  |
| DM-6  | AV3-842-1 | RJ45 | DM | TERM | 6  |
| DM-7  | AV2-841-1 | RJ45 | DM | TERM | 7  |
| DM-8  | AV2-841-1 | RJ45 | DM | TERM | 8  |
| DM-9  | AV2-841-2 | RJ45 | DM | TERM | 9  |
| DM-10 | AV2-841-2 | RJ45 | DM | TERM | 10 |
| DM-11 | AV4-840-1 | RJ45 | DM | TERM | 11 |
| DM-12 | AV4-840-1 | RJ45 | DM | TERM | 12 |
| DM-13 | AV4-840-2 | RJ45 | DM | TERM | 13 |
| DM-14 | AV4-840-2 | RJ45 | DM | TERM | 14 |
| DM-15 | AV5-842-1 | RJ45 | DM | TERM | 15 |
| DM-16 | AV5-842-1 | RJ45 | DM | TERM | 16 |
| DM-17 | AV5-842-1 | RJ45 | DM | TERM | 17 |
| DM-18 | AV5-842-1 | RJ45 | DM | TERM | 18 |

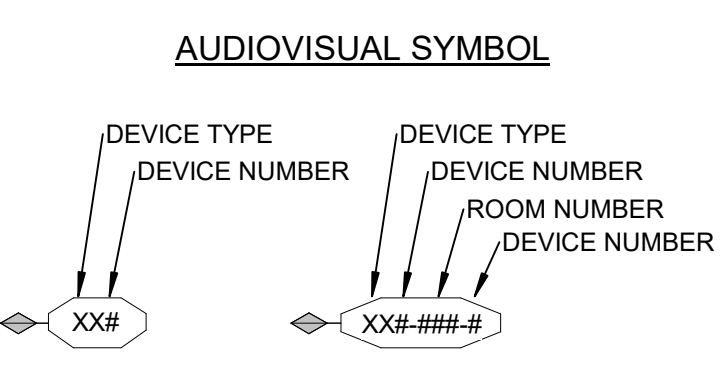
AVR1-891-2 DM PATCHBAY (1)

|    |  |        |
|----|--|--------|
| IN | DM PATCHBAY (1)                                | IN/OUT |
| 1  |  | 1      |
| 2  |  | 2      |
| 3  |  | 3      |
| 4  |  | 4      |
| 5  |  | 5      |
| 6  |  | 6      |
| 7  |  | 7      |
| 8  |  | 8      |
| 9  |  | 9      |
| 10 |  | 10     |
| 11 |  | 11     |
| 12 |  | 12     |
| 13 |  | 13     |
| 14 |  | 14     |
| 15 |  | 15     |
| 16 |  | 16     |
| 17 |  | 17     |
| 18 |  | 18     |
| 19 | TERM DM RJ45 CRESTRON MD-DM16X16 INPUT (DM-7)  | 19     |
| 20 | TERM DM RJ45 CRESTRON MD-DM16X16 INPUT (DM-8)  | 20     |
| 21 | TERM DM RJ45 CRESTRON MD-DM16X16 INPUT (DM-9)  | 21     |
| 22 | TERM DM RJ45 CRESTRON MD-DM16X16 OUTPUT (DM-7) | 22     |
| 23 | TERM DM RJ45 CRESTRON MD-DM16X16 OUTPUT (DM-8) | 23     |
| 24 | TERM DM RJ45 CRESTRON MD-DM16X16 OUTPUT (DM-9) | 24     |

PROSCENIUM THEATER VIDEO FUNCTIONAL BLOCK DIAGRAM  
SCALE: 1/2" = 1'-0"

LEGEND NOTES

AUDIOVISUAL SYMBOLS



AUDIOVISUAL SYMBOL TYPICAL ID KEY

- AV AUDIOVISUAL TERMINATION
- AVR AUDIOVISUAL EQUIPMENT RACK
- CS CEILING LOUDSPEAKER
- CP CONTROL DEVICE TERMINATION
- DS DIGITAL SIGNAGE TERMINATION
- FB FLOORBOX TERMINATION
- IC INTERCOM TERMINATION
- JB JUNCTION BOX
- LM LIVE MICROPHONE TERMINATION
- LT LOUDSPEAKER TERMINATION
- SW SUBWOOFER TERMINATION
- VC VOLUME CONTROL TERMINATION
- VT VIDEO TERMINATION

AUDIOVISUAL SYMBOL TYPE

- AV WALL BOX
- AV FLOOR BOX
- AV CEILING SPEAKER
- AV CEILING BOX
- AV CABLE PASS

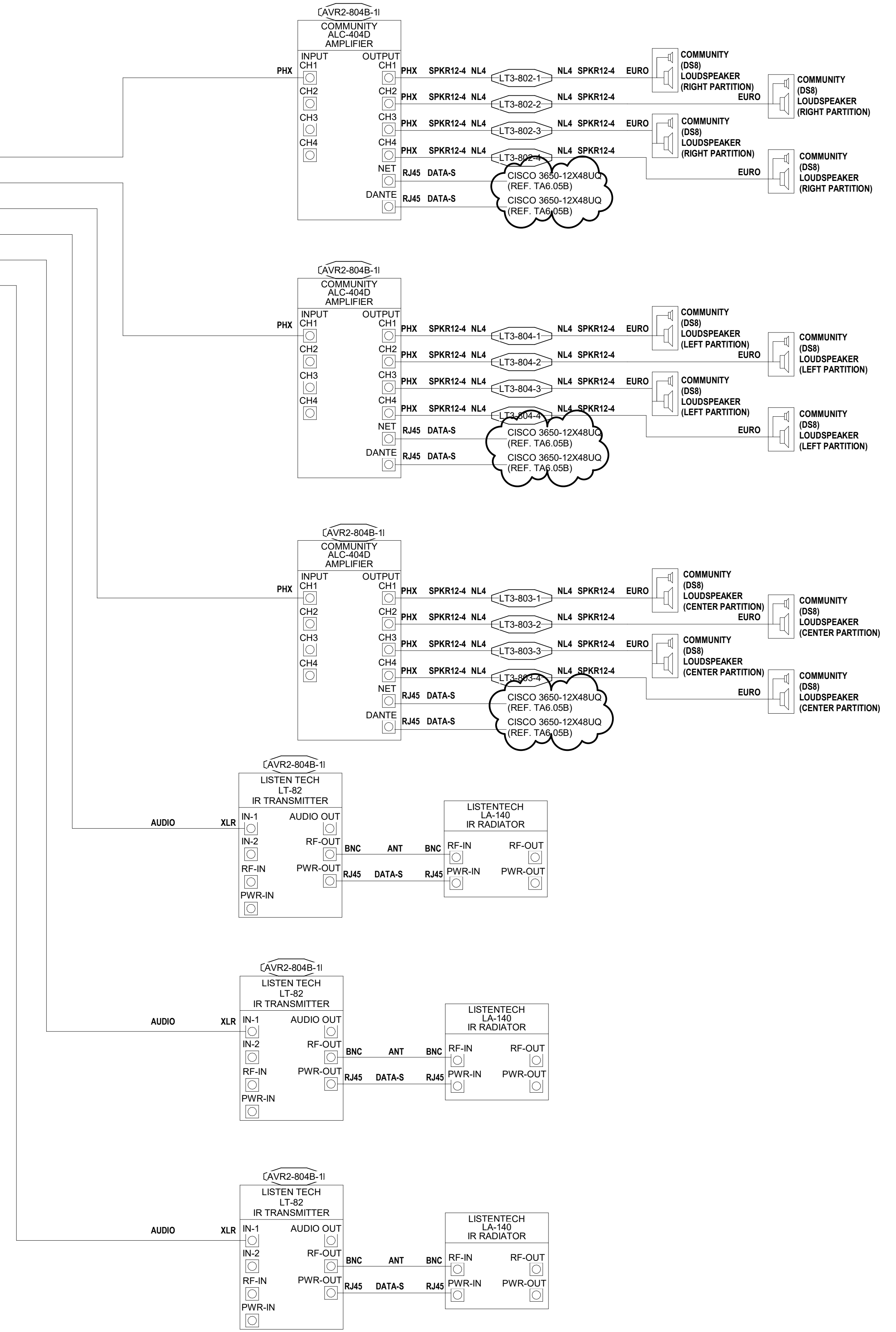
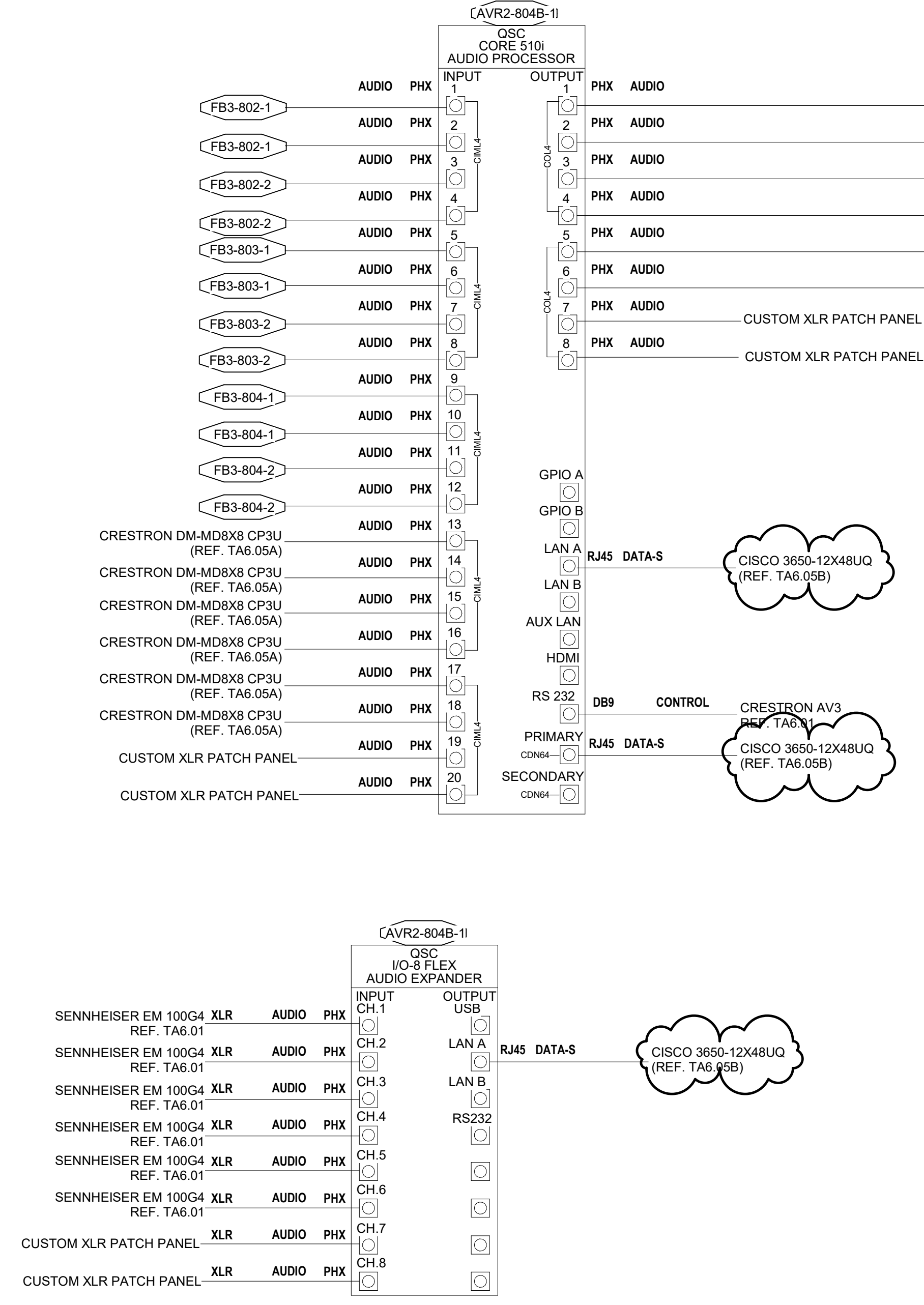
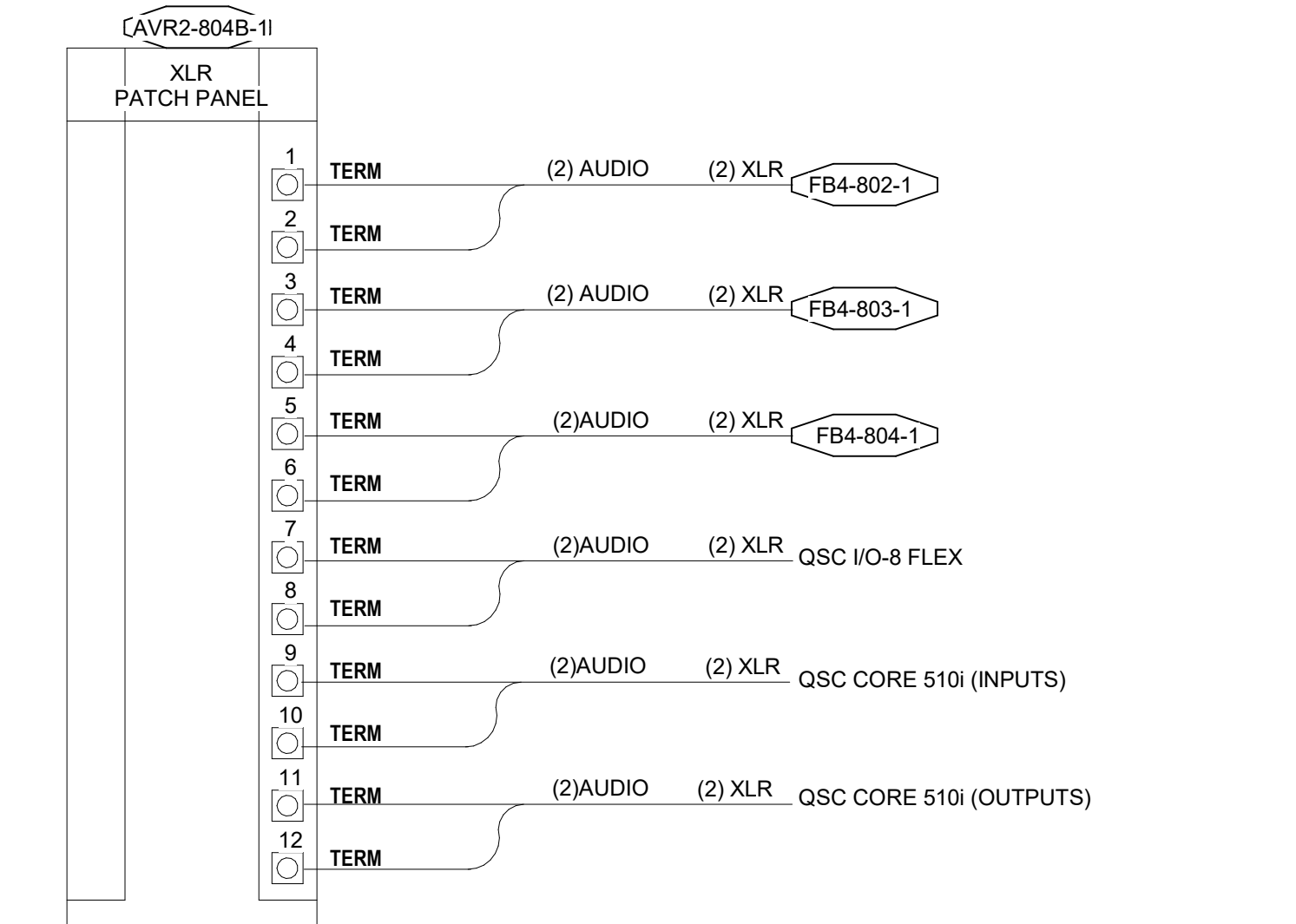
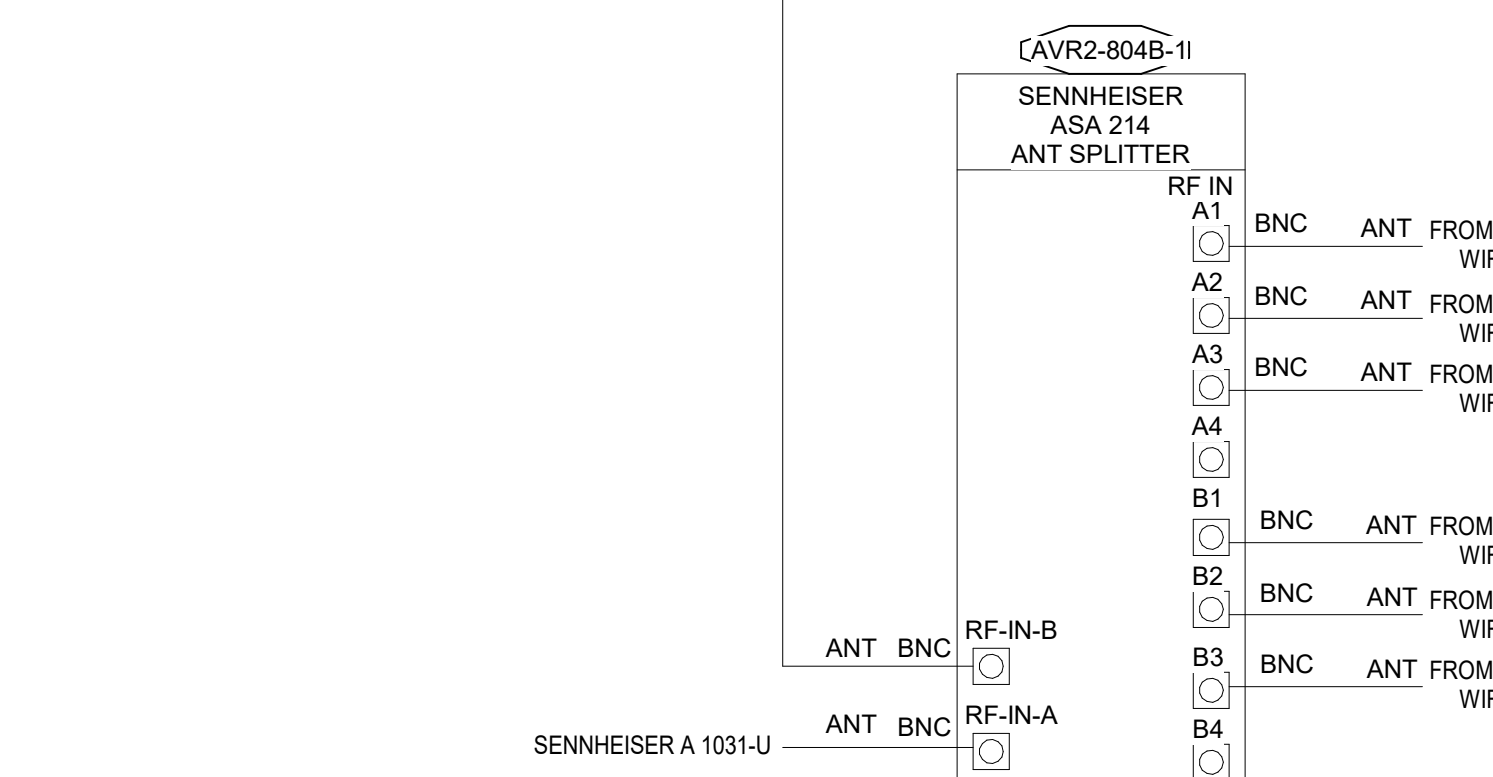
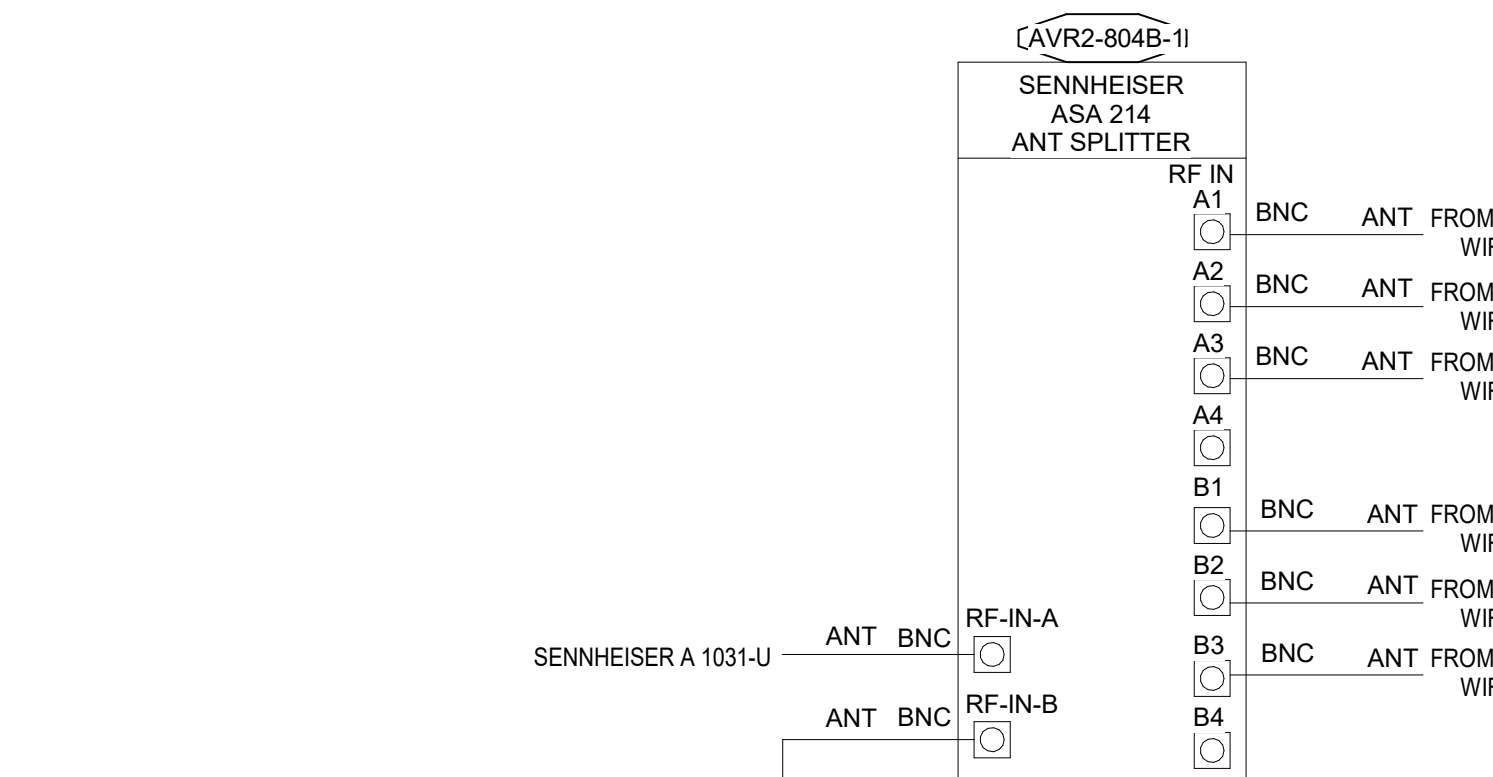
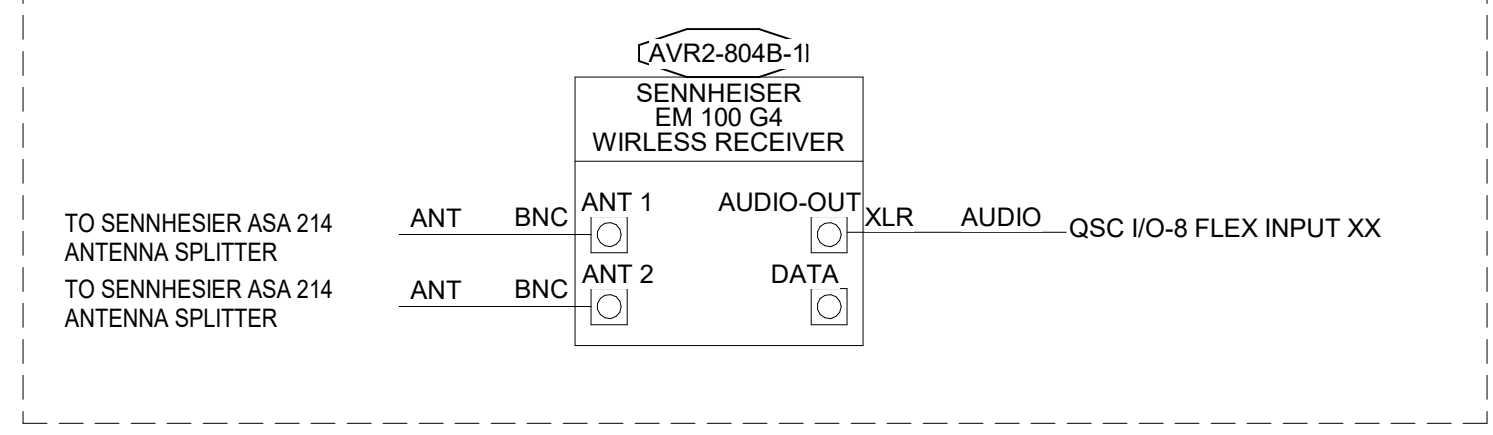
POWER SYMBOLS

- ISOLATED POWER INDICATOR
- WALL MOUNTED POWER INTEGRATED IN DEVICE INDICATOR
- CEILING MOUNTED POWER INTEGRATED IN DEVICE INDICATOR
- FLOOR MOUNTED POWER INTEGRATED IN DEVICE INDICATOR
- 20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20 DUPLEX RECEPTACLE (CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE, AS SHOWN ON DRAWINGS, UON).
- QUADRUPEX RECEPTACLE - (2) 20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20 QUAD RECEPTACLES (CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE, AS SHOWN ON DRAWINGS, UON).
- CUSTOM POWER WIRING TO JUNCTION BOX - SEE WIRING DEVICE SCHEDULE (CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE, AS SHOWN ON DRAWINGS, UON).
- SPECIALTY POWER - REFER TO ELECTRICAL DOCUMENTS FOR RECEPTACLE TYPE (CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE, AS SHOWN ON DRAWINGS, UON).

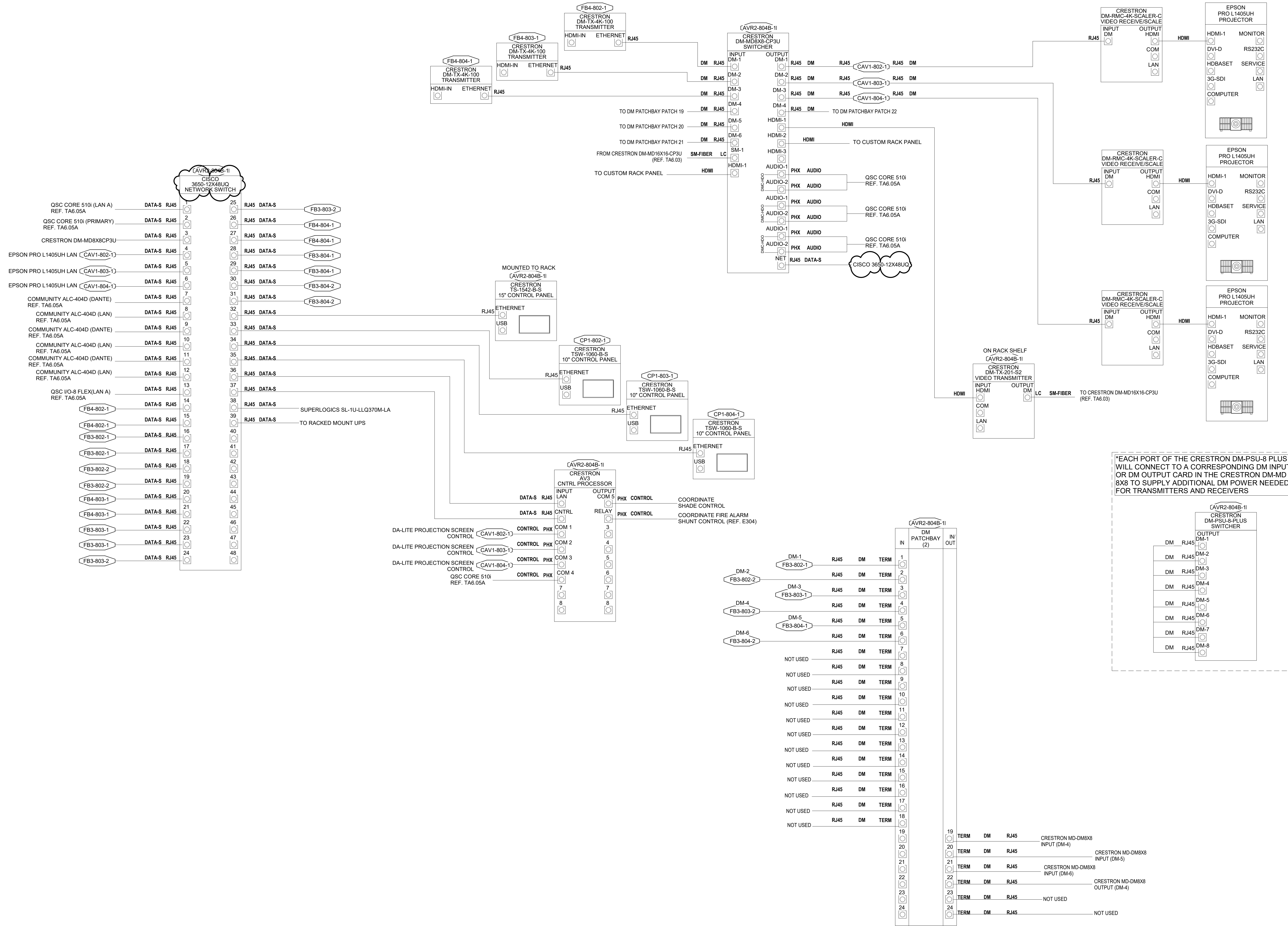
DATA SYMBOLS

- WALL MOUNTED DATA RECEPTACLE FOR LAN CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE (+18" AFF UON).
- WALL MOUNTED DATA RECEPTACLE FOR LAN, NOT CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE - FOR REFERENCE ONLY.
- FLOOR MOUNTED DATA RECEPTACLE FOR LAN CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE.
- FLOOR MOUNTED DATA RECEPTACLE FOR LAN, NOT CONTAINED IN AUDIOVISUAL WIRING DEVICE PLATE - FOR REFERENCE ONLY.

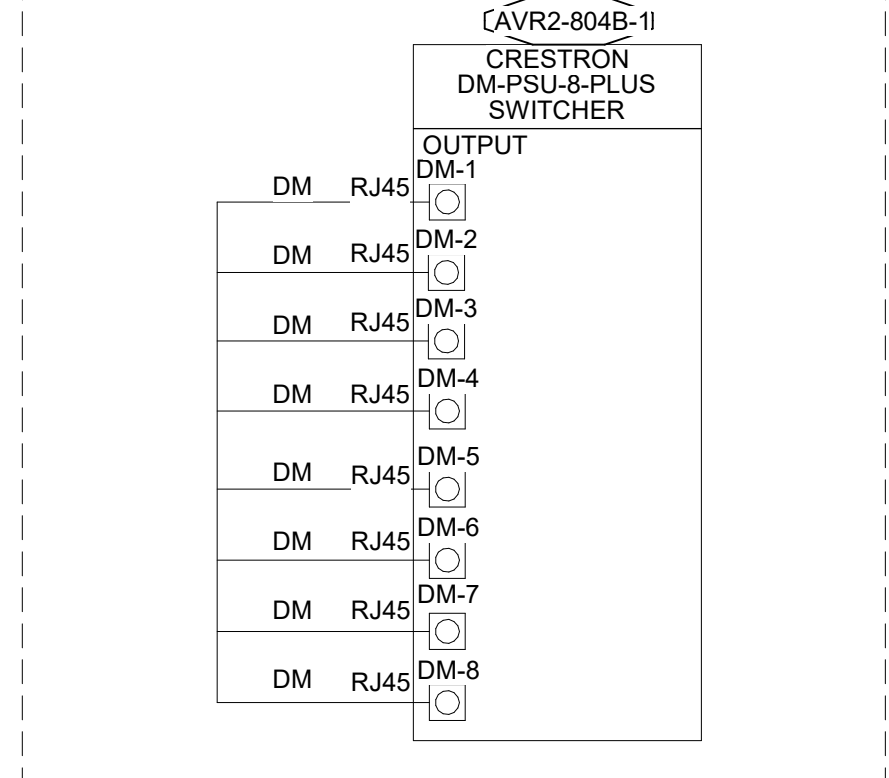
TYPICAL OF 6 SENNHEISER EM 100 G4 WIRELESS RECEIVERS



MEETING ROOM FUNCTIONAL BLOCK DIAGRAM  
SCALE: 12" = 1'-0"



\*EACH PORT OF THE CRESTRON DM-PSU-8 PLUS WILL CONNECT TO A CORRESPONDING DM INPUT OR DM OUTPUT CARD IN THE CRESTRON DM-MD 8X8 TO SUPPLY ADDITIONAL DM POWER NEEDED FOR TRANSMITTERS AND RECEIVERS





NOTE: STAGE DRAPERIES PROVIDED BY OWNER, SHEET INCLUDED FOR COORDINATION ONLY.

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CONSTRUCTION

GARRETT COLLEGE CEPAC

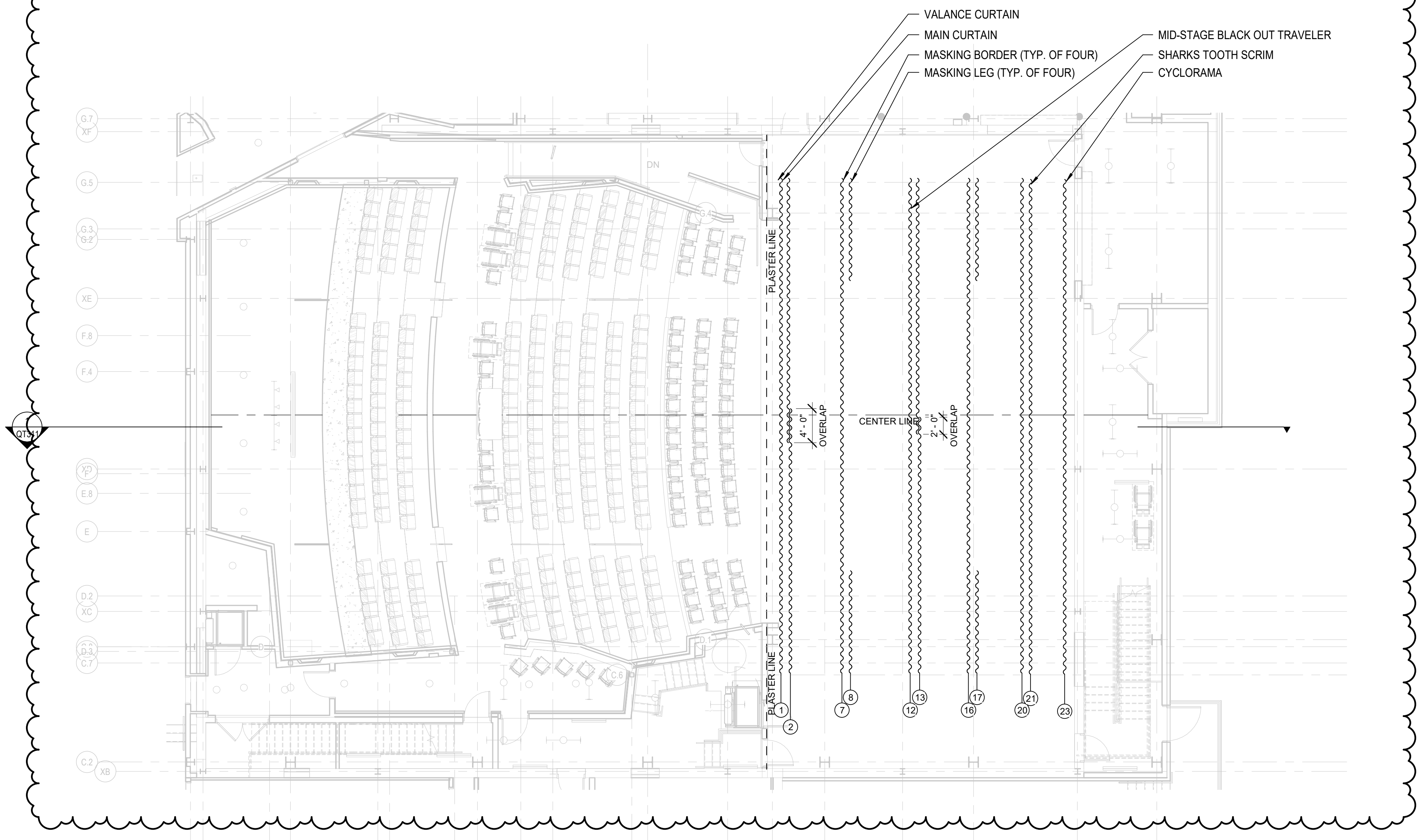
687 MOSSER ROAD,  
MCHEERY, MD 21541

ISSUED FOR BID  
AND PERMIT  
Issue Date: 11/15/2019  
Revisions  
1 ADDENDUM 01 12/11/2019

56-18107-00  
THEATRICAL  
DRAPERY PLAN

QT111

| STAGE DRAPERY SCHEDULE |                        |           |                    |           |          |        |        |            |             |               |            |                                 |                 |
|------------------------|------------------------|-----------|--------------------|-----------|----------|--------|--------|------------|-------------|---------------|------------|---------------------------------|-----------------|
| ITEM #                 | LOCATION               | QTY TO... | TYPE / NAME        | COLOR     | FULLNESS | WIDTH  | HEIGHT | ONSTAGE... | OFFSTAGE... | BOTTOM HEM    | TOP FINISH | HANG MEATHOD                    | NOTES           |
| 1                      | LINESET 1              | 1         | VALANCE CURTAIN    | INTERIORS | 100%     | 58'-0" | 6'-0"  | 4"         | 4"          | 6"            | 6"         | GROMETS AND TIE LINE - 12" CTRS |                 |
| 2                      | LINESET 2              | 2         | MAIN TRAVELER...   | INTERIORS | 100%     | 29'-0" | 20'-0" | 26"        | 4"          | 6"            | 6"         | SNAP HOOKS - 12" CTRS           | DOUBLE TRACK... |
| 3                      | LINESETS 7, 12, 16, 20 | 4         | BORDER CURTAIN     | BLACK     | 80%      | 58'-0" | 8'-0"  | 4"         | 4"          | 6"            | 6"         | GROMETS AND TIE LINE - 12" CTRS |                 |
| 4                      | LINESETS 8, 17         | 4         | LEG CURTAINS       | BLACK     | 50%      | 12'-0" | 20'-0" | 4"         | 4"          | 6"            | 6"         | GROMETS AND TIE LINE - 12" CTRS |                 |
| 5                      | LINESET 13             | 2         | BLACK OUT TRAVELER | BLACK     | 100%     | 29'-0" | 20'-0" | 4"         | 4"          | 6"            | 6"         | GROMETS AND TIE LINE - 12" CTRS | DOUBLE TRACK... |
| 6                      | LINE SET 21            | 1         | SHARKS TOOTH SCRIM | BLACK     | 0%       | 58'-0" | 20'-0" | 4"         | 4"          | 4" W/ 6" FLAP | 6"         | GROMETS AND TIE LINE - 12" CTRS |                 |
| 7                      | LINE SET 23            | 1         | CYCLORAMA          | WHITE     | 0%       | 58'-0" | 20'-0" | 4"         | 4"          | 4" W/ 6" FLAP | 6"         | GROMETS AND TIE LINE - 12" CTRS |                 |

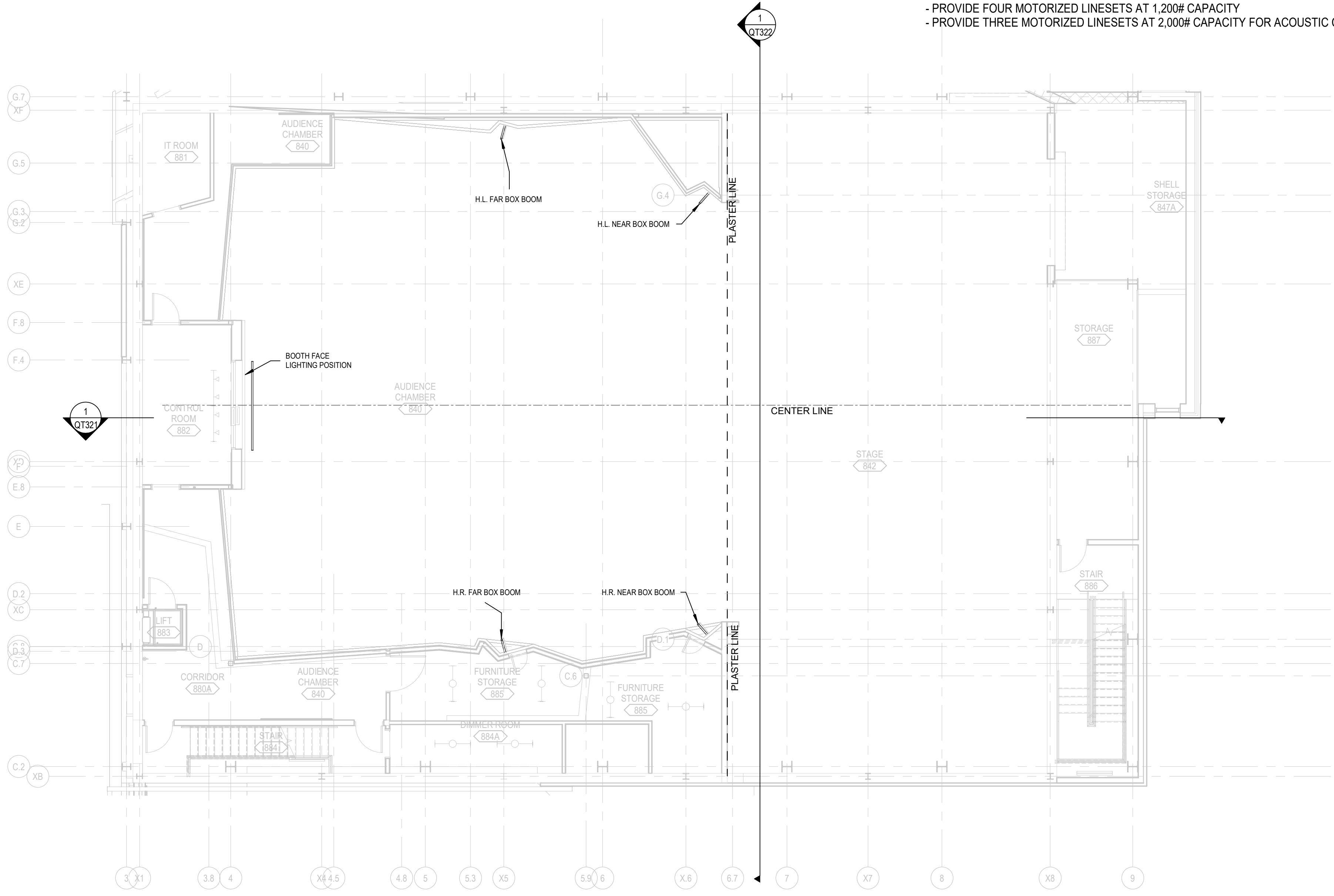


STAGE LEVEL THEATRICAL DRAPERY  
PLAN  
1/8" = 1'-0"

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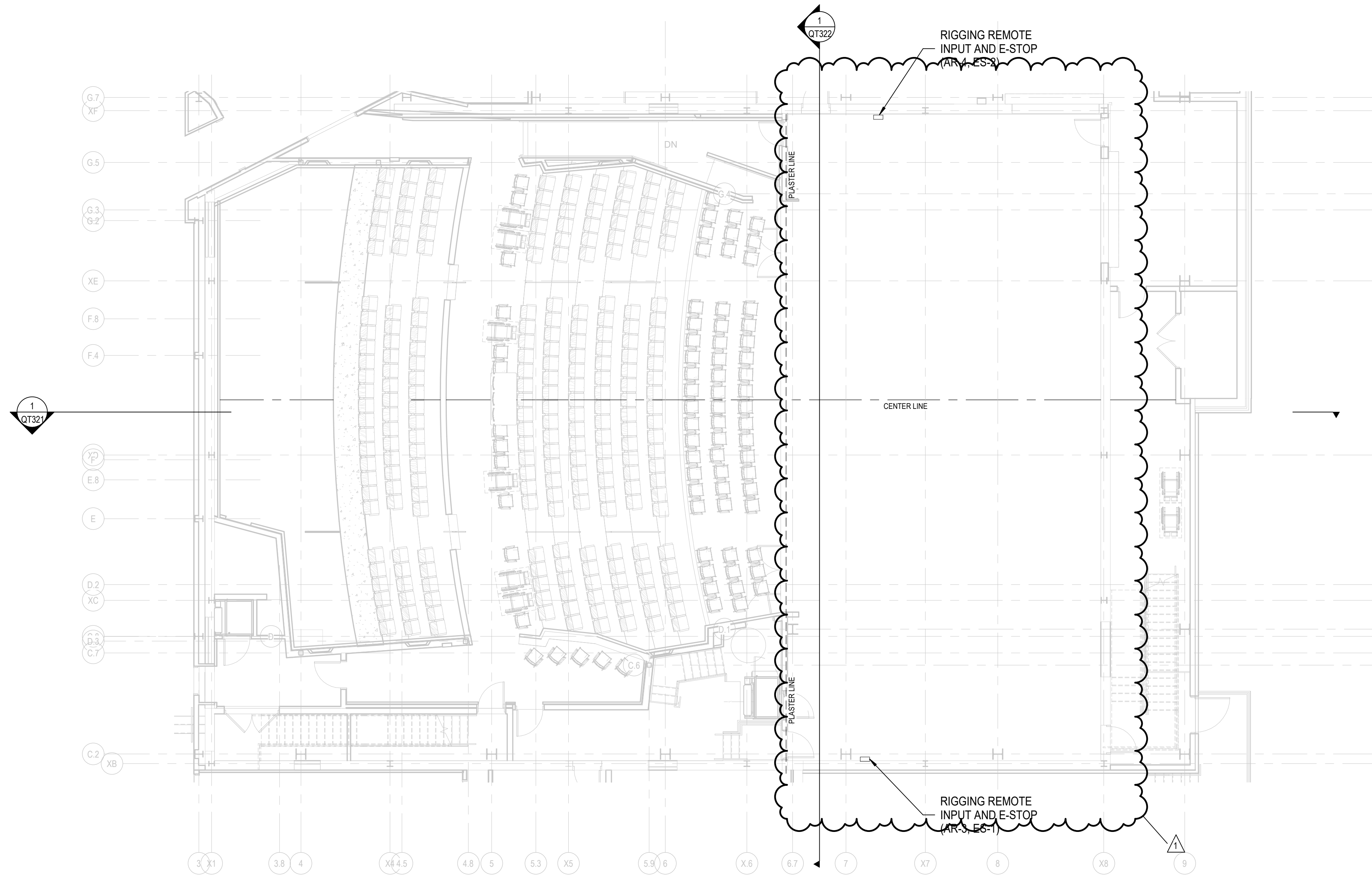
NOTE:  
 - PROVIDE FOUR MOTORIZED LINESETS AT 1,200# CAPACITY  
 - PROVIDE THREE MOTORIZED LINESETS AT 2,000# CAPACITY FOR ACOUSTIC CEILINGS

| RIGGING SCHEDULE |                |               |                               |        |
|------------------|----------------|---------------|-------------------------------|--------|
| LINE SET         | DISTANCE TO... | Suspension... | FUNCTION                      | LENGTH |
| 1.               | 1' - 0"        | DEAD HUNG     | MAIN DRAPE                    | 64'    |
| 2.               | 2' - 0"        | HOIST         | ELECTRIC #1                   | 58'    |
| 3.               | 3' - 0"        | HOIST         | VIDEO SCREEN                  | 58'    |
| 4.               | 4' - 0"        | DEAD HUNG     | MASKING & LEGS                | 58'    |
| 5.               | 5' - 0"        | HOIST         | DS ACOUSTIC SHELL             | 58'    |
| 6.               | 6' - 0"        | DEAD HUNG     | MT                            | 58'    |
| 7.               | 8' - 0"        | DEAD HUNG     | BOARDER & LEGS                | 58'    |
| 8.               | 10' - 0"       | HOIST         | ACOUSTIC SHELL #1             | 58'    |
| 9.               | 11' - 0"       | DEAD HUNG     | MT                            | 58'    |
| 10.              | 13' - 0"       | DEAD HUNG     | MT                            | 58'    |
| 11.              | 15' - 0"       | HOIST         | ELECTRIC #3                   | 58'    |
| 12.              | 17' - 0"       | DEAD HUNG     | BLACKOUT TRAVELER AND VALANCE | 58'    |
| 13.              | 18' - 0"       | DEAD HUNG     | MT                            | 58'    |
| 14.              | 19' - 0"       | HOIST         | CTR ACOUSTIC SHELL #2         | 58'    |
| 15.              | 21' - 0"       | DEAD HUNG     | MT                            | 58'    |
| 16.              | 23' - 0"       | DEAD HUNG     | BOARDER & LEGS                | 58'    |
| 17.              | 24' - 0"       | DEAD HUNG     | MT                            | 58'    |
| 18.              | 25' - 4"       | HOIST         | US ACOUSTIC SHELL #3          | 58'    |
| 19.              | 27' - 0"       | DEAD HUNG     | ELECTRIC #4                   | 58'    |
| 20.              | 30' - 0"       | DEAD HUNG     | MT                            | 58'    |
| 21.              | 31' - 0"       | DEAD HUNG     | SHARKTOOTH SCRIM & BOARDER    | 58'    |
| 22.              | 32' - 0"       | DEAD HUNG     | ELECTRIC #5(CYC LIGHTS)       | 58'    |
| 23.              | 35' - 0"       | DEAD HUNG     | CYC                           | 58'    |



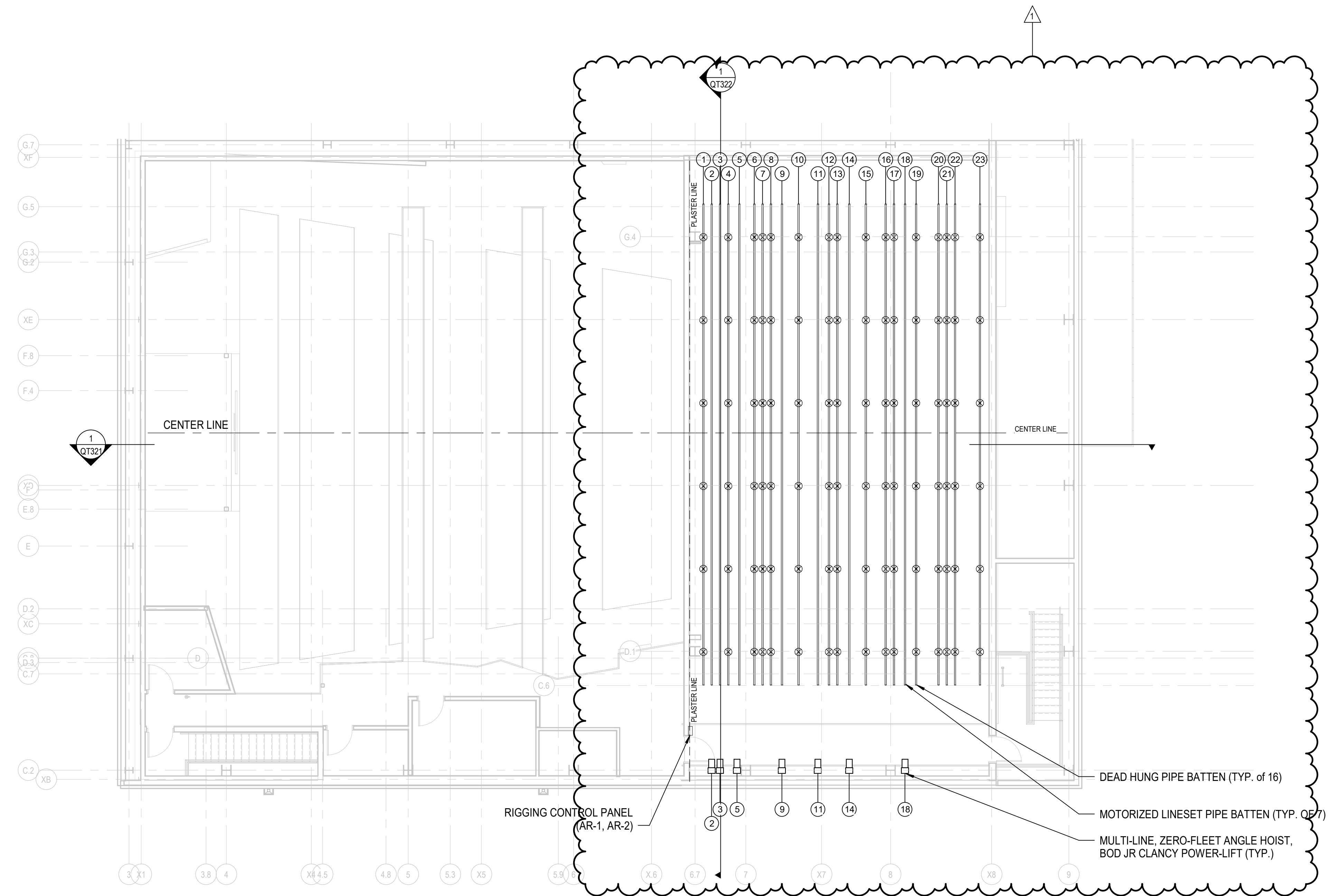
THEATRICAL RIGGING PLAN, CONTROL ROOM LEVEL PLAN

1/8" = 1'-0"



THEATRICAL RIGGING PLAN, STAGE LEVEL

1/8" = 1'-0"



THEATRICAL RIGGING, CATWALK LEVEL  
1/8" = 1'-0"



NOT FOR  
CONSTRUCTION

GARRETT COLLEGE CEPAC

687 MOSSER ROAD,  
MCHEENRY, MD 21541

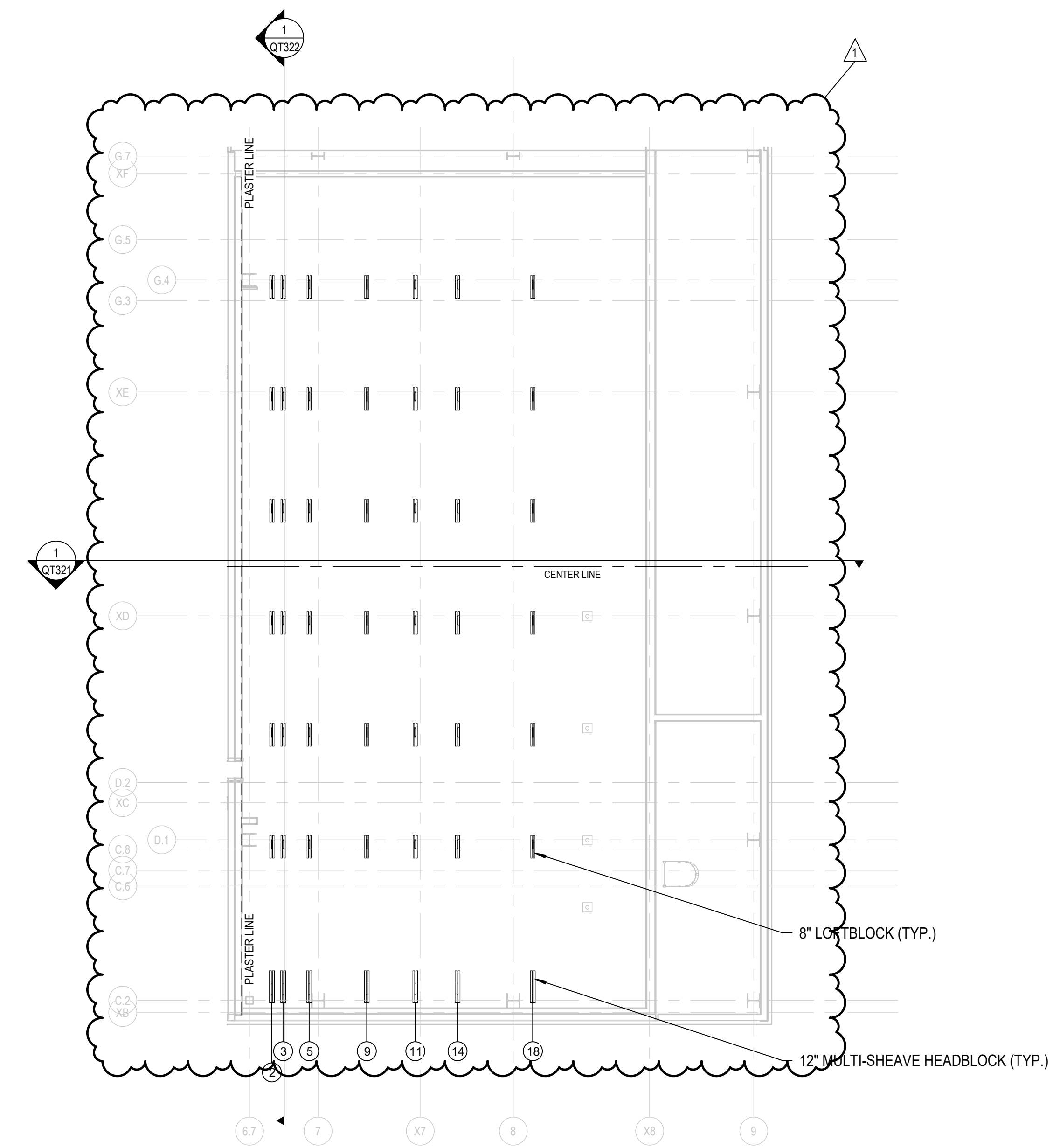
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1 ADDENDUM 01 12/11/2019

56-18107-00

RIGGING STEEL  
LEVEL  
THEATRICAL  
RIGGING PLAN

QT123



**THEATRICAL RIGGING, RIGGING STEEL  
LEVEL**  
1/8" = 1'-0"



NOTE: INFILL PLATFORMS PROVIDED BY OWNER, SHEET INCLUDED FOR COORDINATION ONLY.

NOT FOR  
CONSTRUCTION

GARRETT COLLEGE CEPAC

687 MOSSER ROAD,  
MCHEENY, MD 21541

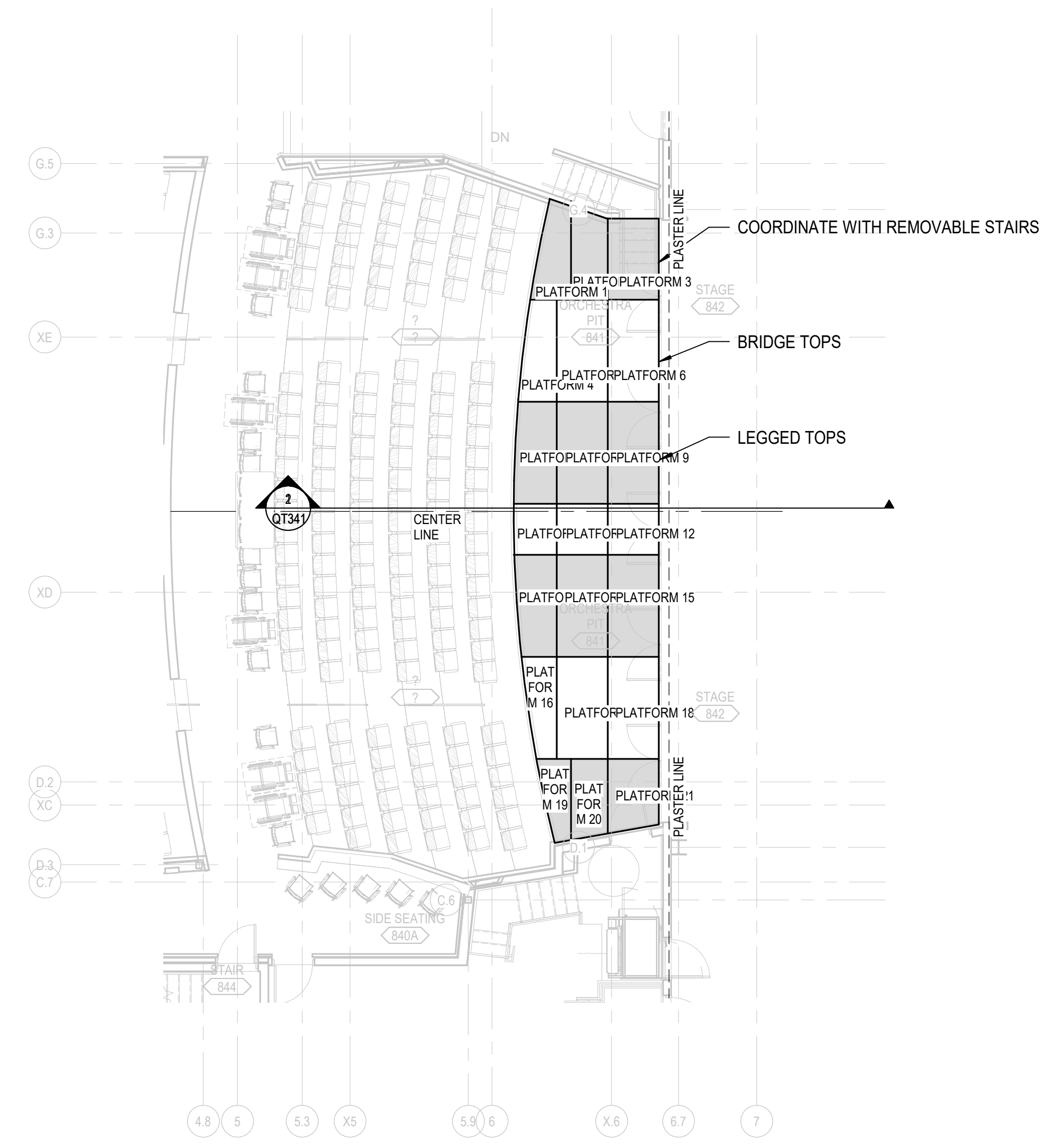
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Revisions  
1 ADDENDUM 01 12/11/2019

56-18107-00

PORTABLE  
PLATFORM PLANS  
- ORCHESTRA PIT

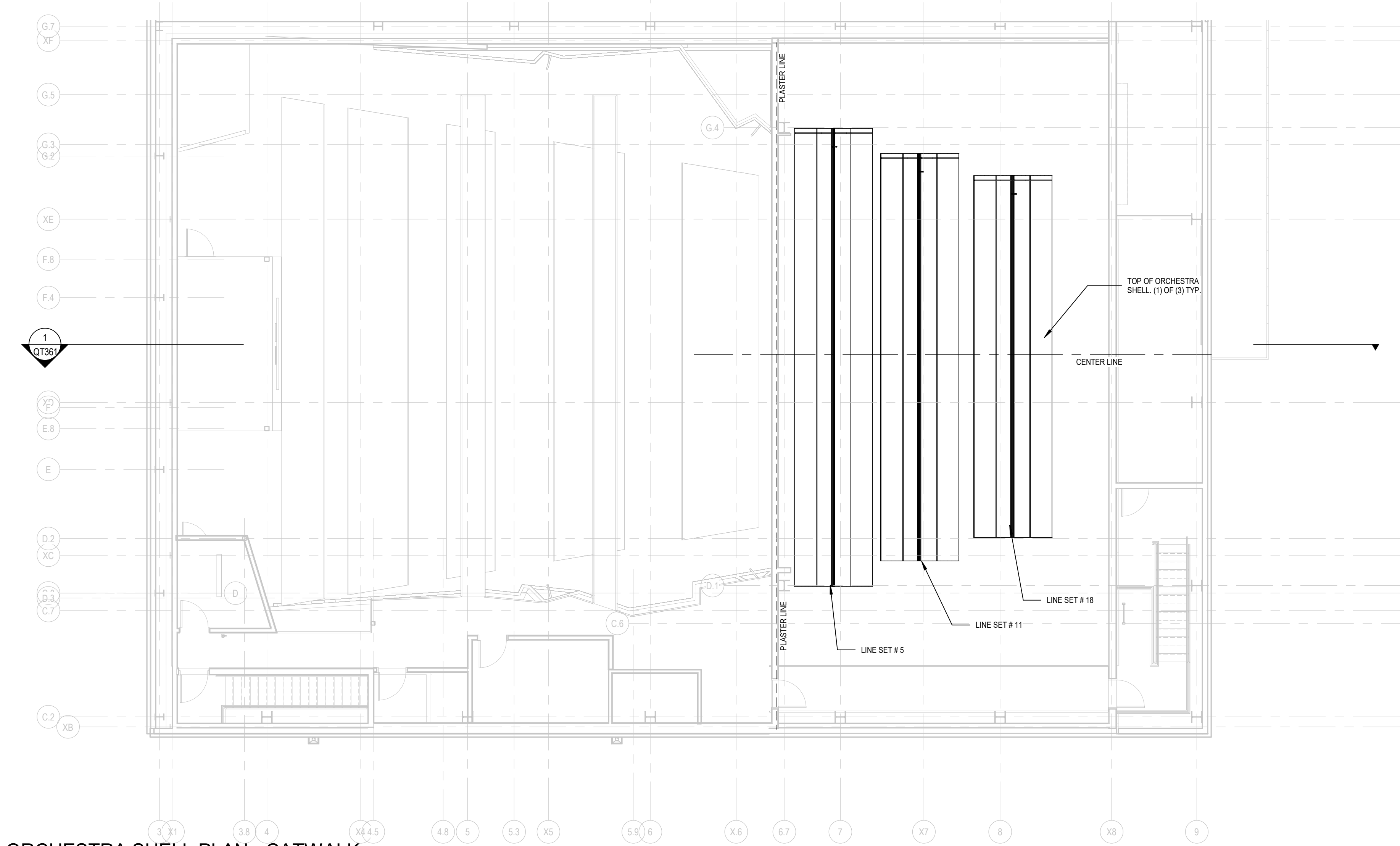
QT141



ORCHESTRA INFILL PLATFORMS  
1/8" = 1'-0"

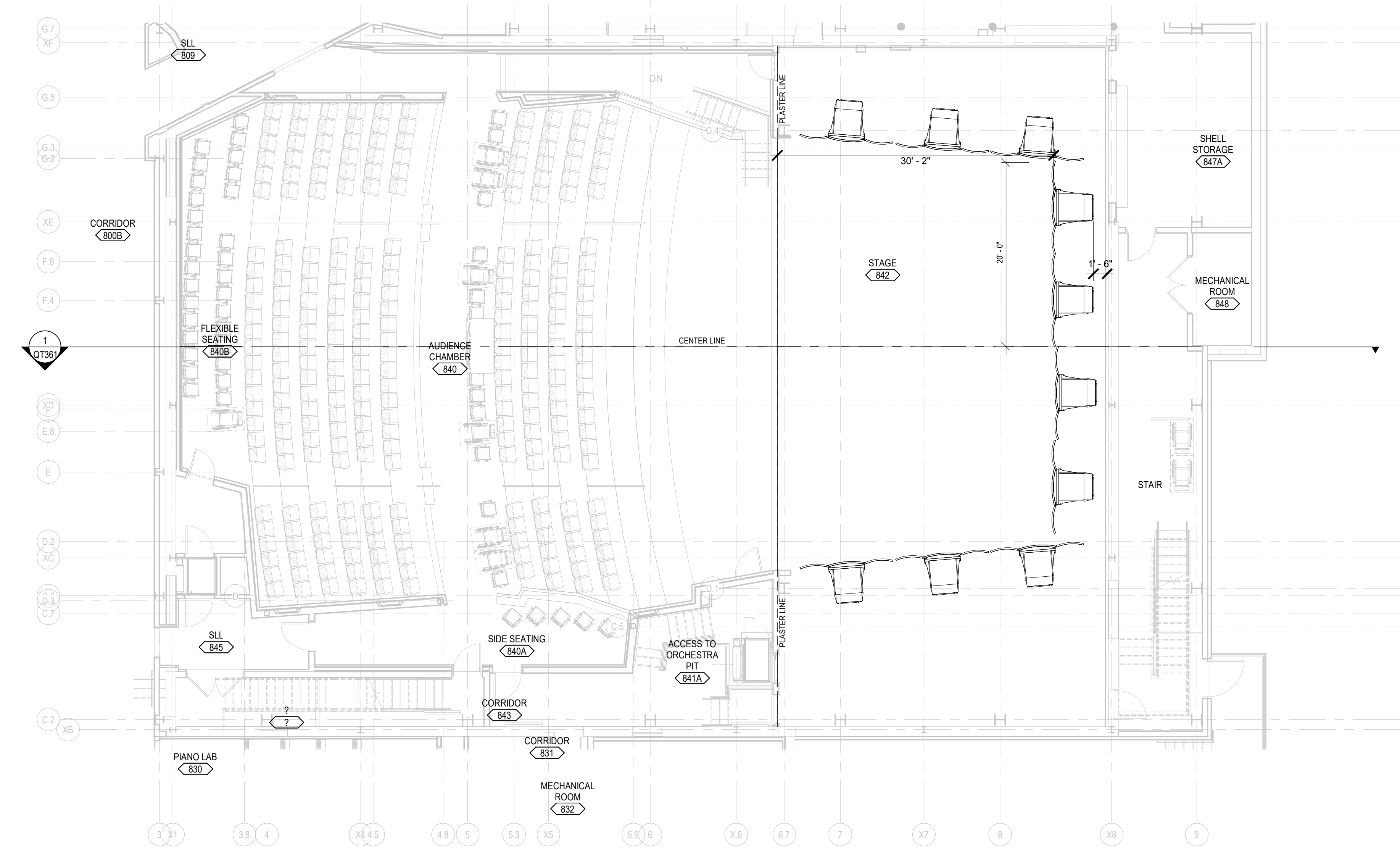


NOTE: ORCHESTRA SHELL PROVIDED BY OWNER, SHEET INCLUDED FOR COORDINATION ONLY.



ORCHESTRA SHELL PLAN - CATWALK LEVEL

1/8" = 1'-0"



ORCHESTRA SHELL PLAN - STAGE LEVEL

1/8" = 1'-0"

NOT FOR CONSTRUCTION

NOTE: STAGE DRAPERIES PROVIDED BY OWNER. SHEET INCLUDED FOR COORDINATION ONLY.

NOT FOR CONSTRUCTION

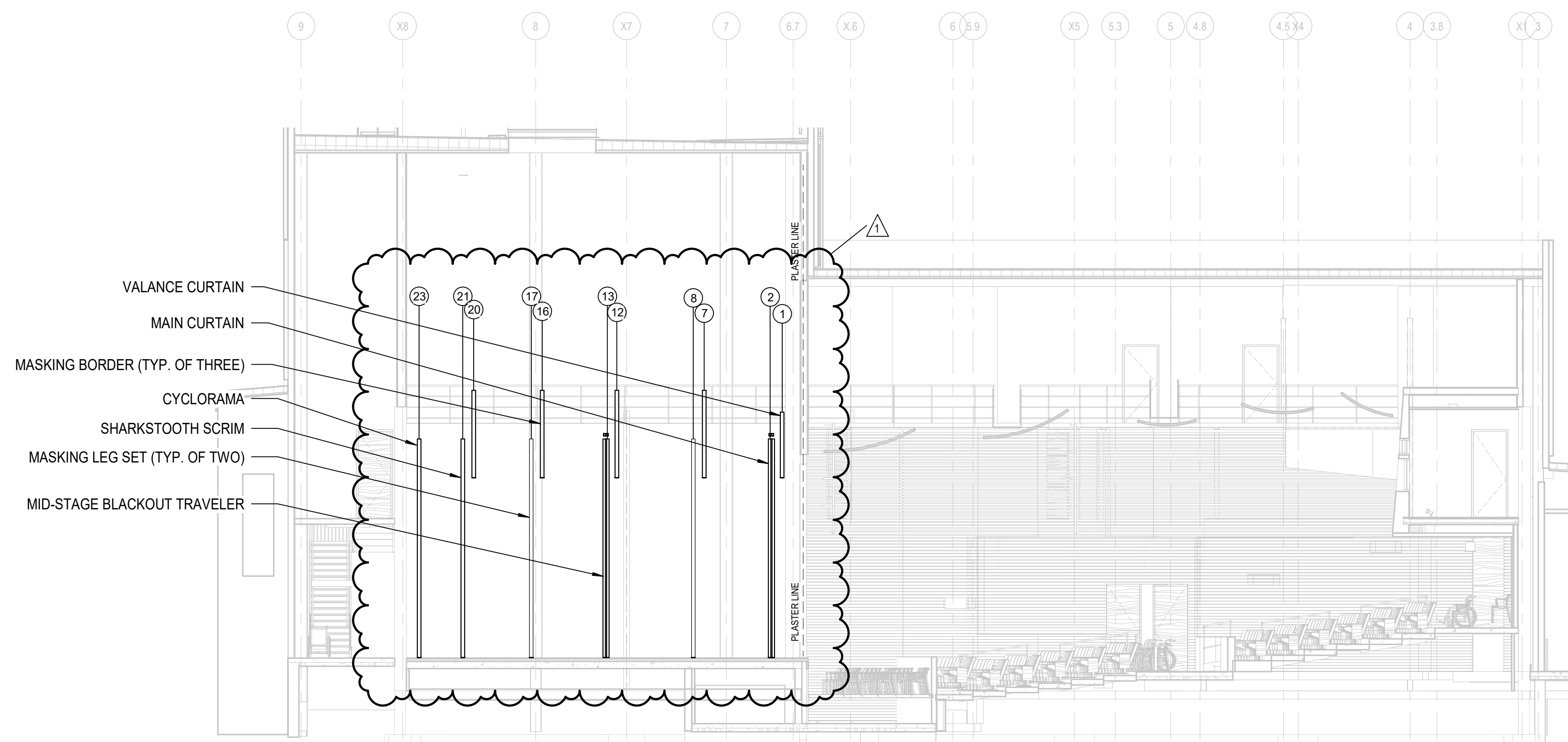
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AND PERMIT

Issue Date: 11/15/2019  
Revisions  
1 ADDENDUM 01 12/11/2019

56-18107-00

THEATRICAL  
DRAPERY  
SECTION

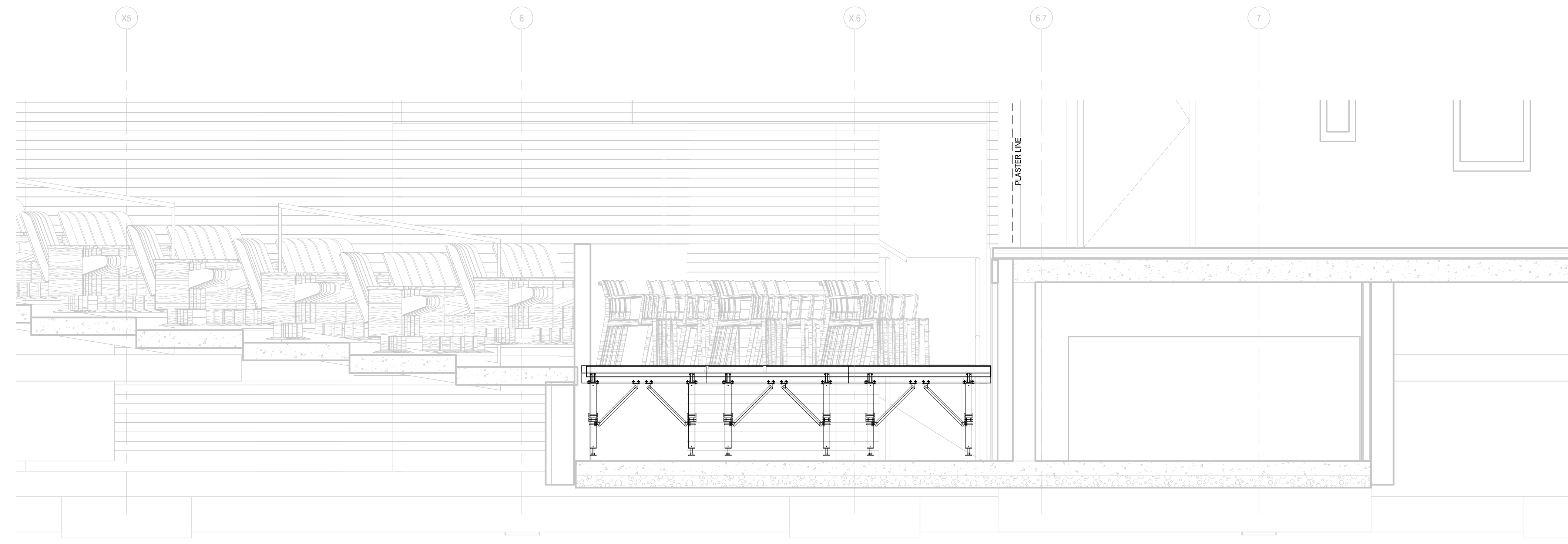
QT311



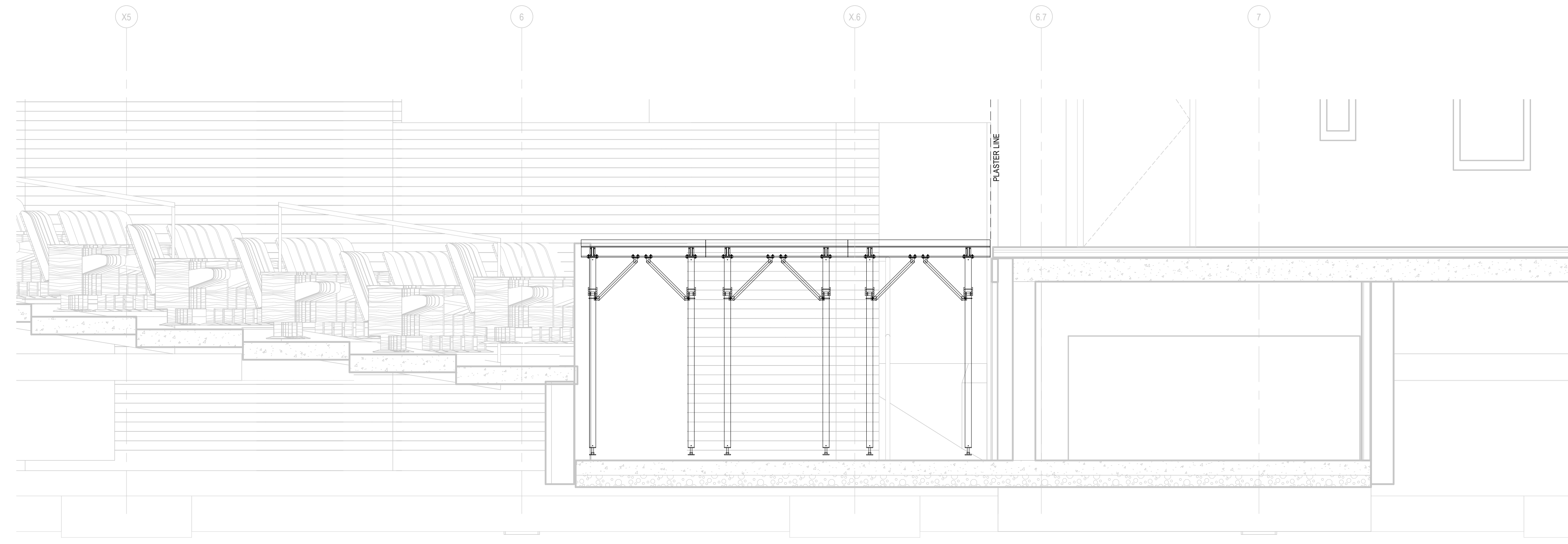
PROSCENIUM THEATRE LONGITUDINAL  
SECTION - DRAPERY

1/8" = 1'-0"

NOTE: PORTABLE PLATFORMS PROVIDED BY OWNER, SHEET INCLUDED FOR COORDINATION ONLY



PIT INFILL PLATFORMS - SEATING LEVEL  
1/2" = 1'-0"



PIT INFILL PLATFORMS - STAGE LEVEL  
1/2" = 1'-0"

NOT FOR  
CONSTRUCTION

ISSUED FOR BID  
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Issue Date: 11/15/2019  
Revisions  
1 ADDENDUM 01 12/11/2019



NOTE: ORCHESTRA SHELL PROVIDED BY OWNER. SHEET INCLUDED FOR COORDINATION ONLY.

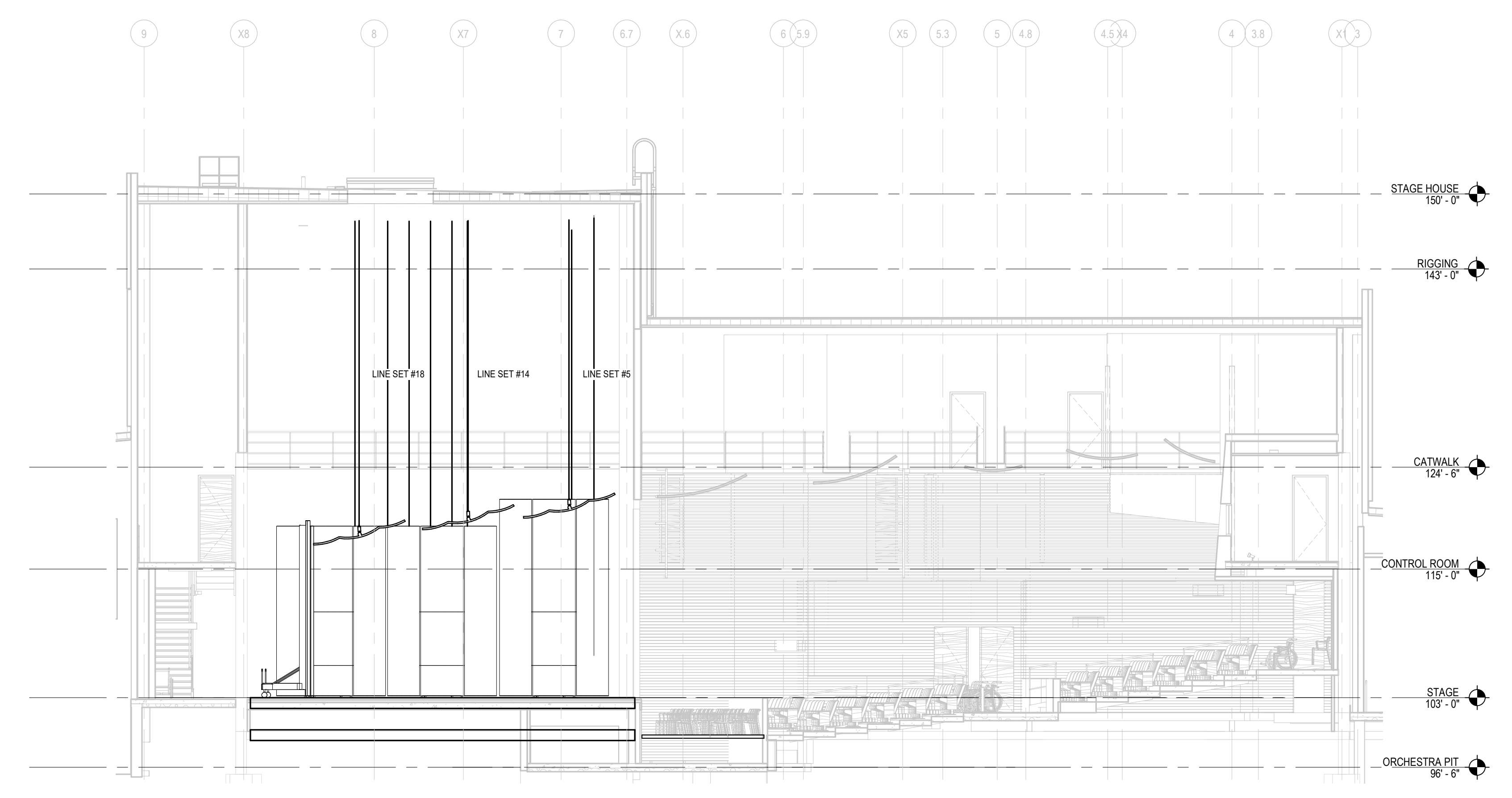
NOT FOR  
CONSTRUCTION

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687 MOSSER ROAD,  
MCHEERY, MD 21541

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56-18107-00  
ACOUSTIC SHELL  
LONGITUDINAL  
SECTION

QT361

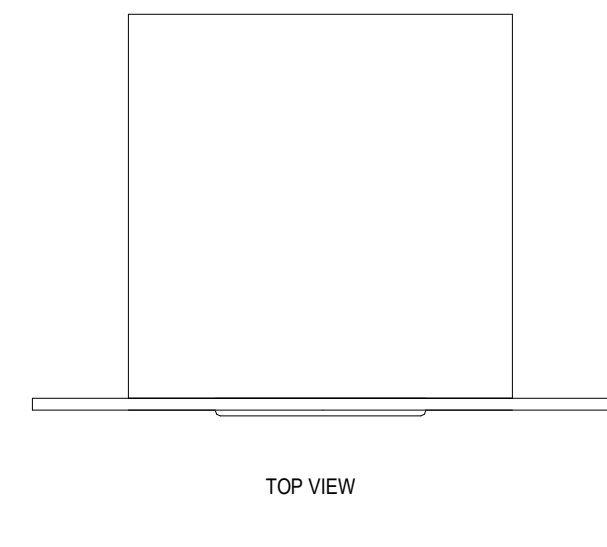
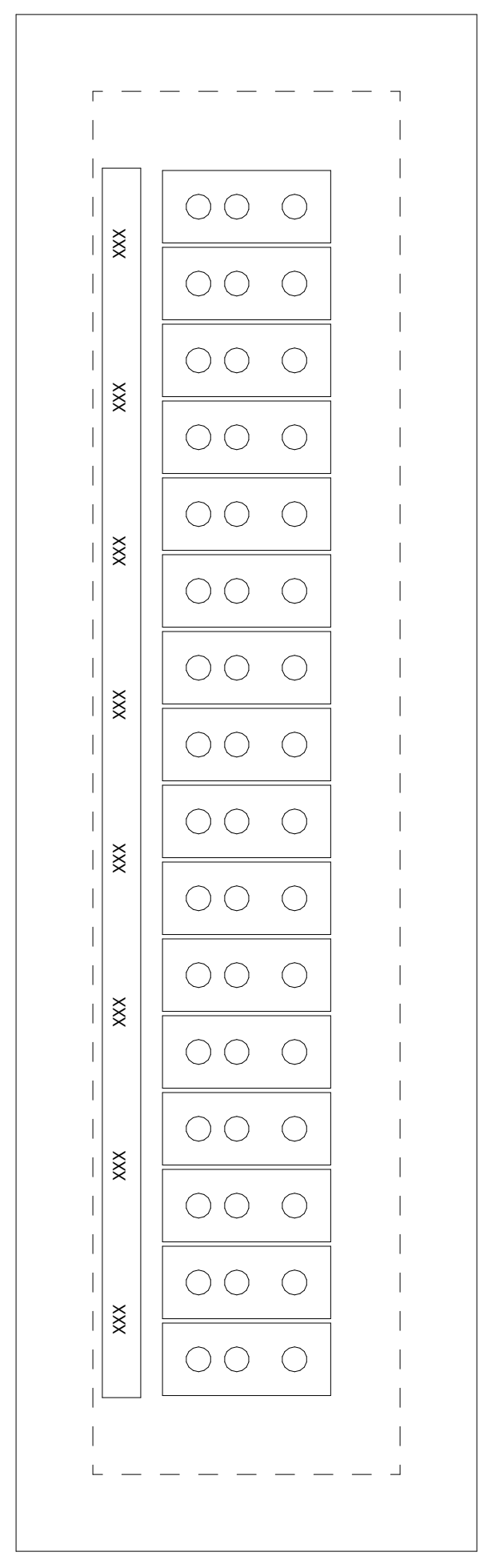


ACOUSTIC SHELL LONGITUDINAL SECTION  
1/8" = 1'-0"

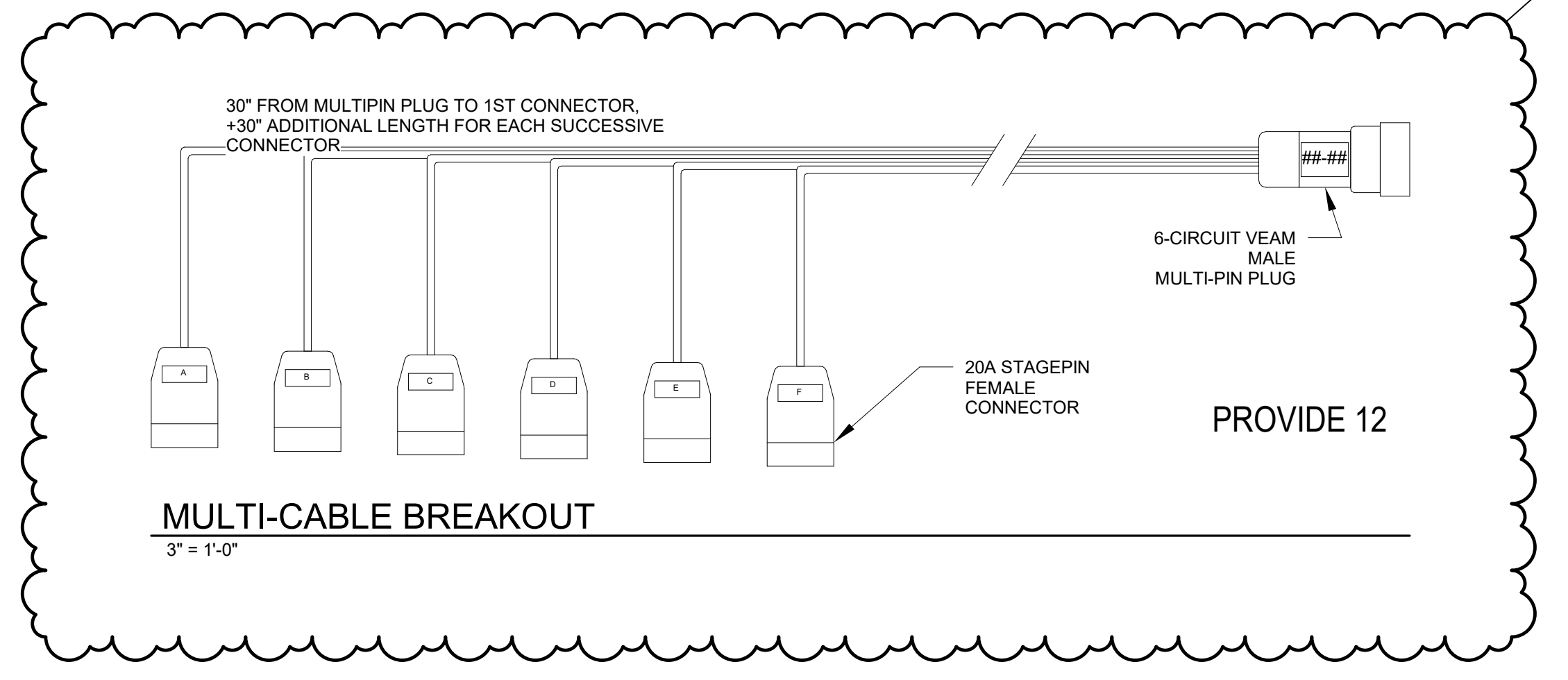
WIRING DEVICE SCHEDULE

KEY NOTES  
 1. ARCH = REFER COLOR FINISH SCHEDULE BY ARCH. MFR = COLOR PER MANUFACTURER.  
 2. THIS WIRING DEVICE CONTAINS CIRCUITS DOUBLED ELSEWHERE. REFER RELAY PANEL SCHEDULES AND/OR DIMMER RACK SCHEDULES FOR MORE INFORMATION.  
 3. THIS DEVICE CONTAINS A LOW-VOLTAGE PARTITION WITH CONTROL DEVICE(S) WITHIN. REFER WIRING DEVICE DETAILS.

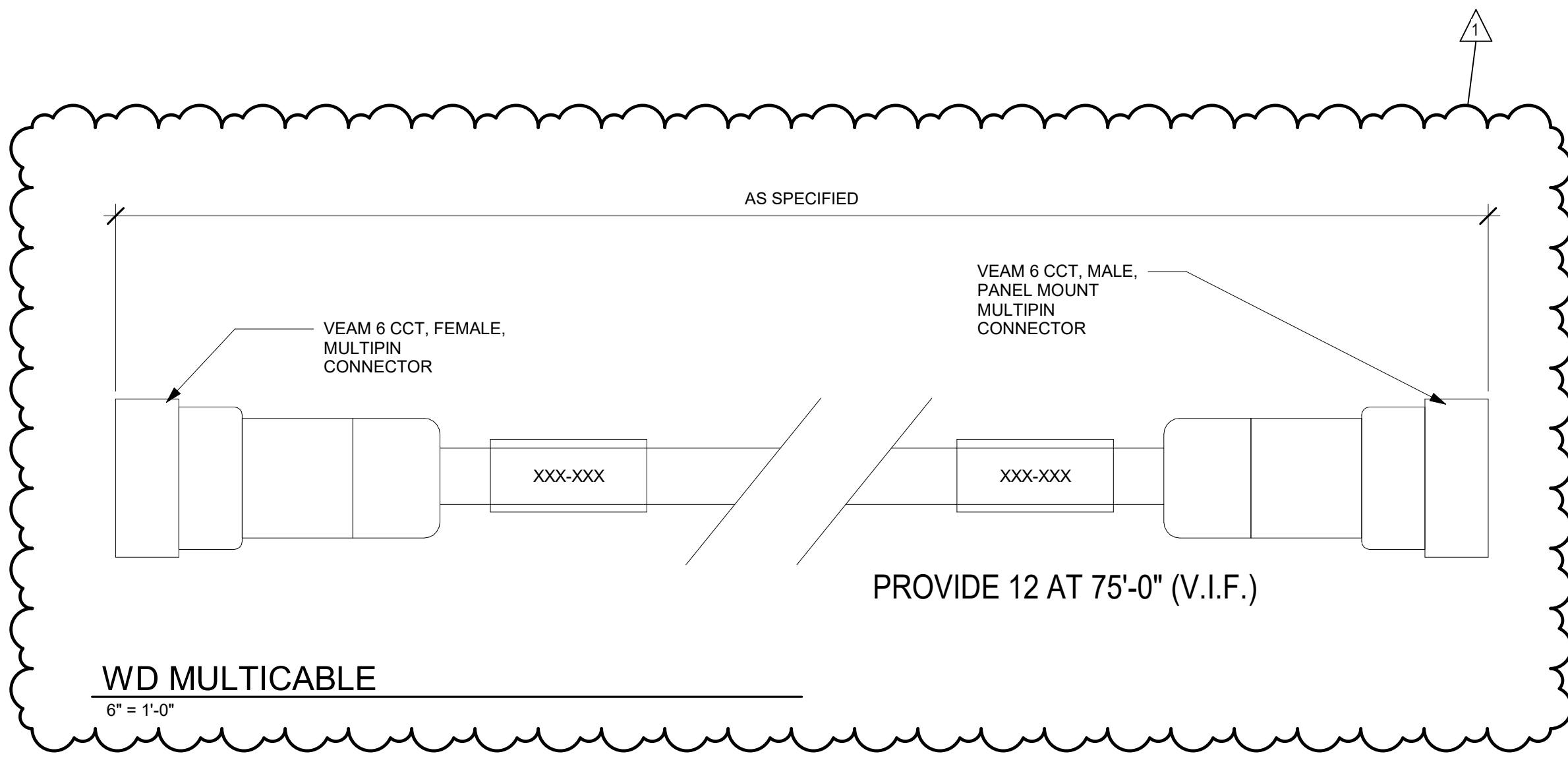
| DEVICE NO. | DEVICE TYPE | DEVICE DESCRIPTION AND MOUNTING | MOUNTING HEIGHT                  | LOCATION                         | COLOR | CIRCUIT QTY | FED FROM | CONDUIT AND FEEDER SIZE | KEY NOTES |
|------------|-------------|---------------------------------|----------------------------------|----------------------------------|-------|-------------|----------|-------------------------|-----------|
| WD-01      | W4F         | FLUSH-MOUNT, HORIZONTAL         | +24" A.F.F.                      | ORCHESTRA PIT                    | BLACK | 4-20A       |          | REFER ELECTRICAL        |           |
| WD-02      | W4F         | FLUSH-MOUNT, HORIZONTAL         | +24" A.F.F.                      | STAGE LEFT PROSCENIUM WALL       | BLACK | 4-20A       |          | REFER ELECTRICAL        |           |
| WD-03      | W4F         | FLUSH-MOUNT, HORIZONTAL         | +24" A.F.F.                      | STAGE RIGHT PROSCENIUM WALL      | BLACK | 4-20A       |          | REFER ELECTRICAL        |           |
| WD-04      | W4F         | FLUSH-MOUNT, HORIZONTAL         | +24" A.F.F.                      | UPSTAGE LEFT                     | BLACK | 4-20A       |          | REFER ELECTRICAL        |           |
| WD-05      | W4F         | FLUSH-MOUNT, HORIZONTAL         | +24" A.F.F.                      | UPSTAGE RIGHT                    | BLACK | 4-20A       |          | REFER ELECTRICAL        |           |
| WD-06      | W4F         | FLUSH-MOUNT, HORIZONTAL         | CONTROL BOOTH FRONT-BELOW WINDOW | CONTROL BOOTH FRONT-BELOW WINDOW | BLACK | 4-20A       |          | REFER ELECTRICAL        |           |
| WD-07      | W8FV        | FLUSH-MOUNT, VERTICAL           | +6'-0" A.F.F.                    | FAR BOX BOOM HR                  | BLACK | 8-20A       |          | REFER ELECTRICAL        |           |
| WD-08      | W8FV        | FLUSH-MOUNT, VERTICAL           | +6'-0" A.F.F.                    | FAR BOX BOOM HL                  | BLACK | 8-20A       |          | REFER ELECTRICAL        |           |
| WD-09      | W8FV        | FLUSH-MOUNT, VERTICAL           | +6'-0" A.F.F.                    | NEAR BOX BOOM HR                 | BLACK | 8-20A       |          | REFER ELECTRICAL        |           |
| WD-10      | W8FV        | FLUSH-MOUNT, VERTICAL           | +6'-0" A.F.F.                    | NEAR BOX BOOM HL                 | BLACK | 8-20A       |          | REFER ELECTRICAL        |           |
| WD-13      | W8P         | PIPE-MOUNT, HORIZONTAL          | +42" A.F.F.                      | SECOND CATWALK HR                | BLACK | 6-20A       |          | REFER ELECTRICAL        |           |
| WD-14      | W8P         | PIPE-MOUNT, HORIZONTAL          | +42" A.F.F.                      | SECOND CATWALK CENTER            | BLACK | 12-20A      |          | REFER ELECTRICAL        |           |
| WD-15      | W8P         | PIPE-MOUNT, HORIZONTAL          | +42" A.F.F.                      | SECOND CATWALK HL                | BLACK | 6-20A       |          | REFER ELECTRICAL        |           |
| WD-16      | W8P         | PIPE-MOUNT, HORIZONTAL          | +42" A.F.F.                      | FIRST CATWALK HR                 | BLACK | 6-20A       |          | REFER ELECTRICAL        |           |
| WD-17      | W8P         | PIPE-MOUNT, HORIZONTAL          | +42" A.F.F.                      | FIRST CATWALK CENTER             | BLACK | 12-20A      |          | REFER ELECTRICAL        |           |
| WD-18      | W8P         | PIPE-MOUNT, HORIZONTAL          | +42" A.F.F.                      | FIRST CATWALK HL                 | BLACK | 6-20A       |          | REFER ELECTRICAL        |           |
| WD-19      | WD3         | PIPE-MOUNT, HORIZONTAL          | PIPE-MOUNT AS SHOWN              | SL GALLERY 1                     | BLACK | 18-20A      |          | REFER ELECTRICAL        |           |
| WD-20      | WD3         | PIPE-MOUNT, HORIZONTAL          | PIPE-MOUNT AS SHOWN              | SL GALLERY 2                     | BLACK | 18-20A      |          | REFER ELECTRICAL        |           |
| WD-21      | WD3         | PIPE-MOUNT, HORIZONTAL          | PIPE-MOUNT AS SHOWN              | SL GALLERY 3                     | BLACK | 18-20A      |          | REFER ELECTRICAL        |           |
| WD-22      | WD3         | PIPE-MOUNT, HORIZONTAL          | PIPE-MOUNT AS SHOWN              | SL GALLERY 4                     | BLACK | 18-20A      |          | REFER ELECTRICAL        |           |
| WD-MPR01   | W2F         | FLUSH-MOUNT, HORIZONTAL         | +24" A.F.F.                      | MPR SOUTH WALL                   |       | 2-20A       |          | REFER ELECTRICAL        |           |
| WD-MPR02   | W2F         | FLUSH-MOUNT, HORIZONTAL         | +24" A.F.F.                      | MPR SOUTH WALL                   |       | 2-20A       |          | REFER ELECTRICAL        |           |
| WD-MPR03   | W2F         | FLUSH-MOUNT, HORIZONTAL         | +24" A.F.F.                      | MPR WEST WALL                    |       | 2-20A       |          | REFER ELECTRICAL        |           |
| WD-MPR04   | W2F         | FLUSH-MOUNT, HORIZONTAL         | +24" A.F.F.                      | MPR EAST WALL                    |       | 2-20A       |          | REFER ELECTRICAL        |           |
| WD-MPR05   | W2F         | FLUSH-MOUNT, HORIZONTAL         | +24" A.F.F.                      | MPR WEST WALL                    |       | 2-20A       |          | REFER ELECTRICAL        |           |
| WD-MPR06   | W2F         | FLUSH-MOUNT, HORIZONTAL         | +24" A.F.F.                      | MPR EAST WALL                    |       | 2-20A       |          | REFER ELECTRICAL        |           |
| WD-MPR07   | W2P         | PIPE-MOUNT, HORIZONTAL          | PIPE-MOUNT AS SHOWN              | MPR PIPE GRID                    |       | 2-20A       |          | REFER ELECTRICAL        |           |
| WD-MPR08   | W2P         | PIPE-MOUNT, HORIZONTAL          | PIPE-MOUNT AS SHOWN              | MPR PIPE GRID                    |       | 2-20A       |          | REFER ELECTRICAL        |           |
| WD-MPR09   | W2P         | PIPE-MOUNT, HORIZONTAL          | PIPE-MOUNT AS SHOWN              | MPR PIPE GRID                    |       | 2-20A       |          | REFER ELECTRICAL        |           |
| WD-MPR10   | W2P         | PIPE-MOUNT, HORIZONTAL          | PIPE-MOUNT AS SHOWN              | MPR PIPE GRID                    |       | 2-20A       |          | REFER ELECTRICAL        |           |
| WD-MPR11   | W2P         | PIPE-MOUNT, HORIZONTAL          | PIPE-MOUNT AS SHOWN              | MPR PIPE GRID                    |       | 2-20A       |          | REFER ELECTRICAL        |           |
| WD-MPR12   | W2P         | PIPE-MOUNT, HORIZONTAL          | PIPE-MOUNT AS SHOWN              | MPR PIPE GRID                    |       | 2-20A       |          | REFER ELECTRICAL        |           |
| WD-MPR13   | W2P         | PIPE-MOUNT, HORIZONTAL          | PIPE-MOUNT AS SHOWN              | MPR PIPE GRID                    |       | 2-20A       |          | REFER ELECTRICAL        |           |
| WD-MPR14   | W2P         | PIPE-MOUNT, HORIZONTAL          | PIPE-MOUNT AS SHOWN              | MPR PIPE GRID                    |       | 2-20A       |          | REFER ELECTRICAL        |           |
| WD-MPR15   | W2P         | PIPE-MOUNT, HORIZONTAL          | PIPE-MOUNT AS SHOWN              | MPR PIPE GRID                    |       | 2-20A       |          | REFER ELECTRICAL        |           |
| WD-MPR16   | W2P         | PIPE-MOUNT, HORIZONTAL          | PIPE-MOUNT AS SHOWN              | MPR PIPE GRID                    |       | 2-20A       |          | REFER ELECTRICAL        |           |
| WD-MPR17   | W2P         | PIPE-MOUNT, HORIZONTAL          | PIPE-MOUNT AS SHOWN              | MPR PIPE GRID                    |       | 2-20A       |          | REFER ELECTRICAL        |           |
| WD-MPR18   | W2P         | PIPE-MOUNT, HORIZONTAL          | PIPE-MOUNT AS SHOWN              | MPR PIPE GRID                    |       | 2-20A       |          | REFER ELECTRICAL        |           |
| WD-MPR19   | W2P         | PIPE-MOUNT, HORIZONTAL          | PIPE-MOUNT AS SHOWN              | MPR PIPE GRID                    |       | 2-20A       |          | REFER ELECTRICAL        |           |
| WD-MPR20   | W2P         | PIPE-MOUNT, HORIZONTAL          | PIPE-MOUNT AS SHOWN              | MPR PIPE GRID                    |       | 2-20A       |          | REFER ELECTRICAL        |           |
| WD-MPR21   | W2P         | PIPE-MOUNT, HORIZONTAL          | PIPE-MOUNT AS SHOWN              | MPR PIPE GRID                    |       | 2-20A       |          | REFER ELECTRICAL        |           |
| WD-MPR22   | W2P         | PIPE-MOUNT, HORIZONTAL          | PIPE-MOUNT AS SHOWN              | MPR PIPE GRID                    |       | 2-20A       |          | REFER ELECTRICAL        |           |
| WD-MPR23   | W2P         | PIPE-MOUNT, HORIZONTAL          | PIPE-MOUNT AS SHOWN              | MPR PIPE GRID                    |       | 2-20A       |          | REFER ELECTRICAL        |           |
| WD-MPR24   | W2P         | PIPE-MOUNT, HORIZONTAL          | PIPE-MOUNT AS SHOWN              | MPR PIPE GRID                    |       | 2-20A       |          | REFER ELECTRICAL        |           |



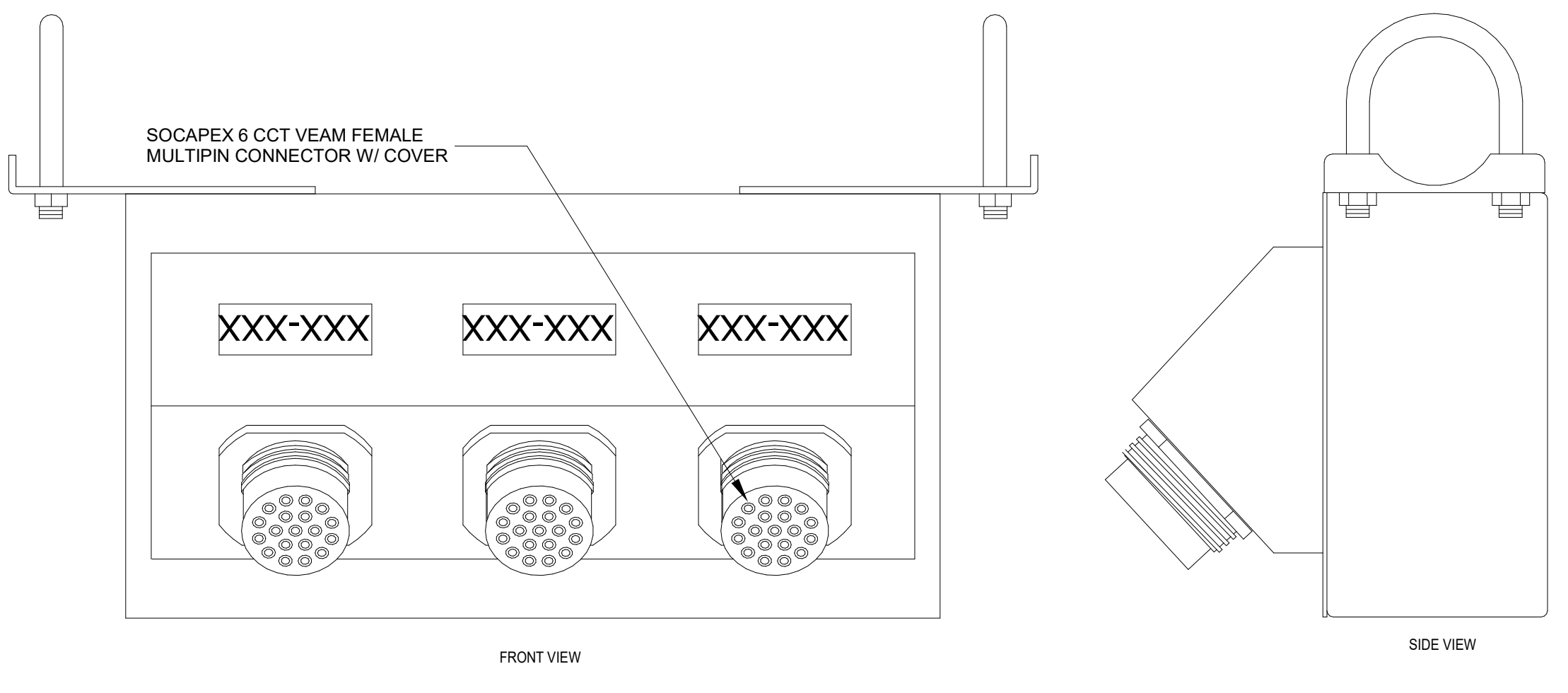
WD8FV - EIGHT CIRCUIT FLUSH-MOUNT, VERTICAL  
6" = 1'-0"



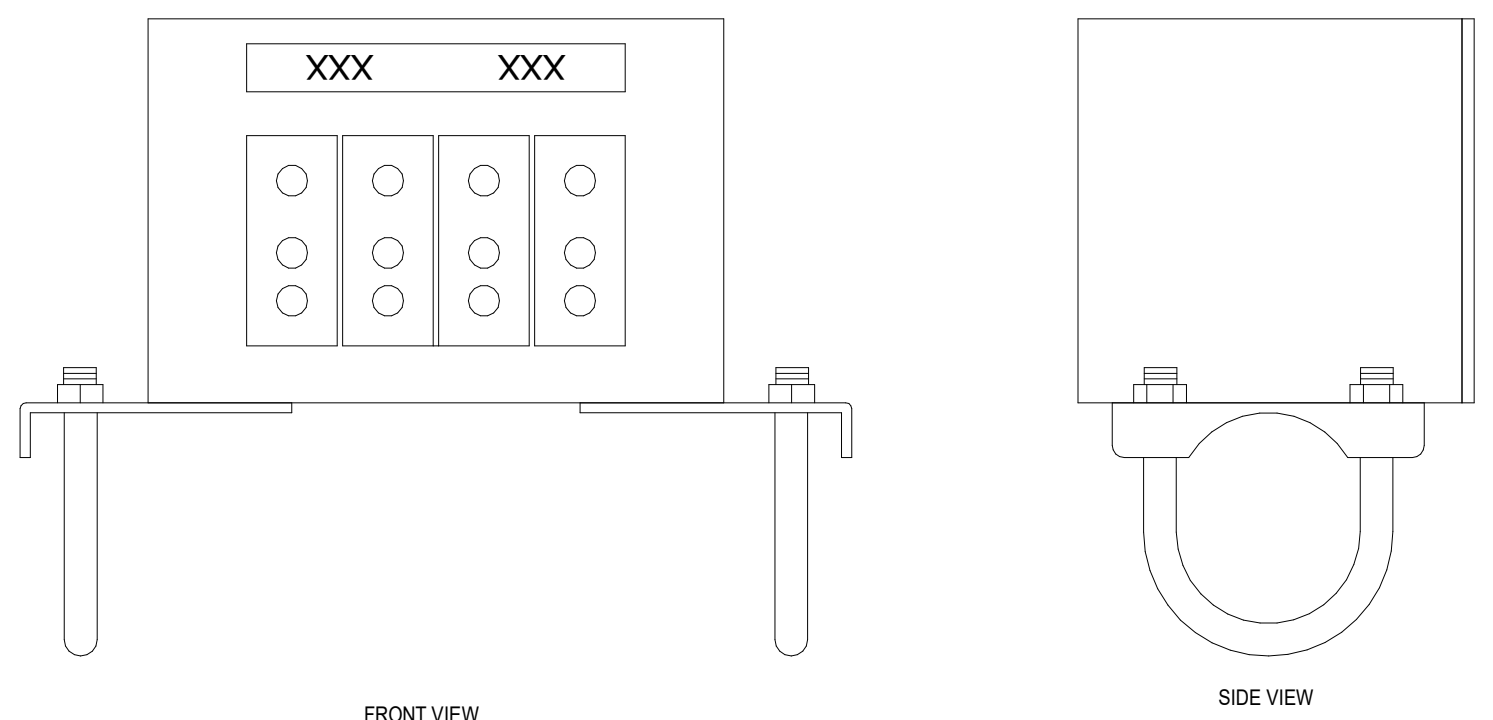
MULTI-CABLE BREAKOUT  
3" = 1'-0"



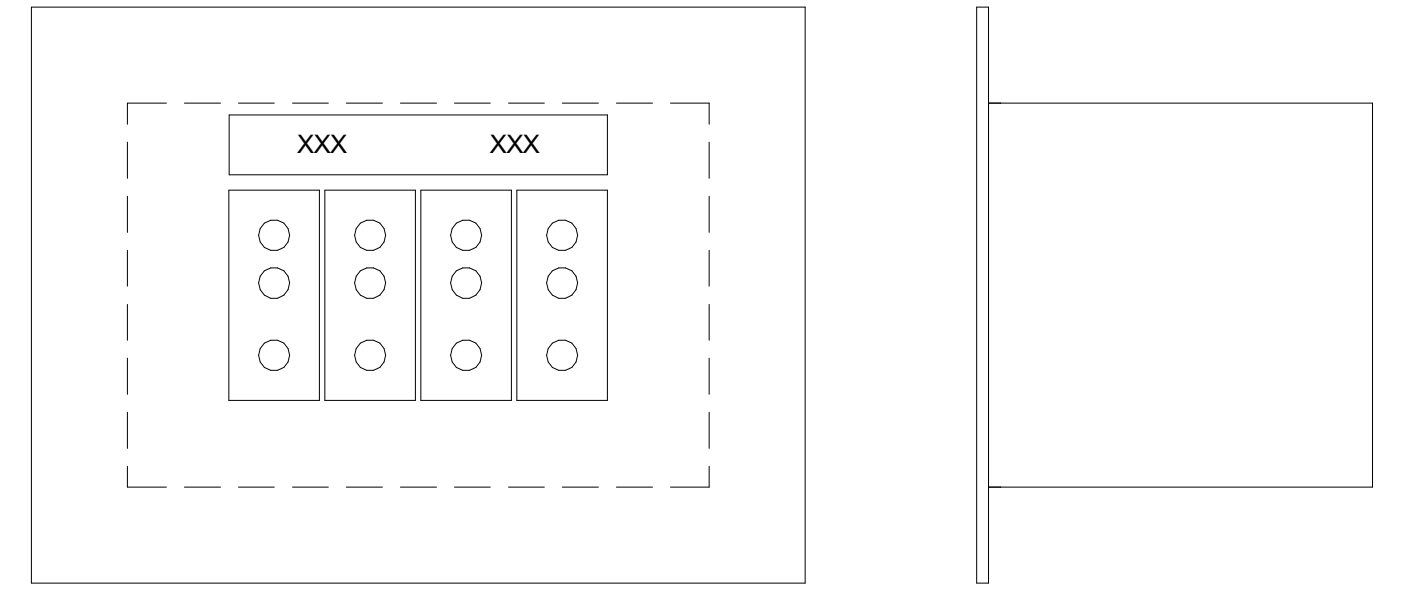
WD MULTICABLE  
6" = 1'-0"



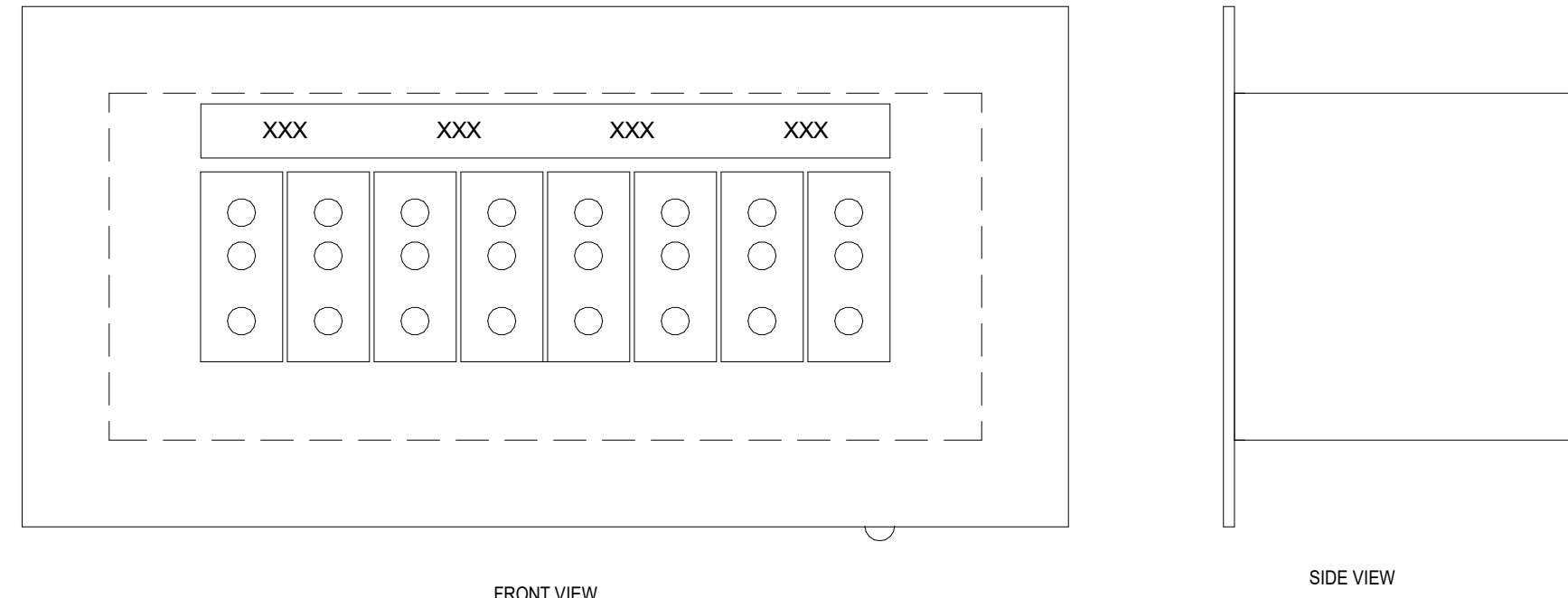
WD3 - SOCA 3 PIPE - ANGLED  
6" = 1'-0"



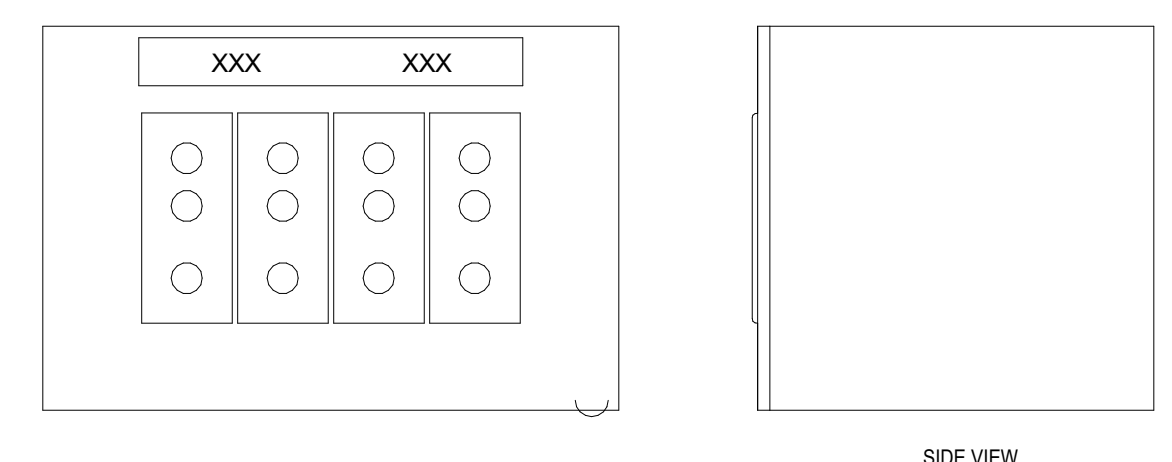
W2P - TWO CIRCUIT PIPE-MOUNT  
6" = 1'-0"



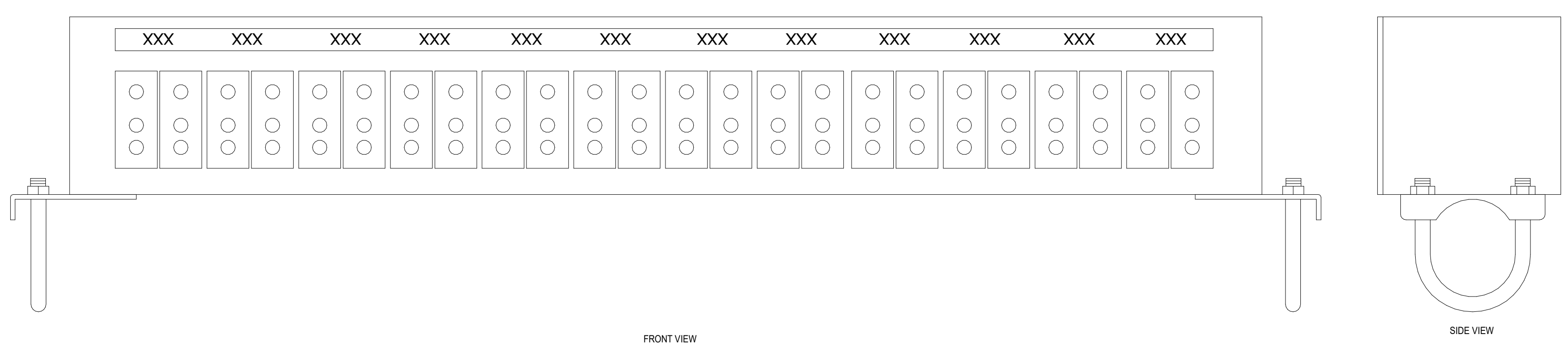
W2F - TWO CIRCUIT FLUSH-MOUNT  
6" = 1'-0"



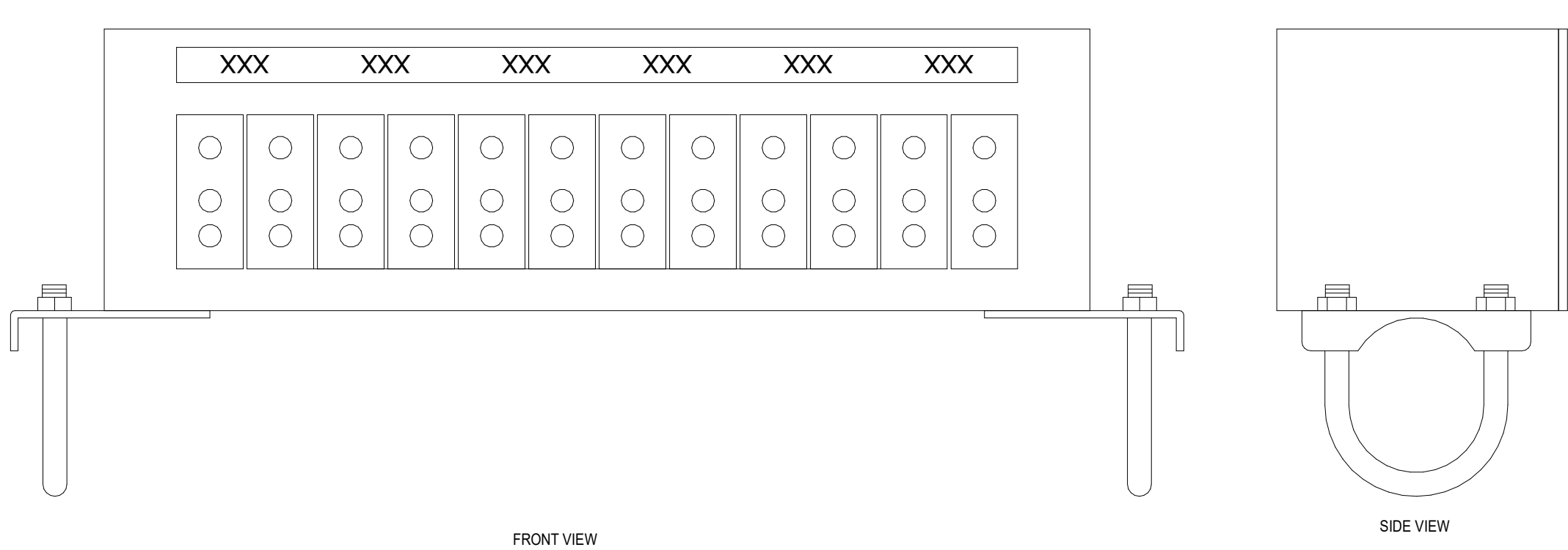
W4F - FOUR CIRCUIT FLUSH-MOUNT  
6" = 1'-0"



W2S - TWO CIRCUIT SURFACE-MOUNT  
6" = 1'-0"



W12P - TWELVE CIRCUIT PIPE-MOUNT  
6" = 1'-0"



W6P - SIX CIRCUIT PIPE-MOUNT  
6" = 1'-0"