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GRAPHIC LEGEND

| | | | |
|--|--|--|---|
| NORTH ARROW TRUE NORTH PLAN NORTH | MAIN EGRESS OCCUPANT LOAD | ROOM EGRESS OCCUPANT LOAD | PROPERTY LINE TAG N 90° 00' 00" E Distance |
| DOOR SYMBOL | WINDOW SYMBOL | NOTE SYMBOL | CEILING TAG CH: 10' - 0" |
| REVISION SYMBOL | TOILET ACCESSORY | DETAIL ITEM | |
| ROOM IDENTIFICATION Room name ROOM NO. 101 150 SF ROOM NAME AREA | SECTION CUT SECTION NO. REF. SHEET | BUILDING SECTION CUT SECTION NO. REF. SHEET | WALL SECTION CUT SECTION NO. REF. SHEET |
| PARTITION TYPES FIRE RATING STUD SIZE SOUND ATTENUATION PARTITION TYPE | STRUCTURAL GRID IDENTIFICATION GRID NUMBER / LETTER GRID LINE | DETAIL SECTION CUT SECTION NO. REF. SHEET | ELEVATION SYMBOL ELEVATION NO.'S |
| SPOT ELEVATION SYMBOL (PLAN) 0.00' ELEVATION | VERTICAL ELEVATION SYMBOL (SECTION) LEVEL NAME 0' - 0" | INTERIOR ELEVATION ELEVATION NO. | EXTERIOR ELEVATION ELEVATION NO. |
| DRAWING TITLE DRAWING NUMBER DWG TITLE SCALE SHEET NO. ON WHICH THIS SECTION OR DETAIL IS DRAWN | DETAIL REFERENCE DRAWING NUMBER REFERENCE SHEET | STOREFRONT ELEVATION ELEVATION NO. | |



SHEET INDEX

| | | |
|--|---------------------------------------|---|
| GENERAL SHEETS | S302 SECTIONS | A410 WALL SECTIONS |
| G001 COVER | S401 BRACING ELEVATIONS | A411 WALL SECTIONS |
| G002 INFORMATION SHEET | S402 BRACING ELEVATIONS | A412 WALL SECTIONS |
| G003 ADA DIAGRAMS | S403 PERFORATED SCREEN ELEVATIONS | A413 WALL SECTIONS |
| G004 LIFE SAFETY | | A414 WALL SECTIONS |
| G005 SITE SURVEY / EXISTING PRE-SURCHARGE | LANDSCAPE | A420 ENLARGED SECTION DETAILS |
| G006 SITE SURVEY / EXISTING PRE-SURCHARGE | L100 PLANTING PLAN | A421 ENLARGED SECTION DETAILS |
| G007 SURCHARGE PLAN & ELEVATIONS | L110 GRADING PLAN | A422 ENLARGED SECTION DETAILS |
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| C101 PAVING AND DRAINAGE DETAILS | A102 ENLARGED SITE PLANS | A600 FINISH SCHEDULE / LEGEND / INFORMATION |
| C102 PAVING & DRAINAGE DETAILS | A103 ENLARGED SITE PLANS | A601 FLOOR FINISH PLAN |
| C103 CONFLICT BOX DETAILS | A104 ENLARGED SITE PLANS | A602 CARPET TILE LAYOUT PLAN |
| SD-1 ST. BERNARD PARISH GOV. STANDARD DETAILS | A110 FLOOR PLAN | A610 FINISH / CASEWORK / MILLWORK DETAILS |
| SD-2 ST. BERNARD PARISH GOV. STANDARD DETAILS | A111 DOOR & WINDOW SCHEDULES | |
| SD-3 ST. BERNARD PARISH GOV. STANDARD DETAILS | A112 DOOR DETAILS | MECHANICAL |
| SD-4 ST. BERNARD PARISH GOV. STANDARD DETAILS | A120 REFLECTED CEILING PLAN | M101 CHILLER PAD AND CW PLUMBING PLAN |
| SD-5 ST. BERNARD PARISH GOV. STANDARD DETAILS | A121 CEILING DETAILS | M102 OVERALL FLOOR PLAN - HVAC |
| SD-6 ST. BERNARD PARISH GOV. STANDARD DETAILS | A122 ENLARGED REFLECTED CEILING PLANS | M103 ENLARGED PARTIAL FLOOR PLAN - AREA A |
| SD-7 ST. BERNARD PARISH GOV. STANDARD DETAILS | A130 ENLARGED PLANS / DETAILS | M104 ENLARGED PARTIAL FLOOR PLAN - AREA B |
| SD-8 ST. BERNARD PARISH GOV. STANDARD DETAILS | A131 ENLARGED PLANS / DETAILS | M105 ENLARGED PARTIAL FLOOR PLAN - AREA C |
| SD-9 NOT USED | A150 WALL TYPES | M106 ENLARGED PARTIAL FLOOR PLAN - AREA D |
| SD-10 ST. BERNARD PARISH GOV. STANDARD DETAILS | A200 DOOR & WINDOW SCHEDULE & TYPES | M201 HVAC DETAILS |
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| SD-12 ST. BERNARD PARISH GOV. STANDARD DETAILS | A211 DOOR DETAILS | |
| SD-13 NOT USED | A220 CURTAIN WALL OPENING ELEVATIONS | ELECTRICAL |
| SD-14 ST. BERNARD PARISH GOV. STANDARD DETAILS | A221 CURTAIN WALL OPENING ELEVATIONS | E100 SITE PLAN - ELECTRICAL |
| SD-15 ST. BERNARD PARISH GOV. STANDARD DETAILS | A222 STOREFRONT OPENING ELEVATIONS | E101 FLOOR PLAN - LIGHTING |
| SD-16 ST. BERNARD PARISH GOV. STANDARD DETAILS | | E201 FLOOR PLAN - POWER & SPECIAL SYSTEMS |
| | | E202 FLOOR PLAN - MECH. EQUIP. POWER |
| STRUCTURAL | | E301 ELECTRICAL SCHEMATIC DIAGRAMS |
| S001 GENERAL NOTES AND TYPICAL DETAILS | A301 LOW ROOF PLAN | E302 ELECTRICAL SCHEDULES |
| S002 CONCRETE AND CMU TYPICAL DETAILS | A310 ROOF DETAILS | E303 ELECTRICAL SCHEDULES |
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| | A400 BUILDING SECTIONS | |
| | A401 BUILDING SECTIONS | |

TYPICAL HATCH PATTERNS

| | | | |
|--|------------------------------------|--|---------------------------------|
| | GYPSUM BOARD / PLASTER | | PLYWOOD (SECTION VIEW) |
| | 2x2 ACOUSTIC CEILING | | RIGID INSULATION (SECTION VIEW) |
| | 2x4 ACOUSTIC CEILING | | BRICK (SECTION VIEW) |
| | CONCRETE | | BRICK (ELEVATION) |
| | EARTH | | CONCRETE BLOCK (ELEVATION) |
| | GRASS / LANDSCAPING | | CONCRETE BLOCK (SECTION VIEW) |
| | FINISHED WOOD | | STEEL (SECTION VIEW) |
| | BATT INSULATION | | ALUMINUM (SECTION VIEW) |
| | CORRUGATED METAL PANEL (ELEVATION) | | WOOD BLOCKING (SECTION VIEW) |

ARCHITECTURAL ABBREVIATIONS

| | | | | | |
|-------|----------------------------|-------|---------------------------|---------|--------------------------|
| AC | AIR CONDITIONING | EXP | EXPANSION | PL | PLATE |
| ABV | ABOVE | EXT | EXTERIOR | PLAM | PLASTIC LAMINATE |
| ACOUS | ACOUSTICAL | FD | FLOOR DRAIN | PLAS | PLASTER |
| ACT | ACOUSTICAL CEILING TILE | FE | FIRE EXTINGUISHER CABINET | PLYWD | PLYWOOD |
| AD | AREA DRAIN | FHC | FIRE HOSE CABINET | PS | PROJECTION SCREEN |
| AF | ABOVE FINISH FLOOR | FIN | FINISHED | PTD | PAINTED |
| ALT | ALTERNATE | FL | FLOOR | PTN | PARTITION |
| ALUM | ALUMINUM | FM | FLOOR MAT | R | RISER |
| ANOD | ANODIZED | FR | FRAME | RIA | RETURN AIR |
| AP | ACCESS PANEL | FTM | FUTURE TV MONITOR | RD | ROOF DRAIN |
| APPRX | APPROXIMATE | FURR | FURRED | RE, REF | REFERENCE |
| AVC | AUDIO VISUAL CONSOLE | FV | FIELD VERIFY | REIN | REINFORCEMENT |
| BD | BOARD | GA | GAGE/GAUGE | REQD | REQUIRED |
| BLDG | BUILDING | GALV | GALVANIZED | RM | ROOM |
| BLKG | BLOCKING | GC | GENERAL CONTRACTOR | RTU | ROOFTOP UNIT |
| BM | BEAM | GL | GLASS | SCHED | SCHEDULE(D) |
| BRG | BEARING | GR | GROUND ROD ACCESS BOX | SF | SAND FINISH |
| BRJ | BRICK RELIEF JOINT | GS | GLAZED CERAMIC TILE | SHLV | SHELVES |
| BRZ | BRONZE | GW | GYPSUM WALL BOARD | SHT | SHEET |
| BYO | BY OWNER | GYP | GYPSUM | SIM | SIMILAR |
| CAB | CABINET | HC | HANDICAP | SK | SINK |
| CB | CATCH BASIN | HDW | HARDWARE | SM | SMOOTH |
| CEM | CEMENT | HM | HOLLOW METAL | SPEC | SPECIFICATIONS/SPECIFIED |
| CR | CERAMIC | HORIZ | HORIZONTAL | SQ | SQUARE |
| CHBD | CHALKBOARD | HP | HIGH POINT | SS | SERVICE SINK |
| CJ | CASED JOINT | HT | HEIGHT | ST STL | STAINLESS STEEL |
| CL | CENTER LINE | ID | INSIDE DIMENSION | STD | STANDARD |
| CLG | CEILING | INSUL | INSULATION | STL | STEEL |
| CLO | CLOSET | INT | INTERIOR | STOR | STORAGE |
| CMU | CONCRETE MASONRY UNIT | INV | INVERT | STRUCT | STRUCTURE/STRUCTURAL |
| CO | CASED OPENING | JAN | JANITOR | SUSP | SUSPENDED |
| COL | COLUMN | JT | JOINT | TREAD | TREAD |
| CONC | CONCRETE | LAM | LAMINATED | TA | TOILET ACCESSORY |
| CONT | CONTINUOUS | LAV | LAVATORY | TB | TACKBOARD |
| CONTR | CONTRACTOR | LP | LOW POINT | TC | TOP OF CURB |
| COV | CARPET | MAX | MAXIMUM | TEMP | TEMPERED |
| CT | CARPET TILE | MB | MARKER BOARD | THK | THICK |
| DET | DETAIL | MECH | MECHANICAL | TKBD | TACKBOARD |
| DF | DRYWALL FURRING | MFR | MANUFACTURER | TRANS | TRANSPARENT |
| DIA | DIAMETER | MIN | MINIMUM | TVM | TV MONITOR |
| DM | DIMENSION | MIR | MIRROR | TVP | TV PROJECTOR |
| DN | DOWN | MISC | MISCELLANEOUS | TYP | TYPICAL |
| DR | DRYWALL PARTITION | ML | MODULE LINE/METAL LATH | U | URNAL |
| DP | DOOR | MO | MASONRY OPENING | UN.O. | UNLESS NOTED OTHERWISE |
| DS | DOWNSPOUT | MOD | MODULE/MODULAR | UNFIN | UNFINISHED |
| EA | EACH | MONO | MONOLITHIC | UV | UNDERFLOOR VENT |
| EAV | ELECTRICAL-AUDIOVISUAL | MSP | MASONRY PARTITION | VC | VALVE CABINET |
| EDF | ELECTRIC DRINKING FOUNTAIN | MT | METAL THRESHOLD | VERT | VERTICAL |
| EJ | EXPANSION JOINT | MTL | METAL | VIN | VINYL |
| EQ | ELEVATION | MWP | MEMBRANE WATERPROOFING | VP | VISION PANEL |
| ELEC | ELECTRICAL | NIC | NOT IN CONTRACT | WI | WITH |
| ELEV | ELEVATOR OR ELEVATION | NTS | NOT TO SCALE | W/O | WITHOUT |
| EP | ELECTRICAL PANEL | OC | ON TOP OF, OVER | WC | WATER CLOSET |
| EQIP | EQUIPMENT | OD | ON CENTER | WD | WOOD |
| EXIST | EXISTING | OO | OUTSIDE DIAMETER | WDW | WINDOW |
| | | OPNG | OPENING | WOJ | WORK OUT ON JOB |
| | | OPP | OPPOSITE | WRF | WATERPROOFING |
| | | OV | OVERHEAD | WVF | WELDED WIRE FABRIC |

PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF A SINGLE STORY 26,230 SF LIBRARY FACILITY WITH A FINISH FLOOR HEIGHT OF +2'-0" (NAV) TO SERVE AS THE KNOWLEDGE CENTER AND INFORMATION REPOSITORY HUB FOR TECH PARISHIONERS OF ST. BERNARD PARISH. THIS FACILITY WILL REPLACE SEVERAL SMALLER FUNCTIONING LIBRARIES IN THE AREA.

THE FACILITY IS ORIENTED ON THE SITE TO PROMOTE NATURAL DAYLIGHT. LARGE GLAZED WALLS TAKE FULL ADVANTAGE OF INDIRECT NORTHERN SUNLIGHT. AMPLE PATRON PARKING IS PROVIDED WITH A SEPARATE DRIVE FOR THE AFTER HOURS BOOK DROP AND SEPARATE EMPLOYEE PARKING.

THE NEW PARISH LIBRARY FACILITY WILL HOUSE ALL THE CURRENT PARISH LIBRARY COLLECTIONS, AS WELL AS PROVIDE SEVERAL LARGE AND SMALL MEETING AREAS FOR PARISHIONERS. IN ADDITION TO THE LARGE MEETING ROOM ABLE TO SEAT 120+, A SEPARATE MULTI-PURPOSE AREA WILL BE AVAILABLE FOR VARIOUS FUNCTIONS AND ACTIVITIES. BOTH OF THESE AREAS ARE INTENDED TO BE AVAILABLE FOR AFTER HOURS USAGE.

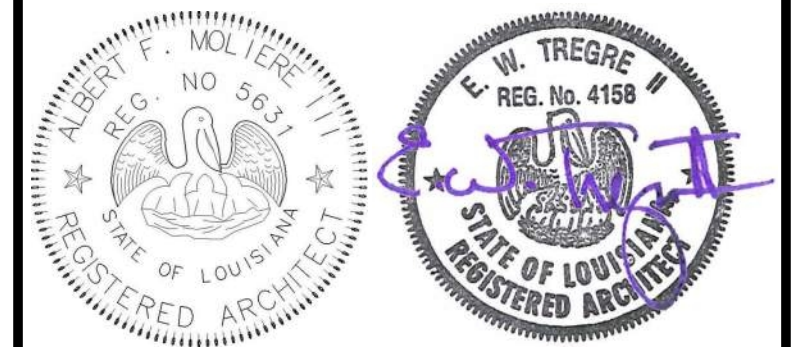
THE LIBRARY WILL INCLUDE A CHILDREN'S COLLECTION SECTION WITH A DEDICATED CHILD PROGRAMMING ROOM TO BE USED FOR THE VARIOUS CHILDREN ORIENTED ACTIVITIES AND SERVICES, AND SEPARATE TEEN AND ADULT SECTIONS WITH BOTH INDIVIDUAL AND GROUP STUDY ROOMS.

COORDINATION NOTES

- IN THE EVENT A CONSTRUCTION DRAWING CONTAINS AN ITEM OR ITEMS REFERENCING ANOTHER DISCIPLINE'S DRAWINGS, SUCH AS "REFER TO STRUCTURAL" OR "SEE CIVIL", THE CONTRACTOR SHALL HAVE ALLOWED FOR THE PROVISION OF THAT ITEM WHETHER SHOWN OR INDICATED IN THE OTHER DISCIPLINE OR NOT.
 - THIS SHALL APPLY BOTH TO ARCHITECTURAL DRAWINGS REFERENCING OTHER DISCIPLINES (LANDSCAPE, CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, ETC.) AND DRAWINGS OF OTHER DISCIPLINES REFERENCING ARCHITECTURAL DRAWINGS.
 - IN THE EVENT THE ITEM REFERENCING OTHER DISCIPLINES IS DRAWN BUT NOT SPECIFICALLY NOTED THERE OR ELSEWHERE, THE CONTRACTOR SHALL MAKE PROVISIONS OF THE ITEM BASED ON THE DRAWING INFORMATION AND DIMENSION TO SCALE, BUT ONLY TO THE EXTENT OTHER SPECIFIC INFORMATION IS NOT PROVIDED. ARCHITECTURAL DRAWINGS MAY SHOW MISCELLANEOUS STEEL USED FOR ARCHITECTURAL PURPOSES AND ARE NOT NECESSARILY SHOWN ON STRUCTURAL DRAWINGS.
- ALL ACCOMMODATIONS IN ADJACENT AND ACCESSORY WORK SHALL BE MADE TO PROVIDE FOR A COMPLETE INSTALLATION OF THE ITEM.
- IN CASE OF A DISCREPANCY WITH WORK OF OTHER DISCIPLINES, OR ONE DISCIPLINE TO ANOTHER, OR WITHIN THE WORK OF ANY DISCIPLINE, THE GREATER QUALITY OR QUANTITY OF WORK SHALL BE PROVIDED.

GENERAL NOTES

- ALL ELEVATIONS INDICATED ON THE CONSTRUCTION DRAWINGS ARE BASED UPON 100'-0" = 27.83' CAIRO DATUM.
- DIMENSIONS ON THE DRAWINGS ARE FROM FACE OF STUD, UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD PRIOR TO COMMENCING WORK. DO NOT SCALE THE DRAWINGS FOR DIMENSIONS. CONTRACTOR SHOULD TAKE DIGITAL PHOTOS OF ALL EXISTING CONDITIONS (BUILDINGS, METAL WALL PANELS, PIPE RACK, STREETS, CURBS, PAVING, DRIVEWAYS, SIDEWALKS, FENCE, GATES, TREES, ETC.) ANY DAMAGED EXISTING CONDITIONS TO REMAIN WILL REQUIRE WHOLESALE REPLACEMENT.
- THE CONTRACTOR SHALL COORDINATE ALL WORK PROCEDURES WITH THE REQUIREMENTS OF THE OWNER AND THE OWNER'S SEPARATE CONTRACTORS, IF ANY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL CONDITIONS AND MATERIALS WITHIN THE PROPOSED CONSTRUCTION AREA. THE CONTRACTOR SHALL HAVE SOLE RESPONSIBILITY FOR ANY DAMAGE OR INJURIES CAUSED BY OR DURING THE EXECUTION OF THE WORK.
- MEANS OF EGRESS: ALL MEANS OF EGRESS SHALL BE MAINTAINED CLEAR AND FREE OF ALL OBSTRUCTIONS, SUCH AS BUILDING MATERIALS, TOOLS, DEBRIS, ETC.
- ALL BUILDING MATERIALS STORED AT THE CONSTRUCTION SITE, AND/OR IN ANY AREA OF THE BUILDING ARE TO BE SECURED IN A LOCKED AREA, AND BE CLEANED UP AND CLEARED FROM THE BUILDING PERIODICALLY TO AVOID ANY EXCESSIVE ACCUMULATION.
- DUST CONTROL: DEBRIS, DIRT, AND DUST ARE TO BE KEPT TO A MINIMUM, AND BE CONFINED TO BE IMMEDIATE CONSTRUCTION AREA, AND CLEANED UP AND CLEARED FROM THE BUILDING DAILY TO AVOID ANY EXCESSIVE ACCUMULATION.
- WHERE PIPES AND CONDUITS, DUCT, ETC. PIERCE FIRE PROTECTION ENCLOSURES REFER TO "FIRESTOPPING" SECTION 0720 IN THE PROJECT.
- EXIT DOORS SHALL BE READILY OPERABLE AT ALL TIMES FROM THE SIDE FROM WHICH EGRESS IS TO BE MADE.



| No. | Description | Date |
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KEY PLAN

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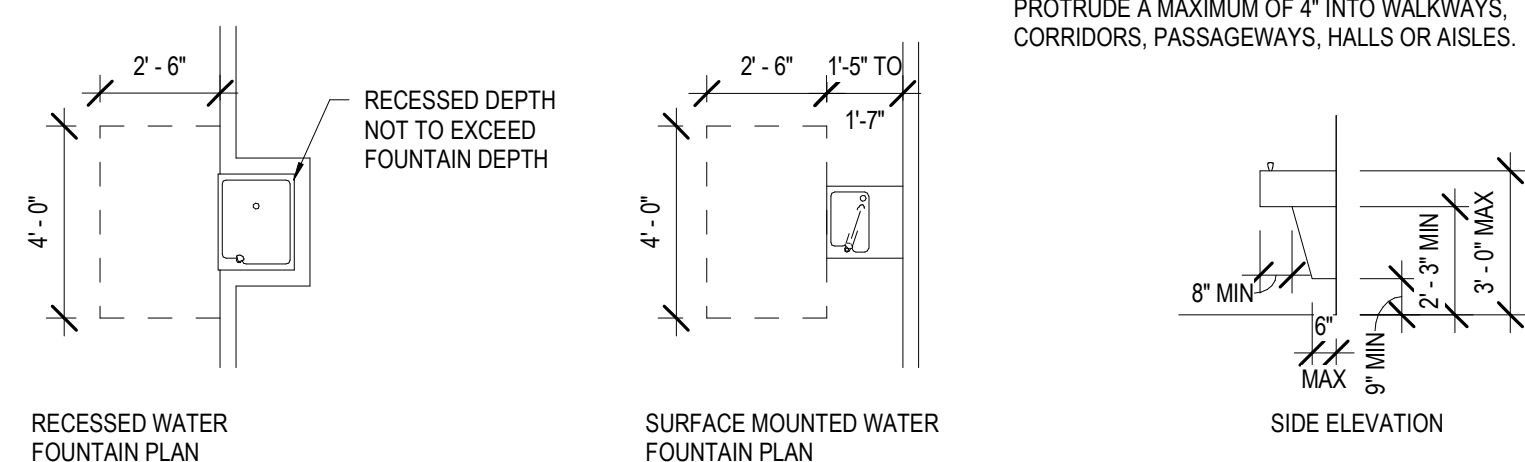
PROJECT TITLE

ST. BERNARD PARISH PUBLIC LIBRARY
ST. BERNARD PARISH

PERMIT DOCUMENTS

| | | | |
|-------------------|----------------|------------|------------|
| DESIGNED BY | MBA/ABM | CHECKED BY | PP |
| DRAWN BY | AB/CF/MP/SC/RZ | DATE | 05.05.2023 |
| SHEET TITLE | | | |
| INFORMATION SHEET | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | G002 |
| ABM - 201813 | | | |

DRINKING FOUNTAINS



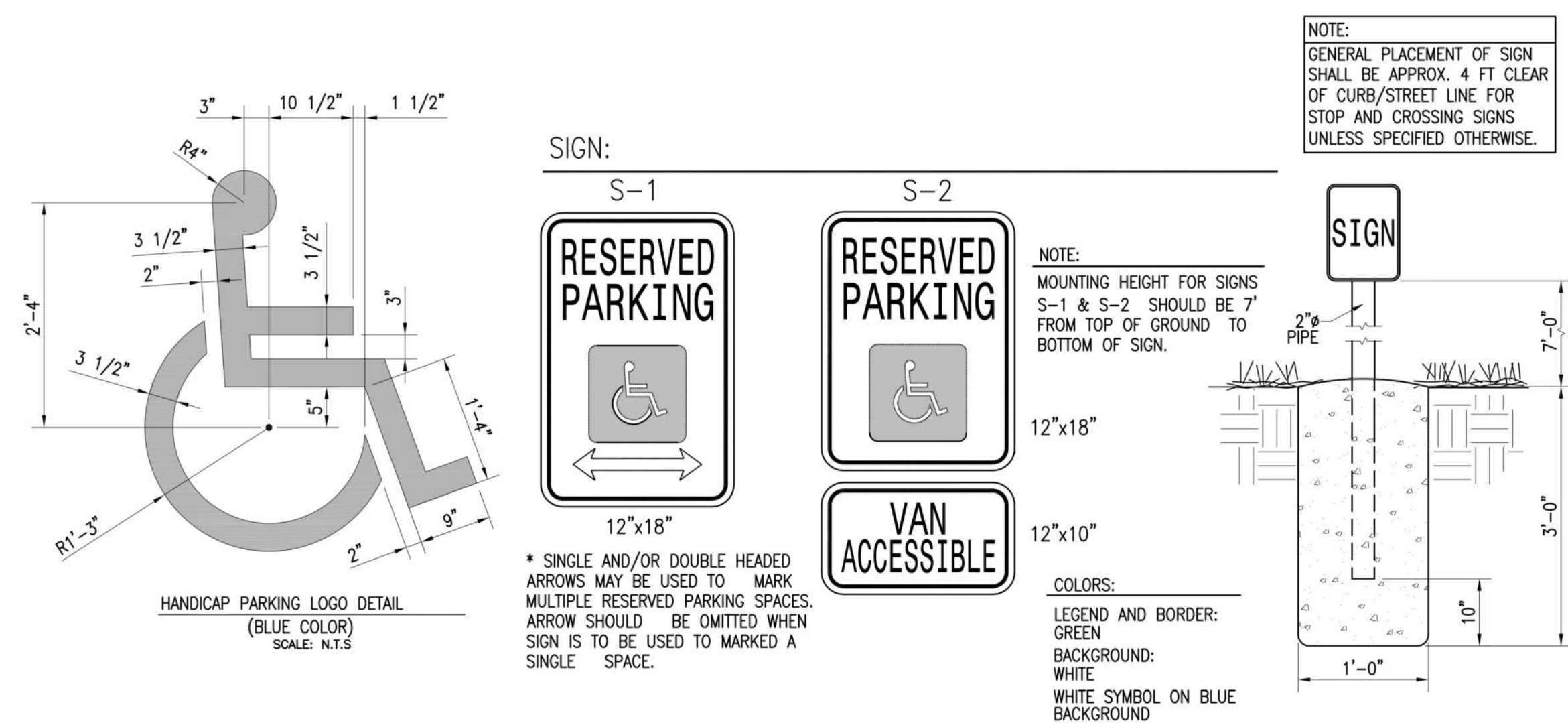
NOTE: IF MOUNTED MORE THAN 27" AFF, THE LEADING EDGE OF THE DRINKING FOUNTAIN CAN PROTRUDE A MAXIMUM OF 4" INTO WALKWAYS, CORRIDORS, PASSAGEWAYS, HALLS OR AISLES.

SEE SECTION 4.13 (1) AND 4.15 OF THE ADA ACCESSIBILITY GUIDELINES FOR ADDITIONAL INFORMATION ON DRINKING FOUNTAINS

NOTES

1. INFORMATION SHOWN ON THIS SHEET IS THE MINIMUM REQUIRED FOR ADA COMPLIANCE.
2. DIMENSIONS INDICATED ARE THE MINIMUM CLEAR DIMENSIONS REQUIRED BY THE ADA ACCESSIBILITY GUIDELINES. THE CONTRACTOR IS RESPONSIBLE FOR LAYOUT OF BUILDING ELEMENTS TO ASSURE THAT DIMENSIONS SHOWN ARE PROVIDED.
3. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL DRAWINGS AND THE INFORMATION GIVEN ON THIS SHEET.
4. DO NOT SCALE THESE DRAWINGS.
5. REFER TO FEDERAL PUBLICATION "AMERICANS WITH DISABILITIES ACT TITLE III: PUBLIC ACCOMMODATIONS" (LATEST EDITION) AND PROJECT LOCAL GOVERNING REGULATIONS FOR COMPLETE PROJECT ACCESSIBILITY REQUIREMENTS.
6. INFORMATION SHOWN ON THIS SHEET IS PROVIDED TO THE CONTRACTOR, TO COORDINATE AND VERIFY ITEMS AND CONDITIONS INDICATED IN THE CONSTRUCTION DOCUMENTS, WITH ADA COMPLIANCE.
7. ALL CONDITIONS SHOWN ON THIS SHEET MAY NOT NECESSARILY APPLY TO THIS PROJECT.

HANDICAP PARKING SYMBOLS AND SIGNAGE

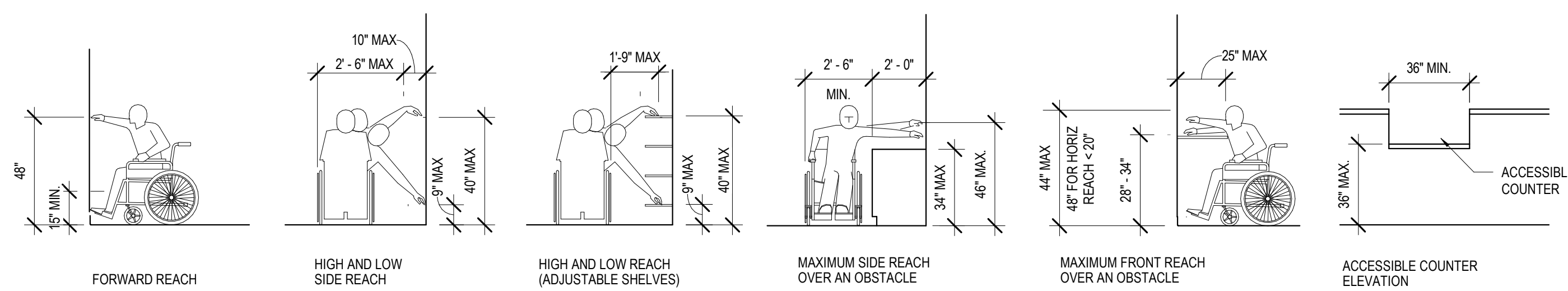


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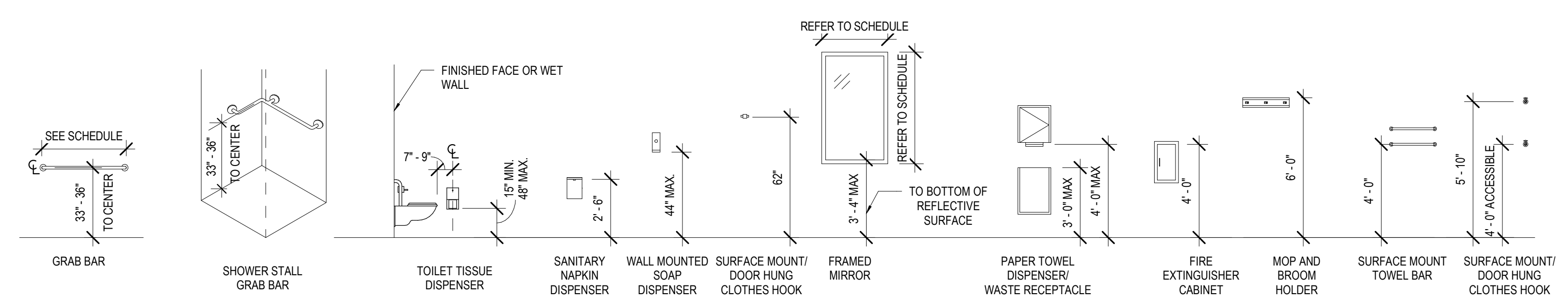
KEY PLAN

REACH LIMITATIONS ELEVATIONS

SEE SECTIONS 4.2, 4.3, 4.4 AND 4.5 OF THE A.D.A. ACCESSIBILITY GUIDELINES FOR ADDITIONAL INFORMATION PASSAGE WIDTHS, SPACE REQUIREMENTS, CLEARANCES, REACH, AND PROTRUSIONS

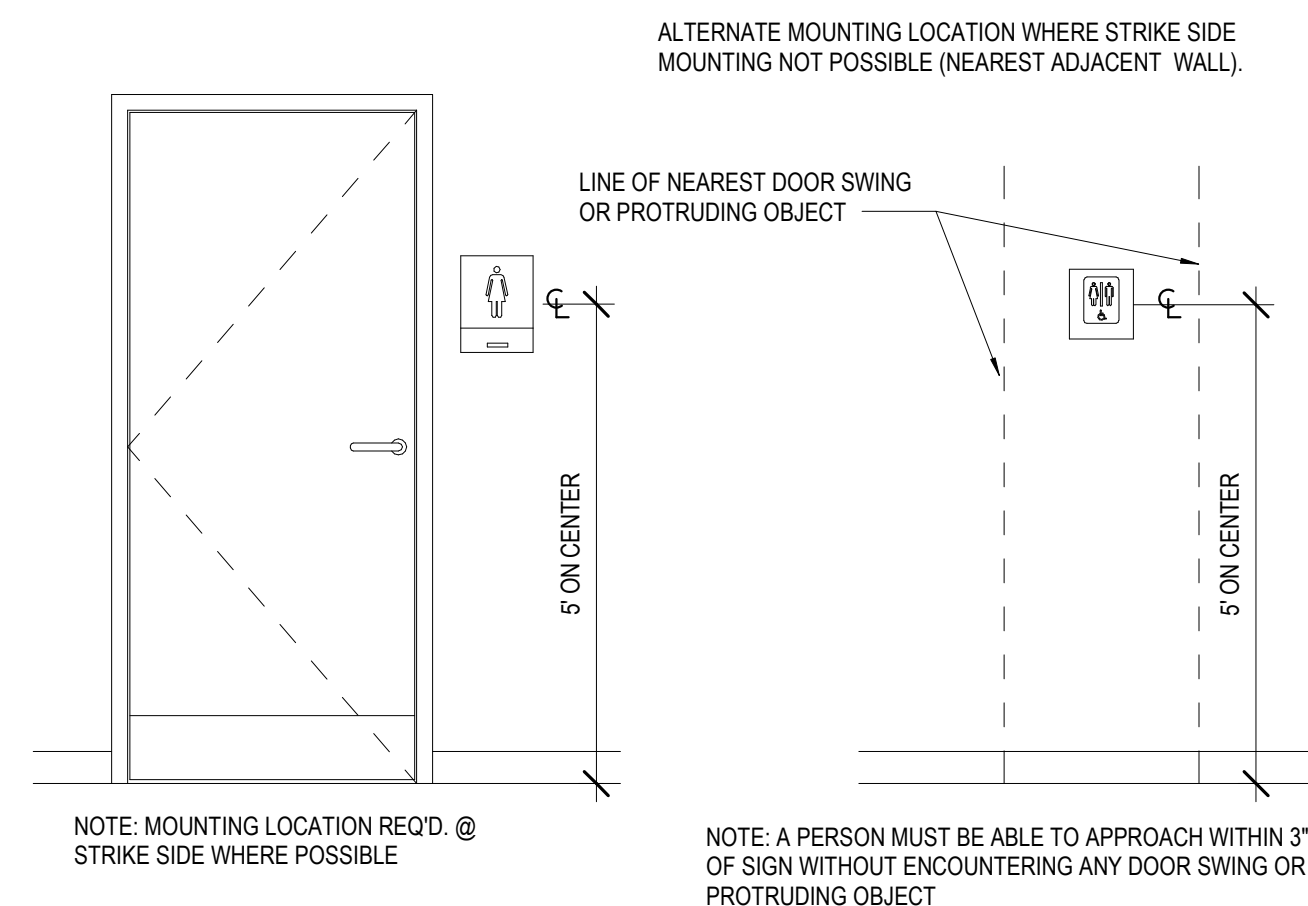


FIXTURE AND ACCESSORIES MOUNTING HEIGHTS

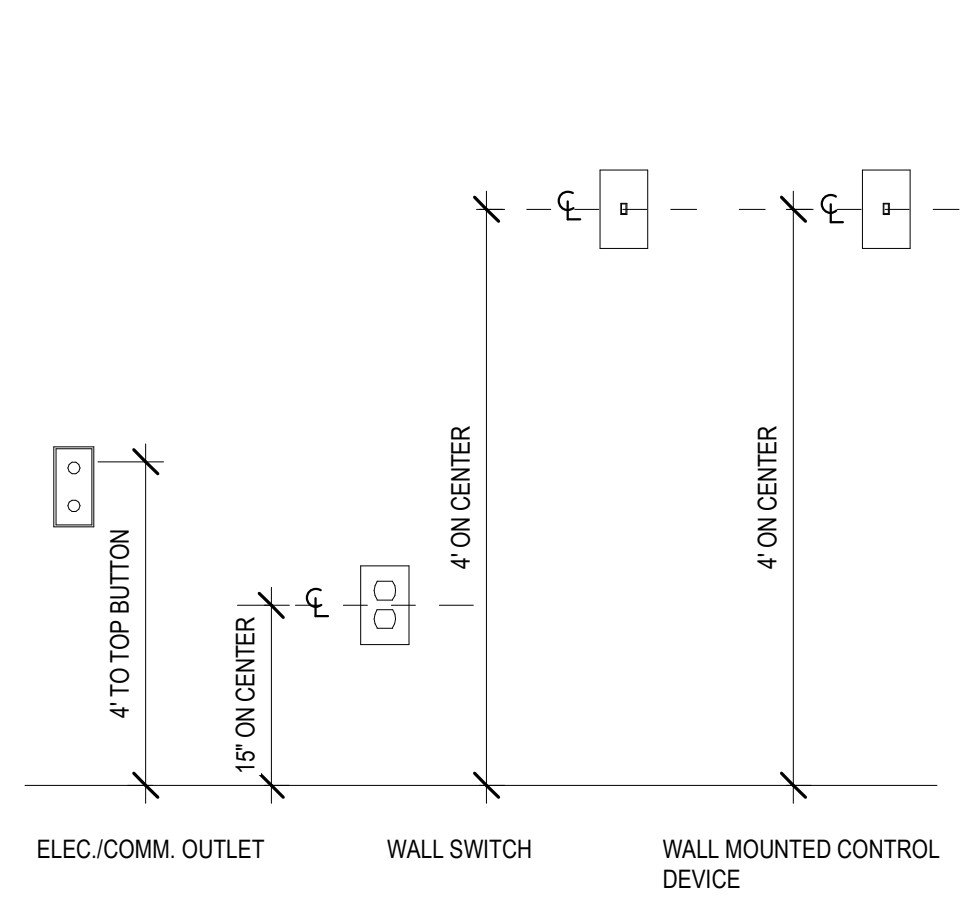


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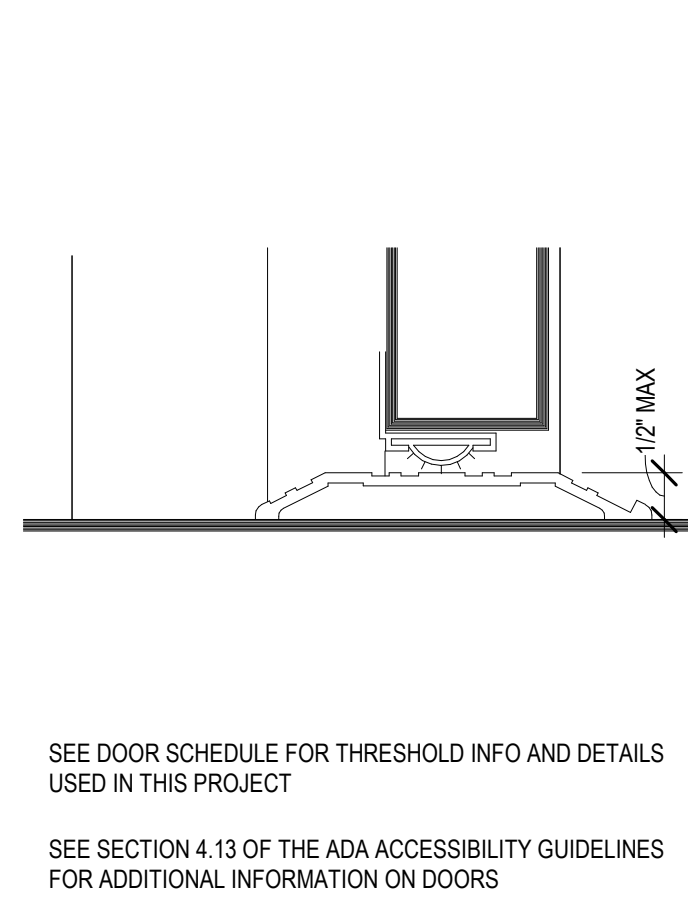
DOOR SIGNAGE (HEIGHT & LOCATION)



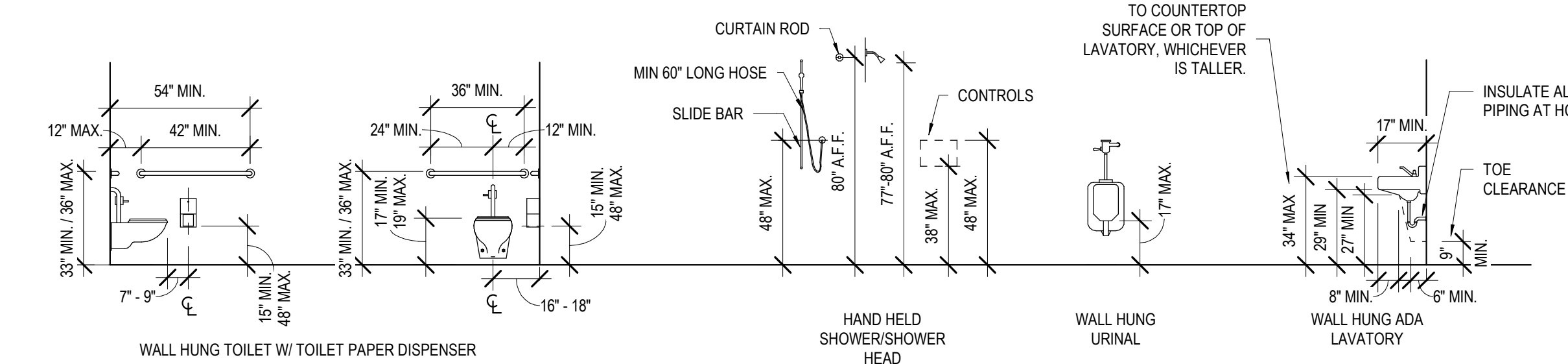
ELECTRICAL FIXTURES



DOOR THRESHOLD DETAIL



TOILET, SHOWER, URINAL & LAVATORY MOUNTING HEIGHTS



ADA DIAGRAMS

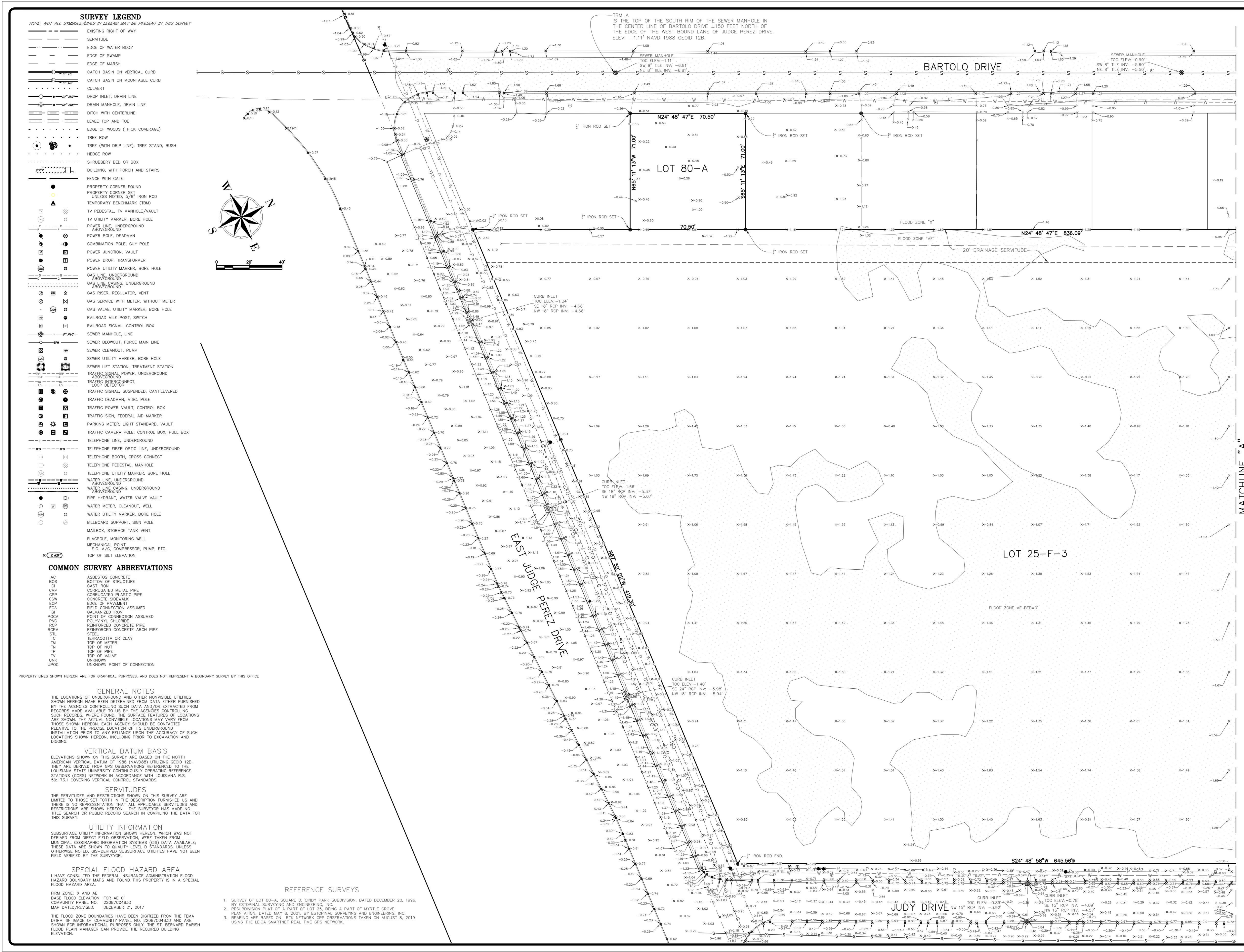
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ST. BERNARD PARISH

PERMIT DOCUMENTS

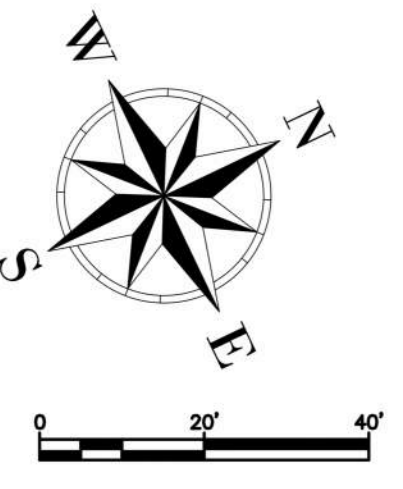
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|-----------------------------|--------------|------------|------------|
| DESIGNED BY | MBA/ABM | CHECKED BY | AM/PP |
| DRAWN BY | CF/RZ | DATE | 05.05.2023 |
| SHEET TITLE ADA DIAGRAMS | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | G003 |
| | ABM - 201813 | | |



SURVEY LEGEND

NOTE: NOT ALL SYMBOLS SHOWN IN LEGEND MAY BE PRESENT IN THIS SURVEY

- EXISTING RIGHT OF WAY
- SERVITUDE
- EDGE OF WATER BODY
- EDGE OF SWAMP
- EDGE OF MARSH
- CATCH BASIN ON VERTICAL CURB
- CATCH BASIN ON MOUNTABLE CURB
- CULVERT
- DROP INLET, DRAIN LINE
- DRAIN MANHOLE, DRAIN LINE
- DITCH WITH CENTERLINE
- LEVEE TOP AND TOE
- EDGE OF WOODS (THICK COVERAGE)
- TREE ROW
- TREE (WITH DROP LINE), TREE STAND, BUSH
- HEDGE ROW
- SHRUBBERY BED OR BOX
- BUILDING, WITH PORCH AND STAIRS
- FENCE WITH GATE
- PROPERTY CORNER FOUND
- PROPERTY CORNER SET UNLESS NOTED, 5/8" IRON ROD
- TEMPORARY BENCHMARK (TBM)
- TV PEDESTAL, TV MANHOLE/VAULT
- TV UTILITY MARKER, BORE HOLE
- POWER LINE, UNDERGROUND
- POWER POLE, DEADMAN
- COMBINATION POLE, GUY POLE
- POWER JUNCTION, VAULT
- POWER DROP, TRANSFORMER
- POWER UTILITY MARKER, BORE HOLE
- GAS LINE, UNDERGROUND
- GAS LINE, CAGING, UNDERGROUND
- GAS RISER, REGULATOR, VENT
- GAS SERVICE WITH METER, WITHOUT METER
- GAS VALVE, UTILITY MARKER, BORE HOLE
- RAILROAD MILE POST, SWITCH
- RAILROAD SIGNAL, CONTROL BOX
- SEWER MANHOLE, LINE
- SEWER BLOWOUT, FORCE MAIN LINE
- SEWER CLEANOUT, PUMP
- SEWER UTILITY MARKER, BORE HOLE
- SEWER LIFT STATION, TREATMENT STATION
- TRAFFIC SIGNAL, POWER, UNDERGROUND
- TRAFFIC INTERCONNECT, LOOP DETECTOR
- TRAFFIC SIGNAL, SUSPENDED, CANTILEVERED
- TRAFFIC DEADMAN, MISC. POLE
- TRAFFIC POWER VAULT, CONTROL BOX
- TRAFFIC SIGN, FEDERAL, AID MARKER
- PARKING METER, LIGHT STANDARD, VAULT
- TRAFFIC CAMERA POLE, CONTROL BOX, PULL BOX
- TELEPHONE LINE, UNDERGROUND
- TELEPHONE FIBER OPTIC LINE, UNDERGROUND
- TELEPHONE BOOTH, CROSS CONNECT
- TELEPHONE PEDESTAL, MANHOLE
- TELEPHONE UTILITY MARKER, BORE HOLE
- WATER LINE, UNDERGROUND
- WATER LINE, CAGING, UNDERGROUND
- FIRE HYDRANT, WATER VALVE VAULT
- WATER METER, CLEANOUT, WELL
- WATER UTILITY MARKER, BORE HOLE
- BILLBOARD SUPPORT, SIGN POLE
- MAILBOX, STORAGE TANK VENT
- FLAGPOLE, MONITORING WELL
- MECHANICAL POINT E.G. A/C COMPRESSOR, PUMP, ETC.
- TOP OF SILT ELEVATION



COMMON SURVEY ABBREVIATIONS

- AC ASBESTOS CONCRETE
- BCS BOTTOM OF STRUCTURE
- CP CORRUGATED METAL PIPE
- CPFP CORRUGATED PLASTIC PIPE
- CS CONCRETE SIDEWALK
- EDP EDGE OF PAVEMENT
- FC GALVANIZED IRON
- FG GALVANIZED IRON POINT CONNECTION ASSUMED
- PVC POLYVINYL CHLORIDE
- RCP REINFORCED CONCRETE PIPE
- RCPA REINFORCED CONCRETE ARCH PIPE
- ST STEEL
- TER TERRAZZOTA OR CLAY
- TM TOP OF METER
- TMH TOP OF HOLE
- TP TOP OF PILE
- TV TOP OF VALVE
- UNK UNKNOWN
- UPDC UNKNOWN POINT OF CONNECTION

PROPERTY LINES SHOWN HEREON ARE FOR GRAPHICAL PURPOSES, AND DOES NOT REPRESENT A BOUNDARY SURVEY BY THIS OFFICE

GENERAL NOTES

THE LOCATIONS OF UNDERGROUND AND OTHER NONVISIBLE UTILITIES SHOWN HEREON HAVE BEEN DETERMINED FROM DATA EITHER FURNISHED BY THE AGENCIES CONTROLLING SUCH DATA AND/OR EXTRACTED FROM RECORDS MADE AVAILABLE TO US BY THE AGENCIES CONTROLLING SUCH RECORDS. WHERE FOUND, THE SURFACE FEATURES OF LOCATIONS ARE SHOWN. THE ACTUAL, NONVISIBLE LOCATIONS MAY VARY FROM THOSE SHOWN HEREON. EACH AGENCY SHOULD BE CONTACTED RELATIVE TO THE PRECISE LOCATION OF ITS UNDERGROUND INSTALLATION PRIOR TO ANY RELIANCE UPON THE ACCURACY OF SUCH LOCATIONS SHOWN HEREON, INCLUDING PRIOR TO EXCAVATION AND DIGGING.

VERTICAL DATUM BASIS

ELEVATIONS SHOWN ON THIS SURVEY ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD83) UTILIZING GEOID 12B. THEY ARE DERIVED FROM GPS OBSERVATIONS REFERENCED TO THE LOUISIANA STATE UNIVERSITY'S CONTINUOUSLY OPERATING REFERENCE STATIONS (CORS) NETWORK IN ACCORDANCE WITH LOUISIANA R.S. 50:173.1 COVERING VERTICAL CONTROL STANDARDS.

SERVITUDES

THE SERVITUDES AND RESTRICTIONS SHOWN ON THIS SURVEY ARE LIMITED TO THOSE SET FORTH IN THE DESCRIPTION FURNISHED US AND THERE IS NO REPRESENTATION THAT ALL APPLICABLE SERVITUDES AND RESTRICTIONS ARE SHOWN HEREON. THE SURVEYOR HAS MADE NO TITLE SEARCH OR PUBLIC RECORD SEARCH IN COMPILING THE DATA FOR THIS SURVEY.

UTILITY INFORMATION

SUBSURFACE UTILITY INFORMATION SHOWN HEREON, WHICH WAS NOT DERIVED FROM DIRECT FIELD OBSERVATION, WERE TAKEN FROM MUNICIPAL GEOGRAPHIC INFORMATION SYSTEMS (GIS) DATA AVAILABLE. THESE DATA ARE SHOWN TO QUALITY LEVEL D STANDARDS, UNLESS OTHERWISE NOTED. GPS-DERIVED SUBSURFACE UTILITIES HAVE NOT BEEN FIELD VERIFIED BY THE SURVEYOR.

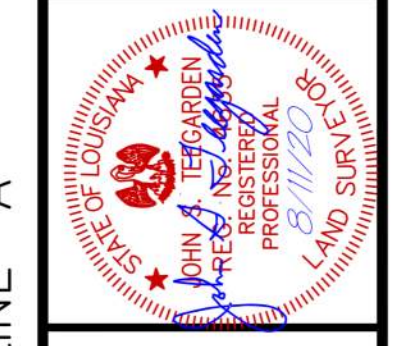
SPECIAL FLOOD HAZARD AREA

I HAVE CONSULTED THE FEDERAL INSURANCE ADMINISTRATION HAZARD BOUNDARY MAPS AND FOUND THIS PROPERTY IS IN A SPECIAL FLOOD HAZARD AREA.

REFERENCE SURVEYS

1. SURVEY OF LOT 80-A, SQUARE D, CNDY PARK SUBDIVISION, DATED DECEMBER 20, 1996, BY ESTOPINAL SURVEYING AND ENGINEERING, INC.
2. RESUBDIVISION PLAT OF A PART OF LOT 25, BEING A PART OF MYRTLE GROVE PLANTATION, DATED MAY 8, 2001, BY ESTOPINAL SURVEYING AND ENGINEERING, INC.
3. BEARING ARE BASED ON RTK NETWORK GPS OBSERVATIONS TAKEN ON AUGUST 8, 2019 USING THE LEICA SMARTNET REAL TIME GPS NETWORK.

| | |
|-----------|---|
| APP'D | JST |
| REVISIONS | |
| DATE: | 8/11/20 |
| REMARKS: | ADDED 20' DRAINAGE SERVITUDE TO WEST SIDE OF LOT 25-F-3 |



AS ALL SOUTH CONSULTING ENGINEERS, L.L.C.
 8322 FAIRMOUTH AVENUE
 SUITE 200
 METairie, LA 70002
 (504) 885-2788

| | | | |
|--------------|------------|-------------|----------|
| DATE: | 08-27-2019 | SCALE: | AS SHOWN |
| DESIGNED BY: | JNS | CHECKED BY: | JST |
| DRAWN BY: | JNS | | |
| JOB NO.: | 211-015-01 | | |

BOUNDARY AND TOPOGRAPHIC SURVEY OF THE ST. BERNARD PUBLIC LIBRARY SITE, LOT 25-F-3, MYRTLE GROVE PLANTATION, SECTION 2, T 13 S, R 13 E, ST. BERNARD PARISH, LOUISIANA

| | |
|------------|---|
| SHEET NO.: | 1 |
|------------|---|

| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |

KEY PLAN



Mathes Brierre + ARCHITECTS / **BM ARCHITECTS BEAZLEY MOLIÈRE**
 A JOINT VENTURE
 201 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
 Voice: 504.586.9300 Fax: 504.582.1305
 300 Heymann Blvd.
 Lafayette, Louisiana 70503
 337.233.0614

PROJECT TITLE

ST. BERNARD PARISH PUBLIC LIBRARY
 ST. BERNARD PARISH

PERMIT DOCUMENTS

| | | | |
|---|-------------|------------|------------|
| DESIGNED BY | MBA/ABM | CHECKED BY | Checker |
| DRAWN BY | Author | DATE | 05.05.2023 |
| SHEET TITLE SITE SURVEY / EXISTING PRE-SURCHARGE | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | G005 |
| ABM - 201813 | | | |

NOTE:
EXISTING TOPOGRAPHY INFORMATION
INSIDE OF PROPERTY LINE HAS CHANGED
DUE TO INSTALLATION OF SURCHARGE.

SURVEY LEGEND
NOTE: NOT ALL SYMBOLS/NOTES IN LEGEND MAY BE PRESENT IN THIS SURVEY

- EXISTING RIGHT OF WAY
- SERVITUDE
- EDGE OF WATER BODY
- EDGE OF SWAMP
- EDGE OF MARSH
- CATCH BASIN ON VERTICAL CURB
- CATCH BASIN ON MOUNTABLE CURB
- CULVERT
- DROP INLET, DRAIN LINE
- DRAIN MANHOLE, DRAIN LINE
- DITCH WITH CENTERLINE
- LEVEE TOP AND TOE
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- TREE ROW
- TREE (WITH DRIP LINE), TREE STAND, BUSH
- HEDGE ROW
- SHRUBBERY BED OR BOX
- BUILDING, WITH PORCH AND STAIRS
- FENCE WITH GATE
- PROPERTY CORNER FOUND
- PROPERTY CORNER SET UNLESS NOTED, 5/8" IRON ROD
- TEMPORARY BENCHMARK (TBM)
- TV PEDESTAL, TV MANHOLE/VAULT
- TV UTILITY MARKER, BORE HOLE
- POWER LINE, UNDERGROUND ABOVEGROUND
- POWER POLE, DEADMAN
- COMBINATION POLE, GUY POLE
- POWER JUNCTION, VAULT
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- WATER METER, CLEANOUT, WELL
- WATER UTILITY MARKER, BORE HOLE
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- MAILBOX, STORAGE TANK VENT
- FLAGPOLE, MONITORING WELL
- MECHANICAL POINT E.G. A/C COMPRESSOR, PUMP, ETC.
- TOP OF SILT ELEVATION

COMMON SURVEY ABBREVIATIONS

- AC ASBESTOS CONCRETE
- BCS BOTTOM OF STRUCTURE
- CI CAST IRON
- CMP CORRUGATED METAL PIPE
- CPV CORRUGATED PLASTIC PIPE
- CS CONCRETE SIDEWALK
- EDP EDGE OF PAVEMENT
- FCI FIELD CONNECTION ASSUMED
- GI GALVANIZED IRON
- PC POINT OF CONNECTION ASSUMED
- PVC POLYVINYL CHLORIDE
- RCR REINFORCED CONCRETE PIPE
- RCFA REINFORCED CONCRETE ARCH PIPE
- STL STEEL
- TC TERRAZZOTA OR CLAY
- TM TOP OF METER
- TOP OF NAUT
- TOP OF PIPE
- TOP OF VALVE
- UNK UNKNOWN
- UPIC UNKNOWN POINT OF CONNECTION

PROPERTY LINES SHOWN HEREON ARE FOR GRAPHICAL PURPOSES, AND DOES NOT REPRESENT A BOUNDARY SURVEY BY THIS OFFICE

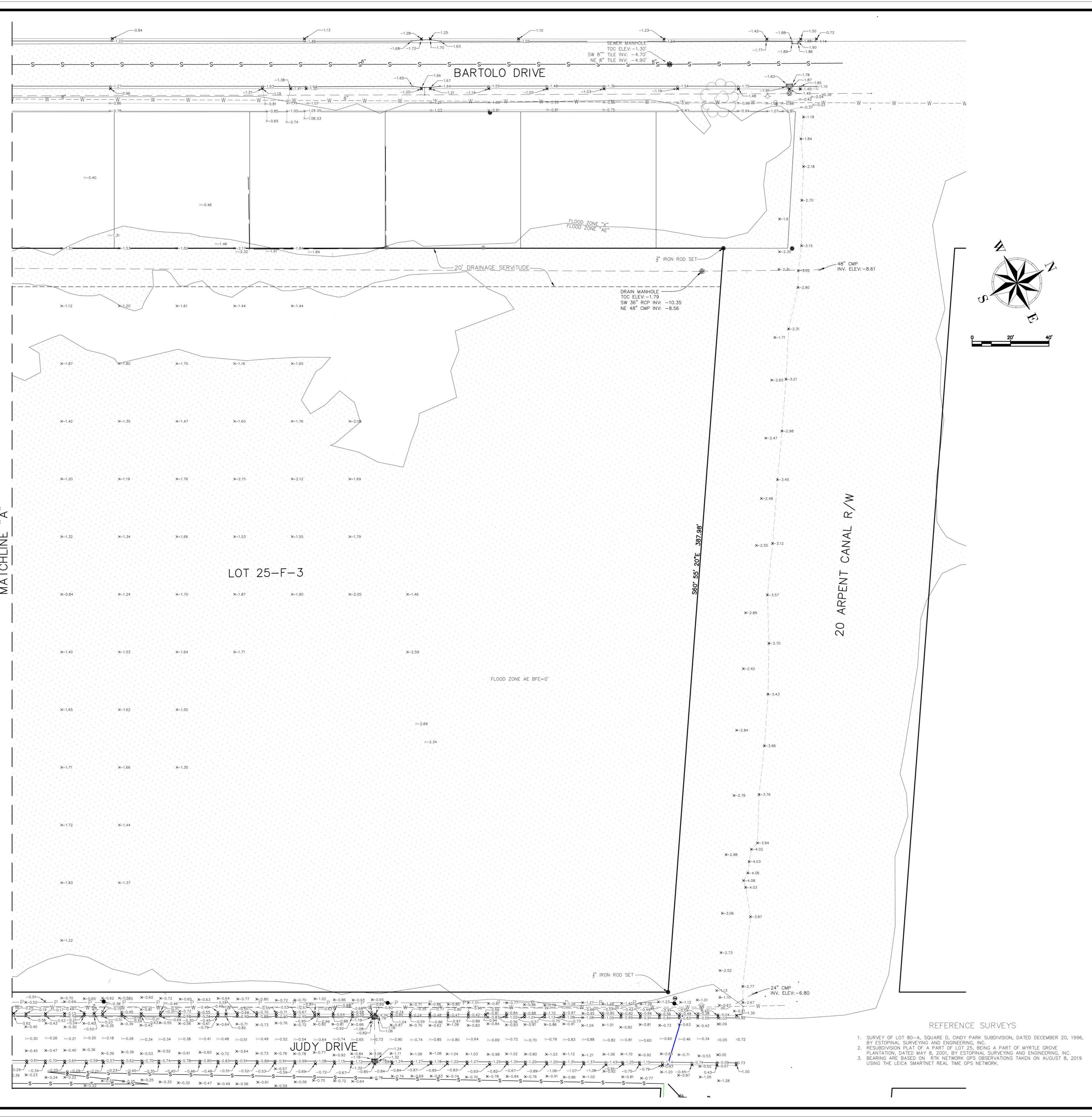
GENERAL NOTES
THE LOCATIONS OF UNDERGROUND AND OTHER NONVISIBLE UTILITIES SHOWN HEREON HAVE BEEN DETERMINED FROM DATA EITHER FURNISHED BY THE AGENCIES CONTROLLING SUCH DATA AND/OR EXTRACTED FROM RECORDS MADE AVAILABLE TO US BY THE AGENCIES CONTROLLING SUCH RECORDS. WHERE FOUND, THE SURFACE FEATURES OF LOCATIONS ARE SHOWN. THE ACTUAL NONVISIBLE LOCATIONS MAY VARY FROM THOSE SHOWN HEREON. EACH AGENCY SHOULD BE CONTACTED RELATIVE TO THE PRECISE LOCATION OF ITS UNDERGROUND INSTALLATION PRIOR TO ANY RELIANCE UPON THE ACCURACY OF SUCH LOCATIONS SHOWN HEREON, INCLUDING PRIOR TO EXCAVATION AND DIGGING.

VERTICAL DATUM BASIS
ELEVATIONS SHOWN ON THIS SURVEY ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD83) UTILIZING CGO112B. THEY ARE DERIVED FROM GPS OBSERVATIONS REFERENCED TO THE LOUISIANA STATE UNIVERSITY CONTINUOUSLY OPERATING REFERENCE STATIONS (CORS) NETWORK IN ACCORDANCE WITH LOUISIANA R.S. 50:173.1 COVERING VERTICAL CONTROL STANDARDS.

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SPECIAL FLOOD HAZARD AREA
I HAVE CONSULTED THE FEDERAL INSURANCE ADMINISTRATION FLOOD HAZARD BOUNDARY MAPS AND FOUND THIS PROPERTY IS IN A SPECIAL FLOOD HAZARD AREA.
FIRM ZONE X AND AE
BASE FLOOD ELEVATION FOR AE 0' COMMUNITY PANEL NO. 2208704B5D MAP DATED/REVISED: DECEMBER 21, 2017
THE FLOOD ZONE BOUNDARIES HAVE BEEN DIGITIZED FROM THE FEMA OFFICIAL FLOOD INSURANCE RATE MAP (FIRM) NO. 2208704B5D AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. THE ST. BERNARD PARISH FLOOD PLAN MANAGER CAN PROVIDE THE REQUIRED BUILDING ELEVATION.



BOUNDARY AND TOPOGRAPHIC SURVEY OF THE ST. BERNARD PUBLIC LIBRARY SITE, LOT 25-F-3, MYRTLE GROVE PLANTATION, SECTION 2, T 13 S, R 13 E, ST. BERNARD PARISH, LOUISIANA

DATE: 08-27-2019
SCALE: AS SHOWN
JOB NO.: 211-015-01

DESIGNED BY: MBA/ABM
DRAWN BY: Author
SHEET TITLE: SITE SURVEY / EXISTING PRE-SURCHARGE

REVISIONS
DATE: 8/11/20
REMARKS: ADDED 20' DRAINAGE SERVITUDE TO WEST SIDE OF LOT 25-F-3

PROJECT TITLE: ST. BERNARD PARISH GOVERNMENT

PERMIT DOCUMENTS
DESIGNED BY: MBA/ABM
CHECKED BY: Checker
DRAWN BY: Author
DATE: 05.05.2023
SHEET NO.: 2

AS ALL SOUTH CONSULTING ENGINEERS, L.L.C.
1822 FAIRVIEW AVENUE
BOCA RATON, FL 33433

| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |
| | | |
| | | |

Mathes Brierre + BM
ARCHITECTS + ARCHITECTS/BEAZLEY/MOLIERE
A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
Voice: 504.586.9303 Fax: 504.582.1305

300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

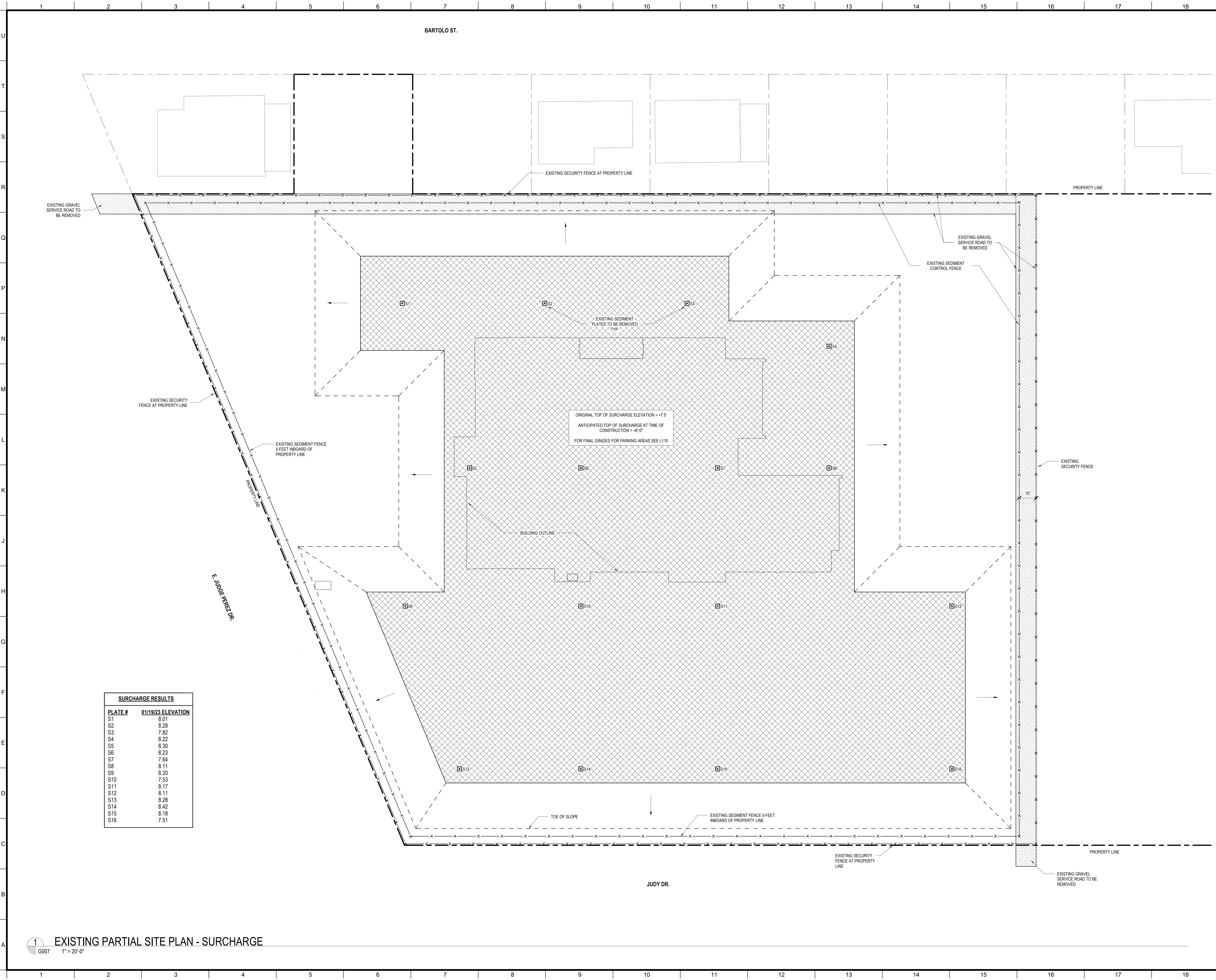
ST. BERNARD PARISH PUBLIC LIBRARY

ST. BERNARD PARISH

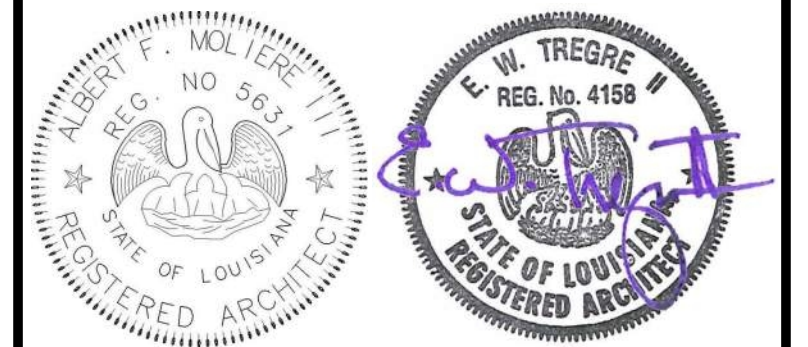
PERMIT DOCUMENTS
DESIGNED BY: MBA/ABM
CHECKED BY: Checker
DRAWN BY: Author
DATE: 05.05.2023
SHEET NO.: 2

MBA - 11884
ABM - 201813
G006

NOTE:
EXISTING TOPOGRAPHY INFORMATION
INSIDE OF PROPERTY LINE HAS CHANGED
DUE TO INSTALLATION OF SURCHARGE.



| SURCHARGE RESULTS | |
|-------------------|--------------------|
| PLATE # | 01/19/23 ELEVATION |
| S1 | 8.01 |
| S2 | 8.28 |
| S3 | 7.82 |
| S4 | 8.22 |
| S5 | 8.30 |
| S6 | 8.23 |
| S7 | 7.64 |
| S8 | 8.11 |
| S9 | 8.20 |
| S10 | 7.53 |
| S11 | 8.17 |
| S12 | 8.11 |
| S13 | 8.28 |
| S14 | 8.42 |
| S15 | 8.18 |
| S16 | 7.51 |



| No. | Description | Date |
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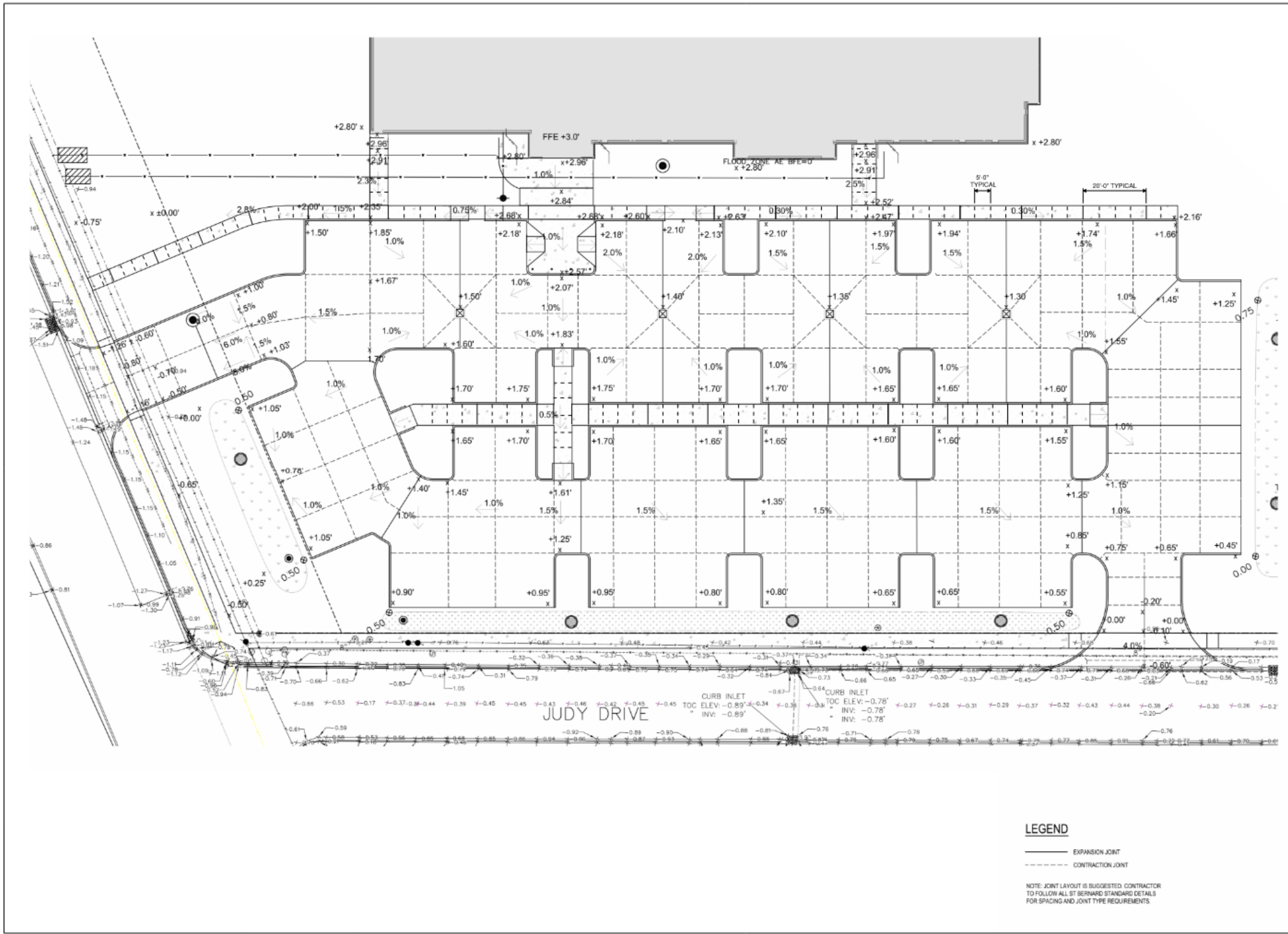
KEY PLAN

Mathes Brierre + BM
 ARCHITECTS + ARCHITECTS BEAZLEY MOLIÈRE
 A JOINT VENTURE
 201 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
 Voice: 504.586.9303 Fax: 504.582.1305
 300 Heymann Blvd.
 Lafayette, Louisiana 70503
 337.233.0614

PROJECT TITLE
ST. BERNARD PARISH PUBLIC LIBRARY
 ST. BERNARD PARISH

PERMIT DOCUMENTS

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|--|--------------------------|
| DESIGNED BY Designer | CHECKED BY Checker |
| DRAWN BY Author | DATE 05.05.2023 |
| SHEET TITLE SURCHARGE PLAN & ELEVATIONS | |
| PROJECT NO. MBA - 11884 ABM - 201813 | SHEET NO. G007 |



Mathes Brierre + B/M
 ARCHITECTS
 401 St. Charles Avenue, Forty First Floor
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 Lafayette, Louisiana 70503
 337.233.0614

ST. BERNARD PARISH PUBLIC LIBRARY
ST. BERNARD PARISH
PAVING JOINT LAYOUT

PROJ. NO: MBA - 11884
 ABM - 201813

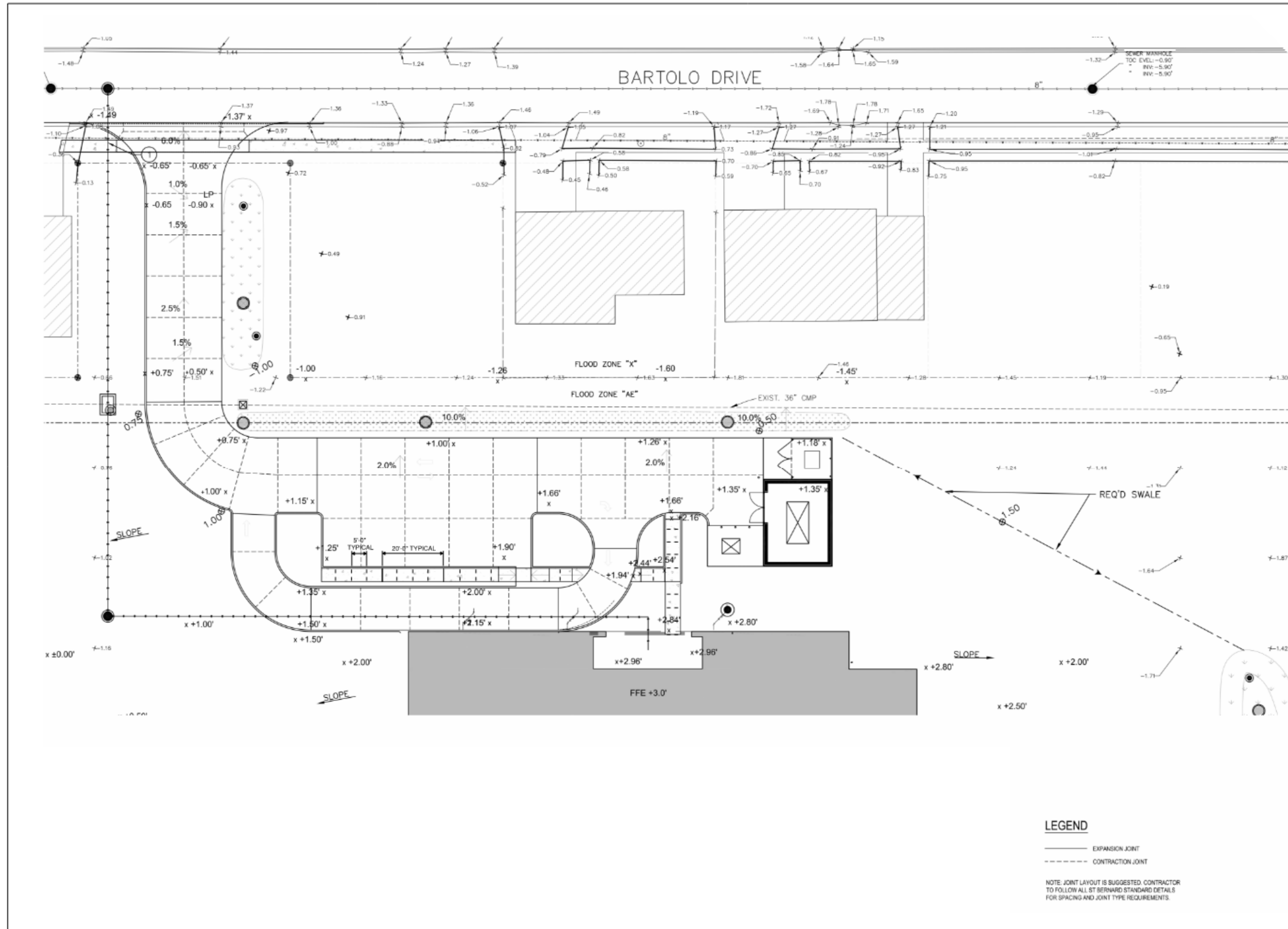
DATE: 02/27/24

DRAWN BY: ME

CHECKED BY: PP

REFERENCE SHEET: ME

SHEET NO. CSK01



Mathes Brierre + B/M
 ARCHITECTS
 401 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
 Voice: 504.586.9303 Fax: 504.582.1305
 300 Heymann Blvd.
 Lafayette, Louisiana 70503
 337.233.0614

ST. BERNARD PARISH PUBLIC LIBRARY
ST. BERNARD PARISH
PAVING JOINT LAYOUT

PROJ. NO: MBA - 11884
 ABM - 201813

DATE: 02/27/24

DRAWN BY: ME

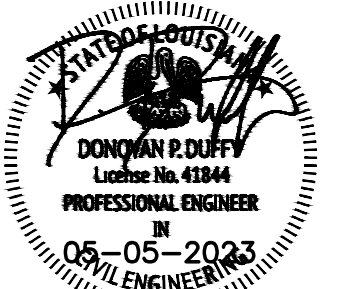
CHECKED BY: PP

REFERENCE SHEET: ME

SHEET NO. CSK02

| No. | Description | Date |
|-----|-------------|------|
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KEY PLAN

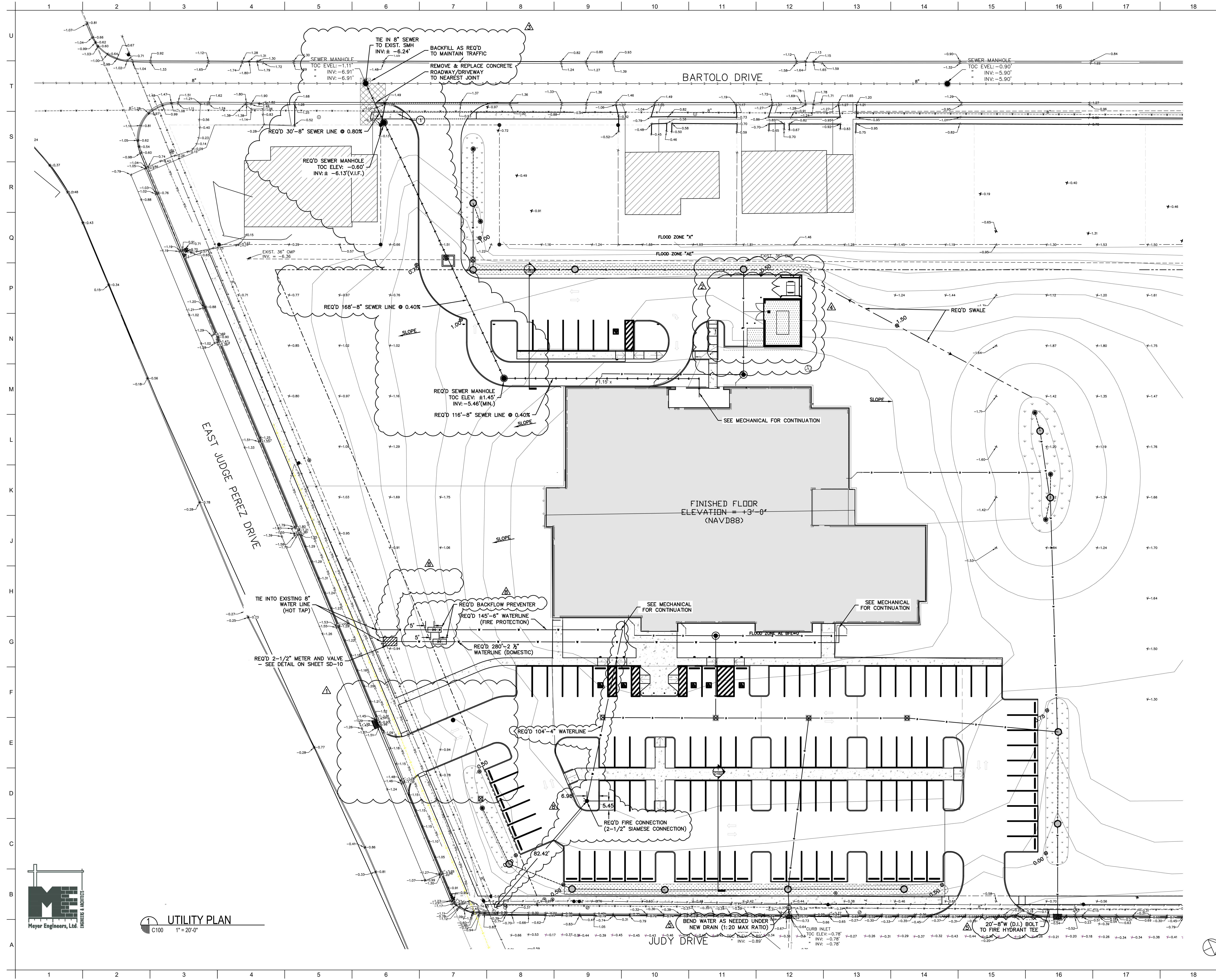


Mathes Brierre + B/M
 ARCHITECTS
 201 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
 Voice: 504.586.9303 Fax: 504.582.1305
 300 Heymann Blvd.
 Lafayette, Louisiana 70503
 337.233.0614

PROJECT TITLE
ST. BERNARD PARISH PUBLIC LIBRARY
 ST. BERNARD PARISH

PERMIT DOCUMENTS

| | |
|---|-----------------|
| DESIGNED BY: DPD | CHECKED BY: DPD |
| DRAWN BY: AJS. CDR | DATE: 05.05.23 |
| SHEET TITLE: PAVING & DRAINAGE DETAILS | |
| PROJECT NO: MBA - 11884 ABM - 201803 | SHEET NO: CSKs |

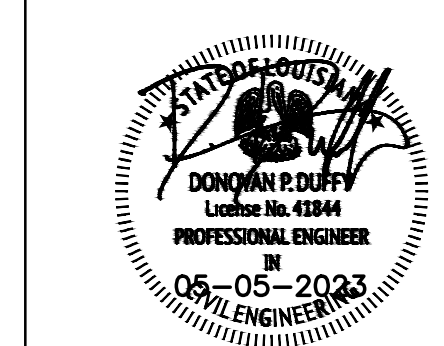


MATERIALS KEYING/ GENERAL NOTES
LEGEND OF SYMBOLS (NEW)

- S — GRAVITY SANITARY SEWER MAIN
- D — STORM SEWER MAIN
- FM — FORCE MAIN
- W — WATER MAIN
- G — GAS MAIN
- T — TELEPHONE LINE
- E — ELECTRIC LINE
- REQUIRED R.O.W.
- - - DITCH OR SWALE
- PERFORATED PVC W/ CLEANOUT
- SEWER MANHOLE
- ⊗ CLEANOUT
- ⊕ NEW LIFT STATION
- ⊖ NEW VALVE PIT
- ⊙ FORCE MAIN AIR RELEASE VALVE
- DROP INLET
- ▣ CB-TYPE 1
- ▤ CB-TYPE 2
- ▥ CB-TYPE 3
- ⊙ DRAIN MANHOLE
- ⊖ CULVERT
- ⊕ WATER VALVE
- WATER METER
- FIRE HYDRANT
- ⊕ POWER POLE
- ⊖ STREET LIGHT
- ⊕ MISC. LIGHT POLE
- ① ELEVATION
- ▨ EXISTING STRUCTURE (NOT IN SCOPE)
- ▩ REQ'D BIOSWALE (SEE LANDSCAPE)
- ▭ REQ'D STORM DRAIN CONNECTION (SEE MECHANICAL)
- ▮ INFILTRATION TRENCH

| No. | Description | Date |
|-----|-------------|------------|
| 1 | | 09/26/2023 |
| 2 | | 11/01/2023 |
| 3 | | 03/27/2024 |
| 4 | | 04/02/2024 |
| 5 | | 05/07/2024 |
| 8 | | 08/01/2024 |

KEY PLAN



Mathes Briere + **BM**
 ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
 A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
 Voice: 504.586.9303 Fax: 504.582.1305

300 Heymann Blvd.
 Lafayette, Louisiana 70503
 337.233.0614

PROJECT TITLE

ST. BERNARD PARISH PUBLIC LIBRARY

ST. BERNARD PARISH

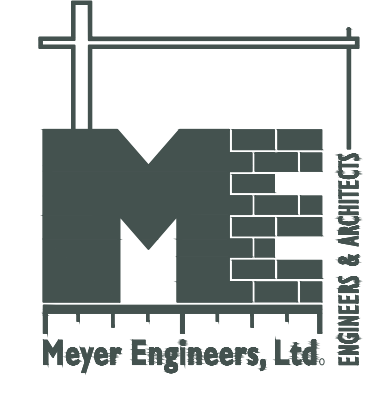
PERMIT DOCUMENTS

DESIGNED BY **DPD** CHECKED BY **DPD**

DRAWN BY **AJS, CDR** DATE **05.05.23**

SHEET TITLE **UTILITY PLAN**

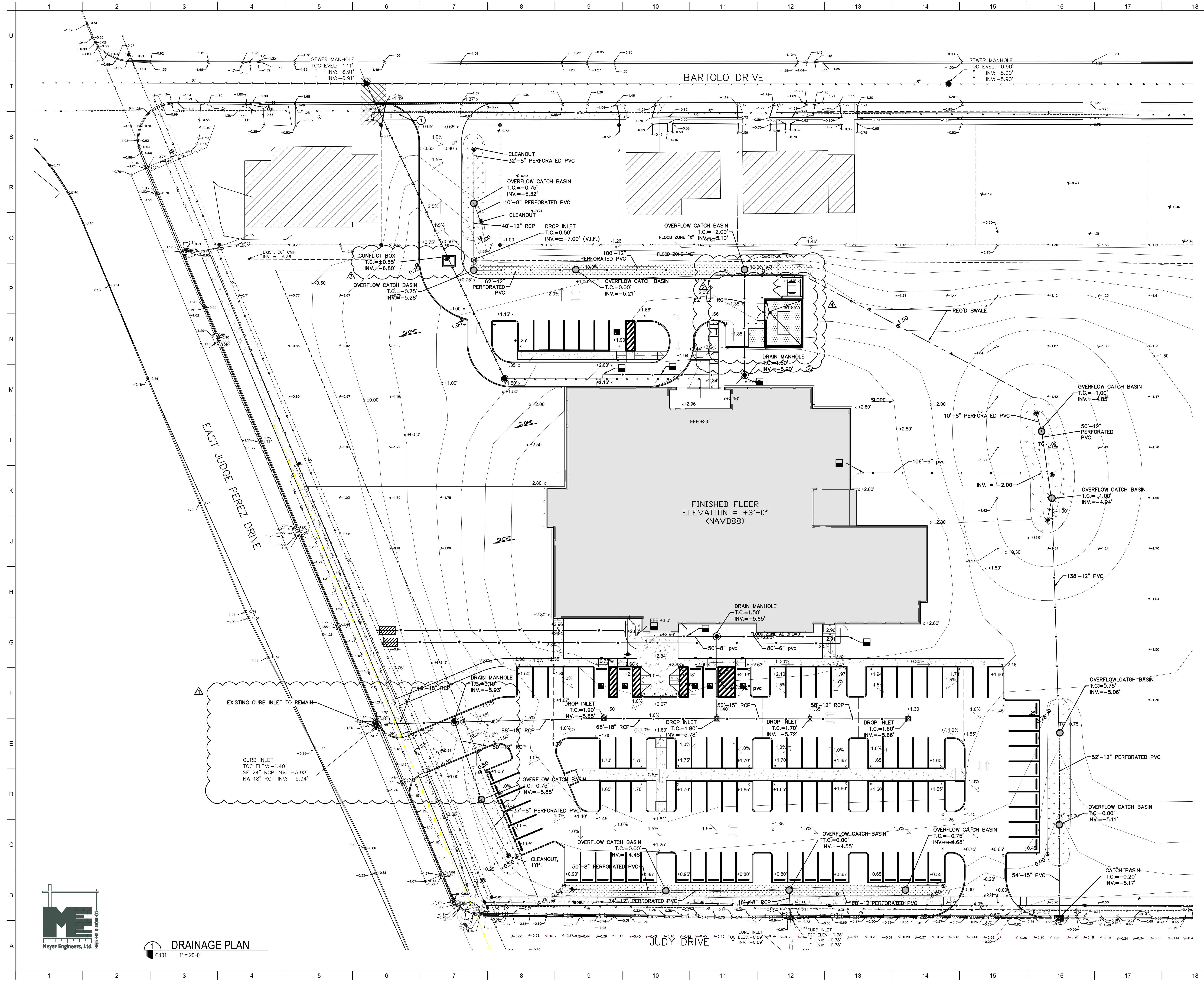
PROJECT NO. **MBA - 11884** SHEET NO. **C100**



UTILITY PLAN
 1" = 20'-0"

MBA - 11884
ABM - 201803

C100



MATERIALS KEYING/ GENERAL NOTES
LEGEND OF SYMBOLS (NEW)

- S — GRAVITY SANITARY SEWER MAIN
- D — STORM SEWER MAIN
- FM — FORCE MAIN
- W — WATER MAIN
- G — GAS MAIN
- T — TELEPHONE LINE
- E — ELECTRIC LINE
- — — — — REQUIRED R.O.W.
- — — — — DITCH OR SWALE
- PERFORATED PVC W/ CLEANOUT
- CLEANOUT
- NEW LIFT STATION
- NEW VALVE PIT
- FORCE MAIN AIR RELEASE VALVE
- DROP INLET
- CB-TYPE 1
- CB-TYPE 2
- CB-TYPE 3
- DRAIN MANHOLE
- CULVERT
- WATER VALVE
- WATER METER
- FIRE HYDRANT
- POWER POLE
- STREET LIGHT
- MISC. LIGHT POLE
- ELEVATION
- ▨ EXISTING STRUCTURE (NOT IN SCOPE)
- ▨ REQ'D BIOSWALE (SEE LANDSCAPE)
- ▨ REQ'D STORM DRAIN CONNECTION (SEE MECHANICAL)
- ▨ INFILTRATION TRENCH

| No. | Description | Date |
|-----|-------------|------------|
| 1 | | 09/28/2023 |
| 2 | | 11/01/2023 |
| 3 | | 03/27/2024 |
| 4 | | 04/02/2024 |

KEY PLAN



Mathes Briere + **BM**
 ARCHITECTS ARCHITECTS BEAZLEY MOLLIERE
 A ZIGWAG NETWORK

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 New Orleans, Louisiana 70170-4100
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300 Heymann Blvd.
 Lafayette, Louisiana 70503
 337.233.0614

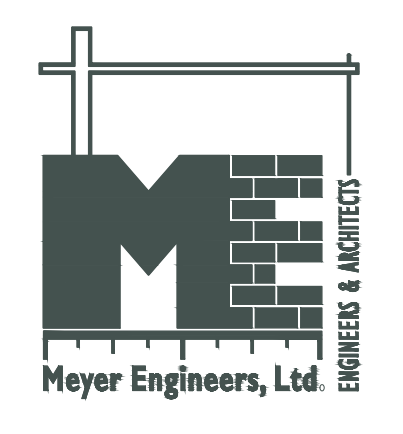
PROJECT TITLE

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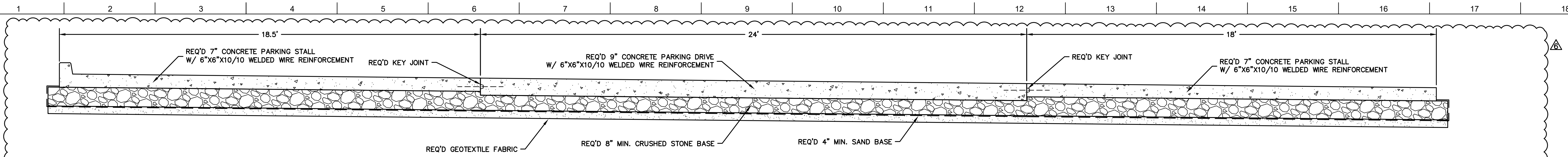
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| DESIGNED BY | DPD | CHECKED BY | DPD |
| DRAWN BY | AJS, CDR | DATE | 05.05.23 |
| SHEET TITLE DRAINAGE PLAN | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | C101 |
| | ABM - 201803 | | |

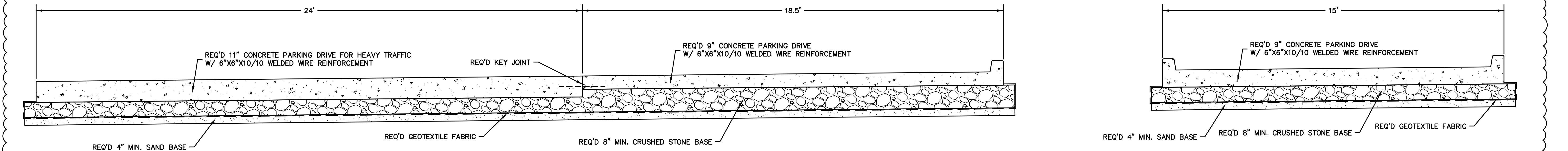


DRAINAGE PLAN
 C101 1" = 20'-0"



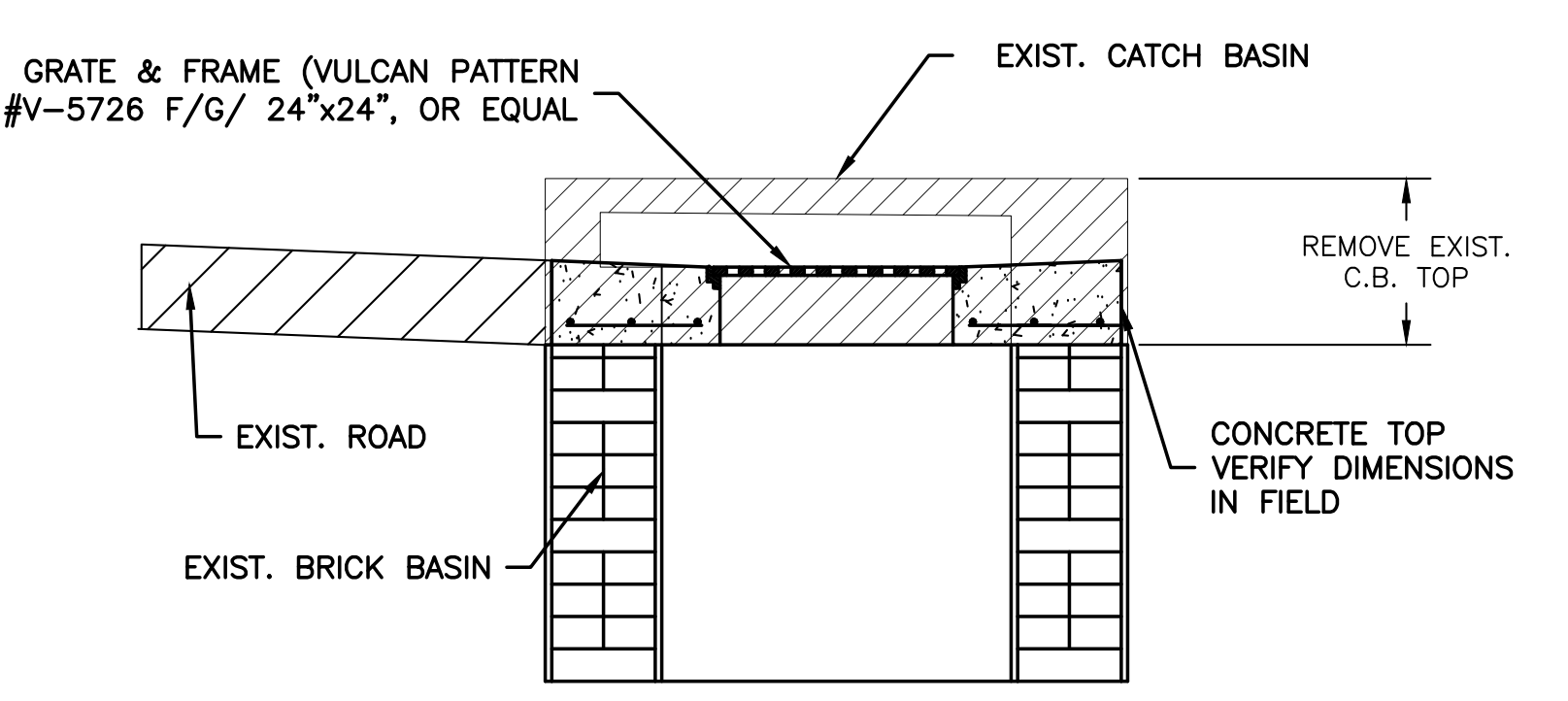
NOTE: SEE ST. BERNARD STANDARD DETAILS FOR PAVEMENT/JOINT DETAILS.

1
C100 C102
PARKING LOT SECTION
12

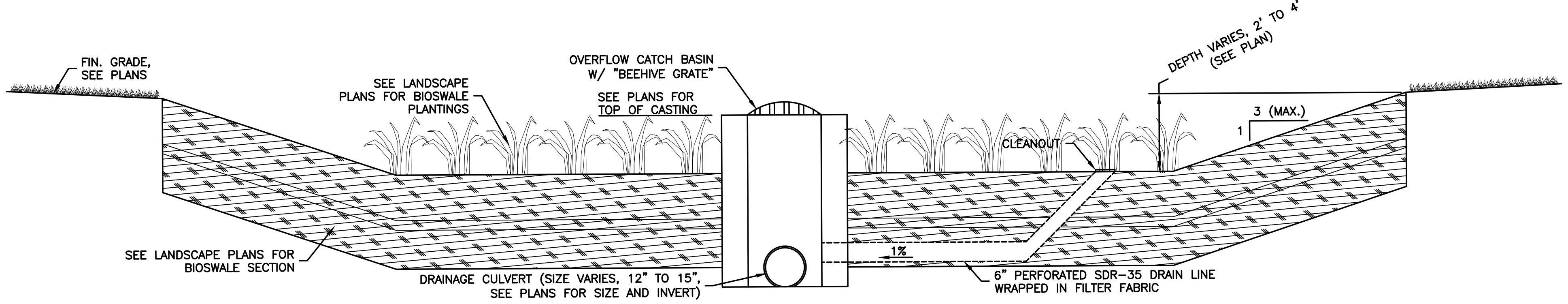


NOTE: SEE ST. BERNARD STANDARD DETAILS FOR PAVEMENT/JOINT DETAILS.

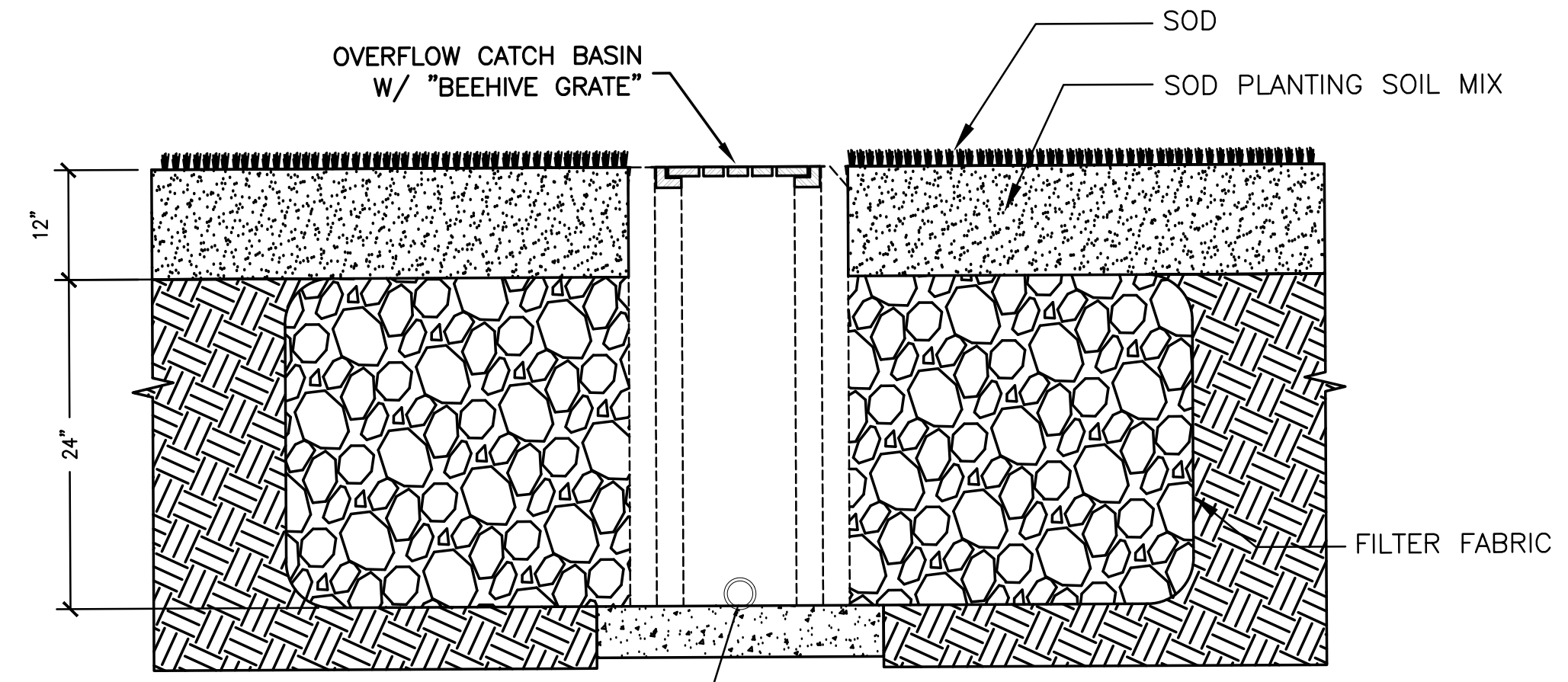
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C100 C102
EMPLOYEE PARKING LOT SECTION
12



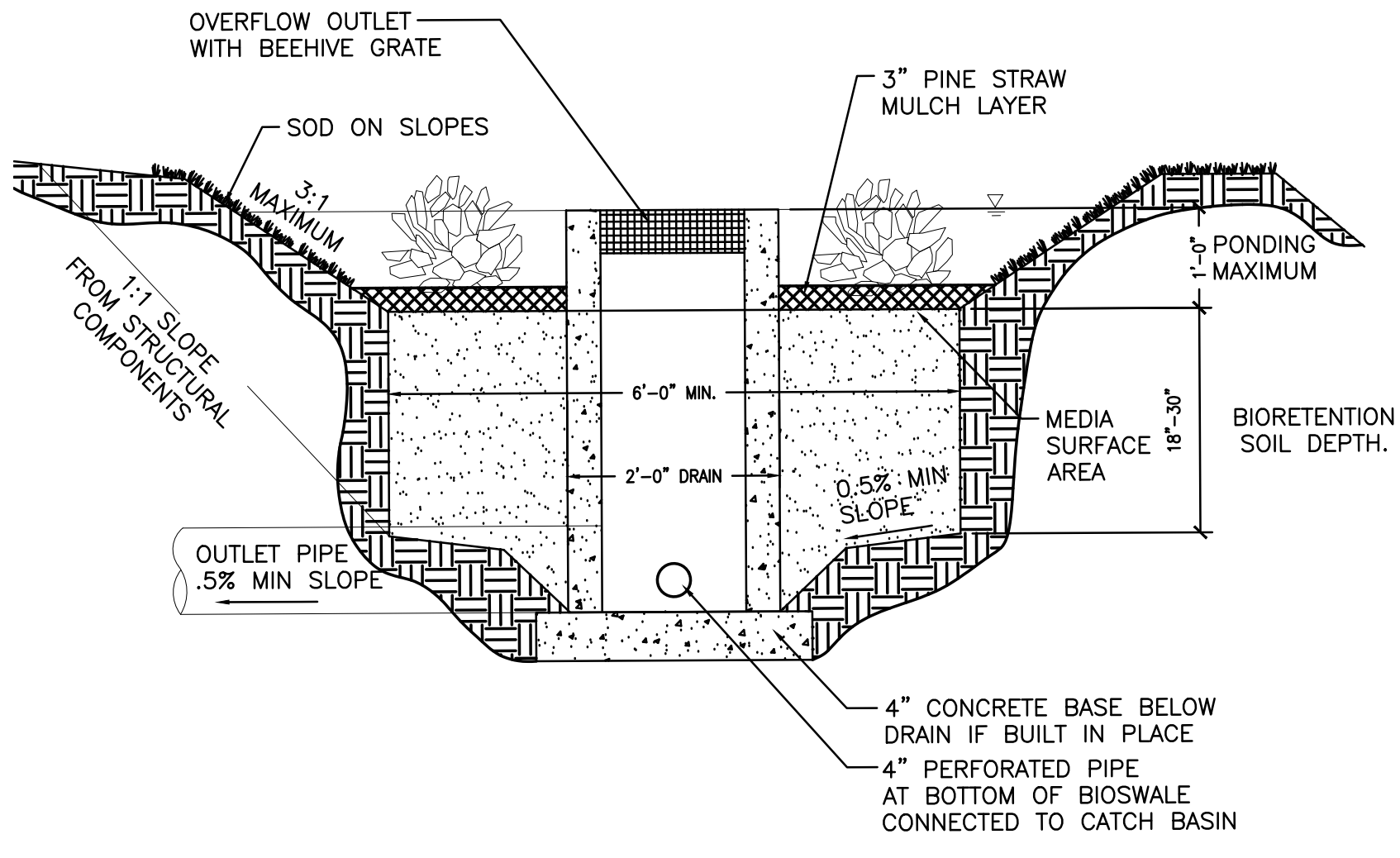
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C102
DROP INLET CONVERSION
NTS



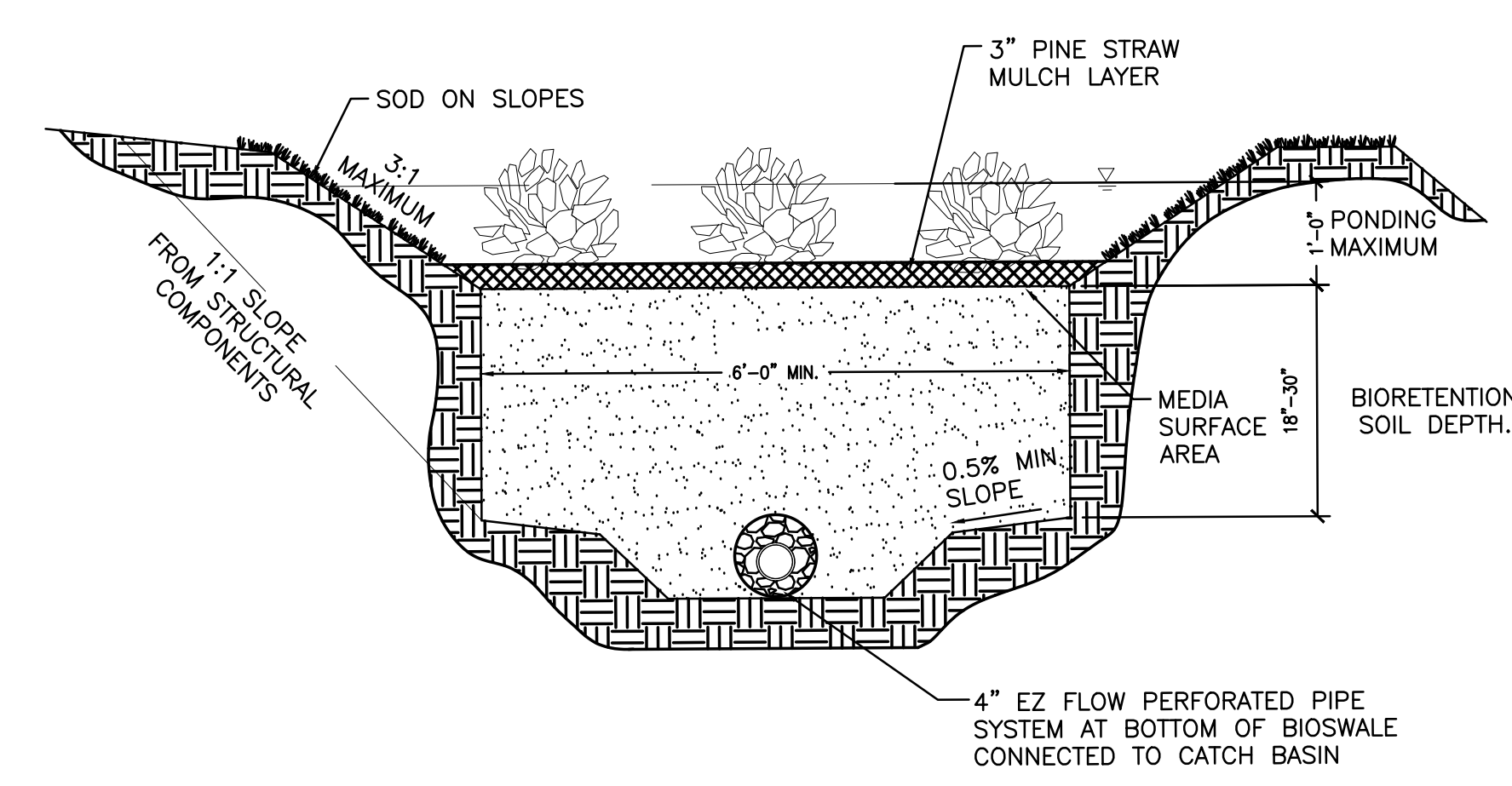
4
C102
BIOSWALE
NTS



6
C102
INFILTRATION TRENCH
NTS

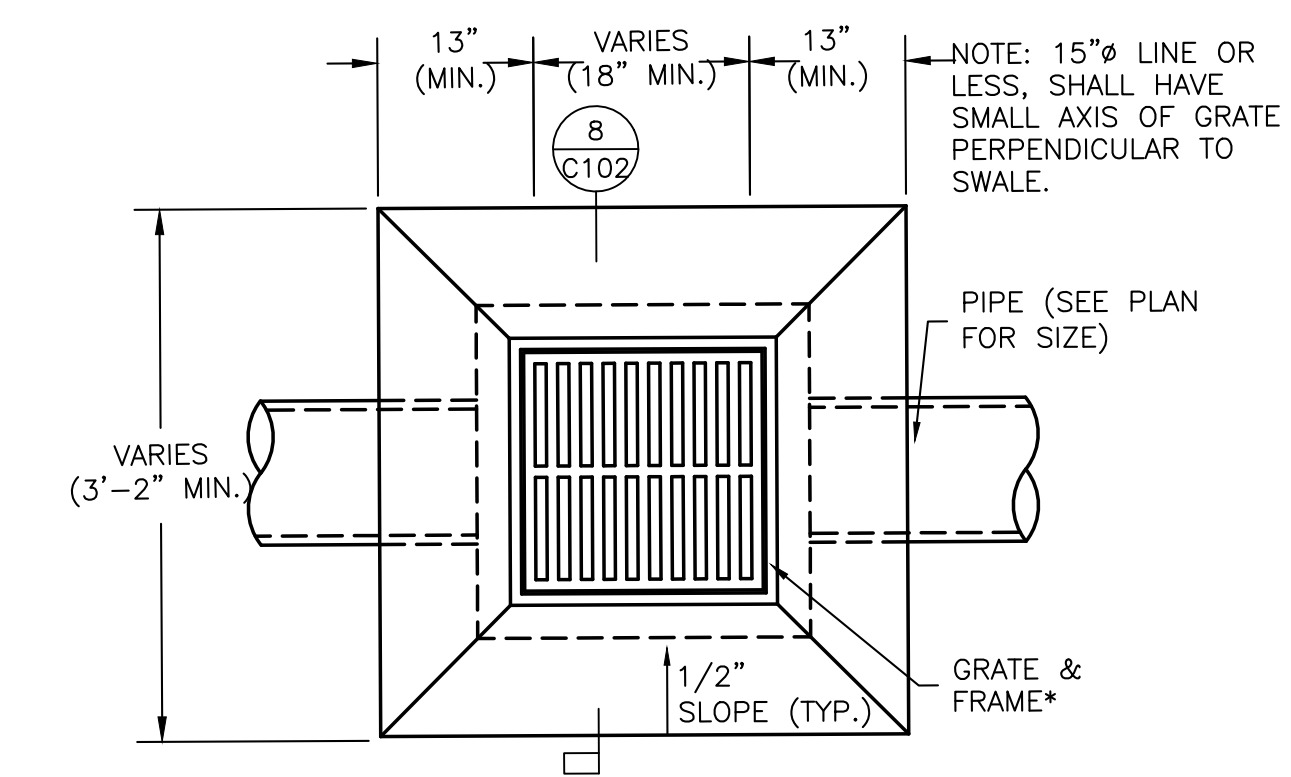


7
C102
BIOSWALE @ CATCH BASIN
NTS

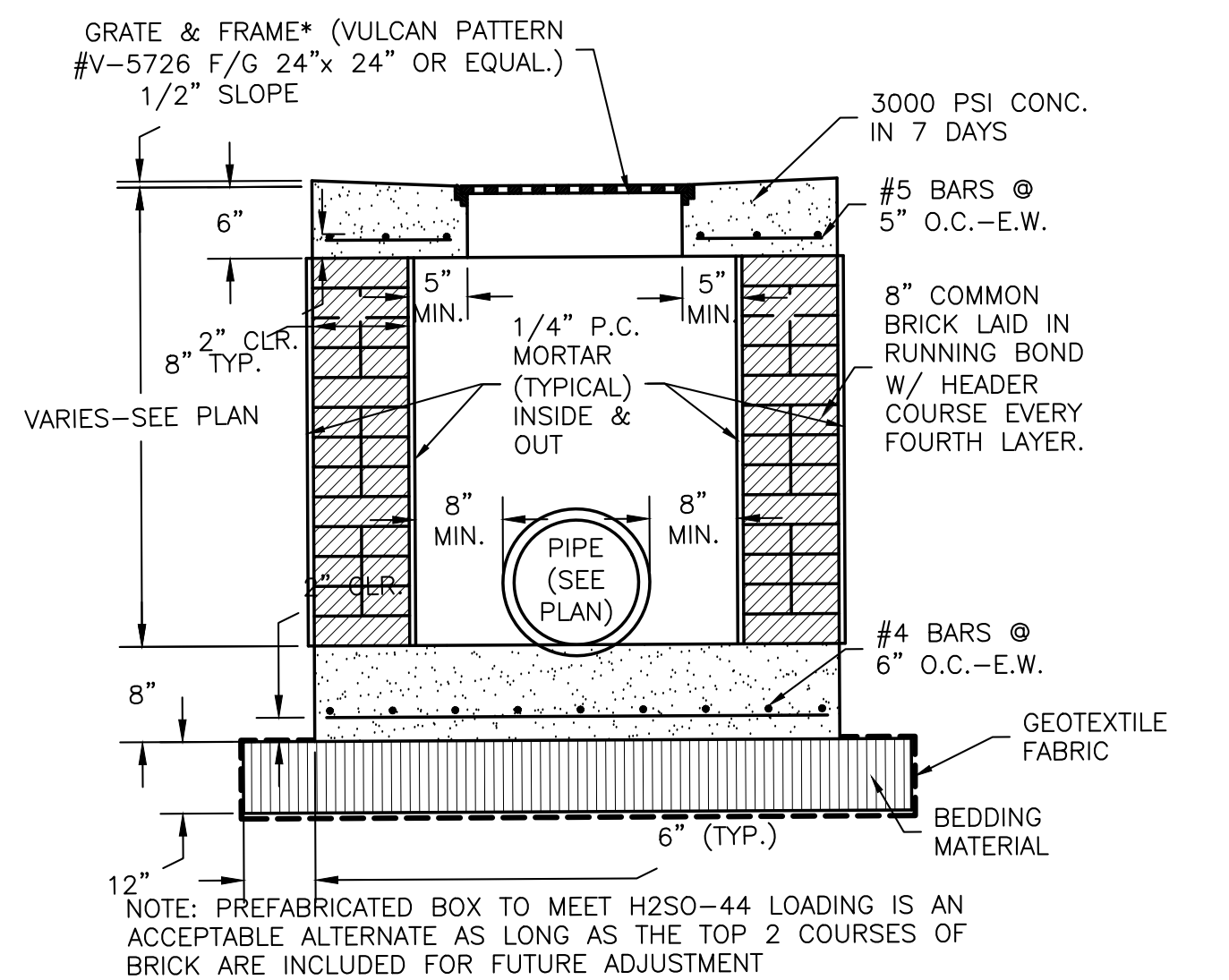


8
C102
BIOSWALE TYPICAL SECTION
NTS

5
C102
BEEHIVE GRATE
NTS



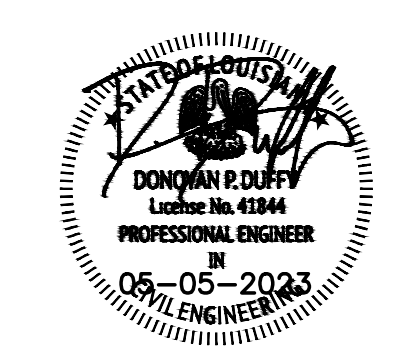
9
C102
DROP INLET - PLAN
NTS



10
C102
DROP INLET - SECTION
NTS

| No. | Description | Date |
|-----|-------------|------------|
| 6 | | 06/28/2024 |
| | | |
| | | |
| | | |

KEY PLAN



Mathes Briere + **BM**
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE

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PROJECT TITLE

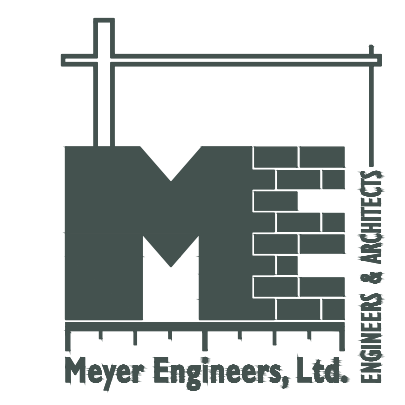
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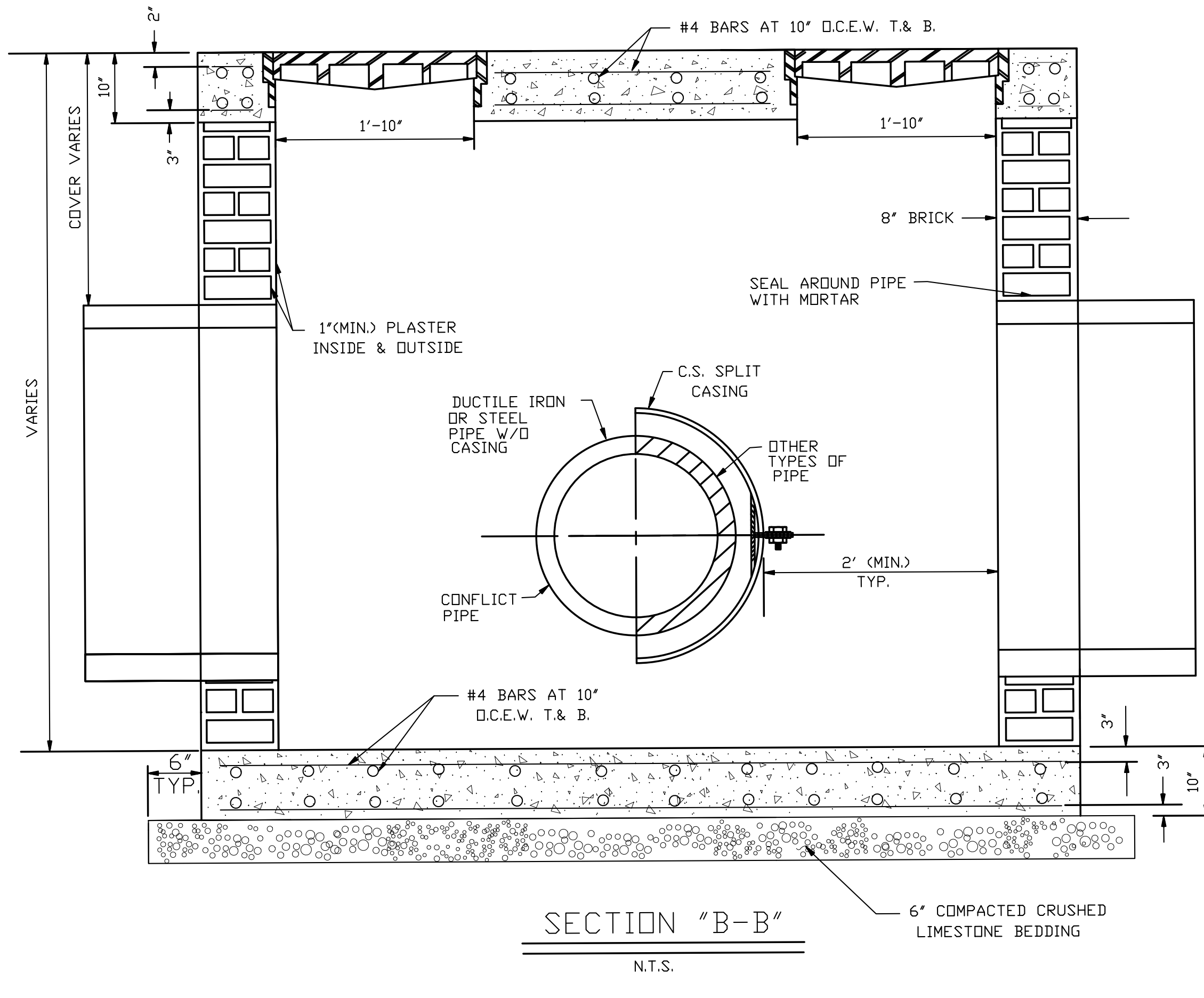
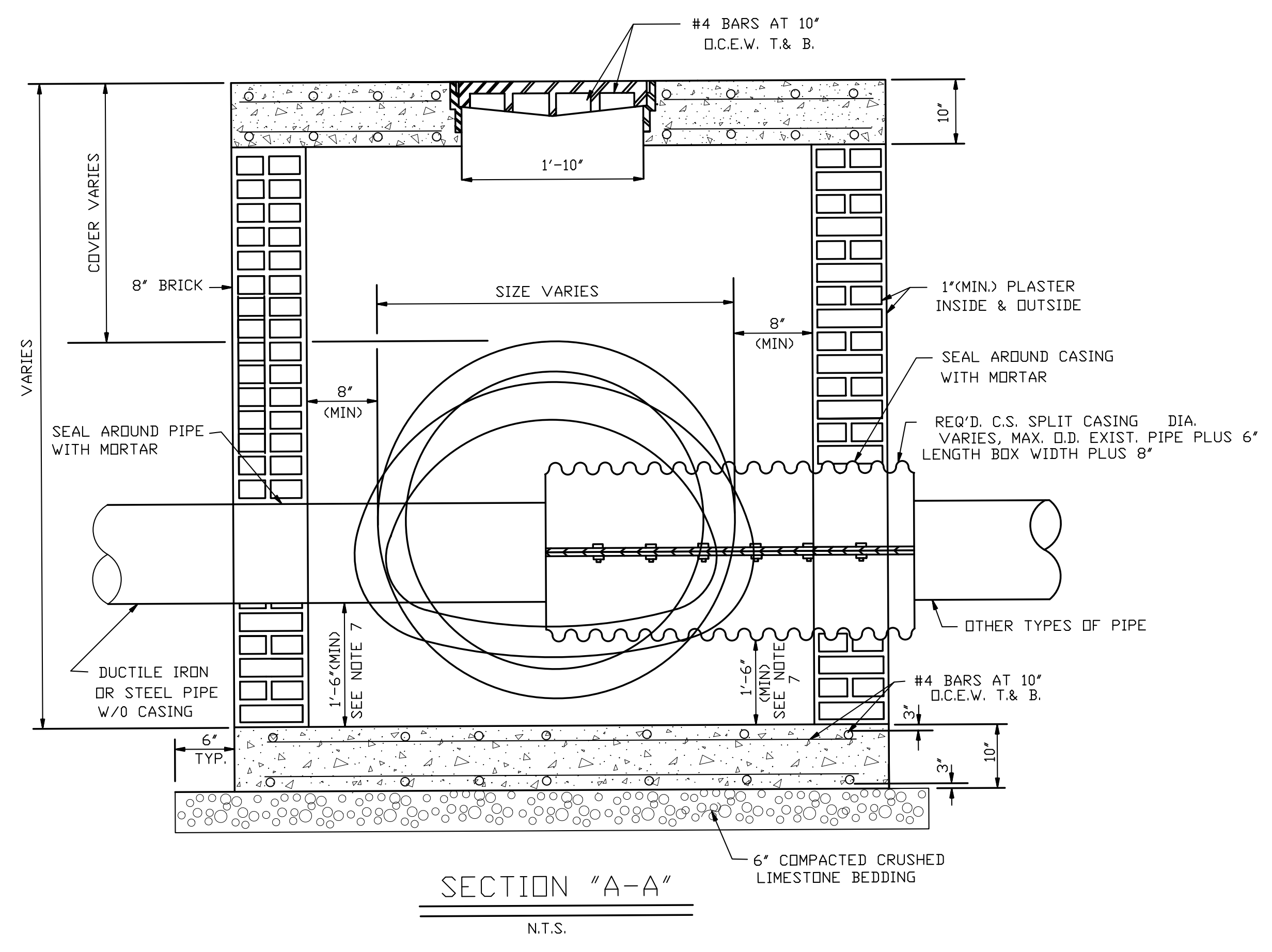
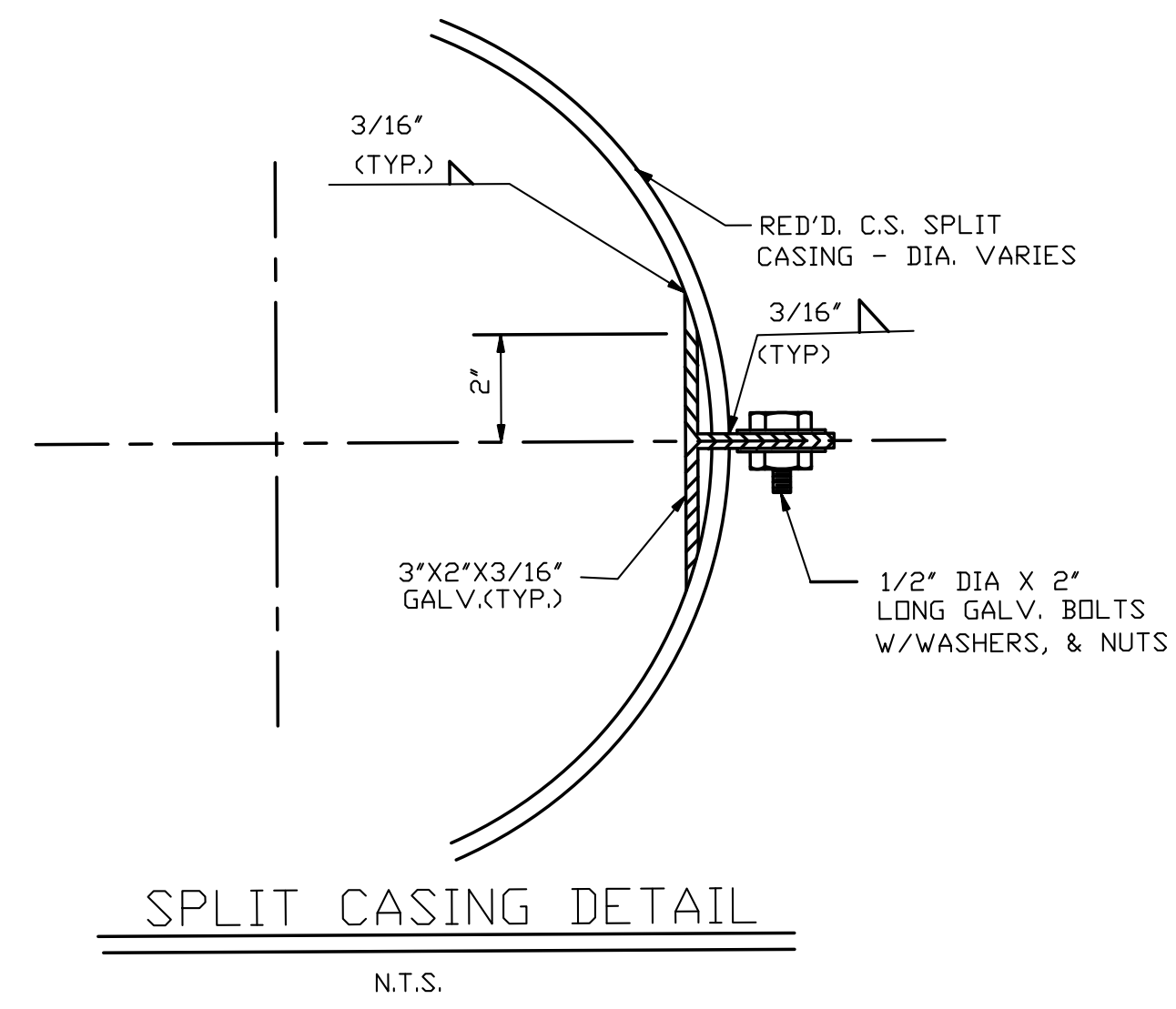
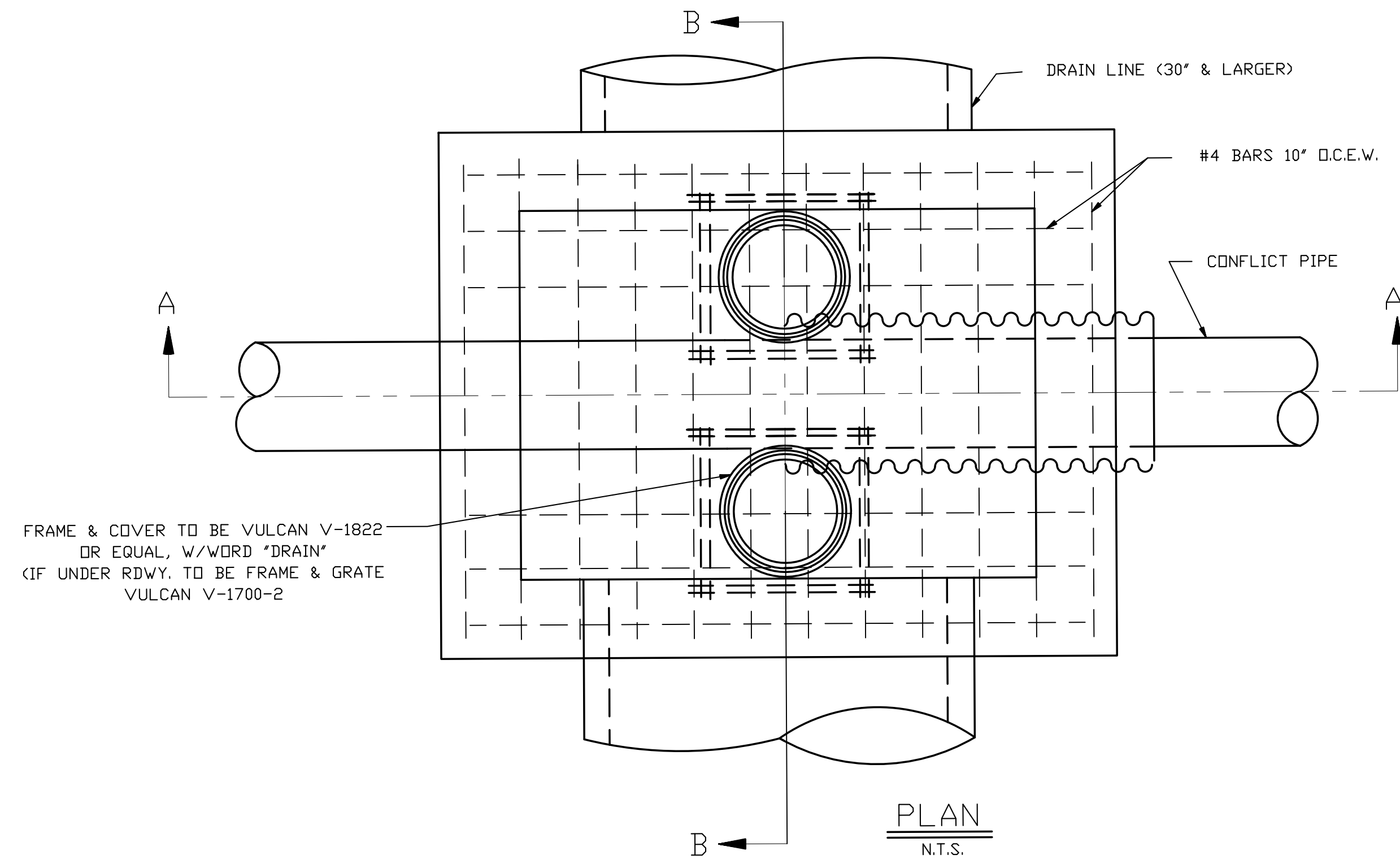
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| DESIGNED BY | DPD | CHECKED BY | DPD |
| DRAWN BY | AJS, CDR | DATE | 05.05.23 |
| SHEET TITLE | PAVING & DRAINAGE DETAILS | | |

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|-------------|--------------|-----------|------|
| PROJECT NO. | MBA - 11884 | SHEET NO. | C102 |
| | ABM - 201803 | | |



NOTES:

1. CONCRETE STRENGTH TO BE 3000 PSI (MIN) AT 28 DAYS.
2. REINFORCING STEEL SHALL CONFORM TO A.S.T.M. DESIGNATION A6150-GRADE 60.
3. ALL MASONRY TO BE LAID WITH RUNNING BOND AND HEADER COURSE, EVERY FOURTH LAYER.
4. THE MORTAR SHOULD BE TYPE "A", (C250 PSI COMPRESSION).
5. SPLIT CASING SHALL BE ASBESTOS BONDED BITUMINDUS COATED CORRUGATED STEEL, IN COMPLIANCE WITH SEC.701-LA, DDTD STD. SPEC. (1992 EDITION). THICKNESS SHALL BE A MINIMUM 8 GAUGE UNDATED.
6. THE BRICK SHALL CONFORM TO AASHTO DESIGNATION M91, MANHOLE BRICK GRADE MM.
7. IF BOTTOM ELEVATION OF THE CONFLICT IS ABOVE THE UPPER 3RD. OF THE INSIDE DIAMETER OF THE DRAIN LINE THE INVERT OF THE CONFLICT BOX COULD BE THE SAME AS THE INVERT OF THE DRAIN LINE SUBJECT TO THE APPROVAL OF THE PARISH.
8. ALL WATER LINES IN CONFLICT BOX SHALL BE DUCTILE IRON PIPE. OTHER PIPE MATERIAL SHALL BE INSTALLED IN SPLIT CASING.
9. THE EXTERIOR COATING OF ALL DUCTILE IRON PIPE AND FITTINGS PLACED IN THE GROUND SHALL CONSIST OF THE STANDARD BITUMINDUS COATING PLUS A POLYETHYLENE TUBE FOR ADDITIONAL PROTECTION. THE POLYETHYLENE TUBE SHALL BE EIGHT (8) MILS THICK. THE POLYETHYLENE TUBE AND ITS INSTALLATION PROCEDURES SHALL BE IN ACCORDANCE WITH THE SPECIFICATION OF ANSI-A21.5 AND AWWA-C105.

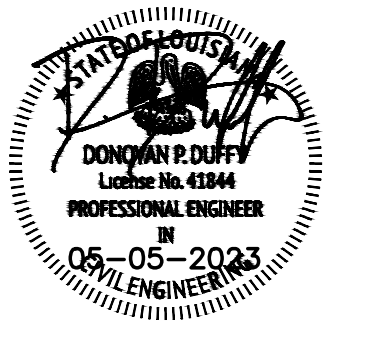


CONFLICT BOX
N.T.S.

1 CONFLICT BOX DETAILS AND NOTES
C102 NTS

| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |
| | | |
| | | |

KEY PLAN



Mathes Briere + ARCHITECTS
ARCHITECTS BEAZLEY MOLIERE
A JOINT VENTURE

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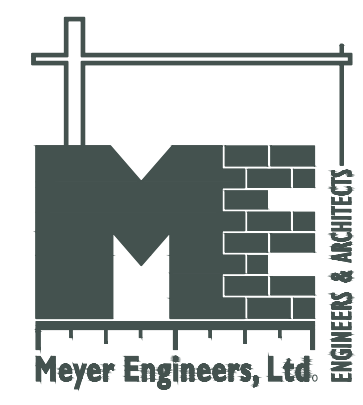
PROJECT TITLE

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| DESIGNED BY DPD | CHECKED BY DPD |
| DRAWN BY AJS, CDR | DATE 05.05.23 |
| SHEET TITLE CONFLICT BOX DETAILS | |
| PROJECT NO. MBA - 11884 ABM - 201803 | SHEET NO. C103 |



GENERAL:

- CONTRACTOR IS RESPONSIBLE FOR CLEANING UP ALL DIRT OFF THE STREET AS A RESULT OF HIS CONSTRUCTION ACTIVITIES DURING CONTRACT PERIOD.
- CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DAMAGE TO ADJOINING PARCELS WHICH RESULTED FROM HIS CONSTRUCTION ACTIVITIES.
- BRIDGE APPROACH SLABS OR SLABS AT SPECIAL LOCATIONS SHALL BE DESIGNED TO ACCOMMODATE FIELD REQUIREMENTS AND CONDITION, SUBJECT TO APPROVAL BY THE PARISH ENGINEER.
- CONTRACTOR IS REQUIRED TO EXTEND EMBANKMENT/SUB-BASE MINIMUM OF 2 FEET BEYOND THE EDGE OF CONCRETE PAVEMENT OR ONE FOOT OF BASE COURSE (STONE).
- CONTRACTOR WILL KEEP ONE LANE OF TRAFFIC OPEN AT ALL TIMES.
- AS IS POSSIBLE WITHOUT COST, THE GUTTER LINE OF THE ROADWAY SHALL BE ADJUSTED FOR SMOOTH FLOW OF SURFACE RUN-OFF TO THE NEAREST DRAINAGE INLET.
- ALL TRAFFIC CONTROL DETAILS SHALL BE APPROVED BY THE PARISH ENGINEER.
- ALL DRAWINGS / DETAILS / FIGURES INCLUDED IN THESE DOCUMENTS ARE STANDARD AND ARE SUBJECT TO ADJUSTMENTS DICTATED BY ENGINEER OR EXISTING FIELD CONDITIONS.
- ALL EX. STRUCTURES AFFECTED BY CONSTRUCTION SHALL BE ADJUSTED TO MEET PROP. GRADE AND ALIGNMENT.
- THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING UTILITIES (PRIVATE AND PUBLIC) INCLUDING STORM DRAINAGE PIPES OR STRUCTURES) BEFORE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH, AND SIZE OF ALL UNDERGROUND UTILITIES AND STRUCTURES AND SHALL BE LIABLE FOR ANY DAMAGE CAUSED BY FAILURE TO COMPLY WITH THESE INSTRUCTIONS (NO DIRECT PAY).
- THE CONTRACTOR SHALL FIELD VERIFY THE LENGTH AND SIZE OF ALL REQUIRED EXISTING LINES PRIOR TO ORDERING THE MATERIAL.
- IN THE EVENT OF ANY DISCREPANCIES AND / OR ERRORS FOUND IN THE DRAWINGS, OR IF PROBLEMS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL BE REQUIRED TO NOTIFY THE ENGINEER BEFORE PROCEEDING WITH THE WORK. IF ENGINEER IS NOT NOTIFIED, THE CONTRACTOR SHALL TAKE RESPONSIBILITY FOR THE COST OF ANY WORK AND MATERIALS USED.
- THE CONTRACTOR IS RESPONSIBLE FOR MONITORING CONDITIONS THROUGHOUT THE CONSTRUCTION PERIOD AND CLEARING ANY DEBRIS AND SEDIMENT CAUSED BY CONSTRUCTION. STORM DRAINAGE SYSTEMS ARE TO BE CLEANED AT THE COMPLETION OF THE PROJECT. (NO DIRECT PAY).
- PRIOR TO COMMENCING ANY WATER LINE INSTALLATION, CONTRACTOR SHALL INVESTIGATE LOCATIONS OF PUBLIC AND PRIVATE UTILITIES THAT MAY BE IN CONFLICT WITH THE WATER LINE INSTALLATION.
- CONTRACTOR TO TAKE NECESSARY PRECAUTIONS TO PREVENT WATER LINE FAILURE DUE TO THRUST WHEN EXCAVATING NEAR WATER LINES AND FIRE HYDRANTS.
- WARNING: CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING OVERHEAD AND SUBSURFACE UTILITIES IN AREA OF CONSTRUCTION. NO WORK IN THIS AREA SHALL BE THROUGHLY COORDINATED WITH UTILITY COMPANY OWNER. COORDINATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- NOISE CONTROL - CONTRACTOR SHALL TAKE REASONABLE MEASURES TO AVOID UNNECESSARY NOISE APPROPRIATE FOR THE AMBIENT SOUND LEVELS IN THE AREA DURING WORKING HOURS. ALL CONSTRUCTION MACHINERY AND VEHICLES SHALL BE EQUIPPED WITH PRACTICAL SOUND MUFFLING DEVICES, AND OPERATED IN A MANNER TO CAUSE THE LEAST NOISES, CONSISTENT WITH EFFICIENT PERFORMANCE OF THE WORK.
- DUST - CONTRACTOR SHALL TAKE REASONABLE MEASURES TO PREVENT UNNECESSARY DUST. EACH SURFACE SUBJECT TO DUSTING SHALL BE KEPT MOIST WITH WATER OR BY APPLICATION OF CHEMICAL DUST SUPPRESSANT. DUSTY MATERIALS IN PILES OR IN TRANSIT SHALL BE COVERED TO PREVENT BLOWING (NO DIRECT PAY).
- CONTRACTOR SHALL GIVE THOSE AFFECTED BY CONSTRUCTION 48 HOURS NOTICE PRIOR TO DISRUPTION OF DRIVEWAYS, DRIVEWAYS, OR TEMPORARY DRIVEWAYS SHALL BE OPEN AT ALL TIMES. CONTRACTOR TO GIVE ALL RESIDENTS AT LEAST 48 HOURS NOTICE PRIOR TO DISRUPTION OF WATER SERVICE DUE TO THE WORK OR ANY OTHER RELATED WORK THAT WILL DISRUPT NORMAL WATER SERVICE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR STABILIZING THE EXISTING BASE COURSE UNDER EXISTING PAVEMENT BEYOND THE LIMITS OF REMOVAL. NO DIRECT PAYMENT SHALL BE MADE FOR ADDITIONAL GRANULAR MATERIAL, OR BASE MATERIAL UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- CONTRACTOR SHALL REGRADE ALL AREAS AFFECTED BY CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE. WORK SHALL BE IN A WORKMAN LIKE MANNER AND IN ACCORDANCE WITH A/E REQUIREMENTS. IF CONTRACTOR DETERMINES THAT ANY AREAS AFFECTED BY CONSTRUCTION CANNOT BE REGRADED TO DRAIN, CONTRACTOR SHALL DOCUMENT (I.E. TAKE ELEVATIONS, PICTURES, ETC.) THE EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
- ANY MATERIALS REMOVED DURING CONSTRUCTION AND DEEMED UNSALEABLE SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND HAILED OFF SITE TO A LOCATION APPROVED BY THE ST. BERNARD PUBLIC WORKS DEPT. BEYOND THE LIMITS OF THE PROJECT AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL PROVIDE FOR AND MAINTAIN THROUGH AND LOCAL TRAFFIC AT ALL TIMES AND SHALL CONDUCT OPERATIONS IN SUCH A MANNER AS TO CAUSE THE LEAST POSSIBLE INTERFERENCE WITH TRAFFIC AND BUSINESS.
- CONTRACTOR SHALL MAINTAIN DRAINAGE AT ALL TIMES AND MAY BE REQUIRED TO CUT TEMPORARY DRAINAGE TRENCHES IN SHOULDER AS DIRECTED BY THE PROJECT ENGINEER. ANY MATERIAL DEPOSITED IN ANY DRAINAGE FEATURE (DITCHES, CROSS DRAINS, ETC.) DURING CONSTRUCTION SHALL BE CLEANED OUT BEFORE FINAL ACCEPTANCE BY THE CONTRACTOR.
- RAISED PAVEMENT MARKERS SHALL BE PLACED AS DIRECTED BY THE PROJECT ENGINEER. COST SHALL BE INCLUDED IN PRICE BID FOR ITEM NO. 731-02-00100.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LAYING OUT THE WORK AND VERIFYING ALL MEASUREMENTS AND GRADES PRIOR TO BEGINNING OF CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH THE PROJECT CENTERLINE AND ANY NECESSARY TEMPORARY BENCH MARKS FOR CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DESTROYING EXISTING MONUMENTS AND SCROSS CUTS, ETC.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO ESTABLISH GRADES TO ASCERTAIN POSITIVE DRAINAGE TO THE NEAREST CATCH BASINS OR DROP INLETS WITHOUT HOLDING WATER IN ROADWAYS.

CONCRETE ROADWAY

- ALL CONCRETE ROADWAY DIRECTLY AFFECTED BY CONSTRUCTION OR DAMAGED AS THE RESULT OF THE CONTRACTOR'S OPERATION SHALL BE REMOVED AND REPLACED FROM JOINT TO JOINT, UNLESS OTHERWISE DIRECTED BY THE ENGINEER AND APPROVED BY ST. BERNARD PARISH.
- TRANSVERSE / EXPANSION OR CONTRACTION / LONGITUDINAL AND CONSTRUCTION JOINTS SHALL ALL BE INSTALLED IN ACCORDANCE WITH ST. BERNARD PARISH STANDARDS. IN CASES WHERE THE SECTION OF ROADWAY TO BE RESTORED ADJUTS AN EXISTING ROADWAY, ALL TRANSVERSE AND LONGITUDINAL JOINTS SHALL LINE UP AND BE OF THE SAME TYPE AS THE EXISTING JOINTS (EXPANSION, CONTRACTION, ETC.) AND, IN ADDITION, INCLUDE THE MINIMUM NUMBER AND SPACING OF EXPANSION JOINTS SHOWN IN THE STANDARDS.
- PRIOR TO RESTORATION OF THE ROADWAY, THE ENGINEER SHALL FORWARD TO THE PARISH ENGINEER A CONCRETE MIX SUBMITTAL PREPARED BY A REPUTABLE TESTING LABORATORY FOR APPROVAL.
- THE THICKNESS OF THE CONCRETE PAVEMENT IS AS SHOWN IN THE CONCRETE PAVEMENT DETAIL.
- THE FINAL ROADWAY SHALL HAVE 'BURLAP SACKDRAG FINISH' AS STIPULATED UNDER LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES' LATEST EDITION.
- DENSITY TESTS WILL BE REQUIRED FOR ALL ROADWAY BASE MATERIALS WHERE REQUIRED IN THE CONTRACT. THE CONTRACTOR SHALL NOT BE ALLOWED TO RESTORE THE ROADWAY UNTIL ALL DENSITY TESTS HAVE BEEN COMPLETED AND THE RESULTS MEET REQUIREMENT OF PUBLIC WORKS SPECIFICATIONS.
- THE CONTRACTOR SHALL GIVE A MINIMUM NOTICE OF 24 HOURS (EXCLUDING WEEKENDS AND HOLIDAYS) TO THE ENGINEER AND THE ASSIGNED TESTING LABORATORY PRIOR TO THE POURING OF ANY CONCRETE FOR ROADWAY RESTORATION.
- CONCRETE REQUIREMENTS - SEE TECH. SPECIFICATIONS.
- THE PAVEMENT SHALL NOT BE OPENED TO TRAFFIC UNTIL A COMPRESSIVE STRENGTH OF 4,000 PSI IS ATTAINED. IN NO CASE SHALL THE PAVEMENT BE OPENED TO TRAFFIC WITHIN A THREE (3) DAY PERIOD AFTER THE CONCRETE HAS BEEN PLACED.
- DENSITY REQUIREMENTS (STANDARD PROCTOR)
 - BASE COURSE (SAND) - 97%
 - BASE COURSE (STONE) - 85%
 - SUB-BASE (SAND) - 97%
- TESTING REQUIREMENTS: (SUBJECT TO ADJUSTMENT BY ENGINEER)
 - ONE BASE THICKNESS VERIFICATION PER EACH PATCH LOCATION (FULL WIDTH ROADWAY REPAIR WILL BE CONSIDERED TWO PATCH LOCATIONS IF WORK IS PERFORMED IN TWO CONSTRUCTION STAGES)
 - ONE DENSITY TEST ON SUB-BASE (IF APPLICABLE) AND BASE MATERIAL PER EACH PATCH LOCATION (FULL WIDTH ROADWAY REPAIR WILL BE CONSIDERED TWO PATCH LOCATIONS IF WORK IS PERFORMED IN TWO CONSTRUCTION STAGES)
 - ONE SLUMP TEST MINIMUM PER 50 CUBIC YARDS OF CONCRETE OR FRACTION THEREOF.
 - THREE (3) CYLINDERS MINIMUM PER 50 CUBIC YARDS OF CONCRETE OR FRACTION THEREOF.

WATER DISTRIBUTION SYSTEM:

- THE CONTRACTOR SHALL FURNISH ALL LABOR, SUPERVISION, MATERIALS, EQUIPMENT, SERVICES AND PERMITS NECESSARY TO CONSTRUCT THE WATER DISTRIBUTION SYSTEM AS SHOWN ON THE PLANS.
- PRIOR TO SUBMITTING A BID THE CONTRACTOR SHALL OBTAIN THE REQUIREMENTS OF THE WATER AUTHORITY (ST. BERNARD PARISH). WORK IS TO BE PERFORMED AND INCLUDE THE COSTS OF THESE REQUIREMENTS IN THE PRICE BID FOR THE WORK. THE TYPE OF MATERIALS AND THE MANUFACTURER'S BRAND OF PIPE, VALVES, HYDRANTS, ETC., REQUIRED BY THE WATER AUTHORITY WILL BE USED. WHENEVER, THE REQUIREMENTS OF THE WATER AUTHORITY ARE MORE STRINGENT THAN THESE SPECIFICATIONS, THEY WILL BE FOLLOWED.
- INCLUDED IN THE WORK SHALL BE A COMPLETE DISTRIBUTION SYSTEM INCLUDING ALL FITTINGS, VALVES, TIENS, CONNECTIONS, THRUST BLOCKS, CHLORINATION AND PRESSURE TESTING. THE CONTRACTOR SHALL INCLUDE IN HIS BID ALL OF THE FITTINGS AND LENGTHS OF PIPE NECESSARY TO AVOID CONFLICTS WITH OTHER UTILITIES AND STRUCTURES.
- WATER MAINS TO BE POLYVINYL CHLORIDE GASKET JOINT CLASS 150 (C-900) WITH "FLUID TITE" COUPLINGS CONFORMING TO ASTM D1744. RUBBER GASKETS TO BE ASTM D1869, UNLESS OTHERWISE NOTED ON PLANS. ALL POLYETHYLENE(PE) PLASTIC TUBING 3/4" THROUGH 2" SHALL BE PS 3408 CONFORMING TO ASTM D2737. USE APPROPRIATE BRASS FITTINGS FOR CONNECTIONS.
- FITTINGS SHALL BE MANUFACTURED BY AND/OR RECOMMENDED FOR USE ON THE PIPE BY THE PIPE MANUFACTURER.
- USE NECESSARY FITTINGS TO AVOID CONFLICTS WITH OTHER UTILITIES.
- THE CONTRACTOR SHALL FURNISH AN "AS-BUILT" PLAN SHOWING THE LOCATION OF ALL VALVES, HYDRANTS, TEES, BENDS, ETC., AND DISTANCES BETWEEN AND TO THE BUILDINGS LINES.
- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES.
- THE CONTRACTOR SHALL USE APPROVED 8" FITTINGS TO PROVIDE 18" VERTICAL CLEARANCE AND 6" HORIZONTAL CLEARANCE BETWEEN SEWER AND WATER LINES. SEWER LINE SHALL BE LOWER IN ELEVATION THAN WATER LINE.
- THE WATER LINES SHALL PASS A HYDROSTATIC PRESSURE TEST OF 100 PSI FOR ONE HOUR AND LEAKAGE EXCEEDS 2 GALLONS PER 100 FEET. DIAMETER OF PIPE, ST. BERNARD PARISH REPRESENTATIVES SHALL BE PRESENT FOR TESTING AND CHLORINATION. THE CONTRACTOR SHALL PROVIDE THE EQUIPMENT NECESSARY FOR THE PRESSURE TEST. TEST SHALL BE REVIEWED BY INDEPENDENT TESTING LAB.
- ALL UTILITY UNDER STREETS TO BE BACK-FILLED WITH SAND OR OTHER SUITABLE MATERIAL APPROVED BY ENGINEER AND COMPACTED TO 97% STD. PROCTOR, PRIOR TO REPAVING.
- ALL WATER LINES ARE TO BE STERILIZED IN ACCORDANCE WITH AWWA STD C-601 AND APPROVED BY THE LOUISIANA DEPARTMENT OF HEALTH AND HOSPITAL BEFORE BEING PLACED IN SERVICE.
- CONTRACTOR SHALL INSTALL A PLASTIC BONDED SOLID 16 GAUGE COPPER WIRE ON THE TOP OF ALL NEWLY CONSTRUCTED WATER MAINS. THE WIRE IS TO BE CONSPICUOUS ALONG THE ENTIRE LENGTH OF THE PIPE AND GROUNDED TO GATE VALVES, FIRE HYDRANTS OR FLUSHING VALVES. ADDITIONALLY, BLUE, 2" WARNING TAPE SHALL BE PLACED 12 INCHES DEEP AND ABOVE ALL WATER LINES.
- ALL TRENCHES UNDER EXISTING OR PROPOSED ROADS SHALL BE COMPACTED TO 97% (ASTM D-698). THE MAXIMUM WIDTH OF TRENCH SHALL NOT EXCEED THE OUTSIDE DIAMETER OF THE PIPE TO BE LAID PLUS TWO (2)" FEET.
- ALL VALVES SHALL HAVE A THREE PIECE CAST IRON VALVE BOX INSTALLED AND ADJUSTED TO FINISH GRADE. VALVE BOXES SHALL BE MANUFACTURED BY TYLER CORPORATION, SERIES 6850 OR APPROVED EQUAL.
- EACH VALVE BOX SHALL HAVE A 24" SQUARE OR 24" ROUND BY 4" THICK CONCRETE PAD, EITHER POURED IN PLACE OR PREFABRICATED AND PLACED. PREFABRICATED PADS MUST BE BY SOUTHERN METER BOX, INC., ALEXANDRIA, LOUISIANA OR APPROVED EQUAL.
- ALL GATE VALVES 3" OR LARGER SHALL CONFORM WITH AWWA C-509-94. RESILIENT SEATED GATE VALVES WITH 200 PSI WORKING PRESSURE FOR WATER SUPPLY SERVICE. GATE VALVES SHALL BE STAINLESS STEEL MUELLER SERIES 2060 TAPPING SLEEVES FOR PVC, AC, AND DI SHALL BE STAINLESS STEEL WITH A STAINLESS STEEL FLANGE AS MANUFACTURED BY MUELLER, CLOW, M&H OR KENNEDY.
- ALL MATERIALS NOT LIMITED TO SADDLES, BRASS FITTINGS, STOPS, VALVES, AND HYDRANTS SHALL BE MANUFACTURED BY MUELLER.
- ALL FIRE HYDRANTS SHALL BE OF A TYPE AS APPROVED BY THE WATER SYSTEMS UTILITY COMPANY AND/OR AS APPROVED BY THE LOCAL FIRE DISTRICT. THE CONTRACTOR TO CONFIRM TYPE PRIOR TO INSTALLATION. IF NONE IS SPECIFIED, THEN FIRE HYDRANTS TO BE MUELLER SUPER CENTURION 250HS, MEETING AWWA C-502-94.
- HYDRANTS SHALL BE OF HIGH SECURITY WITH INTEGRAL CHECK VALVE AS MANUFACTURED BY MUELLER. FIRE HYDRANT SHALL BE MARKED WITH A BLUE REFLECTOR IN THE CENTER OF THE STREET.
- ALL FIRE HYDRANTS SHALL HAVE AT LEAST THREE OUTLETS PER HYDRANT. ONE SHALL BE A STREAMER CONNECTION TO ALLOW FIRE APPARATUS TO PROVIDE WATER FROM HYDRANT TO THE APPARATUS AND THERE SHALL BE AT LEAST TWO 2.5 INCH OUTLETS WITH NATIONAL STANDARD THREADS.
- CONTRACTOR IS RESPONSIBLE FOR THE COST OF ALL TESTING AND CHLORINATION ASSOCIATED WITH VERIFYING THAT CONSTRUCTION IS IN COMPLIANCE WITH PLANS AND SPECIFICATIONS.
- A 4" PVC SCHEDULE 40 PIPE SHALL BE LAID UNDER ALL NEW LINES THAT DO NOT HAVE WATER LINES ON EACH SIDE OF THE ROAD. THE PIPE SHALL BE SET WITH EACH PROPERLY LINE ON THE OPPOSITE SIDE OF THE ROAD FROM THE WATER LINE. THE PIPE SHALL BE BETWEEN 18" TO 24" IN DEPTH AND SHALL EXTEND OUTWARD 12" PAST THE OUTER EDGE OF THE COMPACTED SUB-BASE AND SHALL BE CAPPED ON EACH END. SHALL BE MARKED BY IMPRESSING LETTER "W" IN THE FACE OF THE STREET CURB, EDGE OF THE STREET, OR MARKED WITH AN APPROVED MARKER.
- CONTRACTOR SHALL MAKE THE TAP TO THE EXISTING WATER MAIN WITH REPRESENTATIVE OF WATER DEPT. PRESENT.
- ALL PLUGS, DEAD ENDS, TEES, CROSSES, BENDS, AND HYDRANT TEES SHALL BE RESTRAINED WITH SOCKET CLAMPS, 3/4" STAINLESS STEEL RODS, OR RESTRAINED FITTINGS FOR AT LEAST 60' ON EITHER SIDE OF THE FITTING, AND INSTALLED WITH ADEQUATE THRUST BLOCKING.
- ALL FIRE HYDRANTS SHALL BE INSTead ON THE PROJECTION OF THE PROPERTY LINE AND WITHIN THE ROAD RIGHT OF WAY. FIRE CONNECTIONS TO THE MAIN SHALL BE CONFIGURED WITH A TEE ON THE MAIN WITH A 6" FLANGED CONNECTION, FLANGED ISOLATION VALVE, AND A FLANGED HYDRANT. FIRE HYDRANT SPACING SHALL BE 400' OR AS REQUIRED/ APPROVED BY THE PARISH FIRE DEPARTMENT.

DRAINAGE NOTES:

- PLASTIC PIPE SHALL BE RIBBED POLYVINYL CHLORIDE CULVERT PIPE AND SHALL CONFORM TO ASTM F794, SERIES 46. ONLY PIPE ON THE STATE OF LOUISIANA QUALIFIED PRODUCTS LIST 86 WILL BE PERMITTED WITH TYPE 3 JOINTS.
- ALL PIPE JOINTS SHALL BE WRAPPED WITH A 36" WIDE PIECE OF PLASTIC FILTER CLOTH (L.A. D.O.T.D. SPECIFICATIONS FOR ROADS AND BRIDGES 2016 EDITION, SECTION 1019) CENTERED ON THE JOINT AND LAPPED 36".
- TRENCHES WITHIN STREET RIGHT-OF-WAY SHALL BE BACKFILLED WITH PLUMPED RIVER SAND. OTHER TRENCHES MAY BE BACKFILLED WITH SELECT MATERIAL FROM EXCAVATION.
- DRAIN DITCHES CROSSING THE RIGHT-OF-WAY SHALL BE MUCKED OUT (MINIMUM OF 24") OR UNTIL GOOD SOIL IS REACHED WHICHEVER IS GREATER AND FILLED WITH PLUMPED RIVER SAND. WHERE DITCHES CROSS THE LOTS, IT SHALL BE MUCKED OUT AND FILLED WITH SELECT MATERIAL AND MATERIAL FROM EXCAVATION.
- THE CONTRACTOR SHALL PREPARE AND FURNISH THE ENGINEER WITH AN AS-BUILT DRAINAGE PLAN SHOWING STREET GRADES. ALL STRUCTURES MUST BE LOCATED BY STATIONS TIED TO A KNOWN POINT SUCH AS A PROPERTY CORNER OR CROSSES AT CENTERLINE OF THE STREETS. CONTRACTOR MUST OBTAIN TOP OF CASTINGS, ELEVATIONS AND INVERTS OF ALL DRAINAGE STRUCTURES.
- CONTRACTOR TO USE PROPER PIPE PULLER DEVICES (MECHANICAL DEVICE) FOR TIGHTENING JOINTS FOR 36" DIAMETER RCP AND LARGER.
- BEDDING FOR ALL DRAIN PIPE SHALL CONFORM TO THE PIPE MANUFACTURERS' REQUIREMENTS.
- BACKFILL MATERIAL SHALL BE THOROUGHLY COMPACTED UNDER HAUNCHES AND THEN COMPACTED IN LAYERS NOT EXCEEDING 12 INCHES COMPACTED THICKNESS. EACH LAYER SHALL BE COMPACTED BY APPROVED METHODS TO AT LEAST 96 PERCENT OF MAXIMUM DENSITY PRIOR TO PLACEMENT OF A SUBSEQUENT LAYER. EXPOSED SLOPES AT THE CONDUIT ENDS SHALL BE COVERED BY AT LEAST 18 INCHES COMPACTED THICKNESS OF PLASTIC SOIL BLANKET.
- DENSITY TEST WILL BE REQUIRED AT 200 FEET INTERVALS, PER LAYER, ALONG A CONTINUOUS DRAIN LINE THAT MAY VARY IN SIZE, ALTERNATING ON ONE SIDE OF THE PIPE TO THE OTHER. FOR PIPE LENGTHS LESS THAN 200 FEET, ONE TEST WILL BE REQUIRED PER LAYER.
- PVC DRAIN PIPES BENEATH PROPOSED ROADWAYS SHALL HAVE A MINIMUM DEPTH OF COVER OF TWO (2) FEET DURING CONSTRUCTION. MATERIAL SHALL BE ADDED AS REQUIRED TO MAINTAIN THE MINIMUM 2 FEET OF COVER PRIOR TO PLACEMENT OF CONCRETE.
- THE MINIMUM DEPTH OF COVER BENEATH PAVEMENT SHALL BE ONE (1) FOOT AT THE COMPLETION OF CONSTRUCTION. COVER FOR PIPE BENEATH PAVEMENT SHALL BE MEASURED FROM THE TOP OF PIPE TO THE BOTTOM OF CONCRETE. THE MINIMUM DEPTH OF COVER FOR PIPE LOCATED BEHIND BACK OF CURB SHALL BE 24 INCHES.
- THE PARISH RESERVES THE RIGHT AT ANY TIME DURING CONSTRUCTION TO EXCAVATE, AT THE PARISH'S EXPENSE, ANY SECTION OF PIPE TO MONITOR COMPLIANCE WITH MANUFACTURERS' BEDDING REQUIREMENTS. SHOULD THE EXPOSED PIPE REVEAL IMPROPER BEDDING, THE ENTIRE JOB OR A PORTION THEREOF AT THE DIRECTOR'S DISCRETION SHALL BE EXCAVATED AT THE OWNERS EXPENSE AND ANY DIFFERENCES CORRECTED.
- NO SOONER THAN 30 DAYS AFTER INSTALLATION OF PVC PIPE, A FIVE DEFLECTION TEST SHALL BE REQUIRED. THE DEVELOPER MUST PAY THE TESTING FEE FOR THE LABORATORIES SELECTED BY THE PARISH. ANY PIPE SECTION THAT FAILS THE TEST WILL HAVE TO BE EXCAVATED AND REINSTALLED WITH PROPER BEDDING.
- COPES OF ALL TESTING REPORTS SHALL BE FORWARDED TO THE ST. BERNARD PARISH DEPARTMENT OF PUBLIC WORKS.
- PROPOSED PLASTIC PIPE (RIBBED) FOR DRAIN TIE-IN SHALL USE ONE STANDARD DOUBLE GASKET, POSITIONED ON THE PIPE IN THE CENTER OF THE MANHOLE WALL.
- CORRUGATED METAL PIPE SHALL CONFORM TO LADOTD SPECIFICATIONS.
- 21-INCH OR SMALLER DIAMETER SHALL HAVE 14 GAUGE THICKNESS AND 24-INCH OR LARGER DIAMETER SHALL HAVE 12 GAUGE THICKNESS.

DRIVEWAYS AND SIDEWALKS

- ALL DRIVEWAYS REMOVED SHALL BE REPLACED IN KIND UNLESS OTHERWISE NOTED.
- THE EXACT LIMITS OF REMOVAL AND REPLACEMENT OF DRIVEWAYS (CONCRETE, ASPHALT, BRICK, STONE, SLATE, ETC.) SHALL BE DETERMINED BY THE ENGINEER. THE CONTRACTOR SHALL NOT REMOVE ANY DRIVEWAY WITHOUT PRIOR APPROVAL OF THE ENGINEER.
- THE CONTRACTOR IS REQUIRED TO SAW CUT (FULL DEPTH) SIDEWALKS, DRIVEWAYS, CONCRETE AND ASPHALT PAVEMENT OR OTHER CONSTRUCTION AREAS TO INSURE A STRAIGHT LINE BETWEEN OLD AND NEW WORK.
- ALL SIDEWALKS AND DRIVEWAYS (CONCRETE, BRICK, STONE, SLATE, ETC.) DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION, WHICH IN THE OPINION OF THE ENGINEER ARE OUTSIDE THE LIMITS OF THE ROADWAY CONSTRUCTION, SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- THE CONTRACTOR SHALL ADJUST THE ELEVATIONS OF THE NEW SIDEWALKS SO AS TO ALLOW DRAINAGE AWAY FROM THE PROPERTY AT ALL TIMES. SIDEWALK ELEVATIONS MAY BE ADJUSTED TO ALLOW DRAINAGE THROUGH DRIVEWAYS WITH DEPRESSION CURBS.
- TESTING REQUIREMENTS FOR DRIVEWAYS, SIDEWALKS, AND HANDICAPPED RAMPS SHALL FOLLOW THE SPECIFICATIONS PROVIDED WITH THIS PROJECT.

HORTICULTURE REQUIREMENTS

- ALL TREE REMOVALS, BRANCH PRUNING OR ROOT CUTTING SHALL BE PERFORMED BY A LOUISIANA LICENSED ARBORIST APPROVED BY ST. BERNARD PARISH. AN URBAN FORESTER PERMIT SHALL BE OBTAINED BY THE CONTRACTOR.
- ALL EXISTING TREES, SHRUBS, AND VEGETATION DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED IN KIND OR REPAIRED AT NO DIRECT PAY.
- ALL TREES EXCEPT THOSE ON RIGHT-OF-WAY GREEN SPACE NEAR ANY EXCAVATION OR CONSTRUCTION OF ANY BUILDING, STRUCTURE, OR STREET WORK SHALL BE GUARDED WITH A GOOD SUBSTANTIAL FENCE, FRAME, OR BOX. THE "CONSTRUCTION TREE GUARD" SHALL BE COST THIRTY-FOUR (4) FEET HIGH AND EIGHT (8) FEET SQUARE, OR AT A DISTANCE IN FEET FROM THE TREE TRUNK EQUAL TO THE DIAMETER OF THE TRUNK AT THE POINT OF CONTACT. THE GUARD SHALL BE CONSTRUCTED OF BUILDING MATERIAL, DIRT, OR OTHER DEBRIS SHALL BE KEPT OUTSIDE THE CONSTRUCTION TREE GUARD.
- ALL DISTURBED GRASS AREAS SHALL BE REPLACED WITH SOIL TO MATCH THE EXISTING.

PAVING NOTES:

- UNLESS OTHERWISE SHOWN, ALL PAVEMENT SHALL MEASURE 2" BACK OF CURB AND SHALL BE 7" THICK MINIMUM VERIFIED BY STAGGERED CORES TAKEN AT A MAXIMUM OF 20' INTERVAL.
- PORTLAND CEMENT CONCRETE PAVEMENT SHALL BE IN ACCORDANCE WITH SECTIONS 601 & 601 OF THE DOTD STANDARD SPECIFICATION FOR ROADS AND BRIDGES (LATEST EDITION) AND SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS.
- IMMEDIATELY AFTER COMPLETION OF FINISHING OPERATIONS AND AS SOON AS MARRING OF CONCRETE WILL NOT OCCUR, THE PAVEMENT SURFACE SHALL BE CURED BY COVERING WITH A WHITE PIGMENT CURING COMPOUND IN CONFORMANCE WITH DOTD STANDARD SPECIFICATION FOR ROADS AND BRIDGES LATEST EDITION.
- CONTRACTOR SHALL USE THE NECESSARY SAND BASE TO BRING THE ROADWAY GRADES SHOWN ON THE PLANS. THIS SAND MAY REQUIRE MORE THAN THE MINIMUM SAND BASE. A JOINT SEALER SHALL BE IN ACCORDANCE WITH SECTION 100.02 OF DOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, 200 EDITION. THE SEALANT AND BACKER MATERIAL SHALL BE APPROVED PRODUCT LISTED IN DOTD'S QUALIFIED PRODUCT LIST.

ASPHALT ROADWAY

- SAW CUTTING USING A CONCRETE CUTTING TYPE SAW TO MAKE A TRUE STRAIGHT LINE FULL DEPTH SHALL BE REQUIRED ALONG THE ENTIRE LIMITS OF THE AFFECTED AREA OF REMOVAL. UNLESS OTHER METHODS ARE AUTHORIZED BY THE PARISH ENGINEER.
- REQUIREMENT 3 SPECIFIED UNDER CONCRETE ROADWAY SHALL ALSO APPLY FOR ASPHALT.
- JOB MIX FORMULA, PG 70-22M (LEVEL 1), PER LA DOTD STANDARDS, 2016 EDITION
- ALL CONSTRUCTION MATERIALS, PROCEDURES, TESTING, FINISHING, ETC., SHALL CONFORM TO THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (2016) LATEST EDITION. DEVIATIONS FROM THESE SPECIFICATIONS SHALL HAVE TO BE APPROVED BY THE PARISH ENGINEER.
- DENSITY REQUIREMENTS (STANDARD PROCTOR)
 - BASE COURSE (SAND) - 97%
 - BASE COURSE (STONE) - 95%
 - SUB-BASE (SAND) - 97%
- TESTING REQUIREMENTS: (SUBJECT TO ADJUSTMENT BY ENGINEER)
 - ONE BASE THICKNESS VERIFICATION PER EACH PATCH LOCATION (FULL WIDTH ROADWAY REPAIR WILL BE CONSIDERED TWO PATCH LOCATIONS IF WORK IS PERFORMED IN TWO CONSTRUCTION STAGES)
 - ONE DENSITY TEST ON SUB-BASE (IF APPLICABLE) AND BASE MATERIAL PER EACH PATCH LOCATION (FULL WIDTH ROADWAY REPAIR WILL BE CONSIDERED TWO PATCH LOCATIONS IF WORK IS PERFORMED IN TWO CONSTRUCTION STAGES)
 - ALL ASPHALT PLANT TESTING TO BE PERFORMED AT THE DIRECTION OF ENGINEER, IN AGREEMENT WITH ST. BERNARD PARISH.

- ADDITIONAL DENSITIES, CORES, ETC., WILL BE REQUIRED FOR ISOLATED AREAS. ENGINEER MAY ORDER FURTHER TESTING TO VERIFY THICKNESS, OR AS A RESULT OF A FAILED TEST.
- ANY "FAILED" FIELD TEST MUST BE RETESTED AND THE COSTS ASSOCIATED WITH THE "FAILED" TEST ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL ASPHALT PAVEMENT INSTALLED WITH THIS PROJECT SHALL BE CONSTRUCTED TO INSURE POSITIVE DRAINAGE TO EXISTING & PROPOSED CATCH BASINS.
 - WHEN REMOVAL OF EXISTING PAVEMENT SURFACING IS REQUIRED IN CONJUNCTION WITH PROPOSED PROFILE GRADE LINE SHOWN ON THE DRAWINGS, THE EXISTING ASPHALT CONCRETE PAVEMENT IMMEDIATELY ADJACENT TO THE EDGE OF THE EXISTING GUTTER SHALL BE MILED TO A MINIMUM DEPTH OF ONE (1) TO OBTAIN A SMOOTH TIE-IN BETWEEN EXISTING AND PROPOSED CONSTRUCTION.
 - WHEN ADDITIONAL PAVEMENT SURFACING MATERIAL IS REQUIRED, THE ADJACENT CONCRETE GUTTER BOTTOM WILL NOT BE COVERED WITH ASPHALT SURFACING IF THE PROPOSED PROFILE GRADE LINE SHOWN ON THE DRAWINGS IS WITHIN ONE (1) INCH IN AREAS WHERE THE PROPOSED PROFILE GRADE LINE IS HIGHER THAN THE EXISTING GUTTER BOTTOM BY MORE THAN ONE (1) INCH. THE SURFACE OF THE EXISTING GUTTER BOTTOM OR ROLLING STRIP SHALL BE OVERLAID WITH ASPHALT SURFACING TO THE FACE OF THE CURB.
 - THE TYPE, SIZE AND LOADINGS OF EQUIPMENT USED DURING THE MILLING AND OVERLAY OPERATIONS MAY BE LIMITED AT THE DISCRETION OF THE PROJECT ENGINEER.

SEWER NOTES:

- THE CONTRACTOR SHALL FURNISH ALL LABOR, SUPERVISION, MATERIALS, EQUIPMENT, SERVICES AND PERMITS NECESSARY TO CONSTRUCT THE SEWER DISTRIBUTION SYSTEM AS SHOWN ON THE PLANS.
- THE SLOPE OF ALL SEWER MAINS TO BE A MINIMUM OF 0.004 FT./FT., OR AS OTHERWISE SHOWN ON PLAN.
- PRE-CAST CONCRETE MANHOLES (ASTM A48, CLASS 20) MAY BE USED AS APPROVED BY THE ENGINEER. 2"X6" ADDITIVE SHALL BE INCLUDED IN MIX.
- EXFILTRATION SHALL NOT EXCEED 15 GAL./IN. DIA./MILE PIPE/24 HOUR PERIOD.
- THE CONTRACTOR SHALL FURNISH THE ENGINEER WITH AN "AS-BUILT" PLAN SHOWING THE DISTANCE FROM THE NEAREST MANHOLE TO EACH HOUSE CONNECTION, DEPTH OF MANHOLE, ETC., DISTANCE OF FC FROM DOWNSTREAM MANHOLES. THIS DISTANCE SHALL BE MEASURED ALONG THE CENTERLINE OF THE MAIN AND SHALL BE EQUAL TO THE DISTANCE FROM THE CENTER OF THE DOWNSTREAM MANHOLE TO THE PROJECTION POINT OF EACH HC (HC AT PROPERTY LINE) ONTO THE MAIN.
 - ELEVATION OF SERVICE CONNECTIONS AT THE PROPERTY LINE.
 - THE INVERT AND TOP OF CASTING ELEVATIONS AND DEPTHS OF EACH MANHOLE.
 - PIPE INVERTS AT MANHOLES.
 - THE CENTER TO CENTER DISTANCES OF CONSECUTIVE MANHOLES.
- ALL CUTS UNDER DRIVEWAYS OR STREETS TO BE BACK-FILLED WITH SIMILAR MATERIAL AS EXISTING FOR THE DRIVE SURFACE, AND OR OTHER SUITABLE MATERIAL AS APPROVED BY THE ENGINEER AND COMPACTED TO 95% STD. PROCTOR. BORING BENEATH ROADWAYS IS AN ACCEPTABLE ALTERNATIVE. CONTRACTOR TO ASSUME ALL LIABILITY FOR STREET DAMAGE RESULTING FROM EXCAVATION OR BORING ACTIVITY AND SHALL REPAIR AND REPAVE ANY DAMAGE RESULTING FROM HIS CONSTRUCTION ACTIVITIES.
- ALL SEWER PIPES SHALL BE CHECKED FOR ALIGNMENT.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS OF CONTROLLING THE STABILITY OF ALL EXCAVATIONS, AND PROVIDE SAFE WORKING CONDITIONS FOR HIS EMPLOYEES AND SUBCONTRACTORS.
- THE CONTRACTOR SHALL USE TIMBER SHEETING OR TRENCH BOX, WHEN NECESSARY TO CONTROL THE WIDTH AND STABILITY OF EXCAVATION AND TO PROVIDE SAFE WORKING CONDITIONS FOR HIS WORKMEN. NO EXTRAS SHALL BE PAID FOR THIS ITEM.
- MANHOLES SHALL BE PRECAST REINFORCED CONCRETE CONFORMING TO ASTM A48. MANHOLE RISERS AND TOPS CONFORMING TO ASTM C-478 WITH JOINTS OF "RAM-X" PERFORMED PLASTIC ROPE AS MANUFACTURED BY K.T. SYNDER, HOUSTON, TEXAS OR ASTM C-443 RUBBER GASKET.
- DROP SEWER MANHOLES SHALL BE INSTALLED WHEN THE VERTICAL DISTANCE FROM THE MANHOLE INVERT TO THE SEWER MAIN INVERT EXCEEDS THREE (3) FEET.
- ALL MANHOLE TOPS SHALL BE CONSTRUCTED AT LEAST ONE FOOT ABOVE THE HIGHEST FLOODWATER ELEVATION. IF THIS IS NOT FEASIBLE, MANHOLE FRAME AND COVER TO BE WATER TIGHT SHALL BE EQUAL TO NEEPAH FOUNDRY CO. R-1916-D.
- ALL MANHOLE FRAMES, COVERS, AND STEPS SHALL BE ASPHALT COATED.
- FORCE MAIN CONNECTIONS TO A PROPOSED MANHOLE 8" OR LESS IN DEPTH SHALL BE MADE FROM UNDERNEATH THROUGH THE BOTTOM CENTER OF THE MANHOLE. CONNECTIONS TO PROPOSED MANHOLES OVER 8" IN DEPTH AND TO EXISTING MANHOLES SHALL BE MADE THROUGH THE SIDE AT THE SPECIFIED ELEVATION.
- SEWER PIPE SHALL BE PVC PIPE AND SHALL CONFORM TO ASTM D-3034, SDR 35 THICK WALL EXTRA HEAVY SERIES), OR APPROVED EQUAL. SEWER GRAVITY LINE SHALL BE GREEN IN COLOR. SEWER FORCE MAIN SHALL BE WHITE OR BLACK IN COLOR. FORCEMAIN SHALL BE C-3000 OR HIPS DR 21 (PE 3408) AND CONFORM TO ASTM D-1248. FORCEMAIN SHALL BE MARKED WITH FIBERGLASS MARKER AT 100 FOOT INTERVALS.
- THE CONTRACTOR IS RESPONSIBLE TO CHECK WITH THE UTILITY OWNER OR HIS REPRESENTATIVE FOR COORDINATION OF ALL TESTING NECESSARY TO SECURE APPROVAL FROM THE UTILITY OWNER FOR HIS WORK. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF ALL TESTING ASSOCIATED WITH VERIFYING THAT CONSTRUCTION IS IN COMPLIANCE WITH PLANS AND SPECIFICATIONS.
- SEWER SERVICEHOUSE CONNECTIONS CONNECTED TO A TERMINAL MANHOLE SHALL BE CONNECTED AT THE INVERT OF THE TERMINAL MANHOLE.
- SEWER AND WATER MAINS SHALL BE LAID IN SEPARATE TRENCHES NOT LESS THAN SIX (6) FEET APART HORIZONTALLY. WHEN INSTALLED IN PARALLEL, CROSSING WATER AND SEWER MAINS SHALL HAVE A MINIMUM VERTICAL SEPARATION OF EIGHTEEN (18") INCHES. THE SEWER LINE SHALL BE LAID LOWER IN ELEVATION THAN THE WATER LINE.
- STEPS WILL NOT BE INSTALLED UNLESS DIRECTED BY THIS UTILITY OPERATOR AND DETAILS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY WHEN DEMED NEEDED BY THE UTILITY OPERATOR.
- THE CONTRACTOR SHALL FURNISH A HOSE DOWN WATER LINE, MIN. 1" IN DIAMETER WITH HOSE BIB TO EACH SEWER LIFT STATION AND/OR SEWER TRENCH PLANT AREA.
- IDENTIFICATION OR TRACER WIRE SHALL BE BURIED IN THE TRENCH ABOVE THE PIPE.
- CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES.
- INFILTRATION SHALL NOT EXCEED 15 GAL./INCH OF DIAMETER/EXTEND OF PIPE/24 HOURS.
- ALL LOTS MUST BE PROVIDED WITH A SEWER SERVICEHOUSE CONNECTION (HC). SEWER HC, IF PRACTICAL SHALL BE INSTALLED PERPENDICULAR TO THE SEWER MAIN. ALL SEWER HC INSTALLED BY THE CONTRACTOR SHALL BE PROPERLY PLUGGED. LOCATION OF ALL HC SHALL BE MARKED BY IMPRESSING LETTERS HC IN THE FACE OF THE STREET CURB, EDGE OF STREET, OR MARKED WITH AN APPROVED MARKER. END OF HC SHALL BE MARKED BY EXTEND THE 6" HC FROM CLEANOUT LOCATION VERTICALLY MIN. 3" ABOVE GRADE AT THE END OF HC.
- MANHOLE CONNECTIONS (CONNECTION OF SEWER PIPES TO MANHOLES) SHALL BE WATERTIGHT. CONNECTION OF PVC SEWER PIPE TO MANHOLES WITH CONCRETE GROUT, WITHOUT SOME FORM OF APPROVED MANHOLE CONNECTOR OR WATER STOP, SHALL NOT BE PERMITTED.
- PROVIDE RESTRAINED JOINT FITTINGS ON ALL FORCE MAIN JOINTS WITHIN 20' OF ANY BENDS FOR PVC OR DUCTILE IRON PIPE.
- SEWER GRAVITY LINES SHALL INCLUDE GEOTEXTILE FABRIC WRAPPED AROUND 6" LIMESTONE BEDDING.



PROJECT NAME :

PROJECT NUMBER:

DATE: 08.07.2019
 DRAWN BY: MF/AR
 SCALE: VARIES
 FILENAME: S:\Public Works\Shared\St. Bernard Standard Road Details

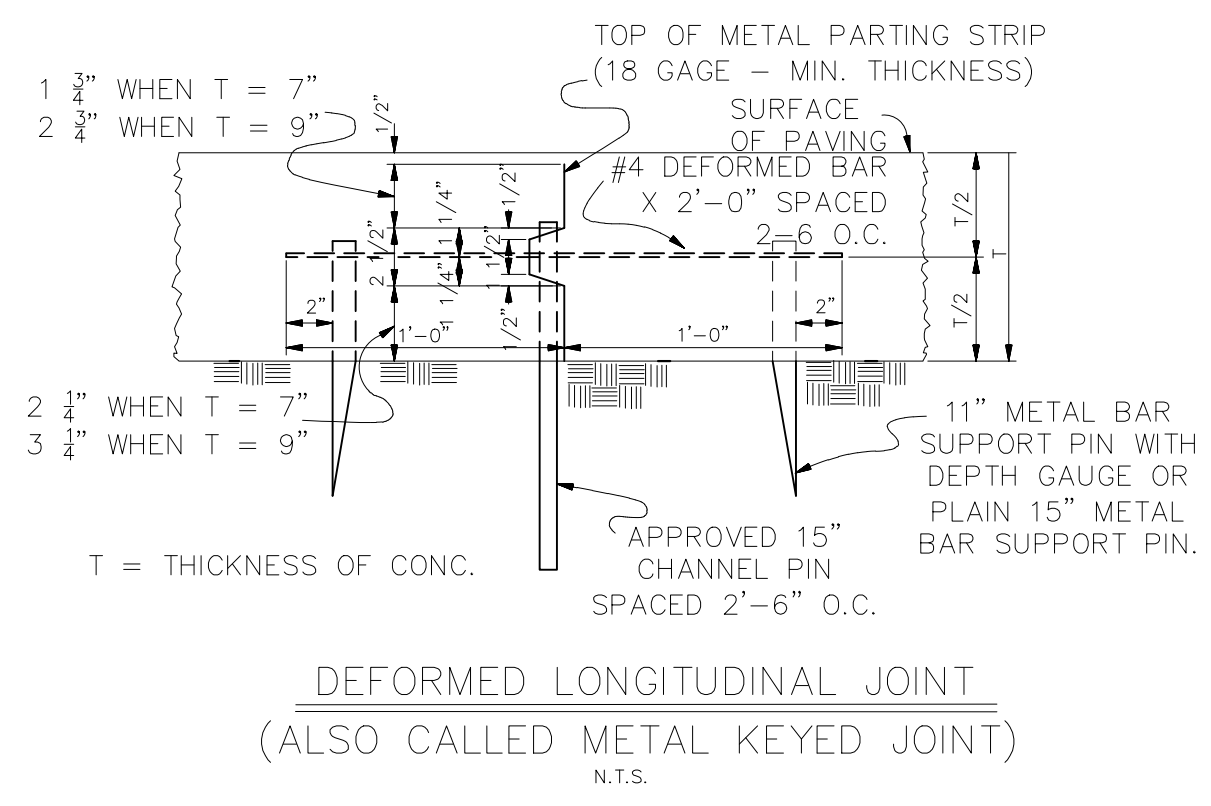
ST. BERNARD PARISH GOVERNMENT
 STANDARD DETAIL PLANS
 GENERAL NOTES

APPROVED BY _____ DRAWING NUMBER _____

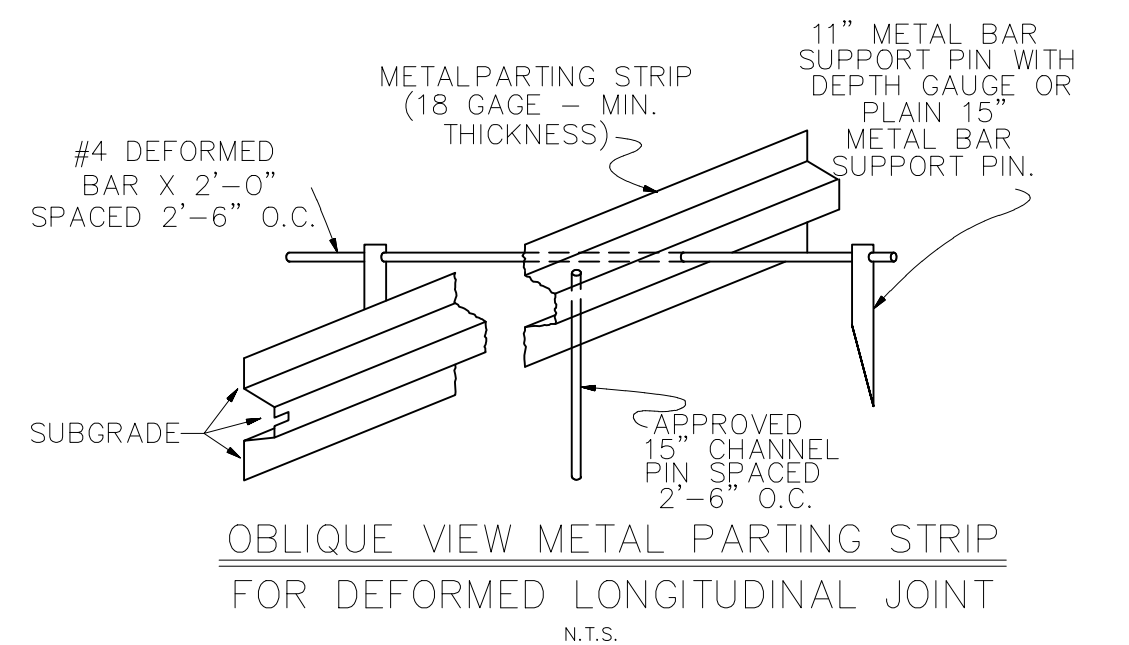
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DATE: _____
 THIS DOCUMENT WILL BE CONSIDERED A COPY ONLY, UNLESS EMBOSSED BY A REGISTERED ENGINEER SEAL.

SHEET 1 of 21

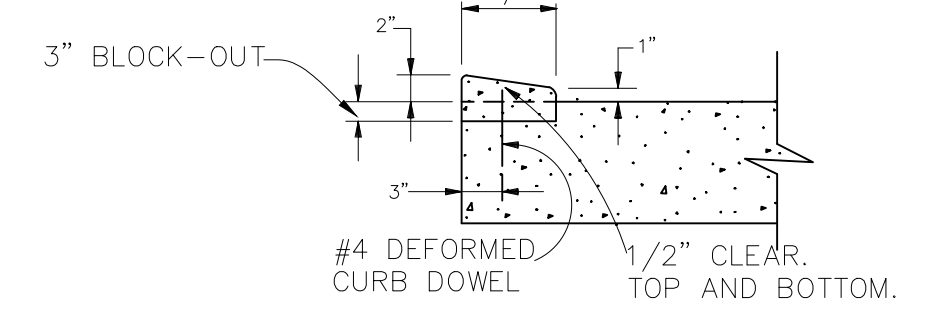


DEFORMED LONGITUDINAL JOINT
(ALSO CALLED METAL KEYED JOINT)
N.T.S.

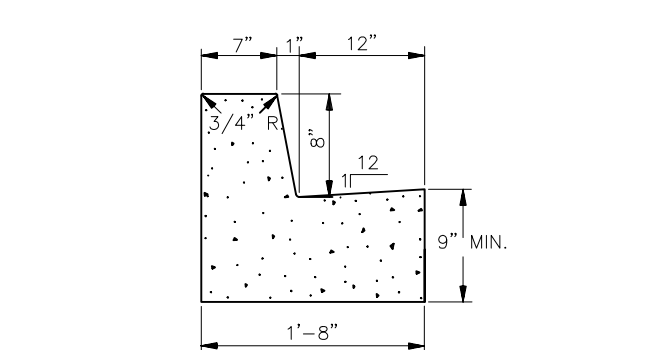


OBLIQUE VIEW METAL PARTING STRIP
FOR DEFORMED LONGITUDINAL JOINT
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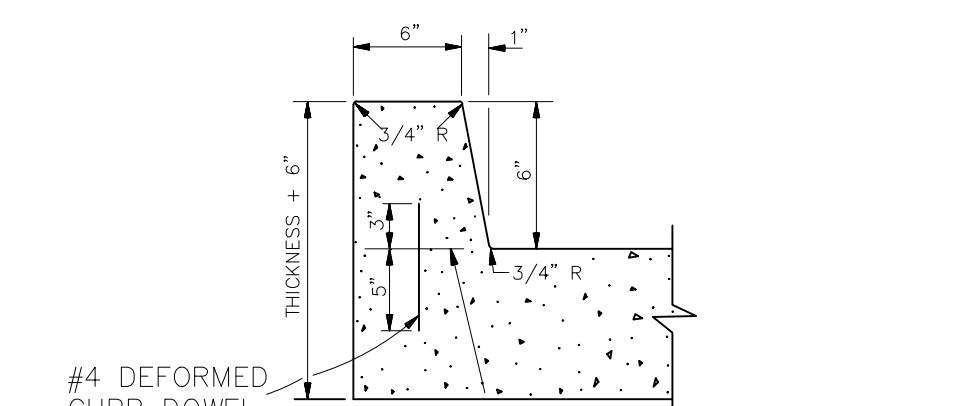
NOTE: ALL JOINTS FOR CONCRETE PAVEMENT SHOWN IN LA. D.O.T.D. STANDARD PLANS CP-01 CAN BE USED AT THE REQUEST OF THE ENGINEER WHO SHALL PROVIDE CONSTRUCTION DETAILS TO CONTRACTOR.



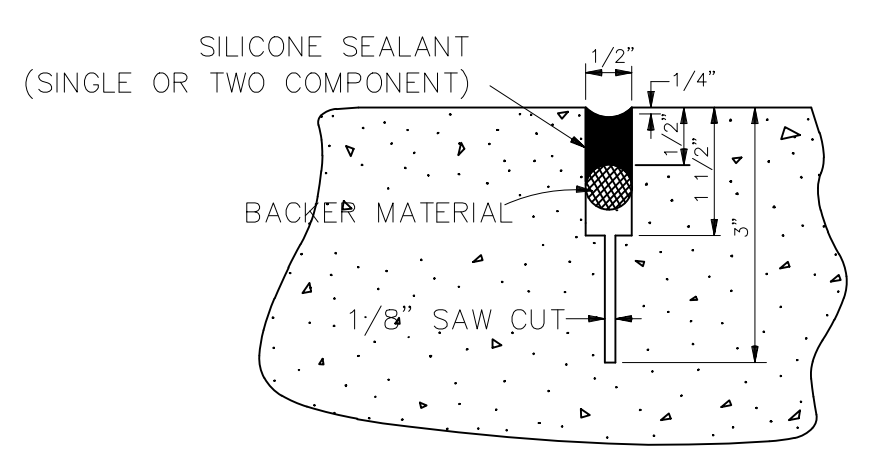
MODIFIED BARRIER CURB
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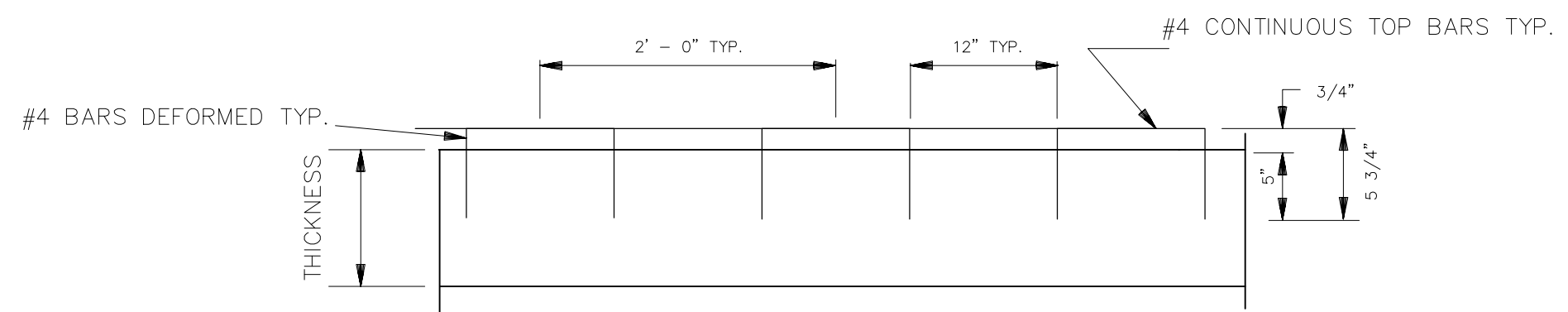
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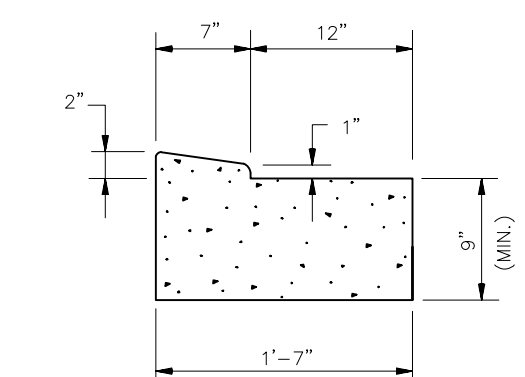
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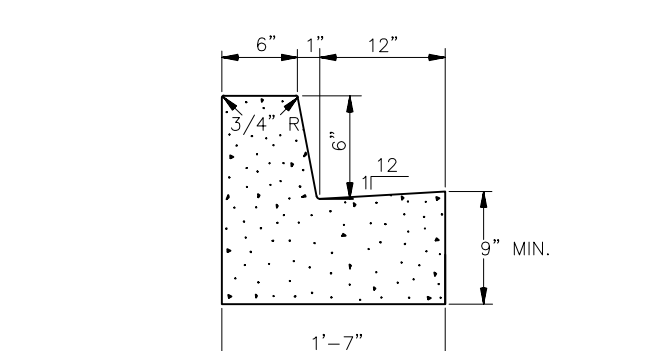
DETAIL "A"
DETAILS "A" AND "B" ARE USED IN CONJUNCTION WITH TRANSVERSE DUMMY JOINT OR CONST. JOINT.



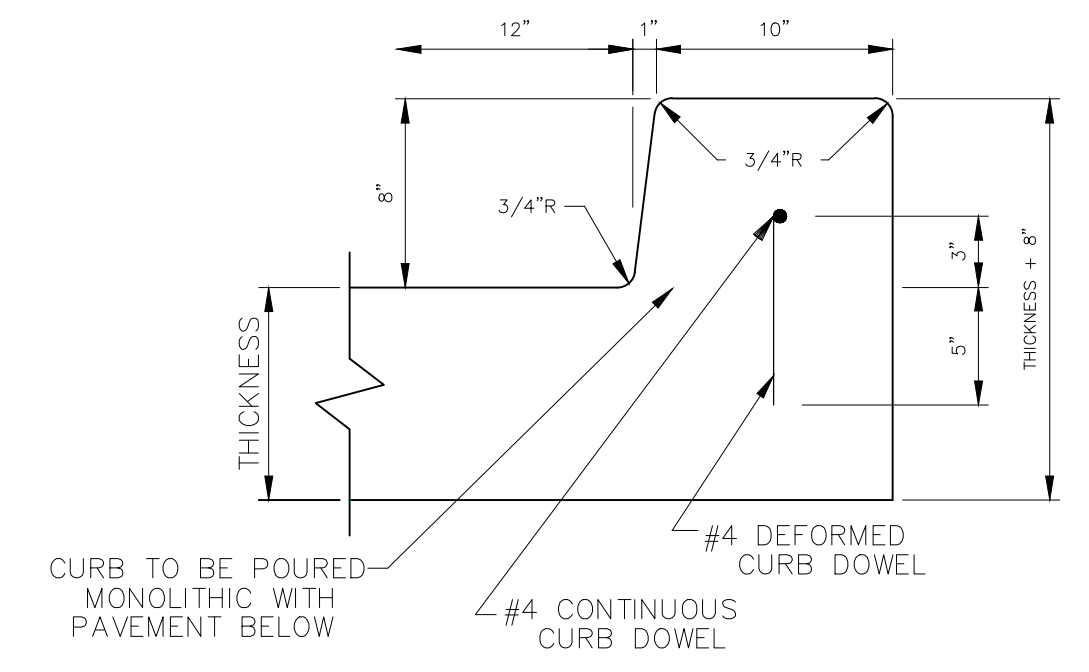
MODIFIED CURB DOWELS
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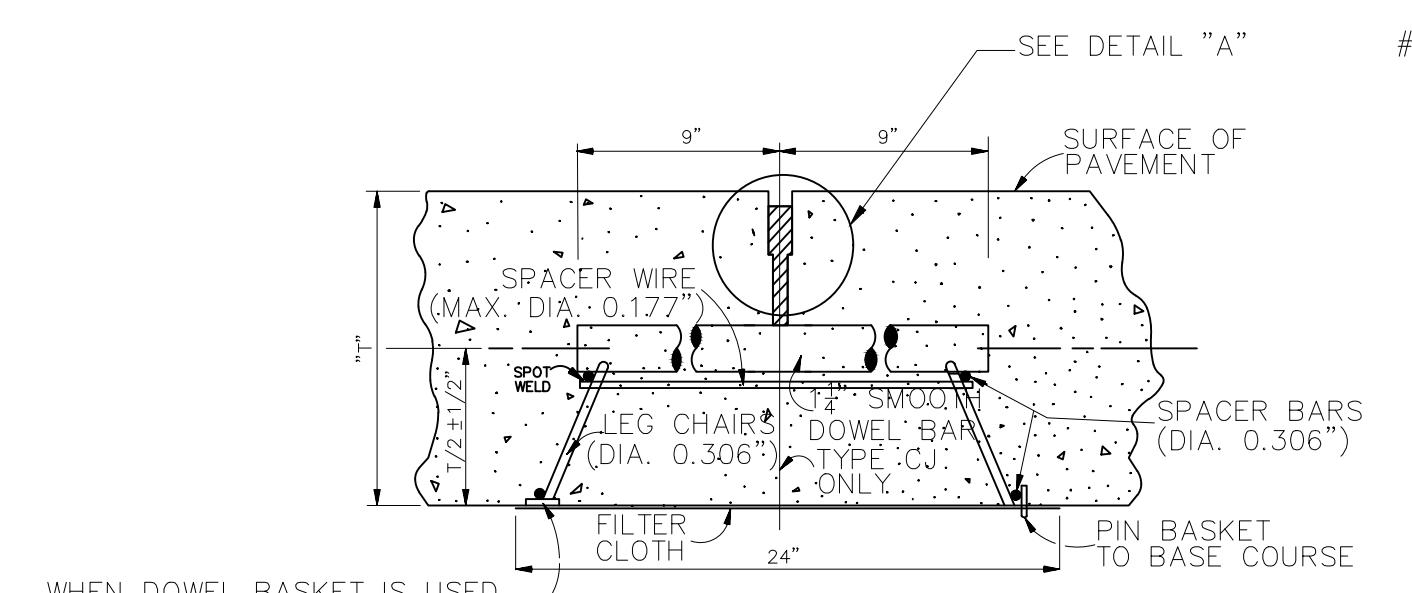
MODIFIED BARRIER CURB AND GUTTER
N.T.S.



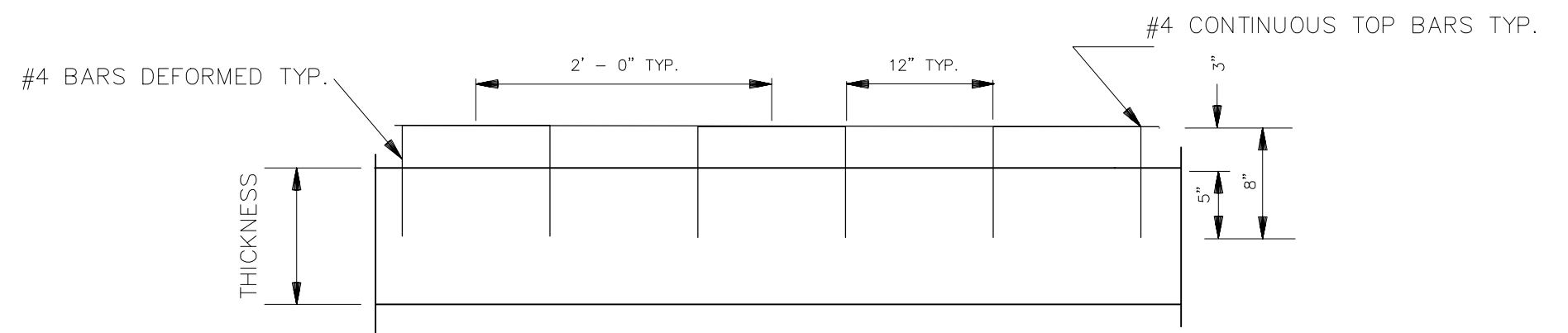
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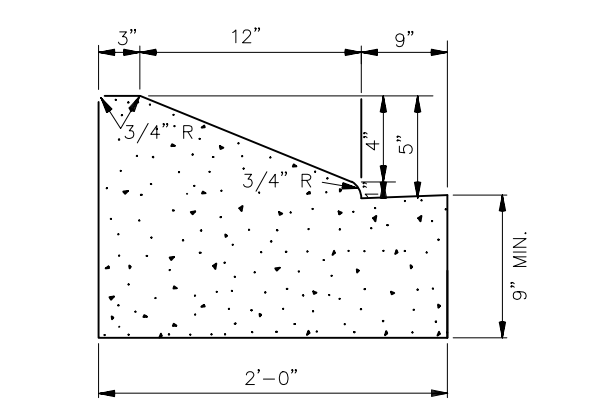
HEAVY DUTY BARRIER TYPE CONCRETE CURB
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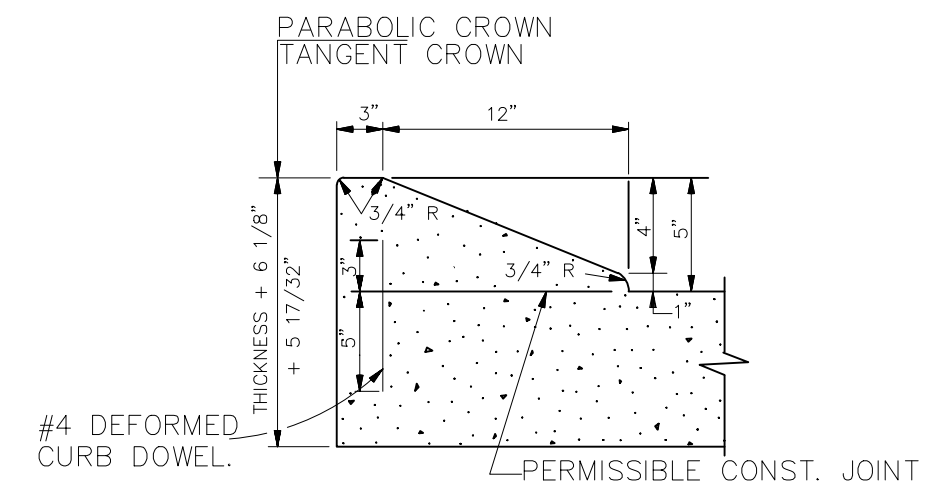
TYPE DJ OR CJ
(TRANSVERSE DUMMY JOINT OR CONSTRUCTION JOINT)
(SECTION "B-B")
N.T.S.



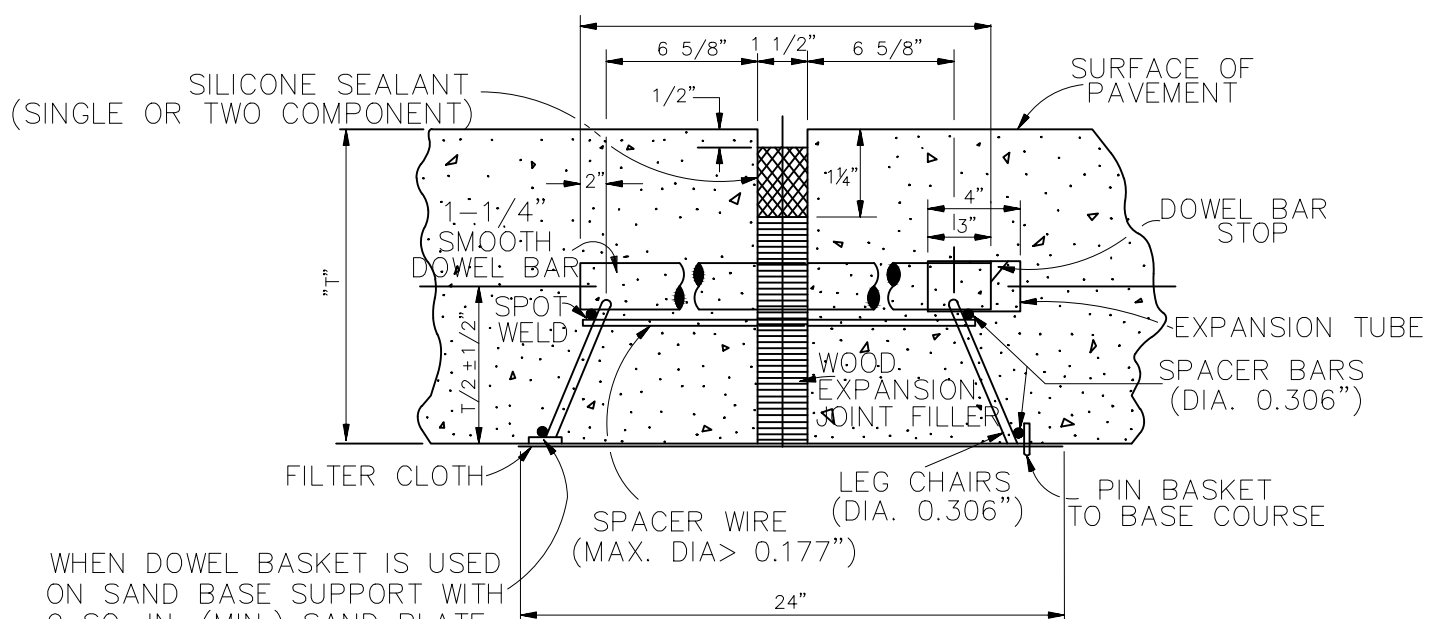
CURB DOWELS
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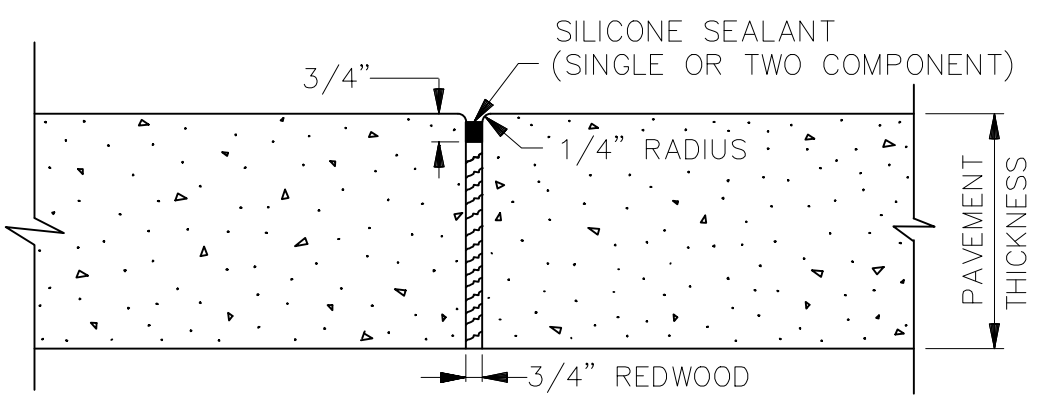
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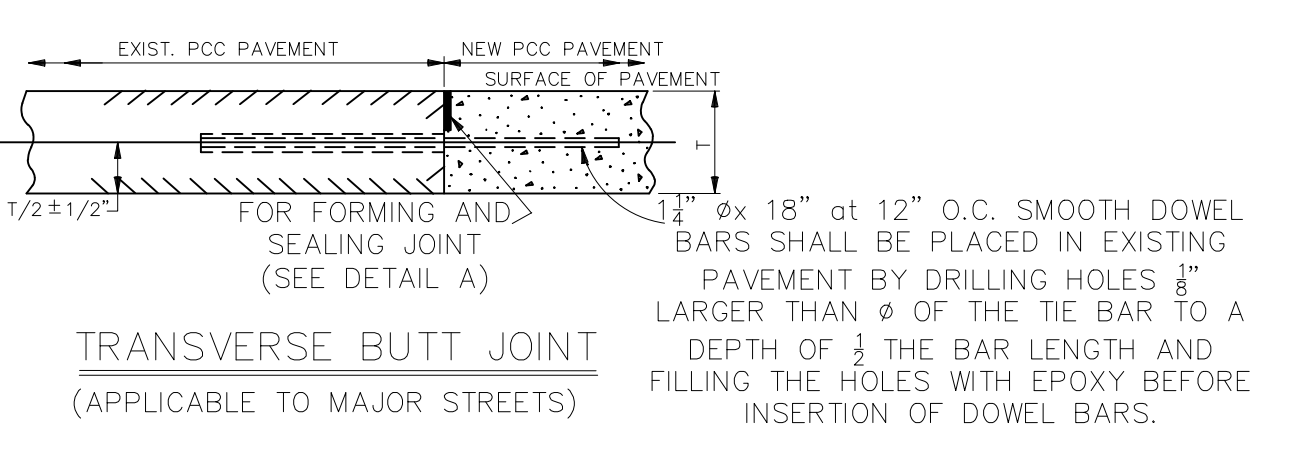
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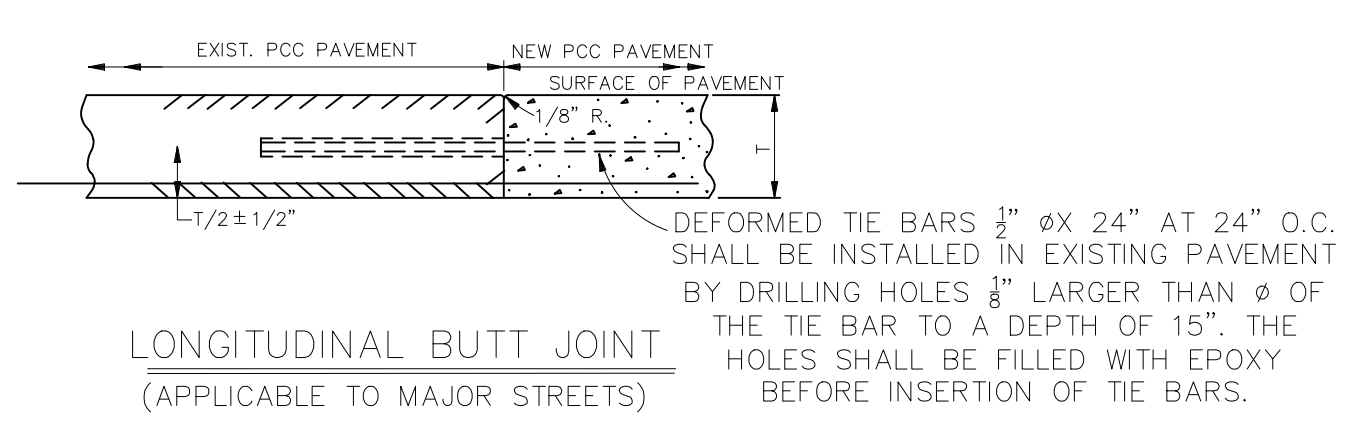
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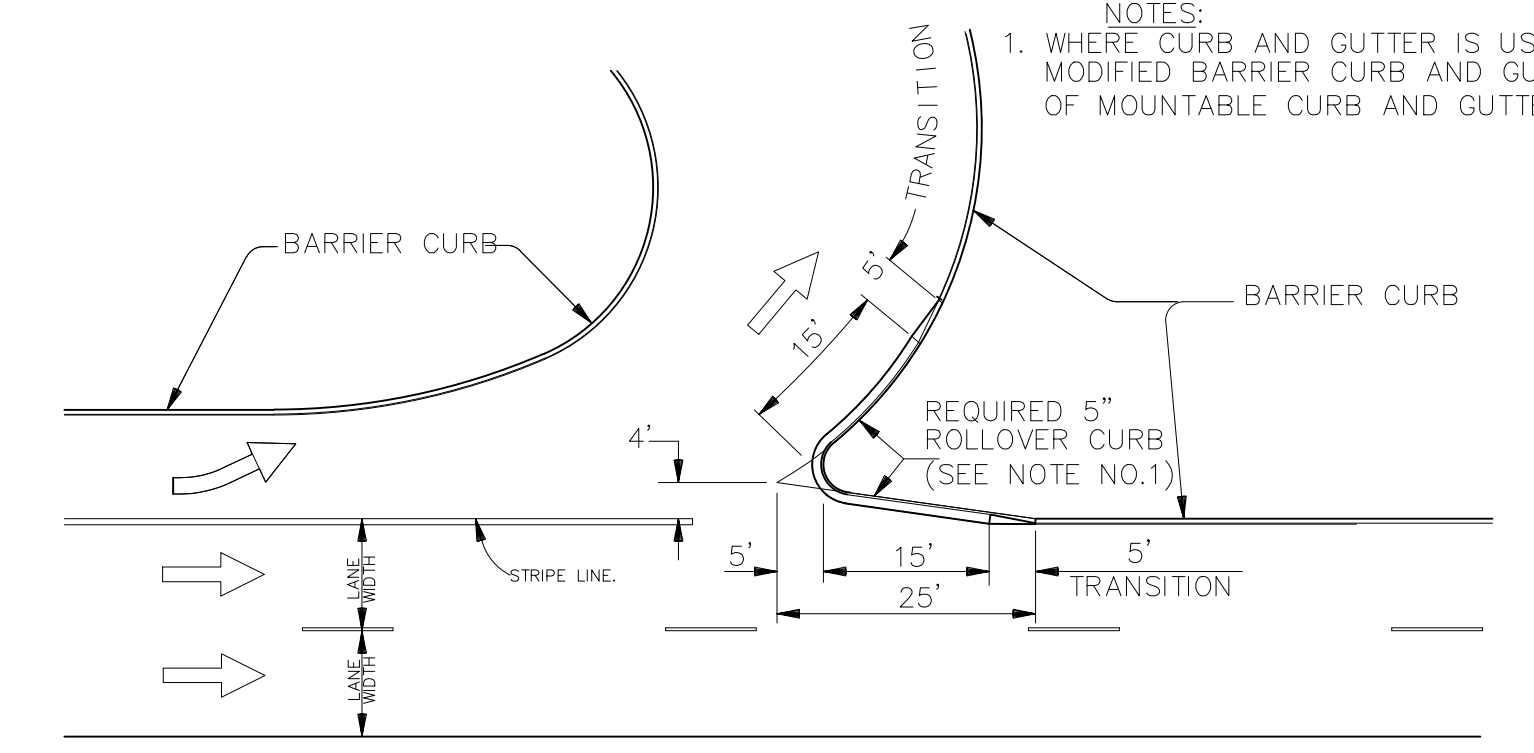
EXPANSION JOINT
(FOR CONCRETE SIDEWALK & RAMP FOR HANDICAPPED)
N.T.S.



TRANSVERSE BUTT JOINT
(APPLICABLE TO MAJOR STREETS)



LONGITUDINAL BUTT JOINT
(APPLICABLE TO MAJOR STREETS)



ROLLOVER CURB IN THE GORE AREA
(U-TURN, LEFT TURN LANE OR ROADWAY SPLIT)
N.T.S.

PROJECT NAME :

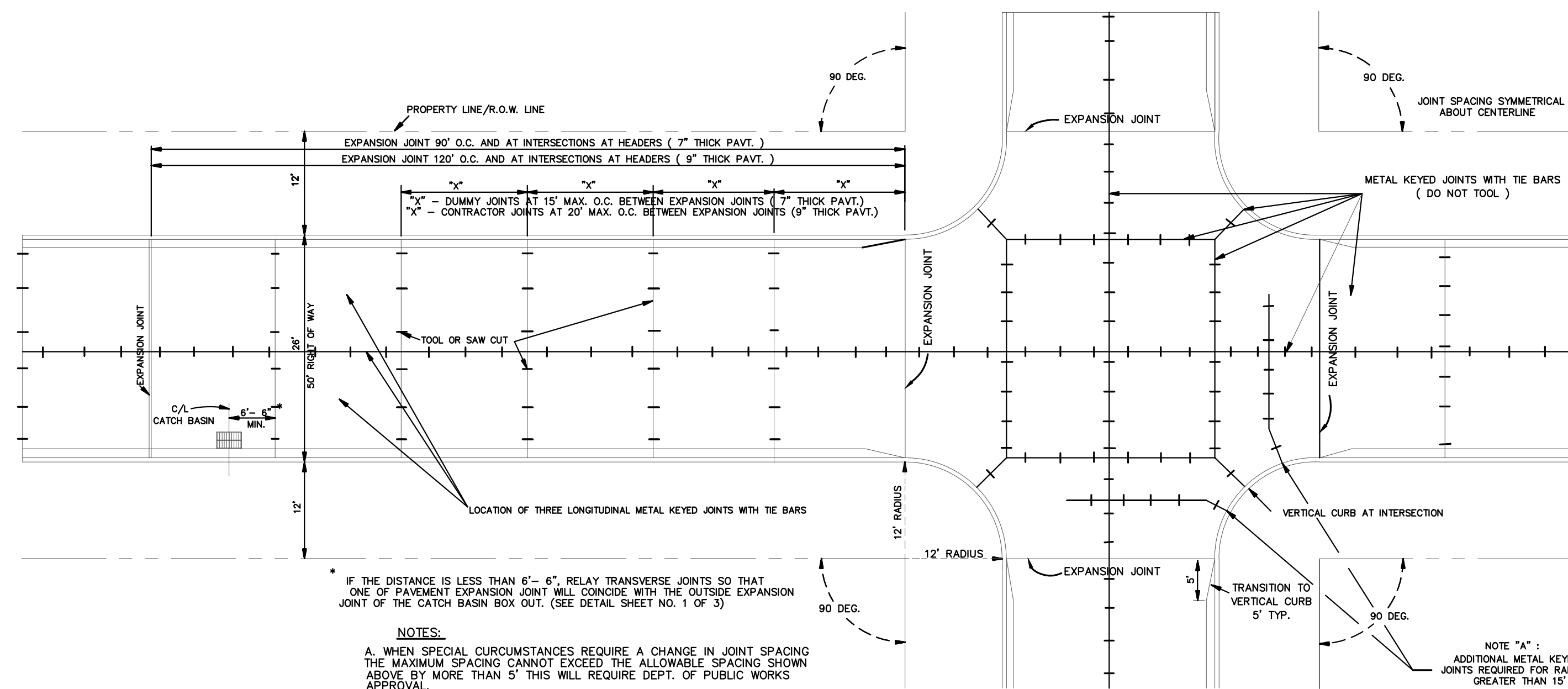
PROJECT NUMBER:



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| DATE | 09.05.2019 |
| DRAWN BY | MF/AR |
| SCALE: | NTS |
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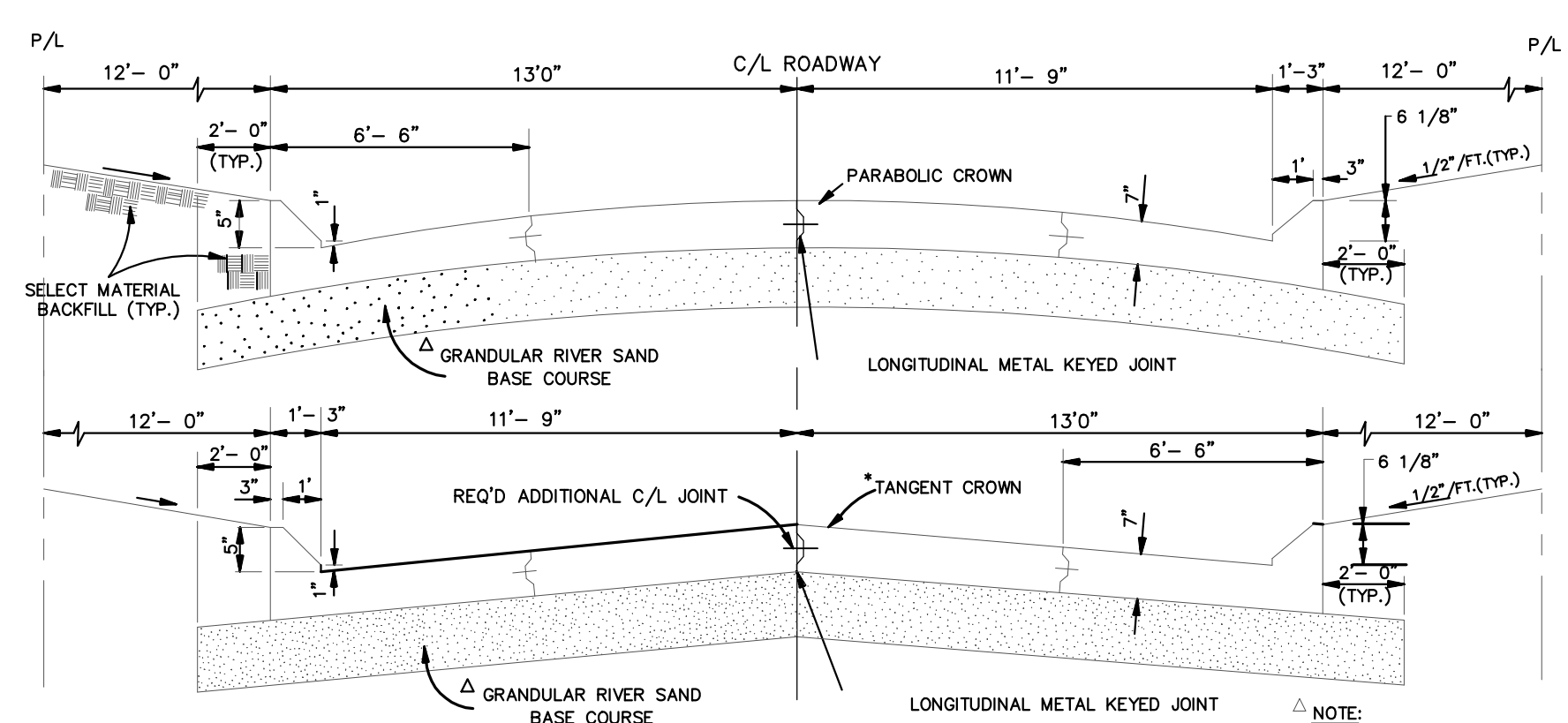
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| ST. BERNARD PARISH GOVERNMENT | |
| STANDARD DETAIL PLANS | |
| ROADWAY DETAILS (1 OF 2) | |

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|---------------|----------------|
| APPROVED BY | DRAWING NUMBER |
| DATE | SD - 2 |
| SHEET 2 OF 16 | |

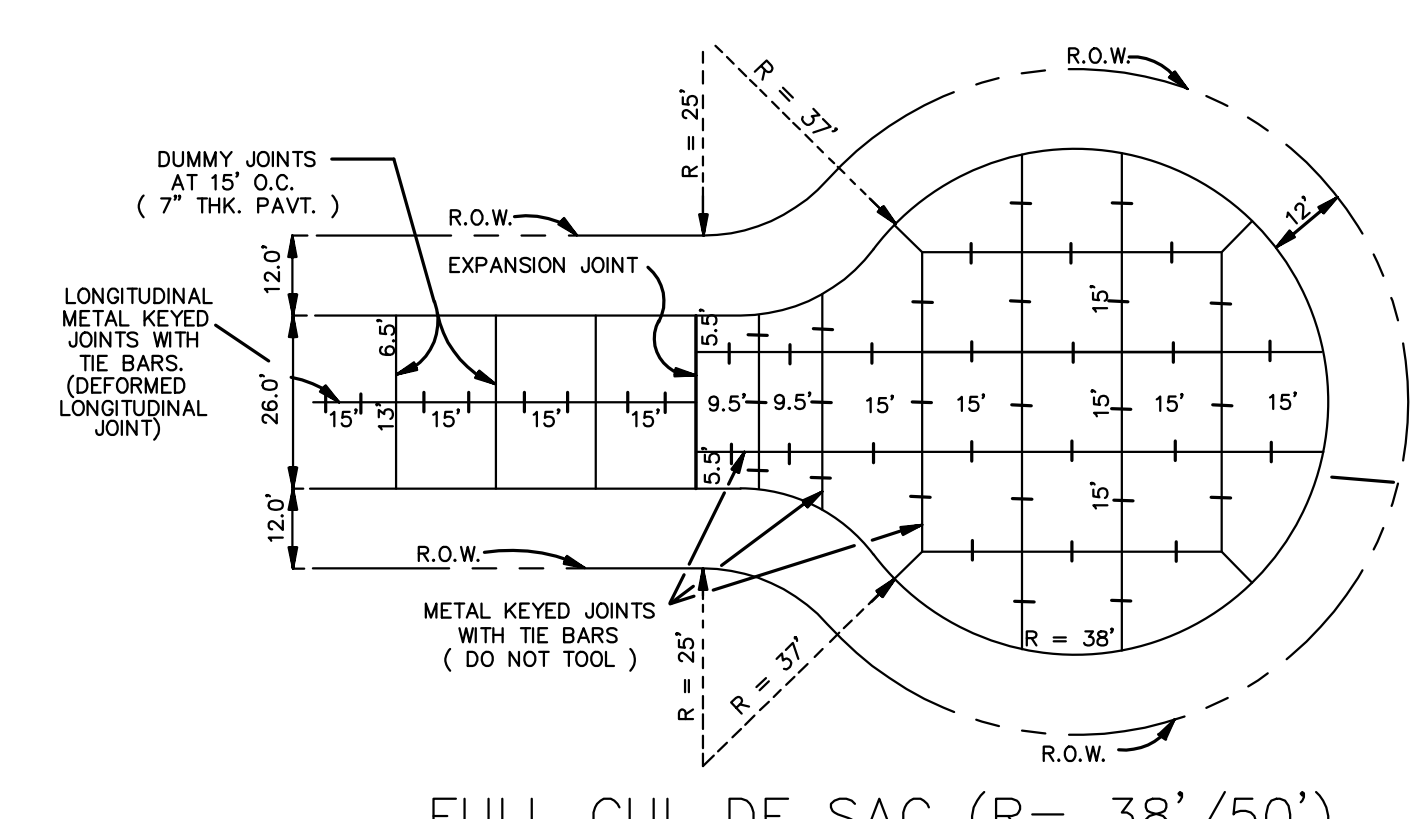


NOTES:
 A. WHEN SPECIAL CIRCUMSTANCES REQUIRE A CHANGE IN JOINT SPACING THE MAXIMUM SPACING CANNOT EXCEED THE ALLOWABLE SPACING SHOWN ABOVE BY MORE THAN 5\"/>

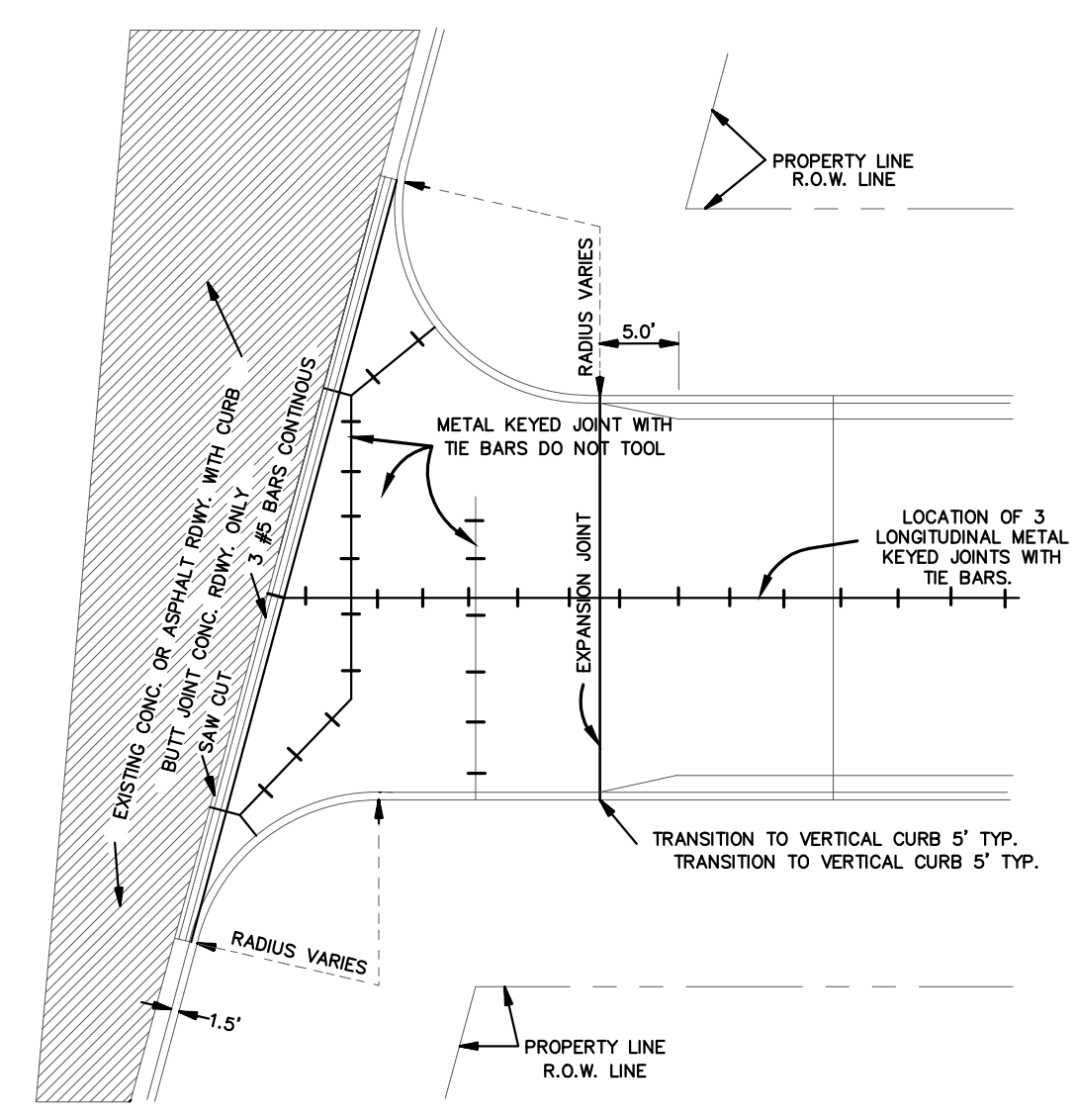
TYPICAL JOINT SPACING AND INTERSECTION DETAILS FOR 90 DEG. INTERSECTIONS (SHOWN FOR 26' STREET IN 50' R/W) N.T.S.



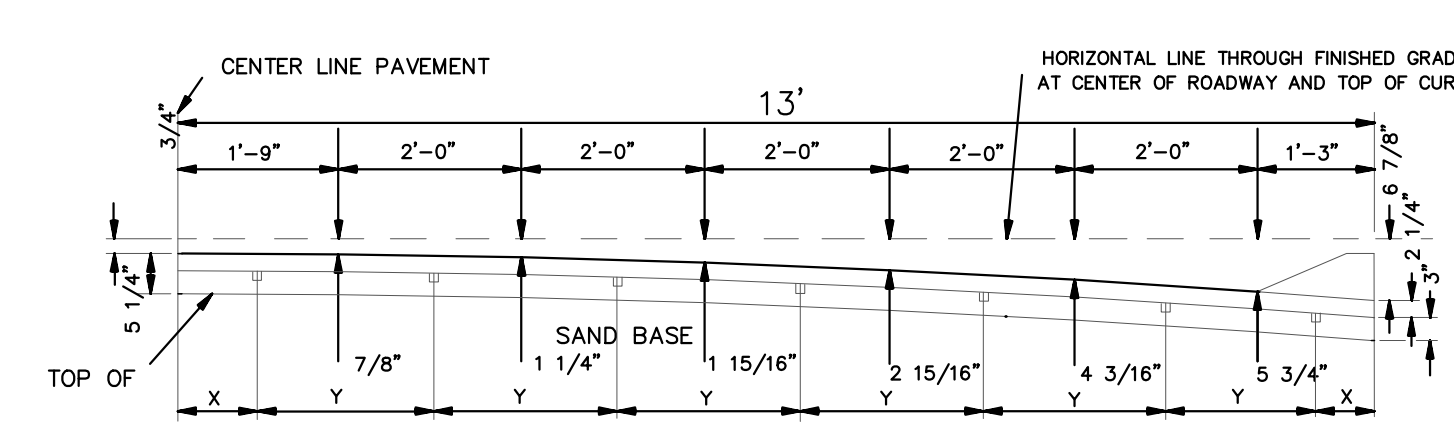
TYPICAL SECTION OF 26' ROADWAY (WITH WRITTEN PERMISSION OF THE DEPT. OF ENGINEERING ONLY) N.T.S.



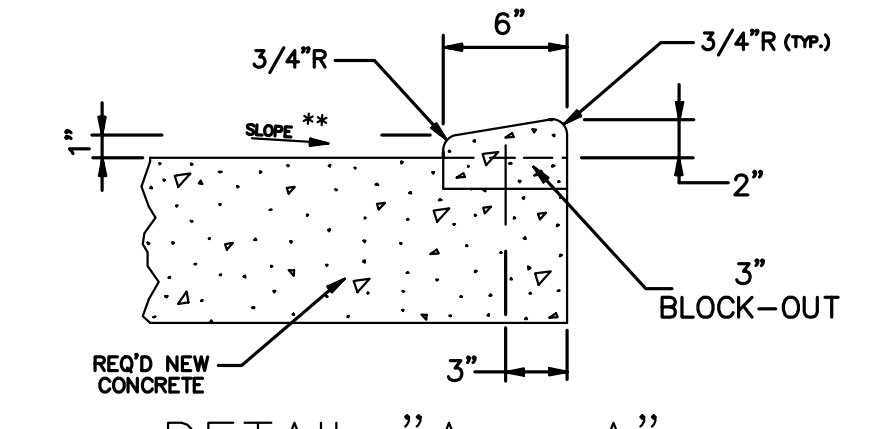
FULL CUL DE SAC (R= 38'50') (JOINT DETAIL) REQUIRED IN DEAD-END STREETS BETWEEN 150' TO 300', MEASURED ALONG CENTERLINE FROM INTERSECTION OF PROJECTED EDGE OF ROAD OF NEAREST INTERSECTING STREET TO END OF R.O.W. N.T.S.



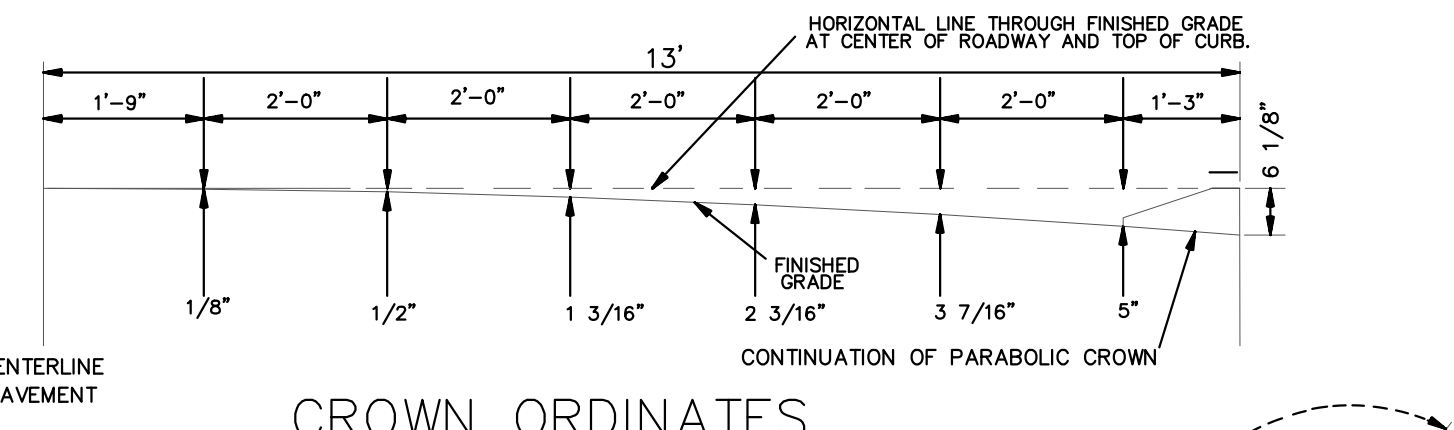
TYPICAL INTERSECTION (EXISTING STREET WITH CURB) N.T.S.



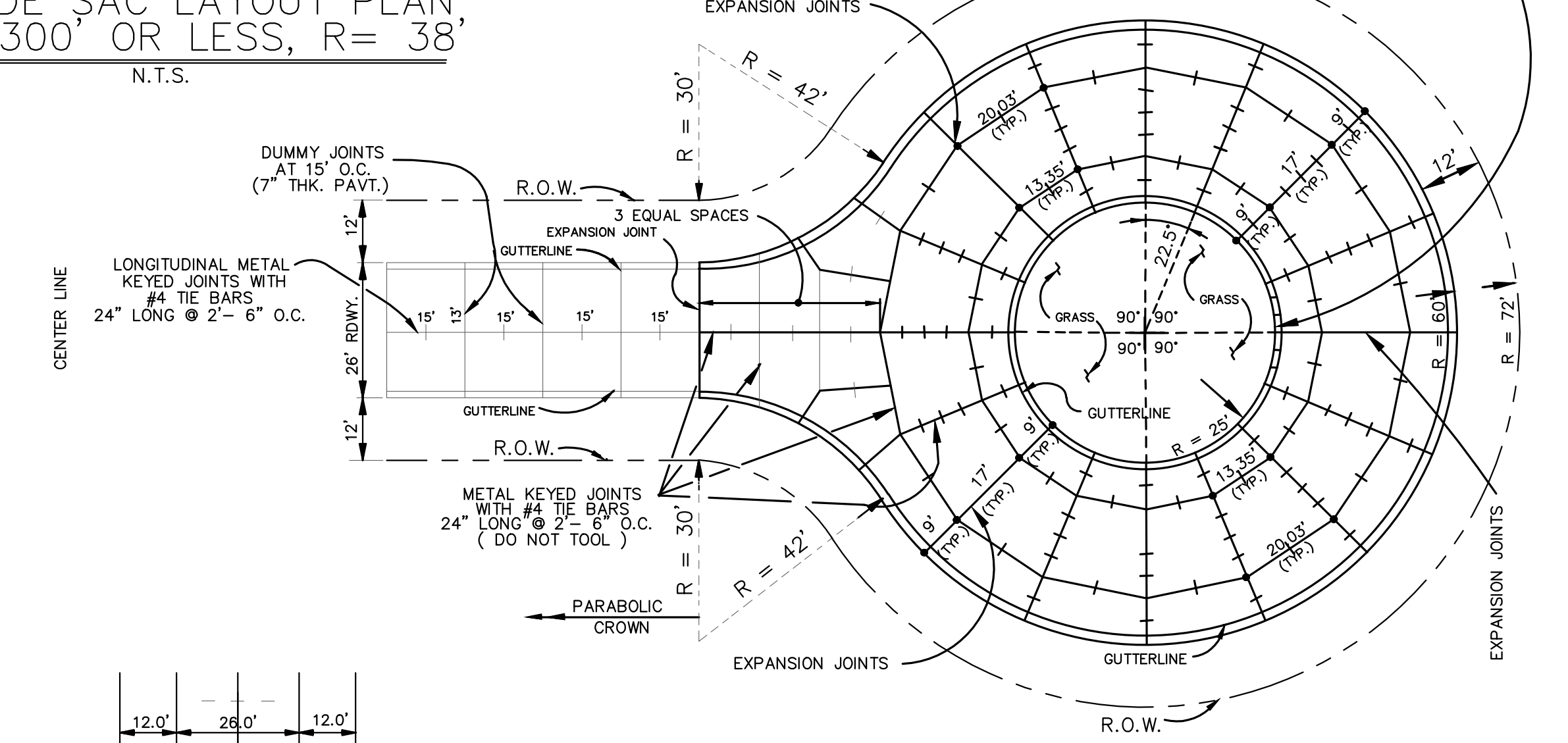
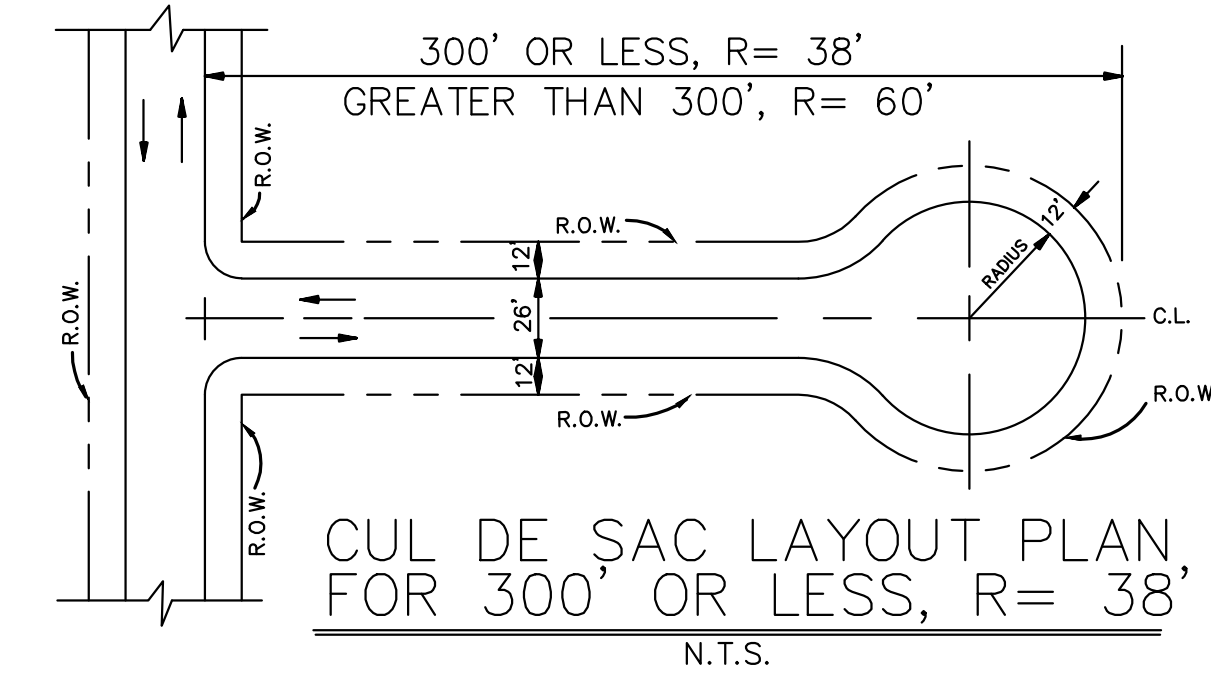
ELEVATION OF EXPANSION JOINT SHOWING ORDINATES AND SPACING OF STARLUG UNITS. FOR 26' PARABOLIC CROWN N.T.S.



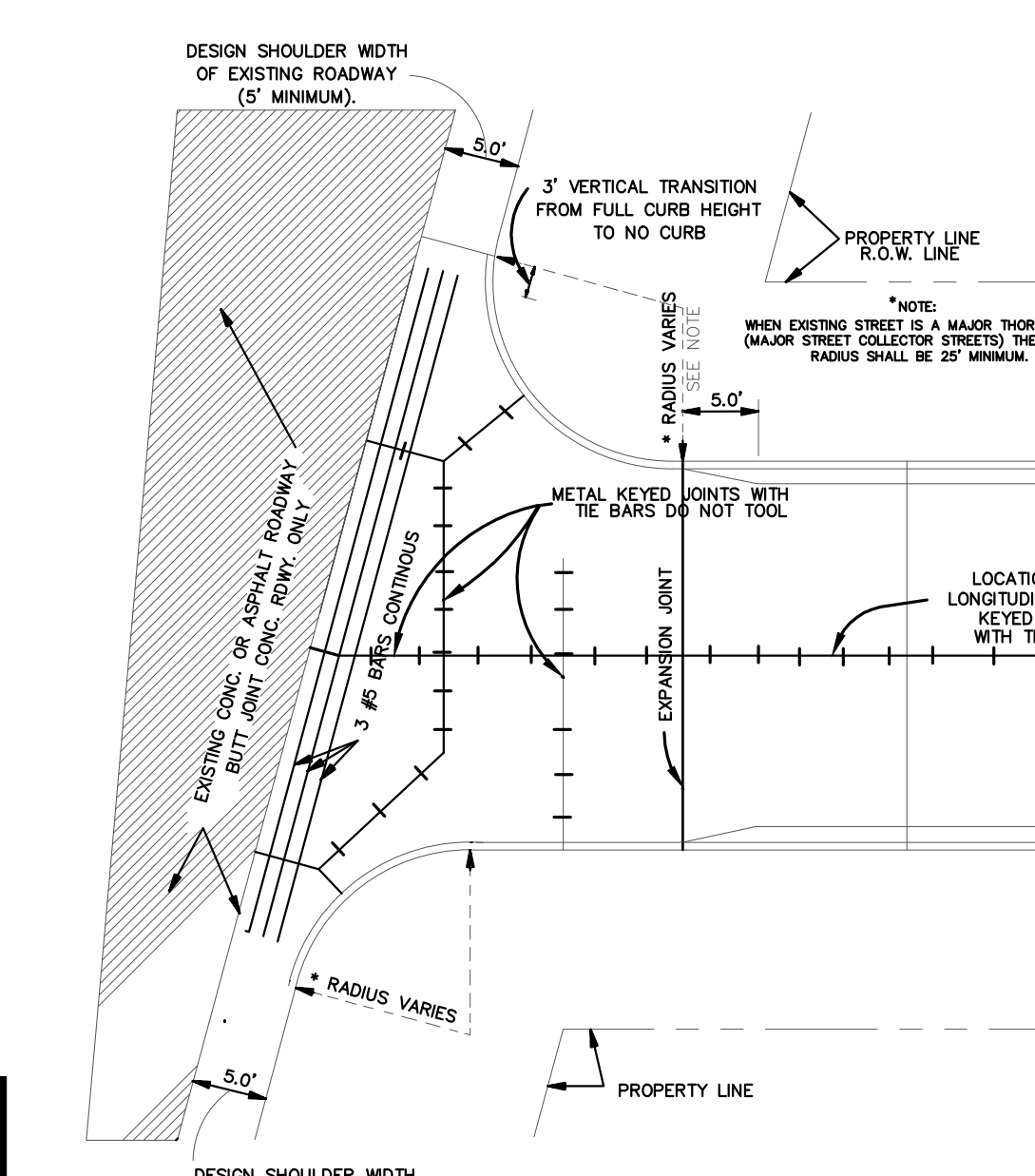
DETAIL "A - A" MODIFIED DEPRESSED BARRIER CURB (DRAINAGE TO CURB SHOWN) TO BE USED ON DRIVEWAYS & OTHER AREAS WHICH REQUIRE THE DEPRESSION OF A BARRIER CURB N.T.S.



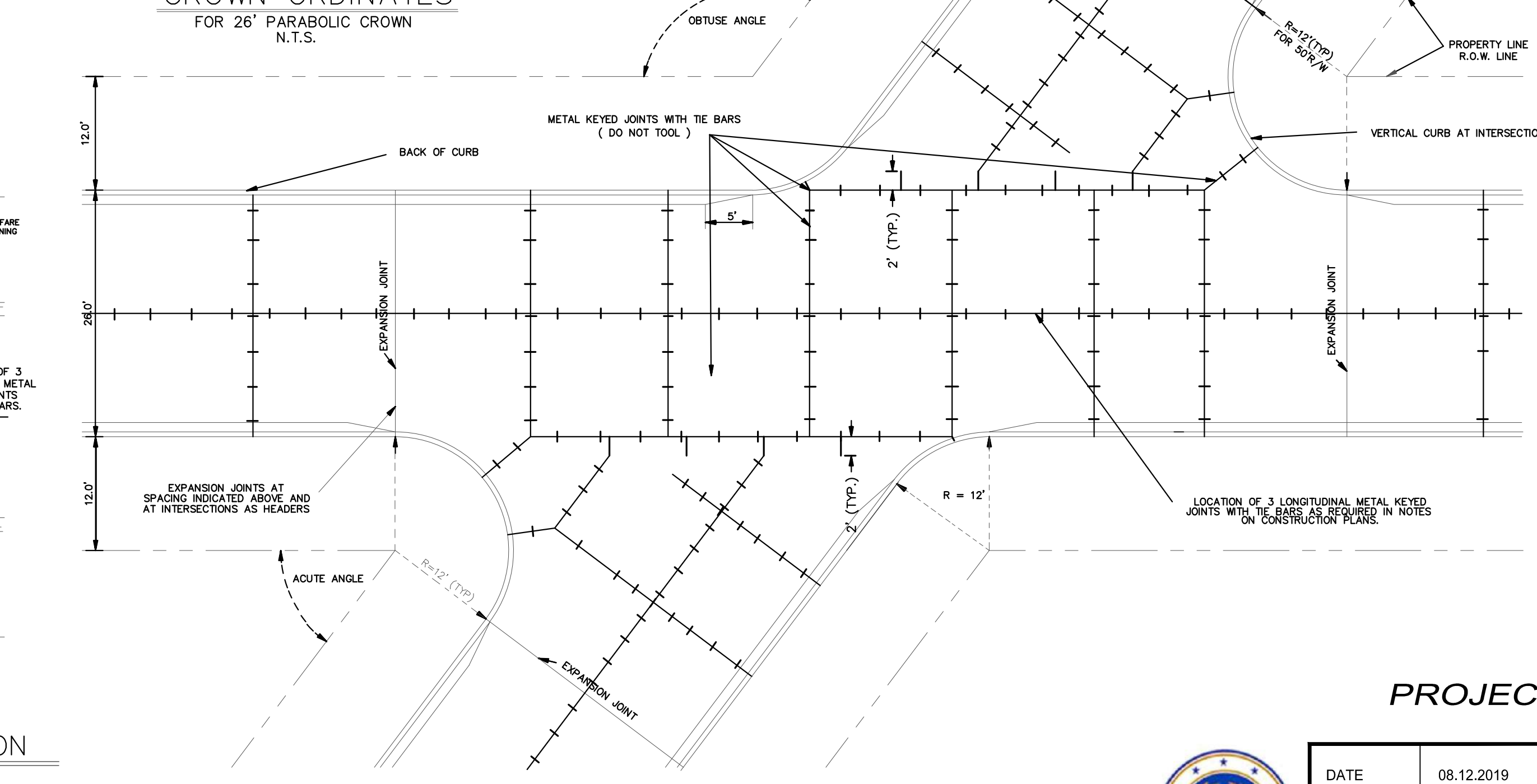
CROWN ORDINATES FOR 26' PARABOLIC CROWN N.T.S.



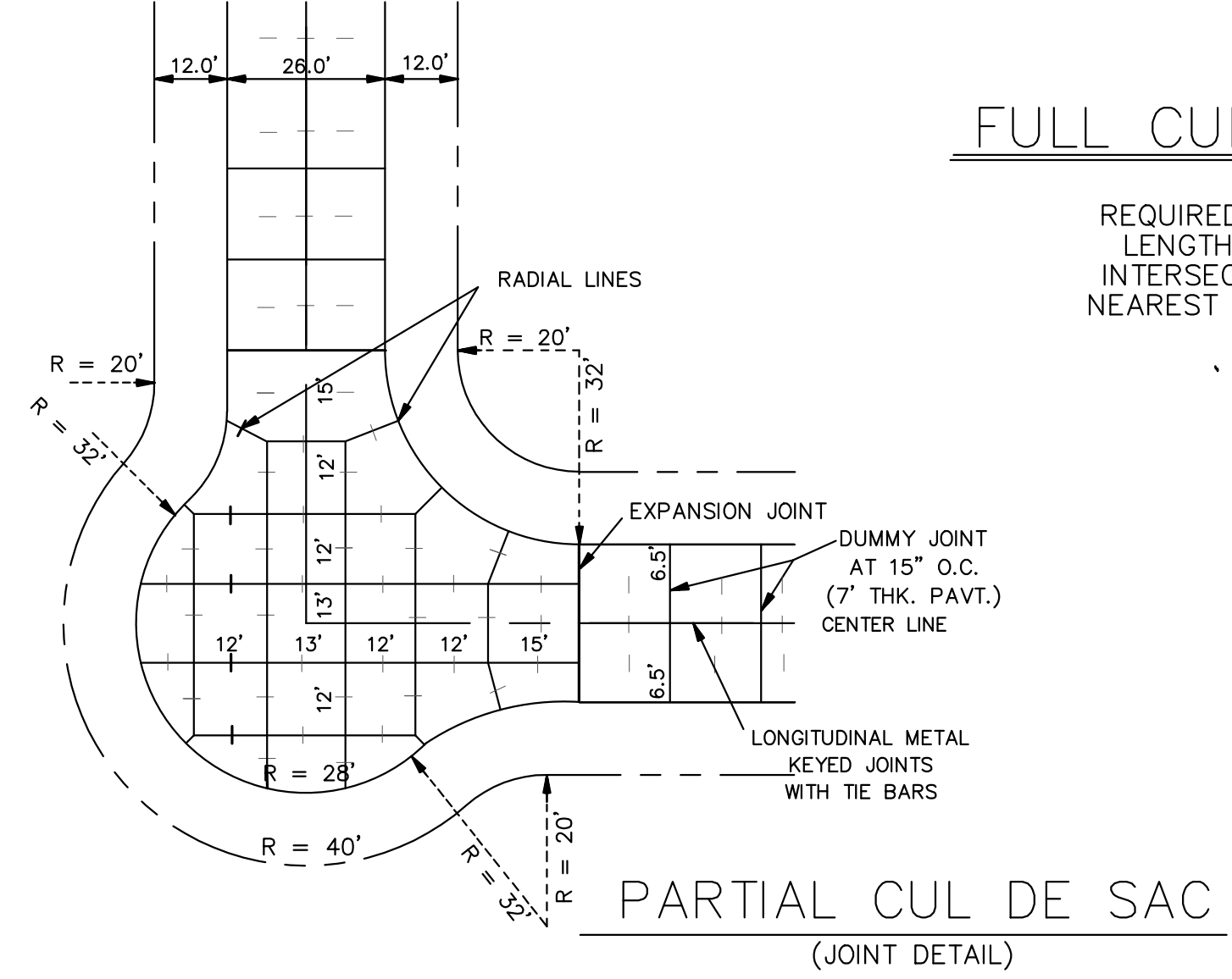
FULL CUL DE SAC (R= 60'72') (JOINT DETAIL) REQUIRED ON DEAD-END STREETS OVER 300' IN LENGTH, MEASURED ALONG CENTERLINE FROM INTERSECTION OF PROJECTED EDGE OF ROAD OF NEAREST INTERSECTING STREET TO END OF R.O.W. SCALE: N.T.S.



TYPICAL INTERSECTION



TYPICAL ANGLE INTERSECTION SHOWN FOR 26' STREET IN 50' R.O.W. N.T.S.



PARTIAL CUL DE SAC (JOINT DETAIL)

PROJECT NAME :

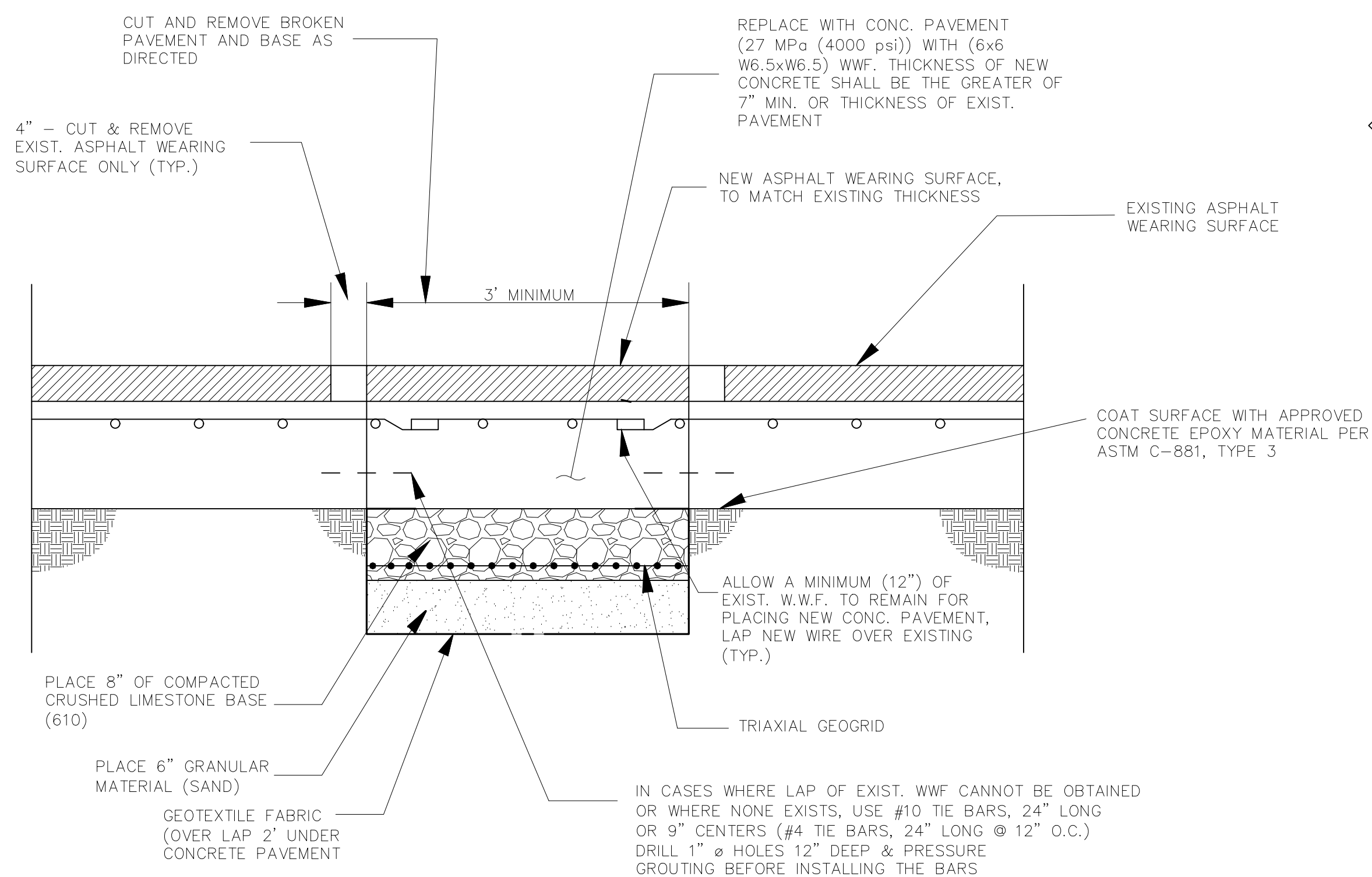
PROJECT NUMBER:



DATE 08.12.2019
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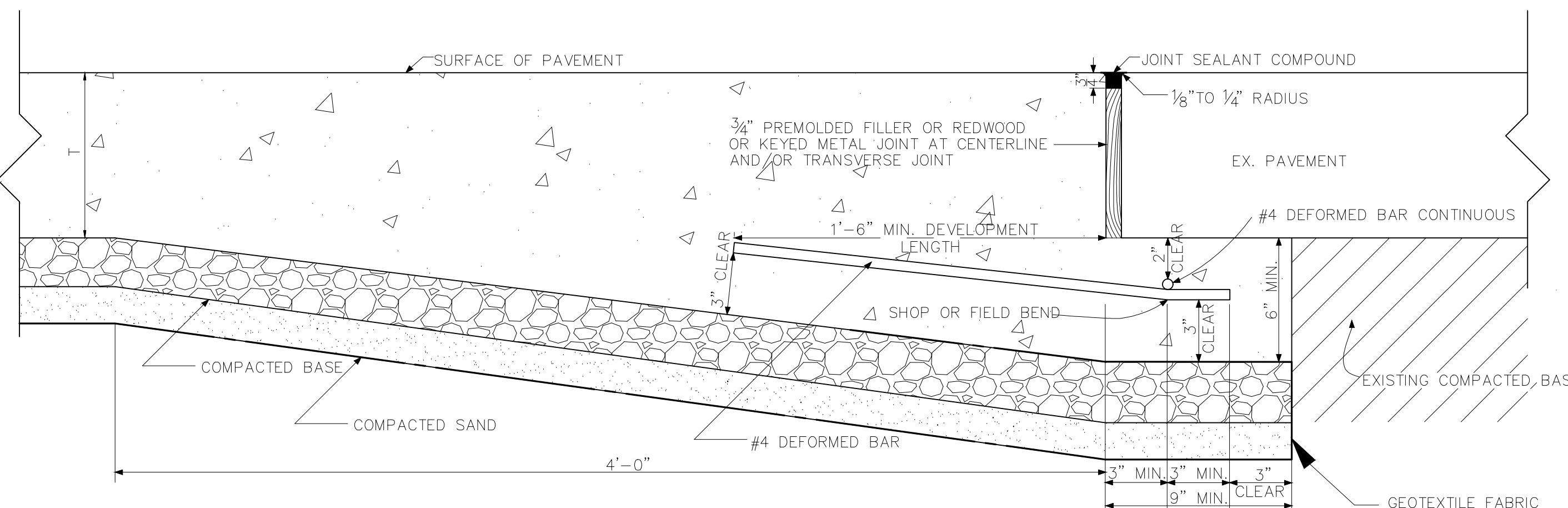
ST. BERNARD PARISH GOVERNMENT
 STANDARD DETAIL PLANS
 INTERSECTION DETAIL

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 DATE
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 DRAWING NUMBER SD - 3
 SHEET 3 OF 16



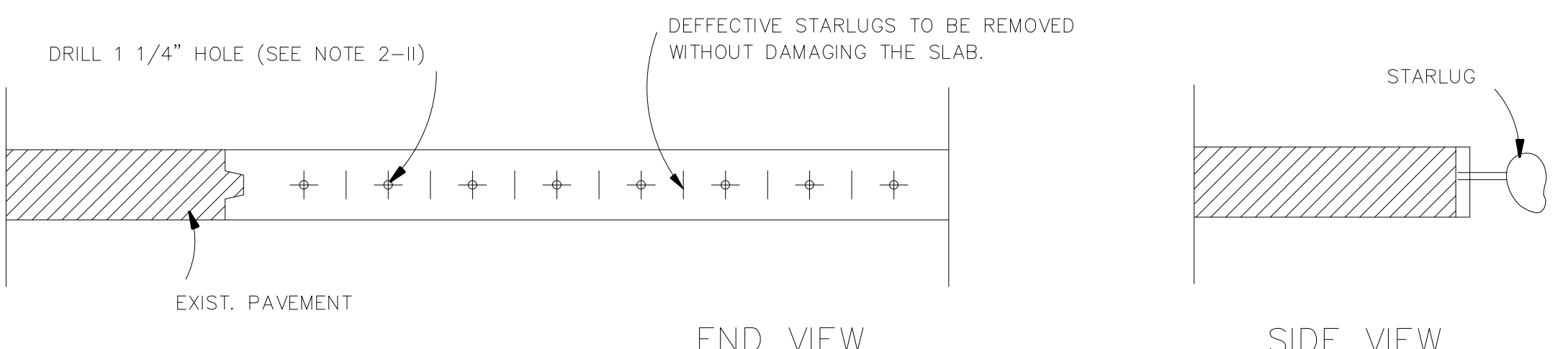
COMPOSITE PAVEMENT REPAIR

N.T.S.



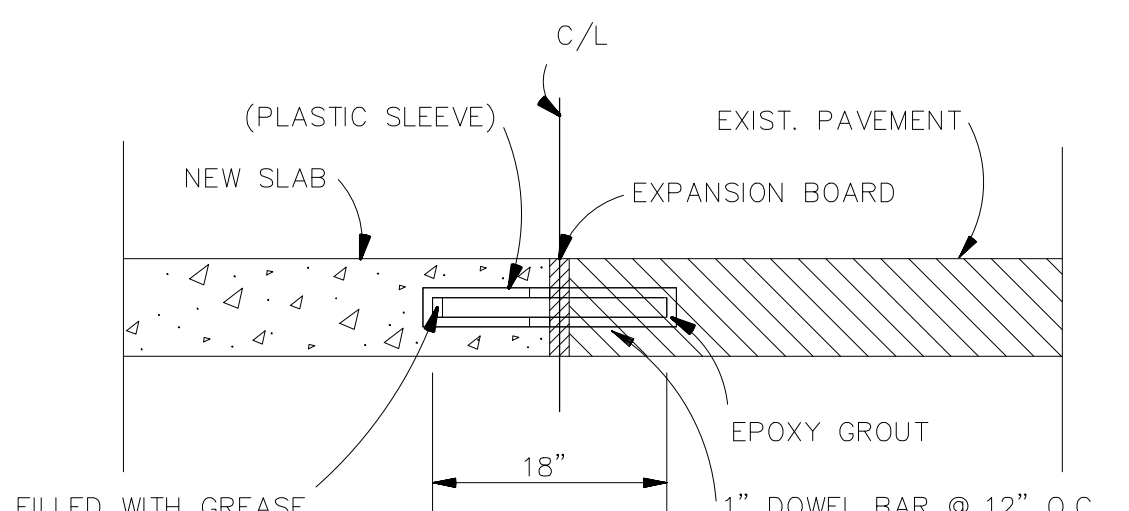
BUTT JOINT

NTS

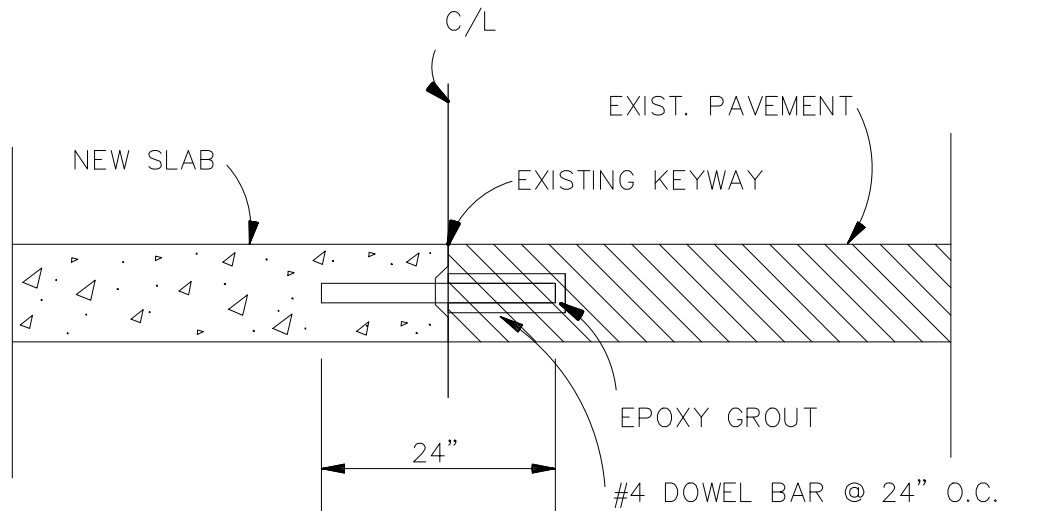


REPLACING JOINT WITH DAMAGED STARLUG SITUATION & DOWELING EXISTING TO PROPOSED CONCRETE

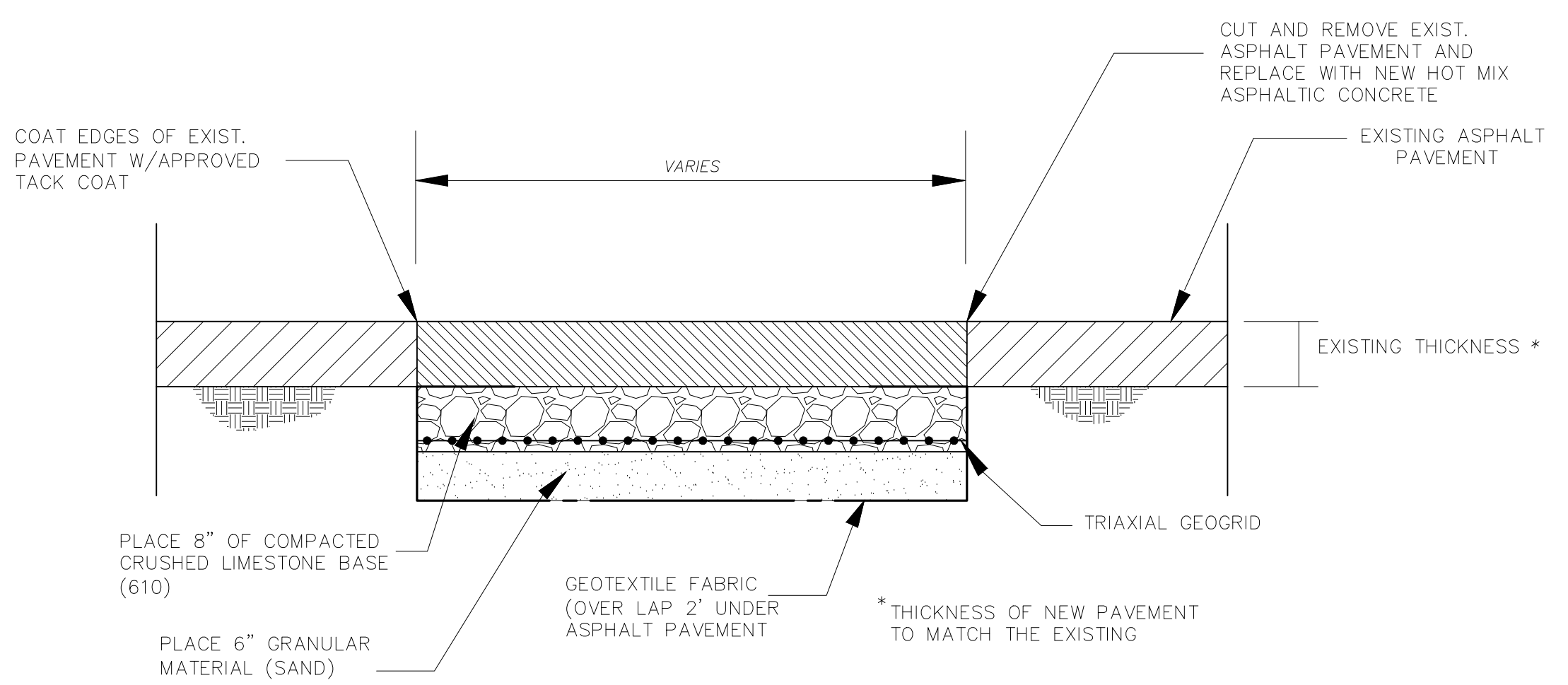
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DOWEL BAR DETAIL FOR TRANSVERSE JOINTS

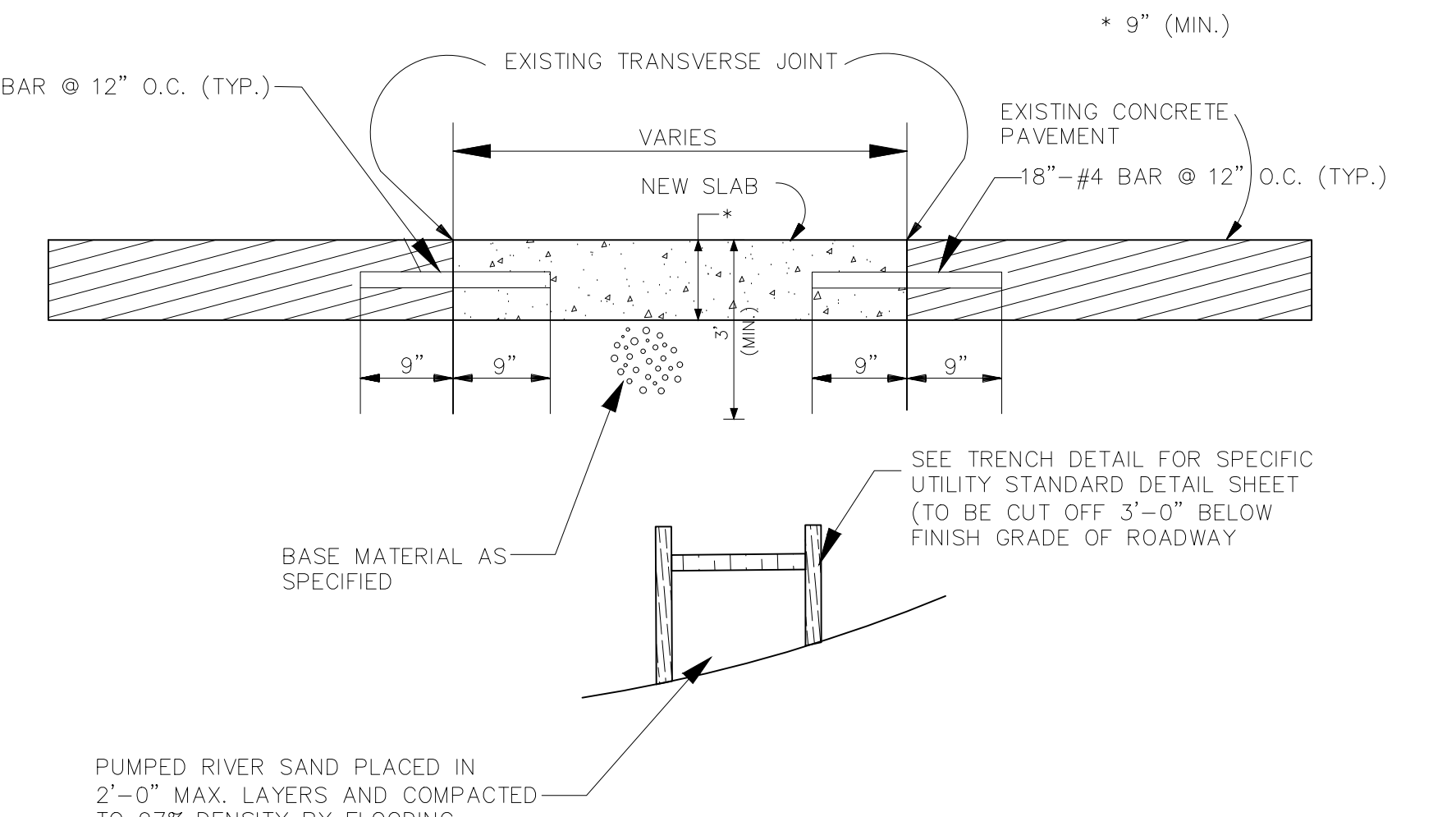


DOWEL BAR DETAIL FOR LONGITUDINAL JOINTS



ASPHALT PAVEMENT REPAIR

N.T.S.



CONCRETE PAVEMENT REPAIR

N.T.S.

- NOTES:
- NOTE: "T" = THICKNESS OF PAVEMENT
 - 8" CLASS II BASE COURSE & 6" EMBANKMENT TO BE INSTALLED ONLY IF EX. BASE IS DEEMED UNSUITABLE BY PROJECT ENGINEER.
 - BUTT JOINT ONLY APPLICABLE WHERE EXISTING CONCRETE IS NOT SUITABLE FOR DOWELING. THE PLACEMENT OF THIS JOINT WILL BE DETERMINED BY PROJECT ENGINEER IN THE FIELD.
 - MINIMUM BAR LENGTH IS TO BE 24"
 - BARS ARE TO BE 12" O.C. AT TRANSVERSE JOINTS AND 24" O.C. AT LONGITUDINAL JOINTS.

- NOTE:
- IF TRENCH IS BETWEEN THE EDGE OF THE ROAD AND 1ST. QUARTER POINT, REMOVE SLABS TO THE QUARTER POINT AND REPLACE THE SECTION TO GRADE AND THICKNESS AS SPECIFIED, AND FORM BUTT JOINT.
 - IF TRENCH IS BETWEEN THE CURB AND CENTERLINE, PAST THE QUARTER POINT, SAW CUT THE PAVEMENT ALONG CENTERLINE, REMOVE HALF THE SLAB, REPLACE HALF SLAB WITH NEW CONCRETE TO SPECIFIED THICKNESS AND FORM A BUTT JOINT ALONG CENTERLINE. INSTALL QUARTER POINT IN THE NEW SLAB.
 - EXISTING SLOPE MAY BE PARABOLIC OR TANGENT. SLOPE OF THE NEW SLAB SHALL MATCH THE EXISTING SLAB.

- NOTES:
- THE ENGINEER WILL DECIDE, PER EXISTING FIELD CONDITIONS, WHETHER TO SALVAGE EXISTING STARLUGS OR REPLACE WITH DOWEL BARS.
 - INSTALLING DOWEL BARS AT BUTT JOINTS
 - REMOVE ALL OF THE STARLUGS FROM THE OLD EXISTING SECTION OF CONCRETE WITHOUT DAMAGING THE SLAB.
 - DRILL 1 1/4" HOLE 9" IN LENGTH BETWEEN STARLUG LOCATIONS IN THE EXISTING SLAB AT CENTER OF SLAB WHERE EXISTING CONCRETE IS > 5".
 - INSERT A 1" PLASTIC COATED SMOOTH DOWEL BAR, 18" LONG, 9" DEEP INTO THE DRILLED HOLE AND GROUT WITH APPROVED EPOXY GROUT.

- GREASE THE REMAINDER OF THE DOWEL BAR AND SLIP A 4" PLASTIC SLEEVE FILLED WITH GREASE OVER END OF BAR AS SHOWN IN DETAIL.
- POUR THE NEW SLAB WITH SMOOTH DOWEL BARS IN POSITION.
- DO NOT TOE CONCRETE UNDER EXPANSION BOARD OR UNDER EXISTING PAVEMENT.
- IF THE EXPANSION BOARD IS DAMAGED AND CANNOT BE SALVAGED, REMOVE THE BOARD AND REPLACE WITH AN APPROVED FLEXIBLE JOINT MATERIAL.
- IF EXISTING CONCRETE IS < 5" A BUTT JOINT WILL BE PLACED ALONG THE FULL LENGTH OF THE TRANSVERSE JOINT.

PROJECT NAME :

PROJECT NUMBER:

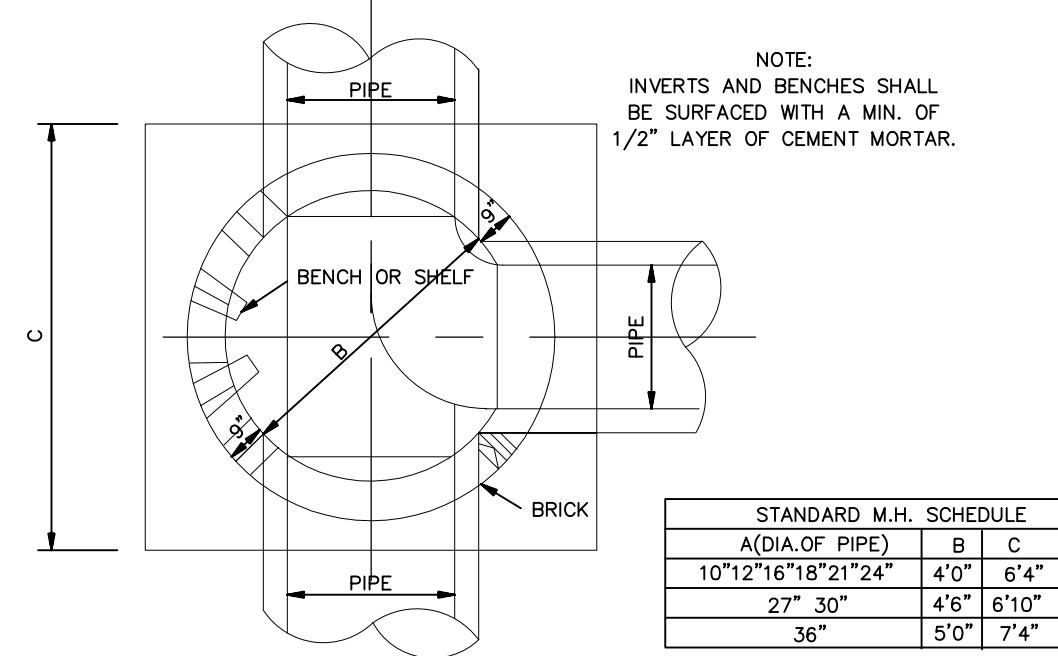


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| SCALE: | NTS |
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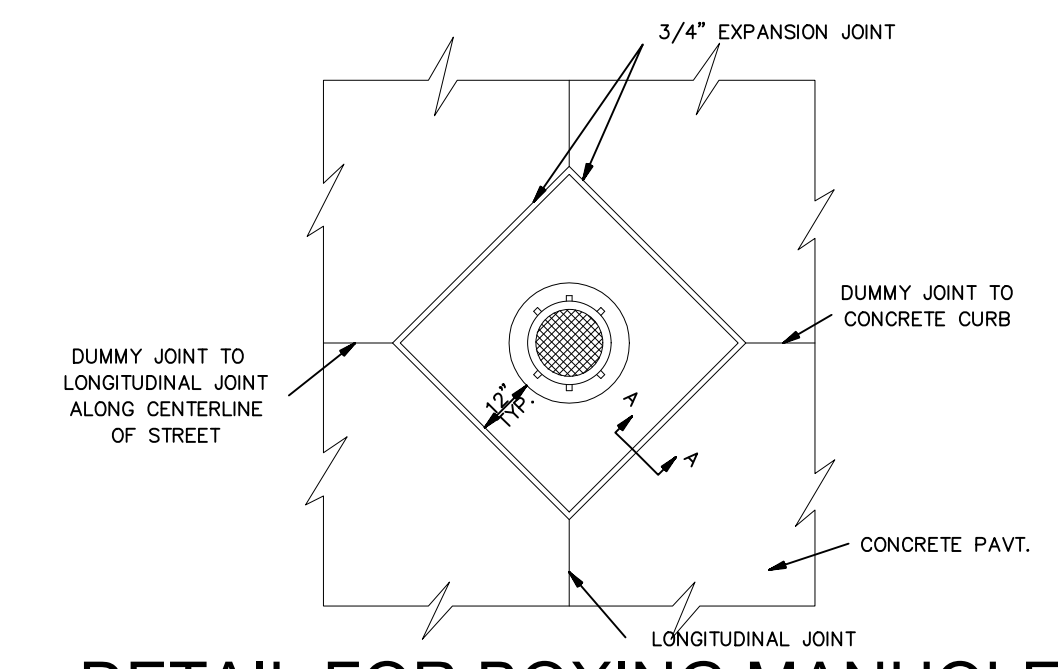
ST. BERNARD PARISH GOVERNMENT
 STANDARD DETAIL PLANS
 ROADWAY RESTORATION
 AND PAVEMENT REPAIR DETAILS

APPROVED BY _____
 DATE _____
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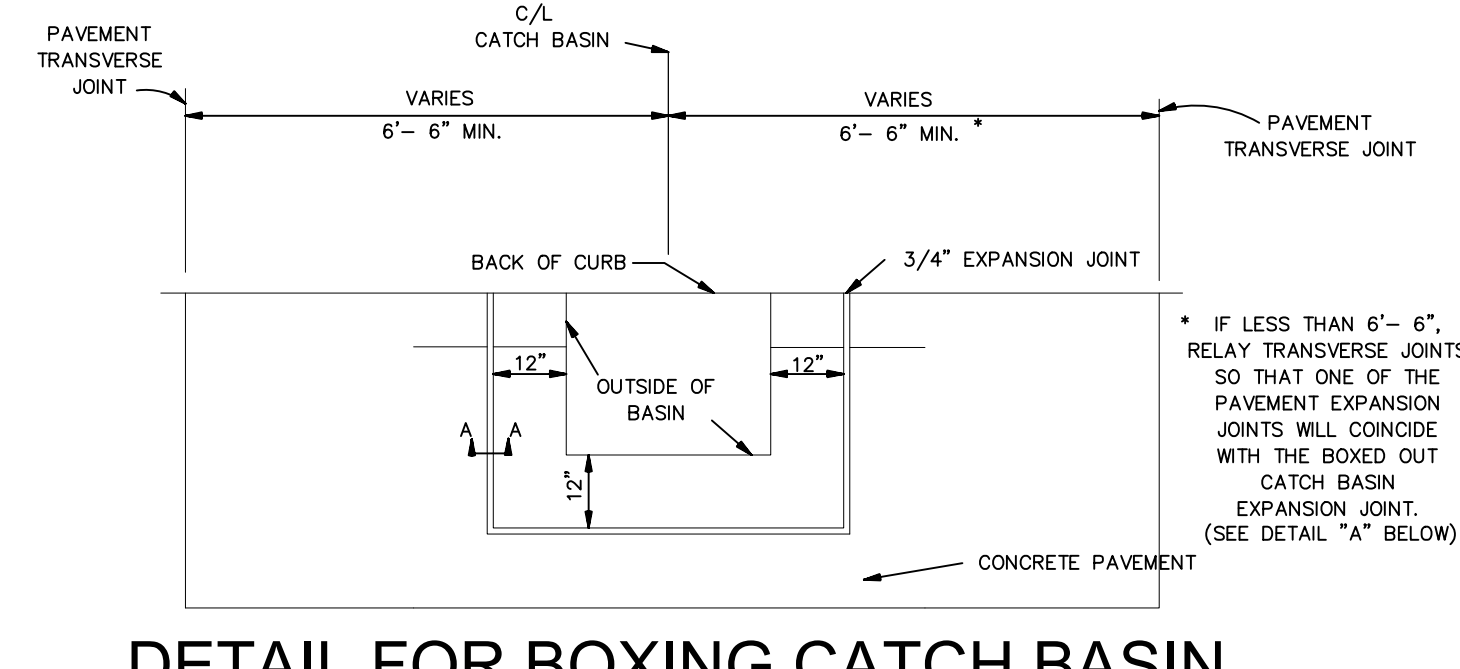
DRAWING NUMBER
SD - 4
 SHEET 4 of 16



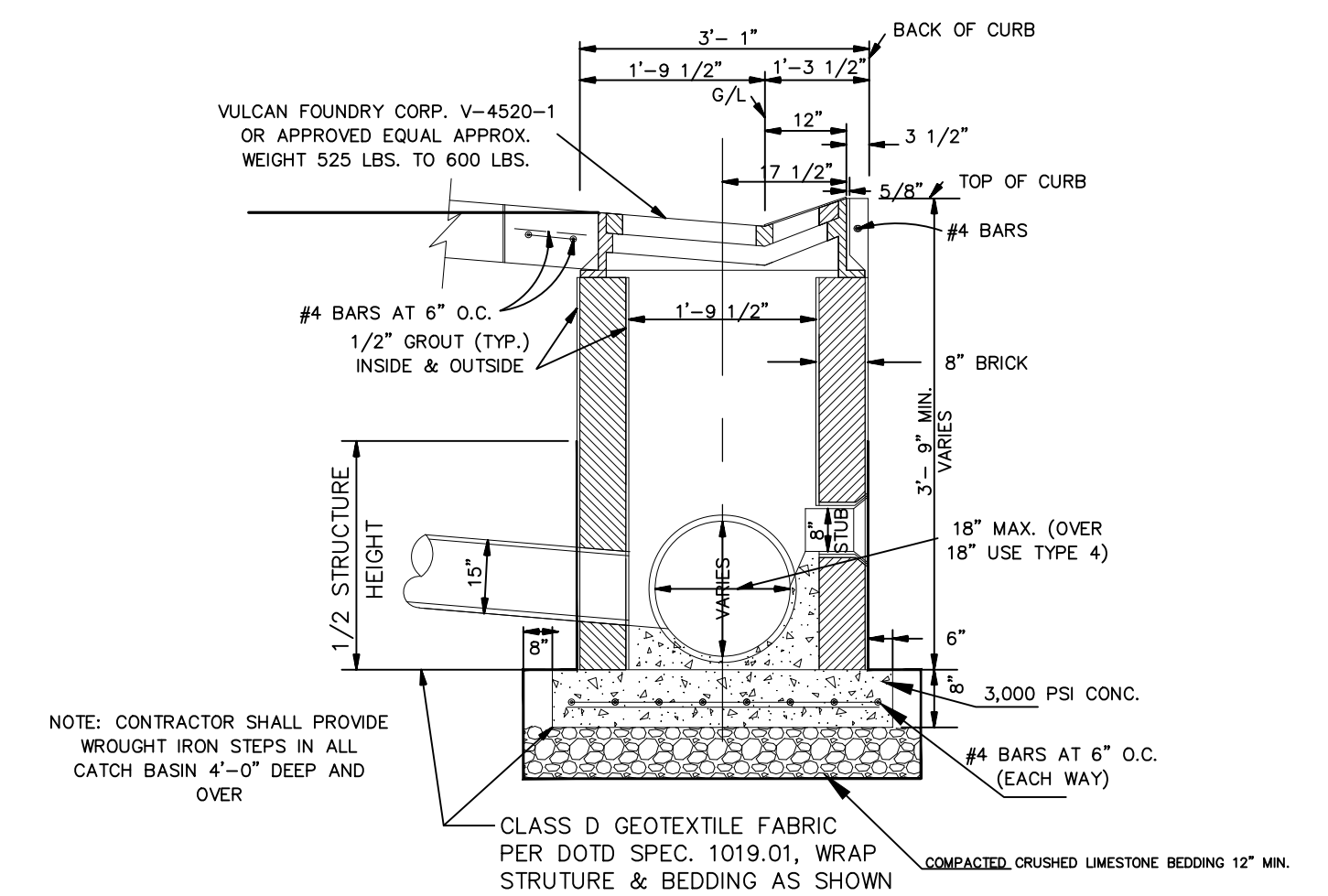
PLAN OF DRAINAGE MANHOLE



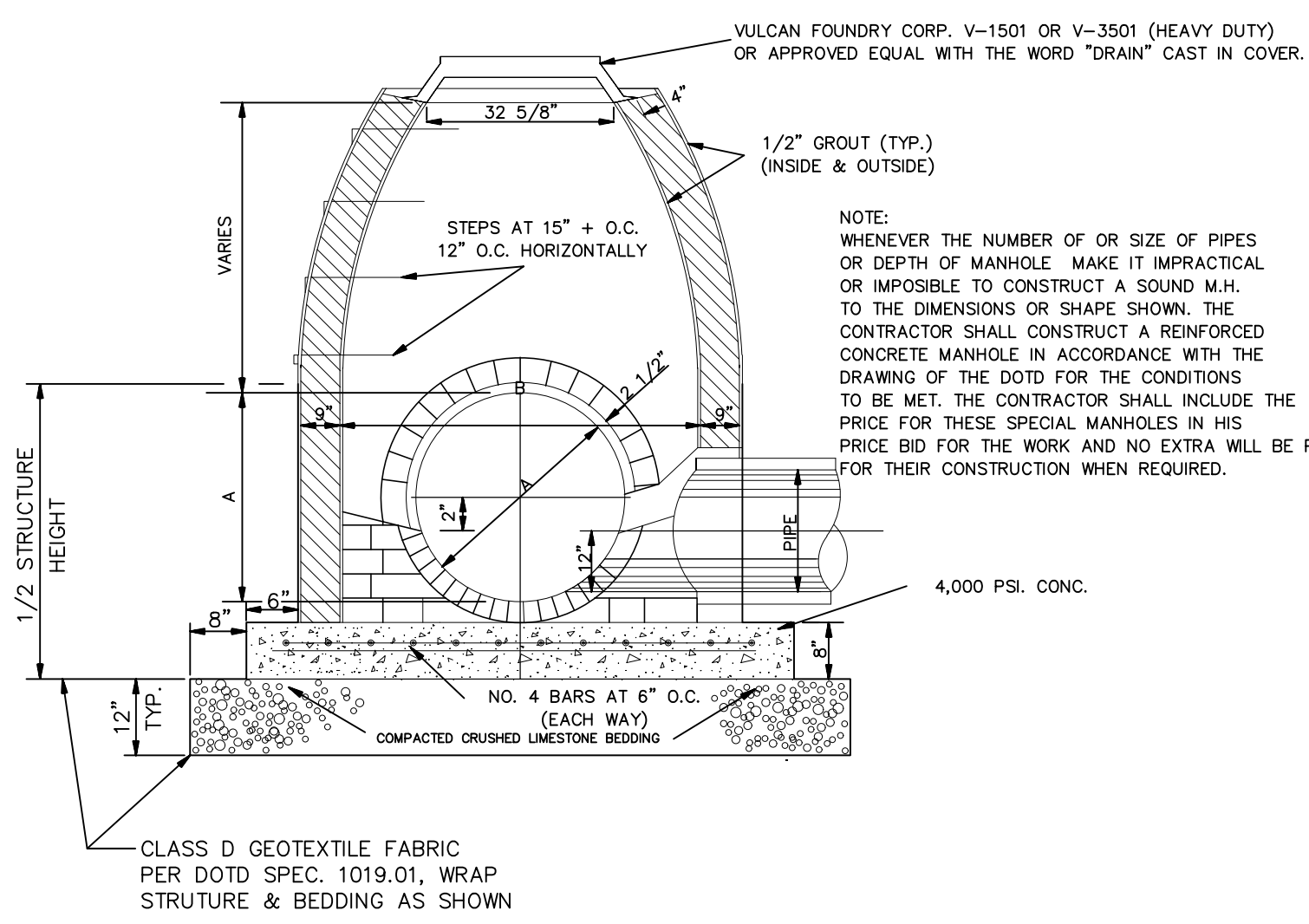
DETAIL FOR BOXING MANHOLE



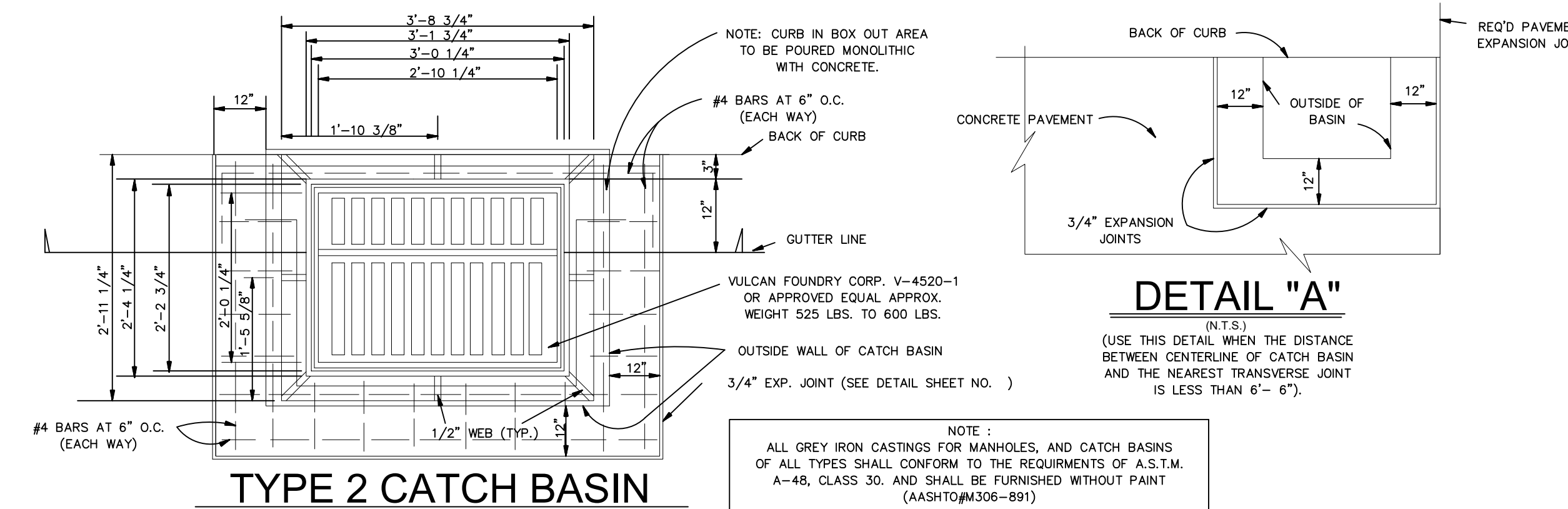
DETAIL FOR BOXING CATCH BASIN (TYPES 2 & 3)



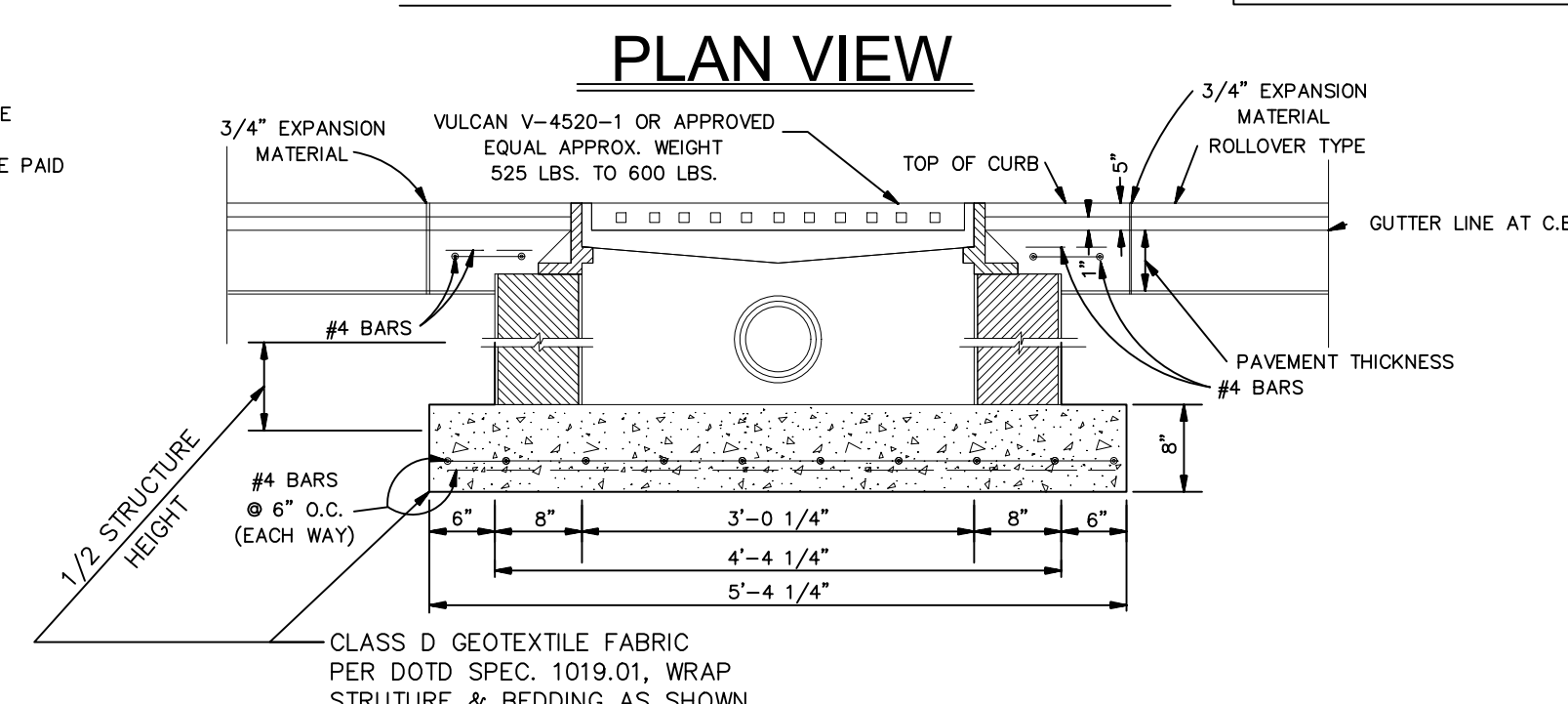
SIDE ELEVATION OF ROLLOVER CATCH BASIN TYPE 2



DRAINAGE MANHOLE



TYPE 2 CATCH BASIN PLAN VIEW

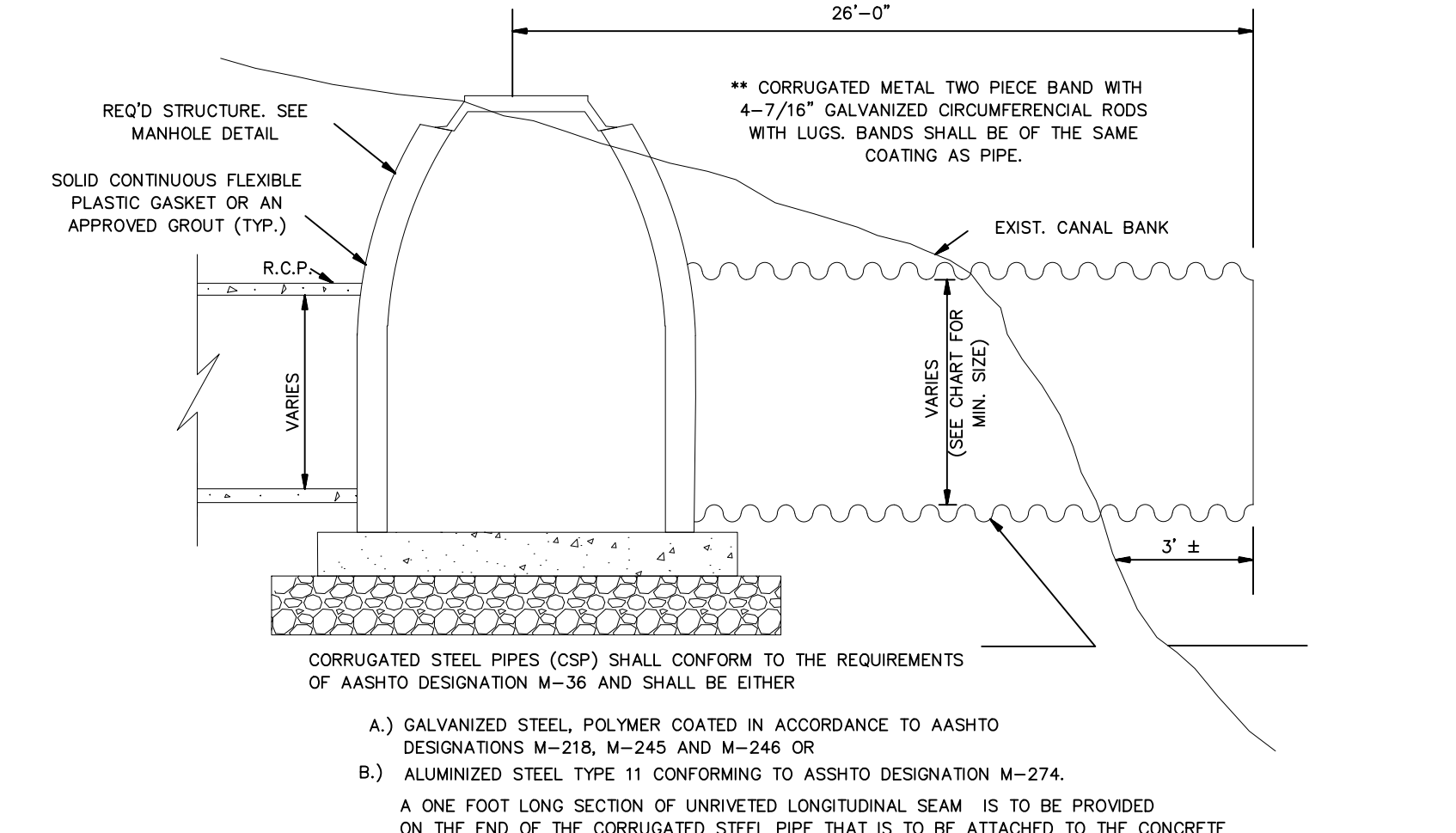


TYPE 2 CATCH BASIN SECTION ALONG GUTTER LINE

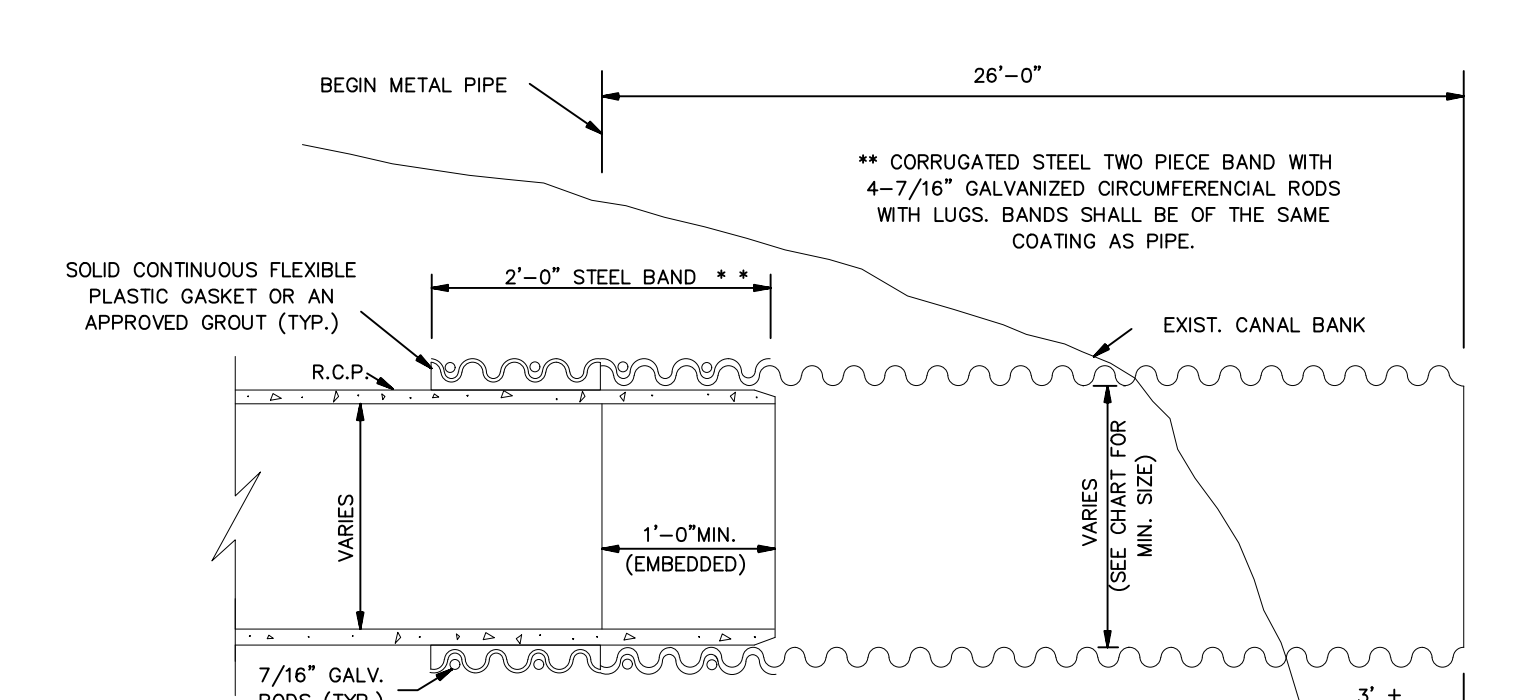
CANAL DISCHARGE PIPE CHART (CMP)

| R.C.P. NOM. DIA. | WALL THICKNESS | R.C.P. O.D. | RE'DD CMP I.D. | GAGE RE'DD |
|------------------|----------------|-------------|----------------|------------|
| 12" | 2" | 16" | 16.5" | Δ 14 |
| 15" | 2.25" | 19.5" | 20" | Δ 12 |
| 18" | 2.5" | 23" | 23.5" | Δ 12 |
| 21" | 2.75" | 26.5" | 27" | Δ 12 |
| 24" | 3" | 30" | 30.5" | Δ 12 |
| 27" | 3.25" | 33.5" | 34" | Δ 12 |
| 30" | 3.50" | 37" | 37.5" | Δ 12 |
| 36" | 4" | 44" | 44.5" | Δ 12 |
| 42" | 4.5" | 51" | 51.5" | Δ 12 |
| 48" | 5" | 58" | 58.5" | Δ 12 |
| 54" | 5.5" | 65" | 65.5" | * 12 |
| 60" | 6" | 72" | 72.5" | * 12 |
| 66" | 6.5" | 79" | 79.5" | * 12 |
| 72" | 7" | 86" | 86.5" | * 12 |
| 78" | 7.5" | 93" | 93.5" | * 12 |
| 84" | 8" | 100" | 100.5" | * 12 |
| 90" | 8.5" | 107" | 107.5" | * 12 |
| 96" | 9" | 114" | 114.5" | * 12 |

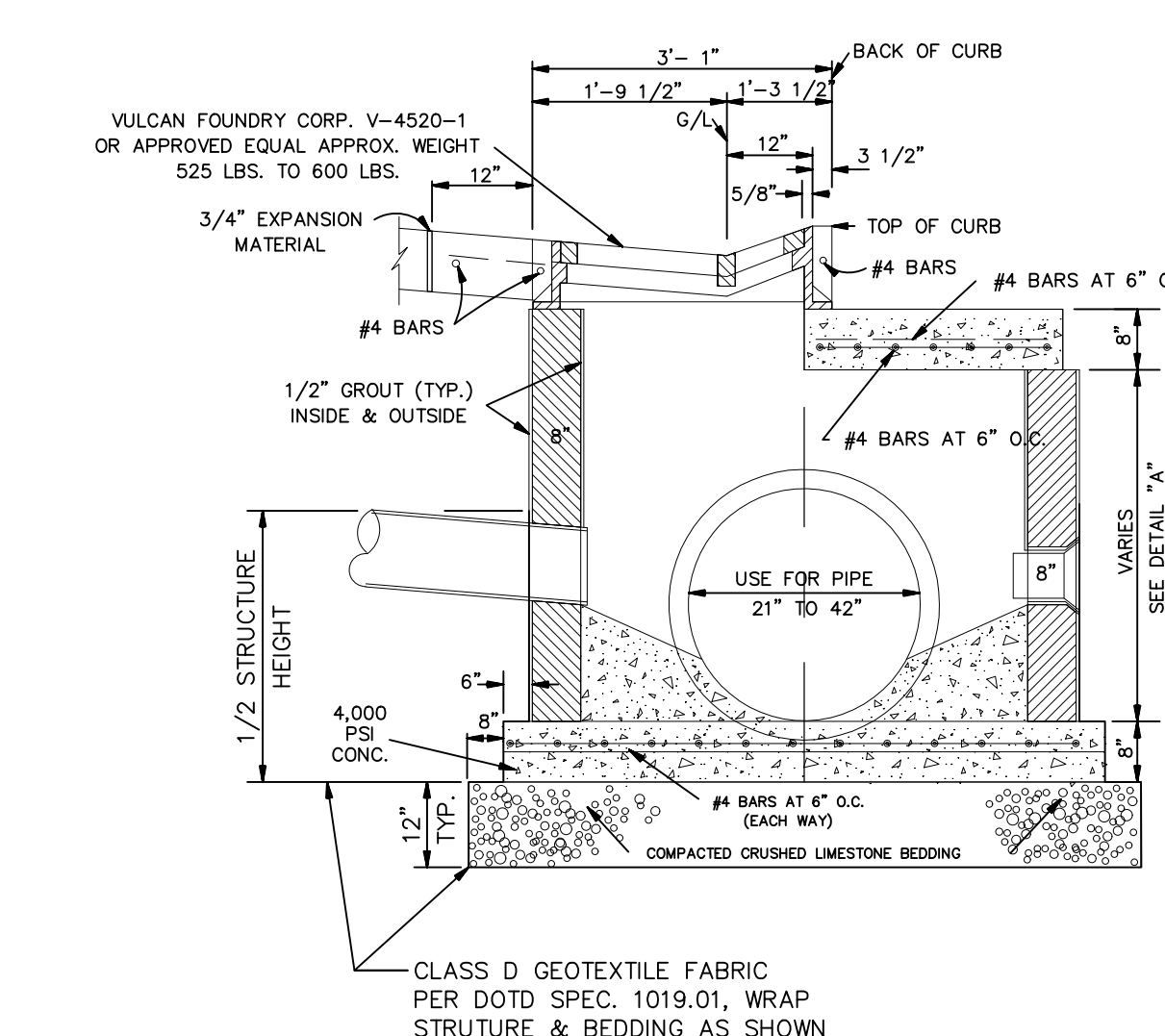
* 2 2/3" X 1 1/2" CORRUGATION REQUIRED.
* 3" X 1" CORRUGATION REQUIRED.



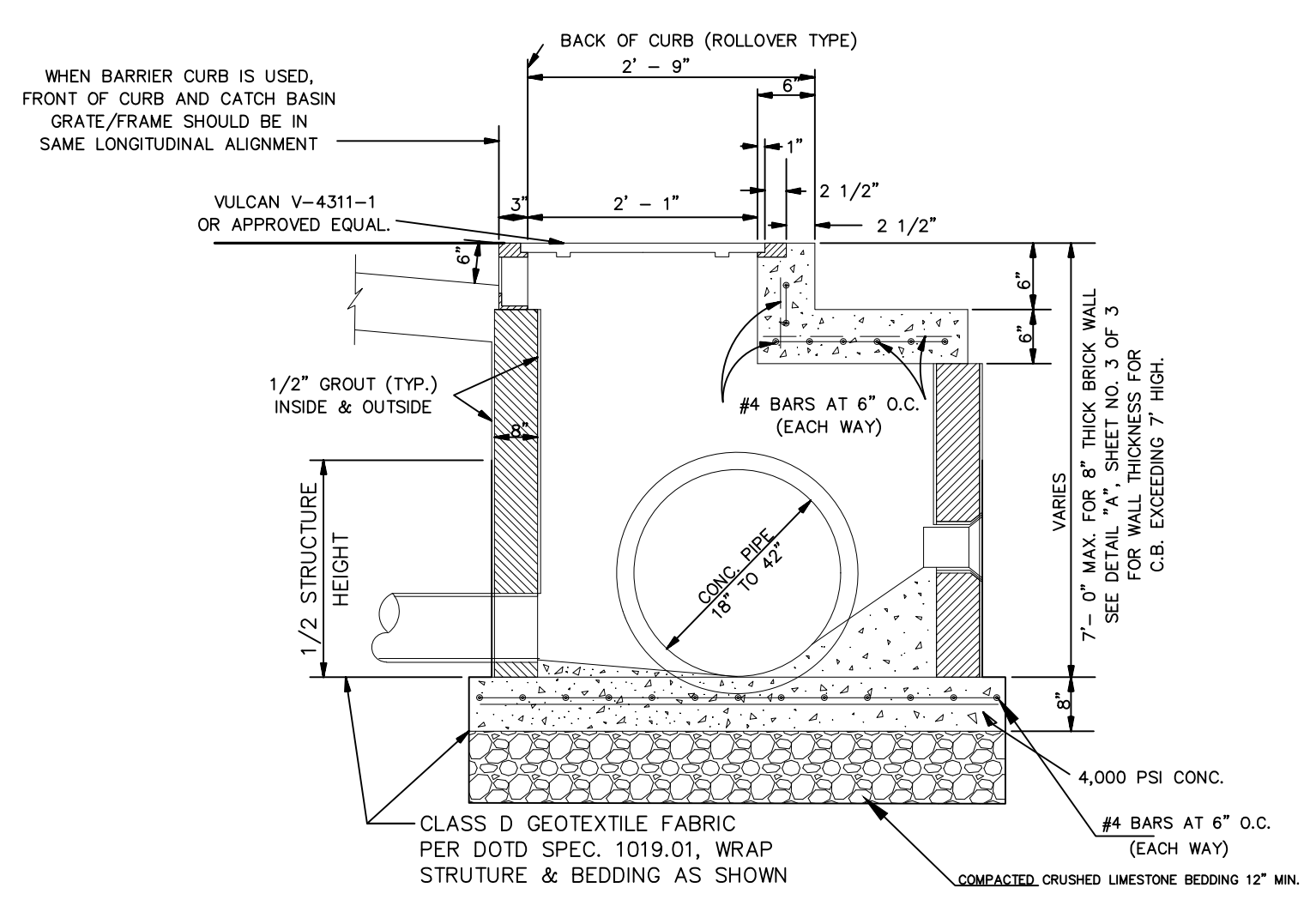
CANAL DISCHARGE PIPE - TYPE A



CANAL DISCHARGE PIPE - TYPE B



TYPE 4 CATCH BASIN



OFFSET CATCH BASIN TYPE NO. 5

POLICY STATEMENT

- REQUIRED TECHNICAL INFORMATION FOR DRAINAGE DITCHES OR CANALS WHICH ABUT OR LIE IN THE PROPOSED SUBDIVISIONS:
- FURNISH A MINIMUM OF TWO (2) CROSS-SECTIONS, ONE AT THE UPSTREAM AND THE OTHER AT THE DOWNSTREAM OF ALL EXISTING DITCHES OR CANALS. THESE CROSS-SECTIONS SHALL BE TIED-IN WITH THE PROPERTY LINE/LINES.
 - SUPERIMPOSE THE MASTER DRAINAGE PLAN'S RECOMMENDED DITCH OR CANAL CROSS-SECTIONS ON THE EXISTING CROSS-SECTIONS, THEN DELINEATE THE REQUIRED MAINTENANCE SERVIDUTE ON BOTH SIDES OF THE CANALS OR DITCHES, THESE SERVIDUTES ARE THE DISTANCES BETWEEN PROPERTY LINES AND THE TOP OF THE PROPOSED DITCH OR CANAL BANKS. (20 FEET MINIMUM SERVIDUTE FOR THE TOP WIDTH OF A DITCH LESS THAN 35 FEET AND 35 FEET MINIMUM SERVIDUTE FOR THE TOP WIDTH OF A CANAL LARGER THAN 35 FEET).
 - IF NO RECOMMENDATIONS ARE GIVEN FOR THE PROPOSED CROSS-SECTIONS OF THE DITCHES OR CANALS IN THE MASTER DRAINAGE PLAN THEN FURNISH THE FOLLOWING INFORMATION:
 - DETERMINE FLOW OF RUN OFF AT THE UPSTREAM REACH OF THE DITCH OR CANAL
 - CALCULATE RUN OFF GENERATED FROM THE PROPOSED SITE.
 - CALCULATE THE PROPOSED CROSS-SECTIONS FOR THE DITCH OR CANAL BASED ON THE SUM OF THESE FLOWS THEN PROCEED AS STEP 2.
 - IF THE EXISTING DITCH IS PROPOSED TO BE RELOCATED OR ABANDONED, THEN A SUITABLE CULVERT/CULVERTS SHALL BE SIZED AND AN ADEQUATE MAINTENANCE SERVIDUTE SHALL BE SHOWN.
 - IN CALCULATING RUN OFF OR SIZING CULVERTS FOLLOW THE PROCEDURES OUTLINED IN THE ST. BERNARD PARISH DRAINAGE DESIGN MANUAL.

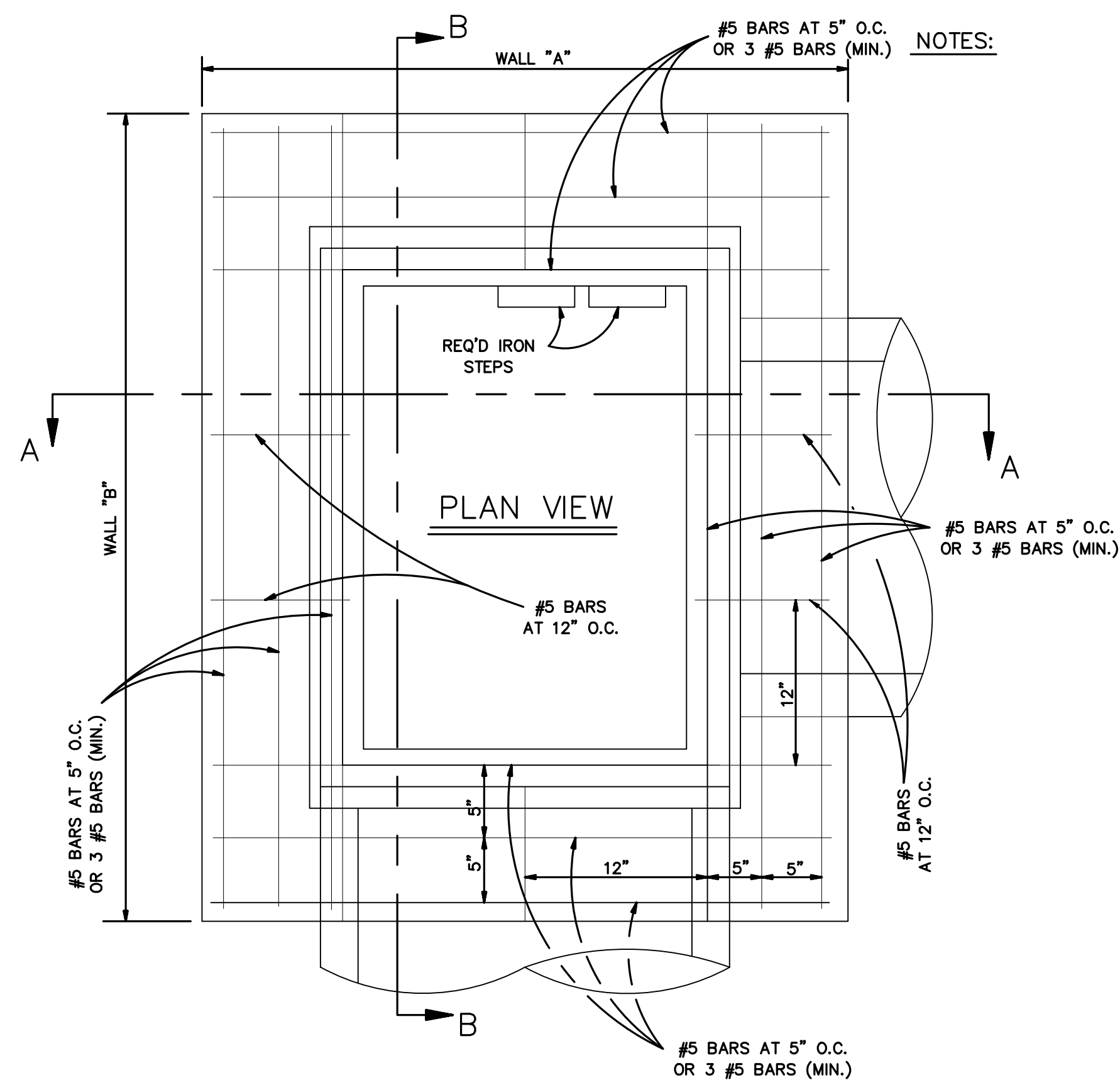
PROJECT NAME :

PROJECT NUMBER:

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| | DATE | 08.09.2019 | ST. BERNARD PARISH GOVERNMENT STANDARD DETAIL PLANS DRAINAGE DETAILS (1 OF 3) | APPROVED BY | | DRAWING NUMBER | SD - 5 |
| | DRAWN BY | MF/AR | | | | | |
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SHEET 5 OF 16

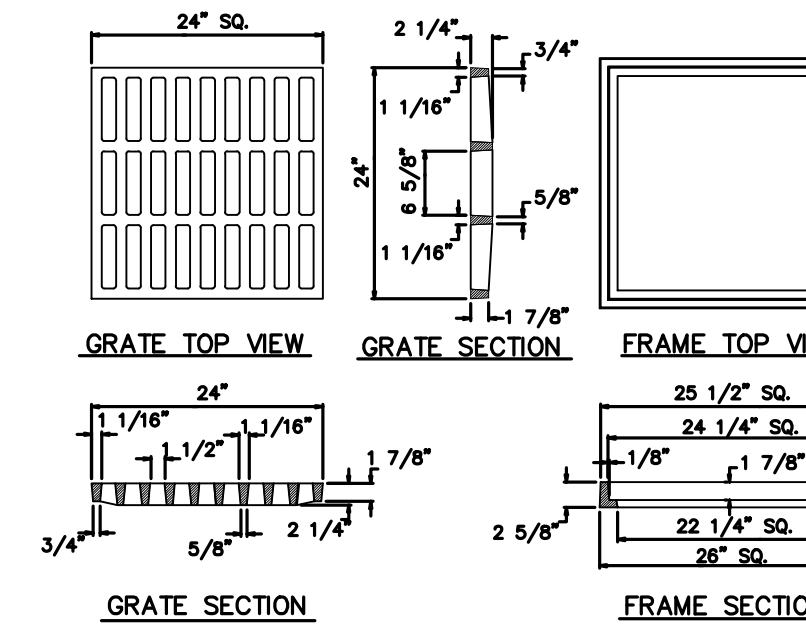


- NOTES:
1. CULVERT SIZE SHOWN PERTAIN TO B & S PIPE. (UNLESS OTHERWISE SPECIFIED).
 2. CONCRETE STRENGTH TO BE 3,000 PSI (MINIMUM) AT 28 DAYS.
 3. DIMENSIONS FOR BOTTOM SLAB AS PER DIMENSIONS FOR WALLS "A" AND "B".
 4. WHEN BOX IS 7'-0" OR LESS IN HEIGHT, WALLS TO BE 8" THICK. WHEN BOX HEIGHT IS GREATER THAN 7'-0" BUT LESS 12'-0", SEE DETAIL "A".
 5. WIDTH OF SHELL BEDDING SHALL BE AS PER DIMENSIONS SHOWN FOR WALLS "A" AND "B" PLUS 2'-0".
 6. ALL MASONRY TO BE LAID WITH RUNNING BOND AND HEADER COURSE (EVERY FOURTH LAYER).
 7. ALL WALLS TO BE PLASTERED INSIDE AND OUTSIDE (1/2" MIN. THICKNESS).
 8. ALL GRATES AND FRAMES SHALL BE VULCAN FOUNDRY OR APPROVED EQUAL. ALL CAST IRON TYPE AND WITHOUT PAINT.

NOTE:
ALL GREY CASTINGS FOR MANHOLES AND CATCH BASINS OF ALL TYPES SHALL CONFORM TO THE REQUIREMENTS OF A.S.T.M. A-48, CLASS 50, AND SHALL BE FURNISHED WITHOUT PAINT (AASHTO#206-89)

| SQUARE " GRATE " (V-5724-1) | | | | | | | |
|-----------------------------|---------------|------------------|--------|---------------------|---------------|---------------|---------|
| CULVERT SIZE | BOTTOM SLAB | TOP SLAB (A & B) | C & D | CULVERT SIZE | BOTTOM SLAB | TOP SLAB | C & D |
| 12" DIA. | 4'-2" x 4'-2" | 3'-2" x 3'-2" | 7 7/8" | 21" DIA. x 24" DIA. | 5'-0" x 5'-0" | 4'-6" x 4'-6" | 15 7/8" |
| 15" DIA. | 4'-4" x 4'-4" | 3'-4" x 3'-4" | 8 7/8" | 27" DIA. x 30" DIA. | 6'-0" x 6'-0" | 5'-0" x 5'-0" | 16 7/8" |
| 18" DIA. | 4'-6" x 4'-6" | 3'-6" x 3'-6" | 9 7/8" | 36" DIA. | 6'-6" x 6'-6" | 5'-6" x 5'-6" | 21 7/8" |

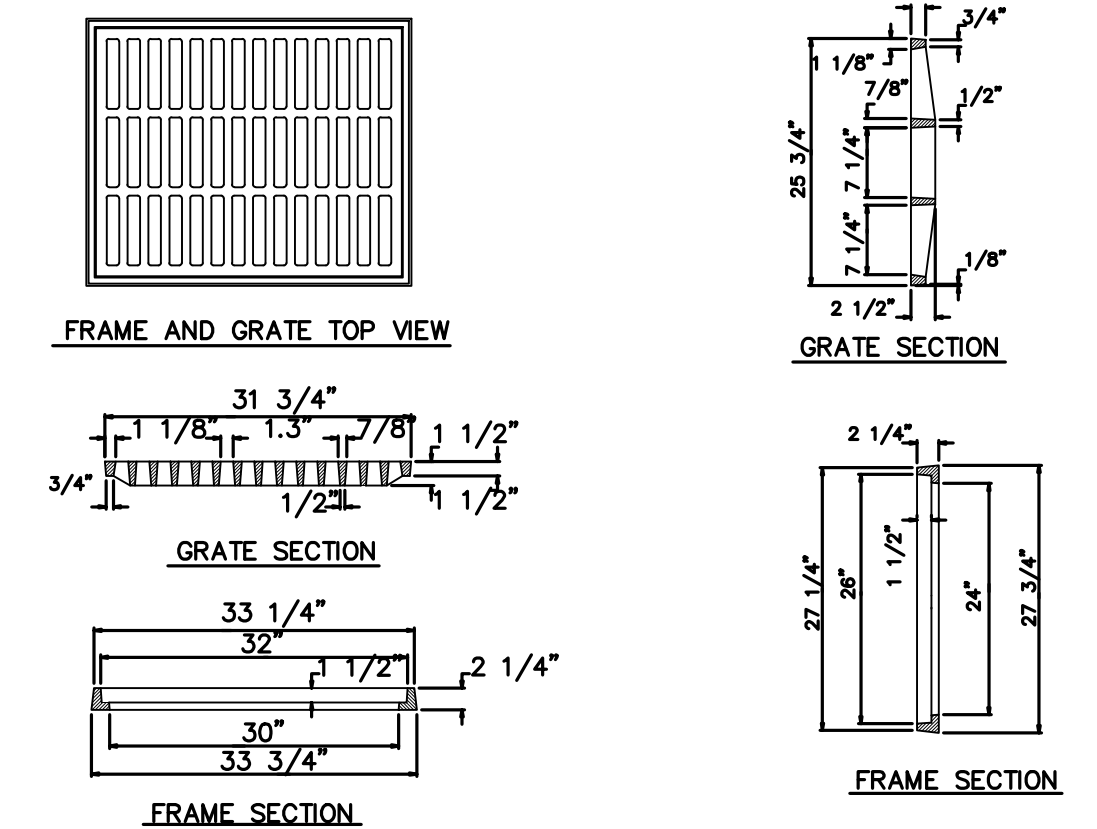
| RECTANGULAR " GRATE " (V-5762) | | | | | | | |
|--------------------------------|----------|-----------------------|----------|-----------------------|--|--|--|
| CULVERT SIZE ON WALLS A & B | WALL "A" | "C" | WALL "B" | "D" | | | |
| 21" DIA. & 24" DIA. B & S | 4'-6" | 15" (3 NO.5 BARS) | 4'-6" | 15" (3 NO.5 BARS) | | | |
| 27" DIA. & 30" DIA. B & S | 5'-0" | 18" (3 NO.5 BARS) | 5'-0" | 15" (3 NO.5 BARS) | | | |
| 36" DIA. B & S | 5'-6" | 22 1/2" (3 NO.5 BARS) | 5'-6" | 19 1/2" (3 NO.5 BARS) | | | |
| 42" DIA. B & S | 6'-0" | 27" (4 NO.5 BARS) | 6'-0" | 24" (4 NO.5 BARS) | | | |
| 48" DIA. B & S | 7'-0" | 30" (5 NO.5 BARS) | 7'-0" | 27" (4 NO.5 BARS) | | | |
| 54" DIA. T & G | 7'-3" | 31 1/2" (5 NO.5 BARS) | 7'-3" | 28 1/2" (5 NO.5 BARS) | | | |
| 60" DIA. T & G | 7'-6" | 35" (6 NO.5 BARS) | 7'-6" | 32" (6 NO.5 BARS) | | | |
| 72" DIA. T & G | 9'-0" | 42" (7 NO.5 BARS) | 9'-0" | 39" (7 NO.5 BARS) | | | |



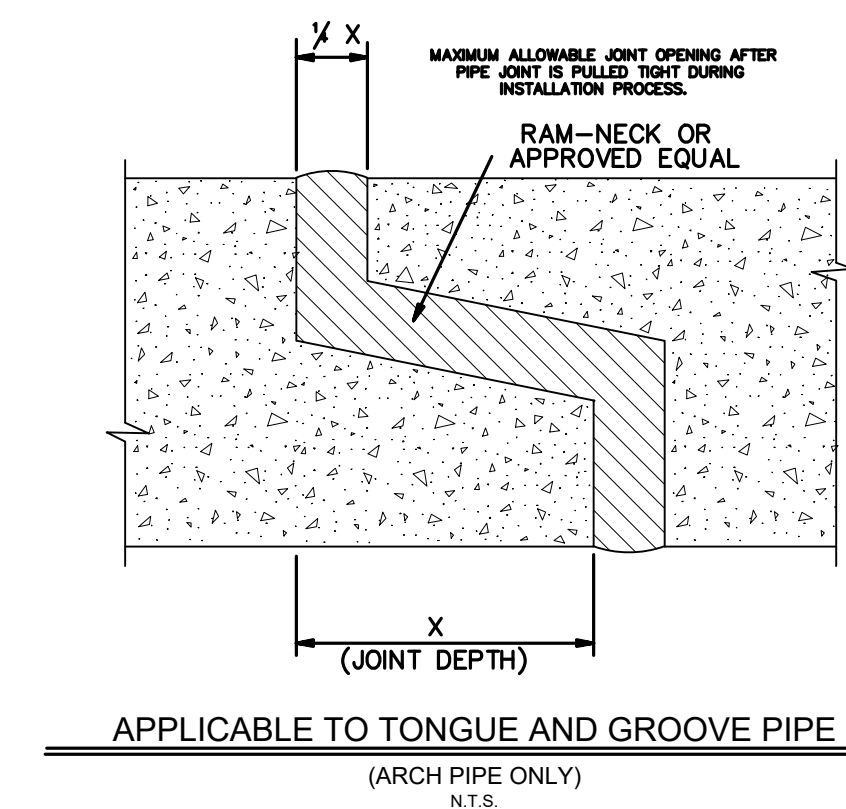
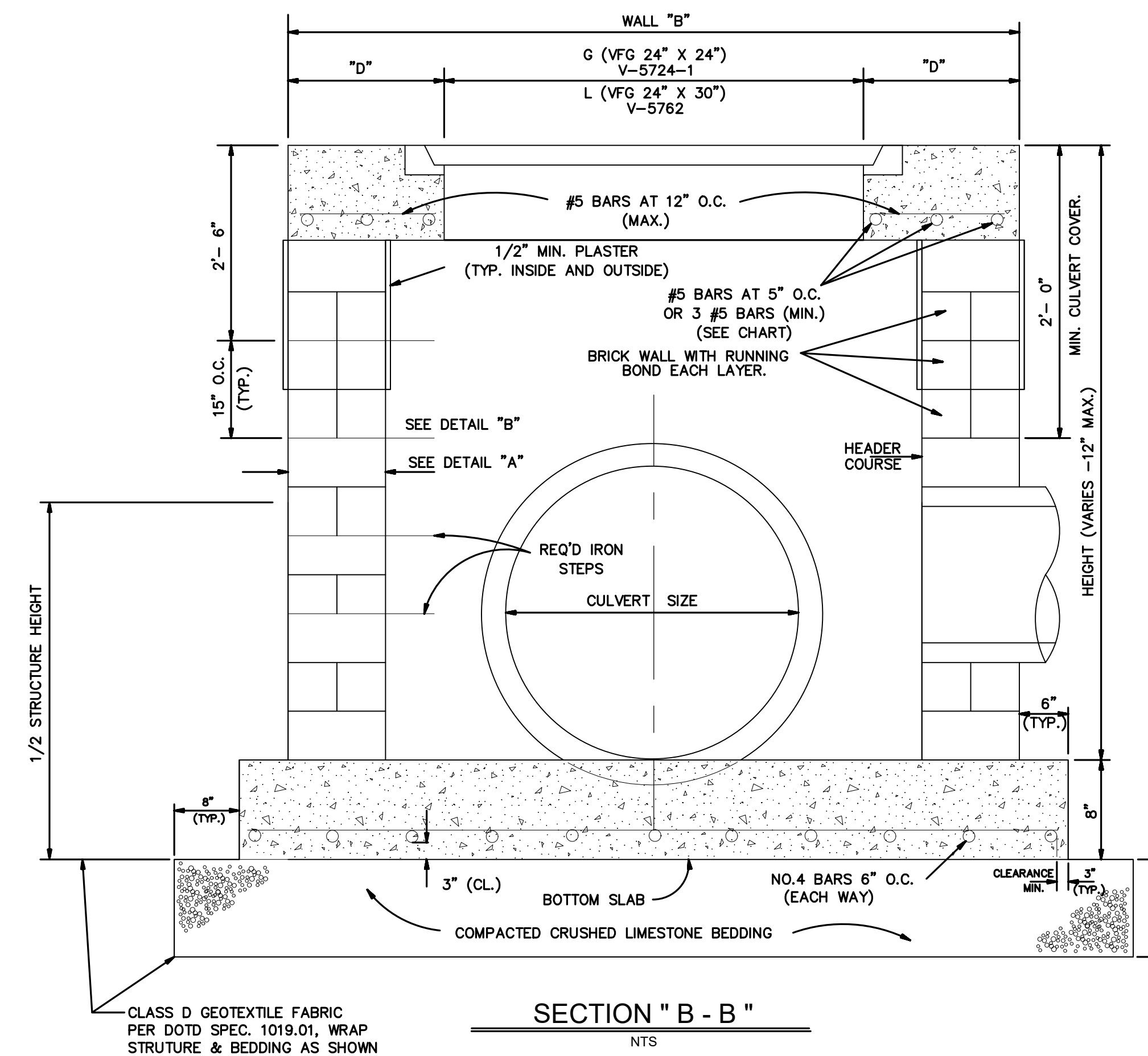
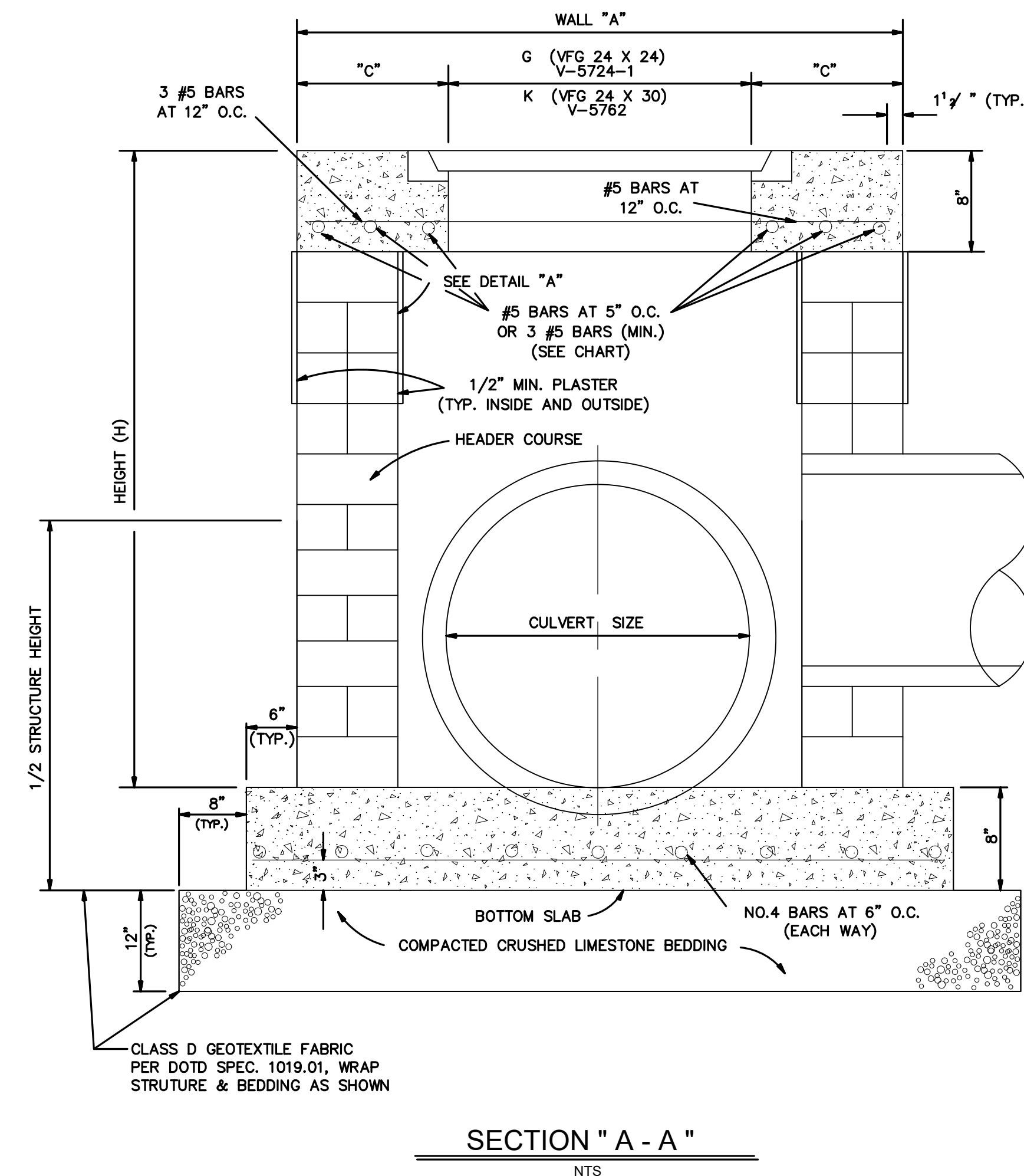
SQUARE D.I.

NOTE:
SOLID COVERS ARE AVAILABLE ON REQUEST.

B & S = BELL & SPIGOT
T & G = TONGUE & GROOVE
W.I. = WROUGHT IRON

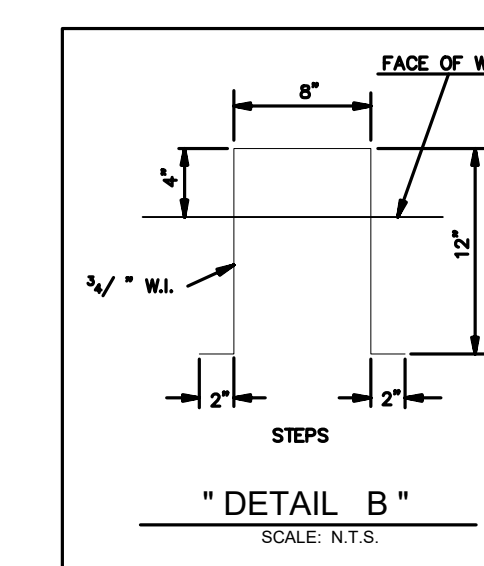


RECTANGULAR D.I.

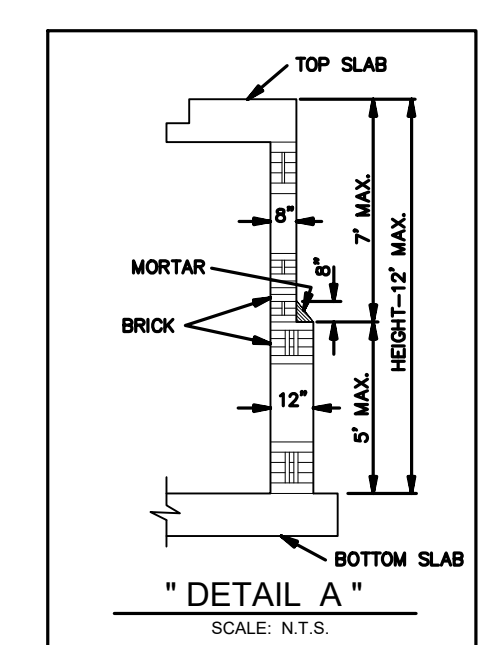


APPLICABLE TO TONGUE AND GROOVE PIPE (ARCH PIPE ONLY) N.T.S.

| ARCH PIPE (RISE X SPAN) | X (INCHES) | 1/2 X X (INCHES) |
|-------------------------|------------|------------------|
| 15 1/2" x 22" | 2" | 3/8" |
| 15 1/2" x 26" | 2 1/4" | 3/8" |
| 18" x 26 1/2" | 3" | 3/4" |
| 22 1/2" x 36 1/2" | 3 1/2" | 3/4" |
| 28 1/2" x 43 1/2" | 3" | 3/4" |
| 31 1/2" x 51 1/2" | 3 1/2" | 3/4" |
| 36" x 58 1/2" | 4 1/2" | 1 1/4" |
| 40 1/2" x 66" | 5 1/4" | 1 1/4" |
| 45" x 73 1/2" | 6" | 1 1/2" |
| 54" x 86" | 6" | 1 1/2" |
| 62 1/2" x 102" | 6 1/2" | 1 1/2" |
| 77 1/2" x 122" | 7" | 1 3/4" |



"DETAIL B" SCALE: N.T.S.



"DETAIL A" SCALE: N.T.S.

DROP INLET

PROJECT NAME :

PROJECT NUMBER :

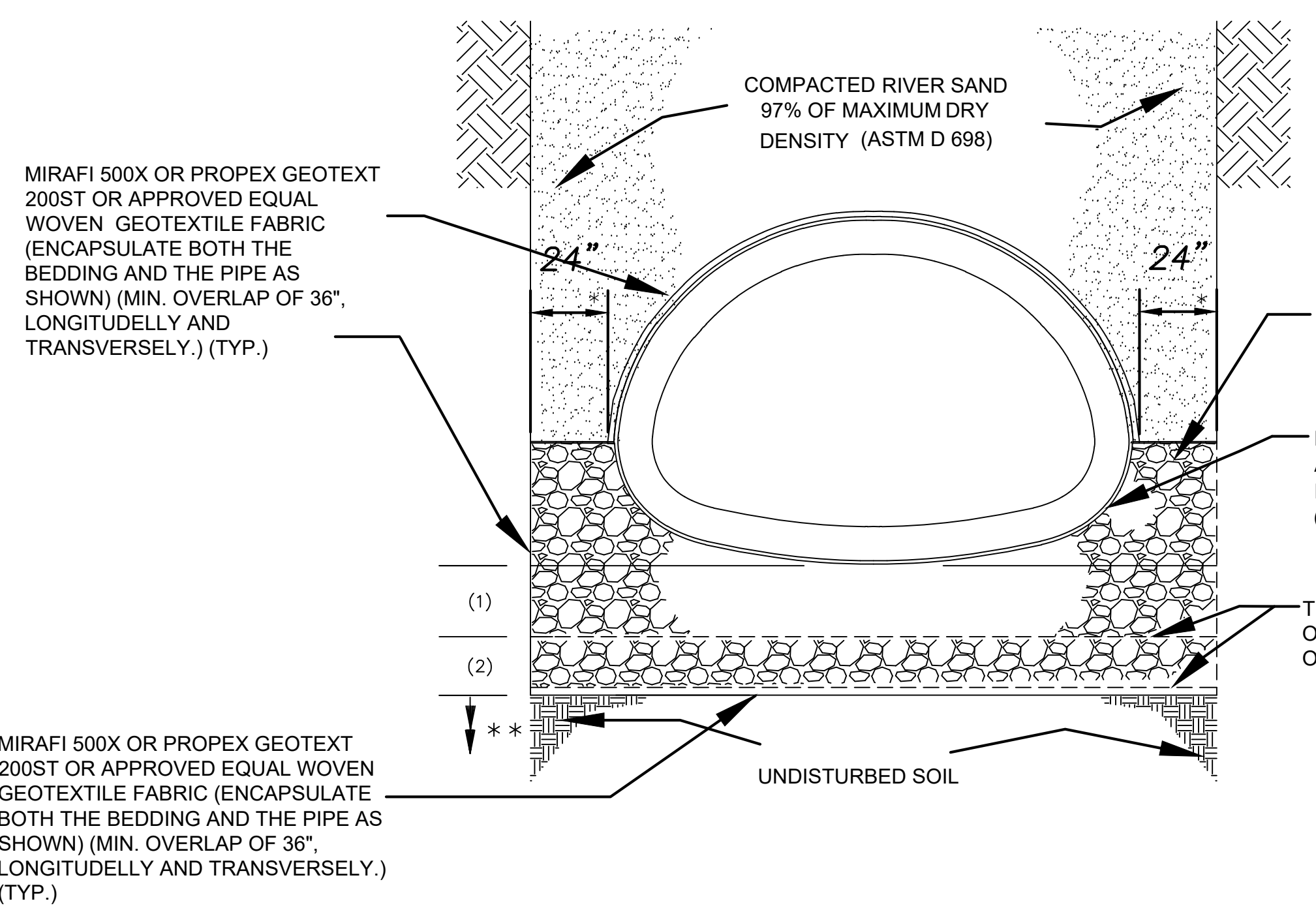


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ST. BERNARD PARISH GOVERNMENT
STANDARD DETAIL PLANS
DRAINAGE DETAILS (3 OF 3)

APPROVED BY
DATE
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DRAWING NUMBER
SD - 7
SHEET 7 of 16



TYPICAL CONCRETE DRAINAGE PIPE TRENCH DETAIL

(36"-72" RCP) AND [42"-96" RCPA]
N.T.S.

(RCP) & [RCPA] MINIMUM *** BEDDING THICKNESS (in.)

| PIPE SIZE (RCP) (RCPA) | BEDDING LAYER | UNDISTURBED SUBGRADE NET ALLOWABLE SOIL BEARING CAPACITY (psf.) | | | | |
|---------------------------------|---------------|---|---------|---------|---------|------|
| | | 300-400 | 401-500 | 501-600 | 601-700 | >700 |
| (36" & 42") [42" & 48"] | (1) | 20" | 18" | 16" | 14" | 12" |
| | (2) | 8" | 8" | 8" | 8" | 8" |
| TOTAL THICKNESS | | 28" | 26" | 24" | 22" | 20" |
| (48" & 54") [54" & 60"] | (1) | 22" | 20" | 18" | 14" | 12" |
| | (2) | 10" | 10" | 10" | 10" | 10" |
| TOTAL THICKNESS | | 32" | 30" | 28" | 24" | 22" |
| (60" & 72") [72", 84" & 96"] | (1) | 34" | 30" | 26" | 16" | 14" |
| | (2) | 10" | 10" | 10" | 10" | 10" |
| TOTAL THICKNESS | | 44" | 40" | 36" | 26" | 24" |

- NOTES:
- SIDE BEDDING WIDTH MAY BE REDUCED WITH ST BERNARD'S PARISH PROJECT ENGINEER'S APPROVAL.
 - THE DEPARTMENT OF ENGINEERING RESERVES THE RIGHT TO MODIFY PIPE BEDDING REQUIREMENTS IN ACCORDANCE WITH EXISTING FIELD CONDITIONS ENCOUNTERED DURING CONSTRUCTION.
 - TRENCH SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR. THE PARISH OR ITS REPRESENTATIVES RESERVE THE RIGHT TO REQUIRE THE CONTRACTOR TO MODIFY ANY PORTIONS OF SHORING SYSTEM DEEMED UNSAFE, BUT THE FINAL RESPONSIBILITY FOR THE WORKER'S SAFETY REMAINS WITH THE CONTRACTOR. TRENCH DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST OSHA STANDARDS AND REQUIREMENTS.
 - TIMBER SHEETING, IF USED, MUST REMAIN IN PLACE AND BE CUT OFF A MINIMUM OF 3 FEET BELOW FINISHED GRADE.
 - ALL CONCRETE PIPE SHALL BE A.S.T.M. C-76 (RCP) AND A.S.T.M. C-506 [RCPA], CLASS III, WALL B, REINFORCED CONCRETE PIPE WITH TYPE 2 JOINTS.
 - THE CONTRACTOR MUST REVIEW ALL DETAILS AND CHARTS INCLUDED ON THIS STANDARD DRAWING SHEET PRIOR TO BIDDING. FOR PIPES 36" AND LARGER, THE TRENCH DESIGN AND BEDDING THICKNESSES WILL VARY DEPENDING ON THE "UNDISTURBED SUBGRADE NET ALLOWABLE SOIL BEARING CAPACITY" VALUE. THE "DESCRIPTION SECTION" OF "TECHNICAL SPECIFICATIONS" FOR "CULVERTS AND STORM DRAINS" MUST REFERENCE THIS ST BERNARD STANDARD DRAWING AND MUST PROVIDE THE "UNDISTURBED SUBGRADE NET ALLOWABLE SOIL BEARING CAPACITY" VALUE.
 - WHERE GROUND WATER OR AN UNSTABLE TRENCH BOTTOM EXISTS, THE TRENCH BOTTOM SHALL BE STABILIZED (ASTM D2321) TO PROVIDE A WORKING PLATFORM. REMOVE MUCK OR OTHER SOFT MATERIAL, TREE ROOTS, AND/OR ANY OTHER UNDESIRABLE MATERIAL FROM THE TRENCH BOTTOM TO A DEPTH NECESSARY TO ESTABLISH A FIRM FOUNDATION.
 - GEOTECHNICAL REPORT'S RECOMMENDATIONS FOR PIPE BEDDING, IF MORE STRINGENT, SHALL SUPERSEDE THESE MINIMUM THICKNESSES.

| PIPE DIA. | DIMENSION 'A' | DIMENSION 'B' |
|-----------|---------------|---------------|
| | MIN. | MIN. |
| 15 | 6" | 12" |
| 18 | 6" | 12" |
| 21 | 6" | 12" |
| 24 | 6" | 12" |
| 30 | 12" | 12" |
| 36 | 12" | 12" |
| 42 | 12" | 18" |
| 48 | 12" | 18" |
| 54 | 15" | 18" |
| 60 | 18" | 24" |
| 66 | 18" | 24" |
| 72 | 18" | 24" |

- NOTES:
- WHERE GROUND WATER OR UNSTABLE TRENCH BOTTOM EXISTS, TRENCH BOTTOM SHALL BE STABILIZED (ASTM D2321) TO PROVIDE A WORKING PLATFORM.
 - TRENCH DETAIL SHOWN WILL BE MIN. REQUIREMENTS TO SAFEGUARD THE INTEGRITY OF THE DRAIN LINE INSTALLATION AT HEREIN-SPECIFIED DEPTHS. THE CONTRACTOR SHALL PROVIDE SUFFICIENT SHEETING AND BRACING TO PROVIDE SAFE WORKING CONDITIONS FOR HIS WORKMEN.
 - 18" REQ'D CLASS D GEOTEXTILE FABRIC OVER TOP OF CLASS II BASE (TYP.)
- NOTES:
- COMPACTED SAND, ASTM 2321 CLASS II (SW OR SP) MIN. DENSITY 97% STANDARD PROCTOR (ASTM D1557) 2' MAX. LAYERS.
 - PROVIDE BELL HOLES AT EACH JOINT.
 - COMPACTED SAND, ASTM 2321 CLASS II (SW OR SP) MIN. DENSITY 95% STANDARD PROCTOR (ASTM D1557) 2' MAX. LAYERS.
 - COMPACTED CLASS II BASE COURSE (610 LIMESTONE) MIN. DENSITY 95% STANDARD PROCTOR (ASTM D1557)

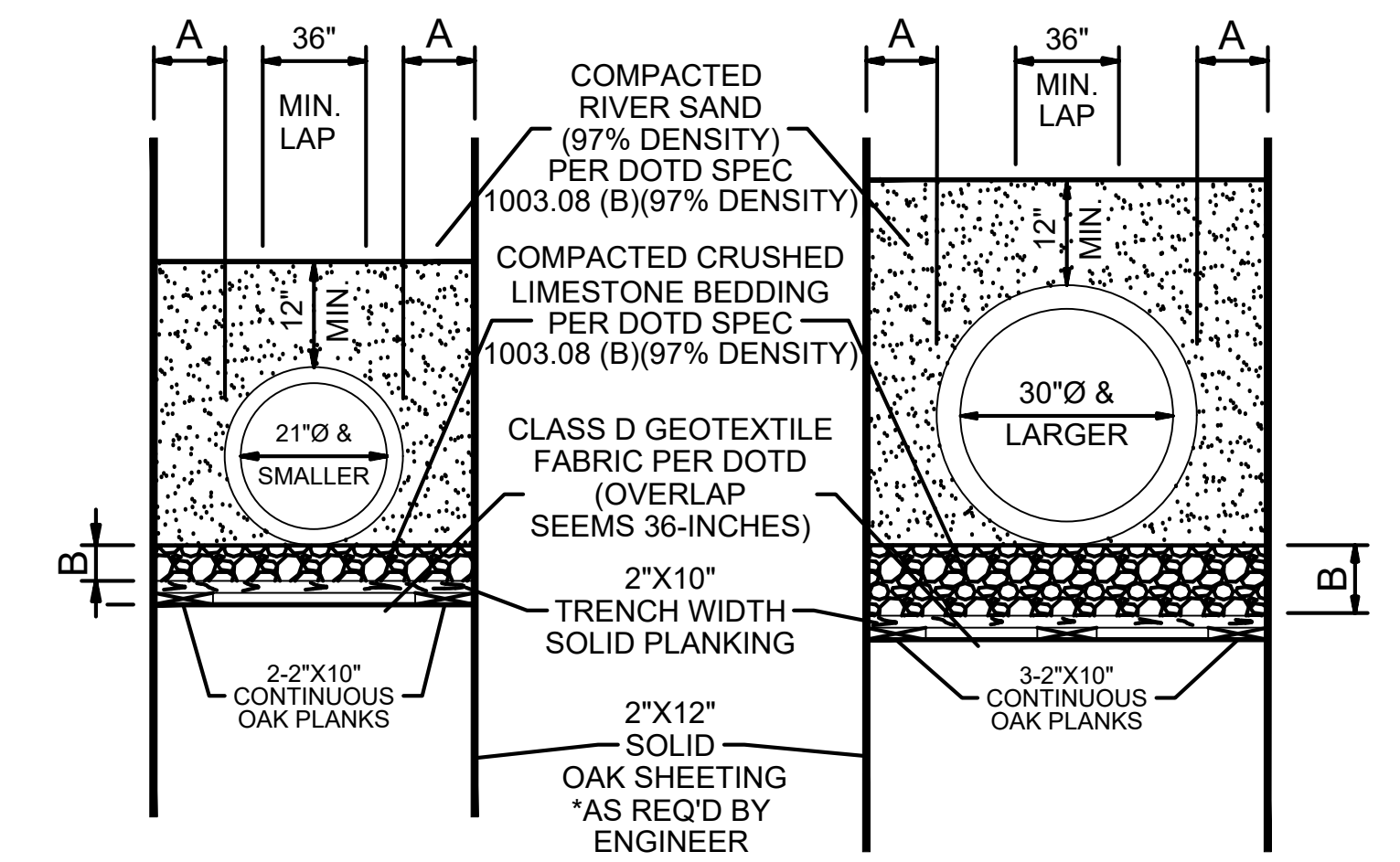
PIPE BEDDING LIMESTONE

| 57 LIMESTONE | | |
|--------------|--------------|-----------------|
| U.S. SIEVE | METRIC SIEVE | PERCENT PASSING |
| 1/2" | 37.5 mm | 100 |
| 1" | 25 mm | 95-100 |
| 3/4" | 12.5 mm | 25-60 |
| #4 | 4.75 mm | 0-10 |
| #8 | 2.36 mm | 0-5 |

MODIFIED 610 LIMESTONE

| U.S. SIEVE | METRIC SIEVE | PERCENT PASSING |
|------------|--------------|-----------------|
| 1/2" | 37.5 mm | 100 |
| 1" | 25 mm | 90-100 |
| 3/4" | 19 mm | 70-100 |
| 1/2" | 12.5 mm | 60-90 |
| 3/8" | 9.5 mm | 50-80 |
| #4 | 4.75 mm | 35-65 |
| #40 | 425 μ m | 12-32 |
| #200 | 75 μ m | 5-12 |

LEGEND:
 (1) BEDDING LAYER
 (RCP) REINFORCED CONCRETE CIRCULAR (ROUND) PIPE.
 [RCPA] REINFORCED CONCRETE ARCH PIPE

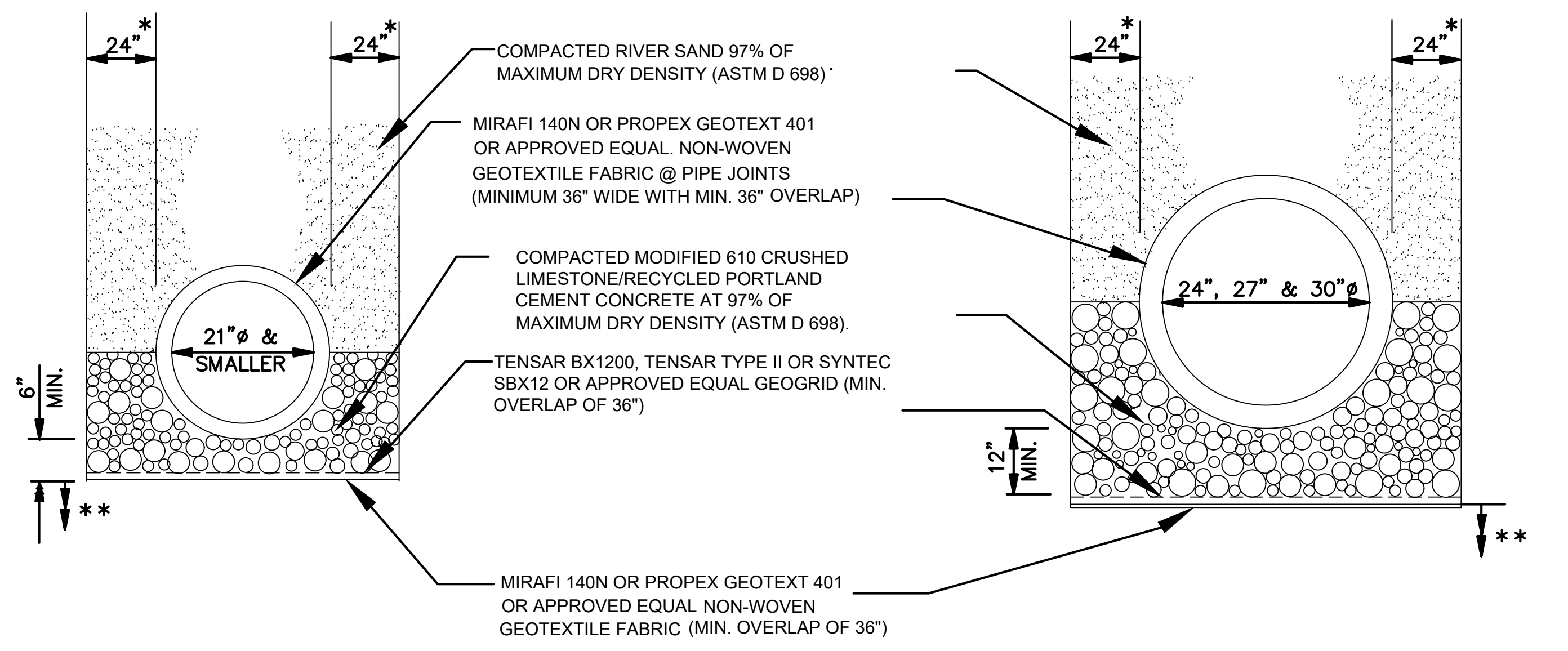


CIRCULAR PIPE DRAIN LINES

N.T.S.

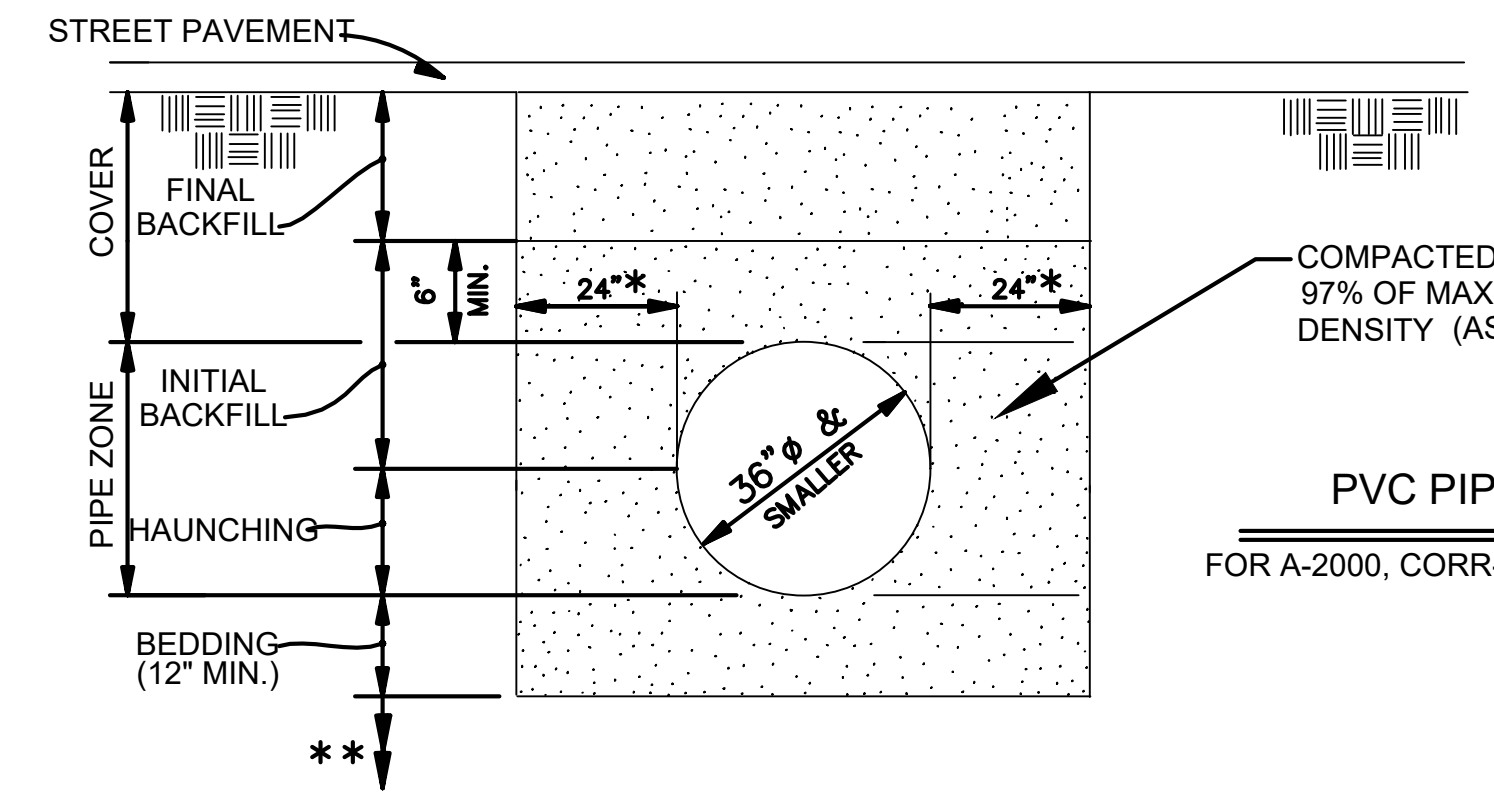
DRAIN LINE BEDDING AND BACKFILL DETAILS FOR RCP & RCPA

- DRAIN LINE BEDDING NOTES:
- THE DEPARTMENT OF PUBLIC WORKS RESERVES THE RIGHT TO MODIFY PIPE BEDDING REQUIREMENTS IN ACCORDANCE WITH EXISTING FIELD CONDITIONS ENCOUNTERED DURING CONSTRUCTION.
- ALL CONCRETE PIPE SHALL BE A.S.T.M. C-76 CLASS III, WALL B, REINFORCED CONCRETE PIPE WITH TYPE 2 JOINT, AND WRAPPED WITH AN 36" PLASTIC FILTER CLOTH (D.O.T.D. SPEC. 1019) CENTERED ON THE JOINT AND LAPPED 36". REJECT PIPE, COMMONLY CALLED "SECONDS", WILL NOT BE ACCEPTABLE. (N.D.P.)
- MINIMUM COVER REQUIREMENTS TO BE 12" FOR DRAIN LINES LOCATED WITHIN ROADWAY AND 18" FOR DRAIN LINES LOCATED OUTSIDE OF ROADWAY.
- SHEETING IS AT THE OPTION OF THE CONTRACTOR. NO TIMBER SHEETING IS TO BE PULLED FROM THE GROUND. TIMBER SHEETING, WHEN USED, SHALL BE CUT OFF TO A MINIMUM OF 3' BELOW GRADE AND LEFT IN PLACE.
- JOINT SHALL BE WRAPPED WITH A 36" WIDE GEOTEXTILE FABRIC (D.O.T.D. SPEC. 1019) CENTERED ON THE JOINT AND LAPPED 36". REJECT PIPE, COMMONLY CALLED "SECONDS", WILL NOT BE ACCEPTABLE. (N.D.P.)



SMALL (RCP) & [RCPA] PIPE TRENCH DETAILS

N.T.S.



PVC PIPE DRAIN LINE STANDARD TRENCH DETAIL

FOR A-2000, CORR-21, AND ULTRA CORR PVC PIPE (ASTM F-794 AND ASTM D2321) N.T.S.

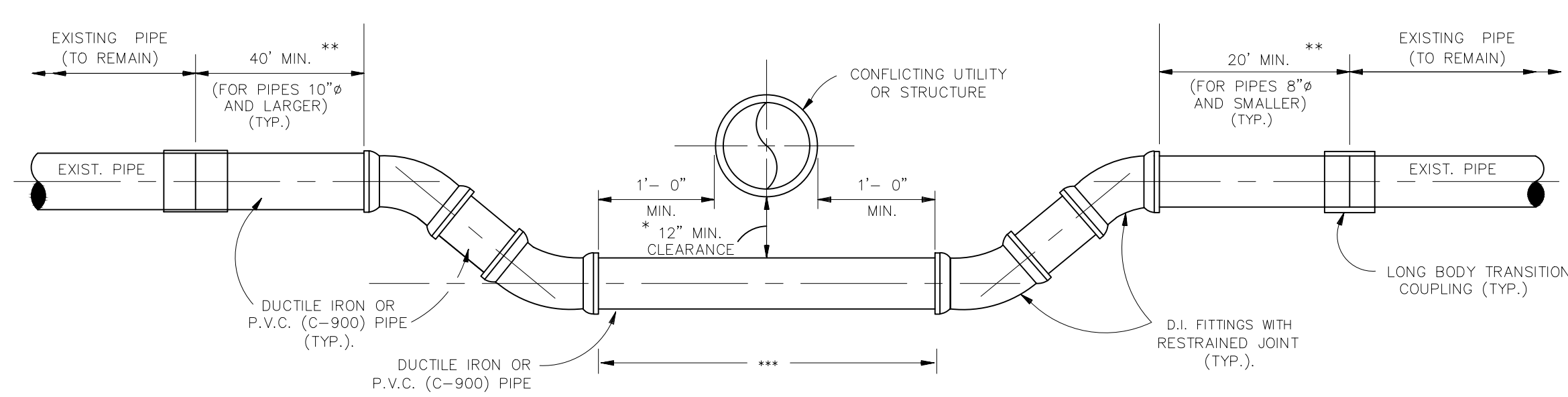
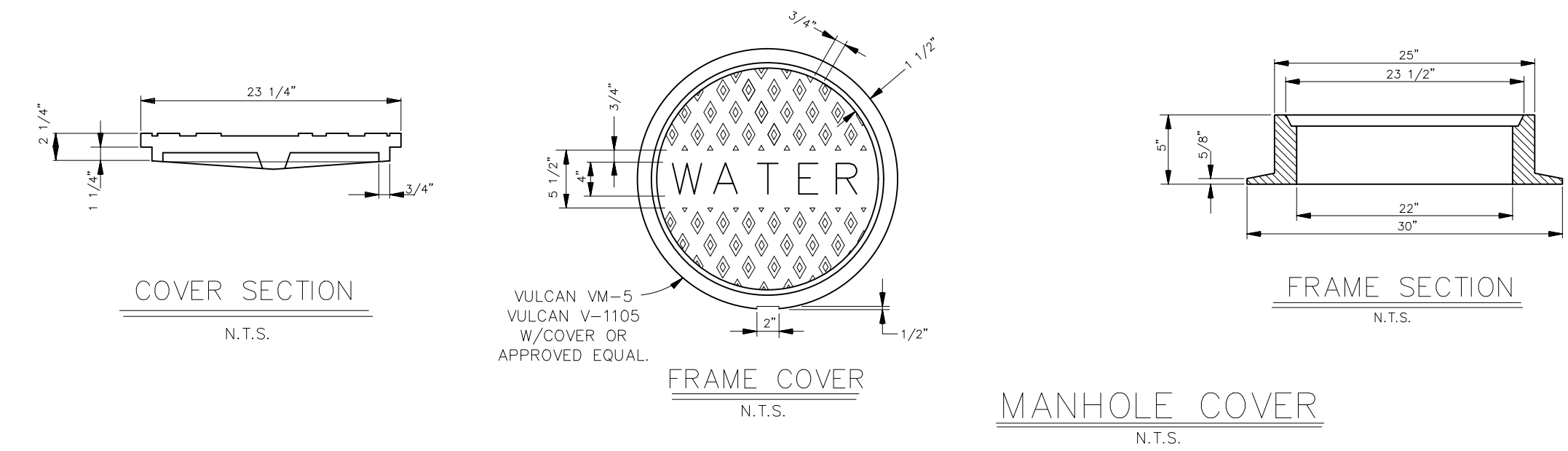
| MIN. COVER (PVC PIPE) | PAVEMENT TYPE |
|-----------------------|---------------|
| 12" | CONCRETE |
| 18" | ASPHALT |
| 24" | NON-PAVED |



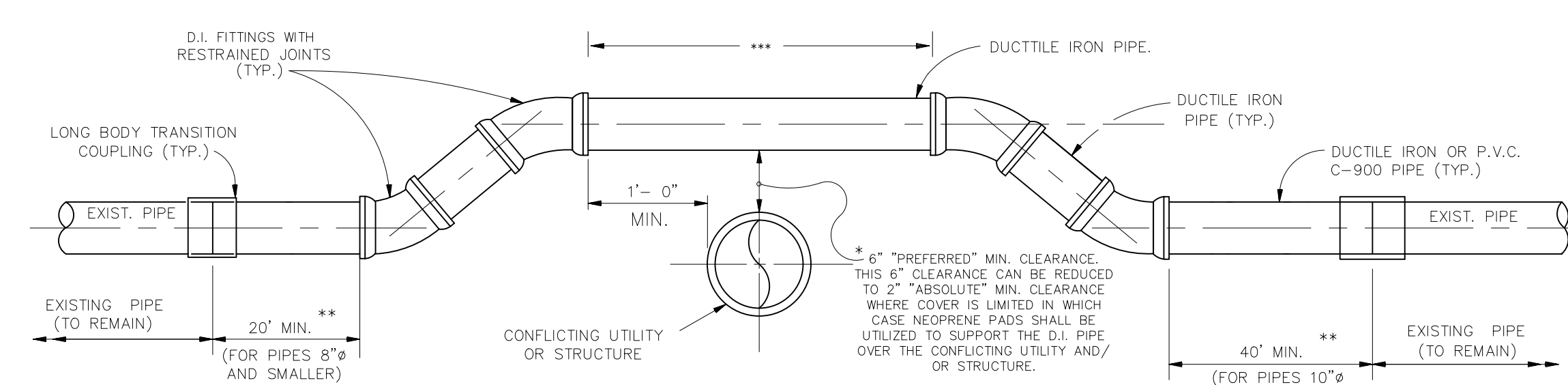
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PROJECT NAME: ST. BERNARD PARISH GOVERNMENT
 STANDARD DETAIL PLANS
 DRAIN LINE BEDDING AND BACKFILL DETAILS

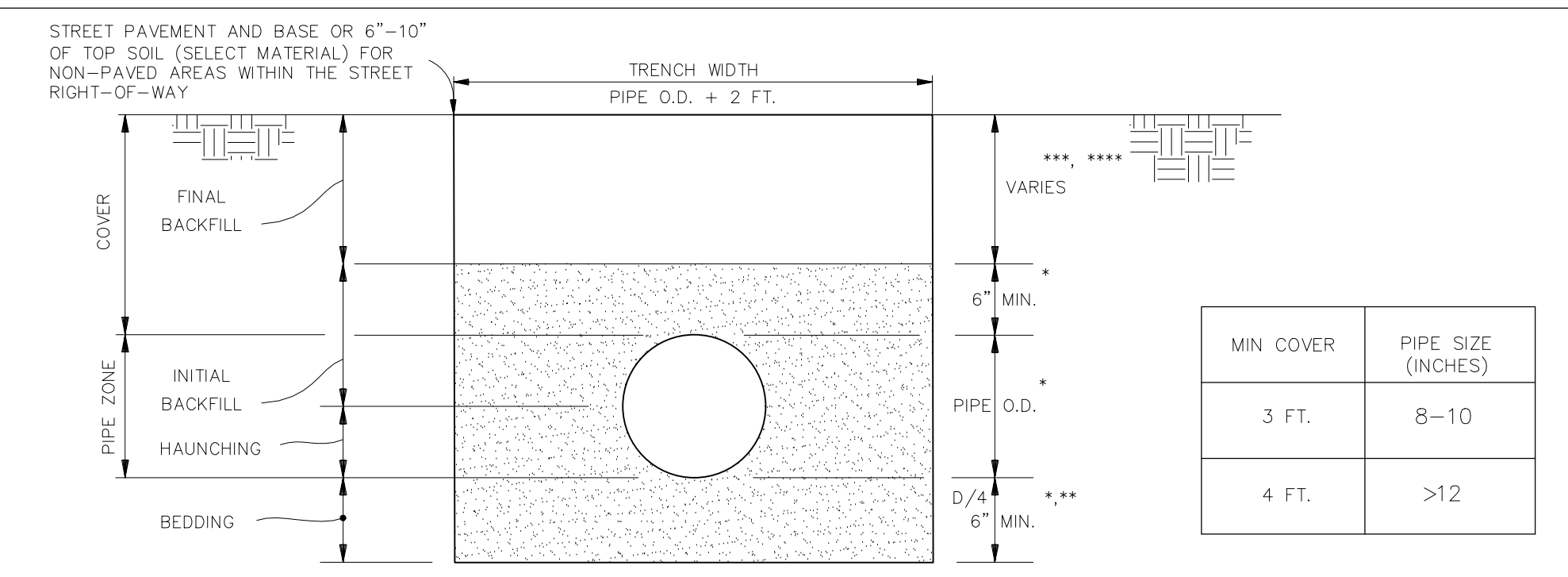
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 DATE: _____
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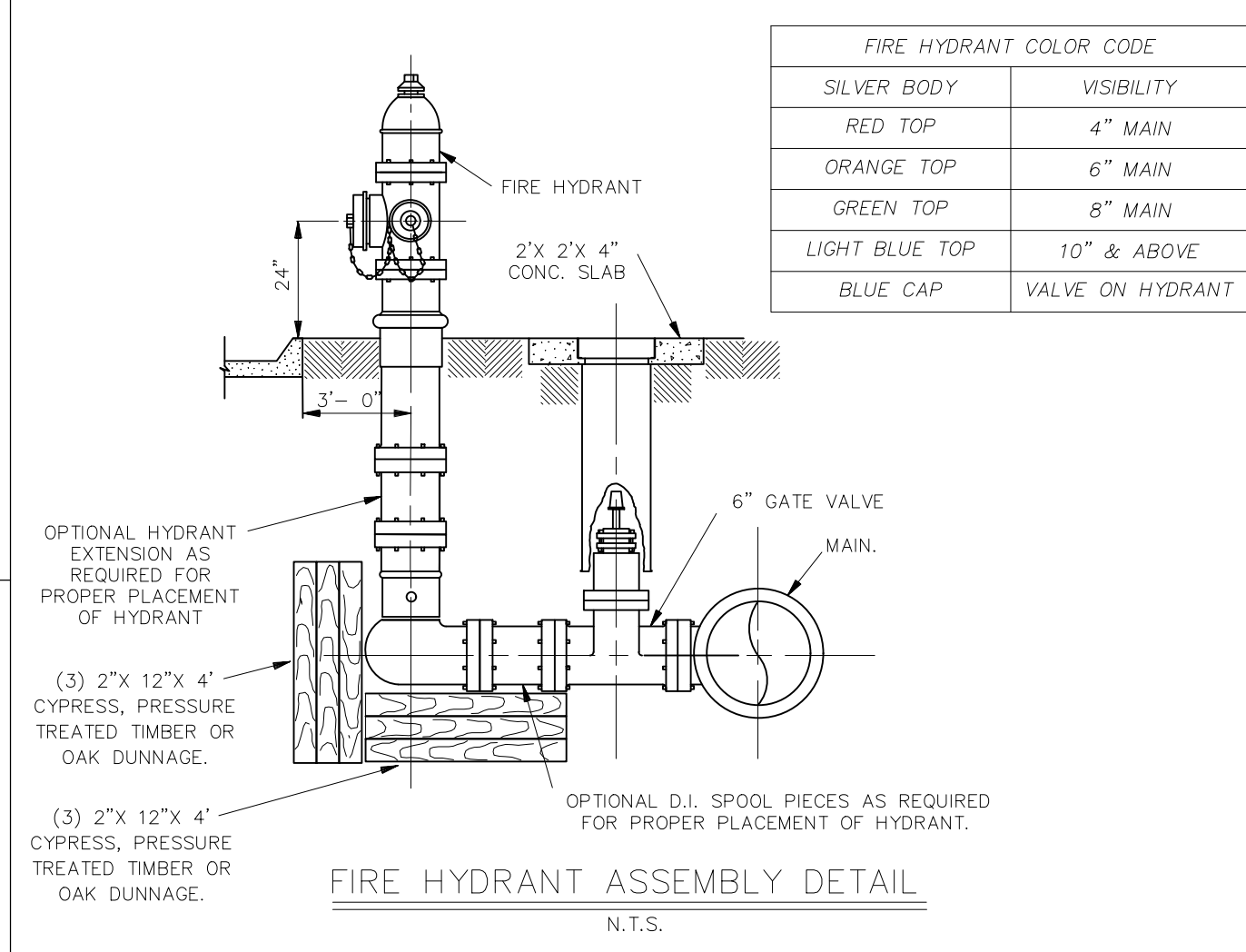
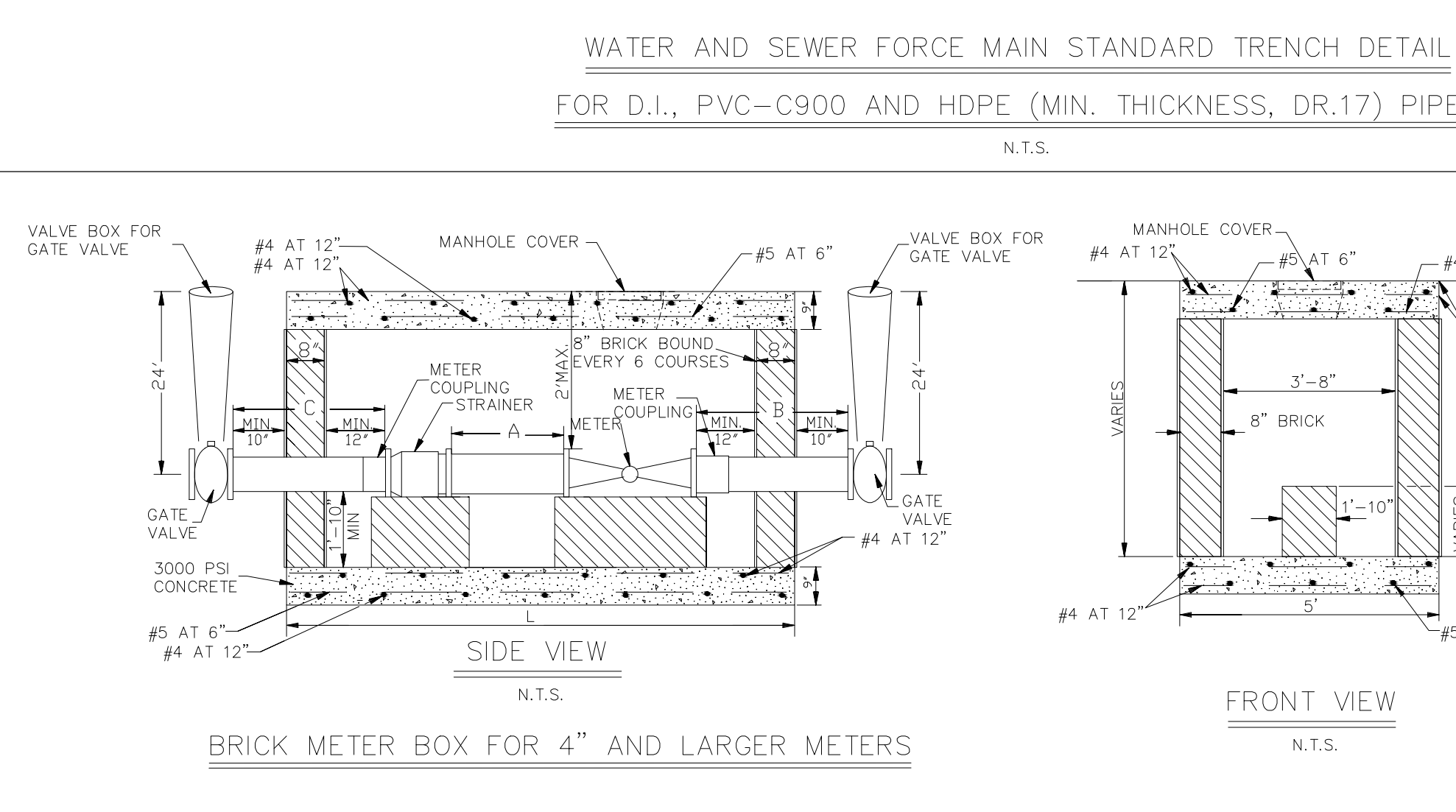
EXCEPTION: MINIMUM CLEARANCE SHALL BE 18" BETWEEN POTABLE WATER AND SANITARY SEWER LINES.
 **REQUIRED MIN. RESTRAINED LENGTH.
 ***ANY LENGTH OF DUCTILE IRON PIPE OR P.V.C. PIPE OVER 20' WILL BE PAID FOR UNDER THE UNIT PRICE FOR DUCTILE IRON PIPE OR P.V.C. PIPE. (20' MAX. INCLUDED IN OFFSET PRICE)



* EXCEPTION: MINIMUM CLEARANCE SHALL BE 18" BETWEEN POTABLE WATER AND SANITARY SEWER LINES.
 ** REQUIRED MIN. RESTRAINED LENGTH.
 *** ANY LENGTH OF DUCTILE IRON PIPE OVER 20' WILL BE PAID FOR UNDER THE UNIT PRICE FOR DUCTILE IRON PIPE (20' MAX. INCLUDED IN OFFSET PRICE).

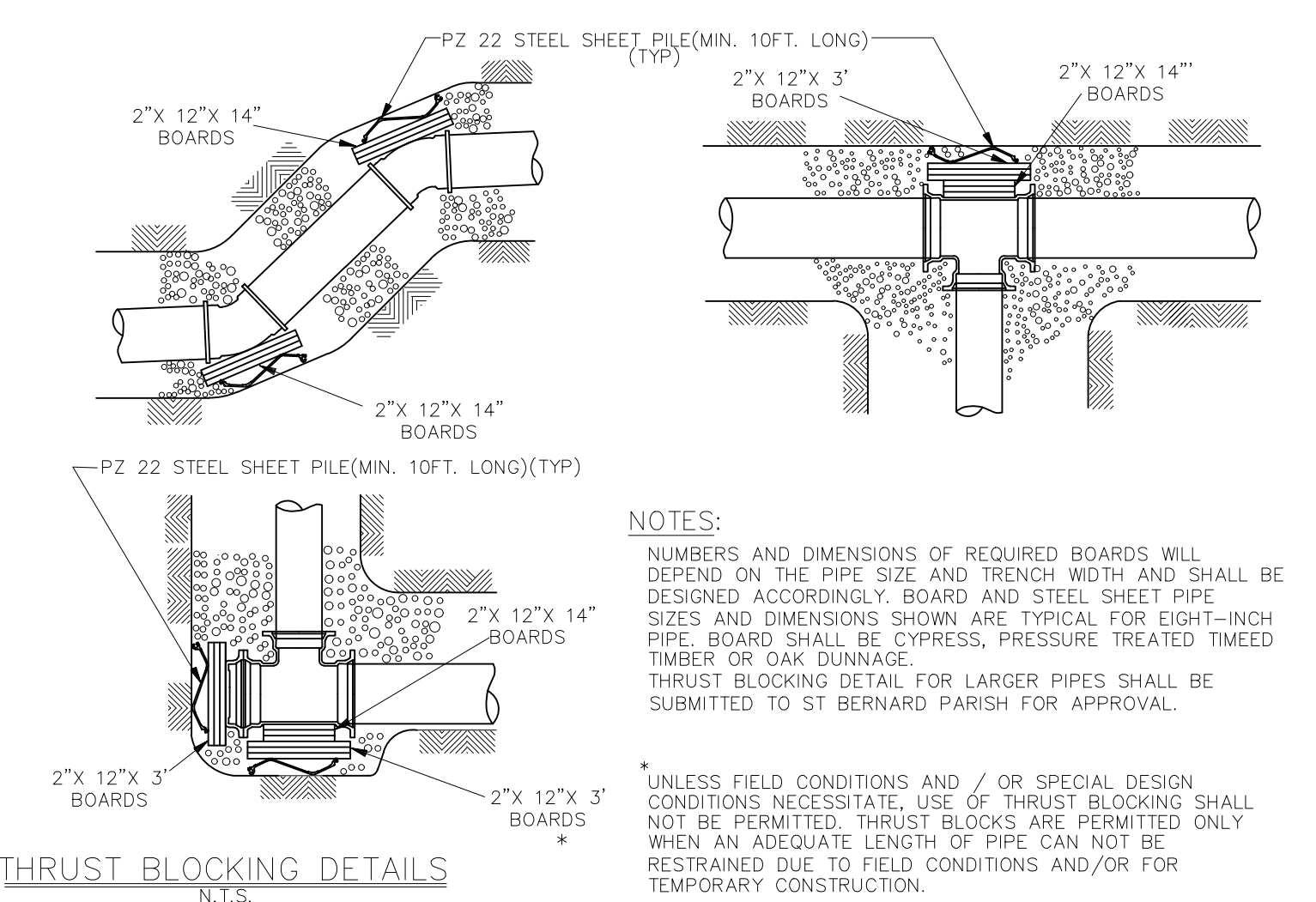


- NOTES:**
- COMPACTED SAND, ASTM 2321 CLASS II (SW OR SP) MIN. DENSITY 90% STANDARD PROCTOR (ASTM D698) 6" MAX. LAYERS.
 - PROVIDE BELL HOLES AT EACH JOINT.
 - SELECT EXCAVATED MATERIAL FREE OF STUMPS, DEBRIS AND VOIDS (CANAL BANKS AND DITCHES ONLY).
 - RIVER SAND WITHIN THE STREET RIGHT-OF-WAY MIN. DENSITY 95% STANDARD PROCTOR (ASTM D698)
- NOTES:**
1. WHERE GROUND WATER OR UNSTABLE TRENCH BOTTOM EXISTS, TRENCH BOTTOM SHALL BE STABILIZED (ASTM D3232) TO PROVIDE A WORKING PLATFORM.
 2. TRENCH DETAIL SHOWN WILL BE MIN. REQUIREMENTS TO SAFEGUARD THE INTEGRITY OF THE WATERLINE. INSTALLATION AT HEREIN-SPECIFIED DEPTHS. THE CONTRACTOR SHALL PROVIDE SUFFICIENT SHEETING AND BRACING TO PROVIDE SAFE WORKING CONDITIONS FOR HIS WORKMEN.



FIRE HYDRANT COLOR CODE

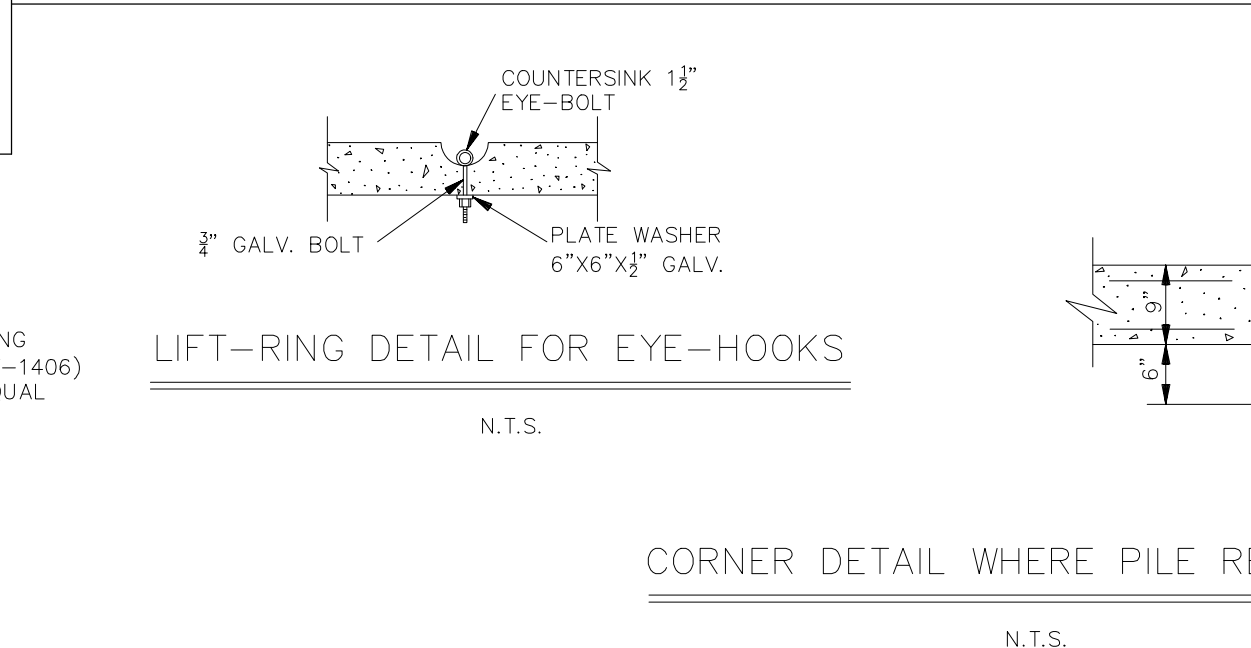
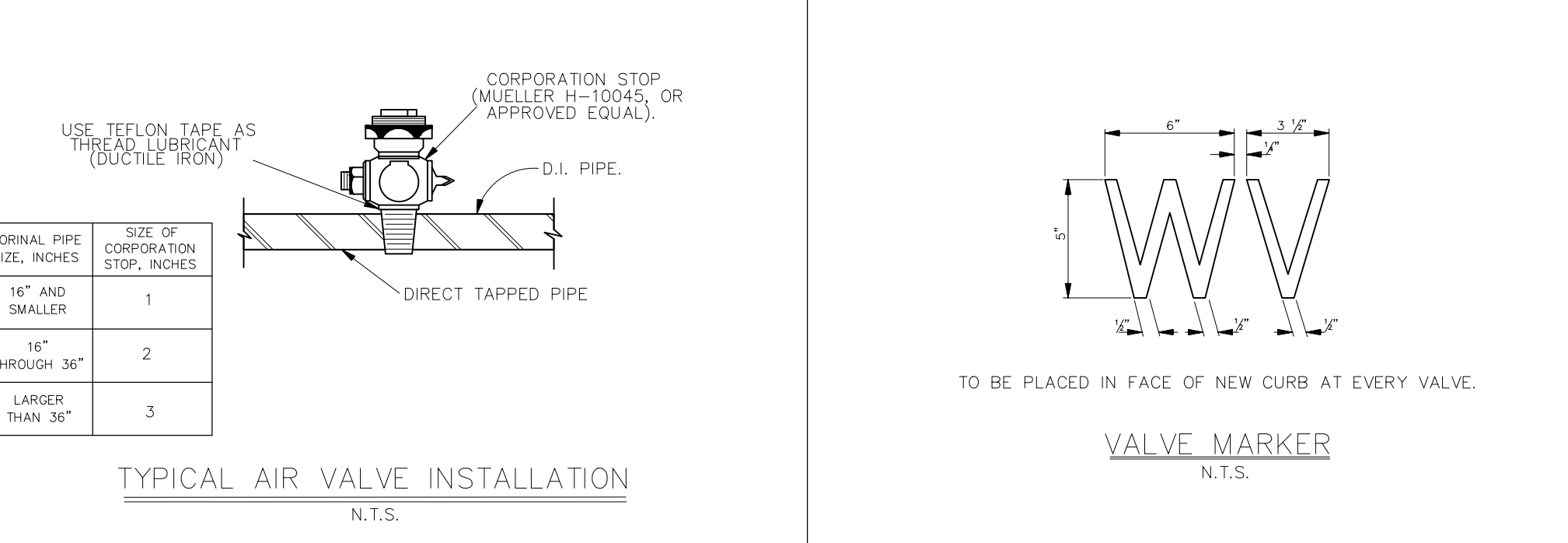
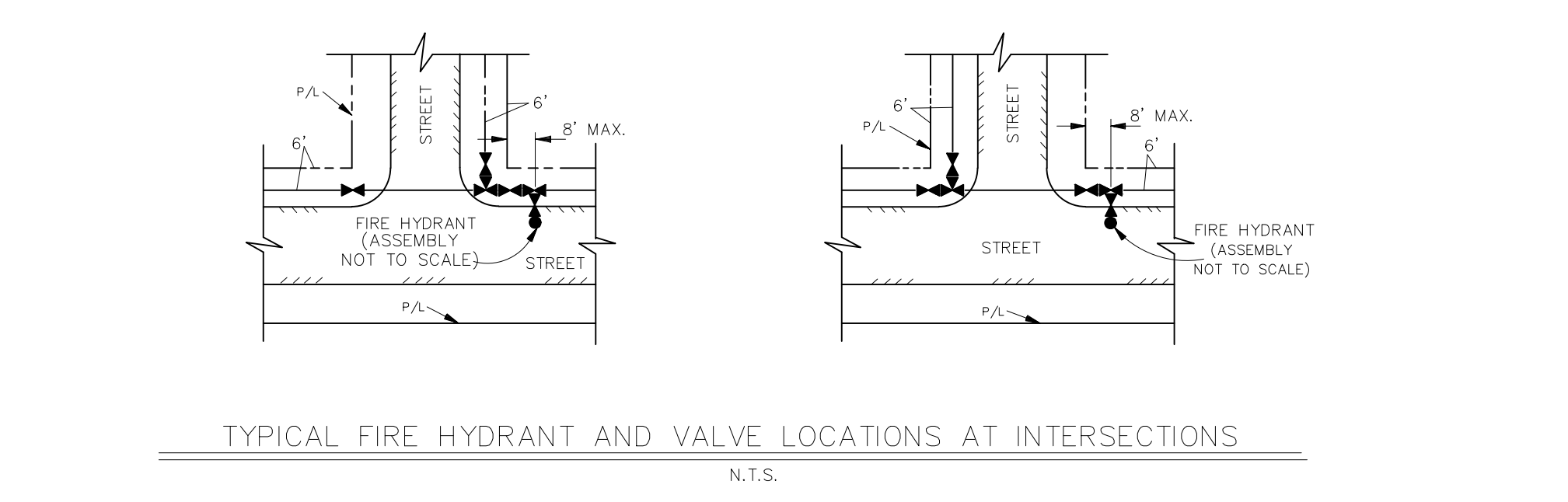
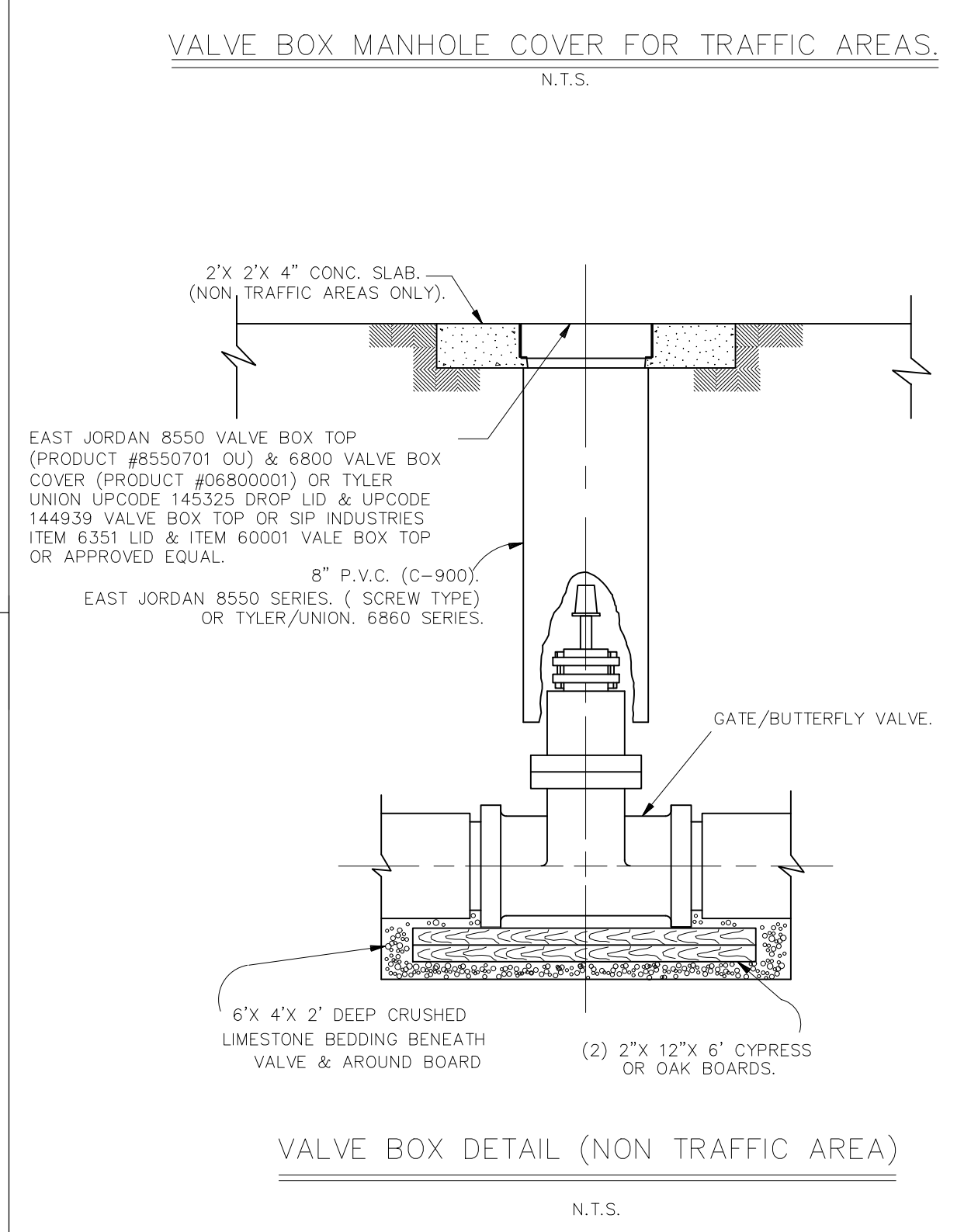
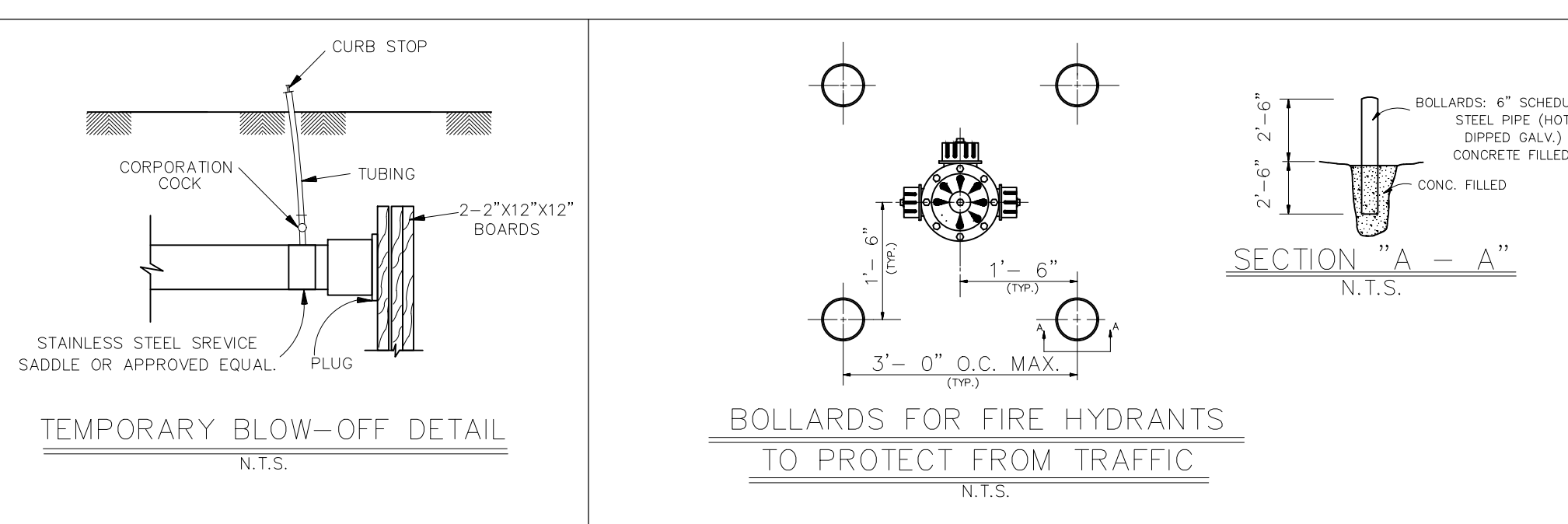
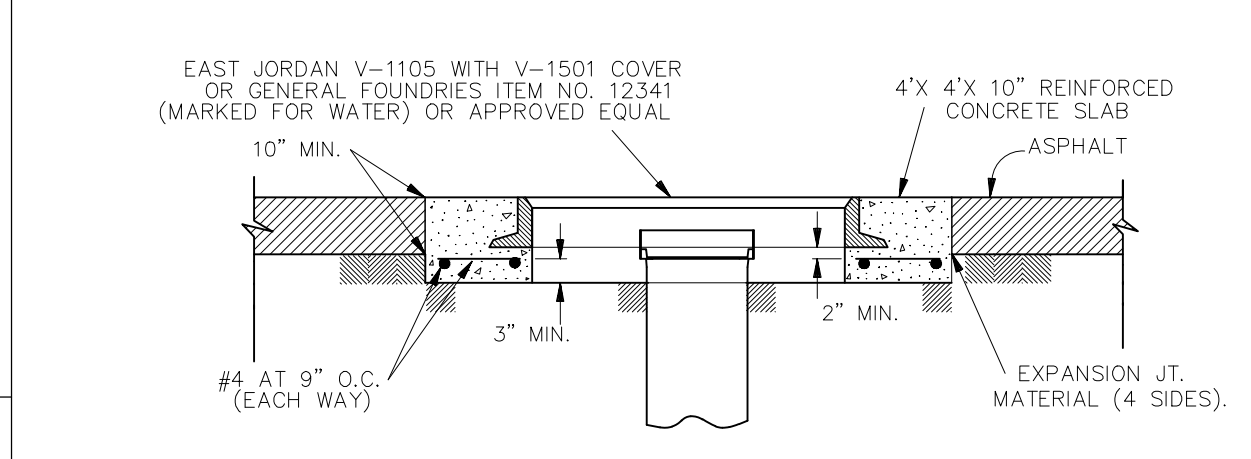
| | |
|----------------|------------------|
| SILVER BODY | VISIBILITY |
| RED TOP | 4" MAIN |
| ORANGE TOP | 6" MAIN |
| GREEN TOP | 8" MAIN |
| LIGHT BLUE TOP | 10" & ABOVE |
| BLUE CAP | VALVE ON HYDRANT |



NOTES:

NUMBERS AND DIMENSIONS OF REQUIRED BOARDS WILL DEPEND ON THE PIPE SIZE AND TRENCH WIDTH AND SHALL BE DESIGNED ACCORDINGLY. BOARD AND STEEL SHEET PIPE SIZES AND DIMENSIONS SHOWN ARE TYPICAL FOR EIGHT-INCH PIPE. BOARD SHALL BE CYPRESS, PRESSURE TREATED TIMBER OR OAK DUNNAGE. THRUST BLOCKING DETAIL FOR LARGER PIPES SHALL BE SUBMITTED TO ST BERNARD PARISH FOR APPROVAL.

UNLESS FIELD CONDITIONS AND / OR SPECIAL DESIGN CONDITIONS NECESSITATE, USE OF THRUST BLOCKING SHALL NOT BE PERMITTED. THRUST BLOCKS ARE PERMITTED ONLY WHEN AN ADEQUATE LENGTH OF PIPE CAN NOT BE RESTRAINED DUE TO FIELD CONDITIONS AND/OR FOR TEMPORARY CONSTRUCTION.



PRECAST METER BOX OPTION SPECIFICATIONS:

- SELF CONSOLIDATING CONCRETE CORPONENTING ADMIXTURES MEETING ASTM C494 TYPE A TO ENSURE UNIFORM SUSPENSION OF AGGREGATE THROUGHOUT.
- CONCRETE STRENGTH - 5000 PSI (MIN.) @ 28 DAYS
- REINFORCING STEEL: #4, 5, AND 6 BARS PER ASTM A-615, GRADE 60
- ASTM-A48 C-35 H-20/AASHTO M-306.
- LIFTING ANCHOR BY A.L.PATTERSON, INC. MODEL#LU646 (OR APPROVED EQUAL) WITH MINIMUM SAFE WORKING LOAD OF 4,460 LBS PER ANCHOR.
- SHOP DRAWINGS MUST BE SUBMITTED TO ST BERNARD PARISH FOR APPROVAL.

| METER SIZE | APPROXIMATE METER LENGTH (N.) | APPROXIMATE STRAINER LENGTH (N.) | MIN A (N.) | MIN B (N.) | MIN C (N.) | MIN L (N.) |
|------------|-------------------------------|----------------------------------|------------|------------|------------|------------|
| 4" | 20 | 20 | 20 | 30 | 30 | 98 |
| 6" | 24 | 24 | 30 | 30 | 30 | 116 |
| 8" | 30 | 30 | 40 | 40 | 30 | 143 |

PROJECT NAME : ST. BERNARD PARISH GOVERNMENT
STANDARD DETAIL PLANS
WATER STANDARD DETAILS

PROJECT NUMBER :

APPROVED BY :

DRAWING NUMBER : SD - 10

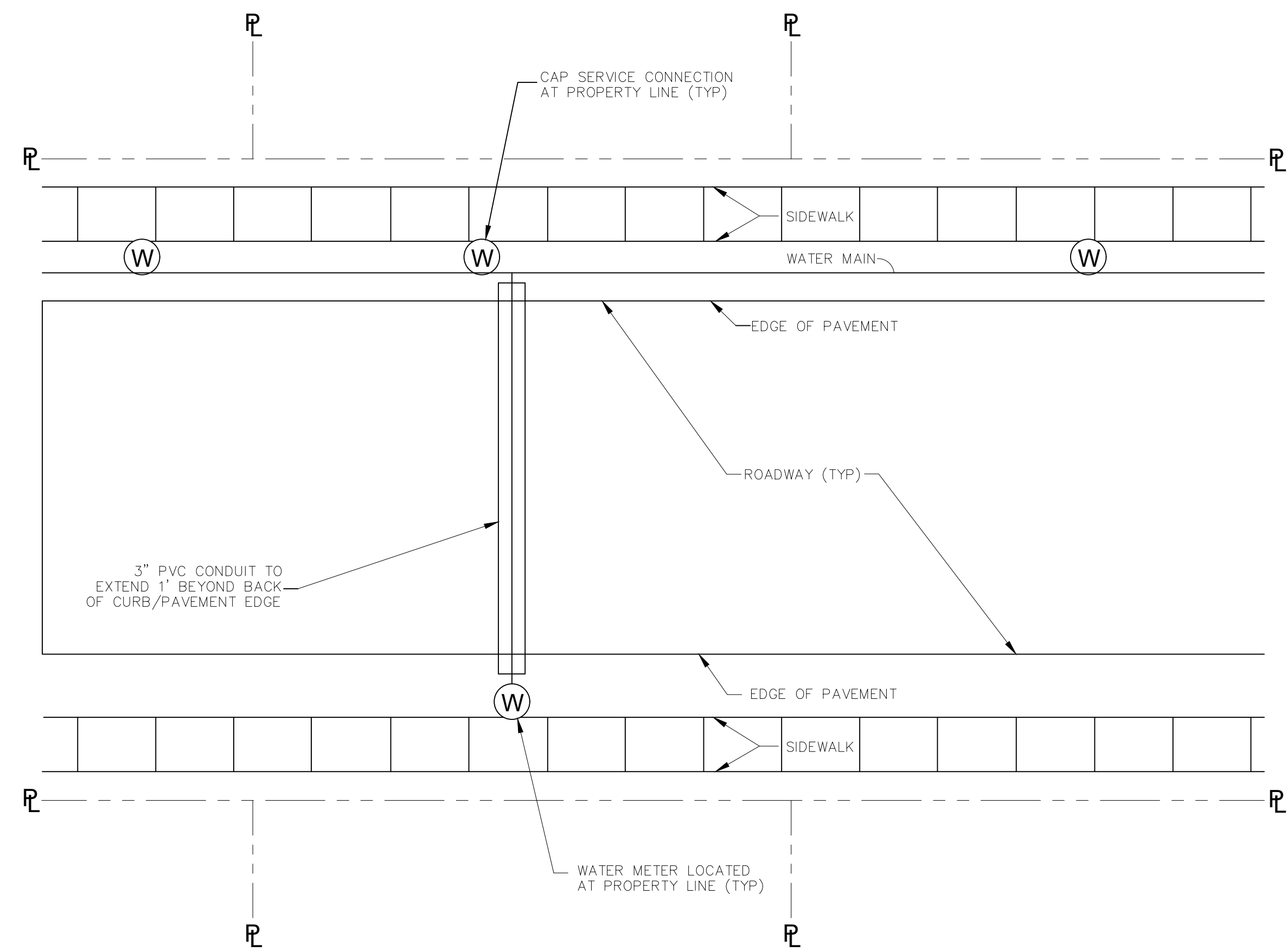
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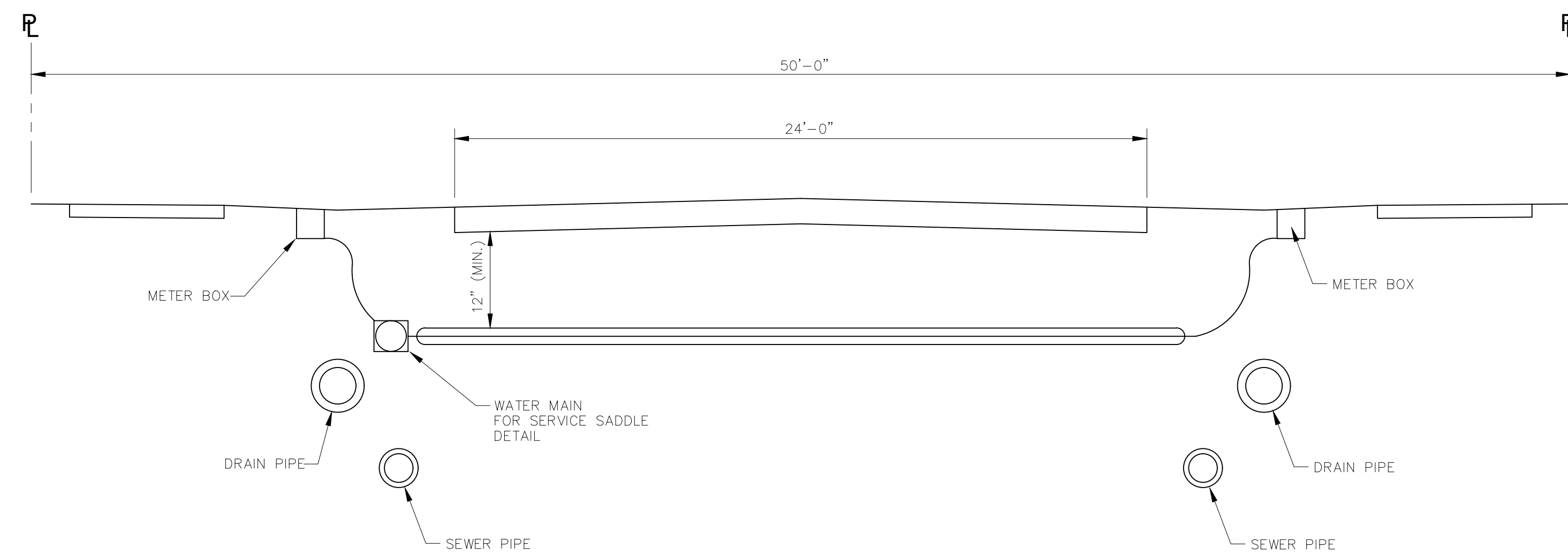
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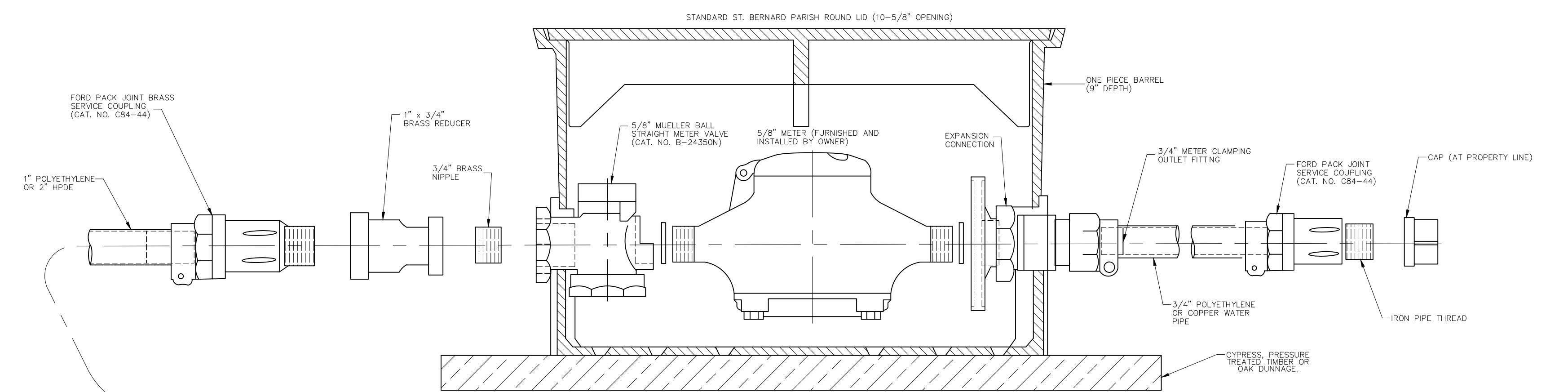
TYPICAL WATER SERVICE CONNECTION PLAN

N.T.S.



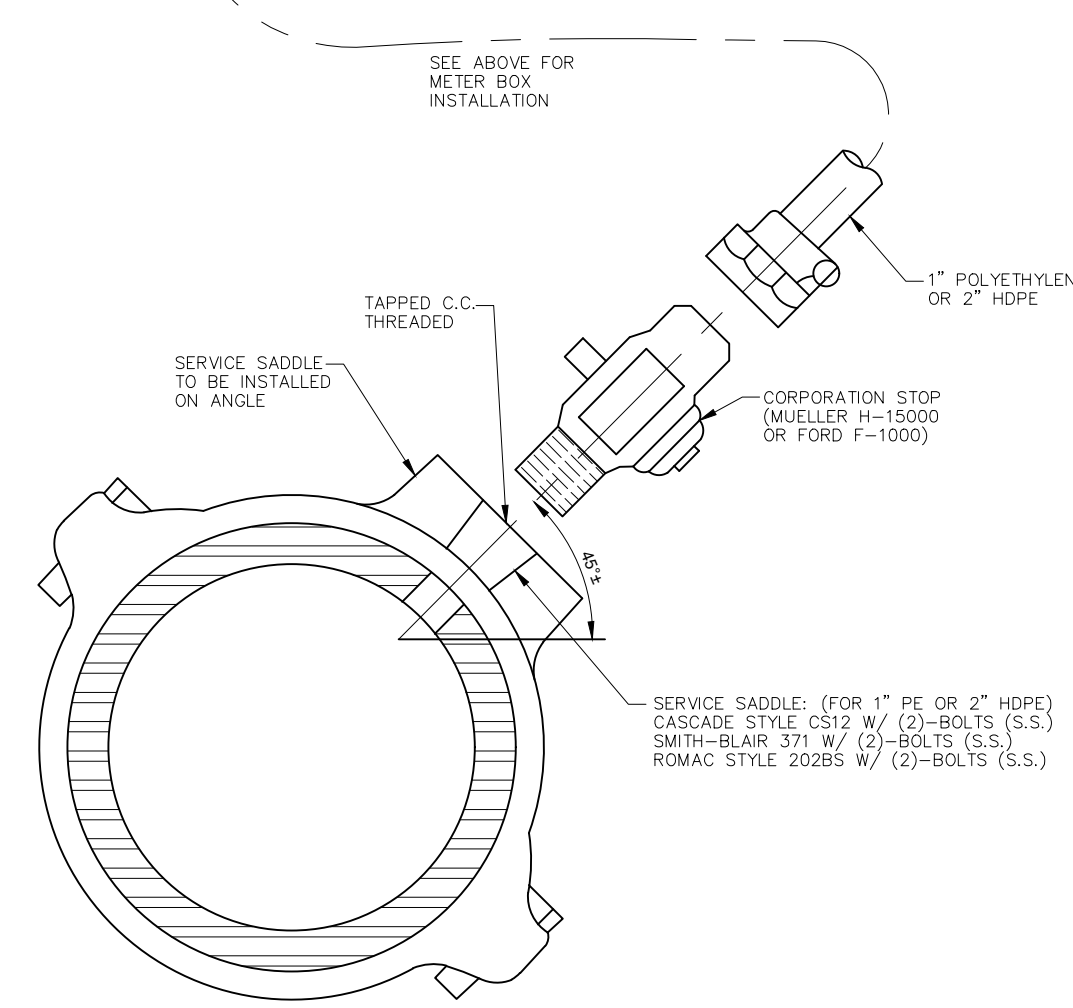
TYPICAL UTILITY SECTION

N.T.S.



5/8" METER BOX INSTALLATION

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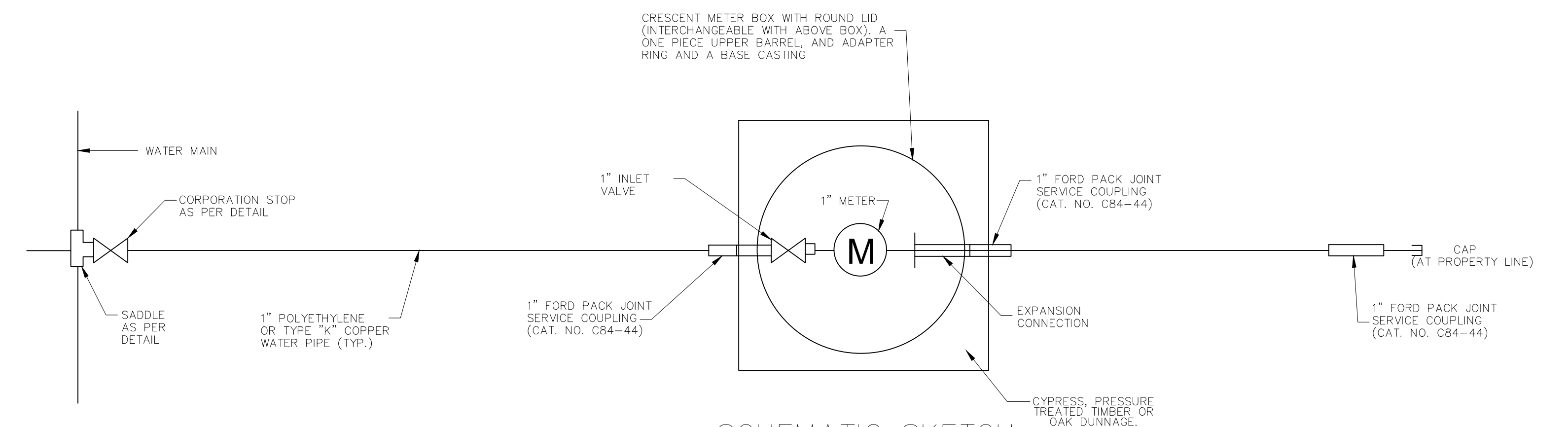


SERVICE SADDLE

N.T.S.

NOTES:

1. TUBING MATERIAL SHALL BE TYPE "K" COPPER OR POLYETHYLENE PR3408 AND SHALL CONFORM TO THE LATEST ISSUE OF ASTM D-2727 AND D-1248 FOR TYPE 3 OR 4 GRADE P-34 CLASS "C"
2. WATER SERVICE CONNECTION TO BE NEAR CENTERLINE OF LOT, MIN. OF 5' HORIZONTALLY FROM SEWER SERVICE CONNECTION.
3. ALL FITTING, CONNECTORS, CORPORATION STOPS AND APPURTENANCES SHALL BE OF DOMESTIC MANUFACTURE, SHALL BE MADE OF LEAD FREE MATERIALS, AND MEET ALL REQUIREMENTS OF AWWA, ASTM AND ANSI FOR USE IN THE POTABLE WATER DISTRIBUTION SYSTEMS.



SCHEMATIC SKETCH
1" WATER METER SERVICE CONNECTION

N.T.S.

PROJECT NAME :

PROJECT NUMBER:

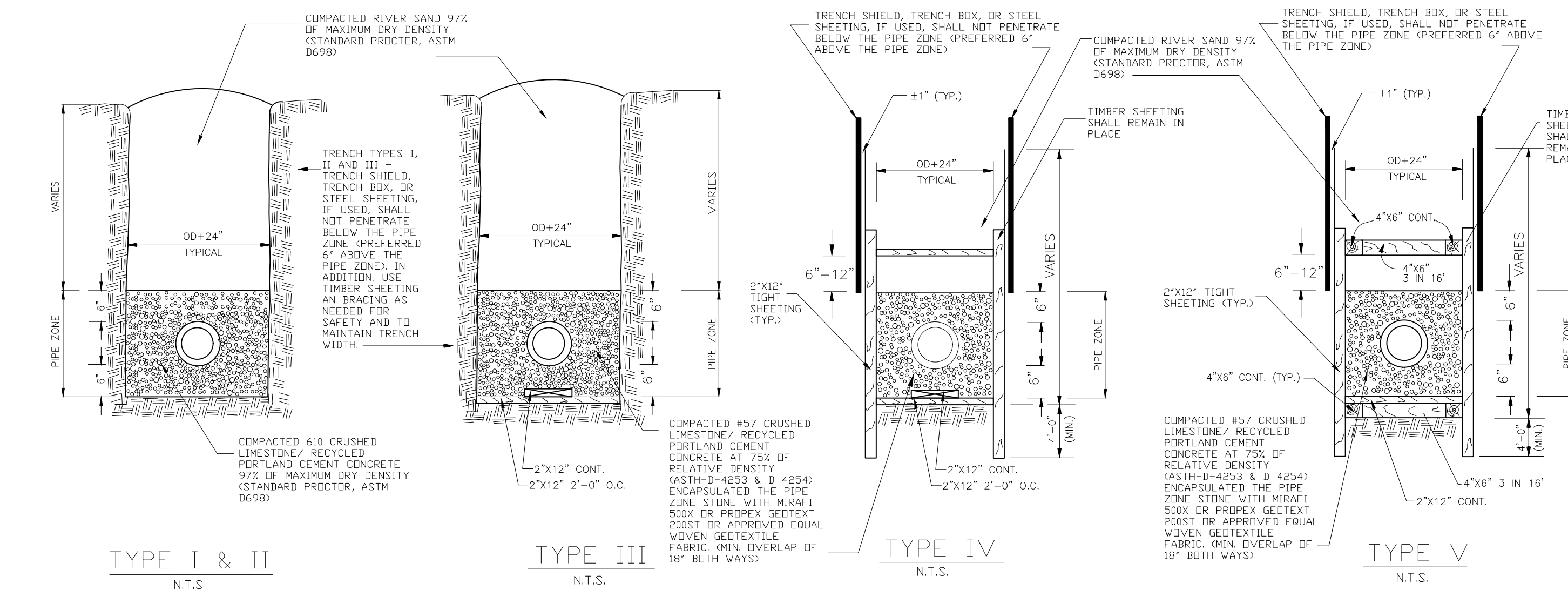
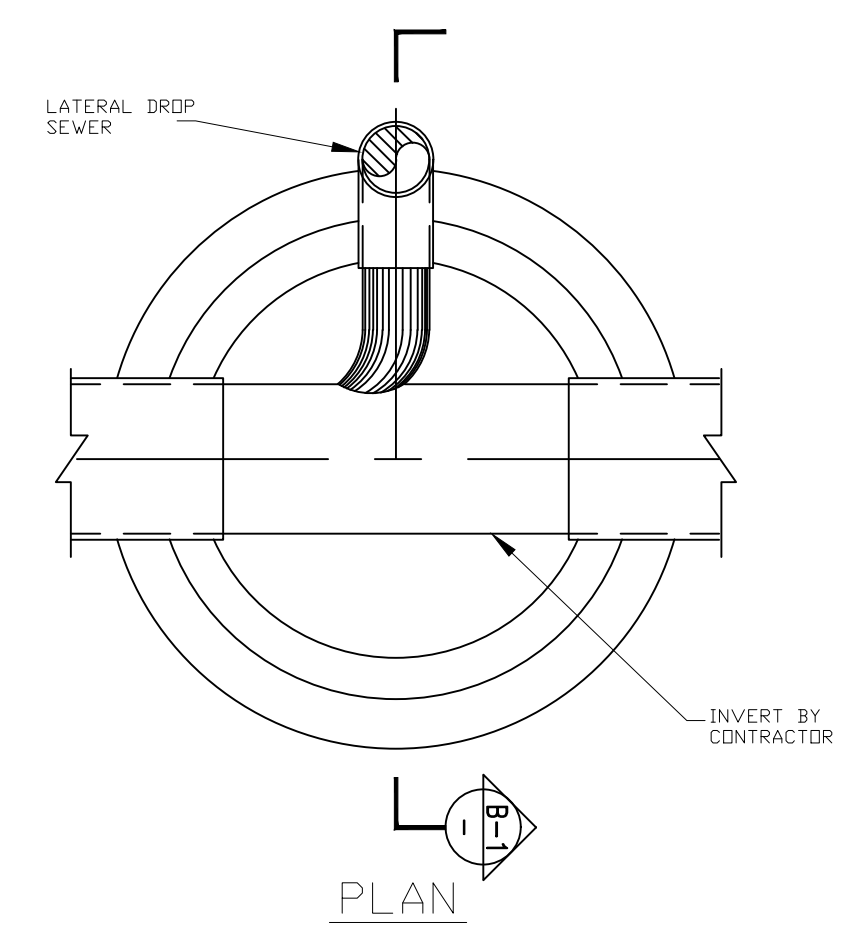
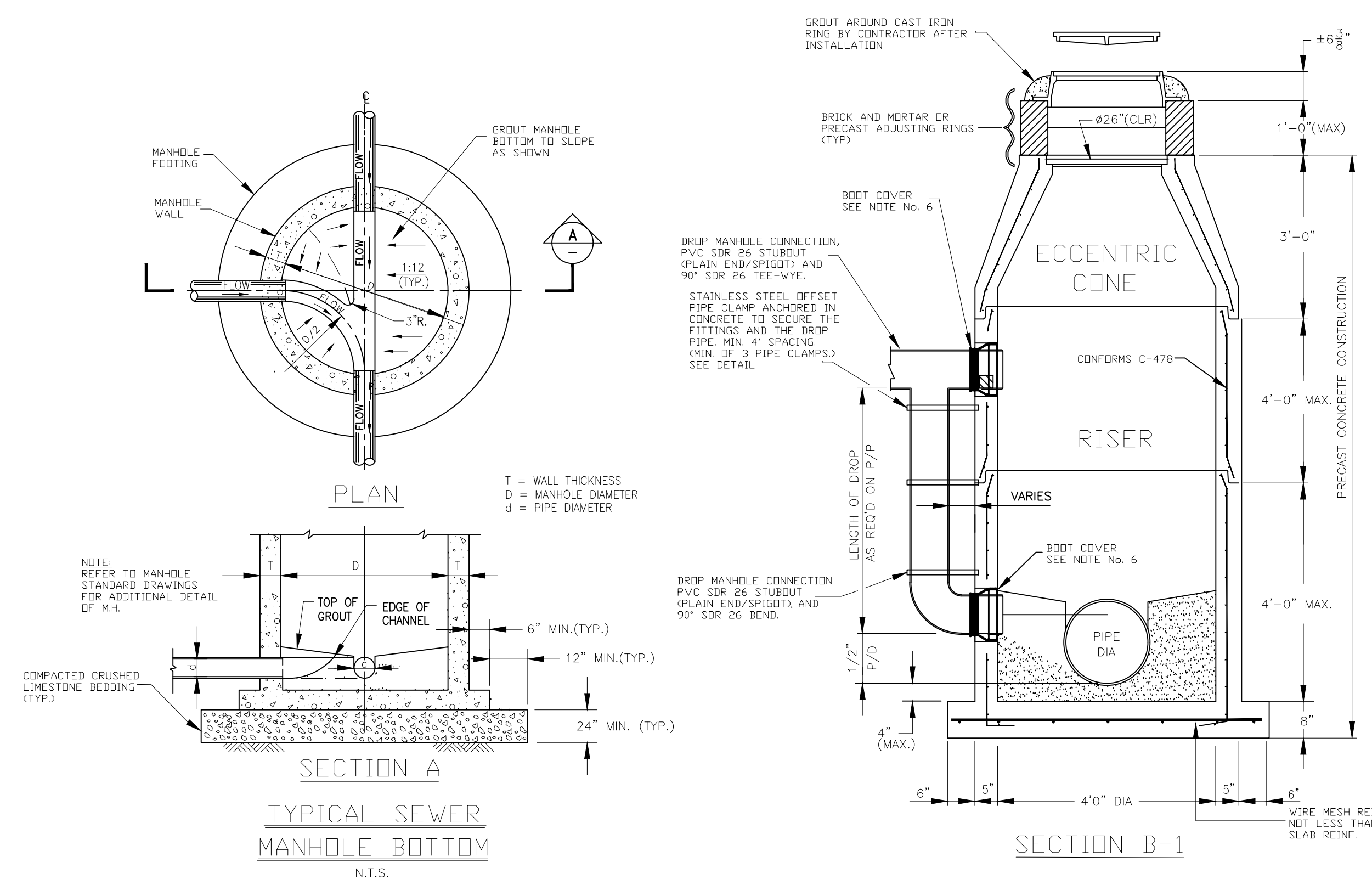


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ST. BERNARD PARISH GOVERNMENT
 STANDARD DETAIL PLANS
 WATER SERVICE DETAILS

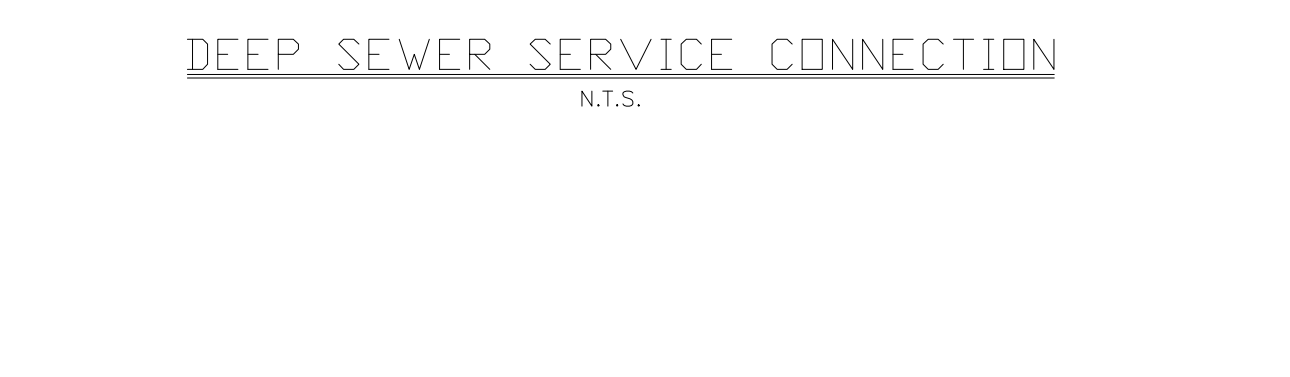
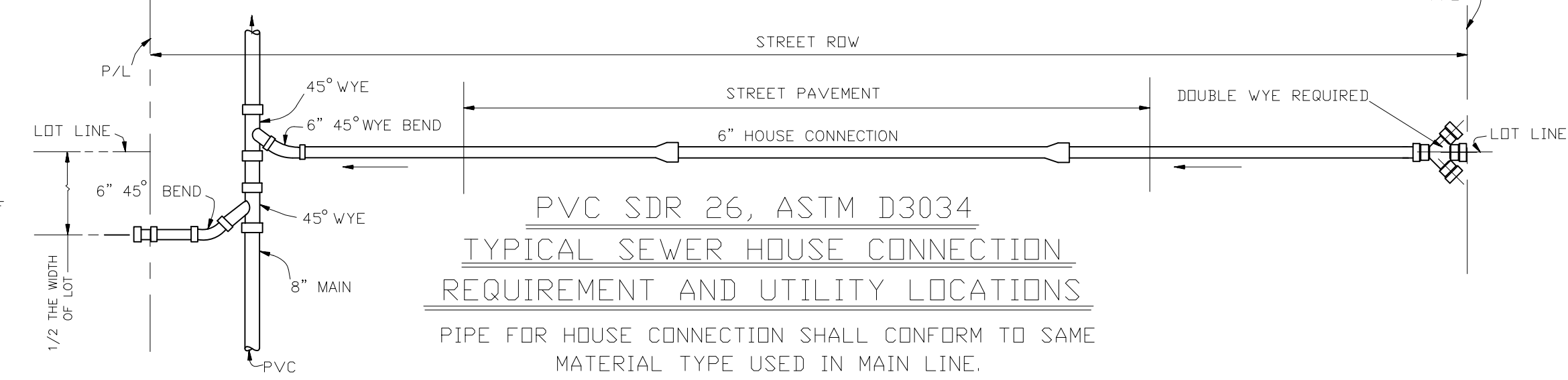
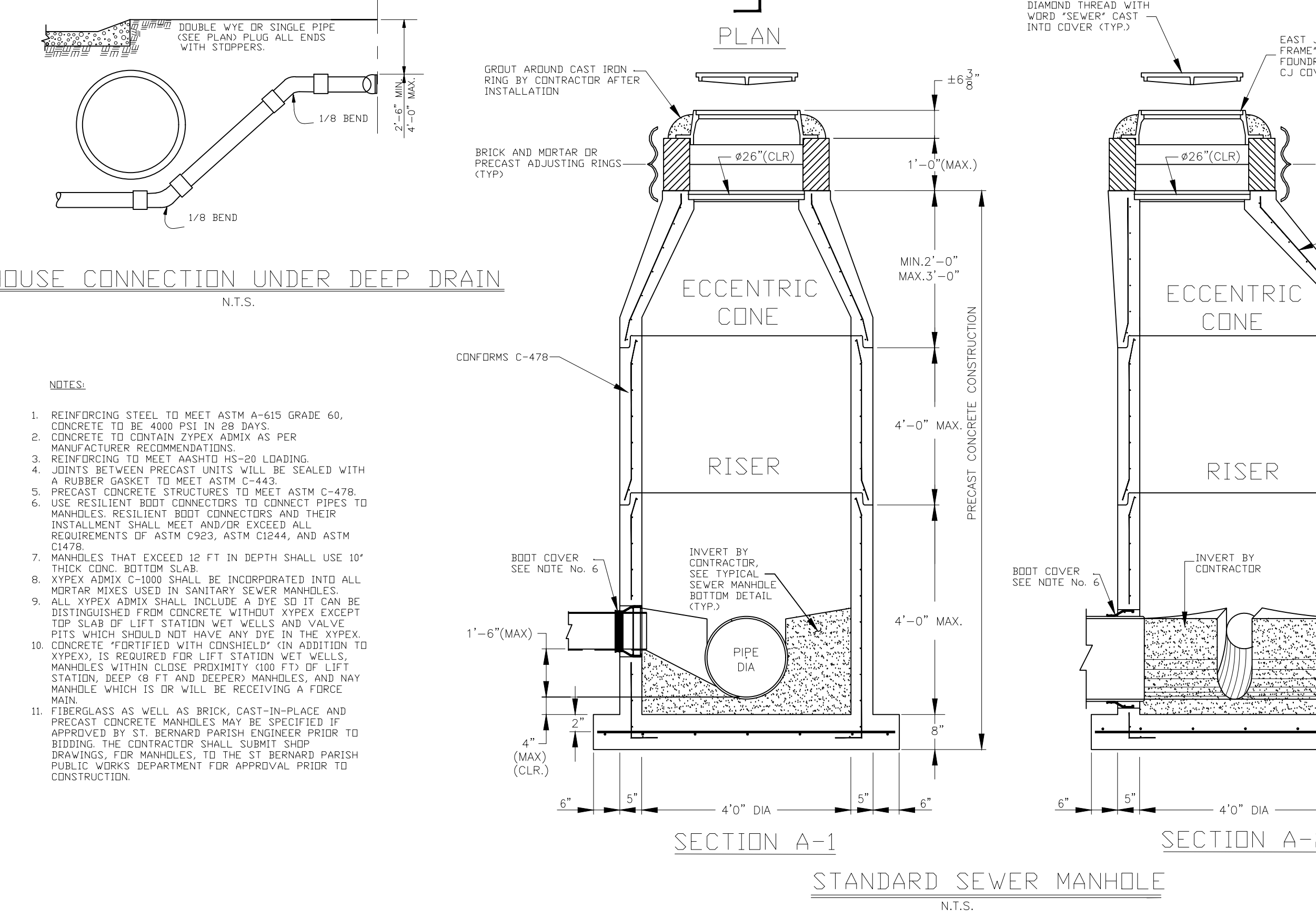
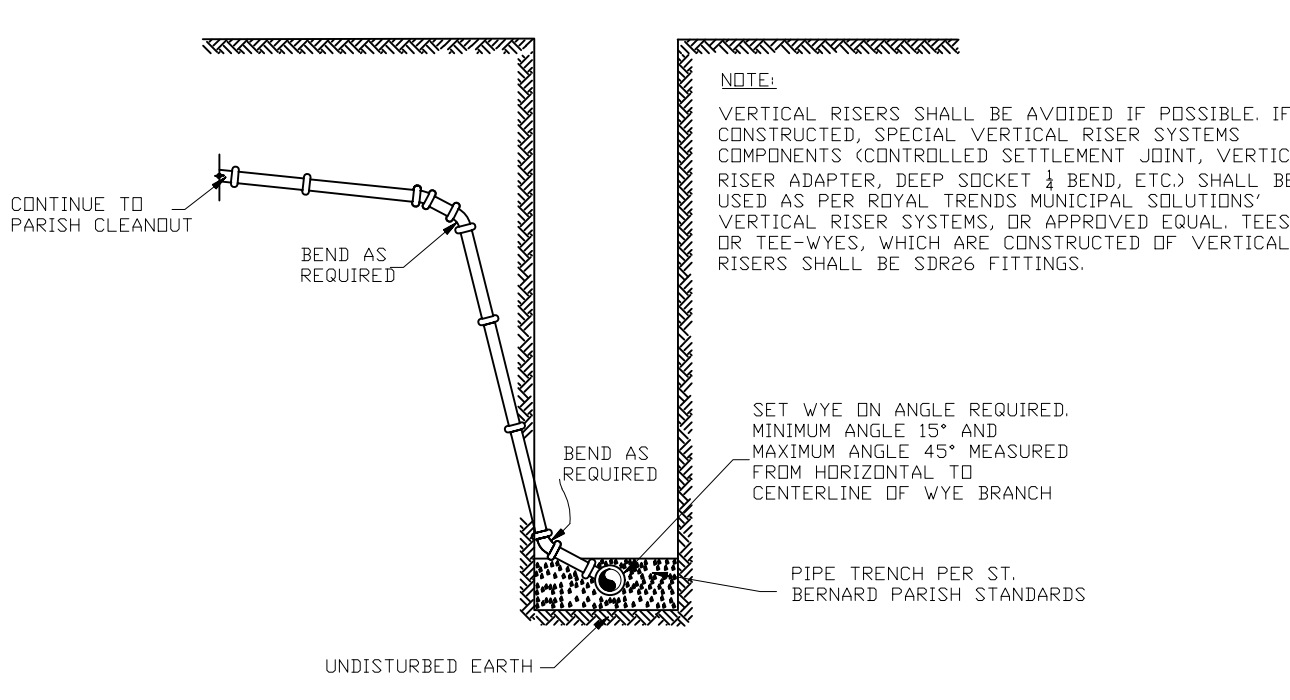
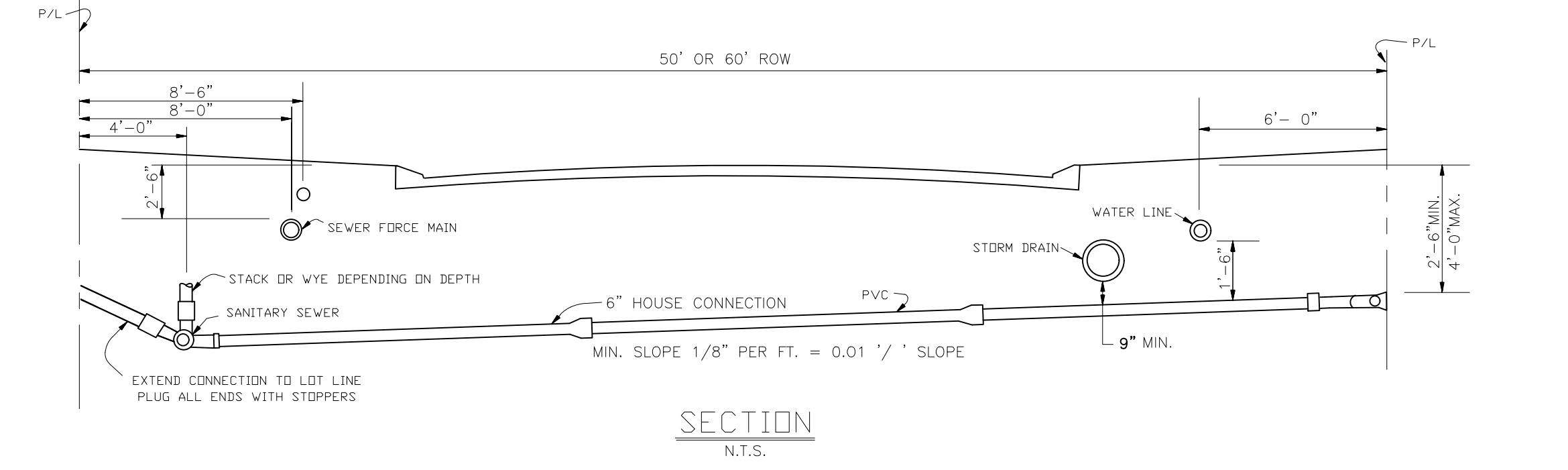
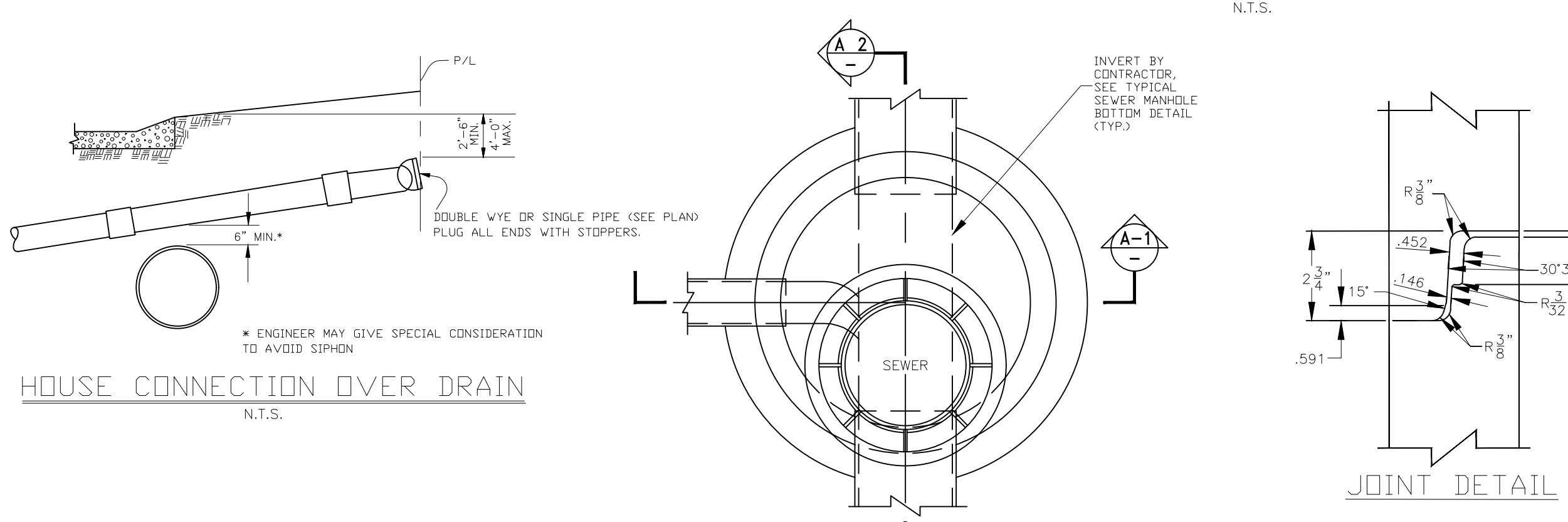
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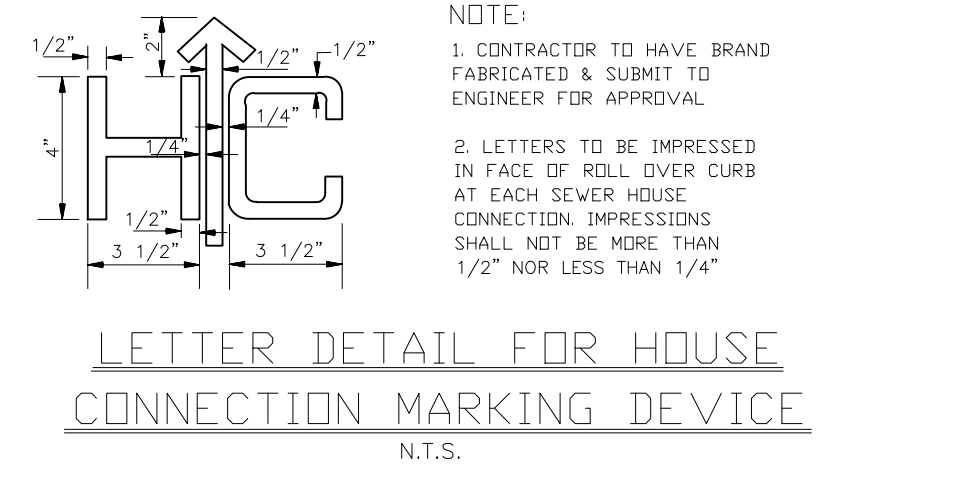


NOTE:
TIMBER SHEETING AND BRACING SHOWN ABOVE ARE MIN. REQUIREMENTS TO CONTROL THE WIDTH OF THE EXCAVATED TRENCH AND TO SAFEGUARD THE INTEGRITY OF THE SEWER FOUNDATION, BEDDING AND BACKFILL. IN ADDITION TO THESE MIN. REQUIREMENTS, THE CONTRACTOR SHALL PROVIDE SUFFICIENT SHEETING AND BRACING TO PROVIDE SAFE WORKING CONDITIONS FOR HIS WORKMEN.

- NOTES:**
- TRENCH CONSTRUCTION FOR THE GRAVITY SEWER LINES SHALL BE DETERMINED BY THE EXISTING SOIL TYPE AND DEPTH OF INSTALLATION.
 - DIAL HANDICAP SUCH AS DIM SHALL BE ALLOWED FOR SHEETING, BRACING, AND FOUNDATION LUMBER.
 - ALL CONTRACTORS' OPTION, FOUNDATION LUMBER MAY BE USED IN TRENCH TYPES I & II.
 - THE CONTRACTOR MUST REVIEW AND UNDERSTAND ALL THE DETAILS ON THIS STANDARD DRAWING SHEET PRIOR TO BIDDING.



- NOTES:**
- REINFORCING STEEL TO MEET ASTM A-615 GRADE 60, CONCRETE TO BE 4000 PSI IN 28 DAYS.
 - CONCRETE TO CONTAIN XYPEX ADMIX AS PER MANUFACTURER'S RECOMMENDATION.
 - REINFORCING TO MEET AASHTO HS-20 LOADING.
 - JENTS BETWEEN PRECAST LANTS WILL BE SEALED WITH A RUBBER GASKET TO MEET ASTM C-478.
 - PRECAST CONCRETE STRUCTURES TO MEET ASTM C-478.
 - USE RESILIENT BOOT CONNECTORS TO CONNECT PIPES TO MANHOLES. RESILIENT BOOT CONNECTORS AND THEIR INSTALLATION SHALL MEET AND/OR EXCEED ALL REQUIREMENTS OF ASTM C202, ASTM C204, AND ASTM C1478.
 - MANHOLES THAT EXCEED 12 FT IN DEPTH SHALL USE 10" THICK CONC. BOTTOM SLAB.
 - XYPEX ADMIX C-1000 SHALL BE INCORPORATED INTO ALL MORTAR MIXES USED IN SANITARY SEWER MANHOLES.
 - ALL MIXES ADMIX SHALL INCLUDE A 5# 50 FT CAN BE DISTINGUISHED FROM CONCRETE WITHOUT XYPEX EXCEPT TOP SLAB OF LIFT STATION, WET WELLS AND VALVE PITS WHICH SHOULD NOT HAVE ANY DYE IN THE XYPEX.
 - CONCRETE IDENTIFIED WITH CONCRETE DYE (IN ADDITION TO XYPEX). IS REQUIRED FOR LIFT STATION WET WELLS, MANHOLES WITHIN CLOSE PROXIMITY (50 FT) OF LIFT STATION, DEEP (8 FT AND DEEPER) MANHOLES, AND ANY MANHOLE WHICH IS OR WILL BE RECEIVING A FORCE MAIN.
 - FIBERGLASS AS WELL AS BRICK, CAST-IN-PLACE AND PRECAST CONCRETE MANHOLES MAY BE SPECIFIED IF APPROVED BY ST. BERNARD PARISH ENGINEER PRIOR TO BIDDING. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR MANHOLES TO THE ST. BERNARD PARISH PUBLIC WORKS DEPARTMENT FOR APPROVAL PRIOR TO CONSTRUCTION.



PROJECT NAME : ST. BERNARD PARISH GOVERNMENT
STANDARD DETAIL PLANS
SEWER DETAILS

PROJECT NUMBER :

DATE: 08.09.2019
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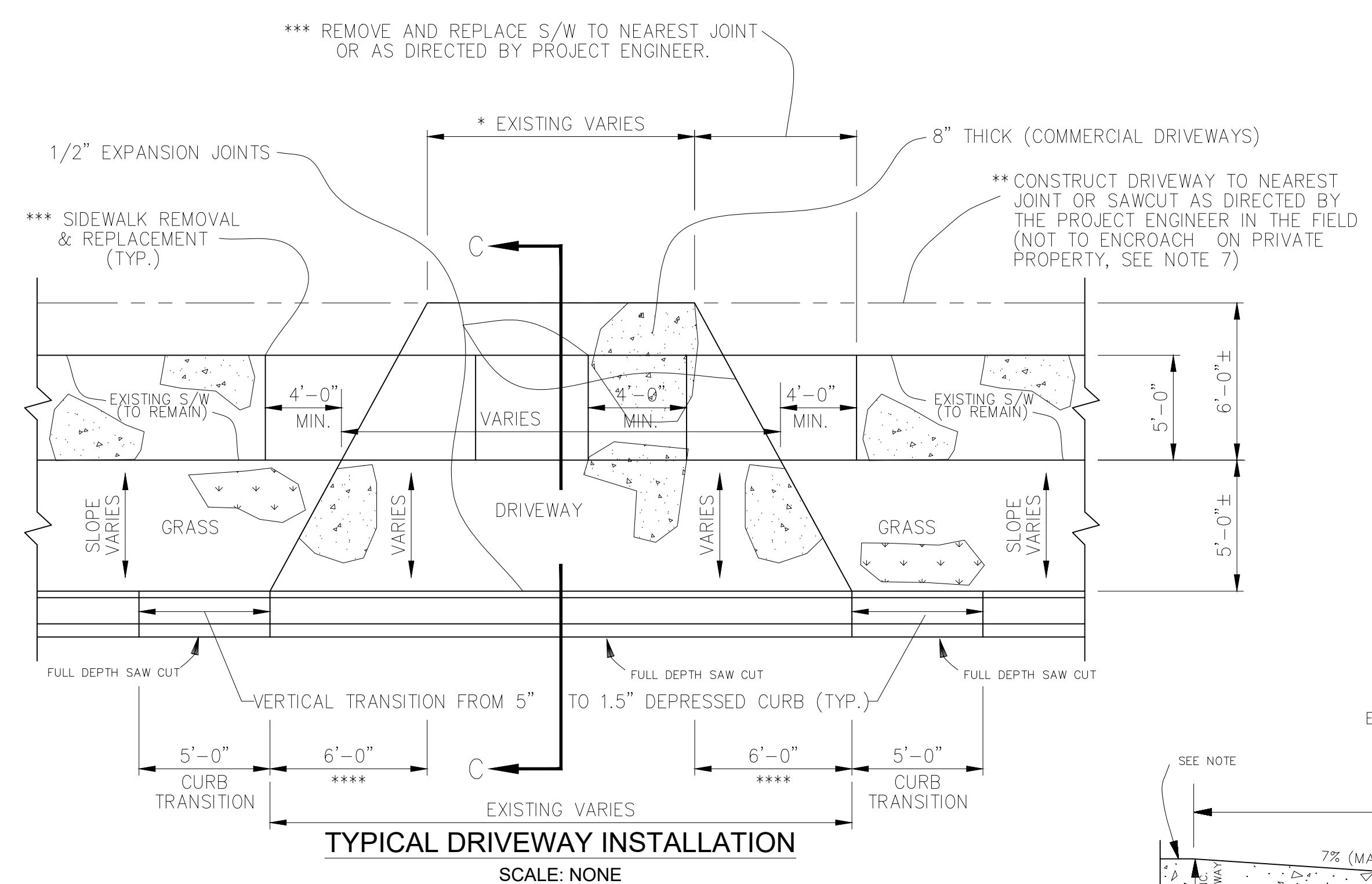
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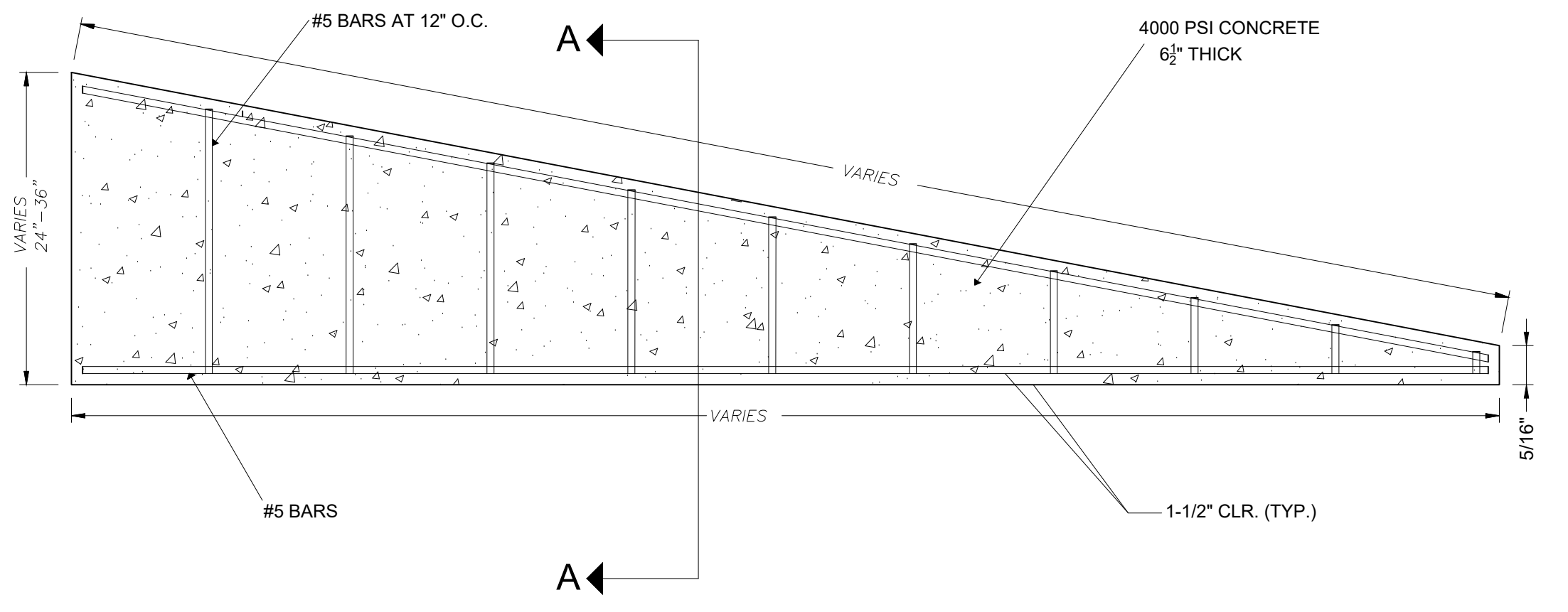
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SHEET 12 OF 16

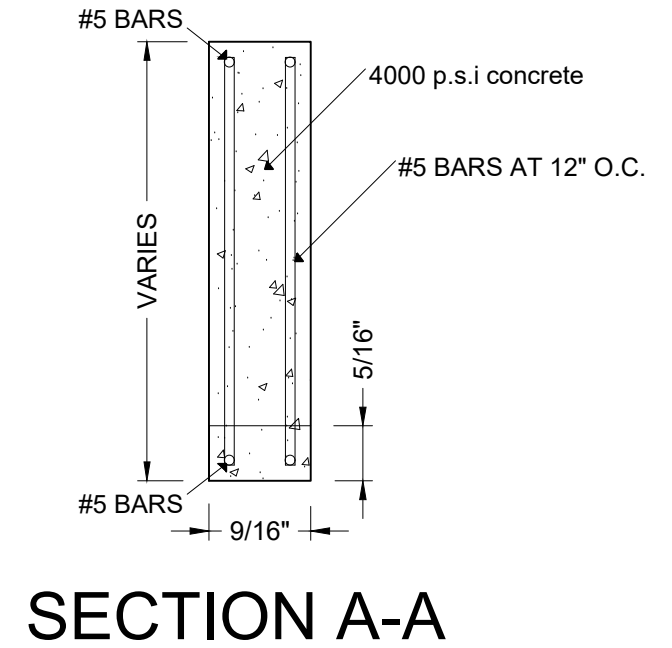




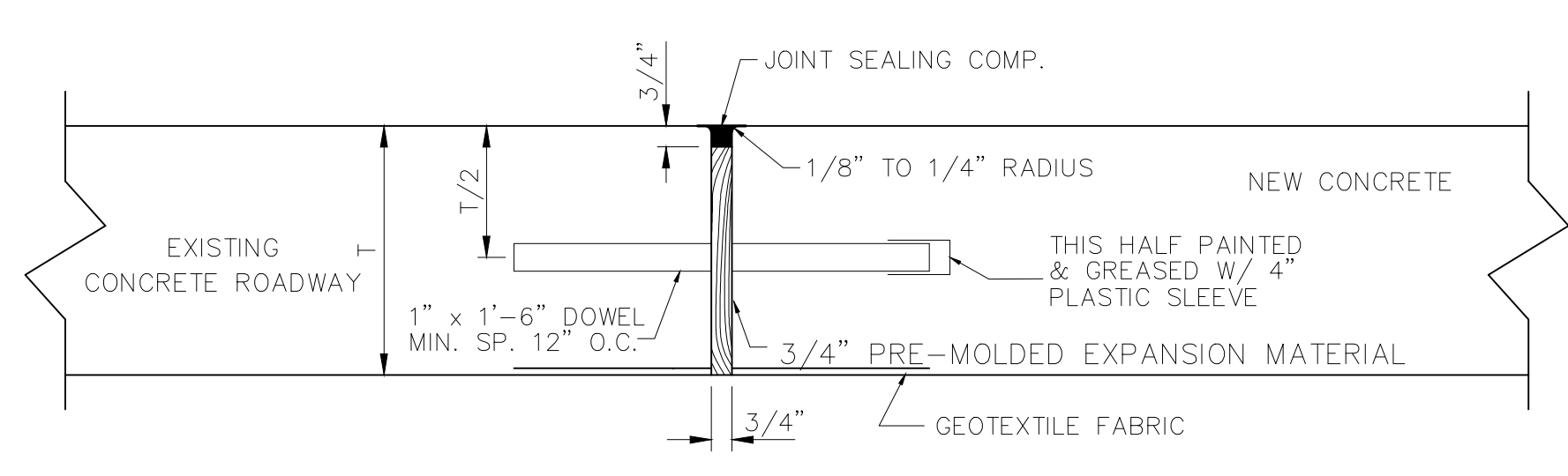
- DRIVEWAY NOTES:**
- 1) DRIVEWAY WIDTH SHALL BE AS DIRECTED BY PROJECT ENGINEER IN FIELD.
 - 2) LIMITS OF DRIVEWAYS SHALL BE AS DIRECTED BY PROJECT ENGINEER IN THE FIELD.
 - 3) LIMITS OF SIDEWALK REMOVAL TO BE DETERMINED IN FIELD BY PROJECT ENGINEER.
 - 4) DRIVEWAYS SHALL BE REINFORCED WITH 6" X 12" 0/1 WWF WEIGHTING 77#, PER 110 S.F.
 - 5) FLARE WIDTHS MAY HAVE TO BE ADJUSTED TO MEET FIELD CONDITIONS. PROJECT ENGINEER SHALL DIRECT CONTRACTOR IN FIELD.
 - 6) DRIVEWAY SLOPE SHALL NOT EXCEED 7% WITHOUT WRITTEN APPROVAL FROM PROJECT ENGINEER.
 - 7) NO WORK SHALL BE PERFORMED ON PRIVATE PROPERTY UNLESS THE PARISH HAS OBTAINED A RIGHT OF ENTRY FROM THE PROPERTY OWNER.
 - 8) MATCH EXISTING DRIVEWAY MATERIALS "IN KIND", (EXP. AGGREGATE, BRICK, ETC...) (N.D.P.)
 - 9) IF PROJECT ENGINEER DETERMINES THAT TYPICAL DRIVEWAY DETAIL IS NOT FEASIBLE, CONTRACTOR TO REPLACE "IN KIND".
 - 10) SIDEWALK AND DRIVEWAY APRON THICKNESS SHALL BE 8" FOR COMMERCIAL.



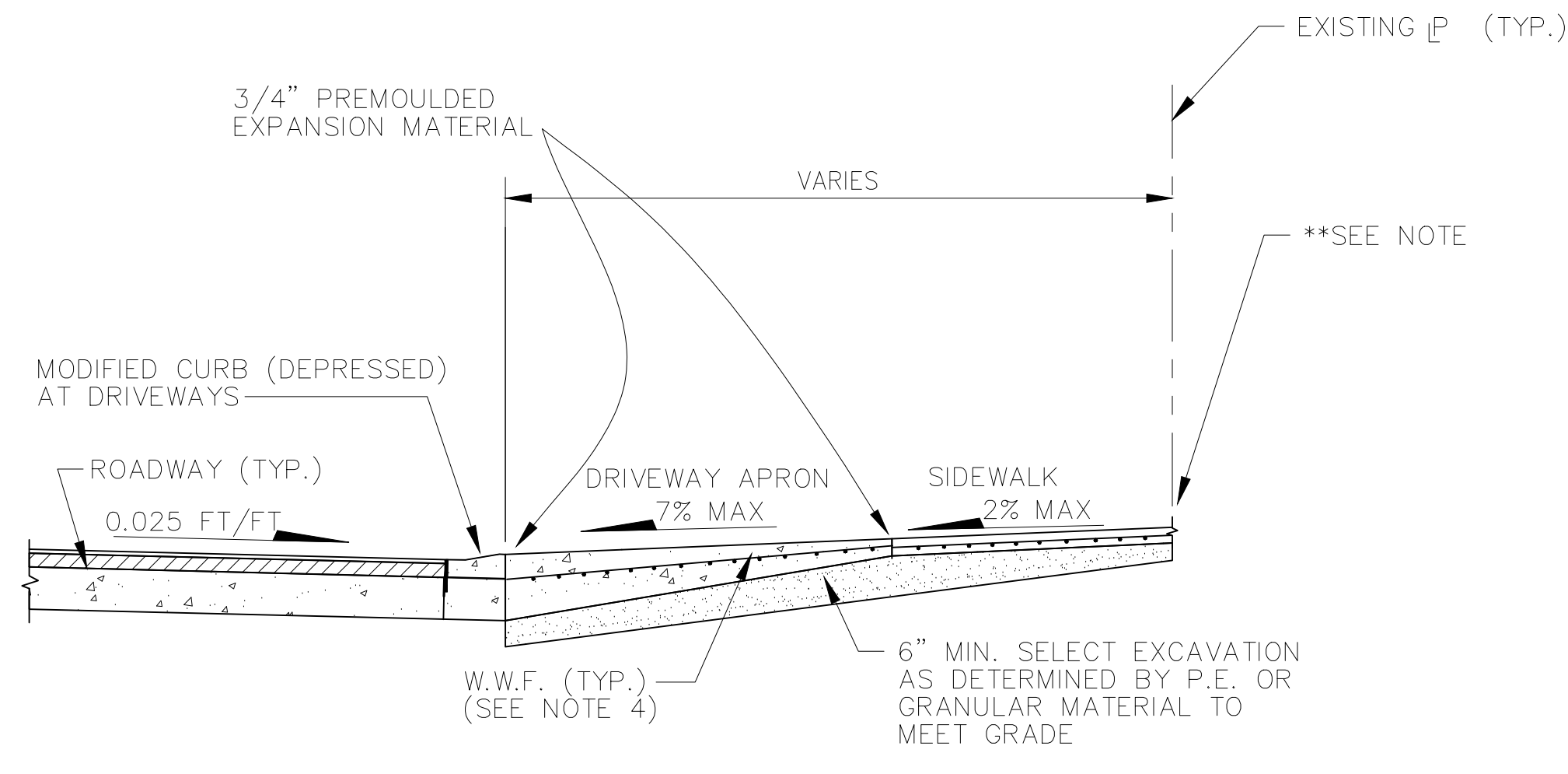
CONCRETE ROADWAY BARRIER PROFILE
N.T.S.



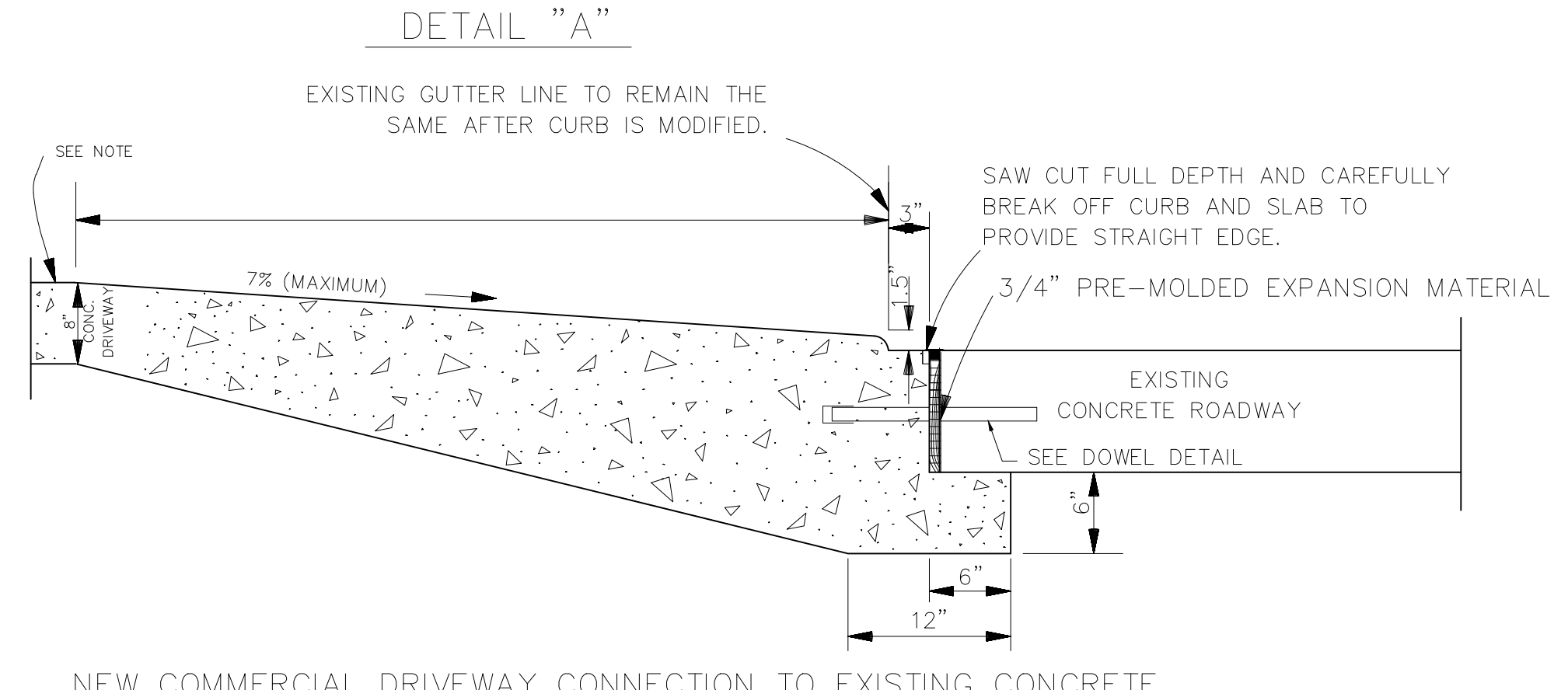
SECTION A-A



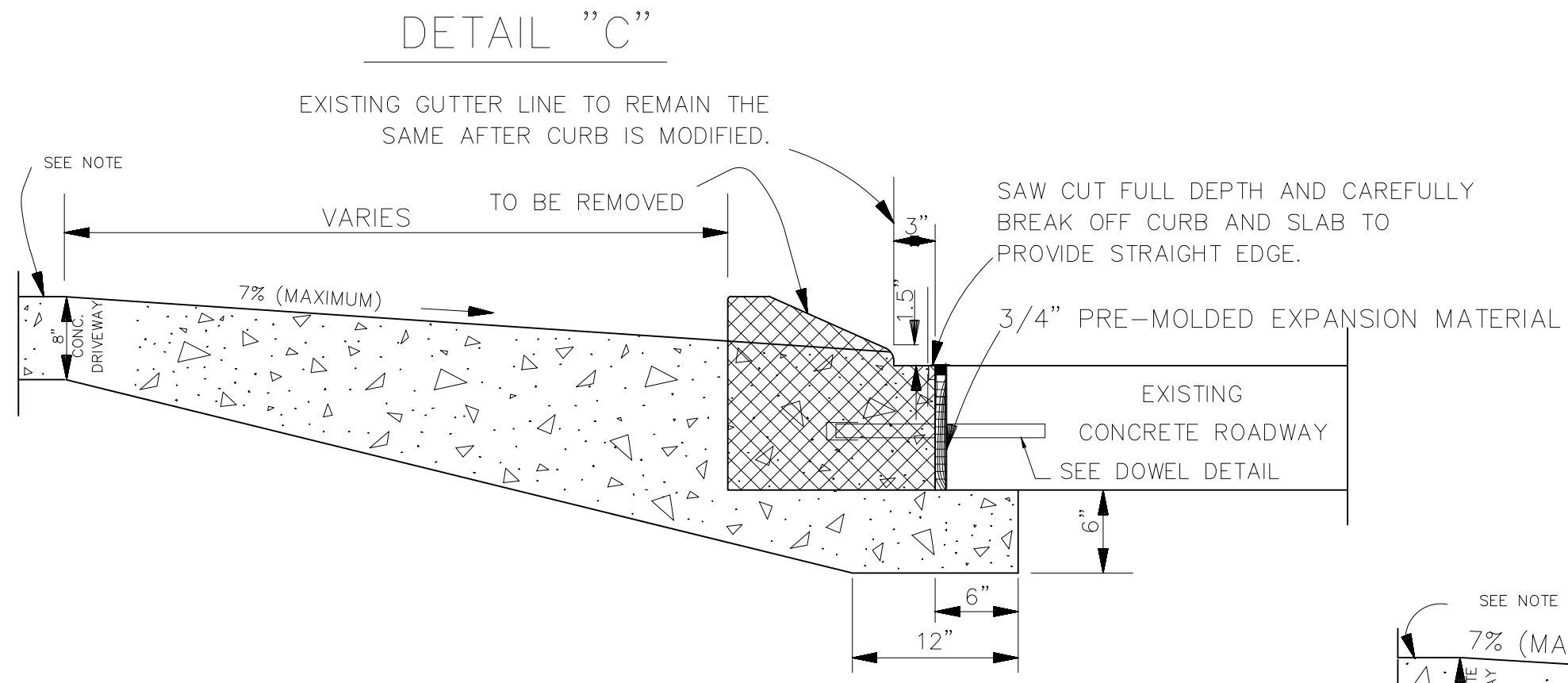
DOWEL DETAIL



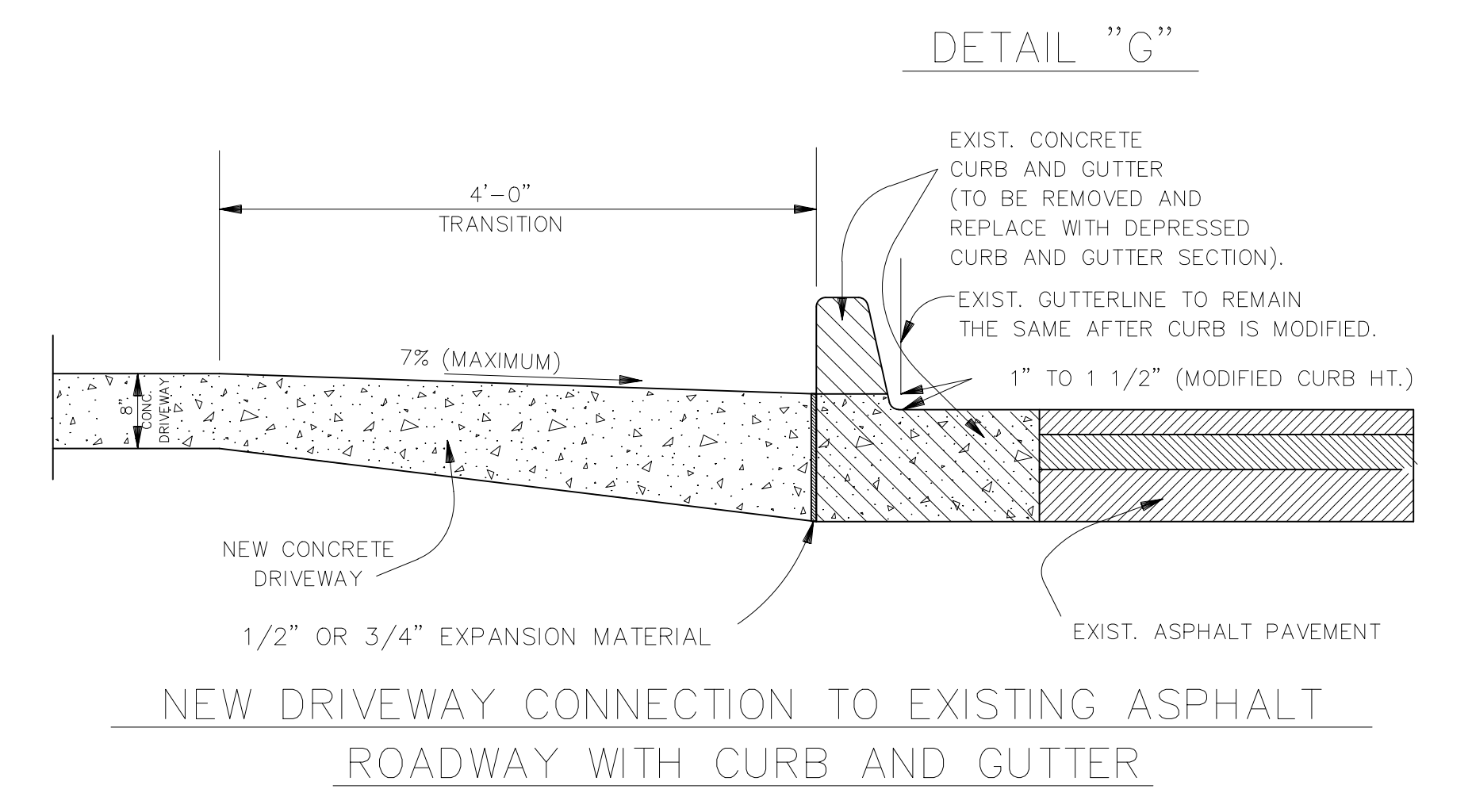
SECTION "C-C"
DRIVEWAY TYPICAL SECTION
SCALE: NONE



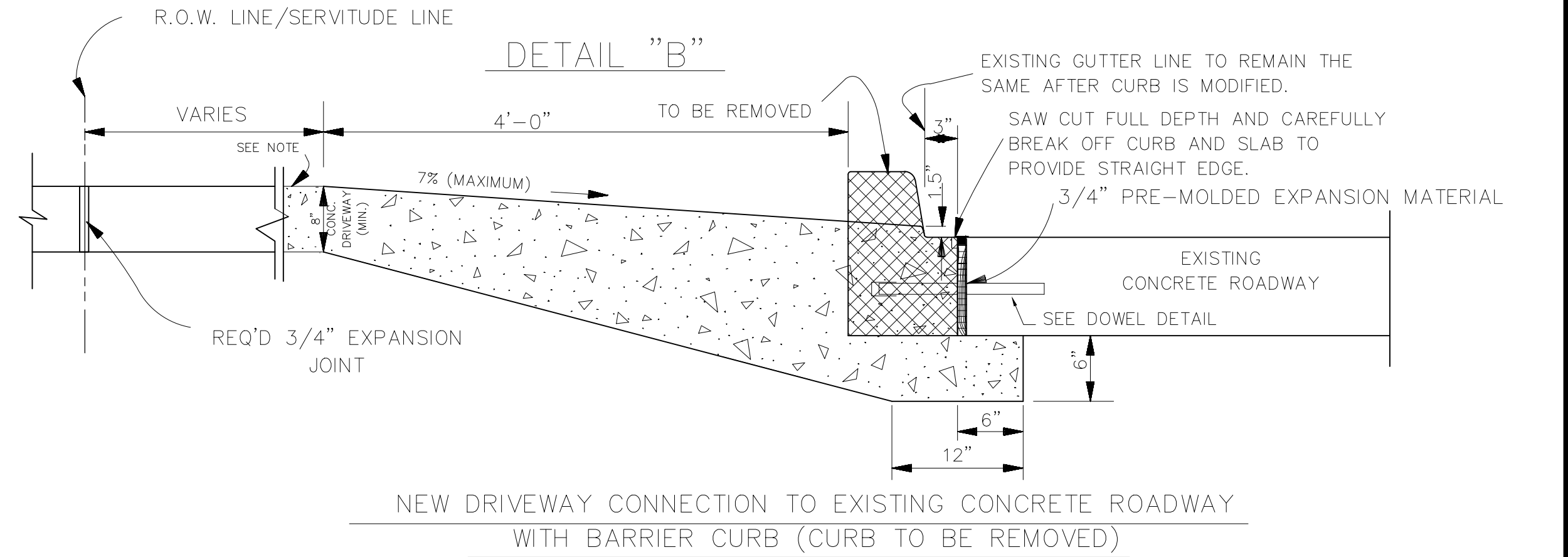
DETAIL "A"
NEW COMMERCIAL DRIVEWAY CONNECTION TO EXISTING CONCRETE ROADWAY (DEPRESSED CURB)



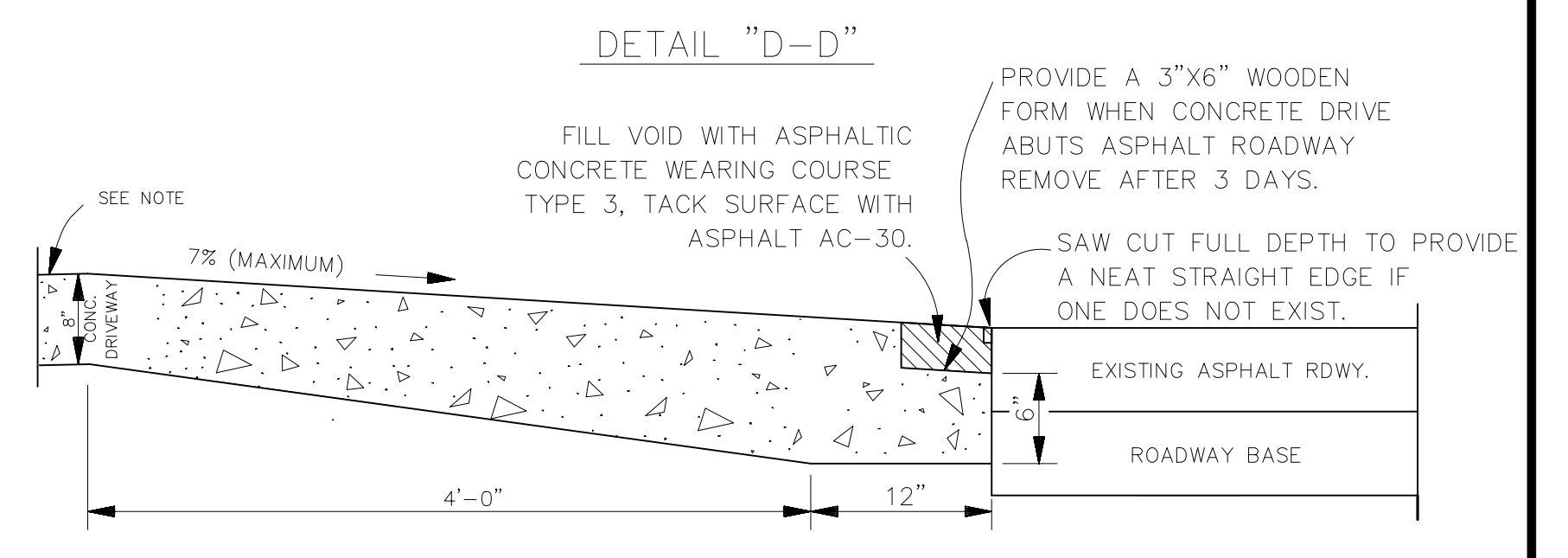
DETAIL "C"
NEW DRIVEWAY CONNECTION TO EXISTING CONCRETE ROADWAY WITH ROLLOVER CURB (CURB TO BE REMOVED)



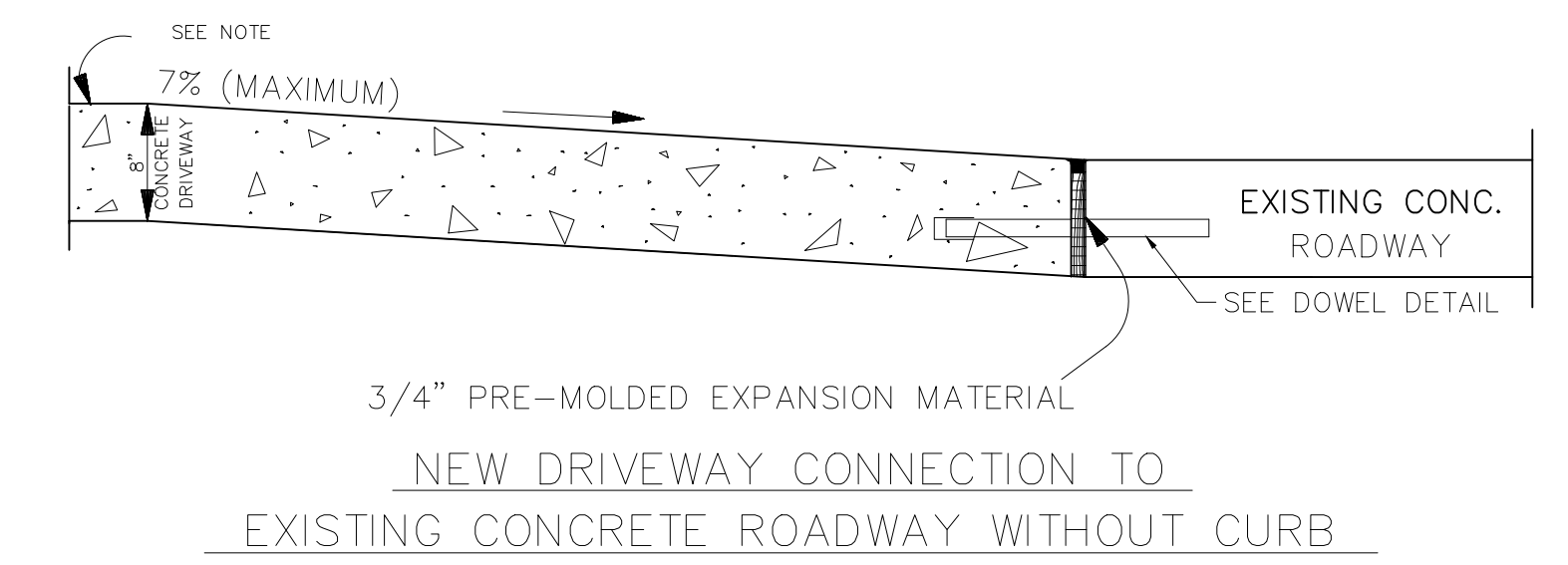
DETAIL "G"
NEW DRIVEWAY CONNECTION TO EXISTING ASPHALT ROADWAY WITH CURB AND GUTTER



DETAIL "B"
NEW DRIVEWAY CONNECTION TO EXISTING CONCRETE ROADWAY WITH BARRIER CURB (CURB TO BE REMOVED)



DETAIL "D-D"
NEW DRIVEWAY CONNECTION TO EXISTING ASPHALT ROADWAY WITHOUT CURB

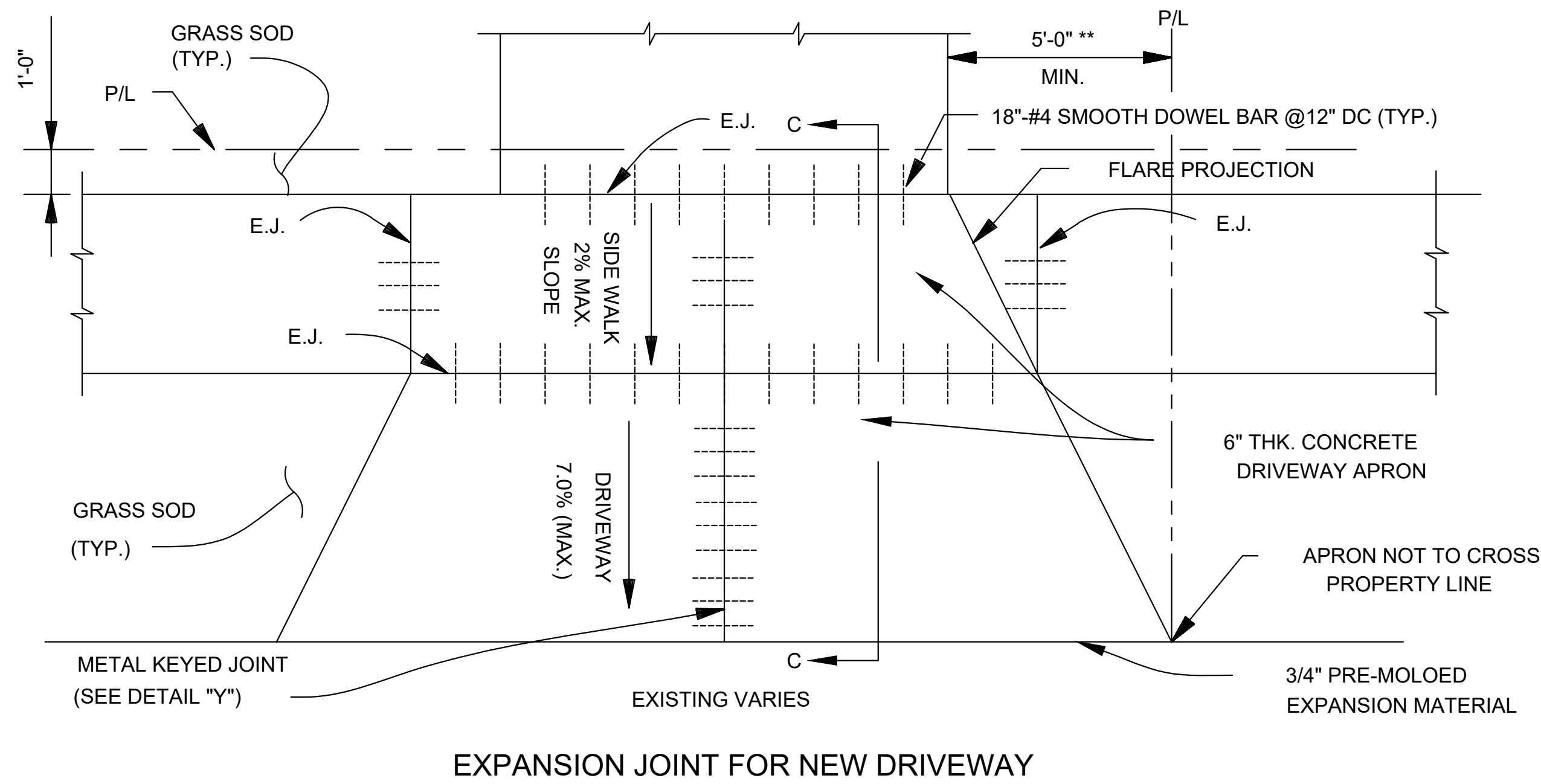


DETAIL "D"
NEW DRIVEWAY CONNECTION TO EXISTING CONCRETE ROADWAY WITHOUT CURB

NOTE:
AN EXPANSION JOINT WILL BE REQUIRED ALONG RIGHT-OF-WAY (R.O.W.) LINE OR SERVITUDE LINE. (SEE DETAIL "B") (APPLICABLE IN ALL SITUATIONS).

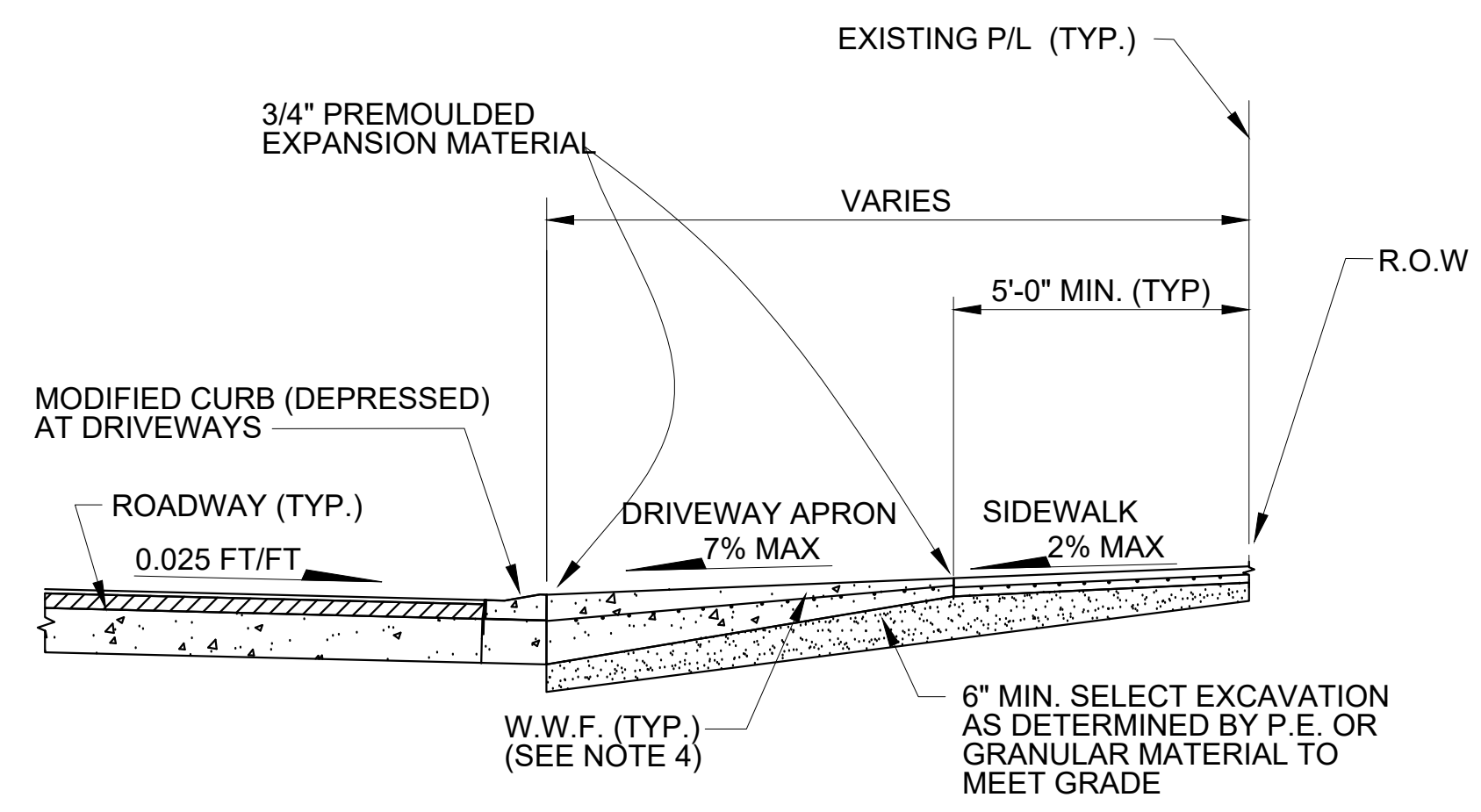


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| PROJECT NAME : | | PROJECT NUMBER: | |
| ST. BERNARD PARISH GOVERNMENT | | APPROVED BY | |
| STANDARD DETAIL PLANS | | DRAWING NUMBER | |
| ROADWAY CONNECTION DETAILS | | SD - 14 | |
| COMMERCIAL | | SHEET 14 OF 17 | |
| DATE | 10.28.2019 | DATE | |
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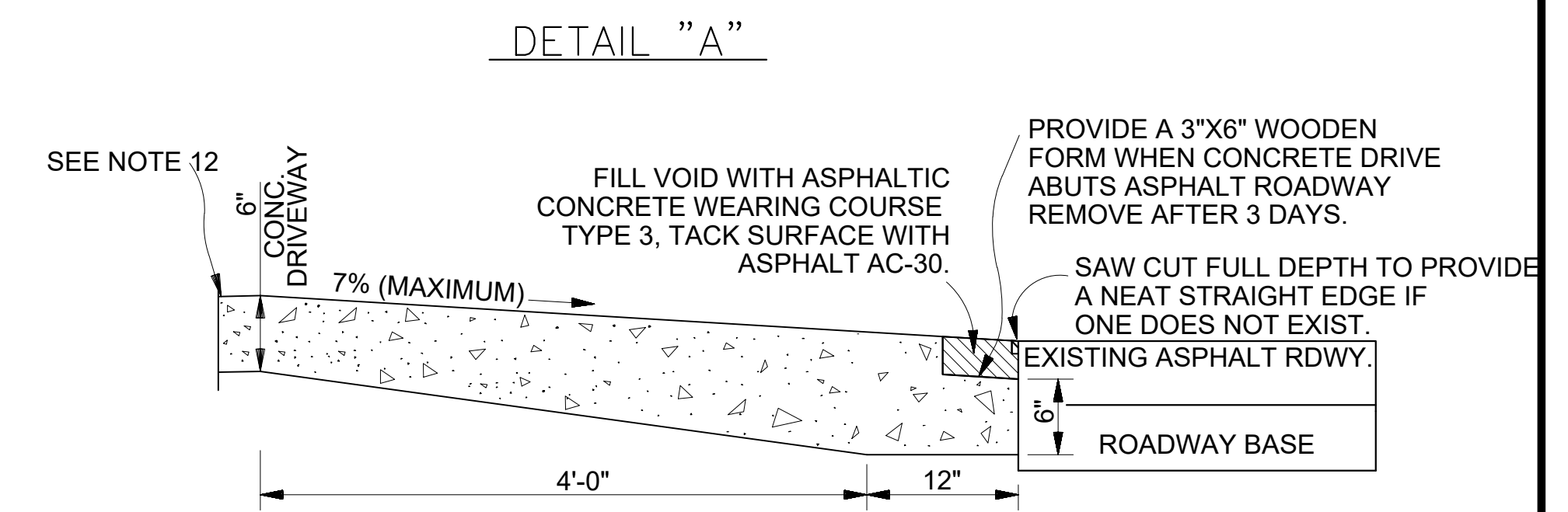


EXPANSION JOINT FOR NEW DRIVEWAY

DETAIL "A"



SECTION "C-C"
DRIVEWAY TYPICAL SECTION
SCALE: NONE

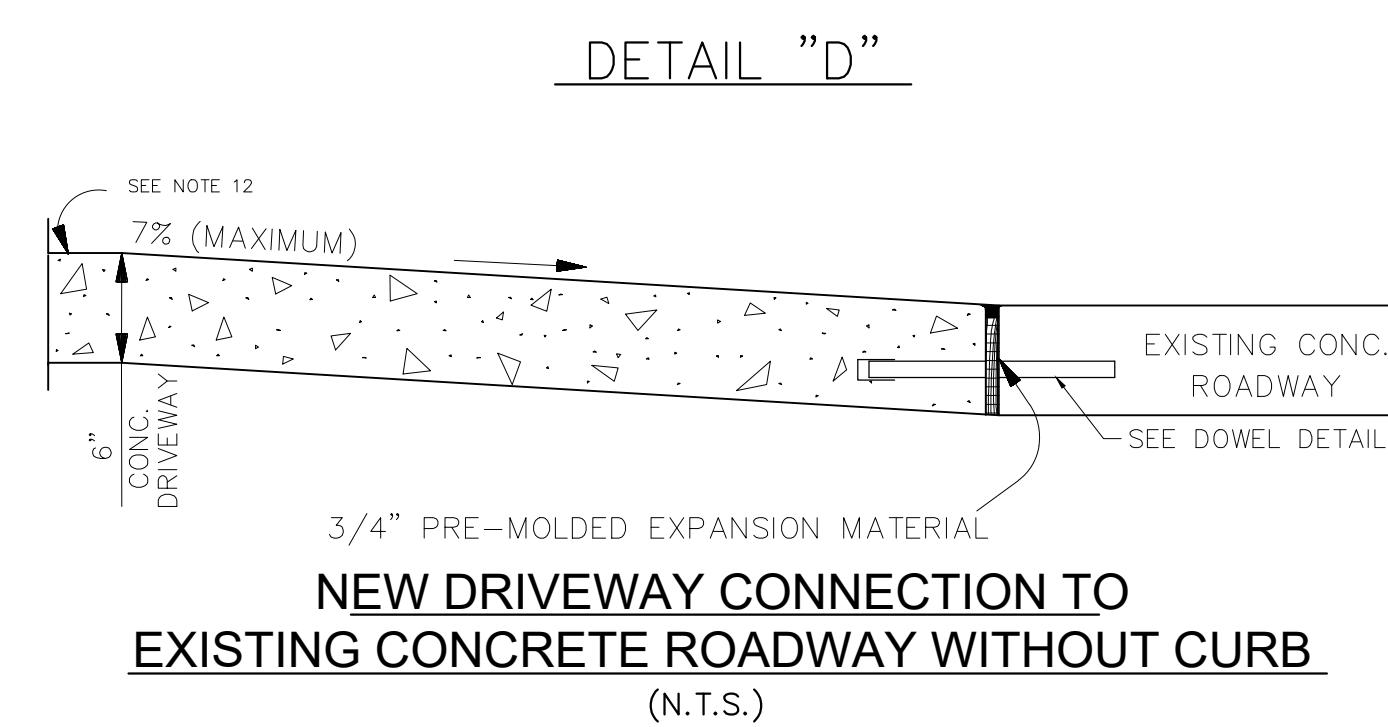


NEW DRIVEWAY CONNECTION TO
EXISTING ASPHALT ROADWAY WITHOUT CURB
(N.T.S.)

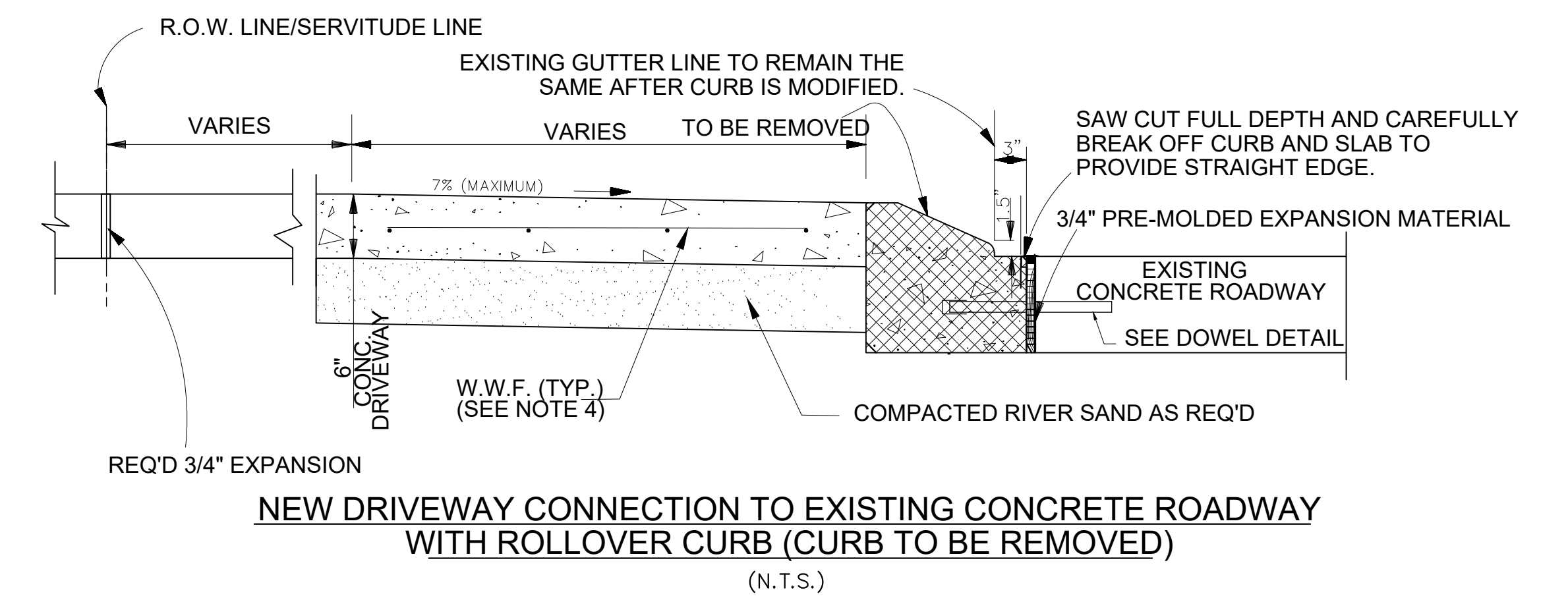
DETAIL "B"

DRIVEWAY NOTES:

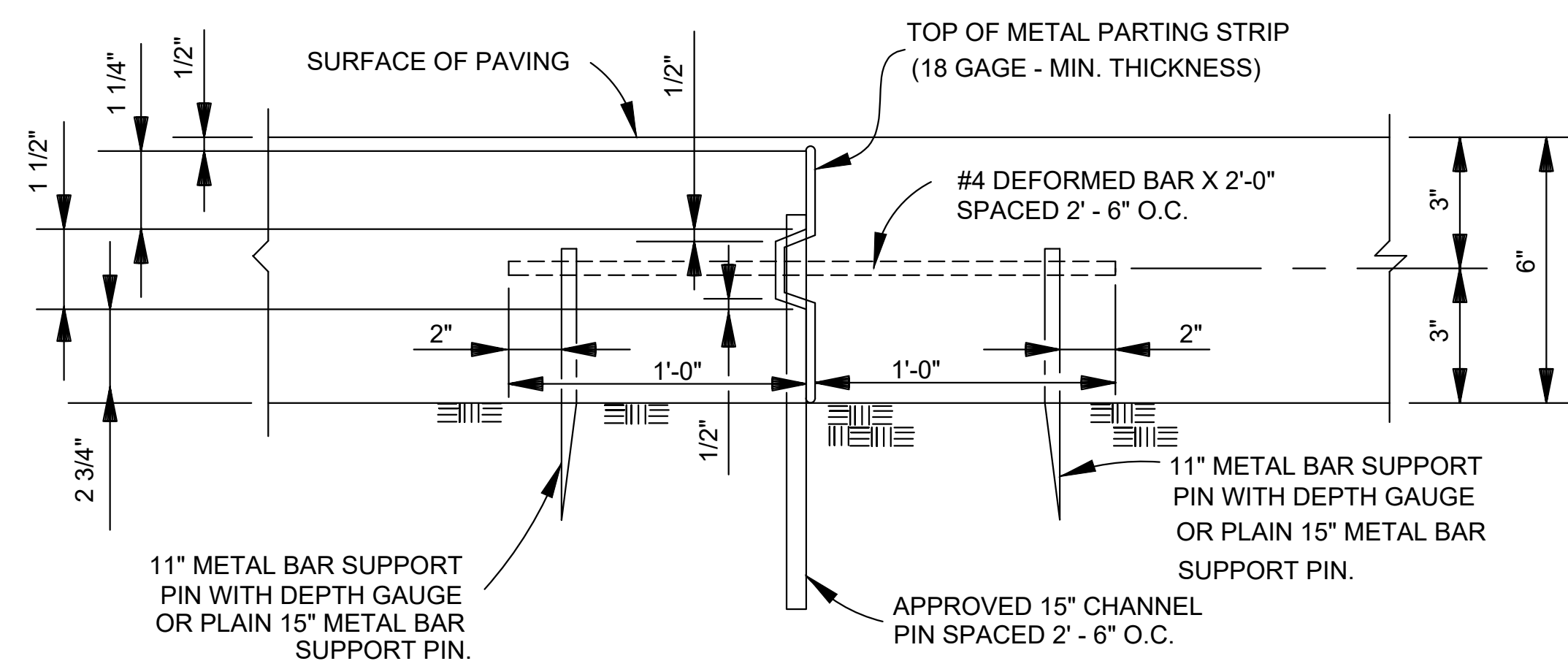
- * 1) DRIVEWAY WIDTH SHALL BE AS DIRECTED BY PROJECT ENGINEER IN FIELD.
- ** 2) LIMITS OF DRIVEWAYS SHALL BE AS DIRECTED BY PROJECT ENGINEER IN THE FIELD.
- *** 3) LIMITS OF SIDEWALK REMOVAL TO BE DETERMINED IN FIELD BY PROJECT ENGINEER.
- 4) DRIVEWAYS SHALL BE REINFORCED WITH 6" X 6" D6.0 BY D6.0 WELDED WIRE FABRIC.
- **** 5) FLARE WIDTHS MAY HAVE TO BE ADJUSTED TO MEET FIELD CONDITIONS. PROJECT ENGINEER SHALL DIRECT CONTRACTOR IN FIELD.
- 6) DRIVEWAY SLOPE SHALL NOT EXCEED 7% WITHOUT WRITTEN APPROVAL FROM PROJECT ENGINEER.
- 7) NO WORK SHALL BE PERFORMED ON PRIVATE PROPERTY UNLESS THE PARISH HAS OBTAINED A RIGHT OF ENTRY FROM THE PROPERTY OWNER.
- 8) MATCH EXISTING DRIVEWAY MATERIALS "IN KIND". (EXP. AGGREGATE, BRICK, ETC...) (N.D.P.)
- 9) IF PROJECT ENGINEER DETERMINES THAT TYPICAL DRIVEWAY DETAIL IS NOT FEASIBLE, CONTRACTOR TO REPLACE "IN KIND".
- 10) SIDEWALK AND DRIVEWAY APRON THICKNESS SHALL BE 6" FOR RESIDENTIAL.
- 11) TRANSITIONS WHERE SIDEWALKS MEET DRIVEWAYS SHALL NOT EXCEED THE MAXIMUM ALLOWABLE SLOPE OF 2.00%.
- 12) EXPANSION JOINTS WILL BE REQUIRED ALONG RIGHT-OF-WAY (R.O.W.) LINE OR SERVIDUTE LINE. (SEE DETAIL B) (APPLICABLE IN ALL SITUATIONS)
- 13) METAL KEYED JOINTS NEEDED FOR DRIVEWAYS GREATER THAN 16 FEET IN WIDTH



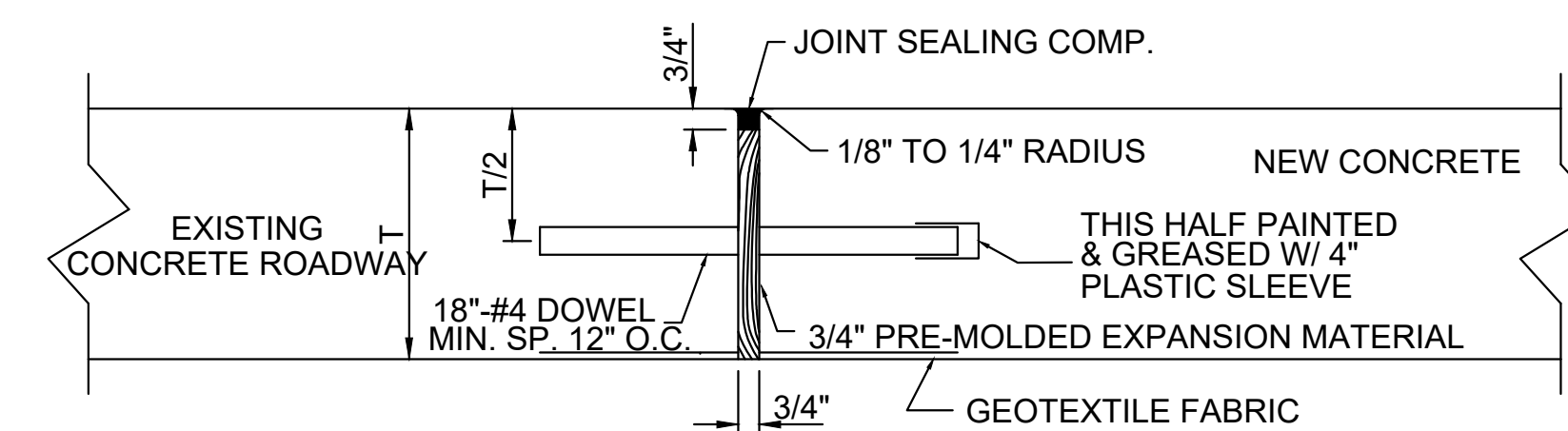
NEW DRIVEWAY CONNECTION TO
EXISTING CONCRETE ROADWAY WITHOUT CURB
(N.T.S.)



NEW DRIVEWAY CONNECTION TO EXISTING CONCRETE ROADWAY
WITH ROLLOVER CURB (CURB TO BE REMOVED)
(N.T.S.)



DETAIL "Y"
N.T.S.



EXPANSION JOINT DETAIL



PROJECT NAME :

PROJECT NUMBER:

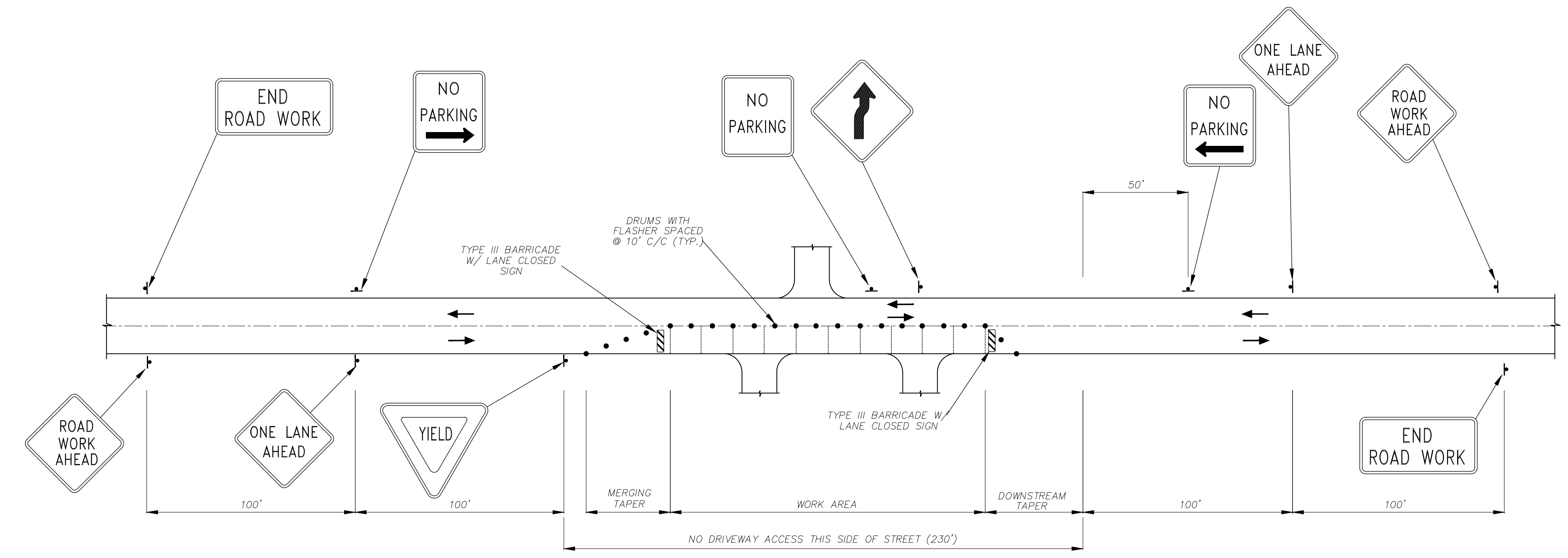
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| ST. BERNARD PARISH GOVERNMENT |
| STANDARD DETAIL PLANS |
| ROADWAY CONNECTION DETAILS |
| RESIDENTIAL |

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| SHEET | 15 OF 17 |

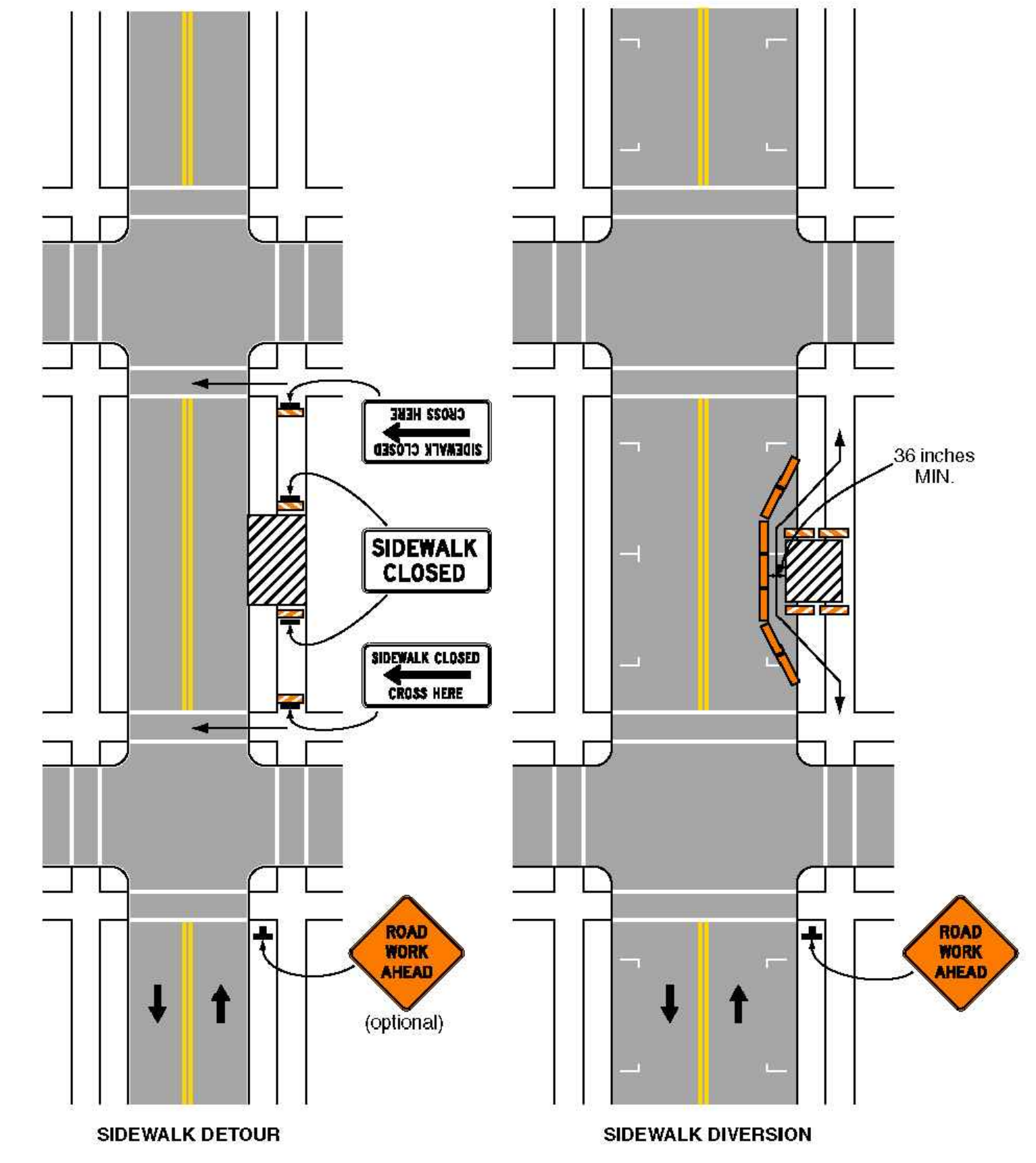
Figure 6H-28. Sidewalk Detour or Diversion (TA-28)



MINIMAL TEMPORARY TRAFFIC CONTROL FOR TWO-WAY TRAFFIC ON A TWO-WAY STREET (SEGMENT GREATER THAN 600') N.T.S.

PLAN NOTES:

- 1) THE TEMPORARY TRAFFIC CONTROL PLANS ON THIS SHEET ARE ONLY TO SERVE AS THE MINIMUM REQUIRED. THE CONTRACTOR SHALL OBTAIN A TRAFFIC CONTROL PLAN FROM A QUALIFIED TRAFFIC CONTROL ENGINEER. QUALIFICATIONS FOR THE TRAFFIC CONTROL ENGINEER SHALL INCLUDE AT LEAST FOUR (4) YEARS OF TRAFFIC ENGINEERING EXPERIENCE AND STATE OF LOUISIANA PROFESSIONAL REGISTRATION. THIS TRAFFIC CONTROL PLAN SHALL HAVE BEEN REVIEWED AND APPROVED BY THE ST. BERNARD PARISH TRAFFIC DIVISION PRIOR TO CONSTRUCTION.
- 2) THE DESIGN AND APPLICATION OF ALL TAPERS, DISTANCES, PAVEMENT MARKINGS, CHANNELIZATION DEVICES AND WARNING SIGNS SHALL CONFORM TO "THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES," LATEST EDITION.



Typical Application 28

Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

Notes for Figure 6H-28—Typical Application 28
Sidewalk Detour or Diversion

Standard:

1. When crosswalks or other pedestrian facilities are closed or relocated, temporary facilities shall be detectable and shall include accessibility features consistent with the features present in the existing pedestrian facility.

Guidance:

2. Where high speeds are anticipated, a temporary traffic barrier and, if necessary, a crash cushion should be used to separate the temporary sidewalks from vehicular traffic.
3. Audible information devices should be considered where midblock closings and changed crosswalk areas cause inadequate communication to be provided to pedestrians who have visual disabilities.

Option:

4. Street lighting may be considered.
5. Only the TTC devices related to pedestrians are shown. Other devices, such as lane closure signing or ROAD NARROWS signs, may be used to control vehicular traffic.
6. For nighttime closures, Type A Flashing warning lights may be used on barricades that support signs and close sidewalks.
7. Type C Steady-Burn or Type D 360-degree Steady-Burn warning lights may be used on channelizing devices separating the temporary sidewalks from vehicular traffic flow.
8. Signs, such as KEEP RIGHT (LEFT), may be placed along a temporary sidewalk to guide or direct pedestrians.

TYPICAL SIDEWALK DETOUR PLAN
(MUTCD TA-28)



PROJECT NAME :

PROJECT NUMBER:

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| DATE DRAWN BY SCALE: | 10.28.2019 MFIAR NTS | ST. BERNARD PARISH GOVERNMENT STANDARD DETAIL PLANS TRAFFIC CONTROL DETAILS | | APPROVED BY | DRAWING NUMBER |
| FILENAME: | S:\Public Works Shared\St. Bernard Standard Details | | | DATE | SD - 16 |
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1 GENERAL NOTES

1. MEANS AND METHODS.
THESE DRAWINGS REPRESENT THE STRUCTURAL COMPONENTS IN THEIR FINAL AND FINISHED STATE. CONSTRUCTION PROCEDURES, BRACING METHODS, SAFETY PRECAUTIONS AND MECHANICAL REQUIREMENTS USED TO INSTALL THEM ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR OR SUBCONTRACTOR DOING THE WORK.

2. DISCREPANCIES.
IN CASE OF DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS, REFERRALS STANDARDS, ETC., THE ARCHITECT/ENGINEER (A/E) SHALL DETERMINE WHICH SHALL GOVERN. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE A/E BEFORE PROCEEDING WITH THE WORK. FOR ANY DISCREPANCIES FOUND IN THE CONTRACT DOCUMENT & NOT BROUGHT TO THE ATTENTION OF THE A/E, IT SHALL BE ASSUMED THAT THE CONTRACTOR HAS INCLUDED IN THE PRICE, THE MOST EXPENSIVE WAY TO COMPLETE THE WORK.

3. DRILLING HOLES FOR ANCHORS AND CORING HOLES.
IN EXISTING CONCRETE.
A. PRIOR TO DRILLING OR CORING HOLES, THE CONTRACTOR SHALL LOCATE EXISTING REINFORCING STEEL, POST-TENSIONING, CONDUIT, PIPING, ETC. IN THE AREA WHERE NEW HOLES ARE TO BE INSTALLED THROUGH NON-DESTRUCTIVE TESTING SUCH AS WITH AN X-RAY, RADAR, OR WITH OTHER NON-DESTRUCTIVE DEVICES.
B. MARK THE LOCATION & EXTENTS OF ALL REINFORCING STEEL, POST-TENSIONING, CONDUIT, PIPING, AND OTHER EXISTING INTERFERENCES ON THE SURFACE OF THE SLAB.
C. IF NEW HOLE LOCATIONS CONFLICT WITH EXISTING EMBEDDED ELEMENTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER BEFORE INSTALLING THE NEW HOLES.
D. VERIFY NO CONFLICTS EXIST AT NEW HOLE LOCATIONS BY SMALL DRILLED PILOT HOLES. IF NO CONFLICTS EXIST, COMPLETE THE INSTALLATION. IN THE CASE OF STEEL TO BE FASTENED TO THE CONCRETE WITH MULTIPLE ANCHORS, FABRICATE, FROM A FIELD TEMPLATE, THE STEEL TO BE FASTENED TO THE CONCRETE BY THE ANCHORS AND COMPLETE THE INSTALLATION.
E. WHEN INSTALLING NEW HOLES, CARE SHALL BE EXERCISED SO AS NOT TO NICK OR CUT EXISTING EMBEDDED ELEMENTS.

4. VAPOR BARRIER.
A. UNLESS OTHERWISE STATED IN SPECIFICATIONS, PROVIDE OPAQUE 15 MIL POLYETHYLENE VAPOR BARRIER CONFORMING TO ASTM E1745 ON TOP OF FILL UNDER ALL INTERIOR SLABS AND BEAMS. OMIT ON TOP OF PILES.
B. FOLLOW MANUFACTURER'S RECOMMENDATIONS AND USE MANUFACTURER'S RECOMMENDED ADHESIVE AND PRESSURE-SENSITIVE TAPE FOR SEALING HOLES AND JOINTS IN VAPOR BARRIER.
C. SHALL BE NEATLY PLACED, FOLDED UP TO THE BOTTOM OF THE SLAB AND BEAMS, AND BE IN INTIMATE CONTACT WITH THE FILL.

5. PILES.
WOOD-CONCRETE COMPOSITE PILES
A. TIP PENETRATION BELOW FIRST FLOOR ELEVATION: 76 IN.
B. LOWER TIMBER SECTION:
1. TYPE: UNTREATED TIMBER PILE, ASTM D25
2. MINIMUM TIP DIAMETER: 7"
3. MINIMUM DIAMETER 3'-0" FROM BUTT: 13"
4. LENGTH: 60 FT.
C. CONCRETE UPPER SECTION:
1. TYPE: CAST-IN-PLACE CONCRETE
2. STRENGTH: 3000 PSI @ 28 DAYS
3. LENGTH AS REQUIRED TO EXTEND FROM BUTT OF TIMBER LOWER SECTION TO CUT-OFF ELEVATIONS
D. PREDRILL: 7/8" Ø, 3-BLADE DEMON WET-ROTARY BIT
E. HAMMER: VULCANO, 1 (115,000 FT.-LBS)
F. EXPLORATORY PILES: 10 (9 SHOWN, 1 TBD)
G. LOAD TEST: 17 TONS
H. DESIGN LOAD: 17 TONS

6. CONCRETE.
A. ACI 301-10 SPECIFICATIONS
B. NORMAL WEIGHT CONCRETE: 150 PCF
C. LIGHTWEIGHT CONCRETE: 115 PCF
D. COMPRESSIVE STRENGTH AT 28 DAYS: 4,000 PSI

7. REINFORCING STEEL.
A. REINFORCING BARS: ASTM A615, GRADE 60 OR 75
B. WELDABLE REINFORCING BARS: ASTM A706, GRADE 60
C. WELDED WIRE MESH: ASTM A1064

8. REINFORCING CLEARANCES REQUIRED FOR STRUCTURALLY SUPPORTED CONCRETE ARE AS FOLLOWS:
ACI 117 STANDARDS, UNLESS SPECIFICALLY NOTED OR SHOWN ON THE DRAWINGS, REINFORCING CLEARANCES SHALL BE AS FOLLOWS:
A. SLABS: 3/4" CLEAR TOP & BOTTOM FORMED.
1. CLEAR ABOVE TOP OF FORMED.
B. BEAMS: 1 1/2" CLEAR BOTTOM FORMED, 3" CLEAR BOTTOM CAST ON EARTH, 1 1/2" CLEAR SIDES AND TOP FORMED, 3" CLEAR SIDES EARTH FORMED, 1 1/2" CLEAR TOP.
C. COLUMNS: 1 1/2" CLEAR, TYPICAL.
D. WALLS: 1 1/2" CLEAR, TYPICAL.

9. REINFORCING DETAILS FOR STRUCTURALLY SUPPORTED CONCRETE:
ACI 315 STANDARDS, UNLESS SPECIFICALLY NOTED OR SHOWN ON THE DRAWINGS, BAR LAPS AND CONFIGURATIONS SHALL BE AS FOLLOWS:
A. TOP BARS: HOOK AT NON-CONTINUOUS ENDS, LAP 30 DIAS AT MID-SPAN FOR CONTINUOUS REINFORCING NOTED ON THE CONSTRUCTION DOCUMENTS AS FULLY CONT. SEE NOTE "F".
B. BOTTOM BARS: LAP 6" AT CENTER OF SUPPORT.
C. TEMPERATURE REINFORCING IN SLAB AND INTERMEDIATE HORIZONTAL BARS IN WALLS AND BEAMS: TENSION LAP SPLICES, SEE NOTE "F".
D. SLAB TOP REINFORCING SUPPORT BARS: SLAB TOP REINFORCING BARS LESS THAN 6 FEET IN LENGTH SHALL HAVE 2#4 CONT. SUPPORT BARS AND SLAB TOP REINFORCING BARS GREATER THAN 6 FEET IN LENGTH SHALL HAVE #4 SUPPORT BARS EQUALLY SPACED AT NO MORE THAN 4'-0" O.C.
E. CORNER BARS: PROVIDE CORNER BARS AT EACH OUTSIDE CORNER FOR EACH HORIZONTAL BAR IN WALLS AND BEAMS. CORNER BARS SHALL LAP WITH HORIZONTAL BARS. PROVIDE "U" BARS AT WALL ENDS. LAP #3 TO #6 BARS 30" EACH WAY AND LAP #7 TO #11 BARS 48" EACH WAY. HOOK INSIDE BARS IN WALLS AT ENDS.
F. LAP SPLICE TABLE FOR FULLY CONTINUOUS REINFORCING:

10. CONDUITS AND PIPES EMBEDDED IN CONCRETE.
A. CONDUITS, PIPES, AND SLEEVES OF ANY MATERIAL NOT HARMFUL TO CONCRETE SHALL BE PERMITTED TO BE EMBEDDED IN CONCRETE WITH APPROVAL OF THE ENGINEER, PROVIDED THAT REGULATIONS ARE FOLLOWED AS OUTLINED IN THE APPLICABLE ACI CODES.
B. CONDUITS, PIPES, AND SLEEVES PASSING THROUGH A SLAB OR BEAM SHALL NOT SIGNIFICANTLY IMPAIR THE STRENGTH OF CONSTRUCTION AS DETERMINED BY THE ENGINEER.
C. SINGLE CONDUITS AND PIPES OR INTERSECTING CONDUITS AND PIPES SHALL NOT OCCUPY MORE THAN AN 1/12" OF SLAB THICKNESS AND 1/3 THE OVERALL THICKNESS OF BEAMS IN WHICH THEY ARE EMBEDDED, AND THEY SHALL NOT BE SPACED CLOSER THAN THREE DIAMETERS OR WIDTHS ON CENTER. ANY CONDUIT OR PIPE LARGER SHALL BE LOCATED BELOW THE RESPECTIVE SLAB OR BEAM. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL, A DIAGRAM DEPICTING THE HOME RUNS OF CONDUIT TO ALL PANELS, TYPICAL.
D. IT WILL NOT BE PERMITTED TO CUT, BEND, OR DISPLACE THE REINFORCING STEEL FROM ITS PROPER LOCATION IN ORDER TO INSTALL CONDUITS AND PIPES.
E. COORDINATION MUST BE MADE BY THE CONTRACTOR AT HIS EXPENSE TO FOLLOW THE ABOVE GUIDELINES.

11. STRUCTURAL STEEL.
A. A.I.S.C. SPECIFICATIONS: STEEL CONSTRUCTION MANUAL, 14TH EDITION; ALL WIDE FLANGE SHAPES ASTM A992 GRADE 50, ALL MISCELLANEOUS SHAPES ASTM A36, HSS SHAPES ASTM A500 GRADE B Fy=48 ksi, STEEL PIPE ASTM A53 GRADE B Fy=35 ksi, HIGH STRENGTH BOLTS A325, 3/4" MIN. EXCEPT AS NOTED OTHERWISE, ANCHOR RODS AND BOLTS ASTM F1554 GRADE 36 EXCEPT AS NOTED OTHERWISE, HEADED CONCRETE ANCHOR (H.C.A.) PER A.I.S.C. SPECIFICATION D1.1, DEFORMED BAR ANCHOR (D.B.A.) ASTM A996, E-70 ELECTRODES.
B. ALL BEAM CONNECTIONS SHALL BE A.I.S.C. STANDARD FRAMED CONNECTIONS. SHOP CONNECTIONS SHALL BE WELDED. FIELD CONNECTIONS SHALL BE BOLTED, EXCEPT CONNECTIONS TO EXISTING CONSTRUCTION SHALL BE WELDED. CONNECTIONS NOT SCHEDULED OR DETAILED OTHERWISE TO BE DESIGNED FOR 1/2 UNIFORM LOAD BEAM CAPACITY FOR PROPER BEAM SPAN AND 2/3 UNIFORM LOAD BEAM CAPACITY FOR PROPER BEAM SPAN FOR COMPOSITE BEAMS.
C. ALL STRUCTURAL STEEL ITEMS AND RESPECTIVE ANCHORS AND FASTENERS PERMANENTLY EXPOSED TO WEATHER SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123. PROVIDE VENT HOLES AS REQUIRED. TOUCH UP ALL DAMAGED COATING WITH HOT STICK GALVANIZING PER ASTM A780. SEE ARCHITECT FOR PAINTING.

12. METAL ROOF DECK.
1.5820 GALVANIZED STEEL ROOF DECK BY VULCRRAFT OR APPROVED EQUAL. DECK TO BE CONTINUOUS OVER 3 OR MORE SPANS.
A. DECK PROPERTIES:
1. DEPTH: 1 1/2"
2. GAGE: 20
3. MIN. SECTION MODULUS (POSITIVE): 0.234 IN³/PER FT.
4. MIN. SECTION MODULUS (NEGATIVE): 0.247 IN³/PER FT.
5. MIN. MOMENT OF INERTIA (POSITIVE): 0.201 IN⁴/PER FT.
6. MIN. MOMENT OF INERTIA (NEGATIVE): 0.222 IN⁴/PER FT.
7. DESIGN THICKNESS: 0.026"
8. ALLOWABLE STRESS: 33 KSI
B. DECK FASTENING PATTERN:
1. SUPPORT FASTENERS: 5/8" VISIBLE DIAMETER ARC SPOT WELD
2. SUPPORT FASTENER PATTERN: 367
3. SIDELAP FASTENERS: #10 TEK @ 12"

13. OPEN WEB STEEL JOISTS AND JOIST GIRDERS.
A. OPEN WEB STEEL JOISTS AND JOIST GIRDERS SHALL CONFORM TO LATEST EDITIONS OF S.J.I. STANDARD SPECIFICATIONS AND CODE OF STANDARD PRACTICE FOR STEEL JOIST AND JOIST GIRDERS.
B. BASIS OF DESIGN ASD
C. BEARING SEAT MINIMUM CONNECTIONS TO SUPPORTING STRUCTURE:
1. K-SERIES JOISTS: 2'-2" LONG, 1/8" FILLET WELDS, 4" TOTAL
2. LH/DLH SERIES JOISTS: 2'-2" LONG, 1/4" FILLET WELDS, 4" TOTAL
3. JOIST GIRDERS: SEE DRAWINGS
D. BRIDGING/ULTRIFIT DESIGN:
1. PROVIDE ALL BRIDGING AND BRACING, INCLUDING THE BRIDGING AND BRACING AT THE FIRST BOTTOM CHORD PANEL POINT AT EACH END OF THE JOIST REQUIRED FOR UPLIFT DESIGN, AS REQUIRED BY S.J.I. SPECIFICATIONS. ALL BRIDGING AND BRACING SHALL BE FIELD WELDED UNLESS NOTED OTHERWISE. ALL CONTINUOUS BRIDGING AND BRACING MUST BE CONNECTED TO ALL AND ANY BEAMS AND STRUCTURAL WALLS WHICH ARE PARALLEL TO JOISTS. SEE DRAWINGS FOR TYPICAL BRIDGING TERMINATION CONNECTION DETAILS.
2. JOISTS AND BRIDGING AT ROOF SHALL BE DESIGNED FOR A NET UPLIFT. THE NET UPLIFT LOAD COMBINATION SHALL BE CALCULATED BY SUBTRACTING 6 PSF FROM THE APPROPRIATE VALUE (BASED ON EFFECTIVE WIND AREA (EWA) AND ZONE) TAKEN FROM THE WIND CHART REFERENCED UNDER THE DESIGN LOADS. SEE GENERAL NOTE 18 AND ROOF WIND ZONE DIAGRAM DETAIL.
3. THE MANUFACTURER SHALL FURNISH COMPLETE DESIGN CALCULATIONS TO THE ARCHITECT FOR RECORD PURPOSES.

14. MECHANICAL EQUIPMENT.
A. PRIOR TO THE DETAILING OF ANY STRUCTURAL MATERIALS INVOLVED IN THE SUPPORT OF MECHANICAL EQUIPMENT, THE CONTRACTOR SHALL FURNISH TO THE ARCHITECT ALL INFORMATION RELATIVE TO LOADS, LOAD POINTS, DIMENSIONS, ETC. OF THE ACTUAL EQUIPMENT WHICH IS TO BE FURNISHED.
B. ALL DECKS AND MEMBER SIZES SHOWN ON THE STRUCTURAL DRAWINGS ARE TENTATIVE UNTIL SUCH TIME AS THIS INFORMATION IS REVIEWED BY THE ARCHITECT.
C. LOCATION OF SUPPORT BEAMS MUST BE COORDINATED WITH MECHANICAL EQUIPMENT LOCATIONS.
D. COORDINATION MUST BE MADE BY THE CONTRACTOR AT HIS EXPENSE TO FOLLOW THE ABOVE GUIDELINES.

15. POST-INSTALLED ANCHORS TO HARDENED CONCRETE.
A. IN THE INSTALLATION OF ANCHORS, CARE SHALL BE EXERCISED SO AS NOT TO NICK OR CUT EXISTING REINFORCING, CONDUIT, ETC. SEE GENERAL NOTE 3 FOR PROCEDURE FOR DRILLING HOLES IN EXISTING CONCRETE.
B. UNLESS NOTED OTHERWISE, POST-INSTALLED ANCHORS SHALL CONSIST OF THE FOLLOWING ANCHOR TYPES AS PROVIDED BY HILTI, INC. OR APPROVED EQUIPMENT:
1. ANCHORAGE TO CONCRETE:
A. ADHESIVE ANCHORS: HILTI HIT-HY 200 SAFE SET SYSTEM WITH HAS-E THREADED ROD.
B. REBAR DOWELING: HILTI HIT-HY 200 SAFE SET SYSTEM.
C. EXPANSION ANCHORS: HILTI KWIK BOLT 3
2. ANCHORAGE TO SOLID GROUTED MASONRY: HILTI HIT-HY 270 MASONRY ADHESIVE ANCHORING SYSTEM
3. ANCHORAGE TO HOLLOW / MULTI-WYTHE MASONRY: HILTI HIT-HY 270 MASONRY ADHESIVE ANCHORING SYSTEM
C. INSTALL ANCHORS AS PER THE MANUFACTURER'S INSTRUCTIONS, AS INCLUDED IN THE ANCHOR PACKAGING.
D. OVERHEAD ADHESIVE ANCHORS MUST BE INSTALLED USING THE HILTI PROFIS SYSTEM.
E. THE CONTRACTOR SHALL ARRANGE AN ANCHOR MANUFACTURER'S REPRESENTATIVE TO PROVIDE ON-SITE INSTALLATION TRAINING FOR ALL OF THEIR ANCHORING PRODUCTS SPECIFIED. THE STRUCTURAL ENGINEER OF RECORD MUST RECEIVE DOCUMENTED CONFIRMATION THAT ALL OF THE CONTRACTOR'S PERSONNEL WHO INSTALL ANCHORS ARE TRAINED PRIOR TO THE COMMENCEMENT OF INSTALLING ANCHORS.
F. ANCHOR CAPACITY IS DEPENDANT UPON SPACING BETWEEN ADJACENT ANCHORS AND PROXIMITY OF ANCHORS TO EDGE OF CONCRETE. INSTALLATION OF ANCHORS SHALL BE IN ACCORDANCE WITH SPACING AND EDGE CLEARANCES INDICATED ON THE CONTRACT DRAWINGS.

16. OTHER WORK.
COORDINATE ALL OTHER WORK WITH STRUCTURAL. UNLESS DETAILED OR SPECIFIED, THE ARCHITECT IS TO APPROVE ALL OPENINGS, SLEEVES, EMBEDDED ITEMS ETC. INVOLVED IN STRUCTURAL WORK PRIOR TO THEIR BEING SET. DO NOT CUT OR DRILL HOLES IN STRUCTURAL MEMBERS WITHOUT THE APPROVAL OF THE ARCHITECT. ALL SUCH ITEMS SHALL NOT IMPAIR THE STRUCTURAL INTEGRITY OF THE MEMBER AS DETERMINED BY THE ENGINEER OF RECORD.

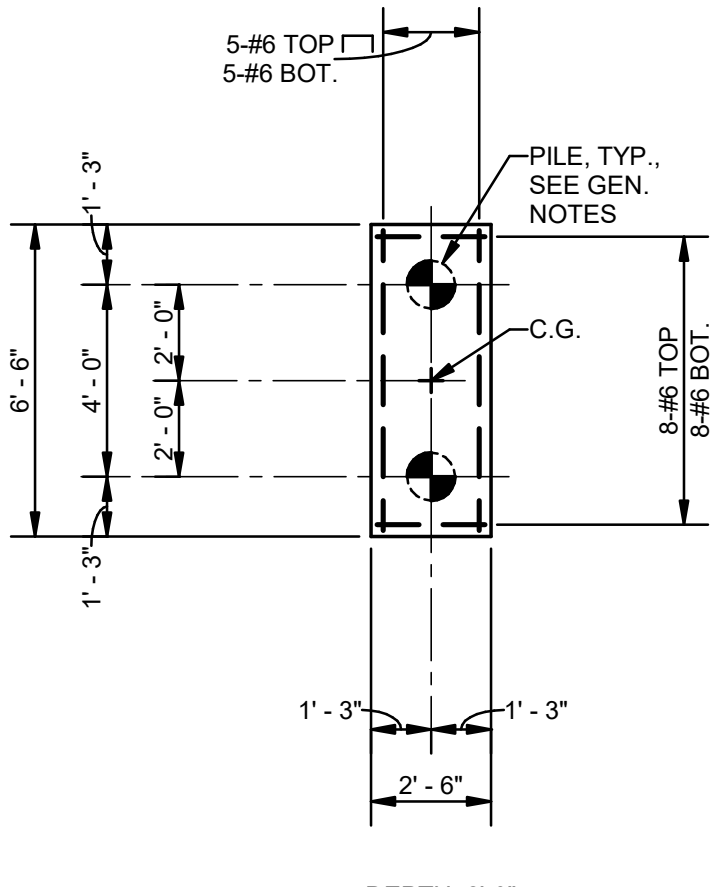
17. CONCRETE MASONRY UNIT CONSTRUCTION.
A. ALL MASONRY CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI 530/530.1-11 BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES.
B. ALL MASONRY UNITS SHALL BE IN ACCORDANCE WITH ASTM C 90 ASSEMBLED CONCRETE MASONRY SHALL ATTAIN AN ULTIMATE NET AREA COMPRESSIVE STRENGTH (m) OF 1,500 PSI.
C. NET AREA COMPRESSIVE STRENGTH OF CONCRETE MASONRY UNITS: 1,900 PSI MIN.
D. ALL MORTAR SHALL BE TYPE S IN CONFORMANCE WITH ASTM C 270.
E. ALL REINFORCING STEEL SHALL BE IN ACCORDANCE WITH ASTM A615, GRADE 60. SEE DETAILS FOR HORIZONTAL AND VERTICAL REINFORCING REQUIREMENTS. VERTICAL REINFORCING SHALL BE POSITIVELY SECURED IN PLACE AT 4'-0" MAX.
F. THE MASONRY CONTRACTOR SHALL BUILD, REINFORCE AND GROUT THE WALLS IN 4'-0" LIFTS (MAX.) VIBRATING THE GROUT IMMEDIATELY AFTER PLACEMENT.
G. ALL REINFORCED CELLS SHALL BE FULLY GROUTED FROM TOP TO BOTTOM. GROUT SHALL BE 3,000 PSI FINE GROUT IN ACCORDANCE WITH ASTM C476.
H. VERTICAL BARS SHALL BE LAP SPICED AS FOLLOWS:

18. DESIGN LOADS AND OTHER PERTINENT DESIGN INFORMATION:
A. BUILDING CODE: INTERNATIONAL BUILDING CODE 2021 / ASCE 7-16
B. FLOOR LIVE LOAD
1. VARIES, SEE 8/5001
C. ROOF LIVE LOAD
1. 20 PSF
D. ROOF SNOW LOAD
1. GROUND SNOW LOAD (Pg) 0 PSF
E. WIND LOAD
1. WIND SPEEDS: Vult = 146 MPH; Vmbd = 129 MPH
2. RISK CATEGORY: II
3. WIND EXPOSURE CATEGORY: B
4. INTERNAL PRESSURE COEFFICIENT: ±0.18
5. EDGE WIND 2' FEET
6. COMPONENTS AND CLADDING PRESSURES:

COMPONENTS AND CLADDING DESIGN PRESSURES (PSF)

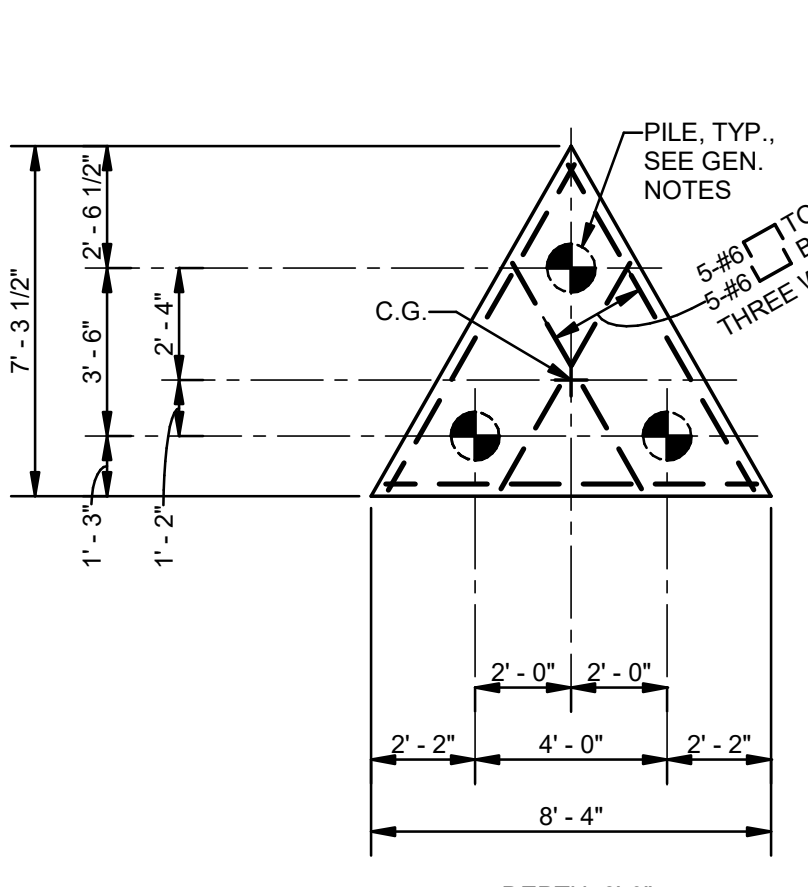
| ZONE | EWA (FT ²) | | | | | OVERLAP | | | | | | |
|------|------------------------|-----|----|------|-----|---------|-----|-----|------|-----|-----|-----|
| | 1 | 2 | 3 | 4 | 5 | 2 | 3 | | | | | |
| ≤10 | 16 | -61 | 16 | -110 | 35 | -37 | -48 | -75 | -104 | | | |
| 20 | 15 | -57 | 15 | -76 | -15 | -99 | 33 | -36 | 35 | -43 | -68 | -92 |
| 50 | 14 | -51 | 14 | -69 | 14 | -85 | 32 | -34 | 34 | -39 | -58 | -76 |
| 100 | 12 | -48 | 12 | -64 | 12 | -76 | 30 | -32 | 32 | -37 | -52 | -64 |
| 200 | 12 | -45 | 12 | -58 | 12 | -66 | 27 | -31 | 31 | -32 | -45 | -52 |
| ≥500 | 12 | -45 | 12 | -55 | 12 | -58 | 26 | -29 | 29 | -36 | -36 | -36 |

NOTES:
1.) EWA IS EFFECTIVE WIND AREA OF A STRUCTURAL COMPONENT.
2.) FOR ZONE DEFINITIONS, SEE ASCE 7-16 FIGURES 60-1.1 TO 60-4.5B.
3.) PLUS AND MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD AND AWAY FROM THE SURFACES, RESPECTIVELY.
4.) WIND PRESSURES ABOVE ARE BASED ON Vult.



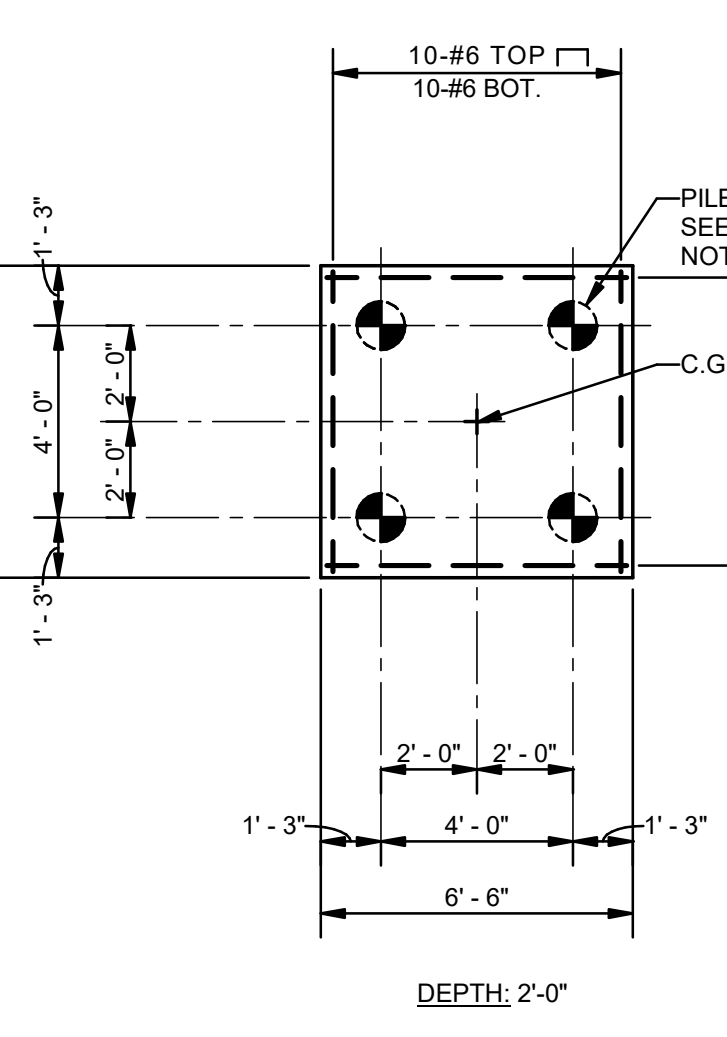
NOTES: UNLESS NOTED OTHERWISE:
1. INDICATES TENSION PILE, TENSION CONNECTION NOT REQUIRED AT 2PA.
2. TOP BARS NOT REQ'D AT 2PA.

2 DETAIL-2 PILE CAP (2PA)(2PT)



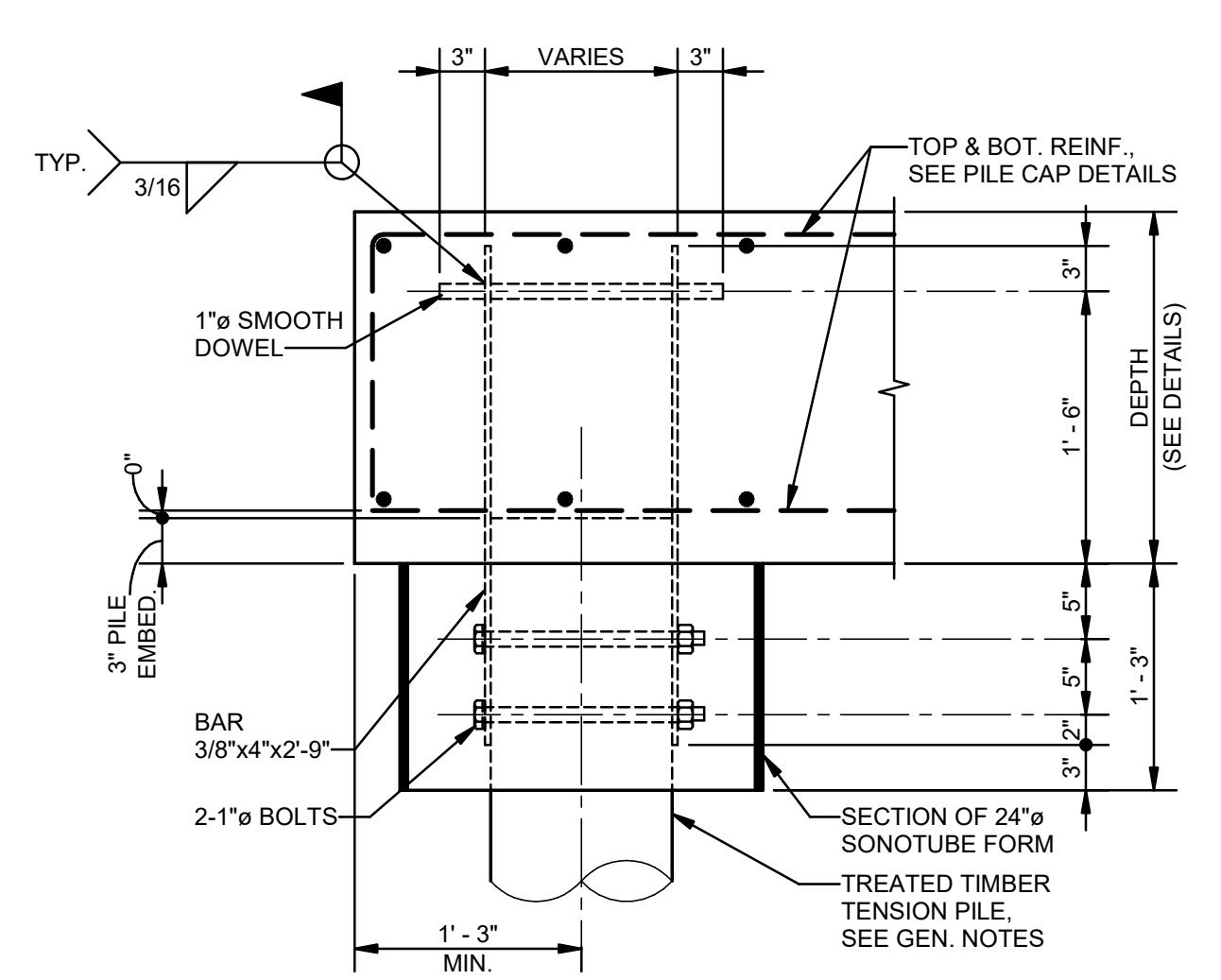
NOTES: UNLESS NOTED OTHERWISE:
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2. TOP BARS NOT REQ'D AT 2PA.

3 DETAIL-3 PILE CAP (3PA)(3PT)



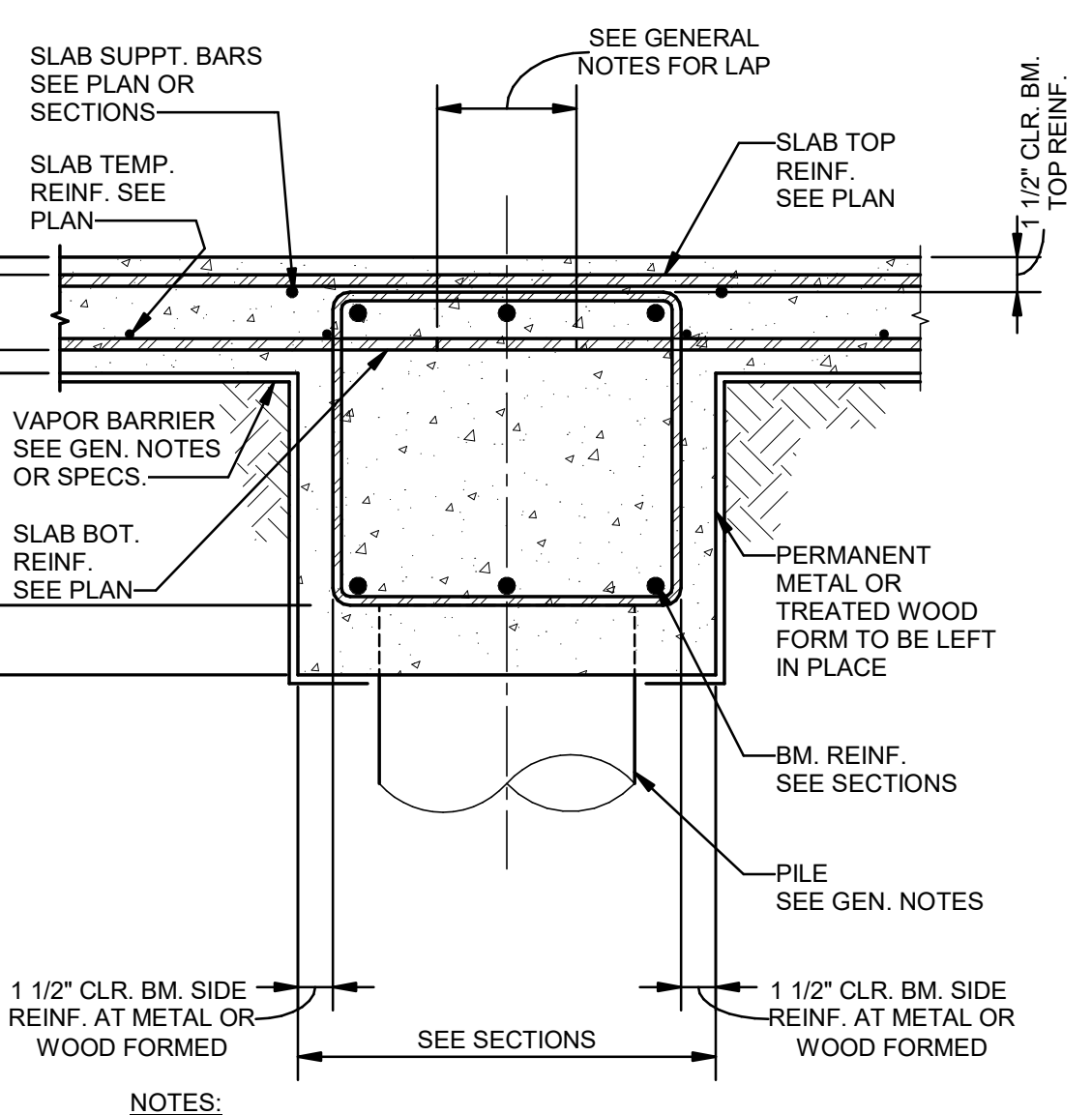
NOTES: UNLESS NOTED OTHERWISE:
1. INDICATES TENSION PILE, TENSION CONNECTION NOT REQUIRED AT 2PA.
2. TOP BARS NOT REQ'D AT 2PA.

4 DETAIL-4 PILE CAP (4PA)(4PT)



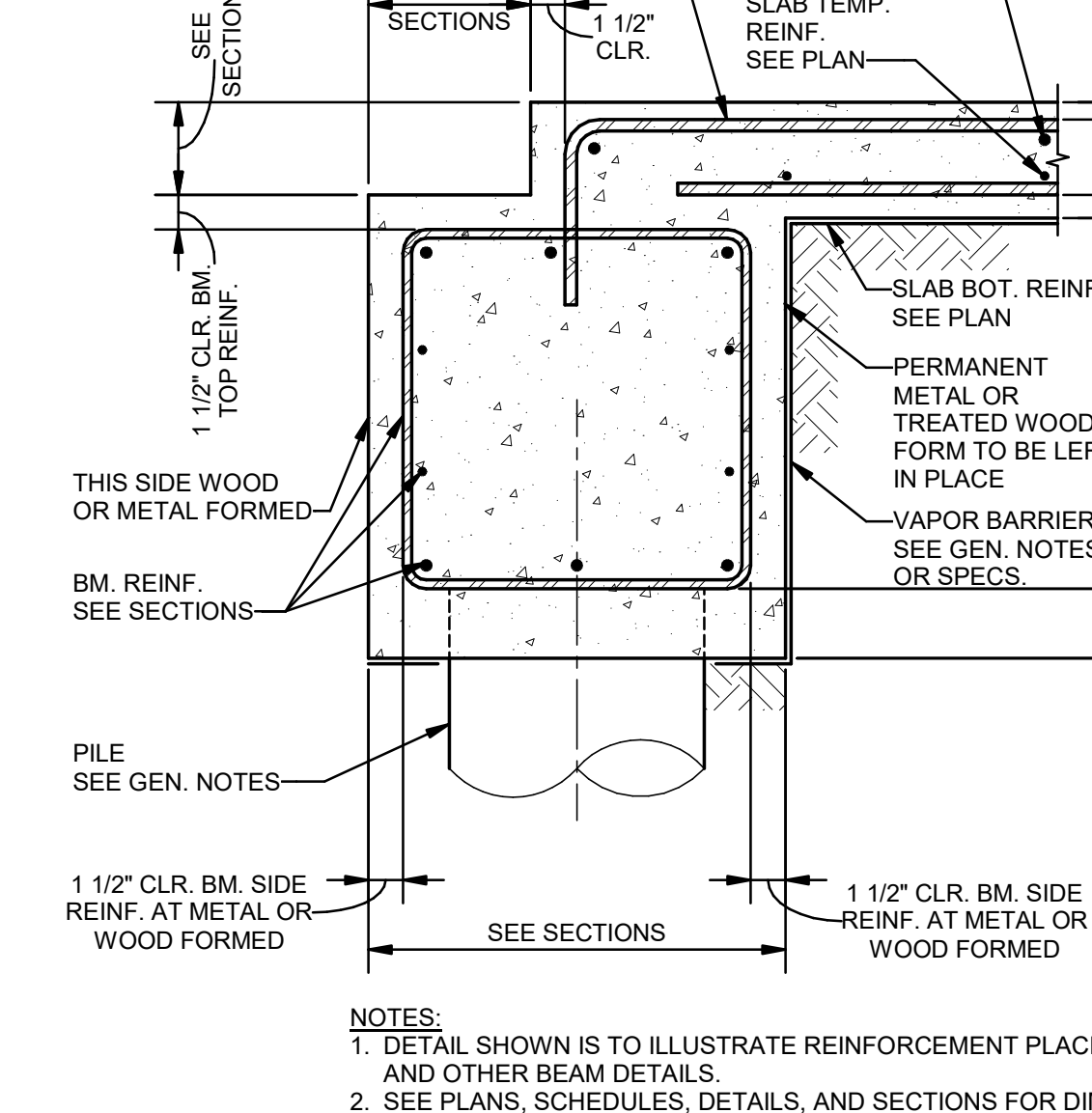
NOTES: UNLESS NOTED OTHERWISE:
1. INDICATES TENSION PILE, TENSION CONNECTION NOT REQUIRED AT 2PA.
2. TOP BARS NOT REQ'D AT 2PA.

5 DETAIL-TREATED TIMBER TENSION PILE



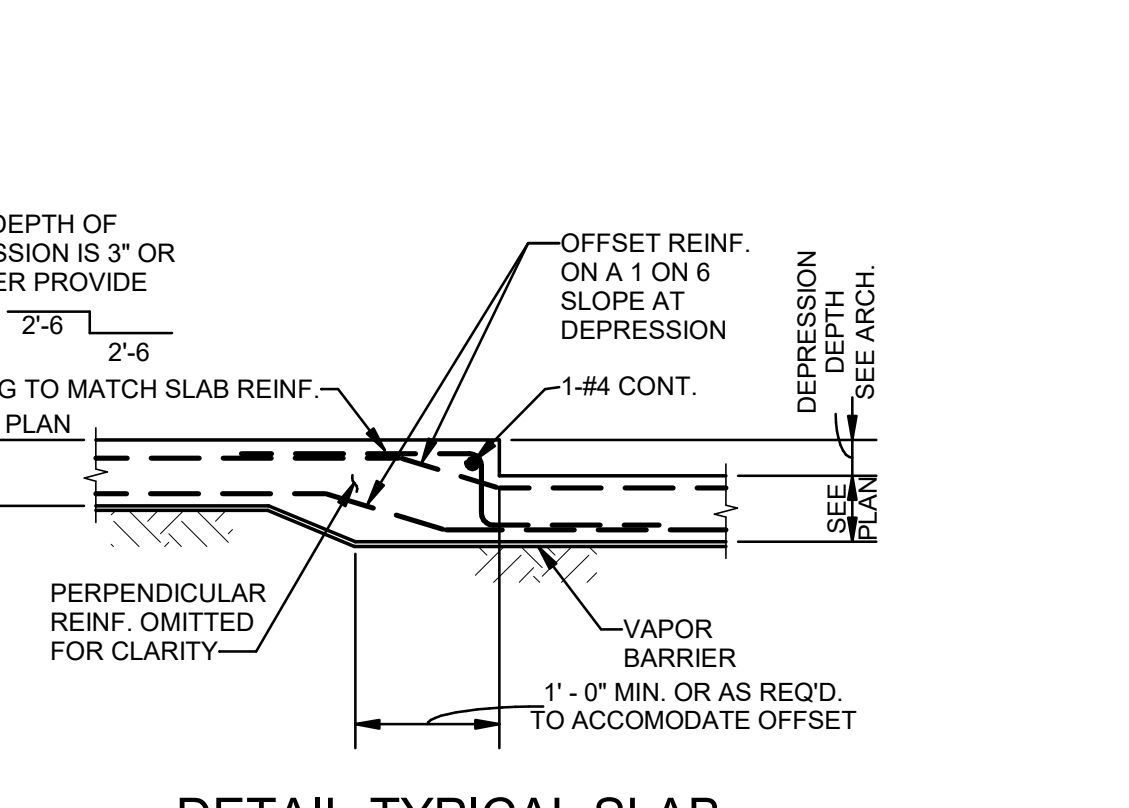
NOTES: UNLESS NOTED OTHERWISE:
1. DETAIL SHOWN IS TO ILLUSTRATE REINFORCEMENT PLACEMENT AND OTHER BEAM DETAILS.
2. SEE PLANS, SCHEDULES, DETAILS, AND SECTIONS FOR DIMENSIONS, ELEVATIONS, AND REINFORCING SIZES AND QUANTITIES.

6 DETAIL-TYPICAL INTERIOR 1ST FLOOR CONCRETE BEAM

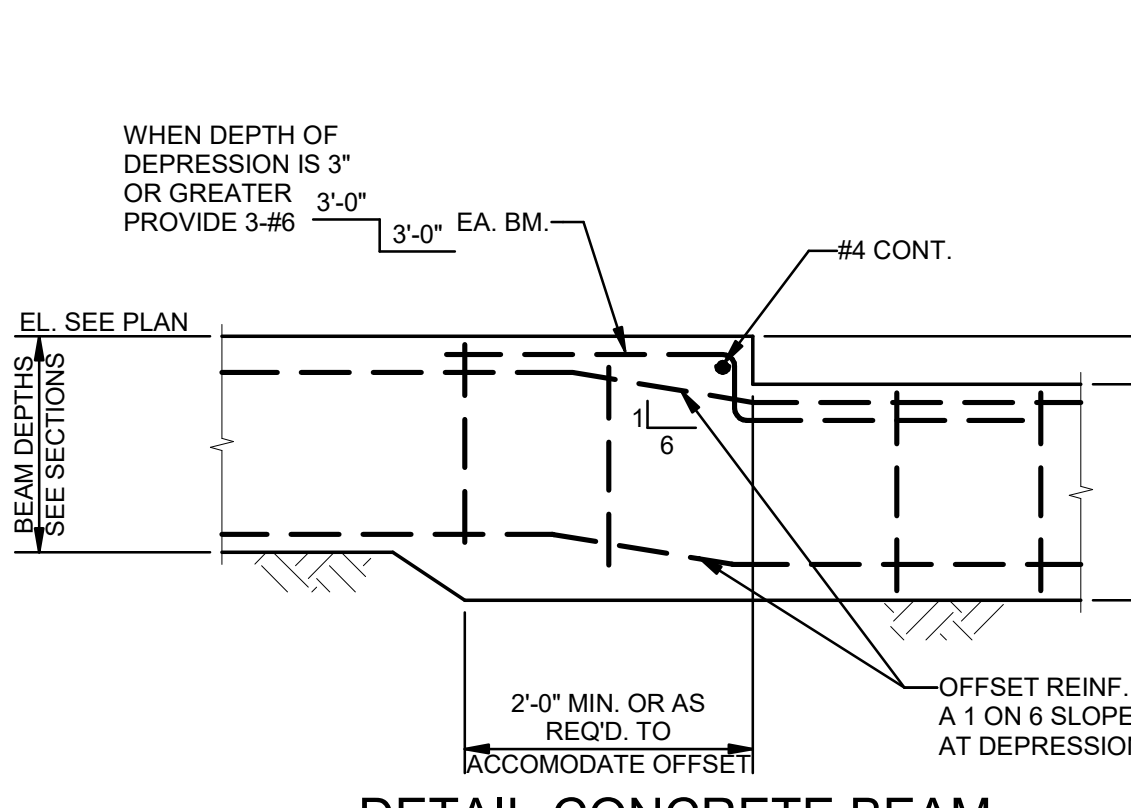


NOTES: UNLESS NOTED OTHERWISE:
1. DETAIL SHOWN IS TO ILLUSTRATE REINFORCEMENT PLACEMENT AND OTHER BEAM DETAILS.
2. SEE PLANS, SCHEDULES, DETAILS, AND SECTIONS FOR DIMENSIONS, ELEVATIONS, AND REINFORCING SIZES AND QUANTITIES.

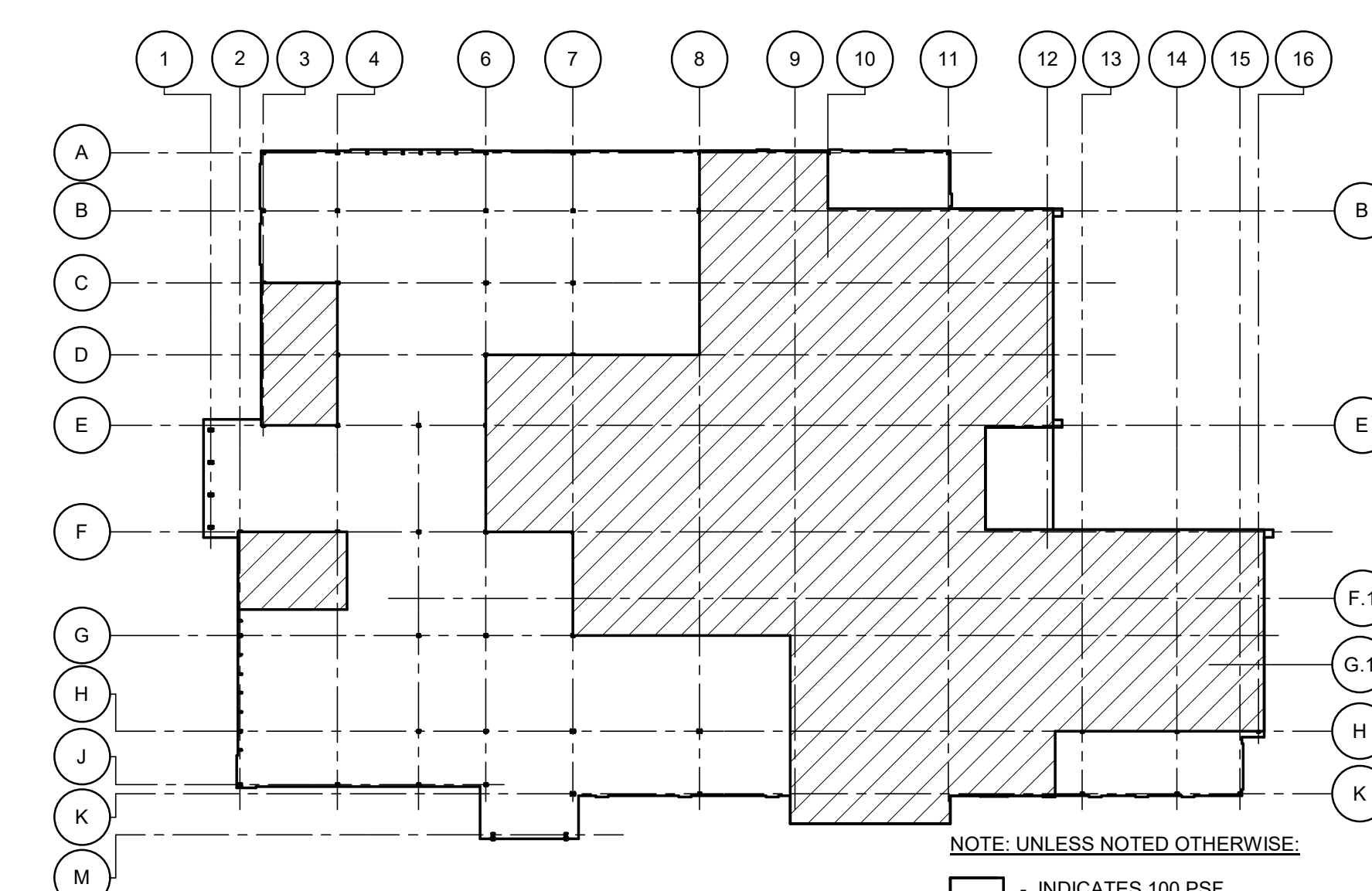
7 DETAIL-TYPICAL EXTERIOR 1ST FLOOR CONCRETE BEAM W/ LEDGE



11 DETAIL-TYPICAL SLAB DEPRESSION

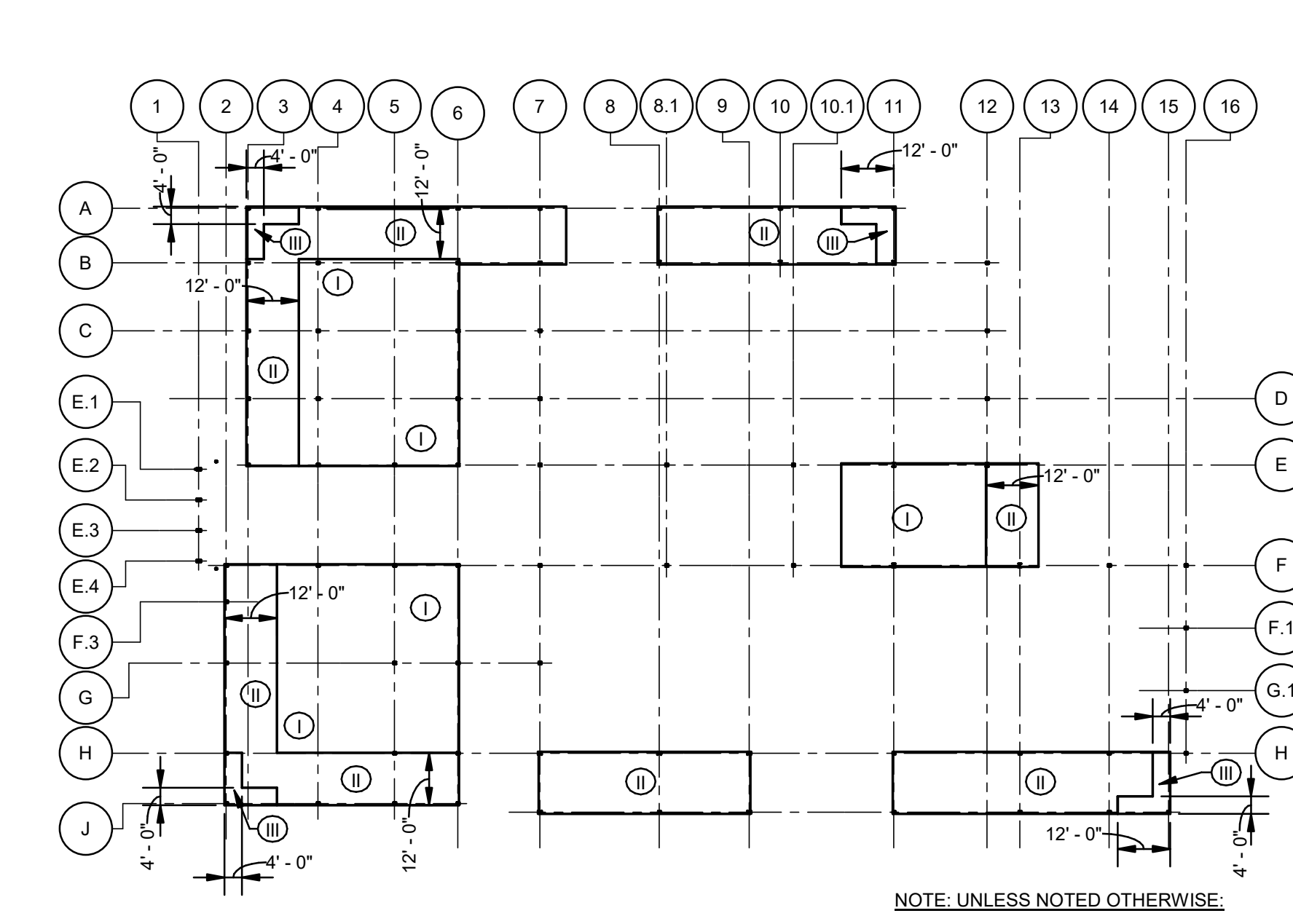


12 DETAIL-CONCRETE BEAM DEPRESSION



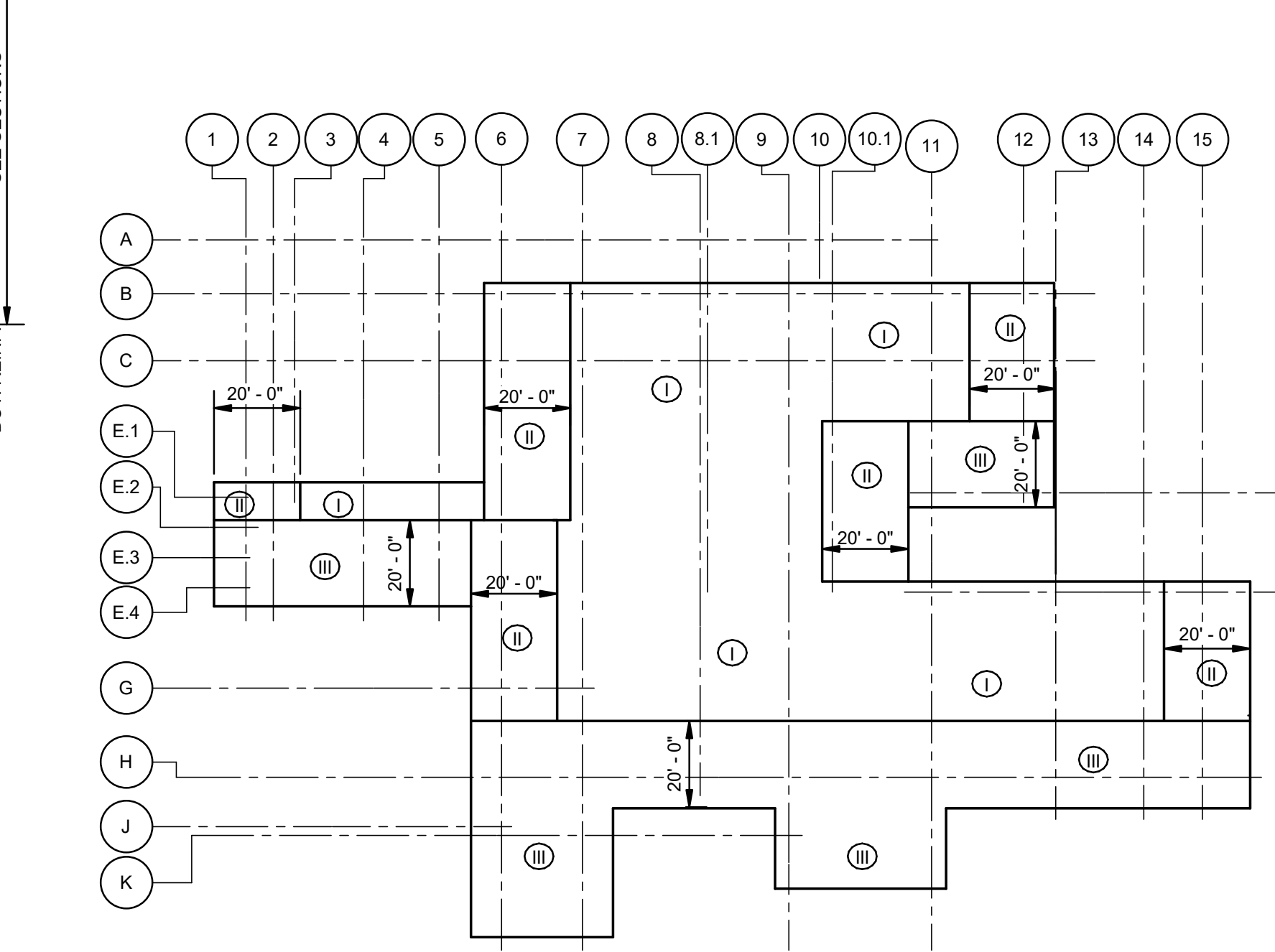
NOTE: UNLESS NOTED OTHERWISE:
- INDICATES 100 PSF DESIGN LIVE LOAD.
- INDICATES 150 PSF DESIGN LOAD.

8 FIRST FLOOR DESIGN LIVE LOAD PLAN



NOTE: UNLESS NOTED OTHERWISE:
I - INDICATES ZONE 1
II - INDICATES ZONE 2
III - INDICATES ZONE 3

9 LOW ROOF WIND ZONE PLAN

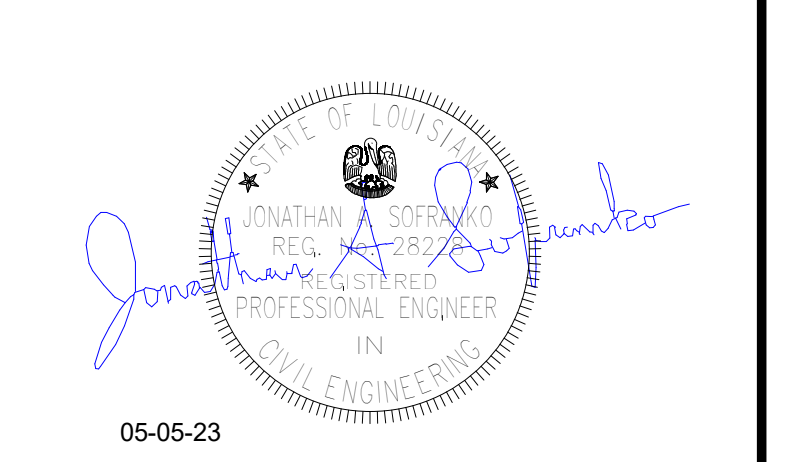


NOTE: UNLESS NOTED OTHERWISE:
I - INDICATES ZONE 1
II - INDICATES ZONE 2
III - INDICATES ZONE 3

10 HIGH ROOF WIND ZONE PLAN

MATERIALS KEYING/ GENERAL NOTES

| No. | Description | Date |
|-----|-------------|----------|
| 1 | 75% CD | 04-02-20 |
| 2 | 95% CD | Date 2 |



Mathes Briere + ARCHITECTS
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New Orleans, Louisiana 70170-4100
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300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

PROJECT TITLE

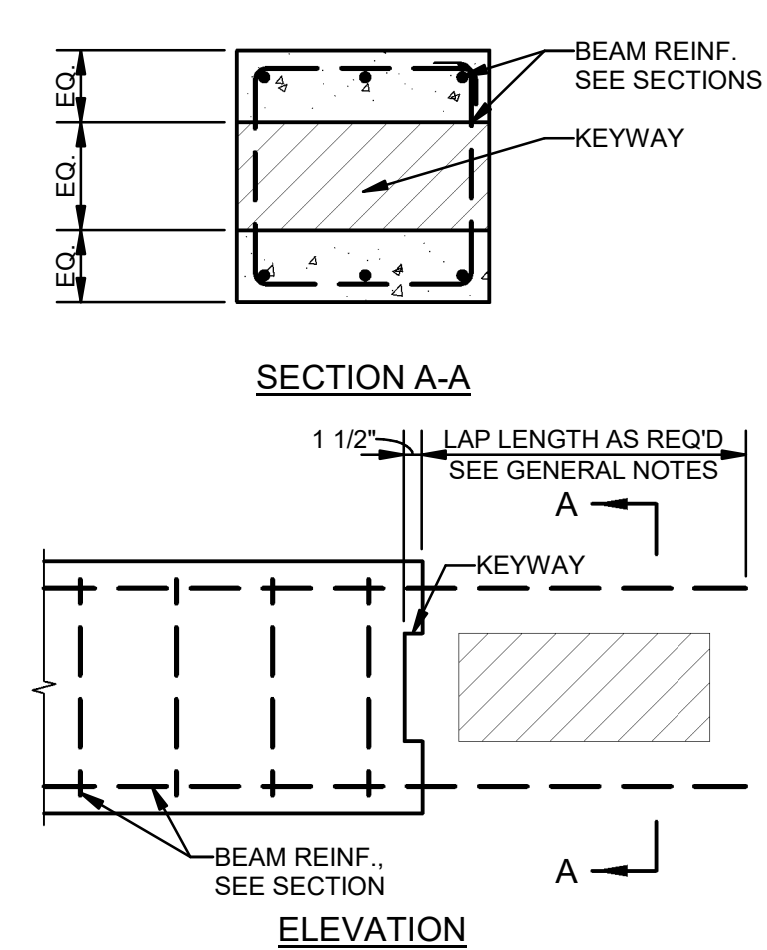
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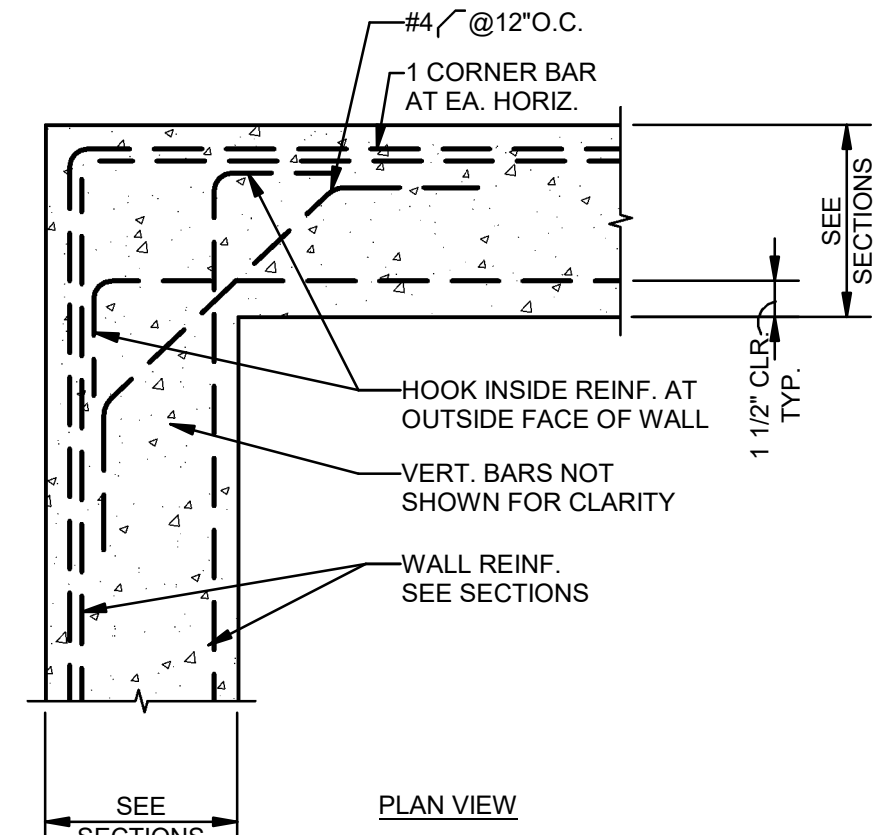
PERMIT DOCUMENTS

| DESIGNED BY | CHECKED BY |
|--------------|-----------------------------------|
| JAS | JAS |
| DRAWN BY | DATE |
| HSB | 05.05.23 |
| SHEET TITLE | GENERAL NOTES AND TYPICAL DETAILS |
| PROJECT NO. | SHEET NO. |
| MBA - 11884 | S001 |
| ABM - 201803 | |

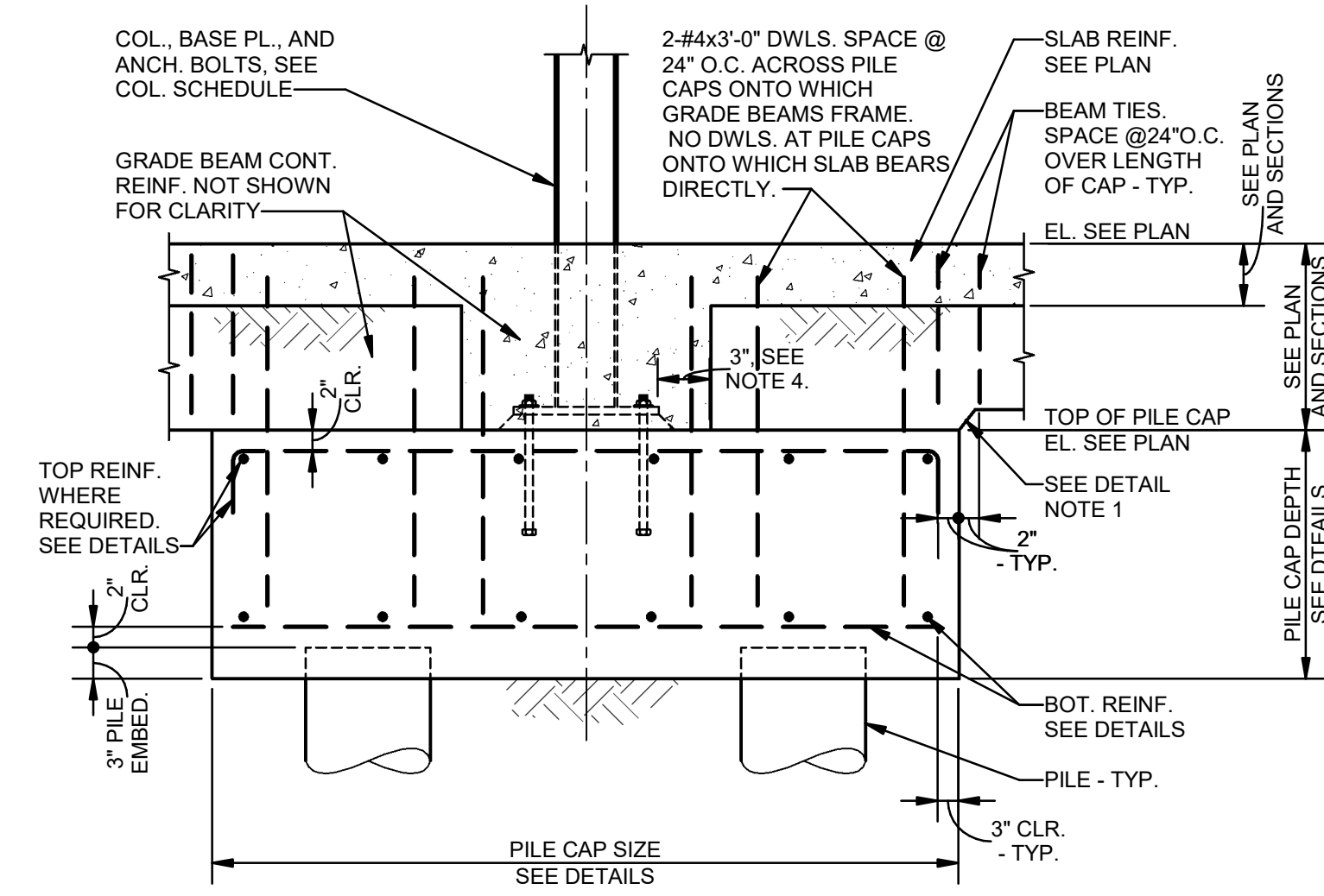
MORPHY MAKOFKY INCORPORATED
CONSULTING ENGINEERS
504.488-1317
308 NO. 19192



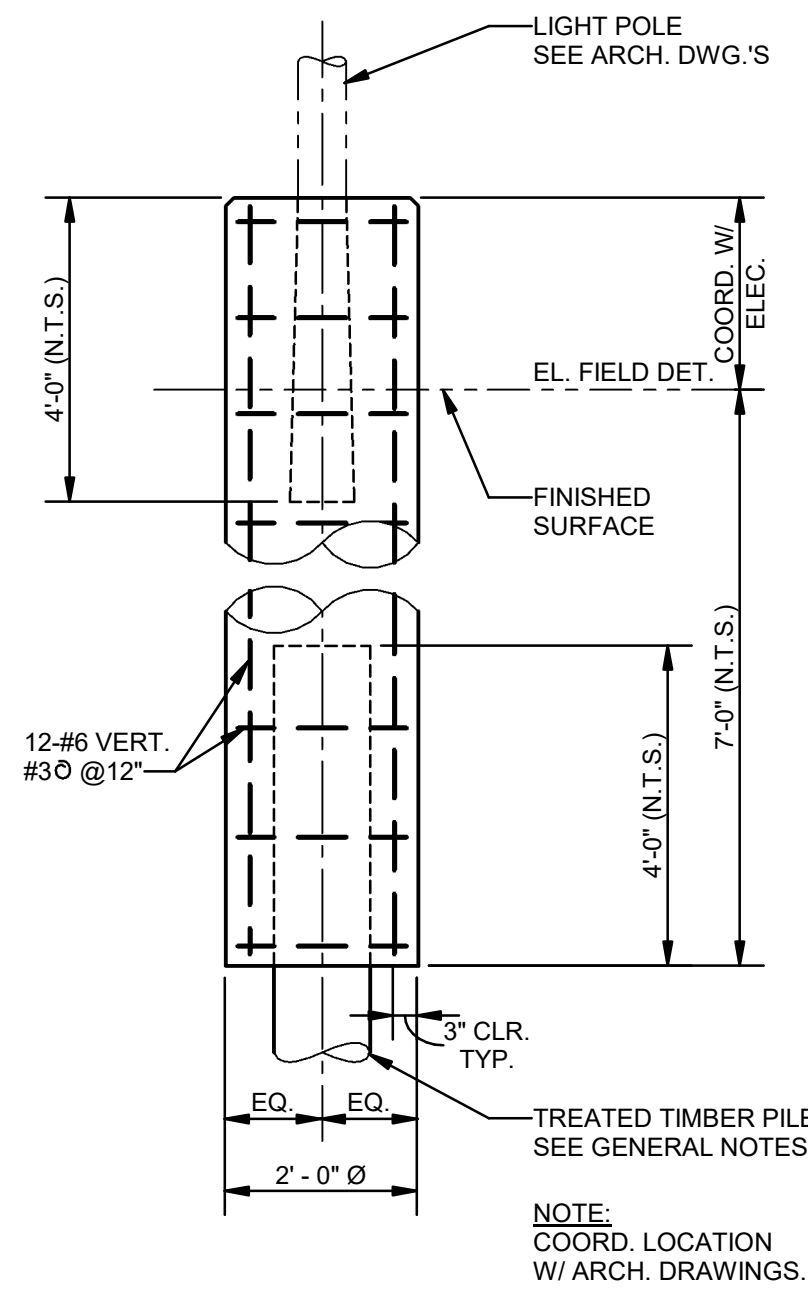
1 DETAIL-TYPICAL CONCRETE BEAM BULKHEAD
S002 NTS



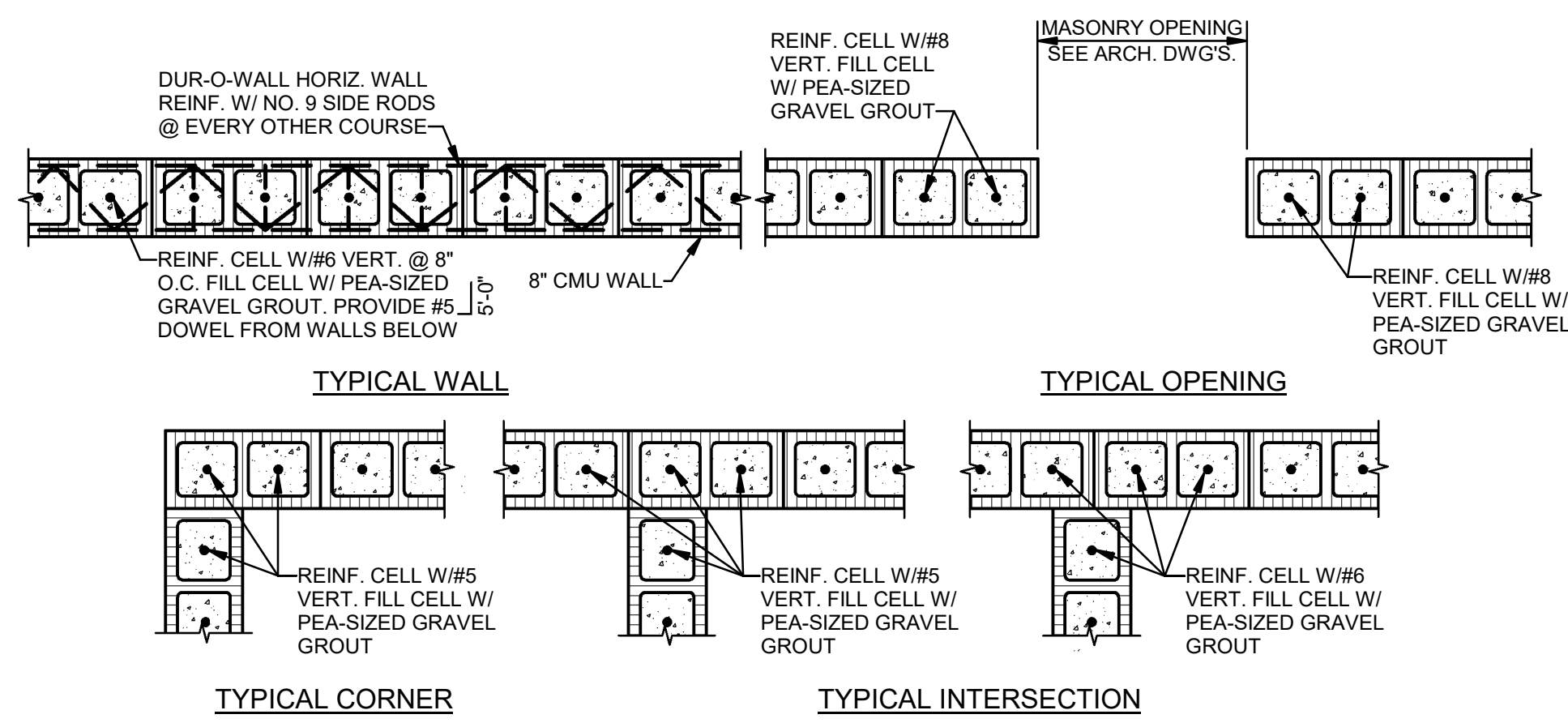
2 DETAIL-TYPICAL WALL REINFORCING LAYOUT
S002 NTS



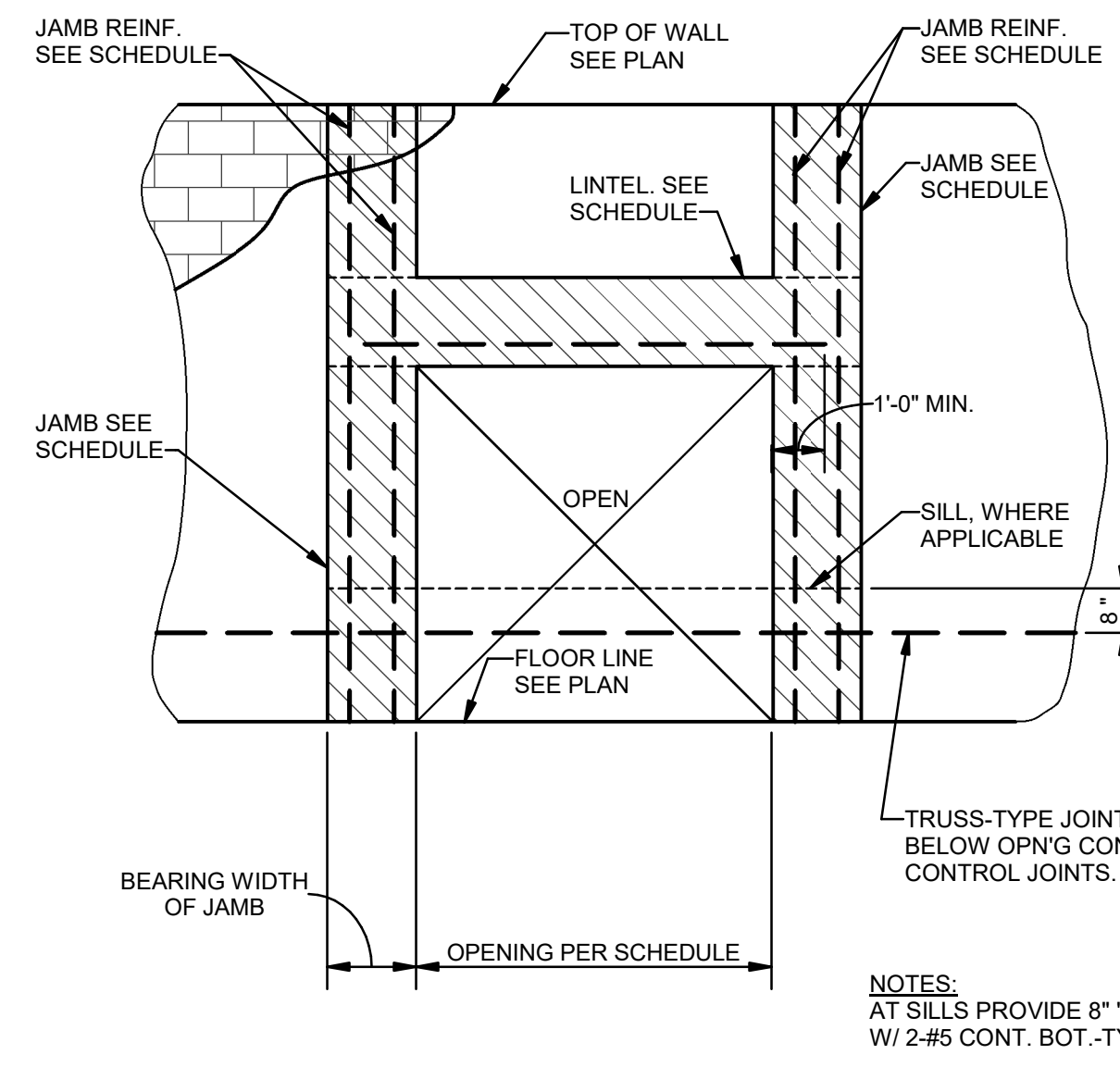
3 DETAIL-TYPICAL PILE CAP W/ STEEL COLUMN
S002 3/4" = 1'-0"



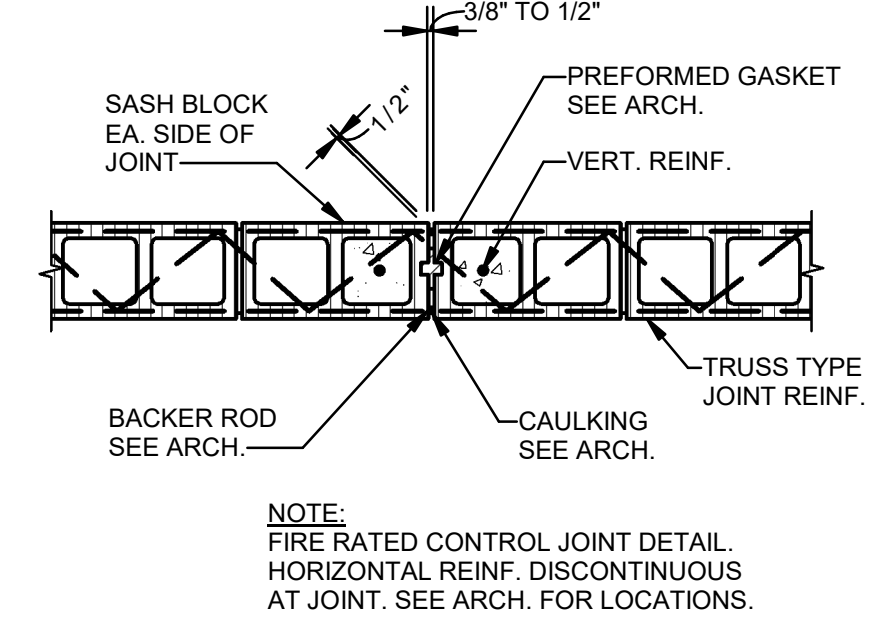
4 DETAIL-LIGHT POLE FOUNDATION
S002 NTS



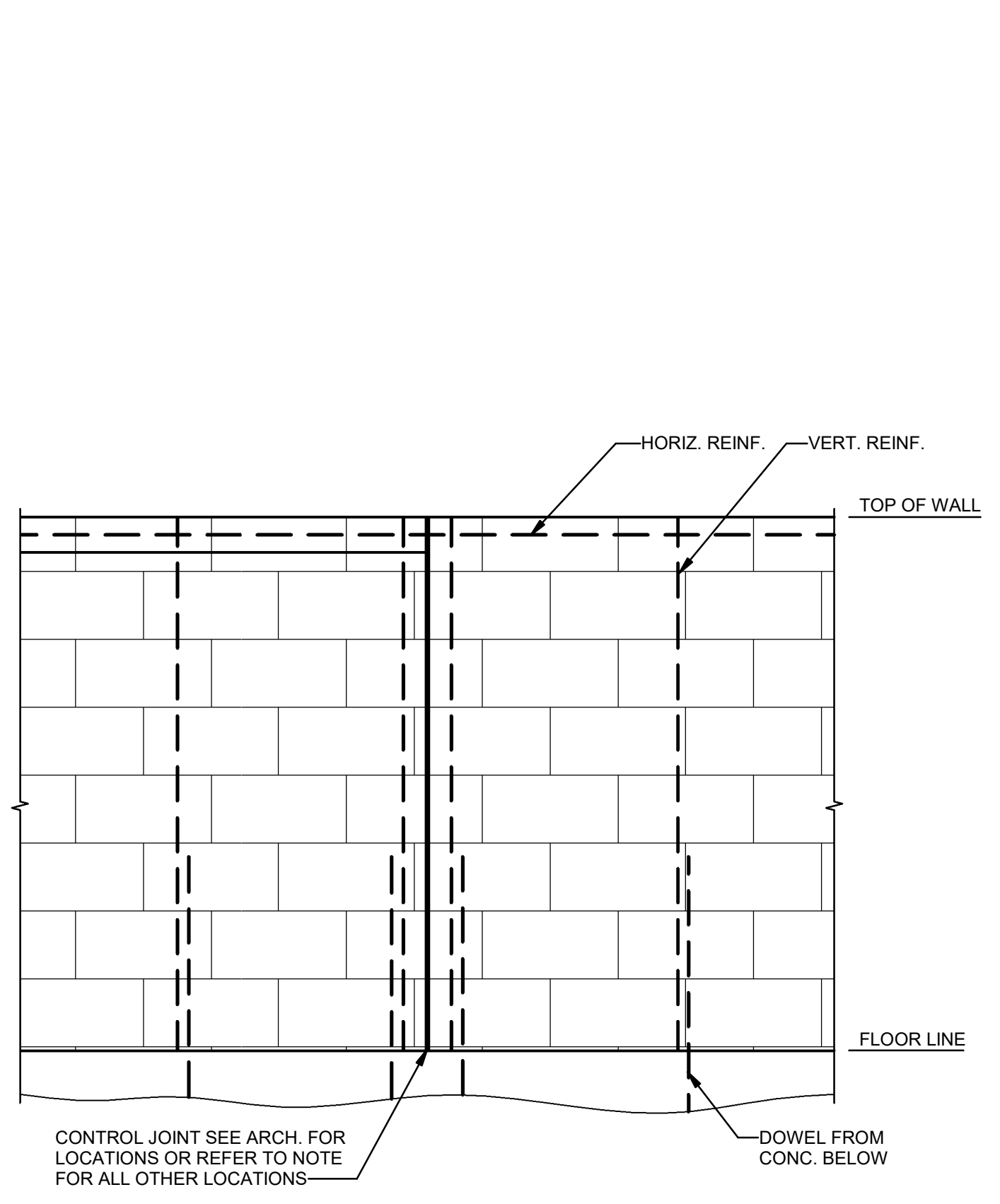
5 TYPICAL DETAIL-CMU VERTICAL WALL REINFORCEMENT
S002 NTS



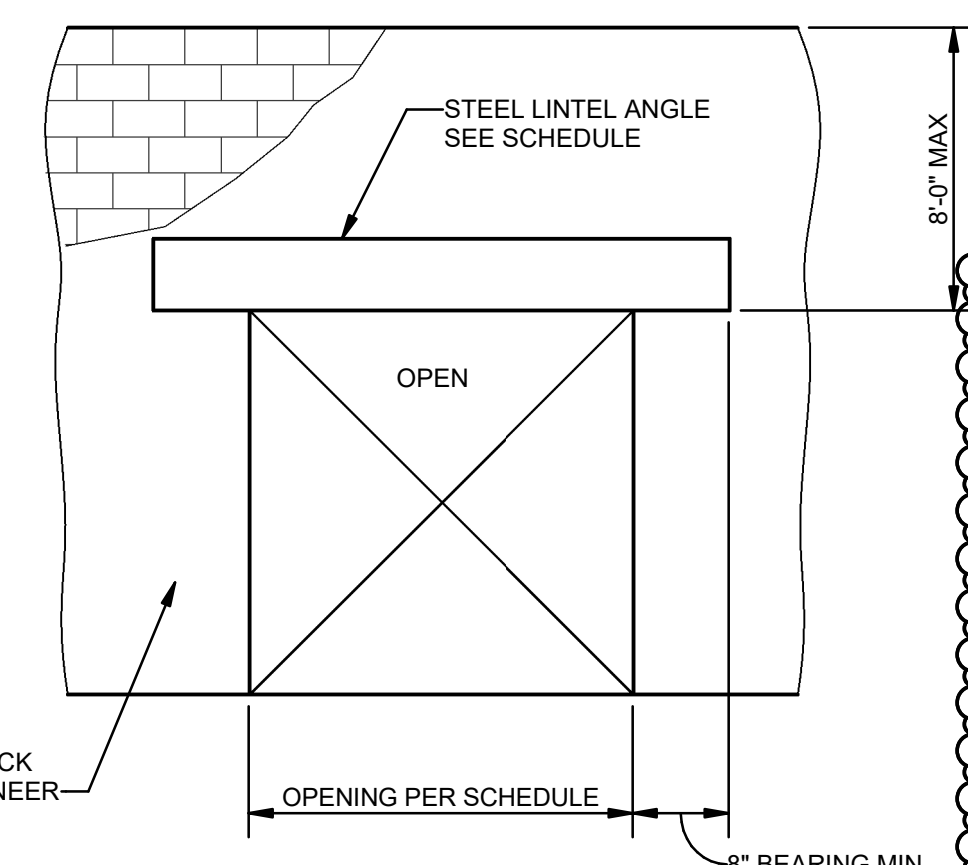
| OPENING SIZE (UP TO & INCLUDING) | LINTEL/SILL "U-BLOCK" SIZE AND REINFORCING | BEAR EA. END FULL DIMENSIONS SHOWN |
|----------------------------------|--|------------------------------------|
| 4'-0" | 16" "U-BLOCK" 2-#4 CONT. BOT. | 8x16 2-#5 VERT |
| 6'-0" | 16" "U-BLOCK" 2-#4 CONT. BOT. | 8x16 2-#5 VERT |
| 9'-0" | 16" "U-BLOCK" 2-#5 CONT. BOT. | 8x16 2-#6 VERT |
| 11'-0" | 16" "U-BLOCK" 2-#5 CONT. TOP & BOT. | 8x16 2-#7 VERT |



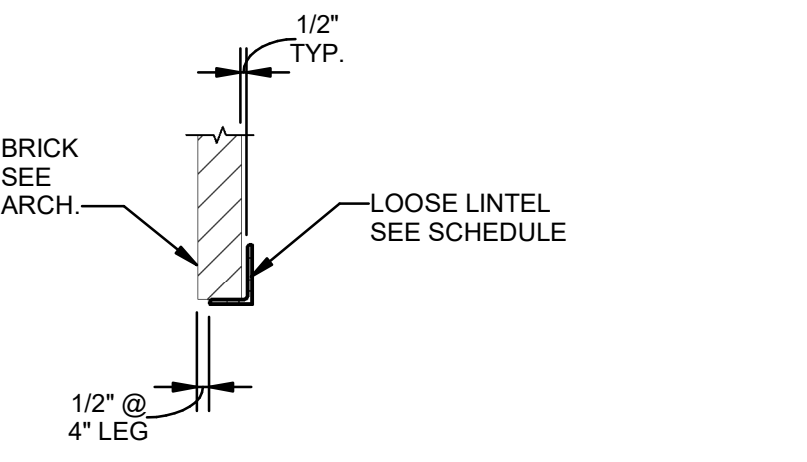
7 TYPICAL CONTROL JOINT DETAIL
S002 NTS



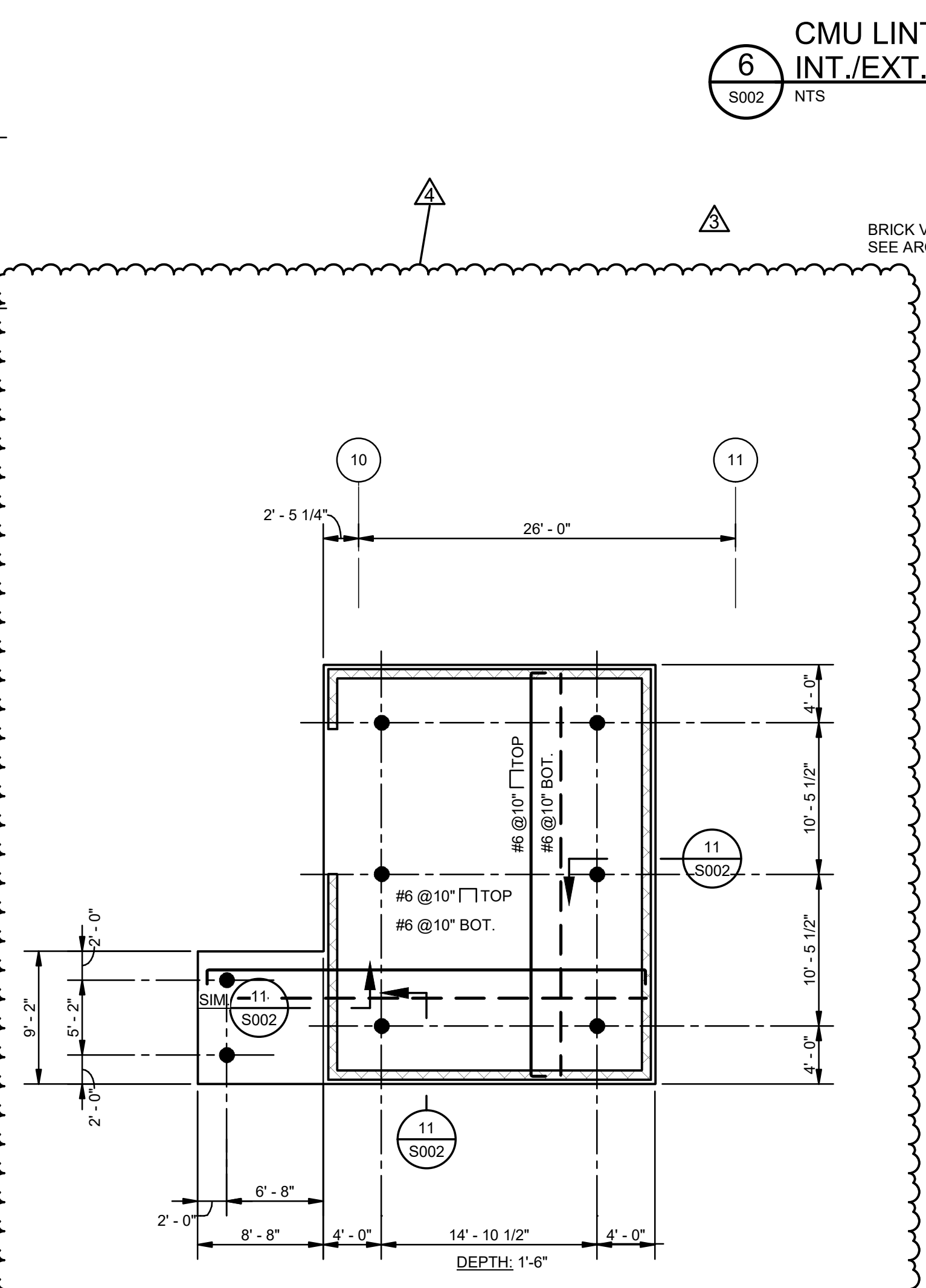
8 CONTROL JOINT DETAIL-ELEVATION OF MASONRY WALL WITH CONTROL JOINT
S002 NTS



| OPENING SIZE (UP TO & INCLUDING) | SIZE OF LINTEL |
|----------------------------------|-----------------------------|
| 4'-0" | L3-1/2x3-1/2x3/8 |
| 6'-0" | L5-1/2x3-1/2x3/8 (LLV) |
| 8'-0" | L7x4x3/8 (LLV) |
| 10'-0" | BENT PL 3/8"x4"x7'-9" (LLV) |

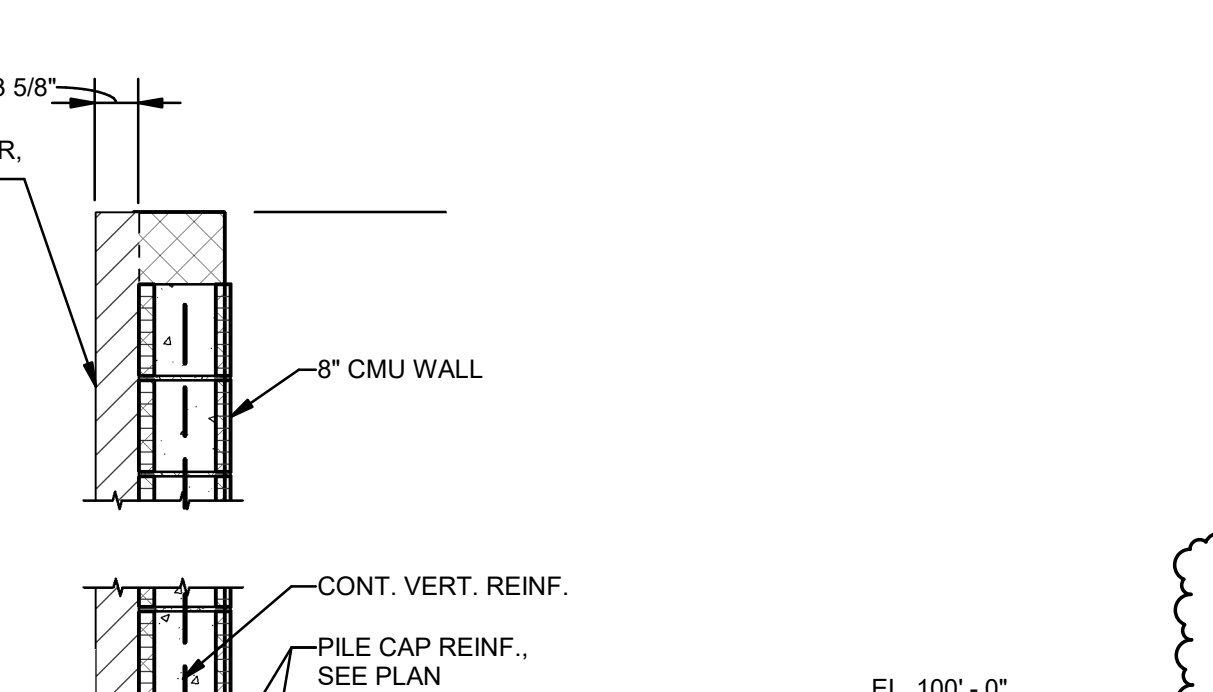


9 LINTEL SCHEDULE-STEEL ANGLES
S002 3/4" = 1'-0"

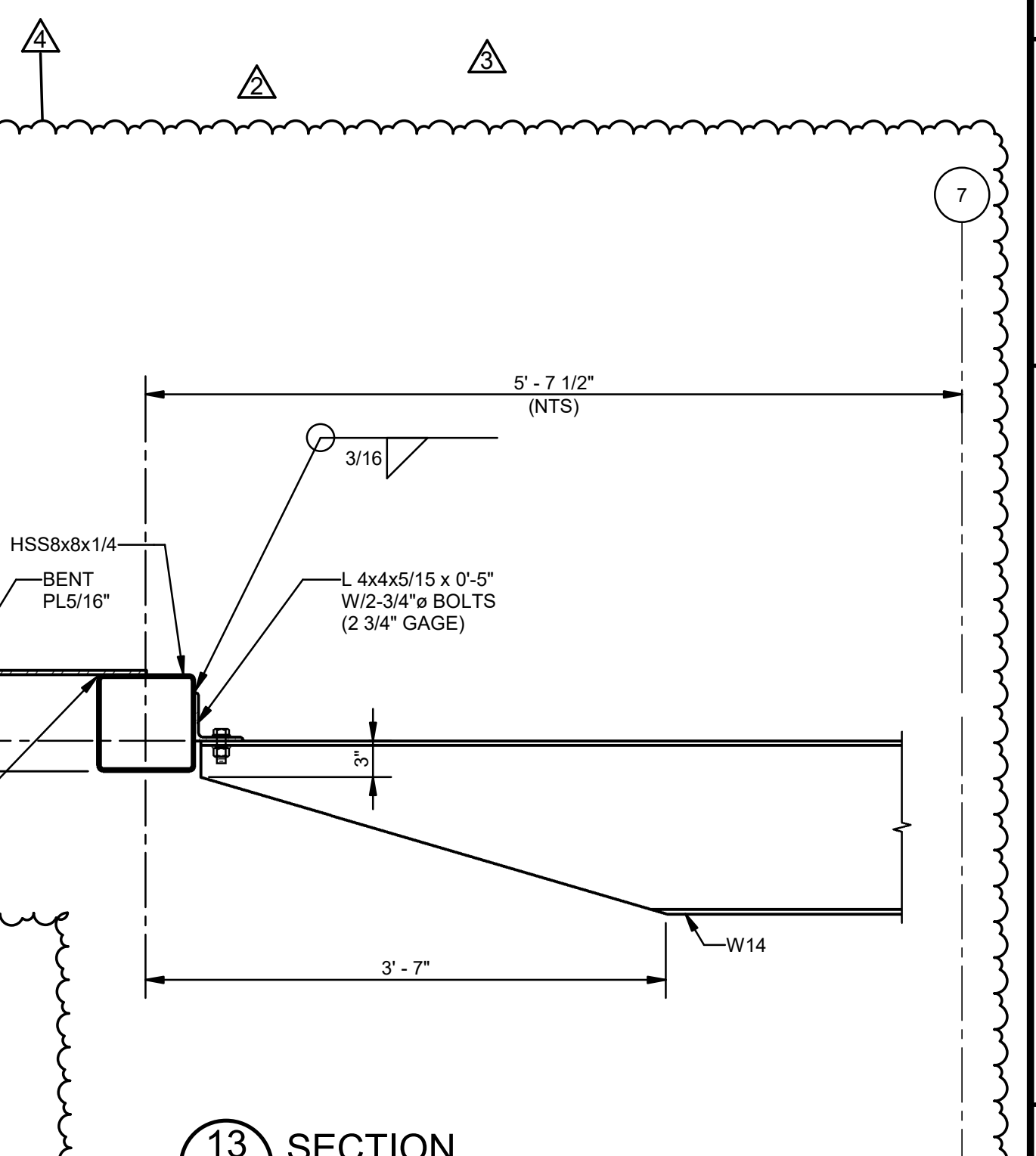
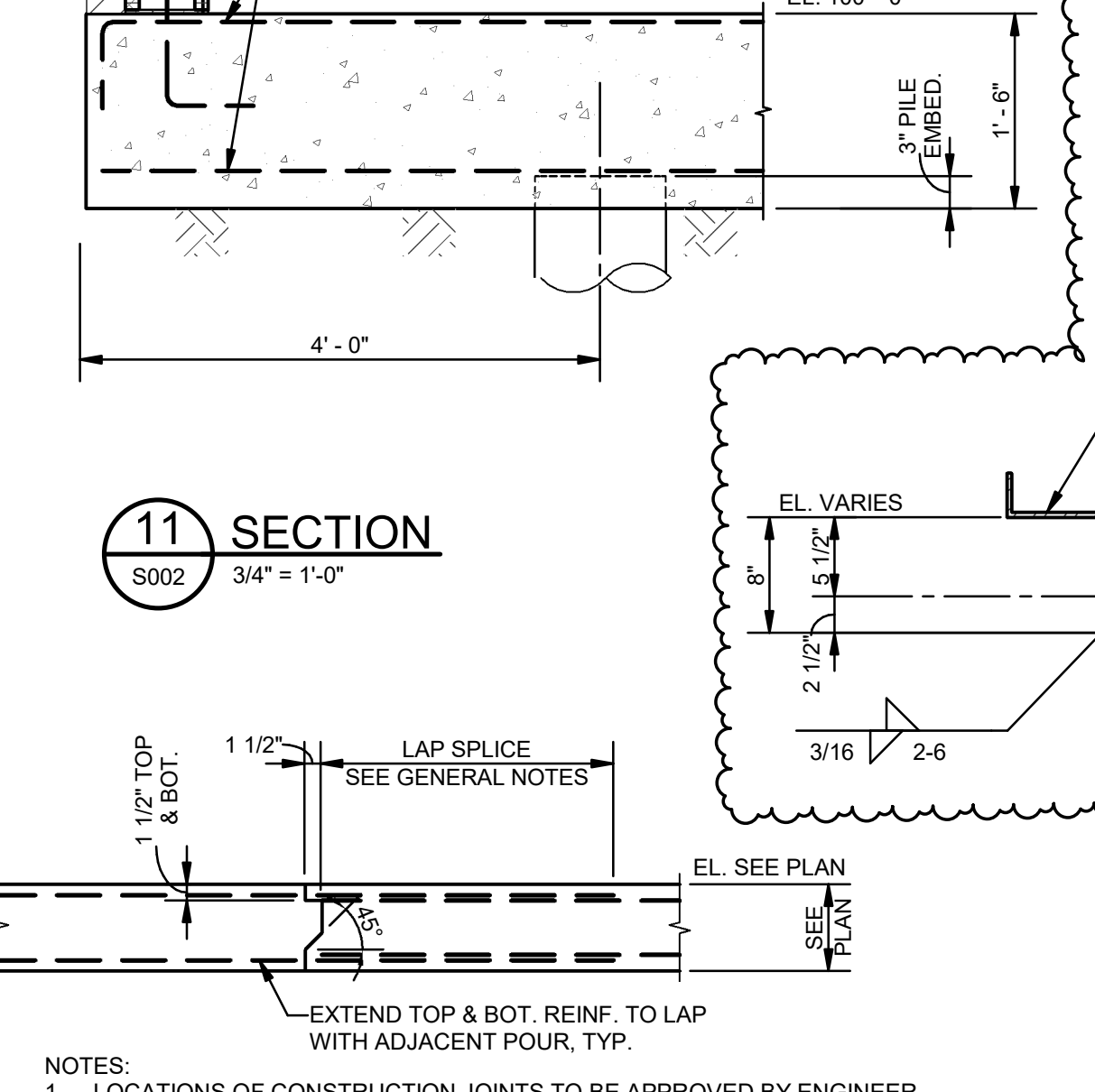


10 CHILLER YARD PILE CAP PLAN
S002 1/8" = 1'-0"

6 CMU LINTEL/SILL SCHEDULE INT./EXT. WALL OPENINGS
S002 NTS



12 DETAIL-TYPICAL FLOOR SLAB CONSTRUCTION JOINT
S002 NTS



13 SECTION
S002 1" = 1'-0"

MATERIALS KEYING/ GENERAL NOTES

| No. | Description | Date |
|-----|---------------|----------|
| 1 | Addendum No 2 | 05-30-23 |
| 2 | RFI #5 | 10-18-23 |
| 3 | RFI #2 | 11/06/23 |

KEY PLAN

05-05-23

Mathes Briere ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE A JOINT VENTURE

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337.233.0614

PROJECT TITLE

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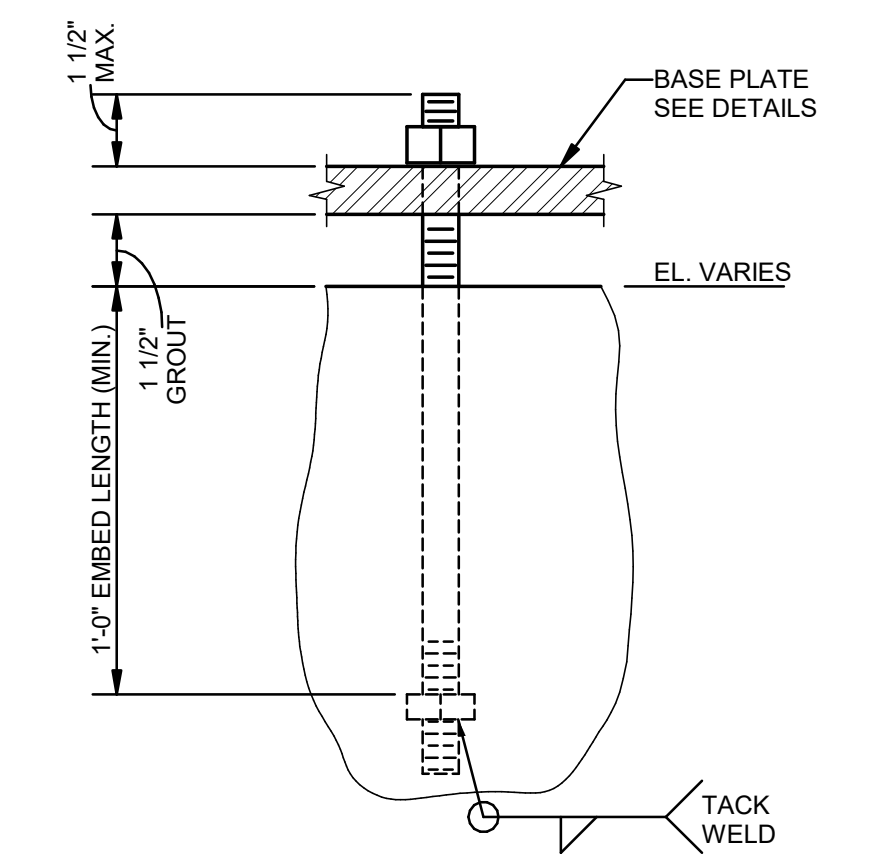
| | | | |
|-------------|-----|------------|----------|
| DESIGNED BY | JAS | CHECKED BY | JAS |
| DRAWN BY | HSB | DATE | 05.05.23 |

SHEET TITLE
CONCRETE AND CMU TYPICAL DETAILS

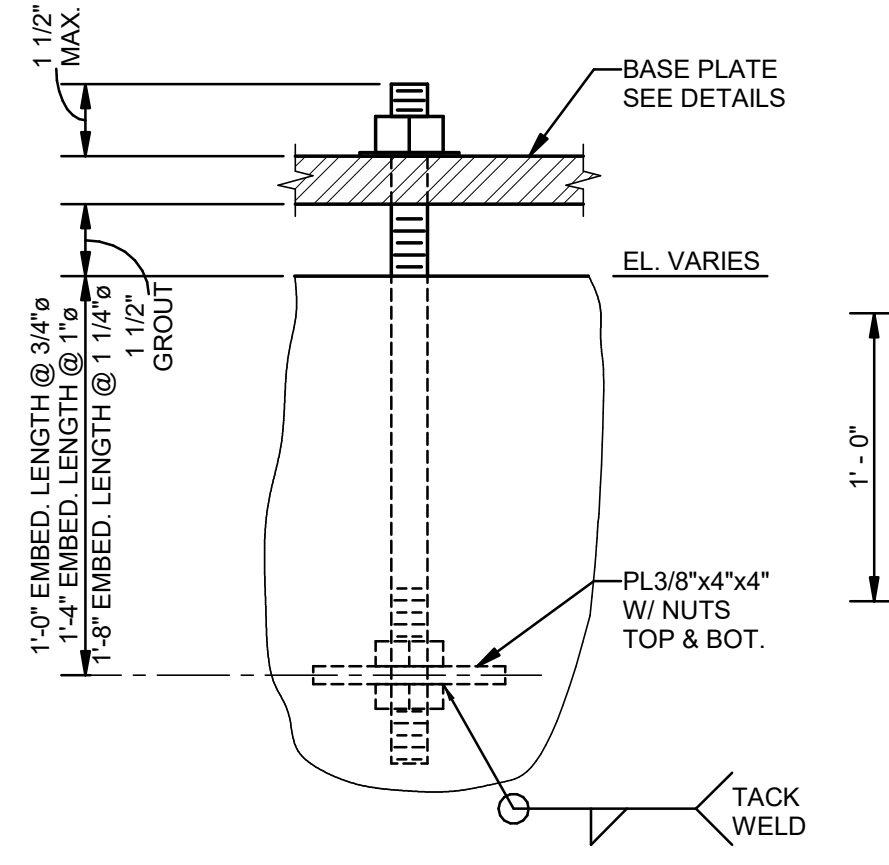
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| PROJECT NO. | MBA - 11884 | SHEET NO. | S002 |
| ABM - 201803 | | | |

MORPHY MAKOFSKY INCORPORATED CONSULTING ENGINEERS
(504)488-1317
108 NO. 19192

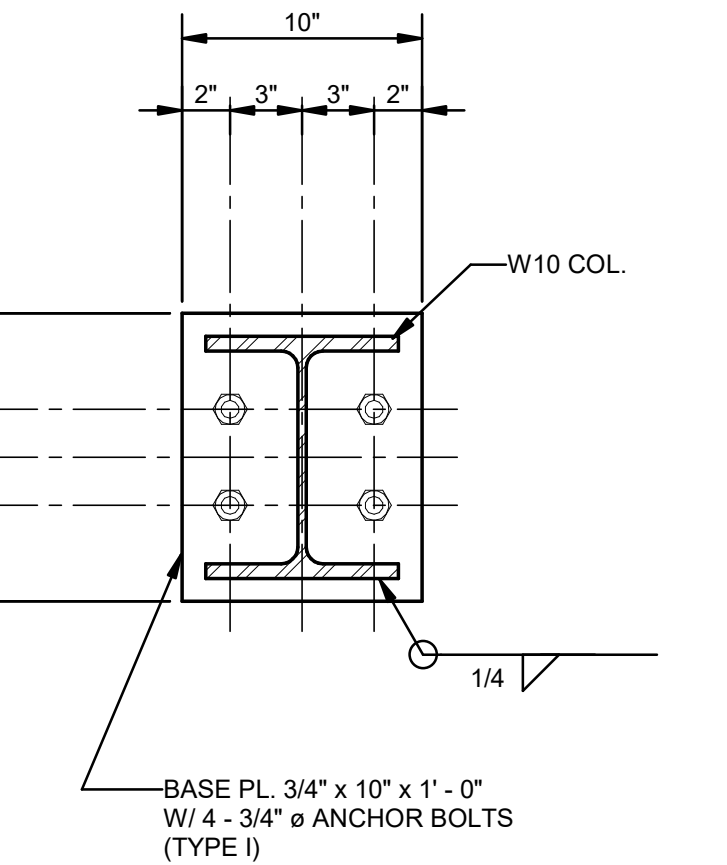
| 1 COLUMN SCHEDULE | | S003 3/4" = 1'-0" | |
|------------------------------|--|---|---|
| COLUMN DESCRIPTION | B-6 B-7 B-12 E-3 E-6 E-10.1 F-5 F-6 F-10.1 F-14 F-16 F.1-16 | G-7 H-6 H-13 H-11 E-12 F-11 F-13 H-7 H-8 H-9 K-7 K-9 | J-6 K-8 K-13 K-15 A-11 B-3 B-4 C-4 D-4 G-2 H-2 J-2 |
| HIGH ROOF EL. SEE PLAN | | | |
| LOW ROOF EL. SEE PLAN | | | |
| 1ST FLOOR EL. | HSS10x6x5/16 | W10x45 | HSS10x6x5/16 |
| TOP OF PILE CAP EL. SEE PLAN | | | |
| BASE PLATE | SEE 5/S003 | SEE 4/S003 | SEE 5/S003 |



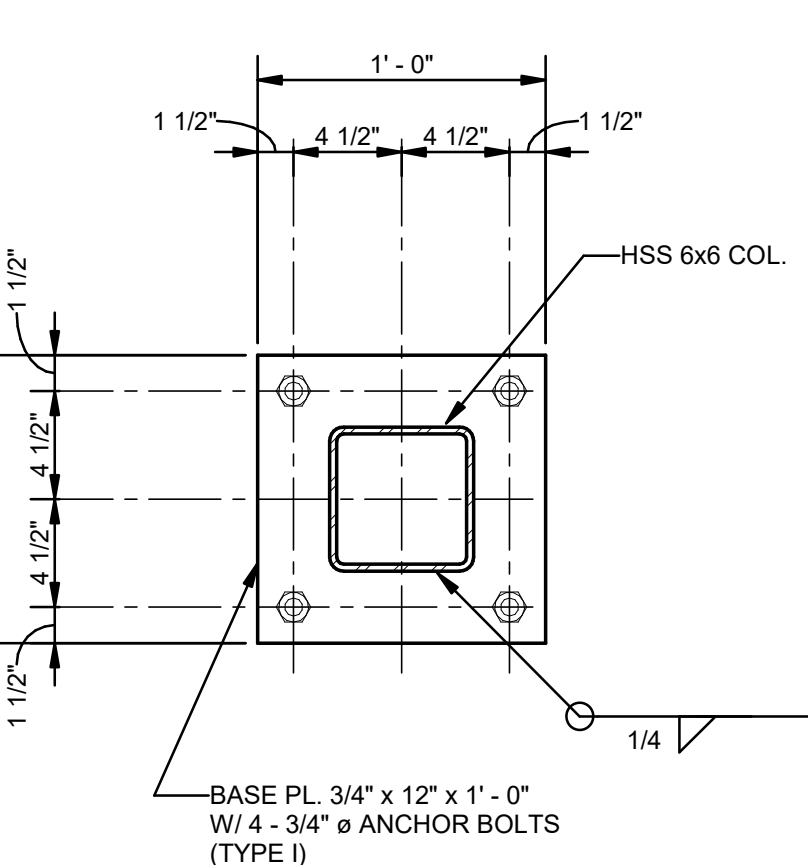
2 DETAIL-ANCHOR BOLT TYPE 1
S003 3" = 1'-0"



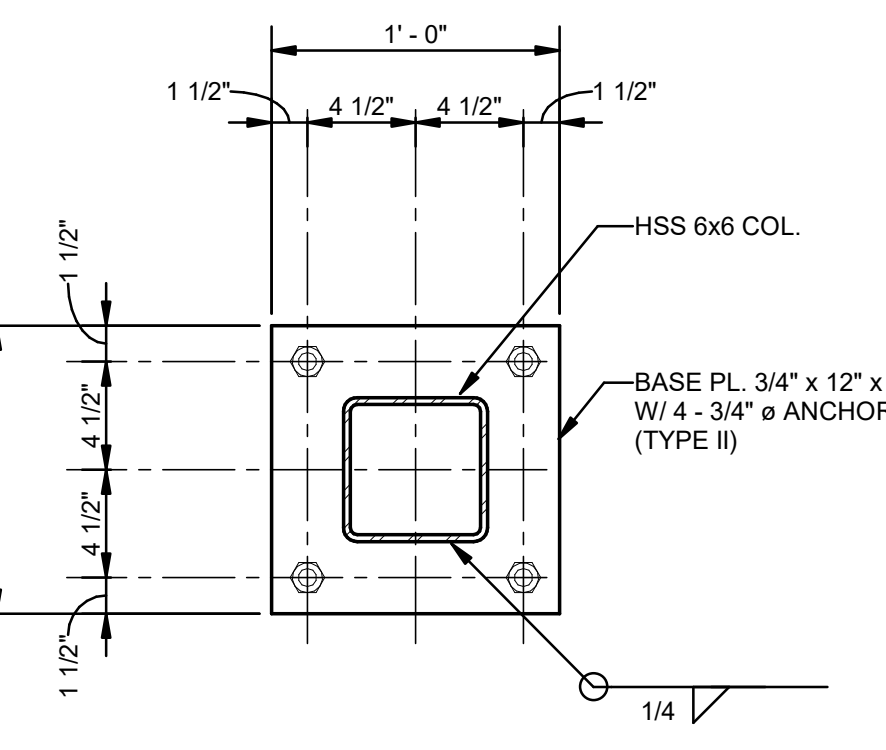
3 DETAIL-ANCHOR BOLT TYPE 2
S003 3" = 1'-0"



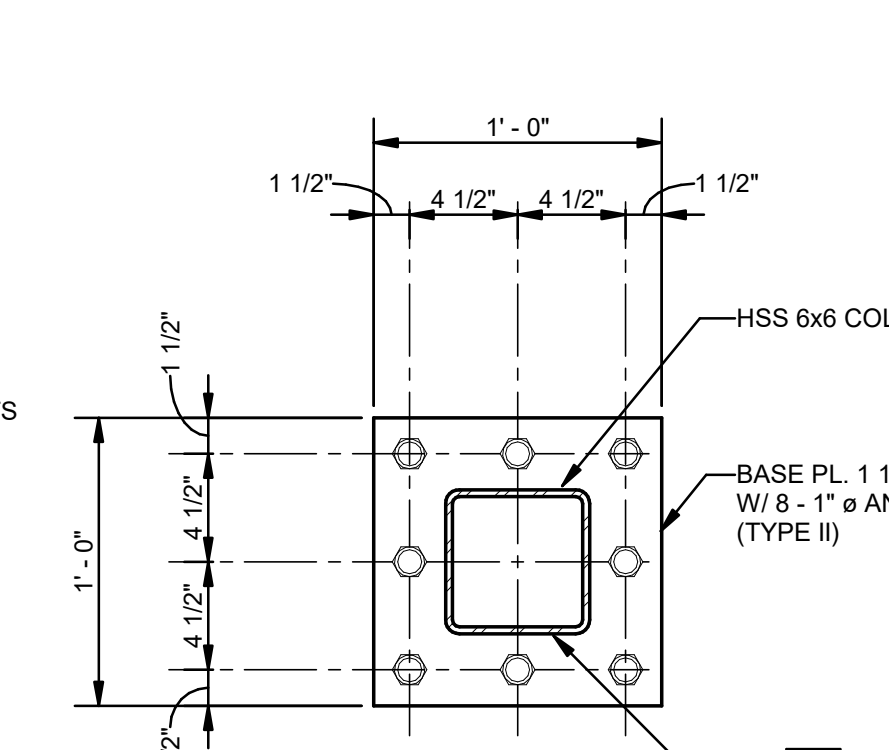
4 DETAIL-BASE PLATE
S003 1 1/2" = 1'-0"



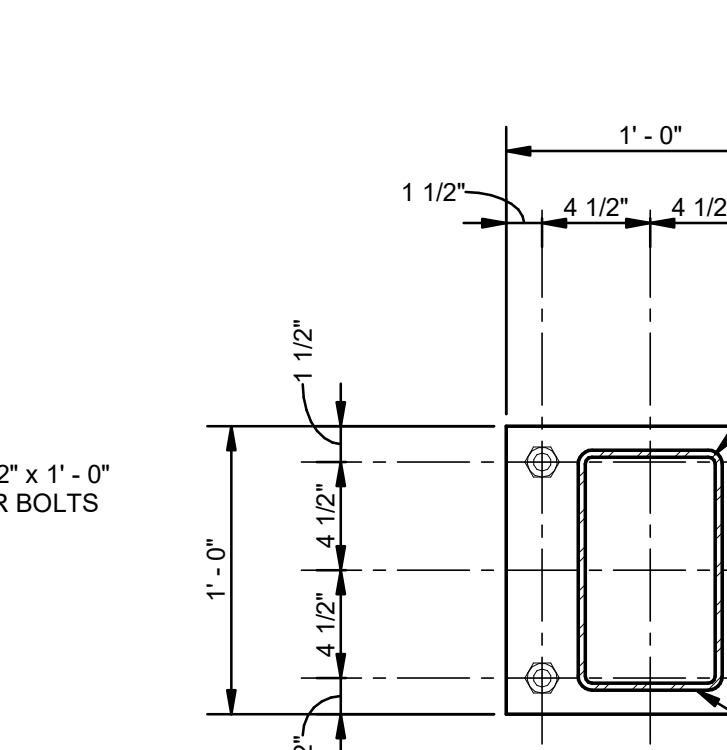
5 DETAIL-BASE PLATE
S003 1 1/2" = 1'-0"



6 DETAIL-BASE PLATE
S003 1 1/2" = 1'-0"

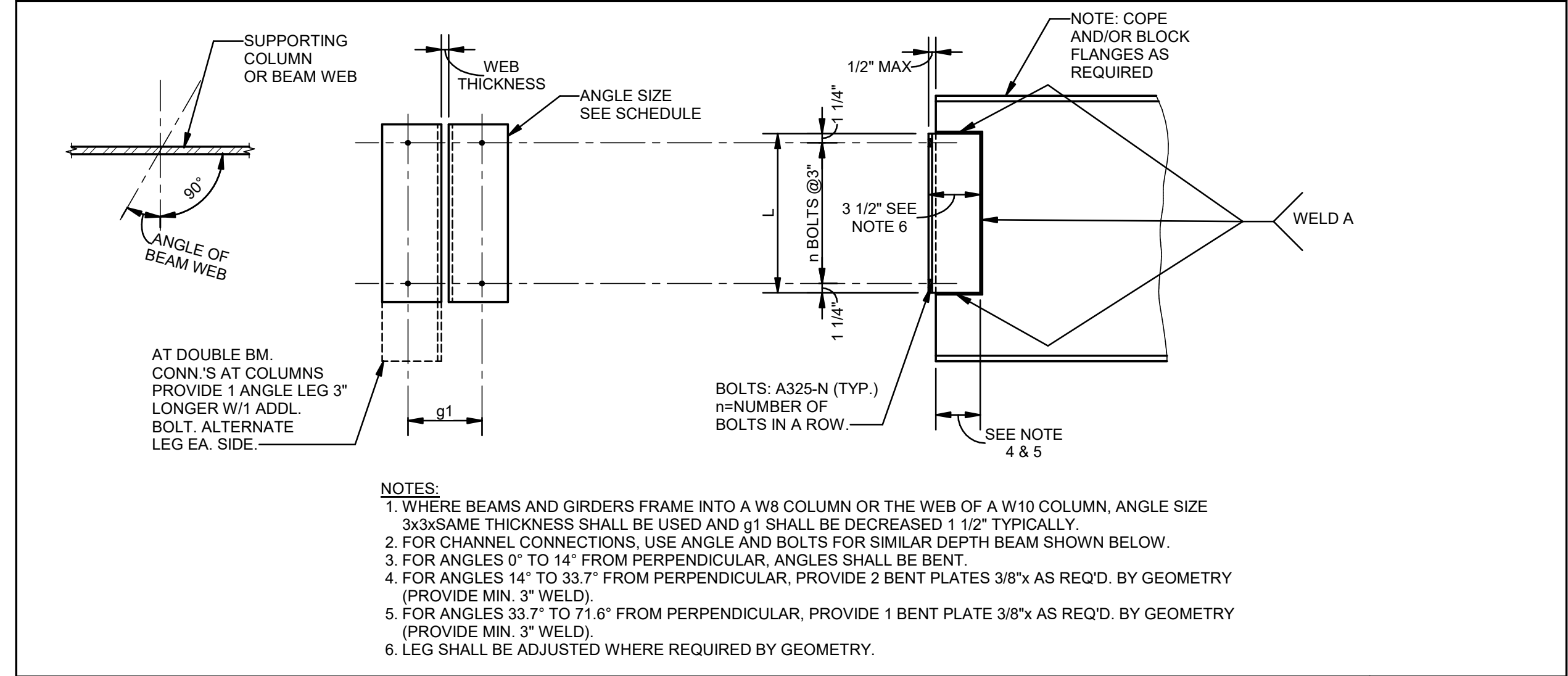


7 DETAIL-BASE PLATE
S003 1 1/2" = 1'-0"

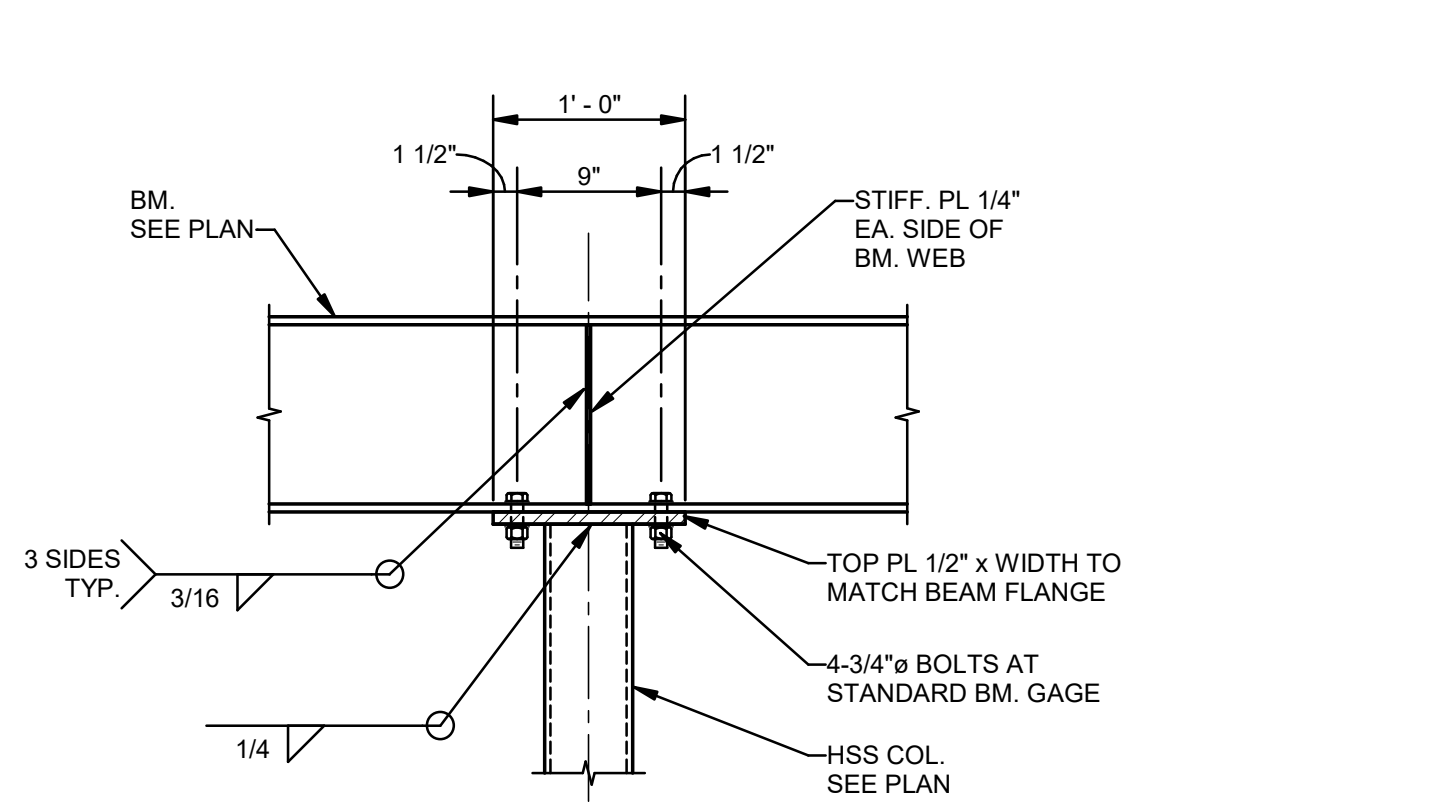


8 DETAIL-BASE PLATE
S003 1 1/2" = 1'-0"

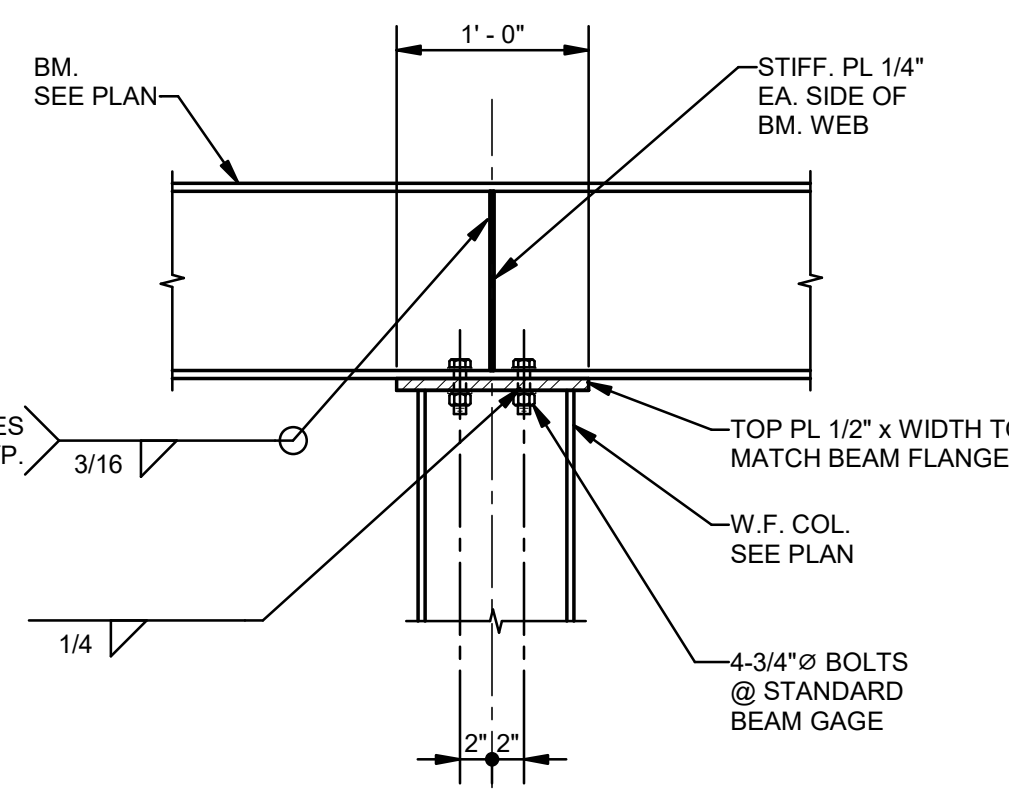
9 TYPICAL BEAM TO BEAM AND BEAM TO WIDE FLANGE COLUMN CONNECTION SCHEDULE AND DETAIL



| BEAM SIZE | ANGLE SIZE | ANGLES 0° TO 33.7° | | | ANGLES 33.7° TO 71.6° | | |
|---------------------------|---------------|--------------------|---|-------|-----------------------|--------|---|
| | | L in. | n | g1 | L in. | n | |
| C8's, C10's, W8's & W10's | L4x3 1/2x5/16 | 5 1/2 | 2 | 5 1/2 | 3/4" | 5 1/2 | 2 |
| C12's & W12's | L4x3 1/2x5/16 | 5 1/2 | 2 | 5 1/2 | 3/4" | 8 1/2 | 3 |
| W14's | L4x3 1/2x5/16 | 8 1/2 | 3 | 5 1/2 | 3/4" | 11 1/2 | 4 |
| W16's | L4x3 1/2x5/16 | 8 1/2 | 3 | 5 1/2 | 3/4" | 11 1/2 | 4 |
| W18's | L4x3 1/2x5/16 | 11 1/2 | 4 | 5 1/2 | 3/4" | 14 1/2 | 5 |

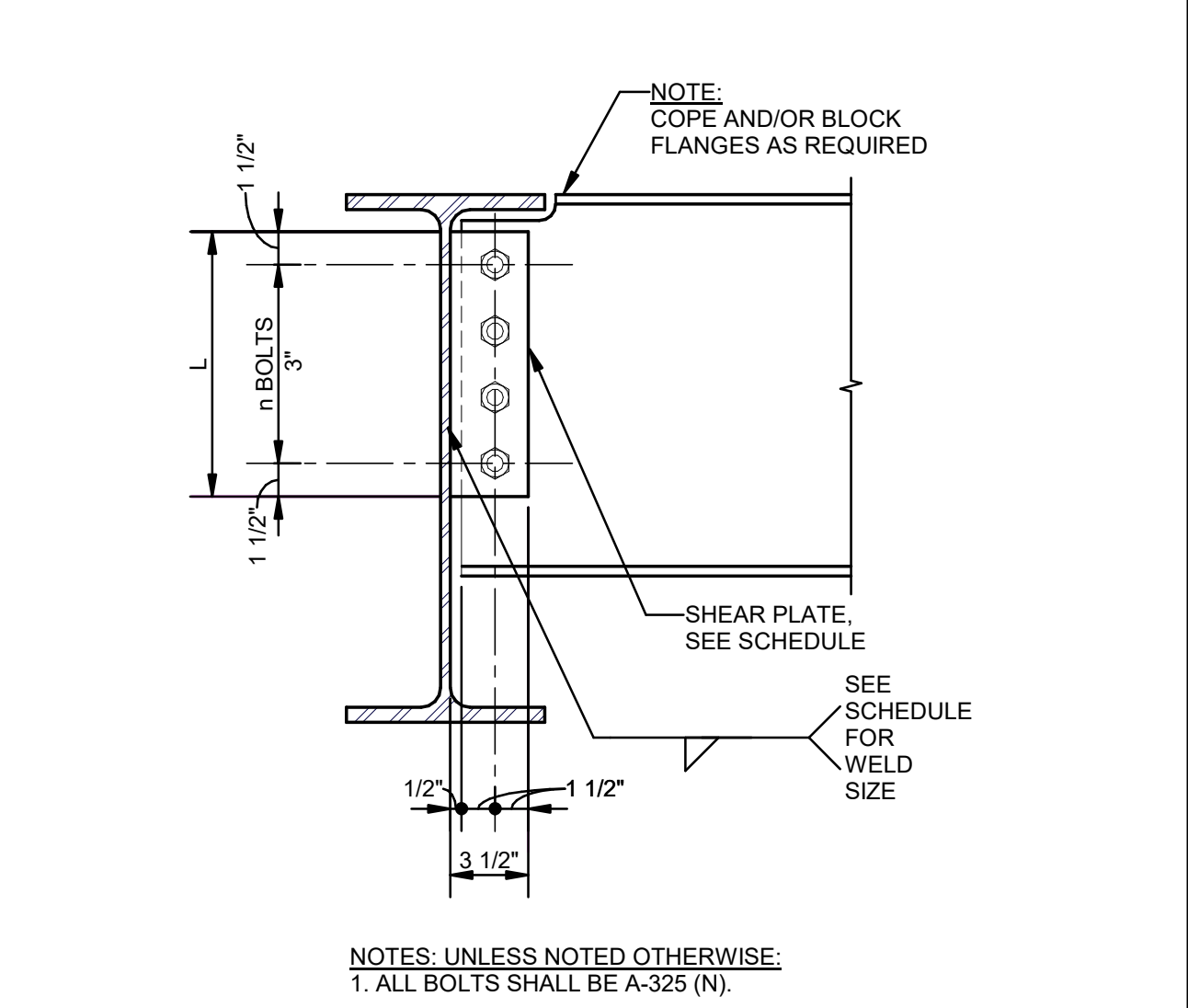


12 TYPICAL DETAIL - CONTINUOUS BEAM OVER HSS COL
S003 1" = 1'-0"

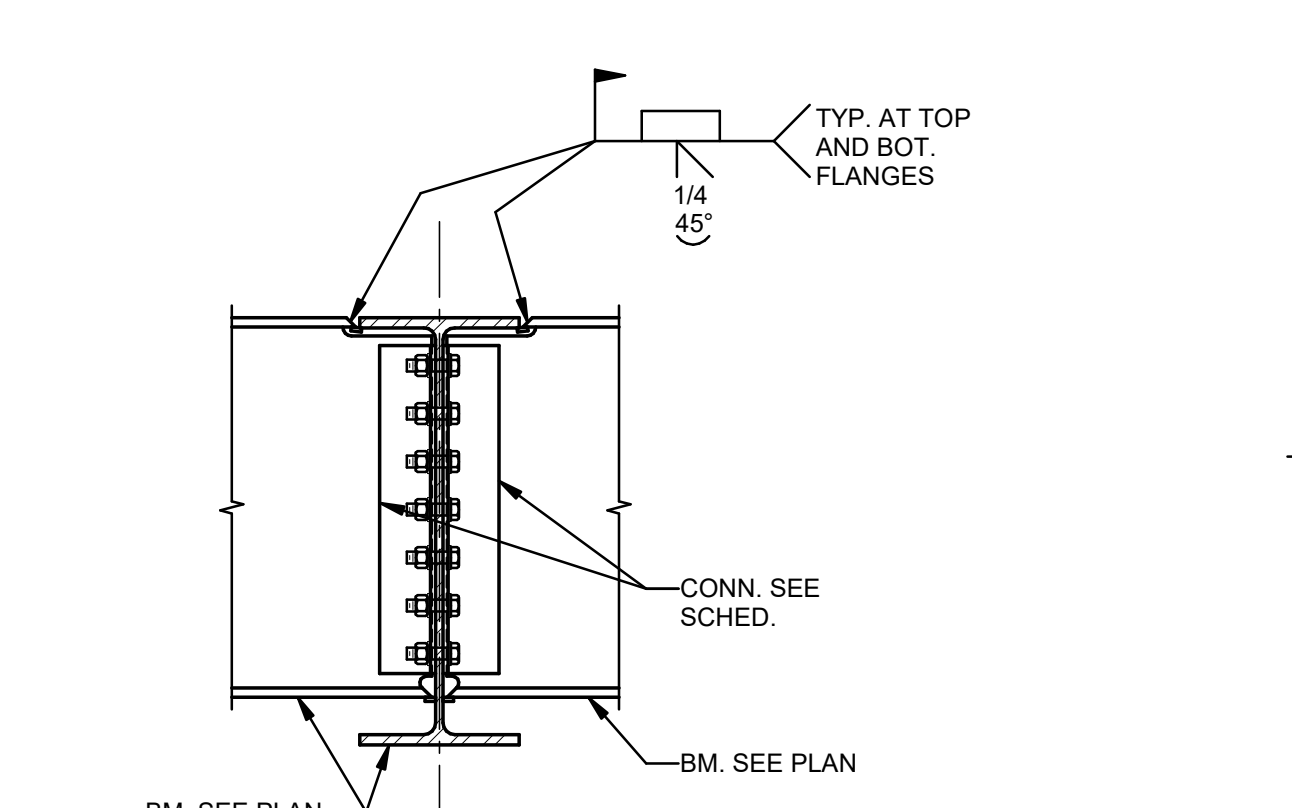


13 TYPICAL DETAIL - CONTINUOUS BEAM OVER W10 COL
S003 1" = 1'-0"

10 ALTERNATE BEAM TO BEAM CONNECTION SCHEDULE AND DETAIL

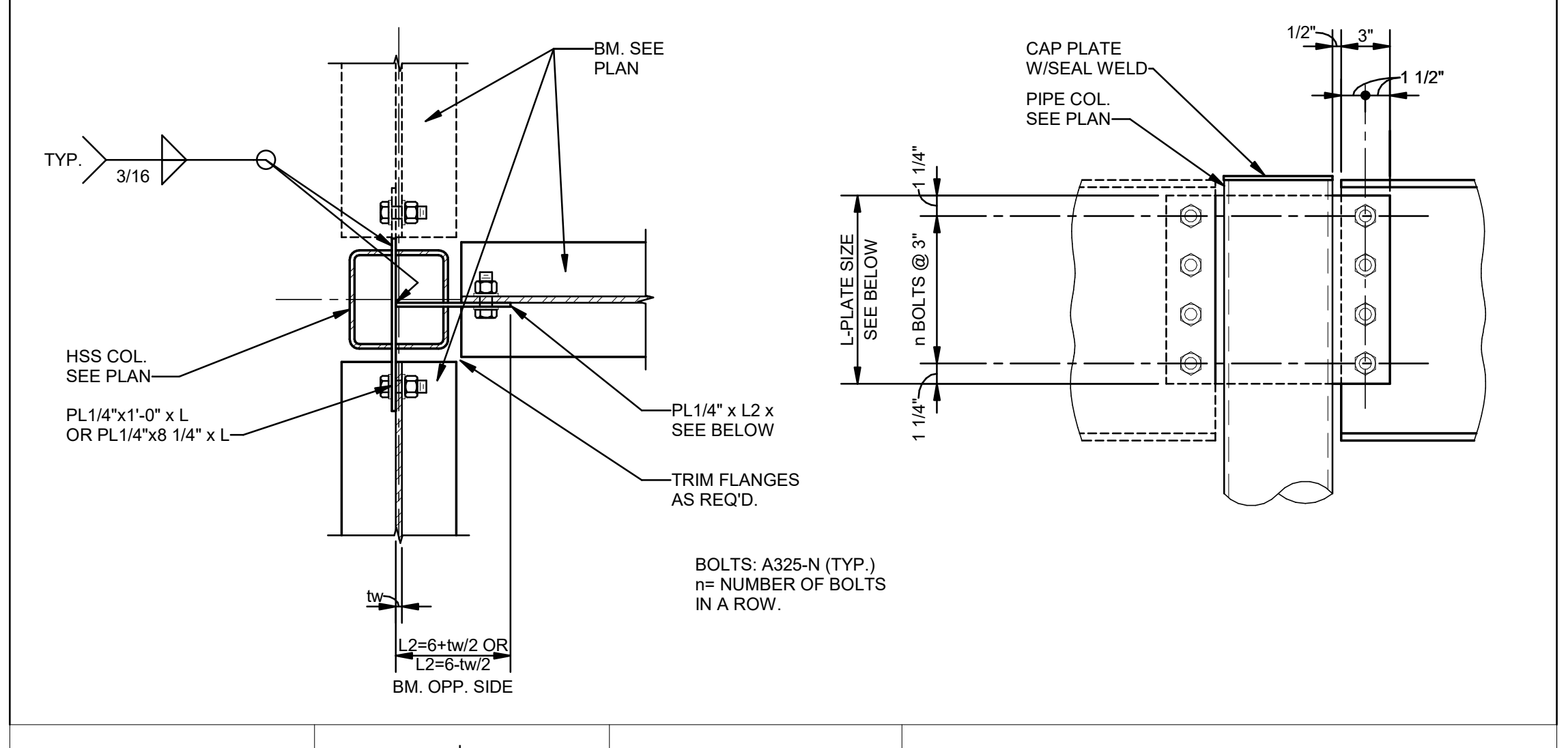


| BEAM SIZE | PLATE SIZE | L in. | n | WELD (TYP.) EA. SIDE | BOLT DIAMETER |
|-----------|----------------|-------|---|----------------------|---------------|
| W8's | 5/16" x 3 1/2" | 6 | 2 | 1/4 | 3/4" |
| W10's | 5/16" x 3 1/2" | 6 | 2 | 1/4 | 3/4" |
| W12's | 5/16" x 3 1/2" | 9 | 3 | 1/4 | 3/4" |
| W14's | 5/16" x 3 1/2" | 9 | 3 | 1/4 | 3/4" |
| W16's | 5/16" x 3 1/2" | 12 | 4 | 1/4 | 3/4" |
| W18's | 5/16" x 3 1/2" | 12 | 4 | 1/4 | 3/4" |

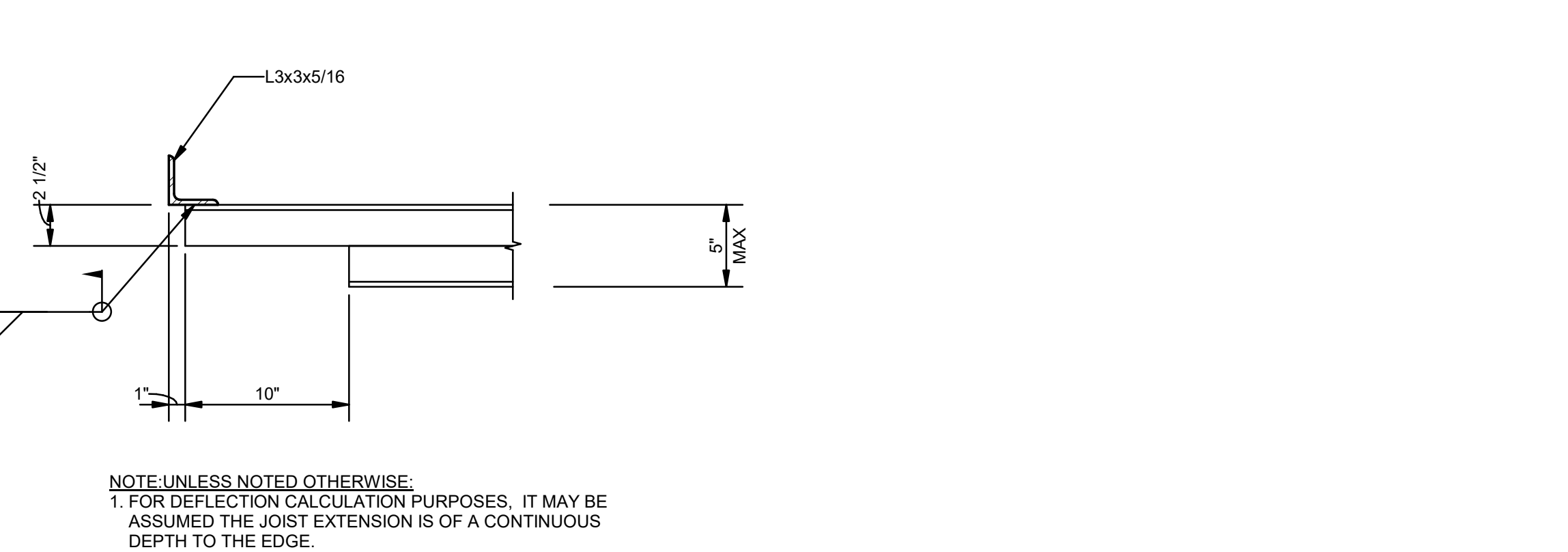


14 DETAIL-TYPICAL MOMENT CONNECTION BEAM TO BEAM
S003 1" = 1'-0"

11 BEAM TO PIPE COLUMN CONNECTION SCHEDULE AND DETAIL



| BEAM SIZE | L in. | n |
|---------------|--------|--------|
| W8's | 5 1/2 | 2-3/4" |
| W10's & W12's | 8 1/2 | 3-3/4" |
| W14's & W16's | 11 1/2 | 4-3/4" |
| W18's | 14 1/2 | 5-3/4" |



15 DETAIL-EDGE OF JOIST EXTENSION
S003 1 1/2" = 1'-0"

| No. | Description | Date |
|-----|-------------|----------|
| 1 | 75% CD | 04-02-20 |
| 2 | 95% CD | Date 2 |

KEY PLAN

05-05-23

Mathes Briere ARCHITECTS
BM ARCHITECTS BEAZLEY MOLIÈRE
 A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
 Voice: 504.586.5303. Fax: 504.582.1305

300 Heymann Blvd.
 Lafayette, Louisiana 70503
 337.233.0614

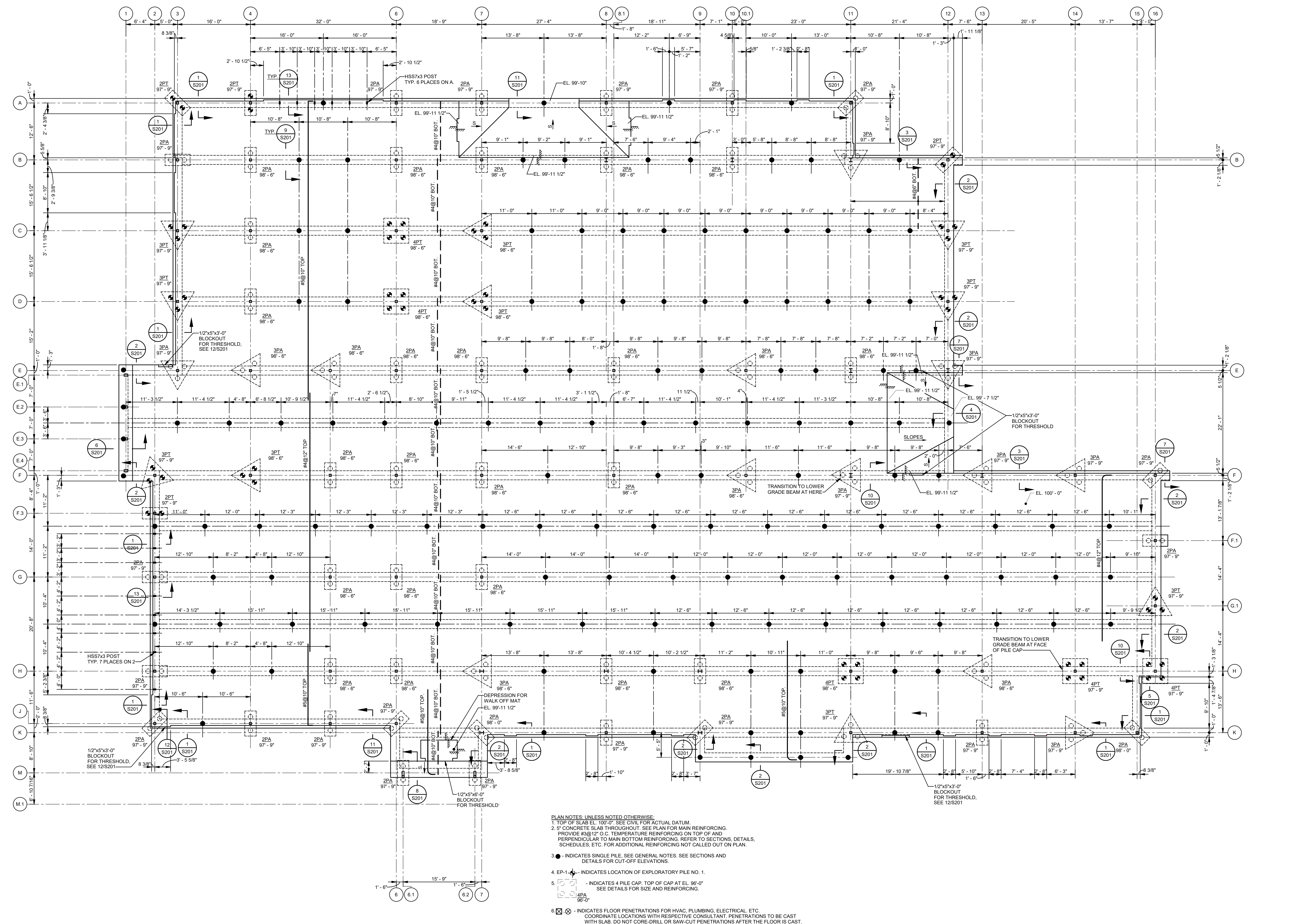
PROJECT TITLE

ST. BERNARD PARISH PUBLIC LIBRARY

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| PERMIT DOCUMENTS | |
|--|----------------|
| DESIGNED BY JAS | CHECKED BY JAS |
| DRAWN BY HSB | DATE 05.05.23 |
| SHEET TITLE TYPICAL STEEL DETAILS AND SCHEDULES | |
| PROJECT NO. MBA - 11884 | SHEET NO. S003 |
| ABM - 201803 | |

MORPHY MAKOFSKY INCORPORATED
 CONSULTING ENGINEERS
 (504)488-1317
 JOB NO. 19192



- PLAN NOTES: UNLESS NOTED OTHERWISE:**
1. TOP OF SLAB EL. 100'-0" SEE CIVIL FOR ACTUAL DATUM.
 2. 5" CONCRETE SLAB THROUGHOUT. SEE PLAN FOR MAIN REINFORCING. PROVIDE #3@12" O.C. TEMPERATURE REINFORCING ON TOP OF AND PERPENDICULAR TO MAIN BOTTOM REINFORCING. REFER TO SECTIONS, DETAILS, SCHEDULES, ETC. FOR ADDITIONAL REINFORCING NOT CALLED OUT ON PLAN.
 3. ● - INDICATES SINGLE PILE. SEE GENERAL NOTES. SEE SECTIONS AND DETAILS FOR CUT-OFF ELEVATIONS.
 4. EP-1 - INDICATES LOCATION OF EXPLORATORY PILE NO. 1.
 5. [Symbol] - INDICATES 4 PILE CAP. TOP OF CAP AT EL. 98'-0" SEE DETAILS FOR SIZE AND REINFORCING.
 6. [Symbol] - INDICATES FLOOR PENETRATIONS FOR HVAC, PLUMBING, ELECTRICAL, ETC. COORDINATE LOCATIONS WITH RESPECTIVE CONSULTANT. PENETRATIONS TO BE CAST WITH SLAB. DO NOT CORE-DRILL OR SAW-CUT PENETRATIONS AFTER THE FLOOR IS CAST.

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

| No. | Description | Date |
|-----|-------------|----------|
| 1 | 75% CD | 04-02-20 |
| 2 | 95% CD | Date 2 |

KEY PLAN

05-05-23

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300 Heymann Blvd.
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 337.233.0614

PROJECT TITLE

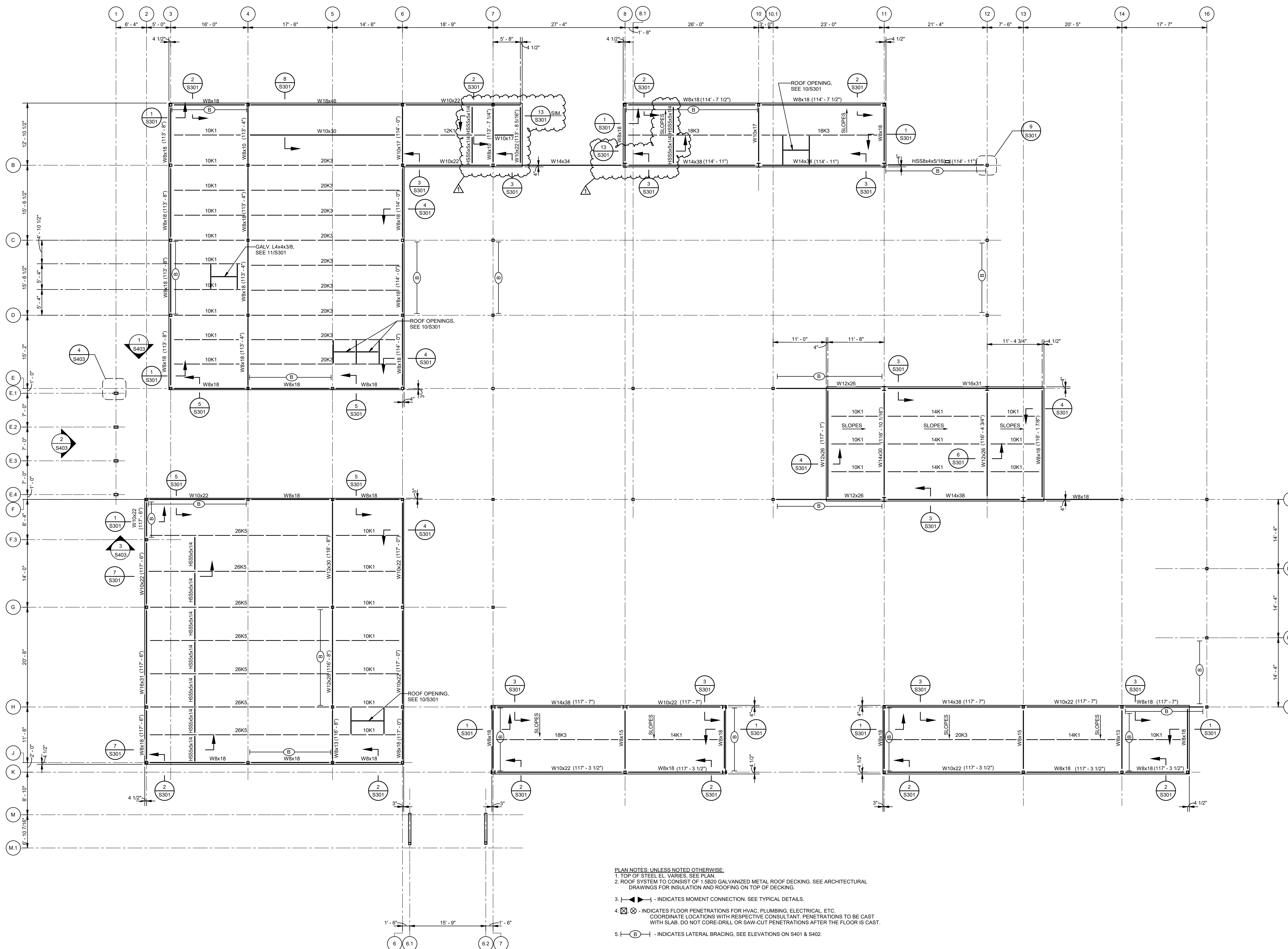
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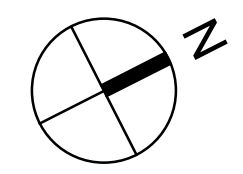
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|----------------------------------|--------------|------------|----------|
| DESIGNED BY | JAS | CHECKED BY | JAS |
| DRAWN BY | HSB | DATE | 05.05.23 |
| SHEET TITLE | | | |
| FDN. AND FIRST FLR. FRAMING PLAN | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | S101 |
| | ABM - 201803 | | |





- PLAN NOTES, UNLESS NOTED OTHERWISE:
1. TOP OF STEEL EL. VARIES, SEE PLAN.
 2. ROOF SYSTEM TO CONSIST OF 1.820 GALVANIZED METAL ROOF DECKING, SEE ARCHITECTURAL DRAWINGS FOR INSULATION AND ROOFING ON TOP OF DECKING.
 3. - INDICATES MOMENT CONNECTION, SEE TYPICAL DETAILS.
 4. - INDICATES FLOOR PENETRATIONS FOR HVAC, PLUMBING, ELECTRICAL, ETC. COORDINATE LOCATIONS WITH RESPECTIVE CONSULTANT. PENETRATIONS TO BE CAST WITH SLAB. DO NOT CORE-DRILL OR SAW-CUT PENETRATIONS AFTER THE FLOOR IS CAST.
 5. - INDICATES LATERAL BRACING, SEE ELEVATIONS ON S401 & S402.

1 LOW ROOF FRAMING PLAN
S102 1/8" = 1'-0"



| No. | Description | Date |
|-----|---------------|----------|
| 1 | Addendum No 2 | 05-30-23 |

KEY PLAN

05-05-23

Mathes Brierre + **ABM**
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
A JOINT VENTURE

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New Orleans, Louisiana 70170-4100
Voice: 504.586.5303, Fax: 504.582.1305

300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

PROJECT TITLE

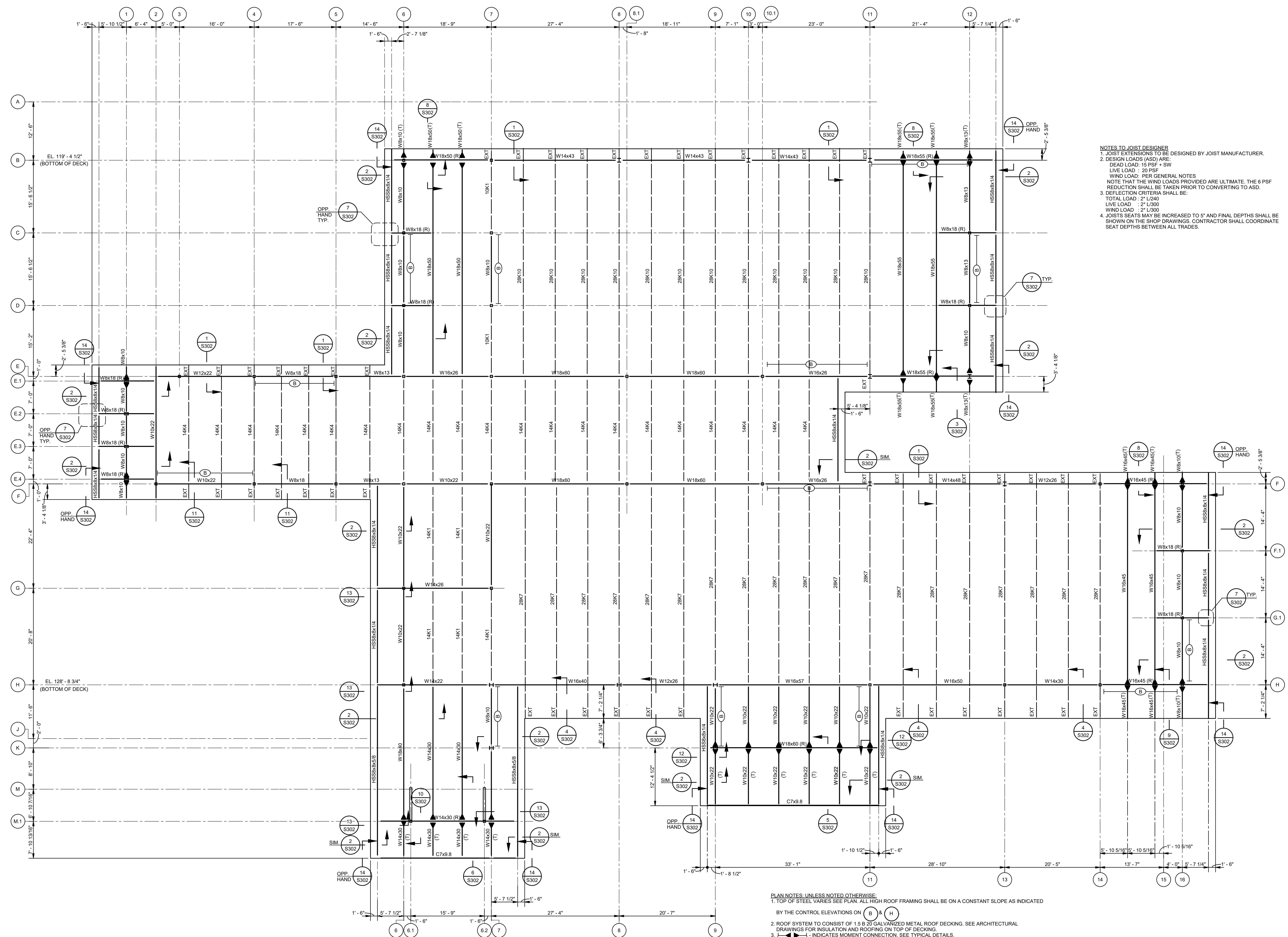
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PERMIT DOCUMENTS

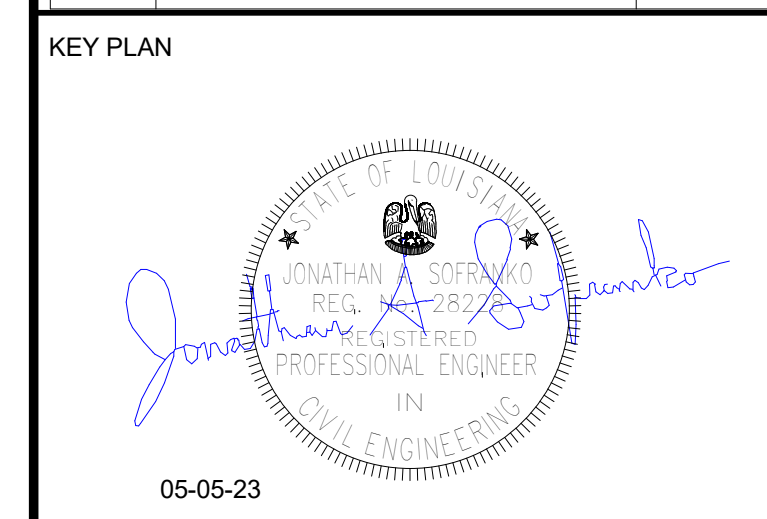
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|-----------------------|-------------|------------|----------|
| DESIGNED BY | JAS | CHECKED BY | JAS |
| DRAWN BY | HSB | DATE | 05.05.23 |
| SHEET TITLE | | | |
| LOW ROOF FRAMING PLAN | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | S102 |
| ABM - 201803 | | | |





NOTES TO JOIST DESIGNER
 1. JOIST EXTENSIONS TO BE DESIGNED BY JOIST MANUFACTURER.
 2. DESIGN LOADS (ASD) ARE:
 DEAD LOAD: 15 PSF + SW
 LIVE LOAD: 20 PSF
 WIND LOAD: PER GENERAL NOTES
 NOTE THAT THE WIND LOADS PROVIDED ARE ULTIMATE. THE 6 PSF REDUCTION SHALL BE TAKEN PRIOR TO CONVERTING TO ASD.
 3. DEFLECTION CRITERIA SHALL BE:
 TOTAL LOAD: 2" L/240
 LIVE LOAD: 2" L/300
 WIND LOAD: 2" L/300
 4. JOIST SEAT DEPTHS MAY BE INCREASED TO 5" AND FINAL DEPTHS SHALL BE SHOWN ON THE SHOP DRAWINGS. CONTRACTOR SHALL COORDINATE SEAT DEPTHS BETWEEN ALL TRADES.

| No. | Description | Date |
|-----|-------------|----------|
| 1 | 75% CD | 04-02-20 |
| 2 | 95% CD | Date 2 |



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 Lafayette, Louisiana 70503
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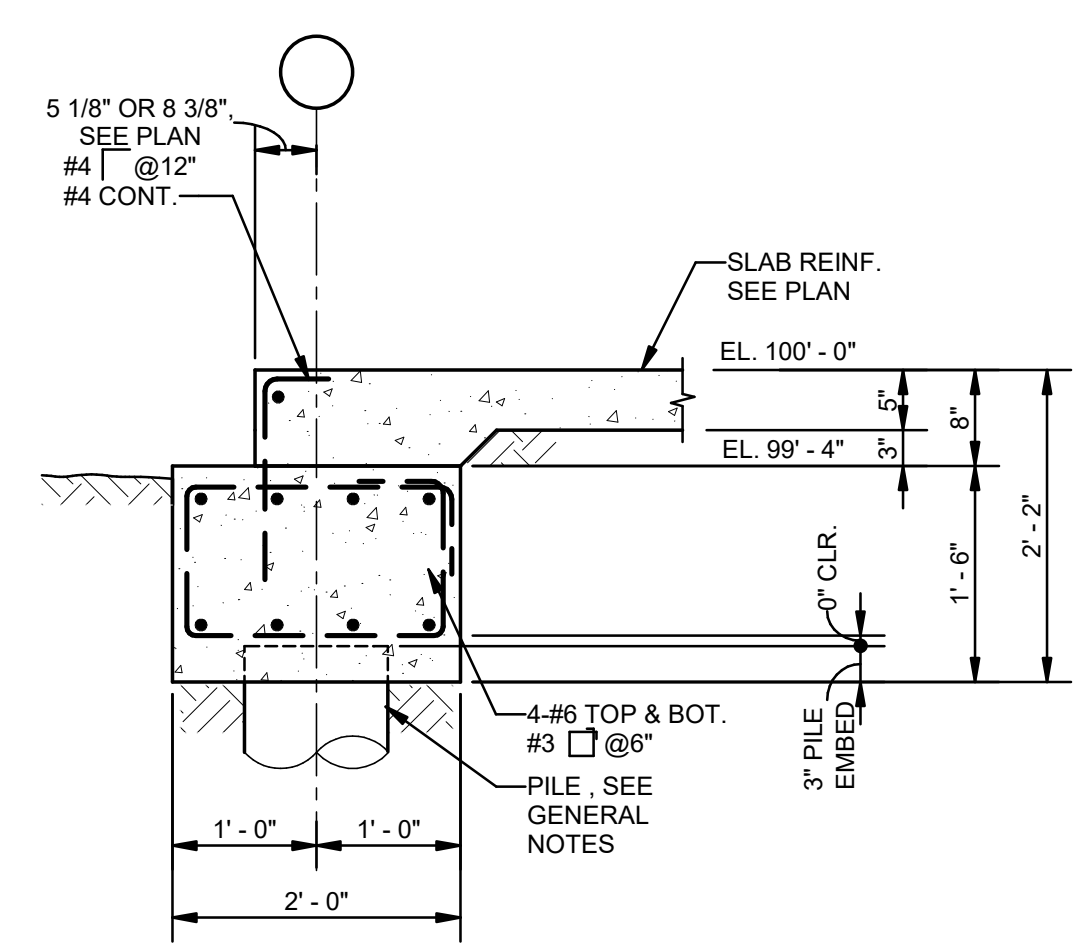
PROJECT TITLE
ST. BERNARD PARISH PUBLIC LIBRARY
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| PERMIT DOCUMENTS | |
|-------------------------------------|-----------------|
| DESIGNED BY: JAS | CHECKED BY: JAS |
| DRAWN BY: HSB | DATE: 05.05.23 |
| SHEET TITLE: HIGH ROOF FRAMING PLAN | |
| PROJECT NO.: MBA - 11884 | SHEET NO.: S103 |
| ABM - 201803 | |

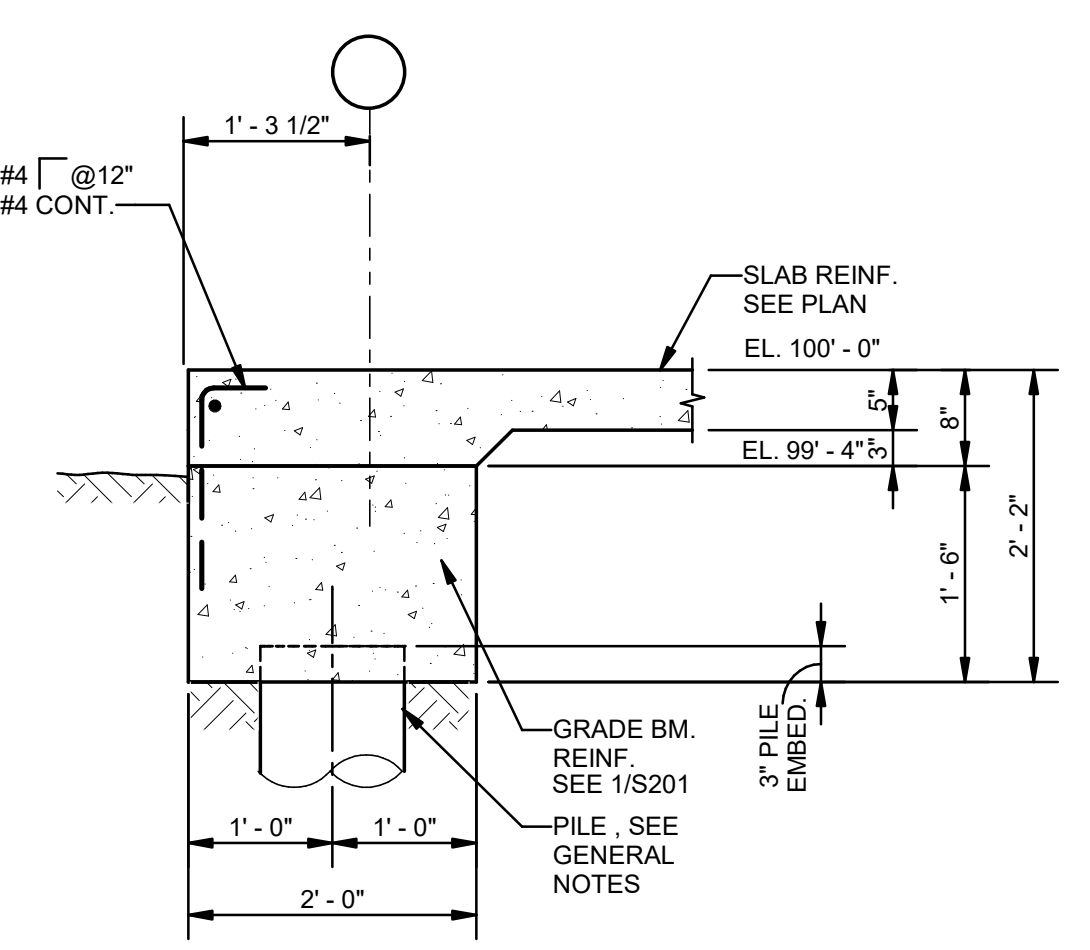
- PLAN NOTES: UNLESS NOTED OTHERWISE:**
 1. TOP OF STEEL VARIES SEE PLAN. ALL HIGH ROOF FRAMING SHALL BE ON A CONSTANT SLOPE AS INDICATED BY THE CONTROL ELEVATIONS ON (B) & (H).
 2. ROOF SYSTEM TO CONSIST OF 1.5 B 20 GALVANIZED METAL ROOF DECKING. SEE ARCHITECTURAL DRAWINGS FOR INSULATION AND ROOFING ON TOP OF DECKING.
 3. - - - - - INDICATES MOMENT CONNECTION. SEE TYPICAL DETAILS.
 4. [Symbol] - INDICATES FLOOR PENETRATIONS FOR HVAC, PLUMBING, ELECTRICAL, ETC. COORDINATE LOCATIONS WITH RESPECTIVE CONSULTANT. PENETRATIONS TO BE CAST WITH SLAB. DO NOT CORE-DRILL OR SAW-CUT PENETRATIONS AFTER THE FLOOR IS CAST.
 5. [Symbol] - INDICATES LATERAL BRACING. SEE ELEVATIONS.
 6. (T) - INDICATES BEAM SHALL HAVE A TAPERED TRIM AT ITS EXTERIOR EDGE. SEE DETAILS.
 7. (R) - INDICATES GIRDER SHALL BE ROTATED TO ALIGN TOP FLANGE WITH ROOF SLOPE. CENTER OF BOTTOM FLANGE SHALL ALIGN WITH COLUMN GRID.
 8. EXT - INDICATES JOIST EXTENSION. SEE NOTE TO JOIST DESIGNER ABOVE, AND SEE 15/5003.

1 HIGH ROOF FRAMING PLAN
 S103 1/8" = 1'-0"

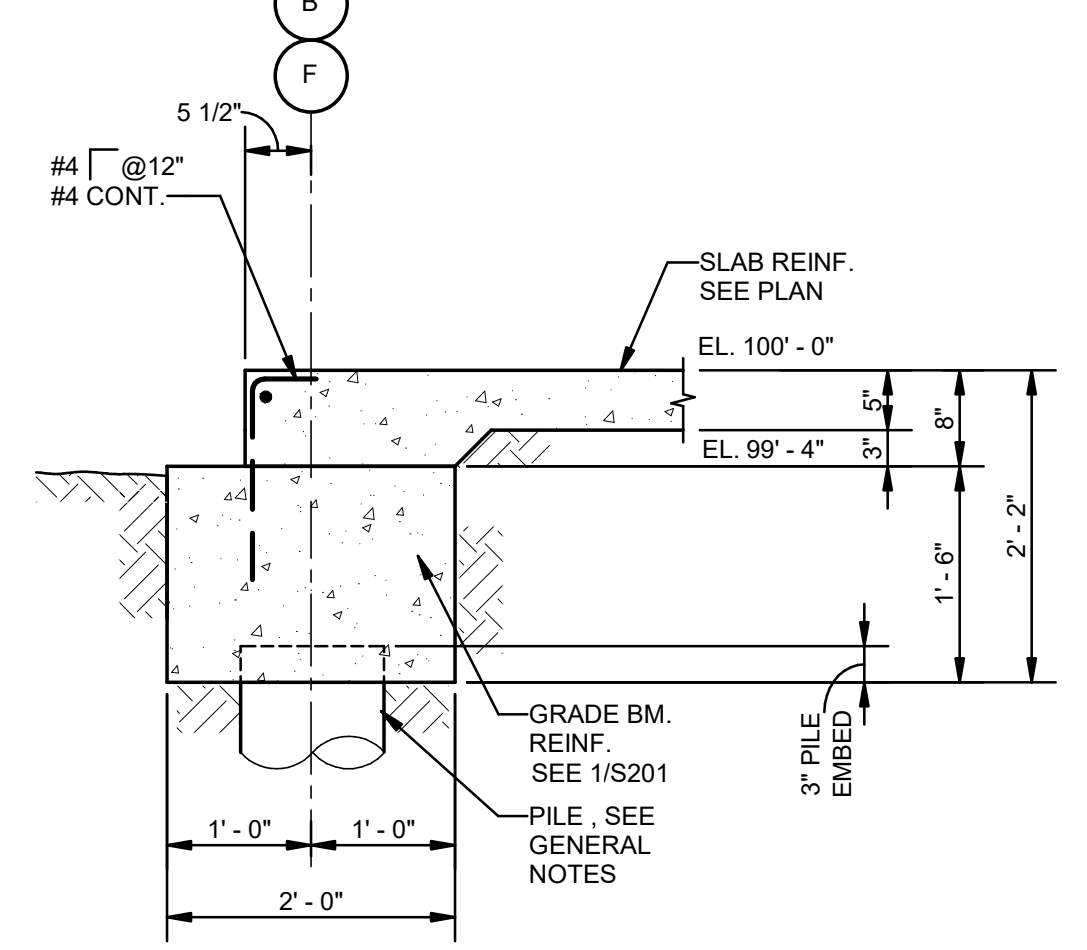




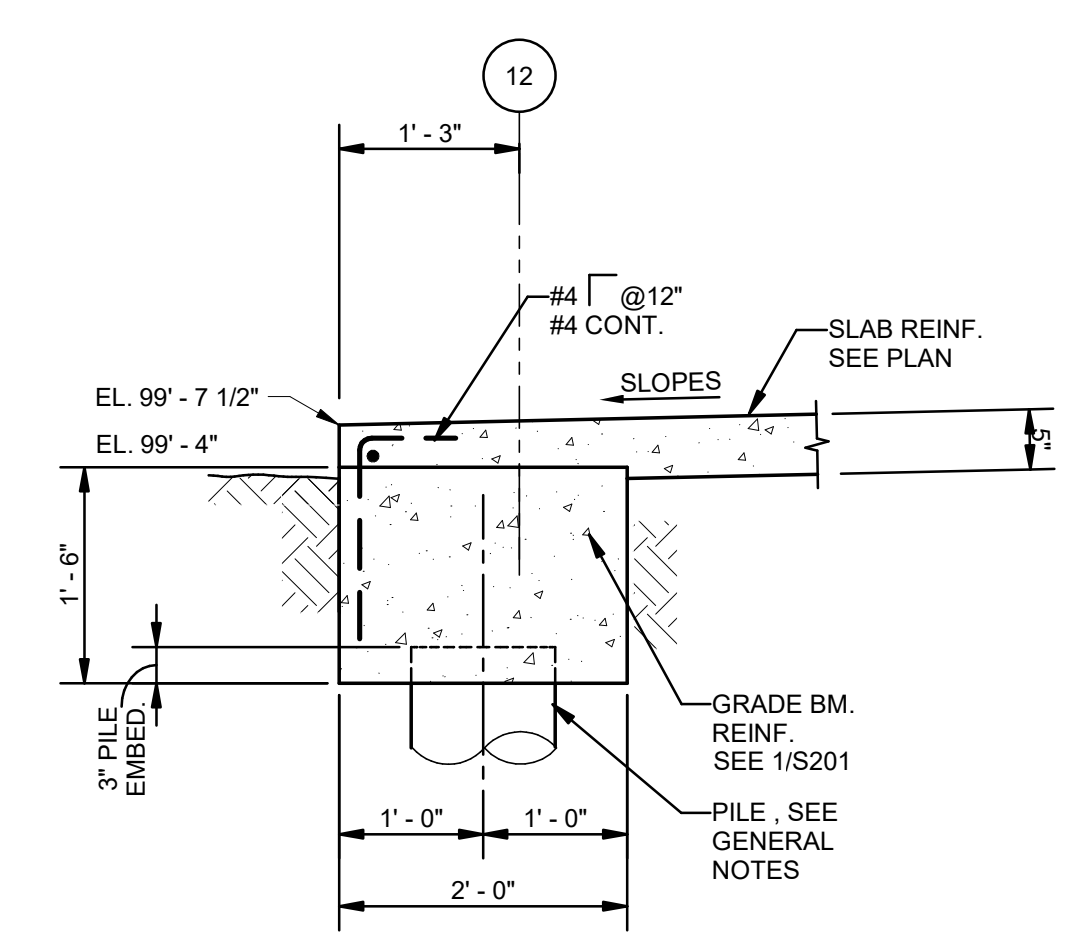
1 SECTION
S201 3/4" = 1'-0"



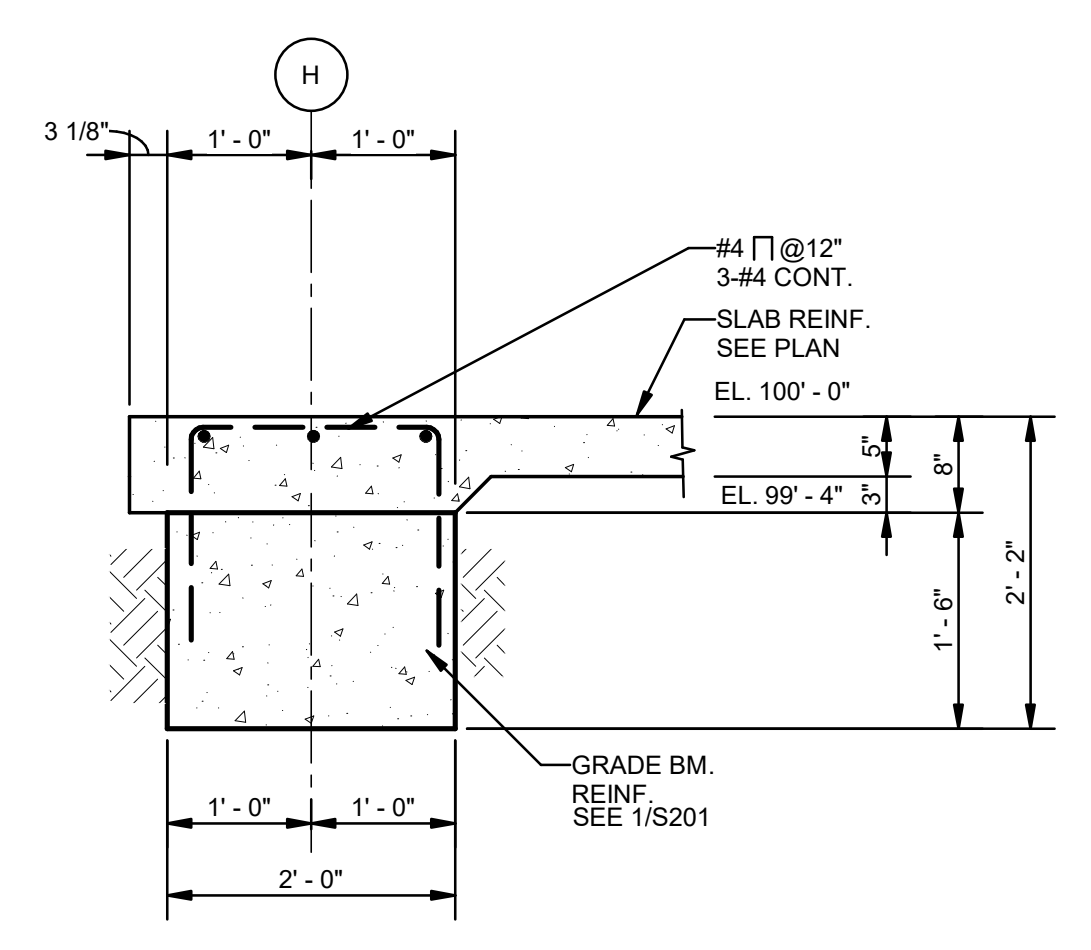
2 SECTION
S201 3/4" = 1'-0"



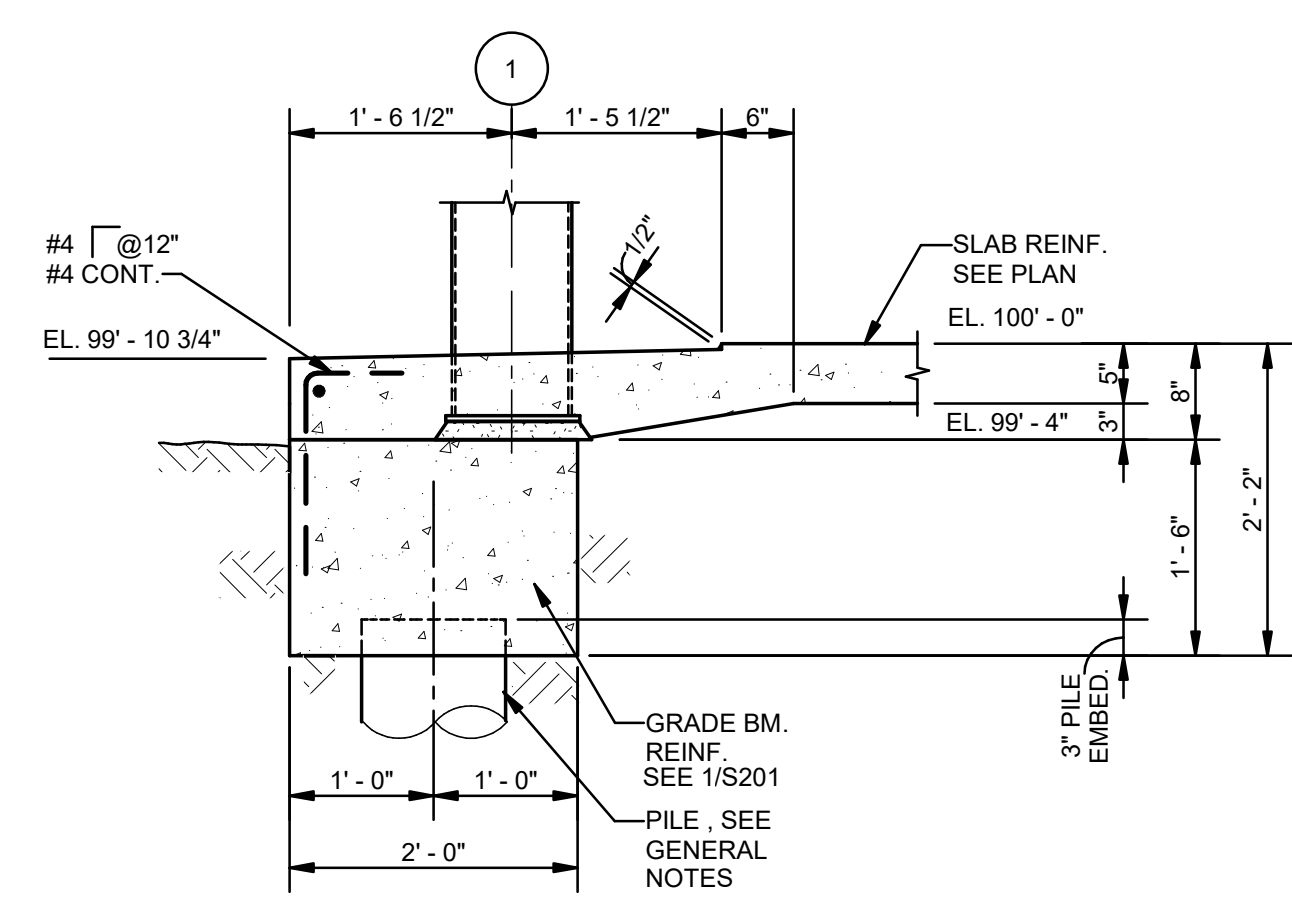
3 SECTION
S201 3/4" = 1'-0"



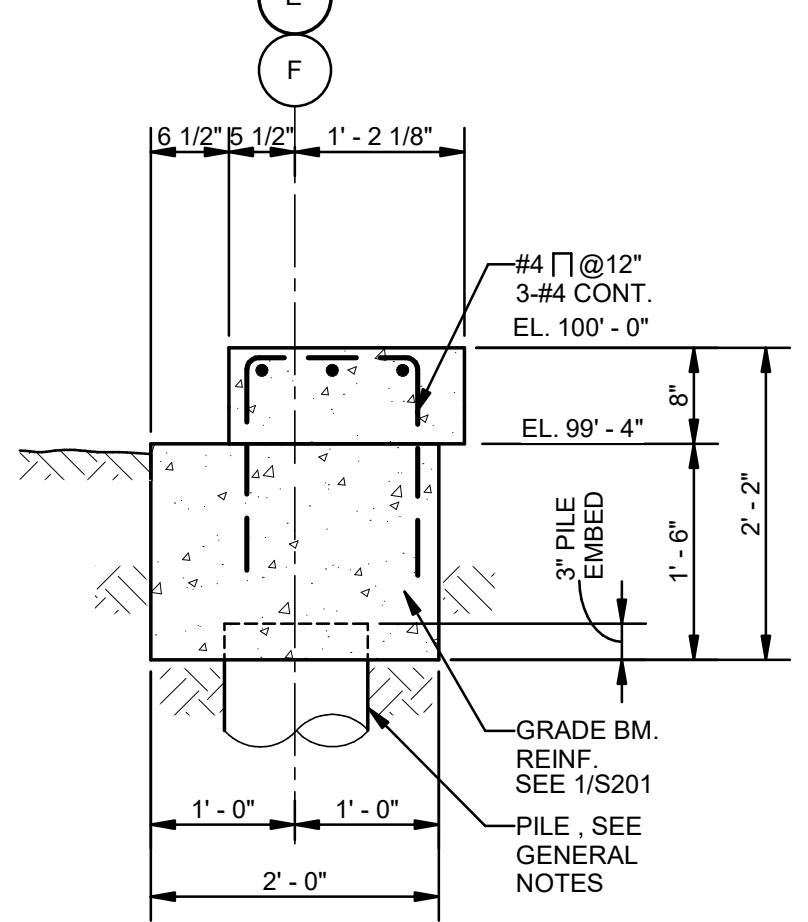
4 SECTION
S201 3/4" = 1'-0"



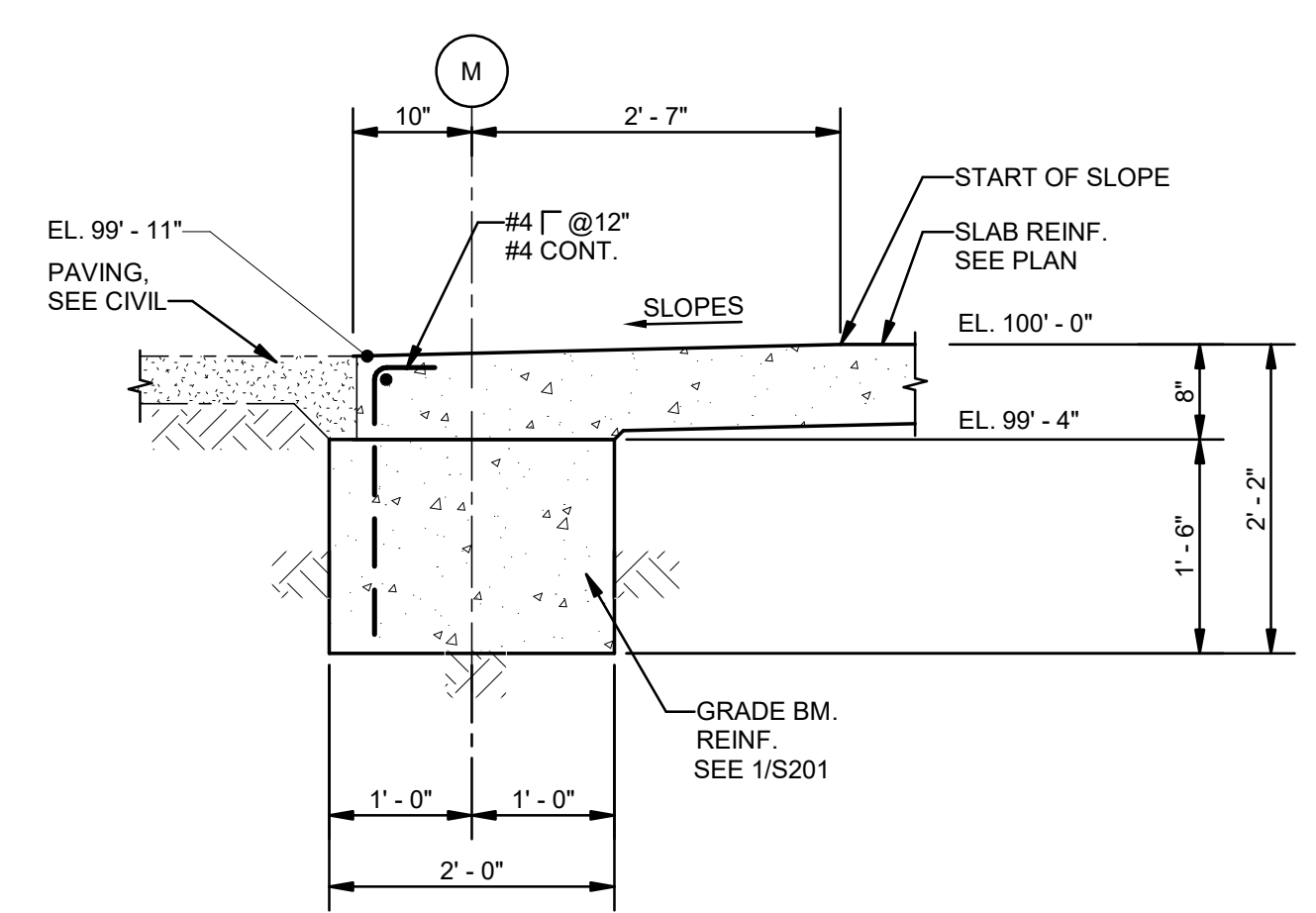
5 SECTION
S201 3/4" = 1'-0"



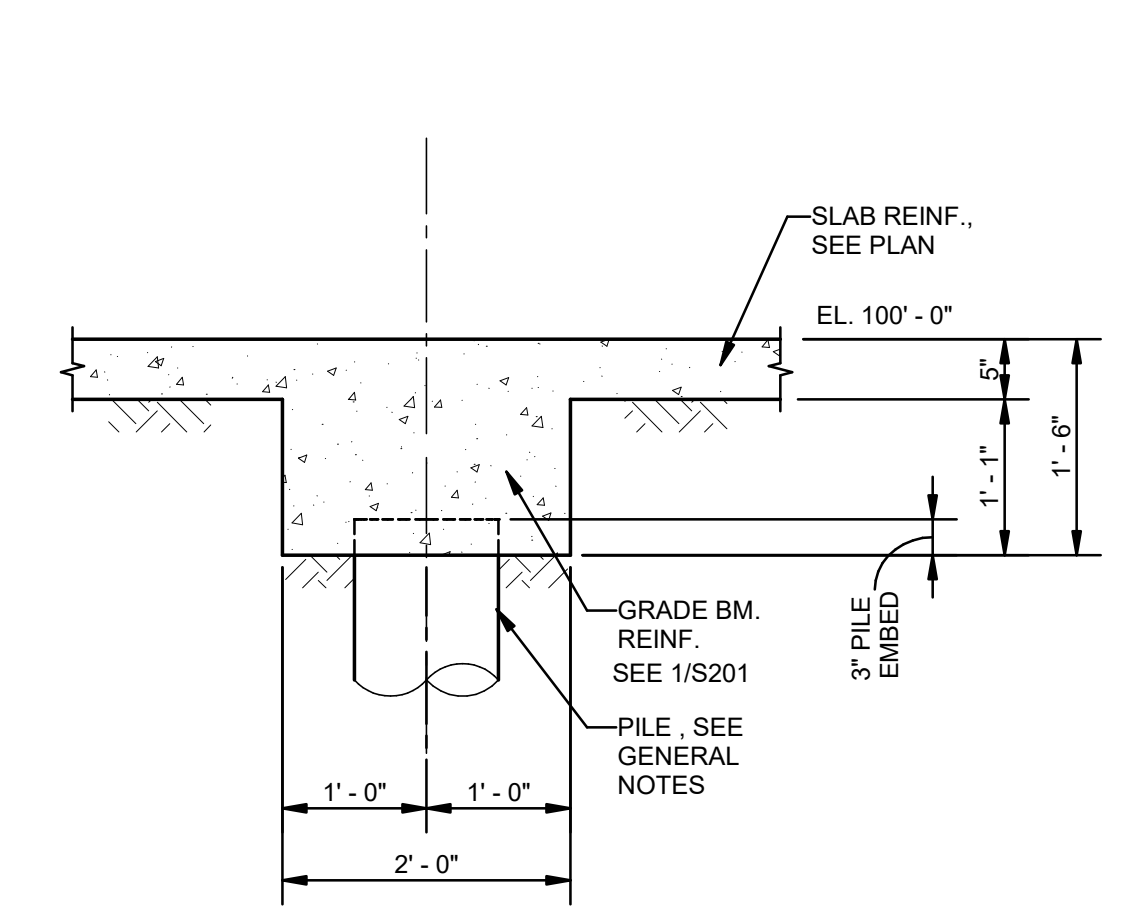
6 SECTION
S201 3/4" = 1'-0"



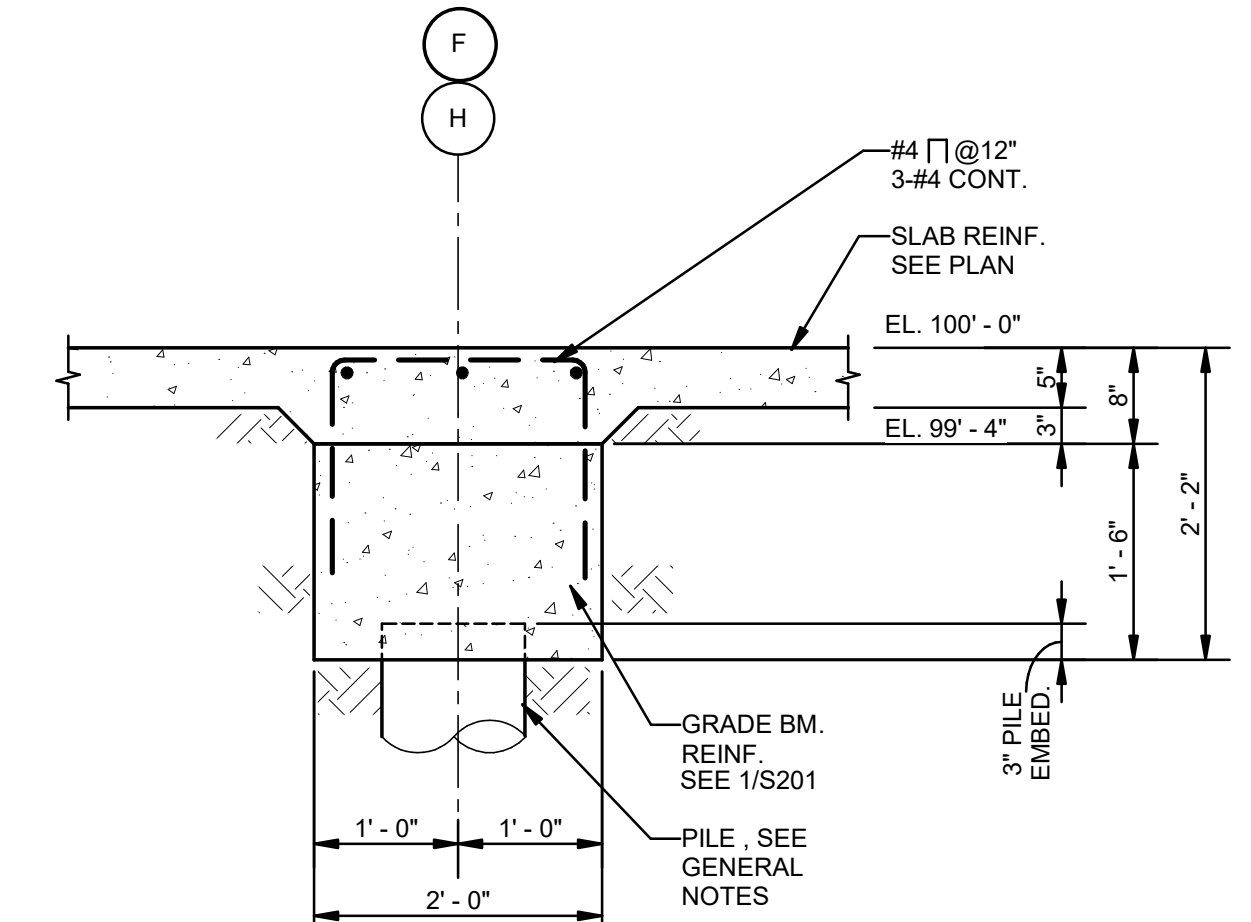
7 SECTION
S201 3/4" = 1'-0"



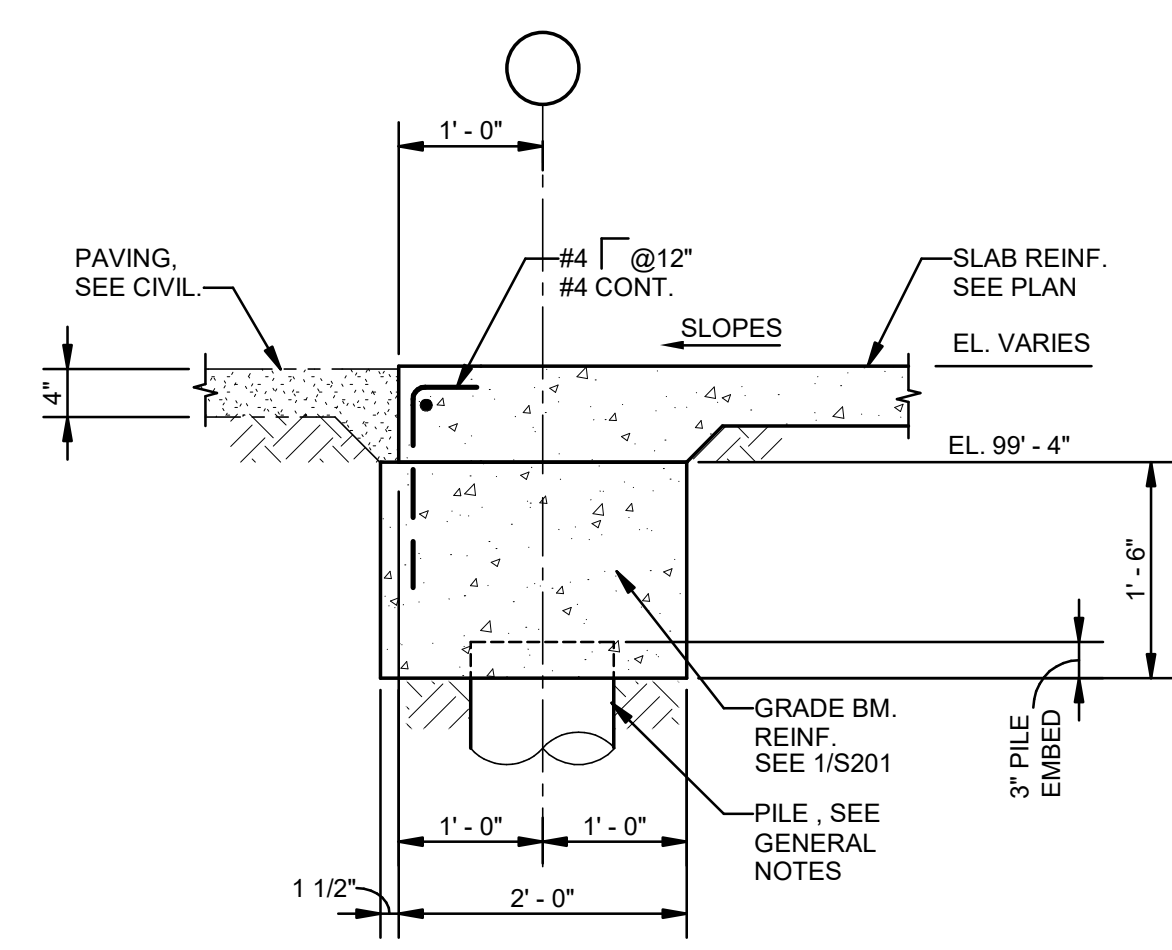
8 SECTION
S201 3/4" = 1'-0"



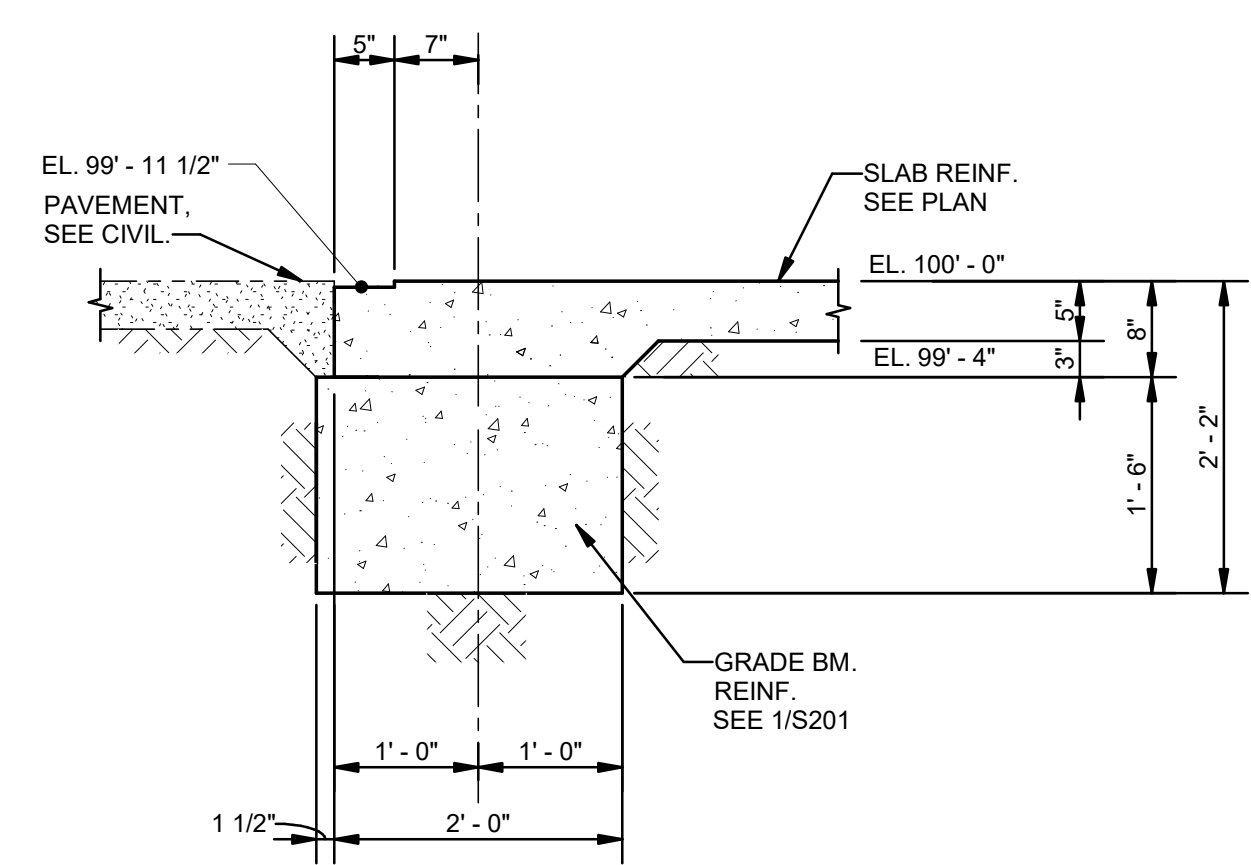
9 SECTION
S201 3/4" = 1'-0"



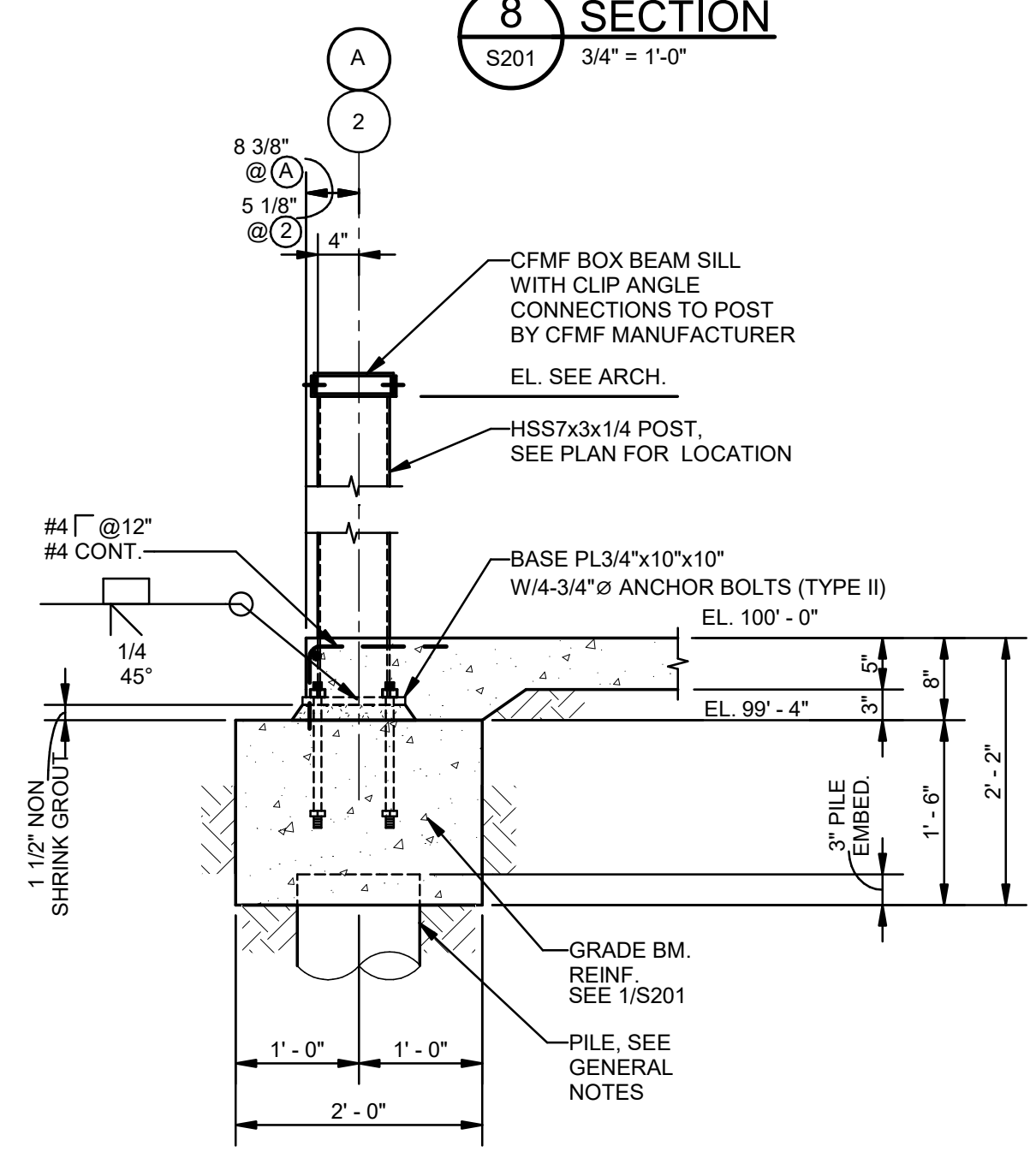
10 SECTION
S201 3/4" = 1'-0"



11 SECTION
S201 3/4" = 1'-0"

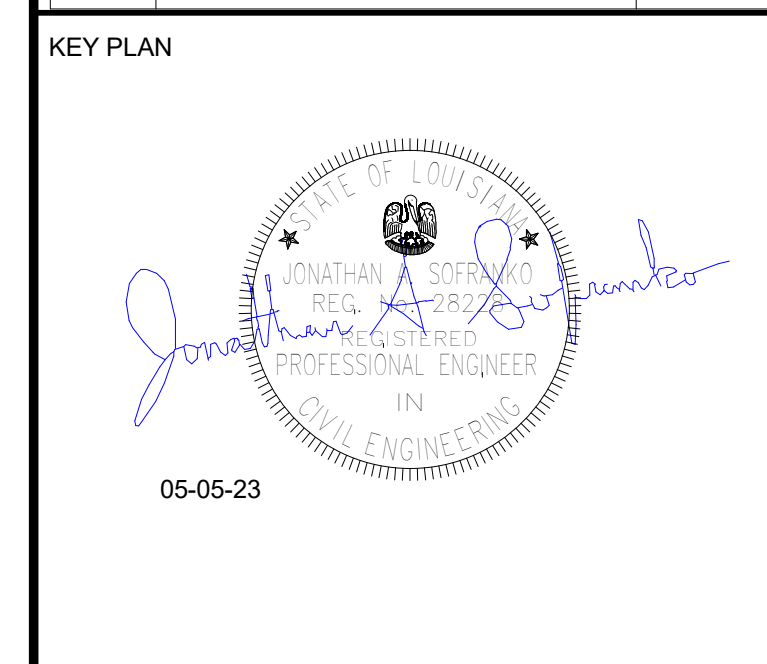


12 SECTION
S201 3/4" = 1'-0"



13 SECTION
S201 3/4" = 1'-0"

| No. | Description | Date |
|-----|-------------|----------|
| 1 | 75% CD | 04-02-20 |
| 2 | 95% CD | Date 2 |



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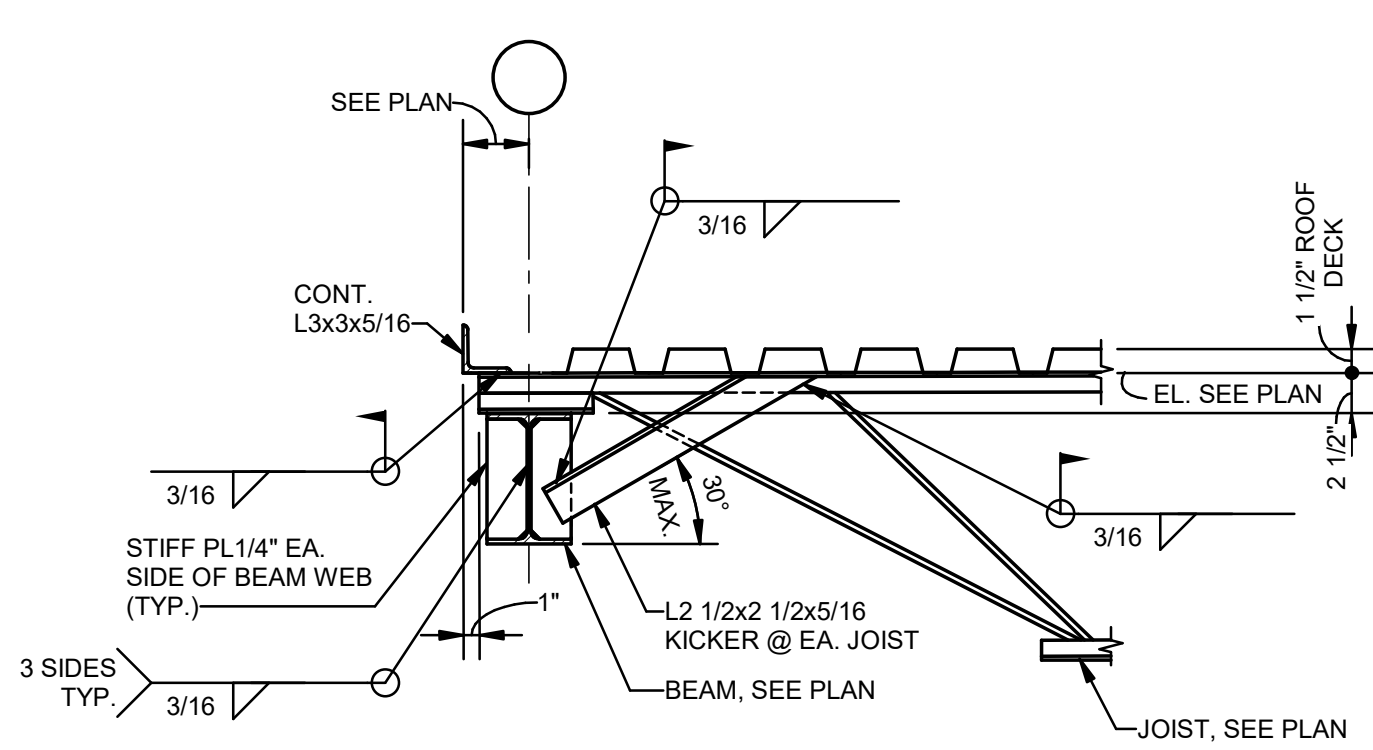
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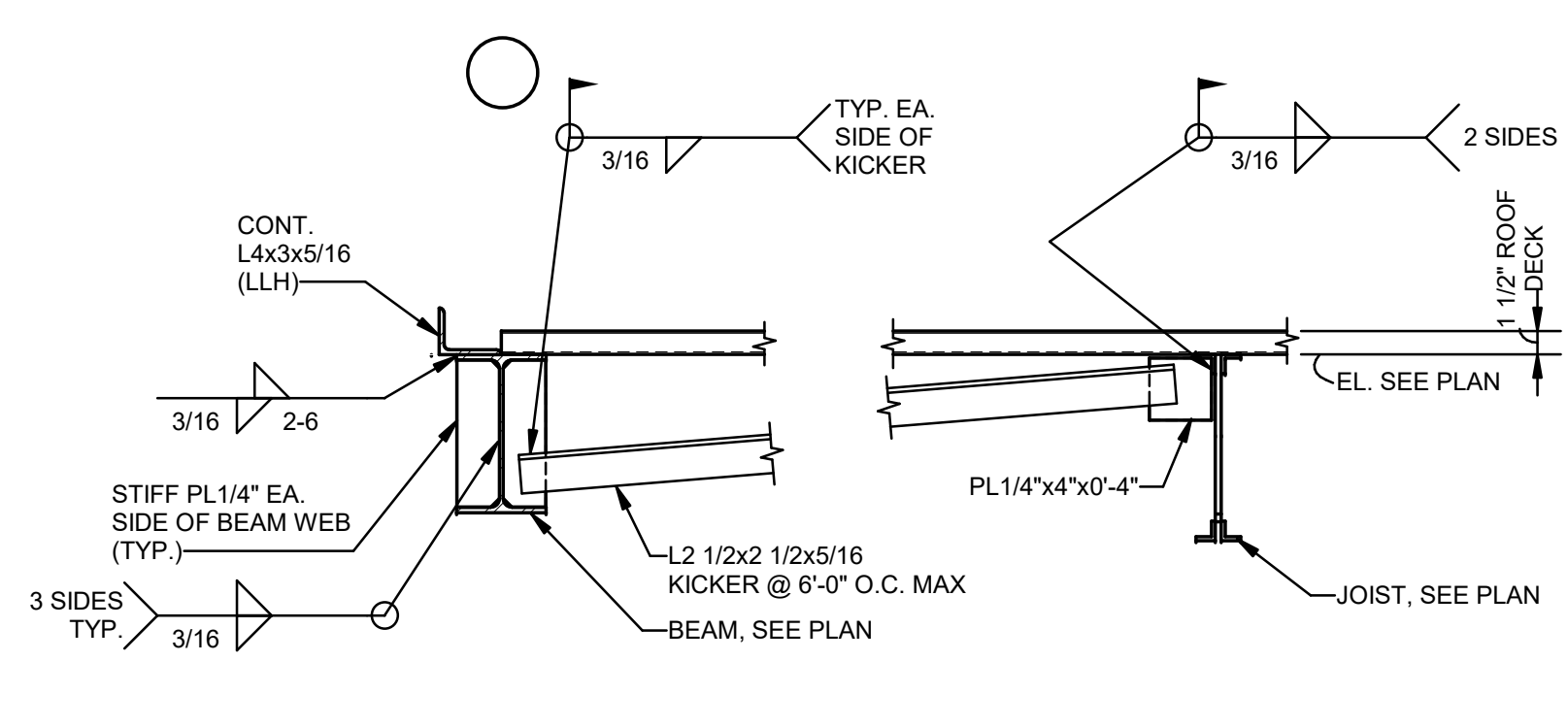
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| DESIGNED BY | JAS | CHECKED BY | Checker |
| DRAWN BY | HSB | DATE | 05.05.23 |
| SHEET TITLE | SECTIONS | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | S201 |
| | ABM - 201803 | | |



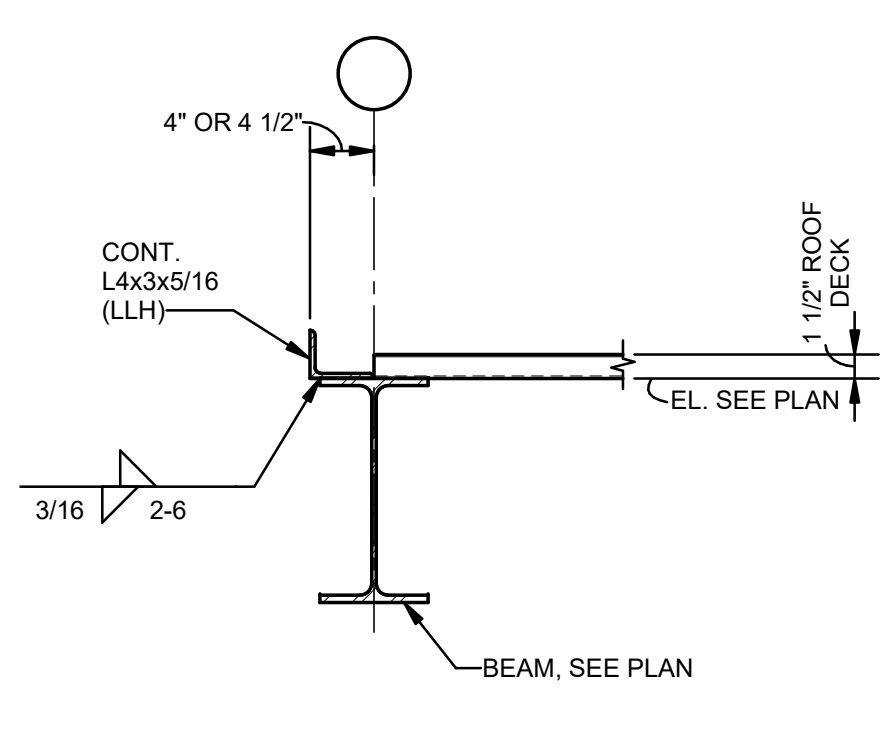
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MAKOFSKY
INCORPORATED**
CONSULTING ENGINEERS
(504)488-1317
JOB NO. 19192



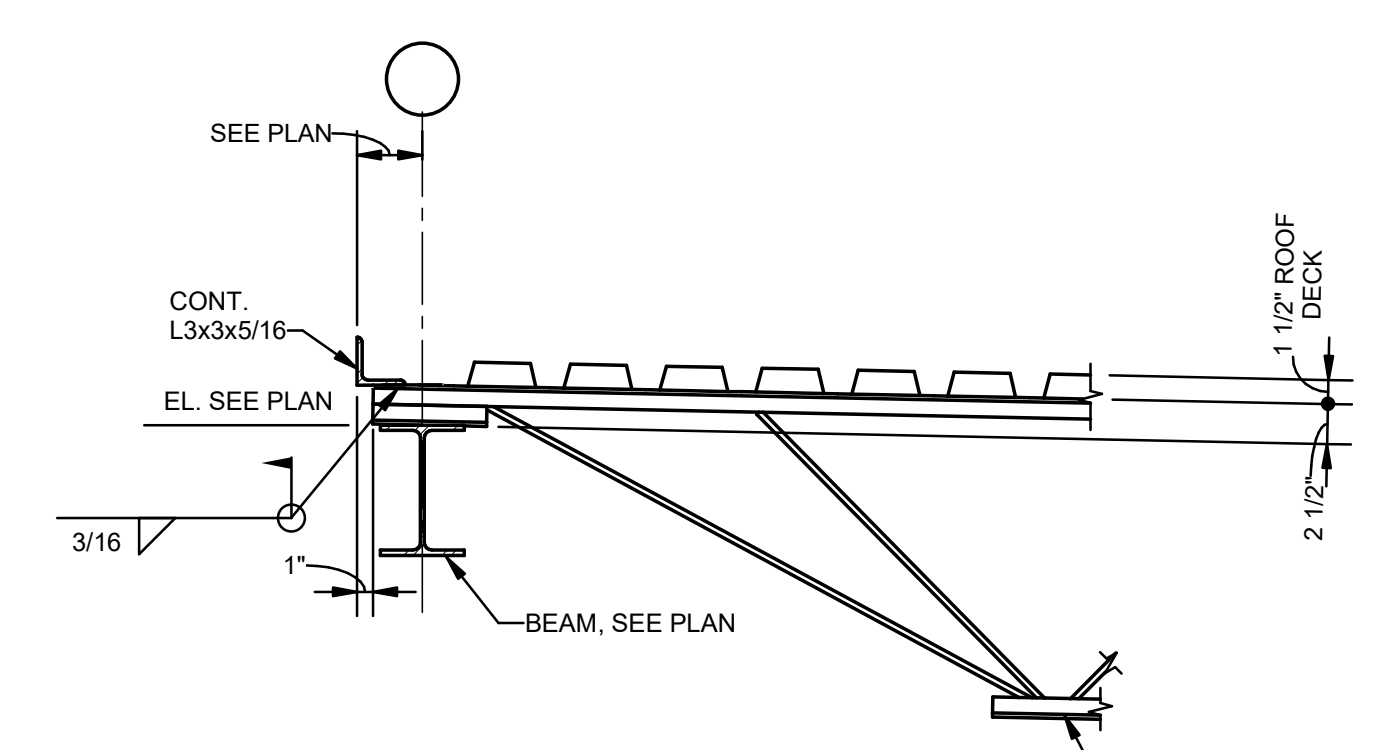
1 SECTION
S301 1" = 1'-0"



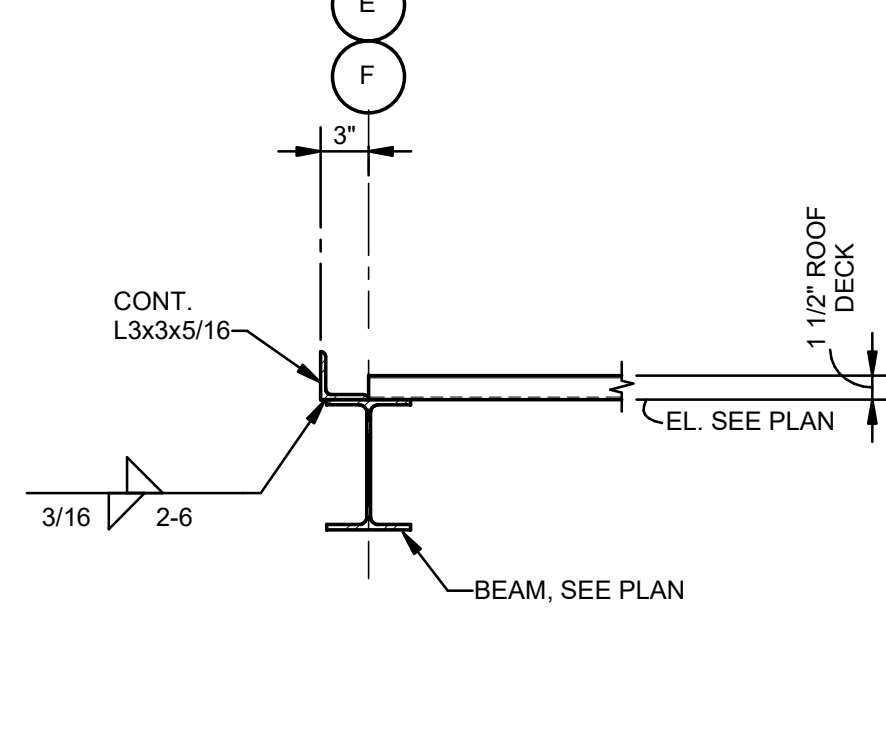
2 SECTION
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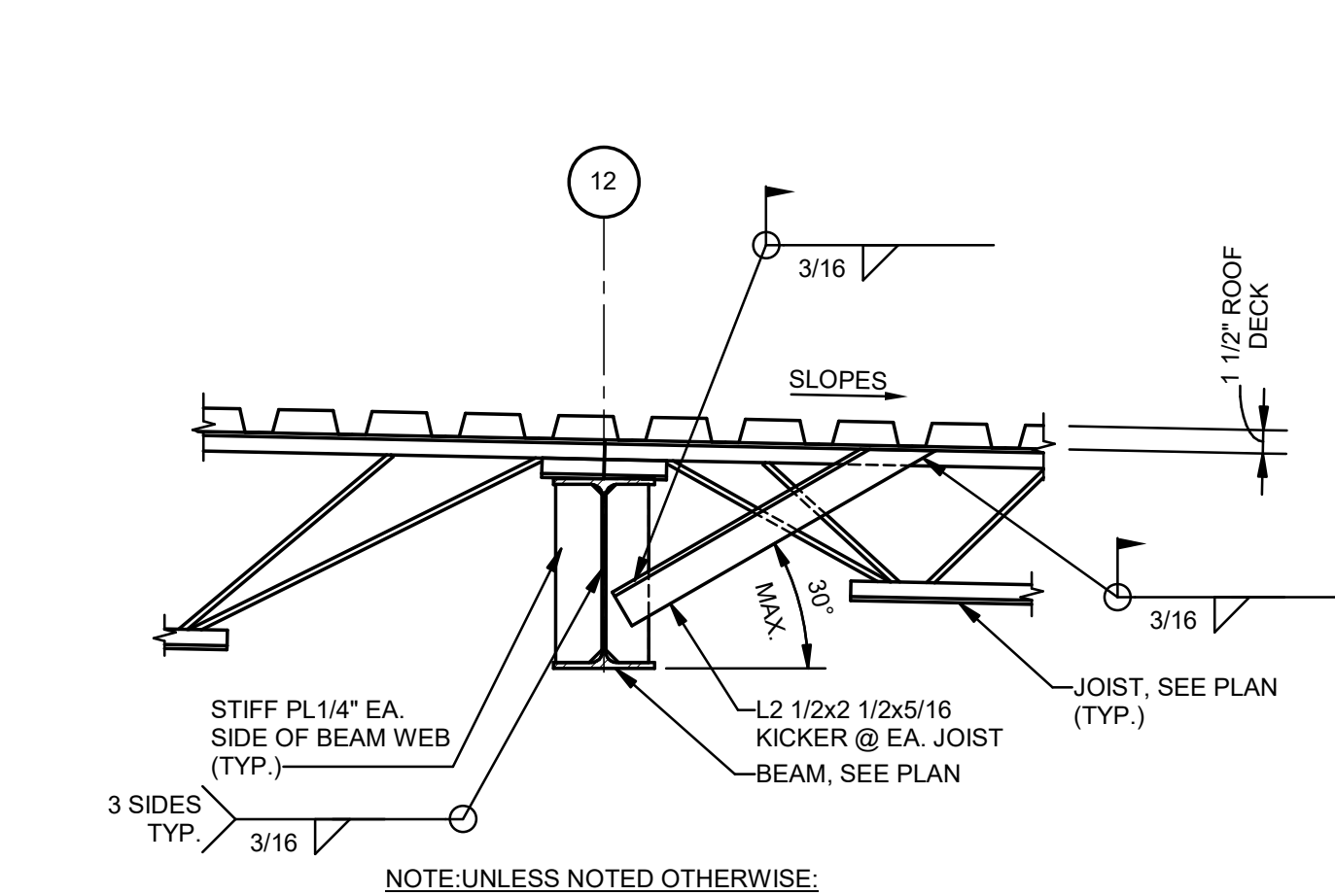
3 SECTION
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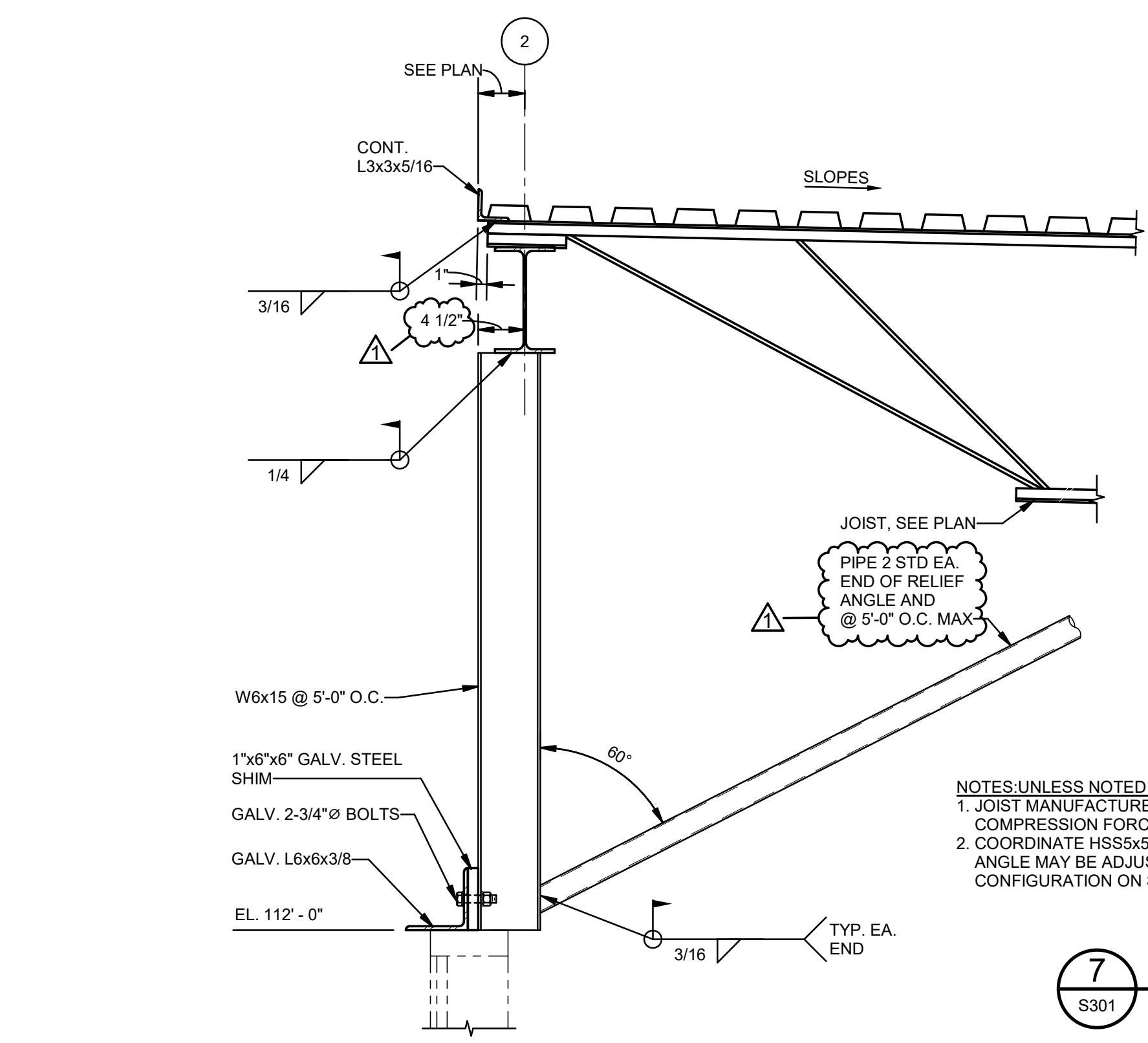
4 SECTION
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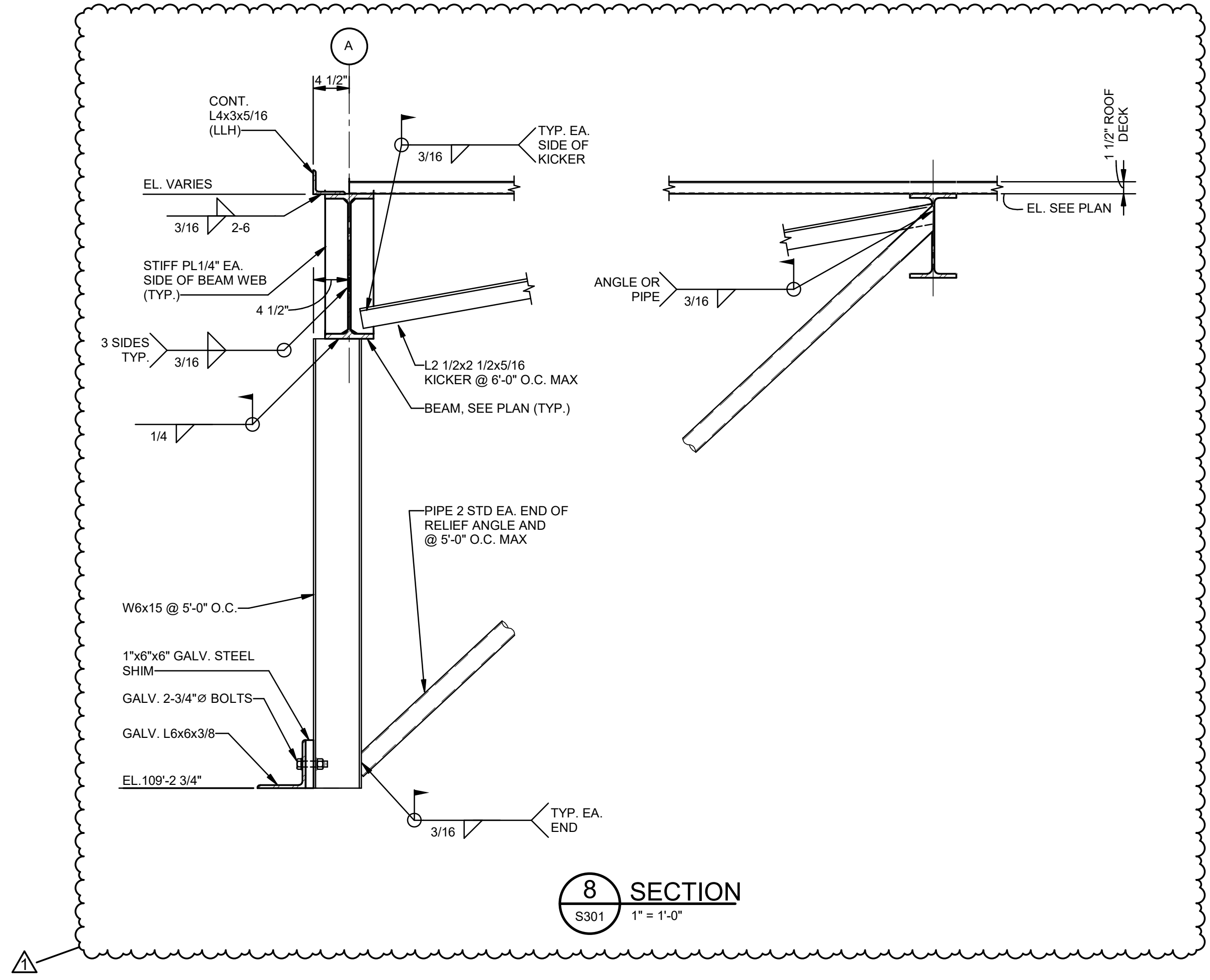
5 SECTION
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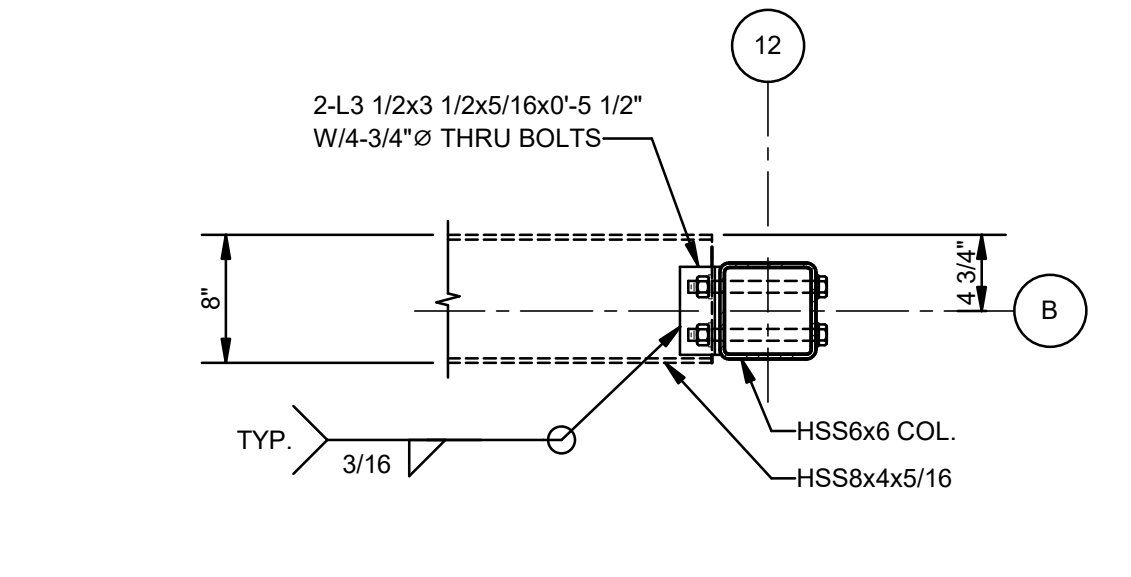
6 SECTION
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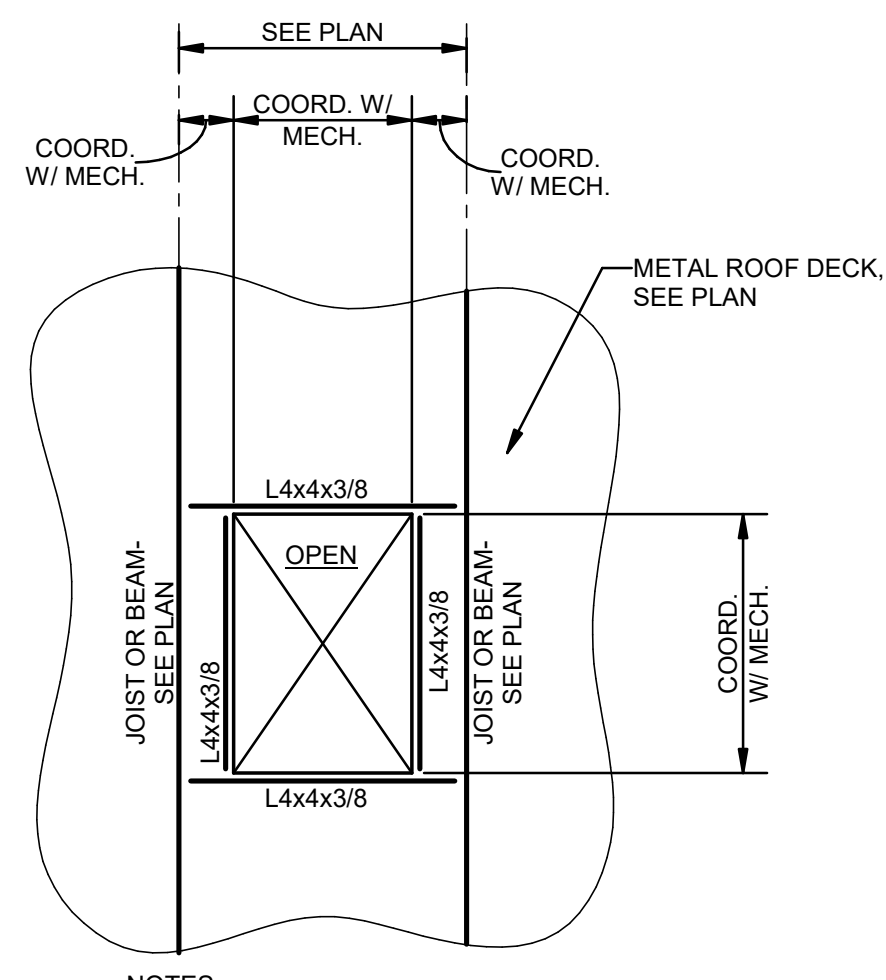
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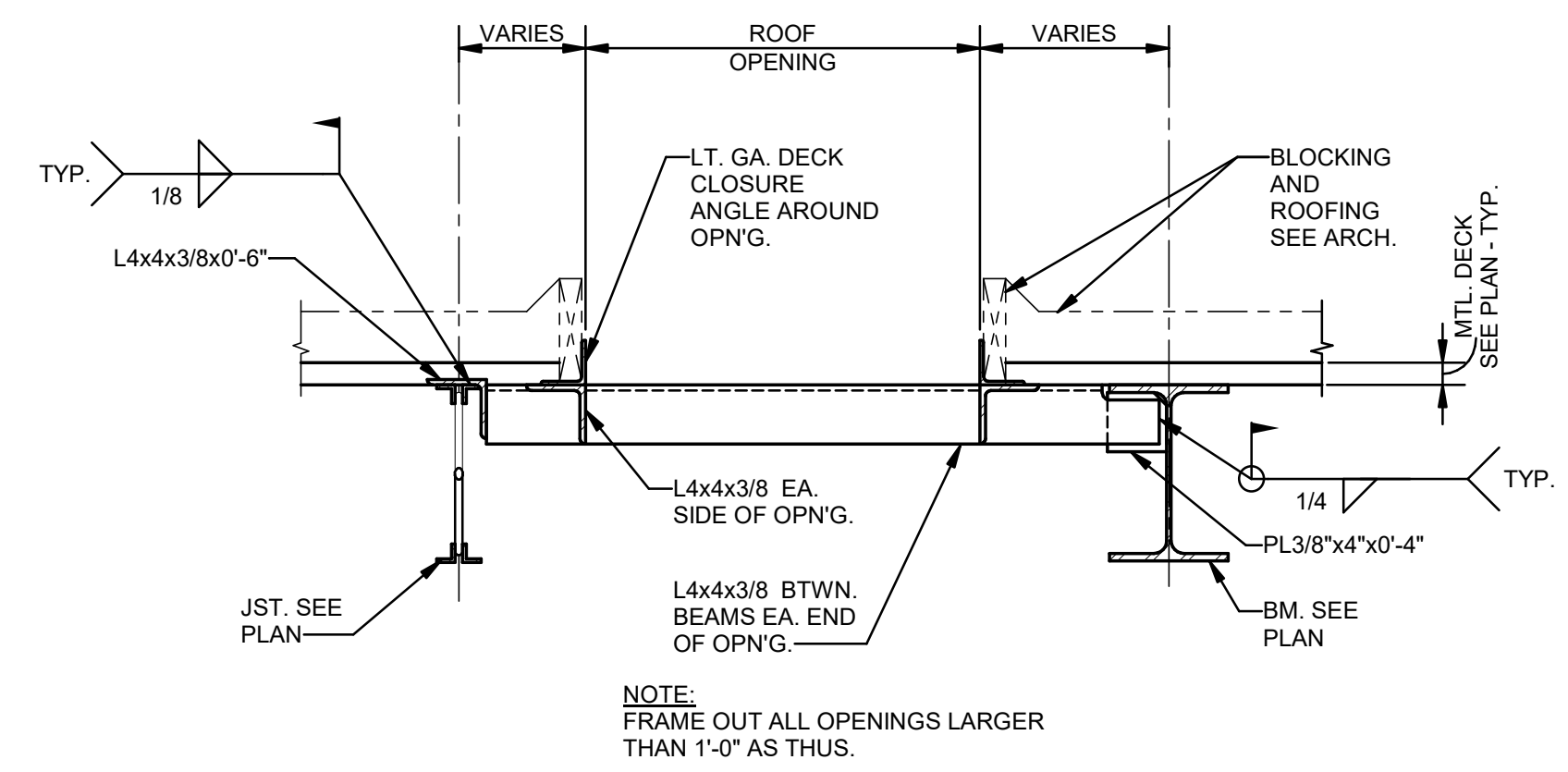
8 SECTION
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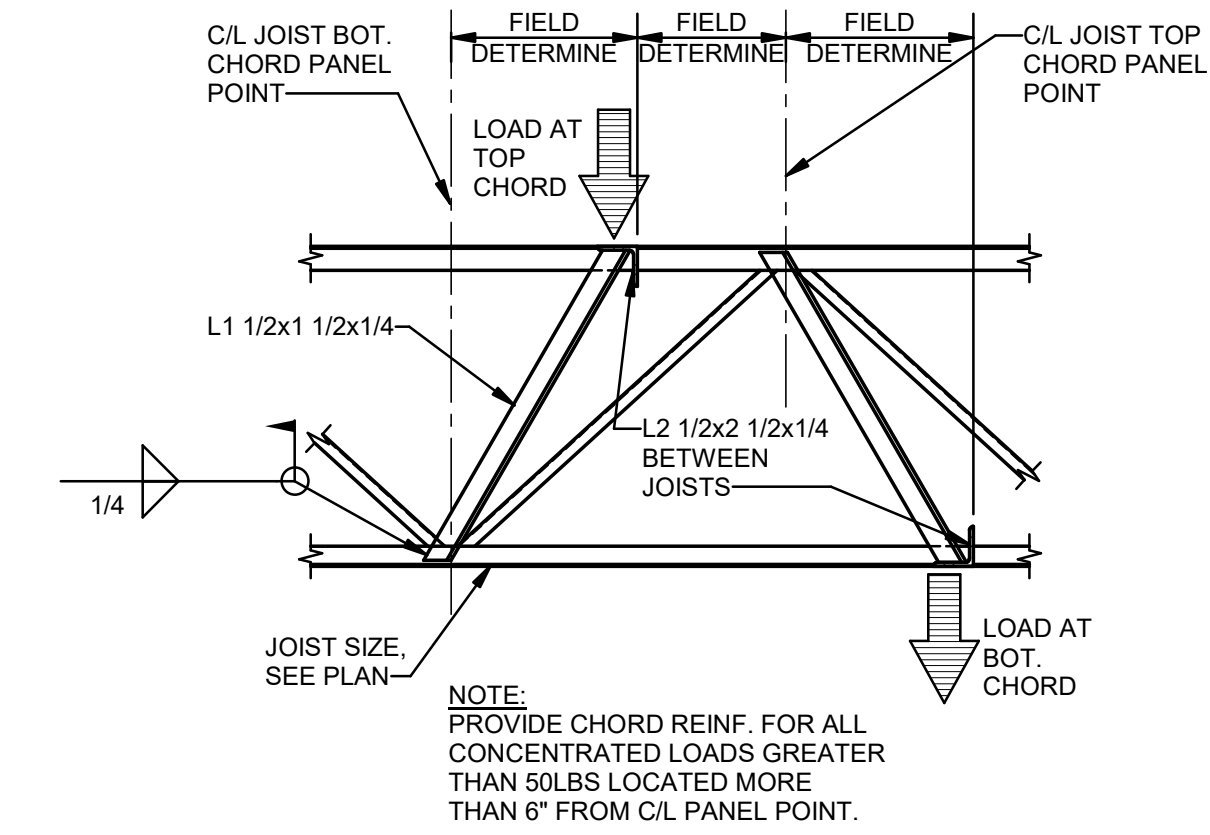
9 PLAN DETAIL
S301 1" = 1'-0"



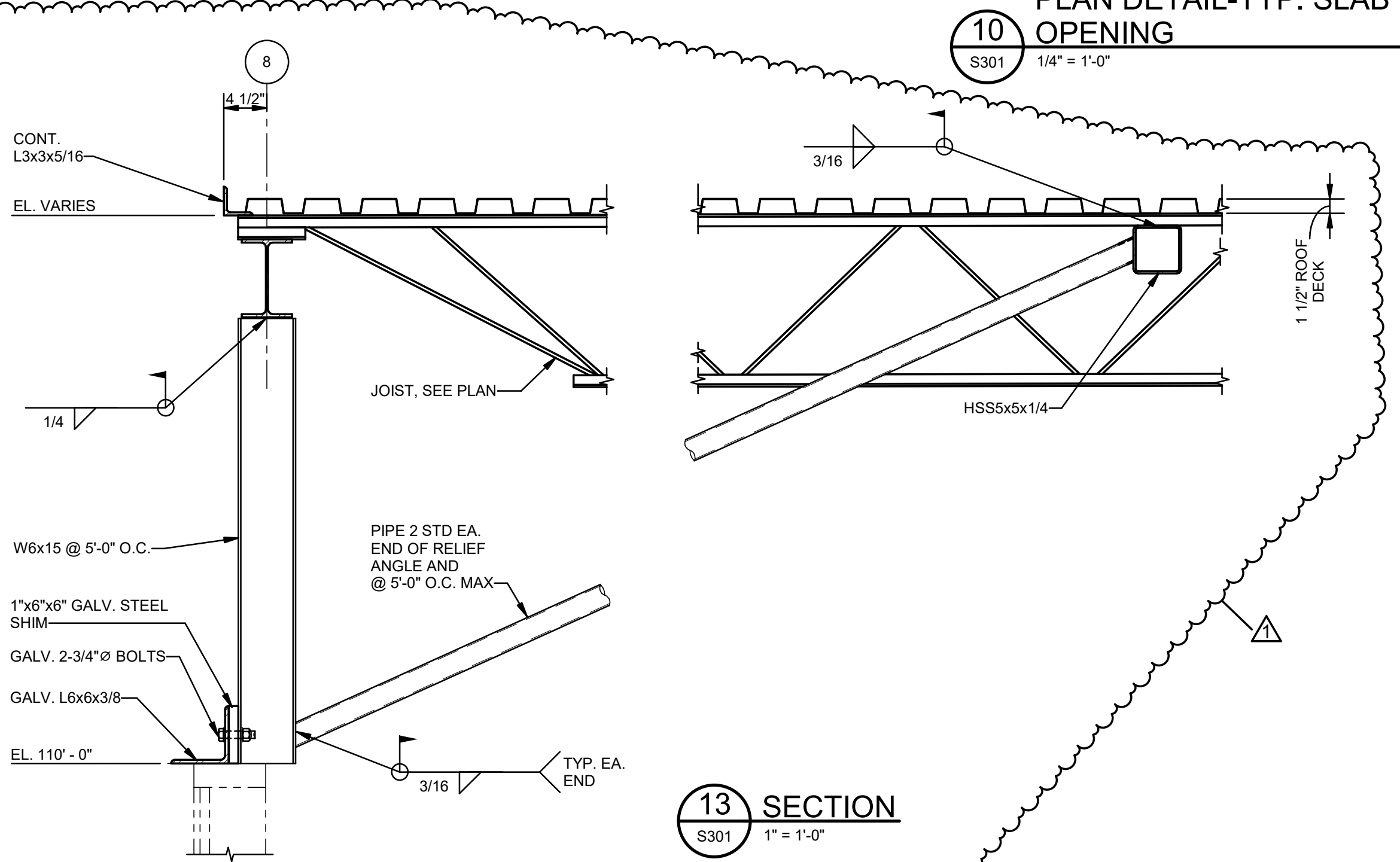
10 PLAN DETAIL-TYP. SLAB OPENING
S301 1/4" = 1'-0"



11 DETAIL-TYP. ROOF OPENING
S301 1" = 1'-0"

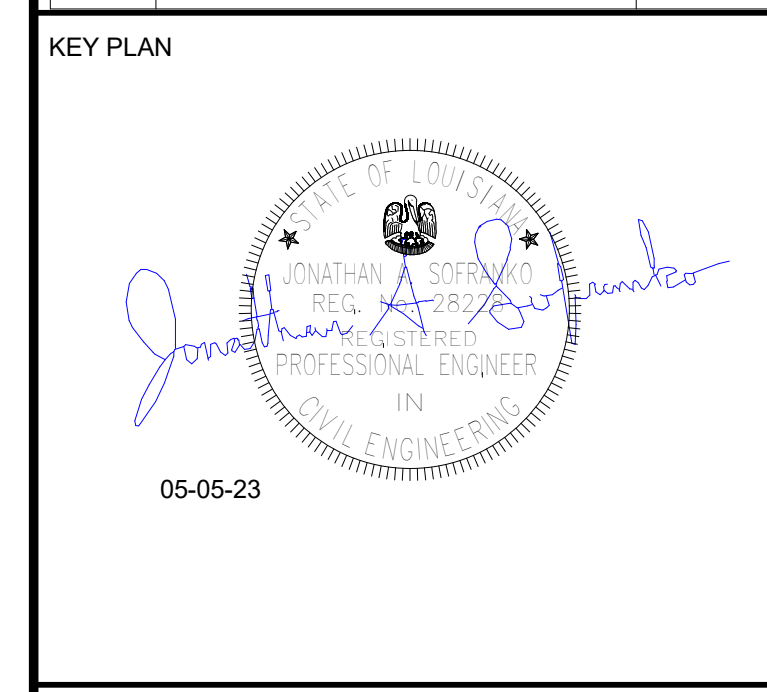


12 DETAIL-TYPICAL JOIST REINF. AT CONCENTRATED LOAD
S301 1" = 1'-0"



13 SECTION
S301 1" = 1'-0"

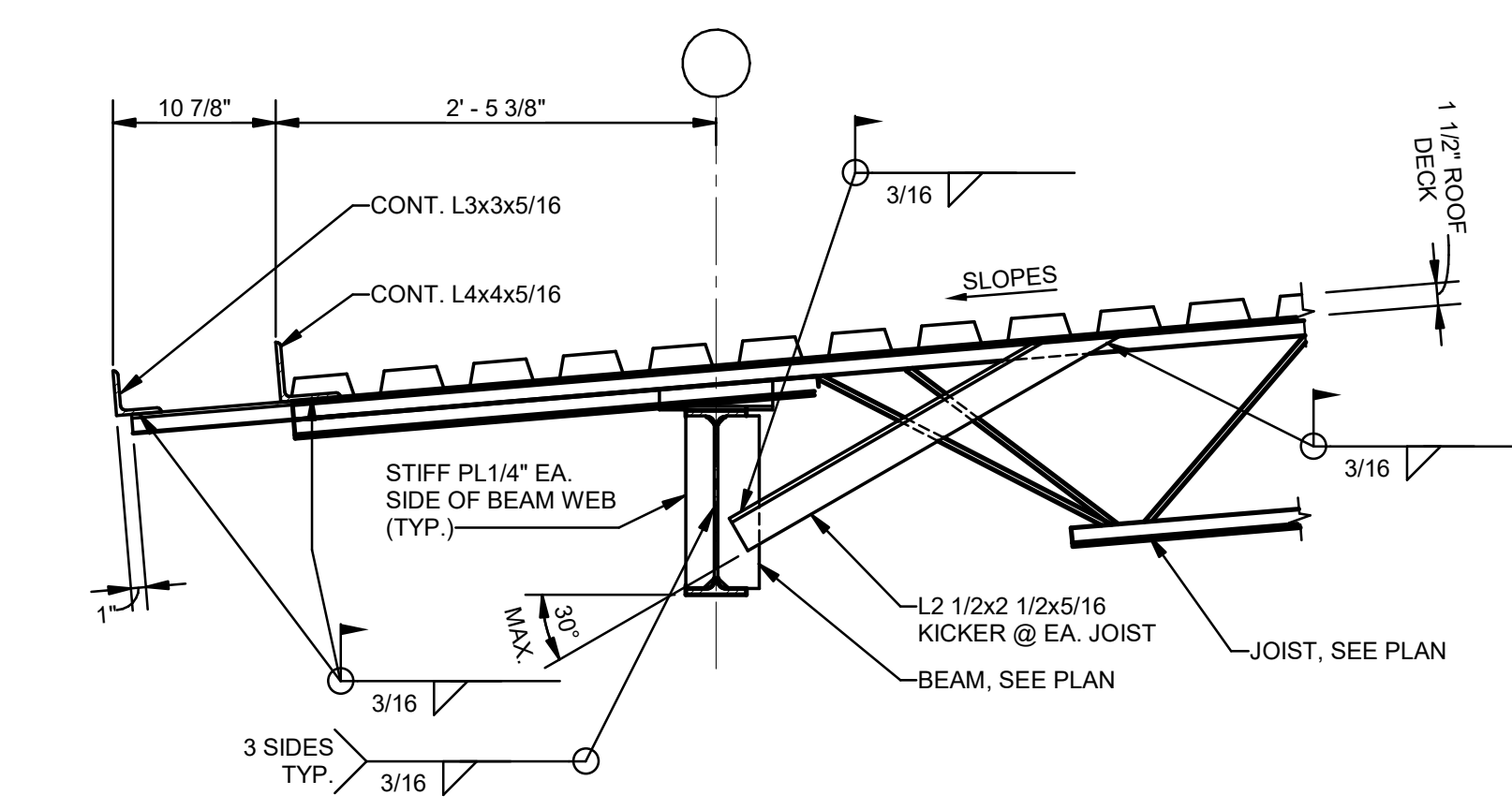
| No. | Description | Date |
|-----|---------------|----------|
| 1 | Addendum No 2 | 05-30-23 |



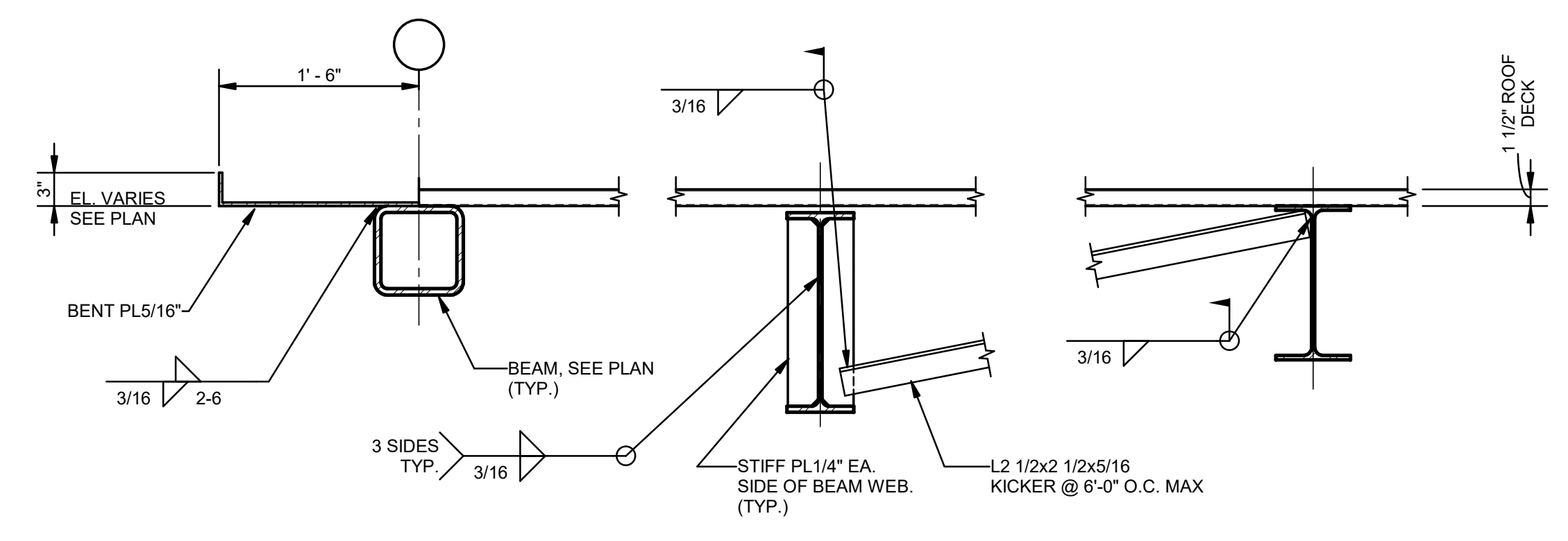
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 New Orleans, Louisiana 70176-4100
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 Lafayette, Louisiana 70503
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 SHEET TITLE SECTIONS
 PROJECT NO. MBA - 11884
 ABM - 201803
 SHEET NO. S301

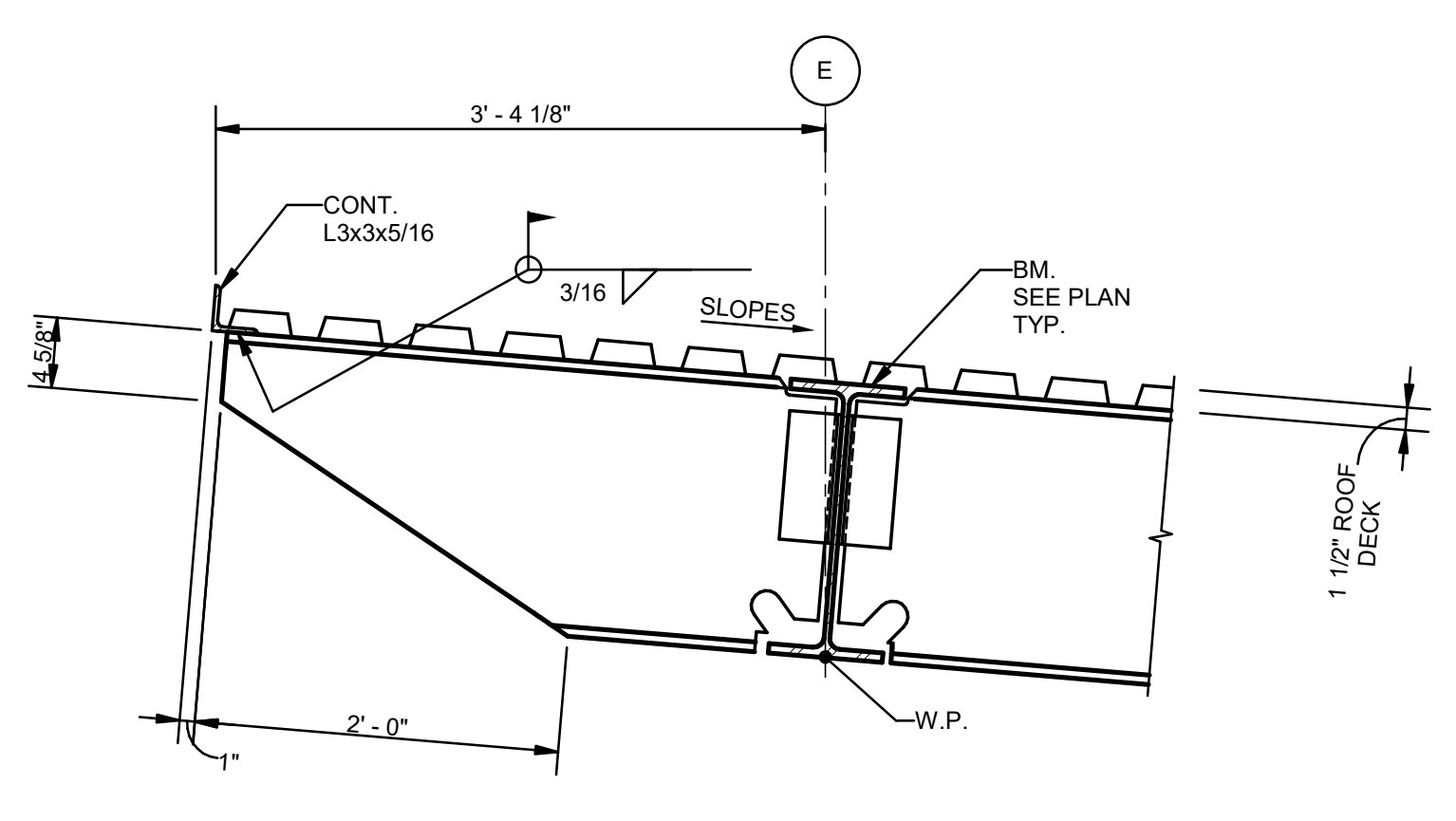




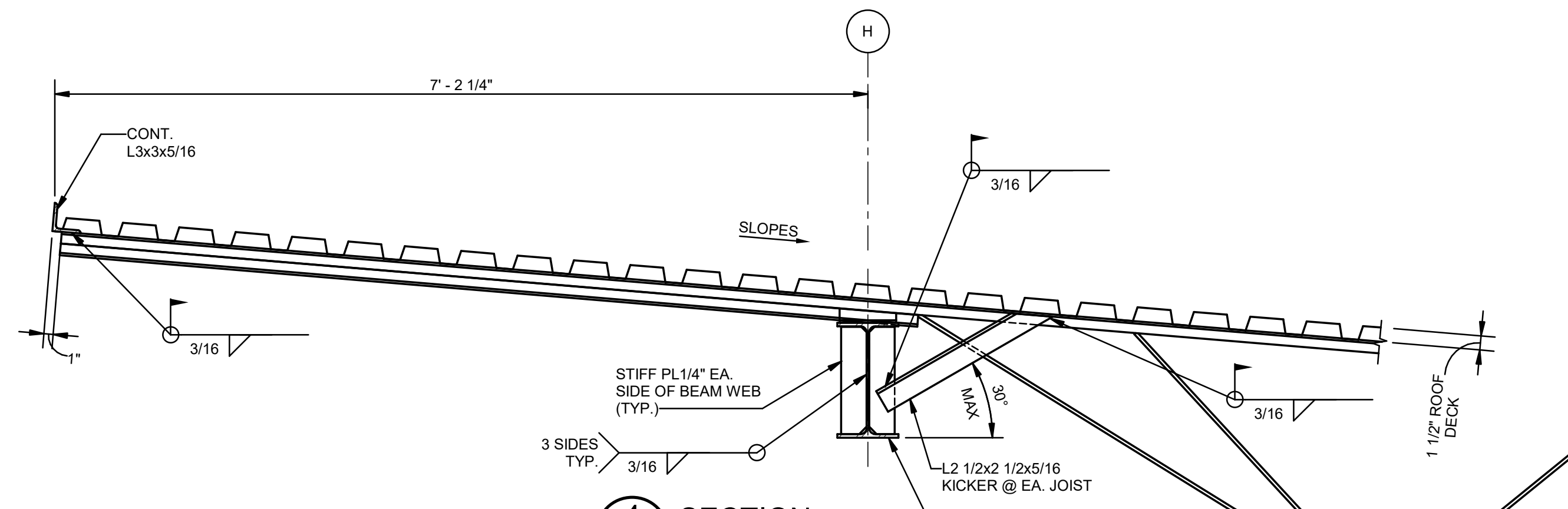
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S302 1" = 1'-0"



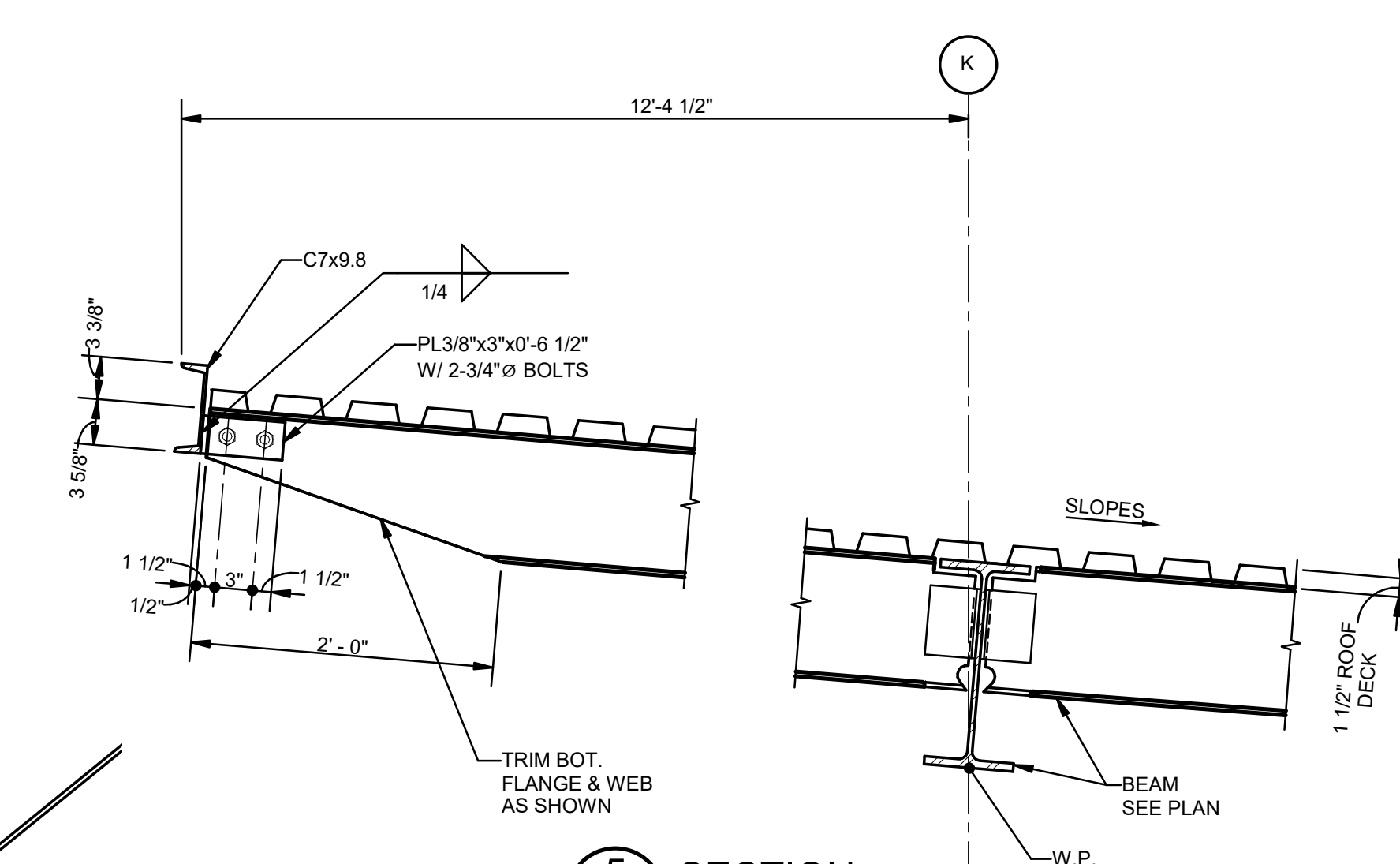
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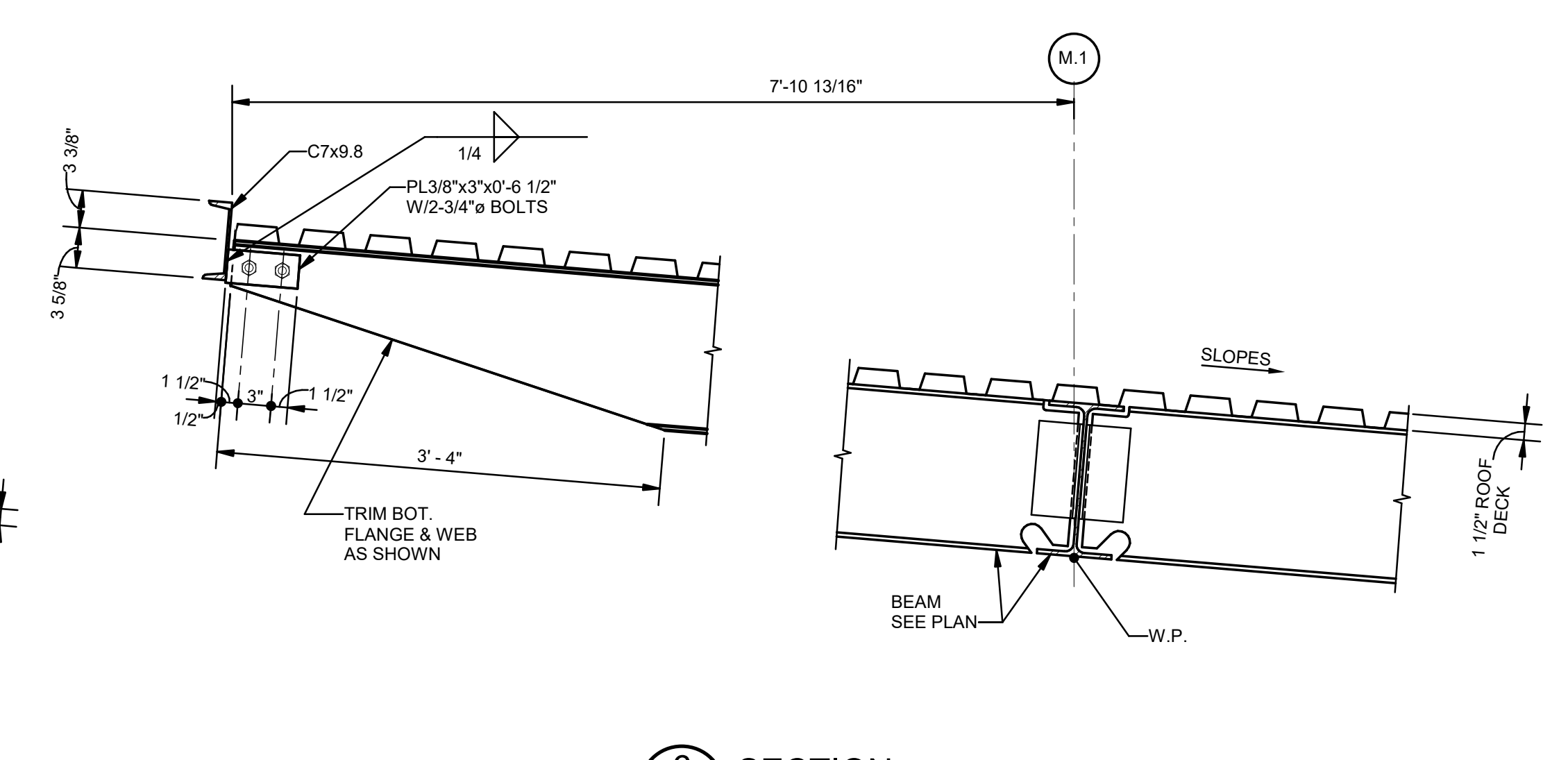
3 SECTION
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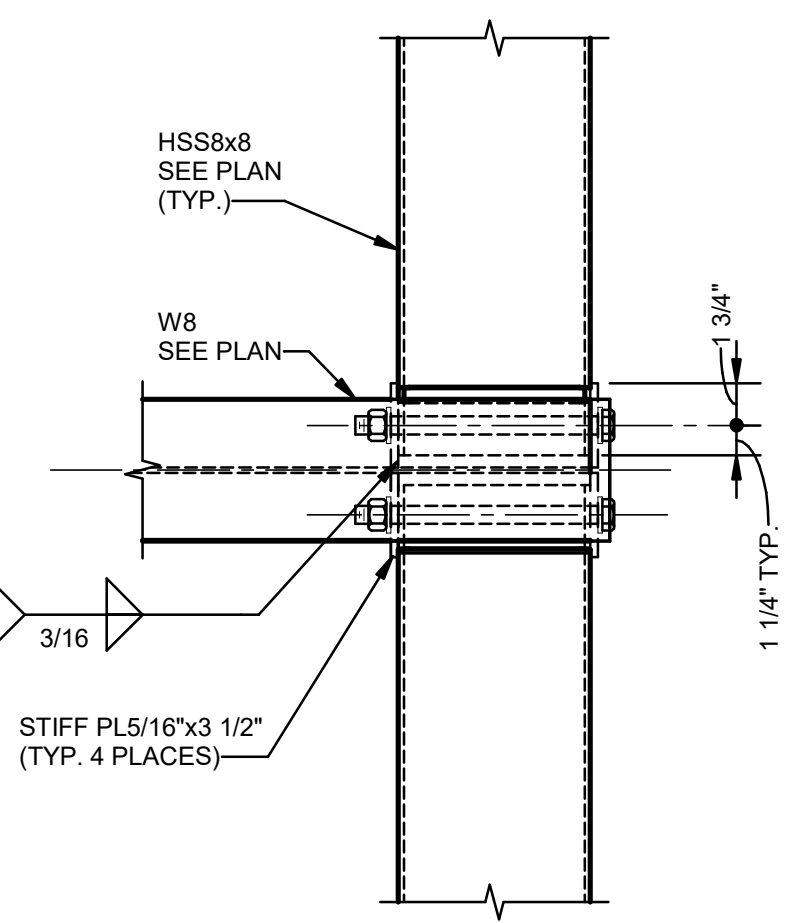
4 SECTION
S302 1" = 1'-0"



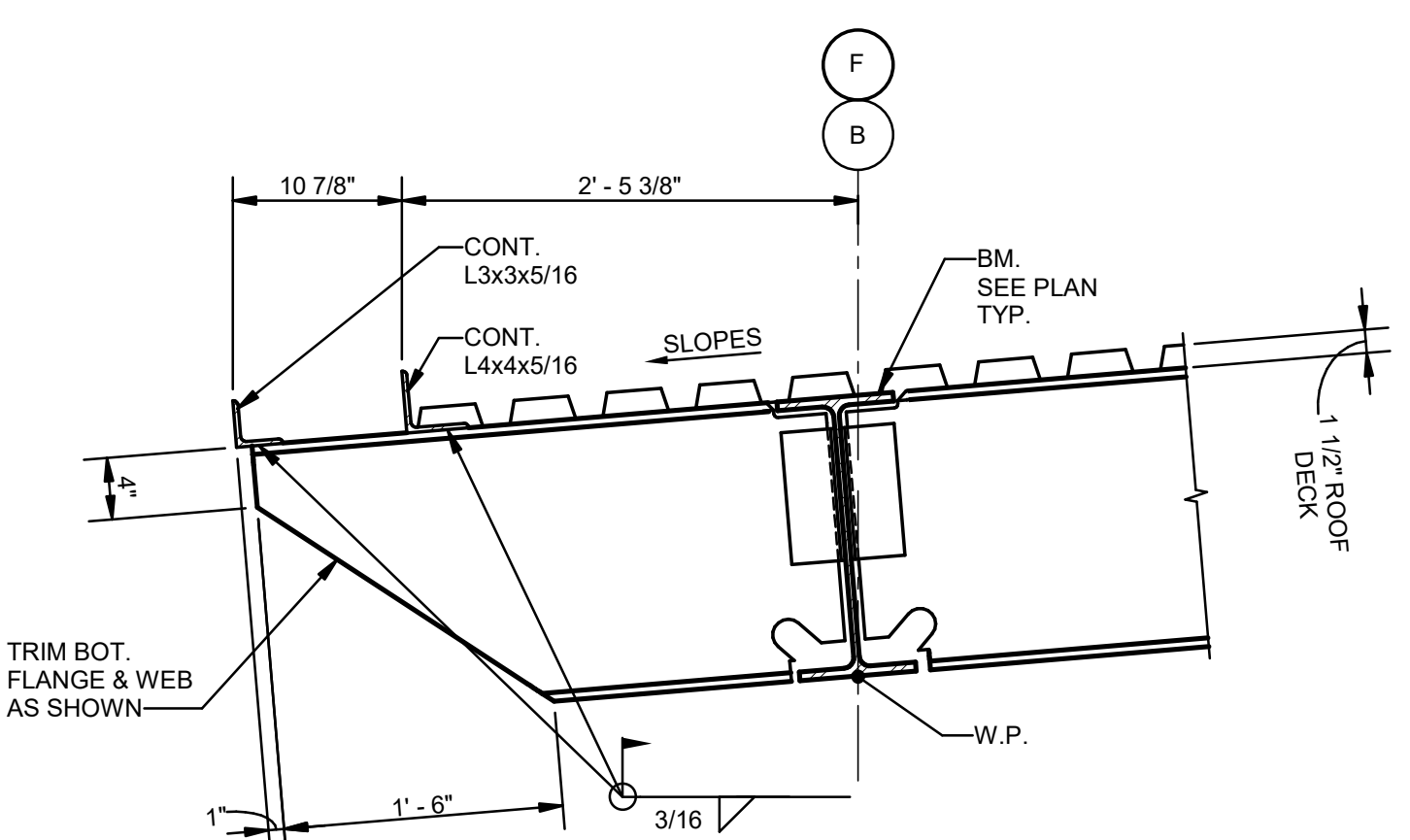
5 SECTION
S302 1" = 1'-0"



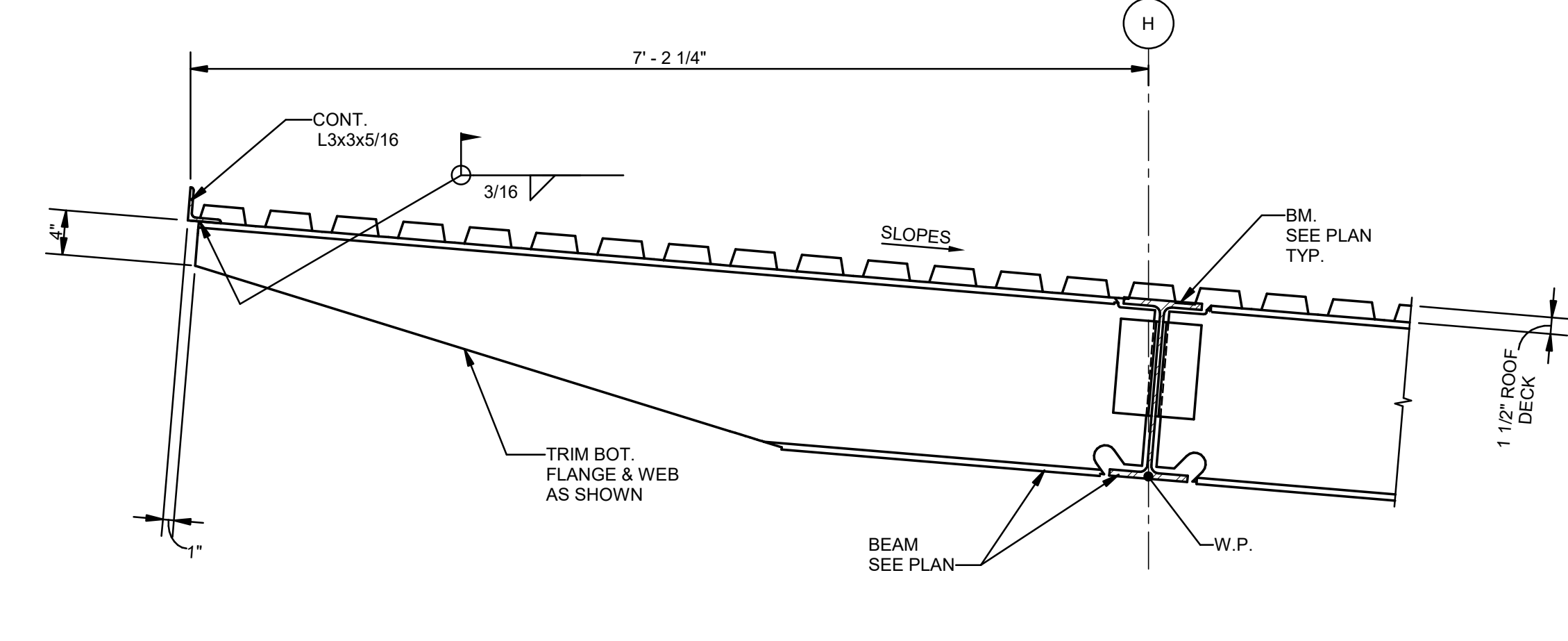
6 SECTION
S302 1" = 1'-0"



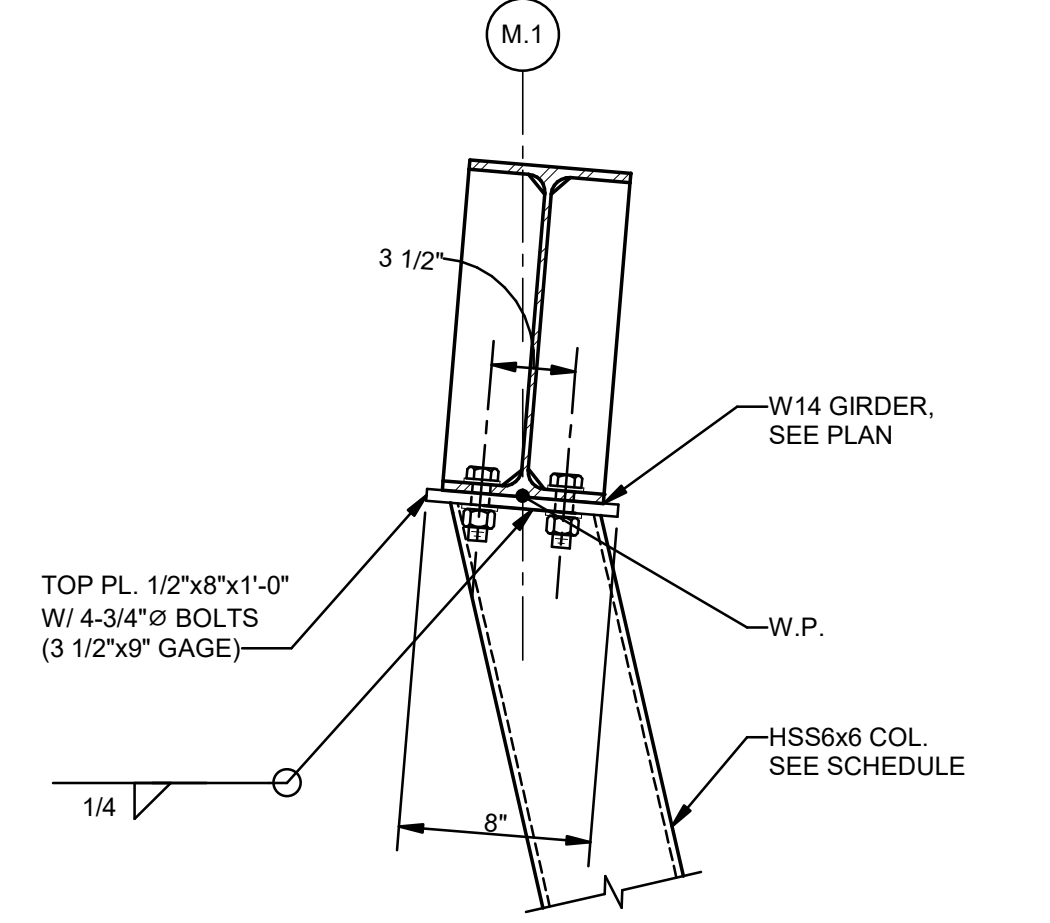
7 PLAN DETAIL
S302 1 1/2" = 1'-0"



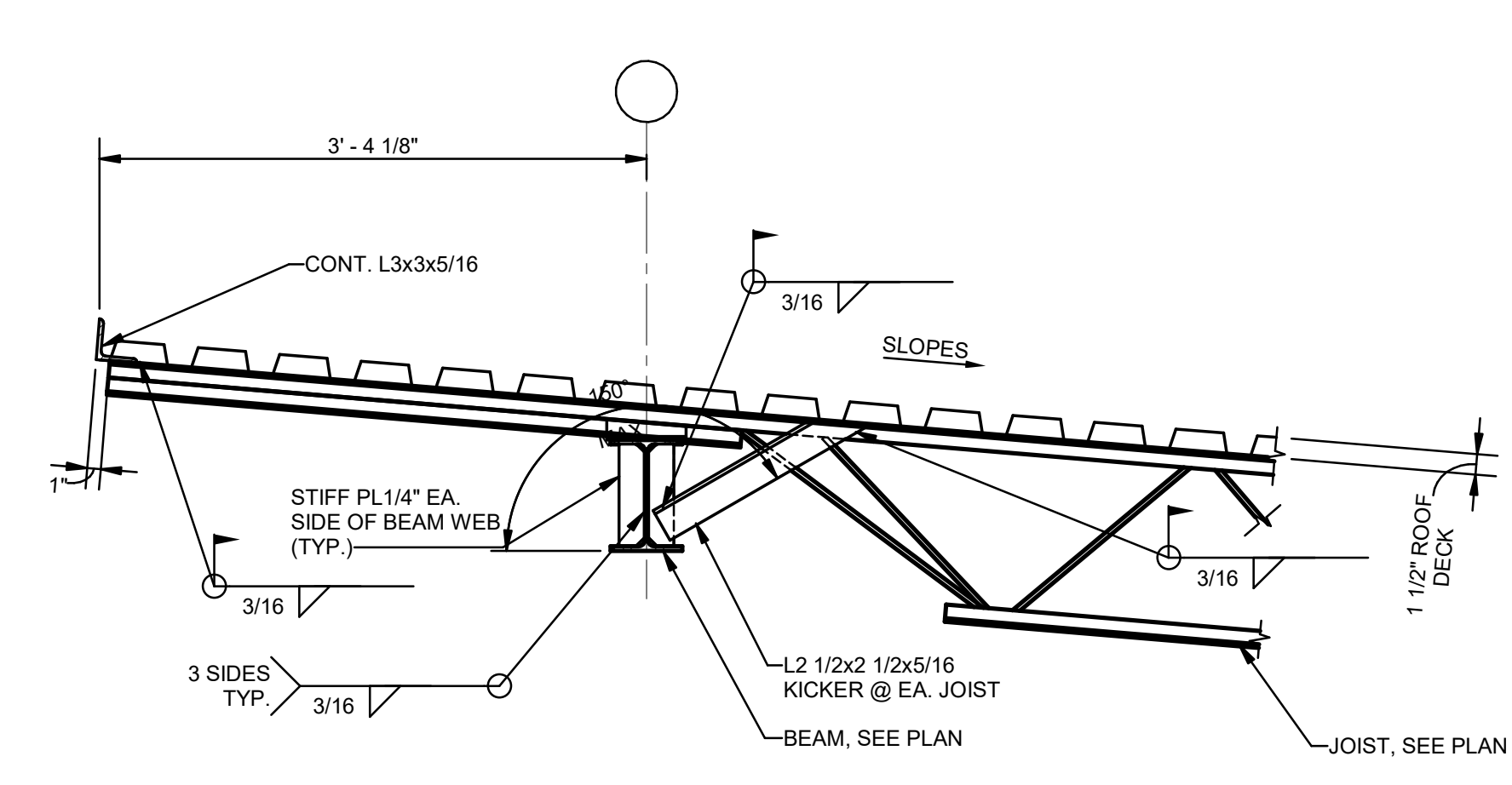
8 SECTION
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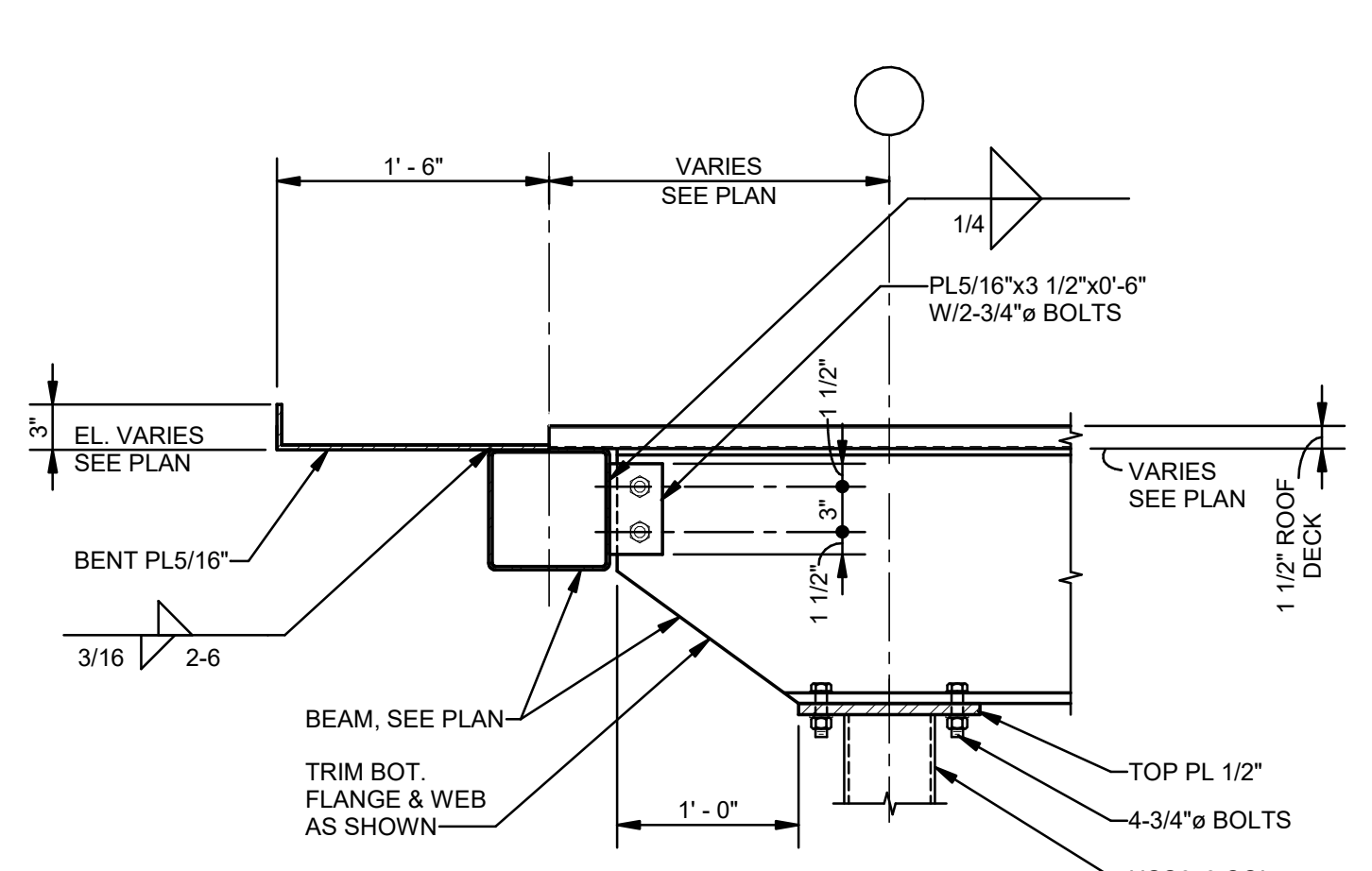
9 SECTION
S302 1" = 1'-0"



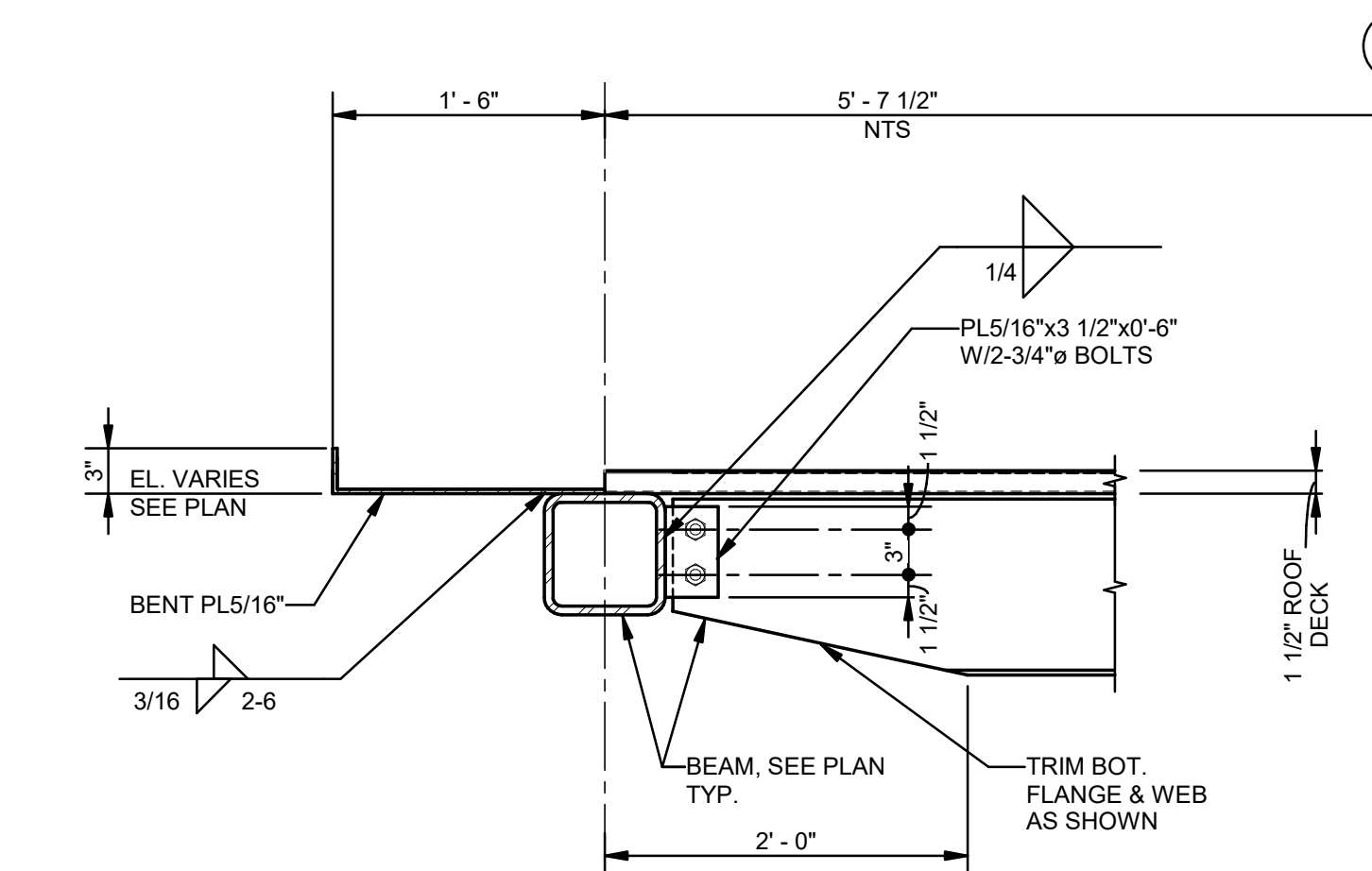
10 SECTION
S302 1 1/2" = 1'-0"



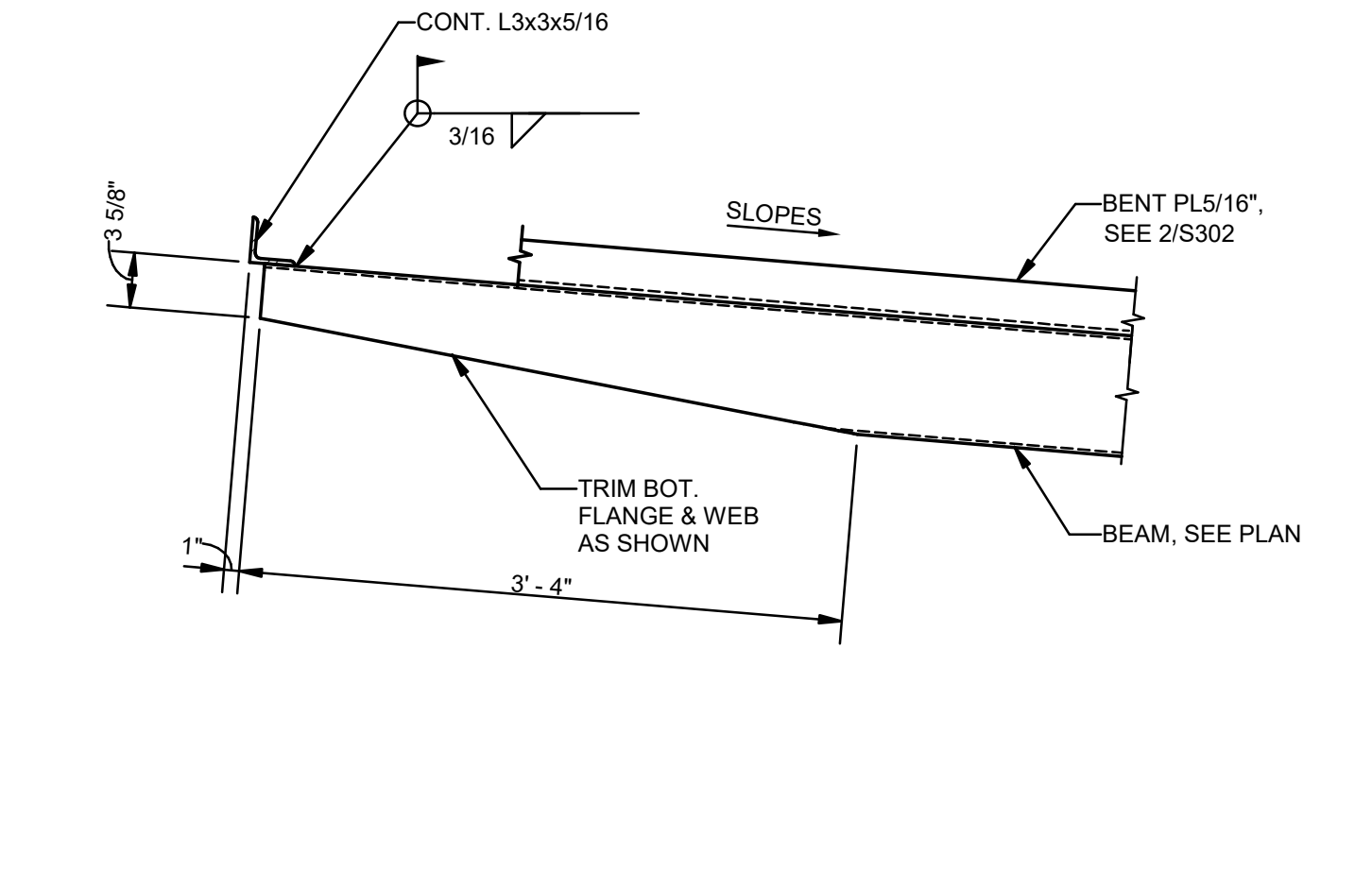
11 SECTION
S302 1" = 1'-0"



12 SECTION
S302 1" = 1'-0"



13 SECTION
S302 1" = 1'-0"



14 SECTION
S302 1" = 1'-0"

| No. | Description | Date |
|-----|-------------|----------|
| 1 | 75% CD | 04-02-20 |
| 2 | 95% CD | Date 2 |

KEY PLAN

05-05-23

Mathes Brierre ARCHITECTS
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New Orleans, Louisiana 70170-4100
Voice: 504.586.5303. Fax: 504.582.1305

300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

PROJECT TITLE

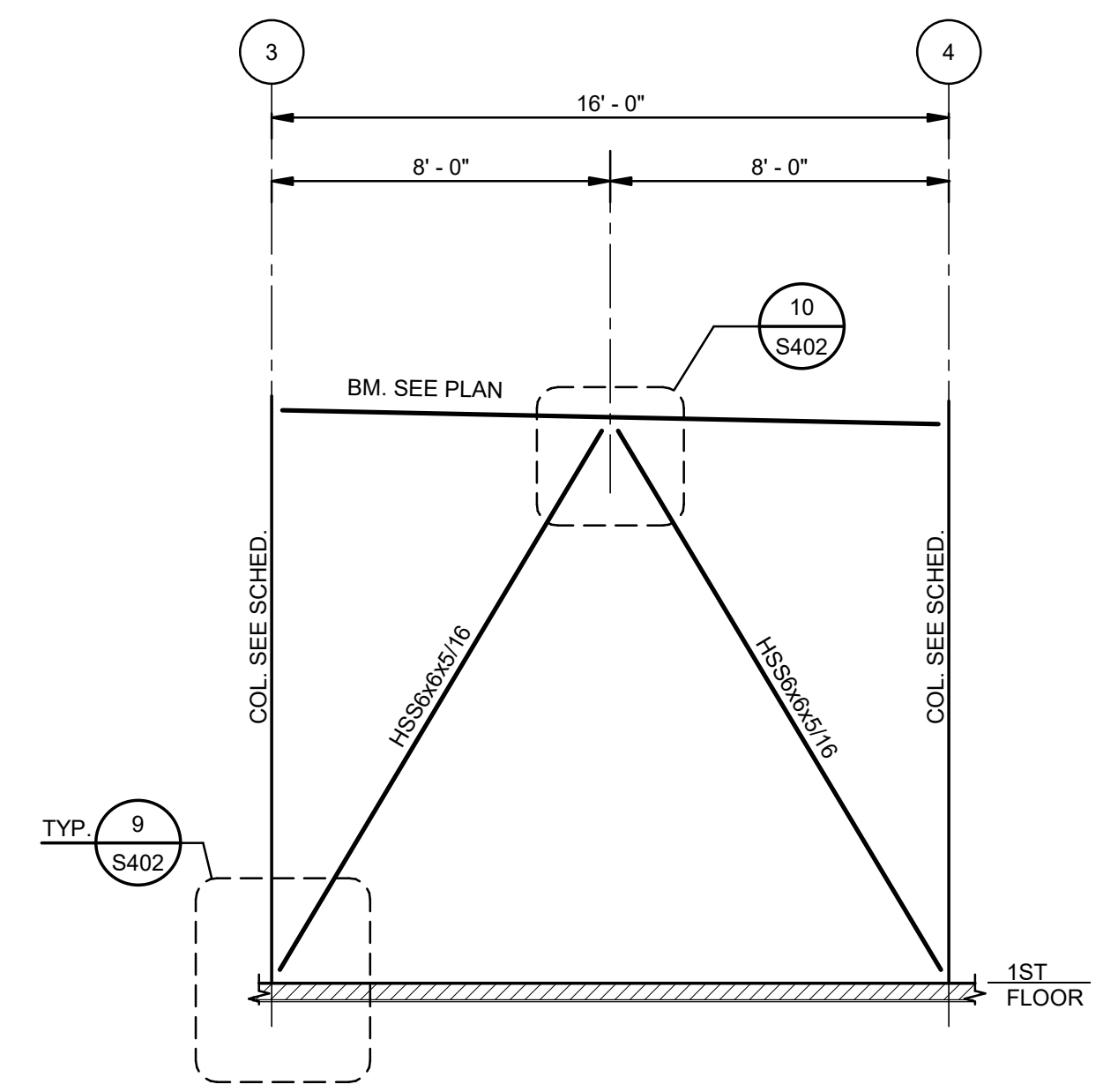
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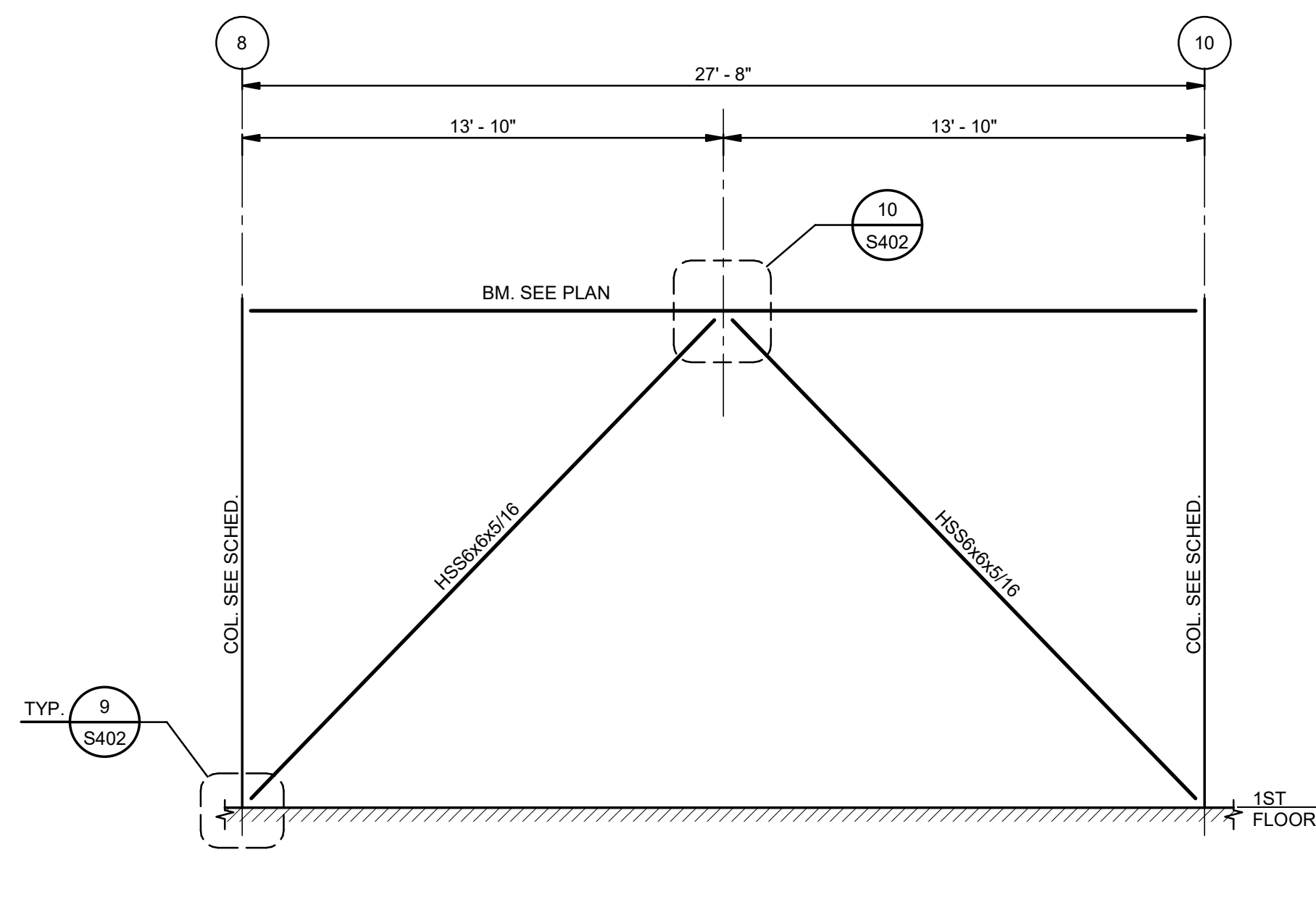
PERMIT DOCUMENTS

| | | | |
|-------------|--------------|------------|----------|
| DESIGNED BY | JAS | CHECKED BY | Checker |
| DRAWN BY | HSB | DATE | 05.05.23 |
| SHEET TITLE | SECTIONS | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | S302 |
| | ABM - 201803 | | |

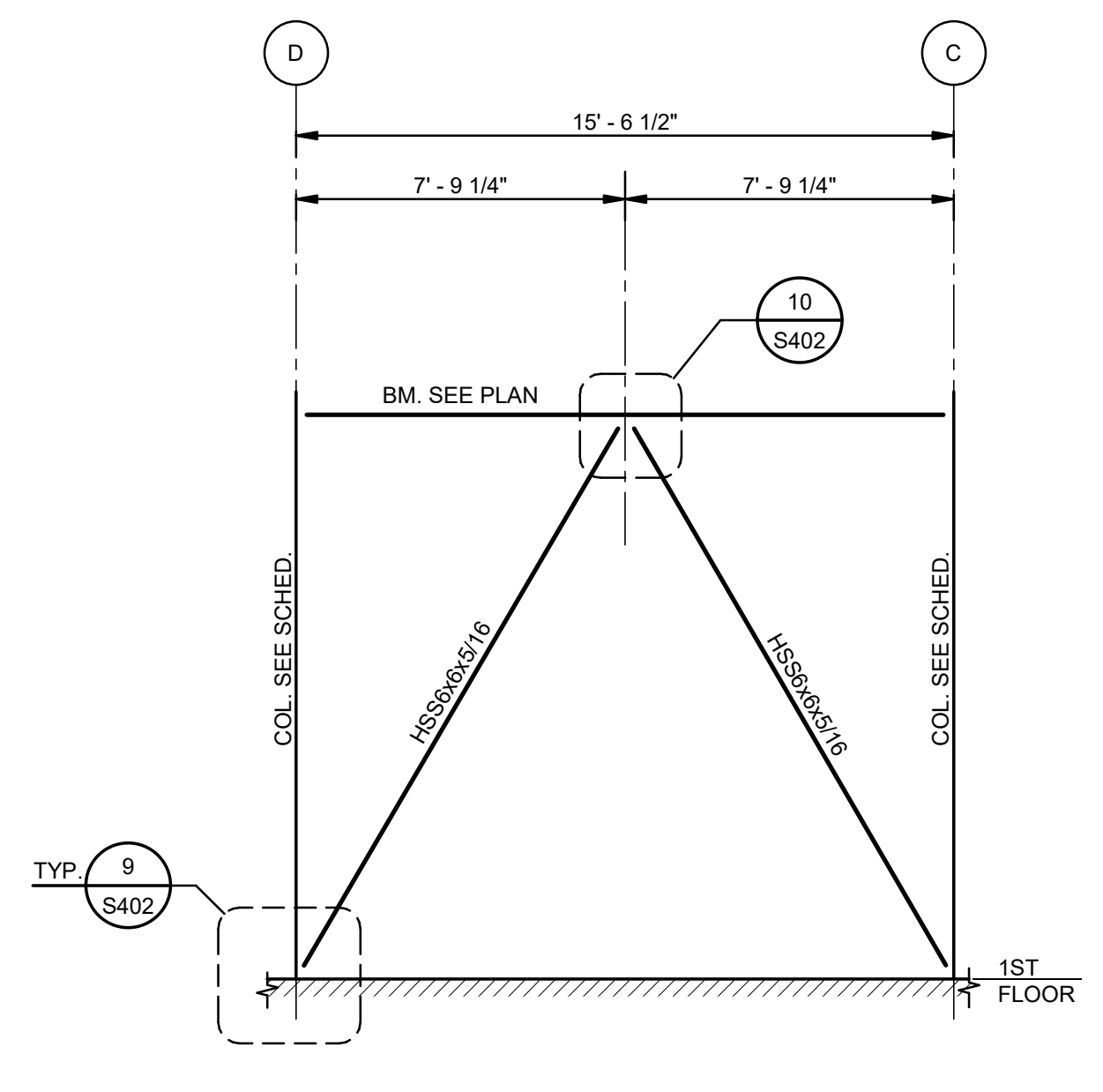
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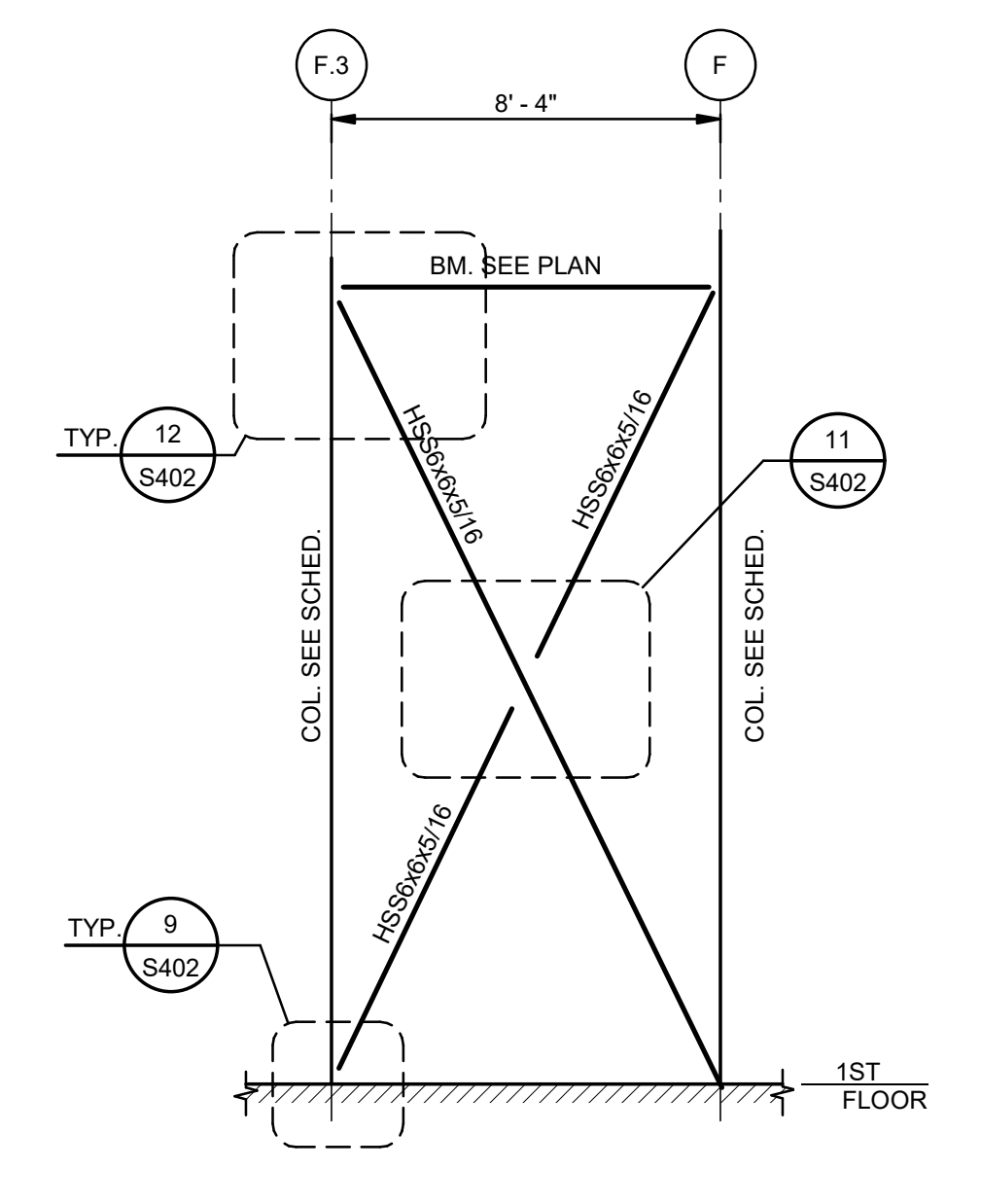
1 ELEVATION-BRACING AT COLUMN LINE A
S401 1/4" = 1'-0"



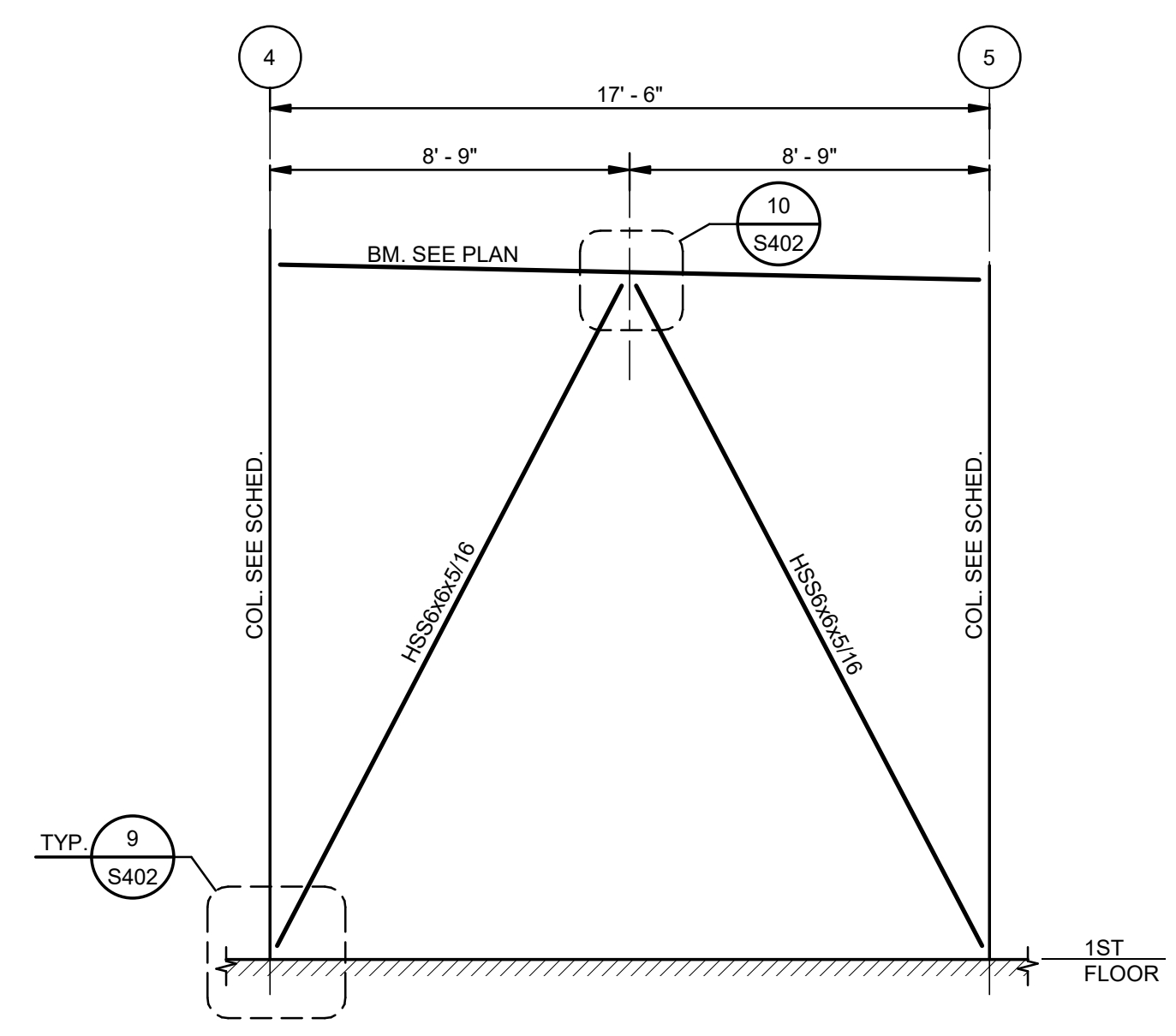
2 ELEVATION-BRACING AT COLUMN LINE A
S401 1/4" = 1'-0"



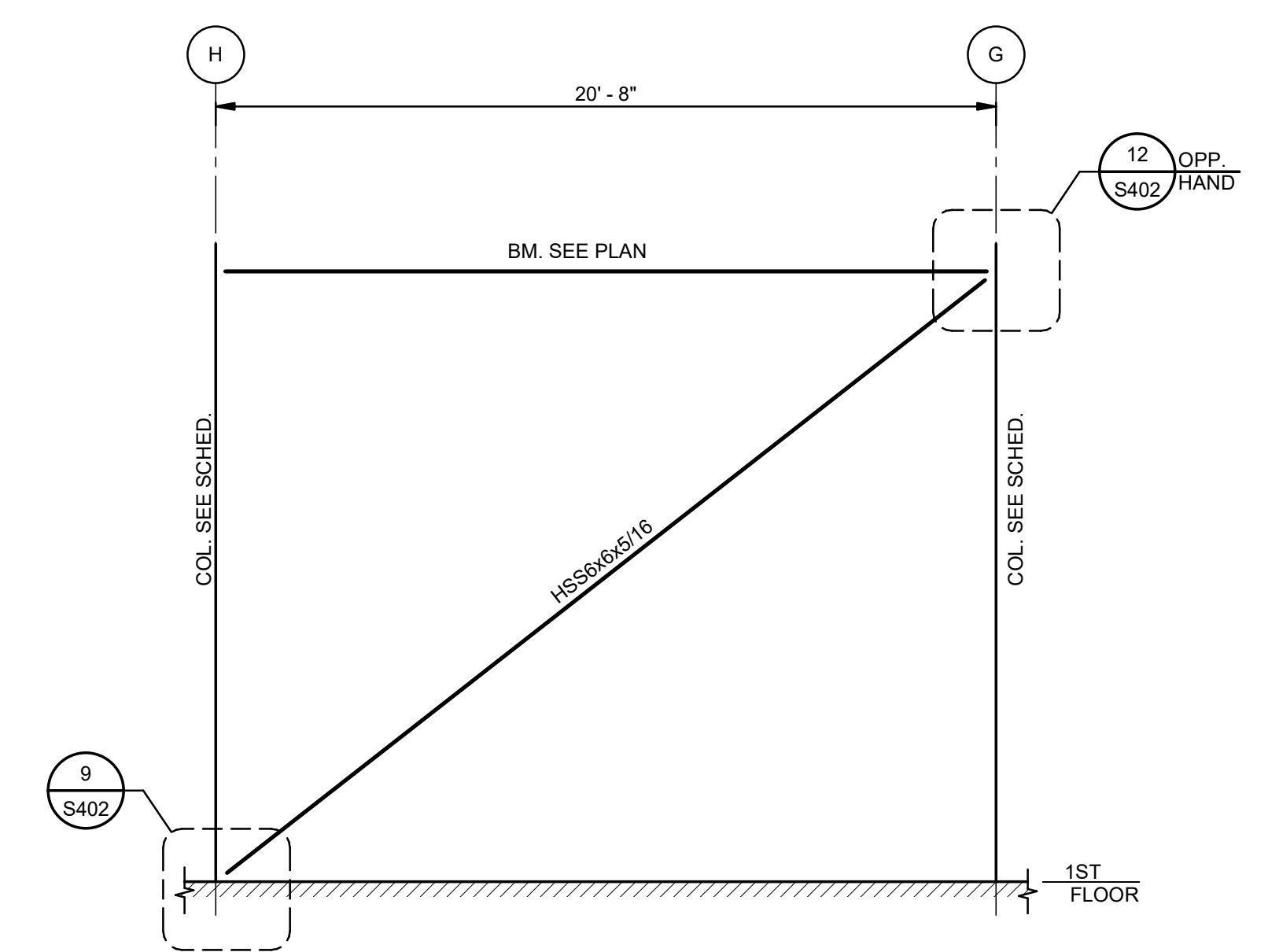
3 ELEVATION-BRACING AT COLUMN LINE 3
S401 1/4" = 1'-0"



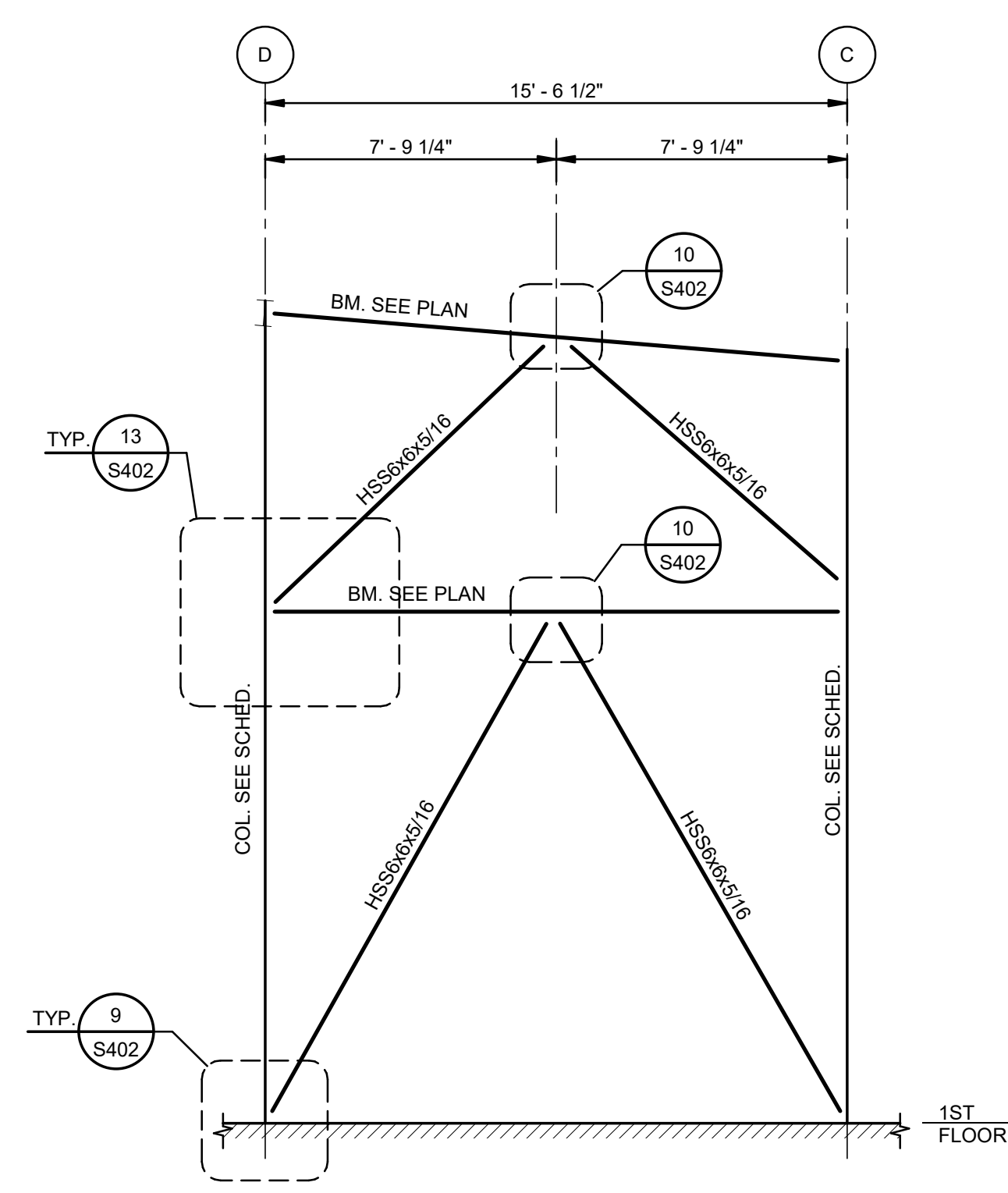
4 ELEVATION-BRACING AT COLUMN LINE 2
S401 1/4" = 1'-0"



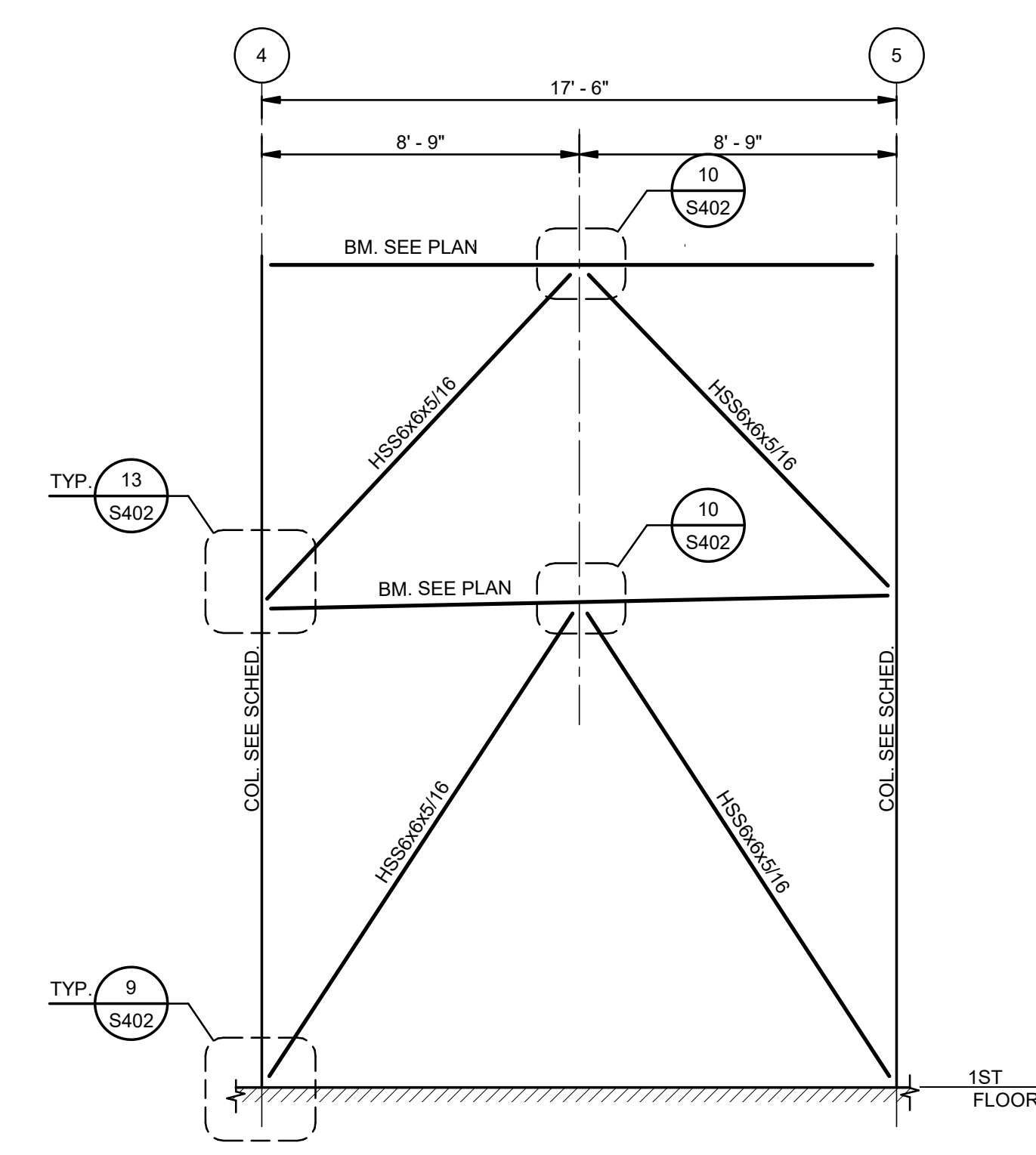
5 ELEVATION-BRACING AT COLUMN LINE J
S401 1/4" = 1'-0"



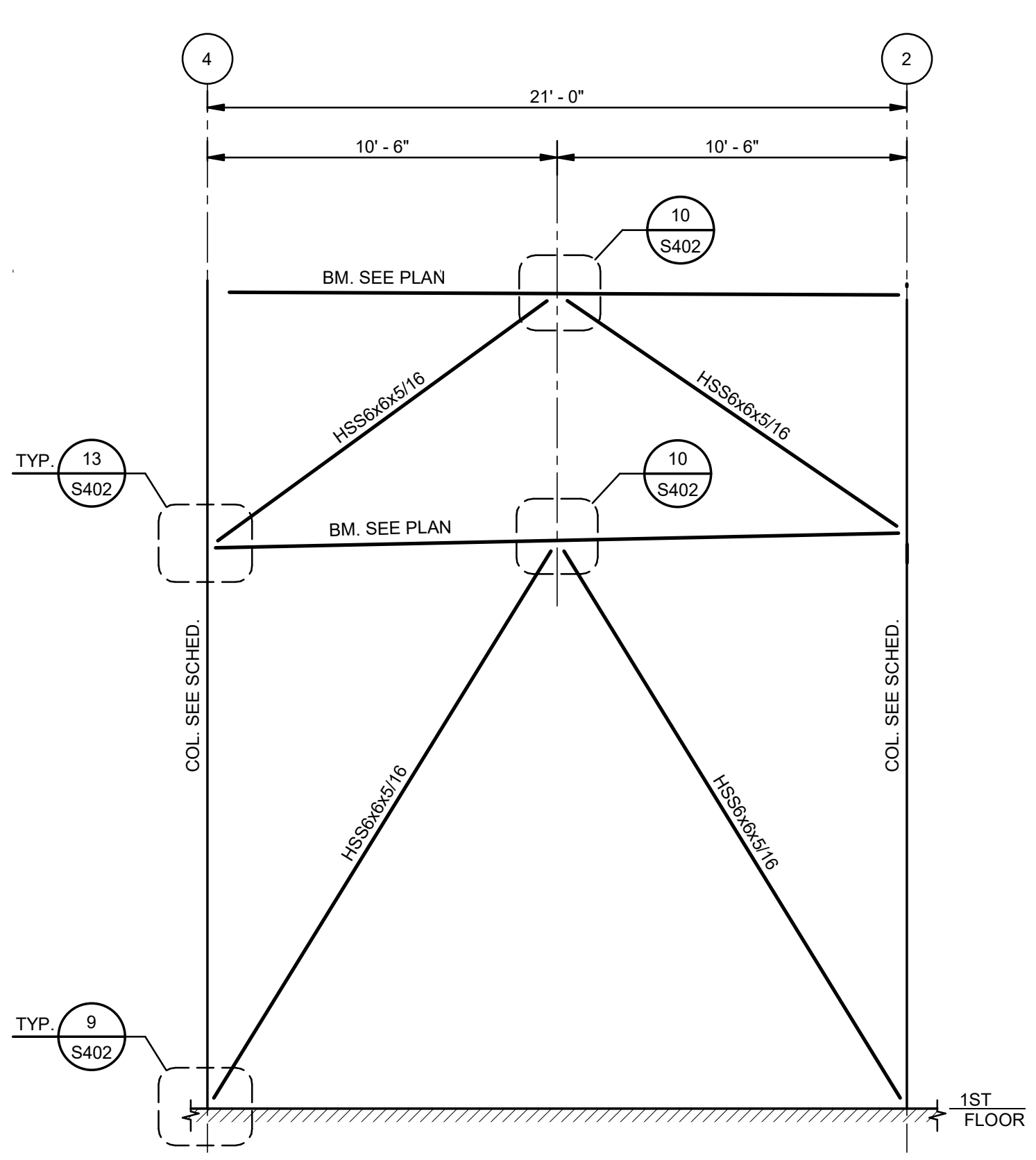
6 ELEVATION-BRACING AT COLUMN LINE 5
S401 1/4" = 1'-0"



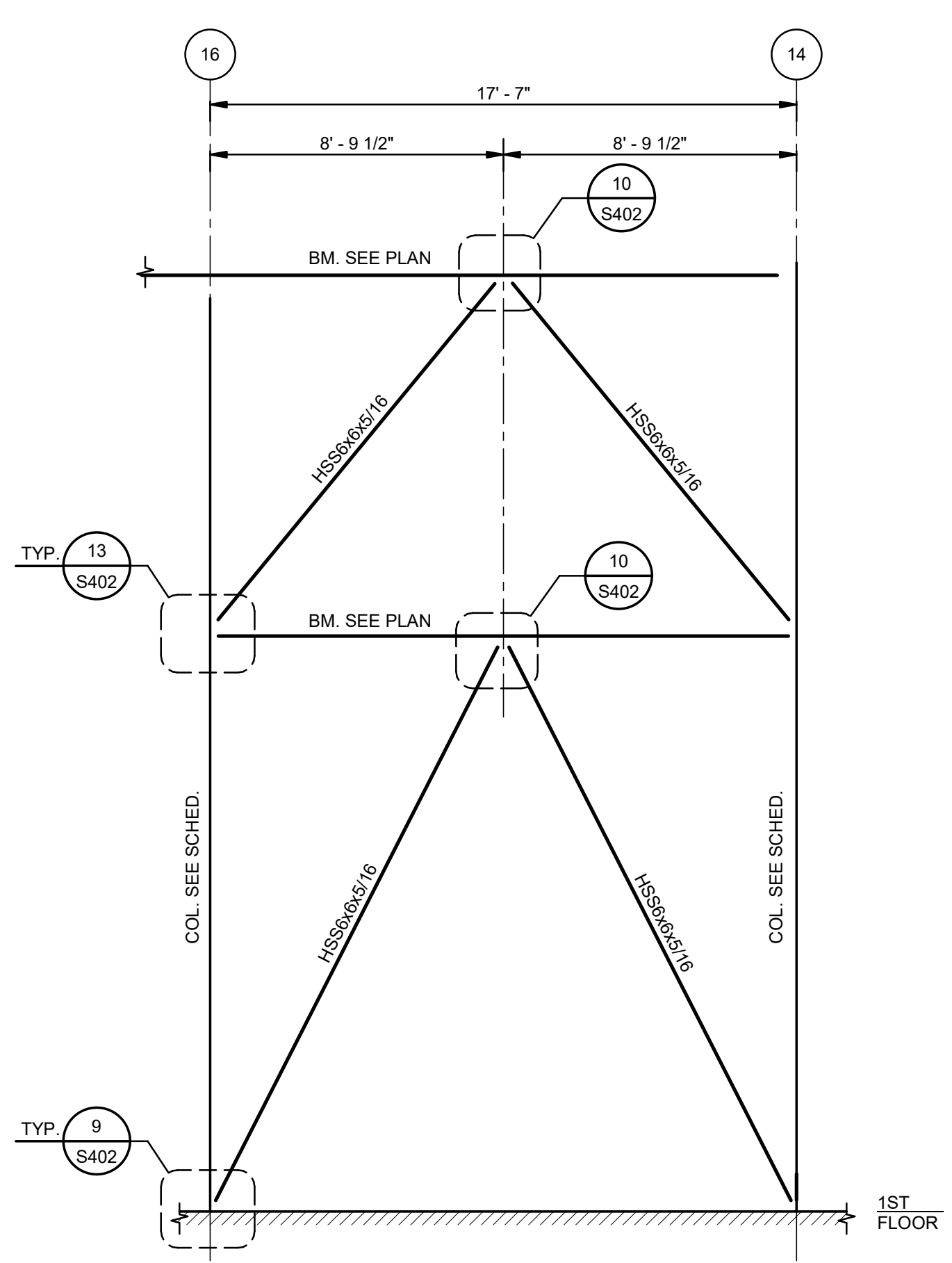
7 ELEVATION-BRACING AT COLUMN LINE 6
S401 1/4" = 1'-0"



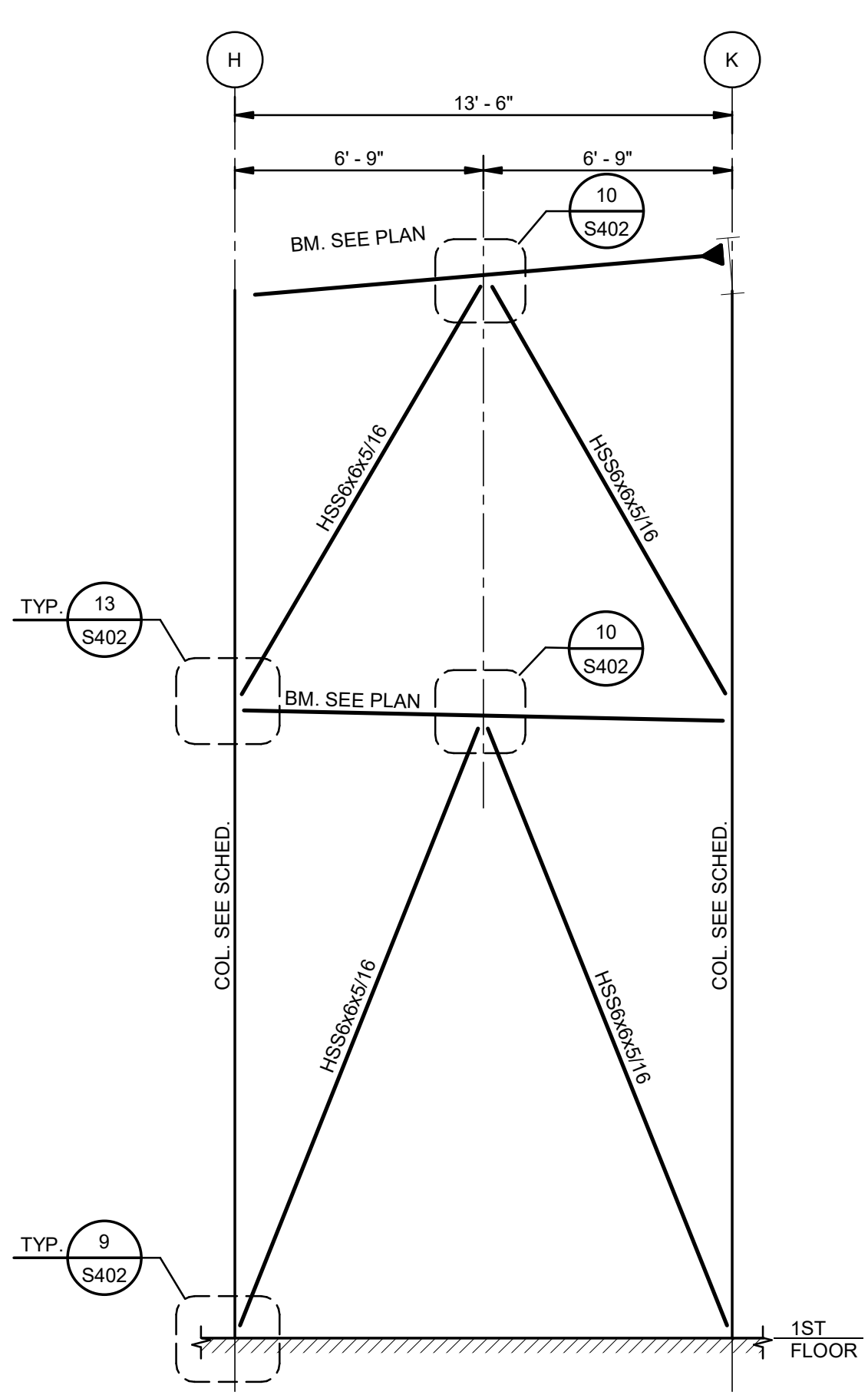
8 ELEVATION-BRACING AT COLUMN LINE E
S401 1/4" = 1'-0"



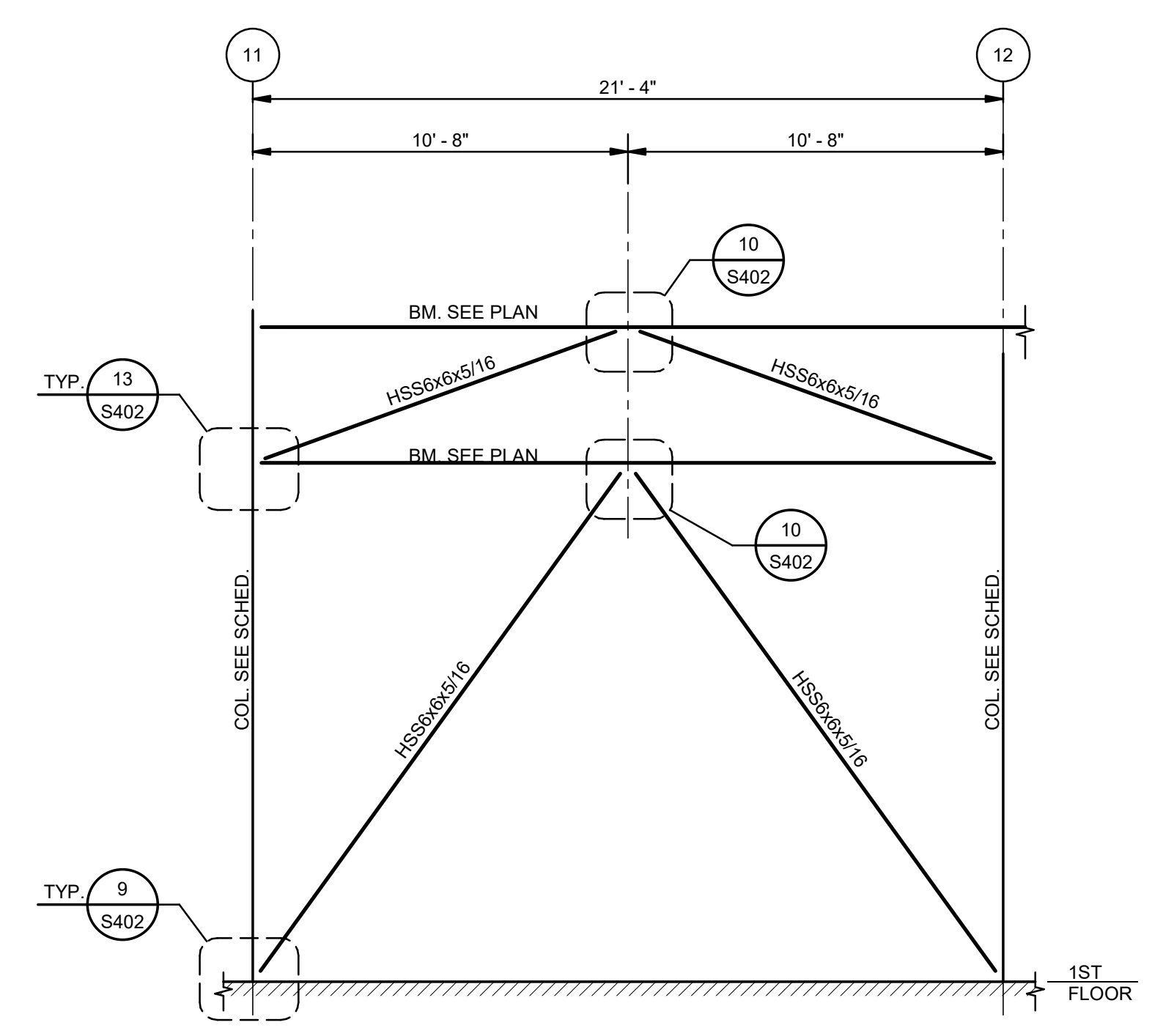
9 ELEVATION-BRACING AT COLUMN LINE F
S401 1/4" = 1'-0"



10 ELEVATION-BRACING AT COLUMN LINE H
S401 1/4" = 1'-0"



11 ELEVATION-BRACING AT COLUMN LINE 11
S401 1/4" = 1'-0"



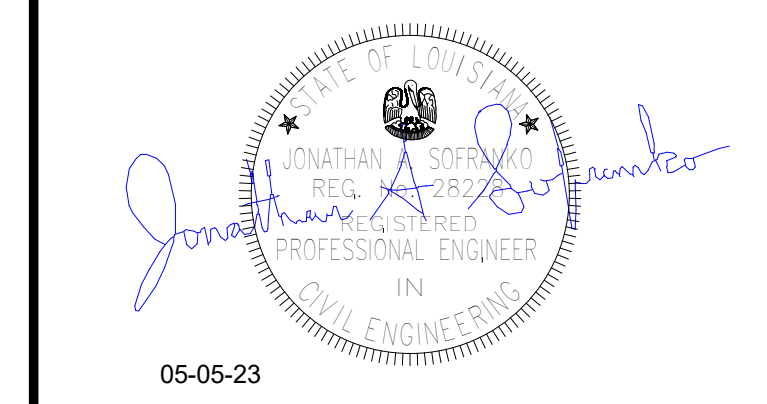
12 ELEVATION-BRACING AT COLUMN LINE B
S401 1/4" = 1'-0"



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| No. | Description | Date |
|-----|-------------|----------|
| 1 | 75% CD | 04-02-20 |
| 2 | 95% CD | Date 2 |

KEY PLAN



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PROJECT TITLE

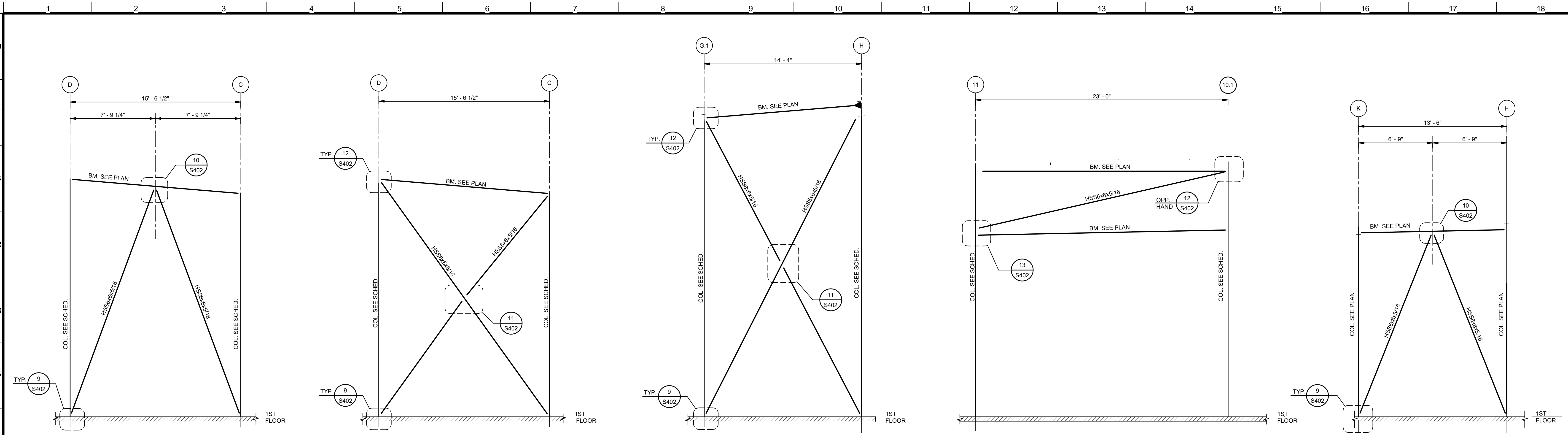
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|-------------|-----|------------|----------|
| DESIGNED BY | JAS | CHECKED BY | JAS |
| DRAWN BY | HSB | DATE | 05.05.23 |

| | |
|--------------------|-----------|
| SHEET TITLE | |
| BRACING ELEVATIONS | |
| PROJECT NO. | SHEET NO. |
| MBA - 11884 | S401 |
| ABM - 201803 | |



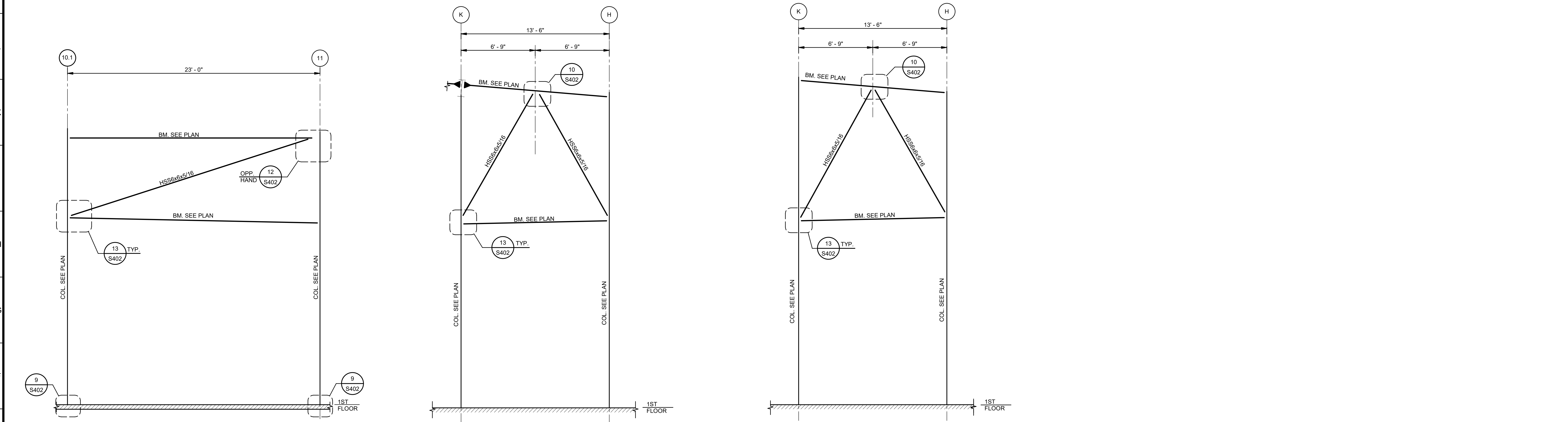
1 ELEVATION-BRACING AT COLUMN LINE 7
1/4" = 1'-0"

2 ELEVATION-BRACING AT COLUMN LINE 12
1/4" = 1'-0"

3 ELEVATION-BRACING AT COLUMN LINE 16
1/4" = 1'-0"

4 ELEVATION-BRACING AT COLUMN LINE E
1/4" = 1'-0"

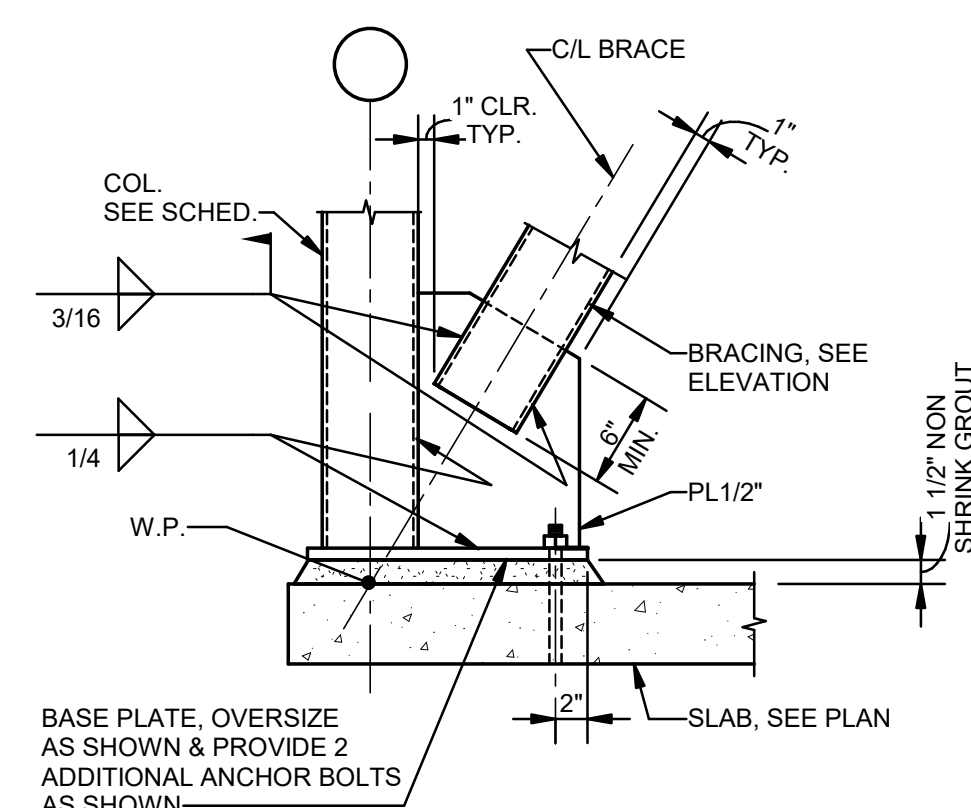
5 ELEVATION-BRACING AT COLUMN LINE 14
1/4" = 1'-0"



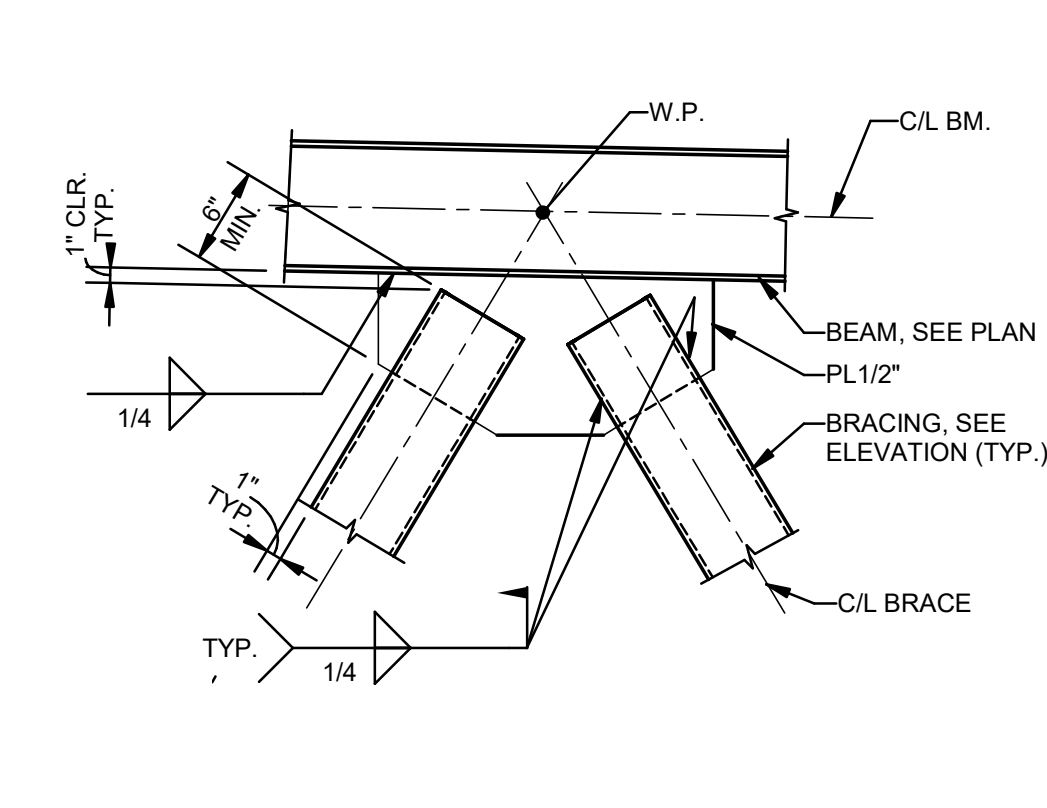
6 ELEVATION-BRACING AT COLUMN LINE F
1/4" = 1'-0"

7 ELEVATION-BRACING AT COLUMN LINE 9
1/4" = 1'-0"

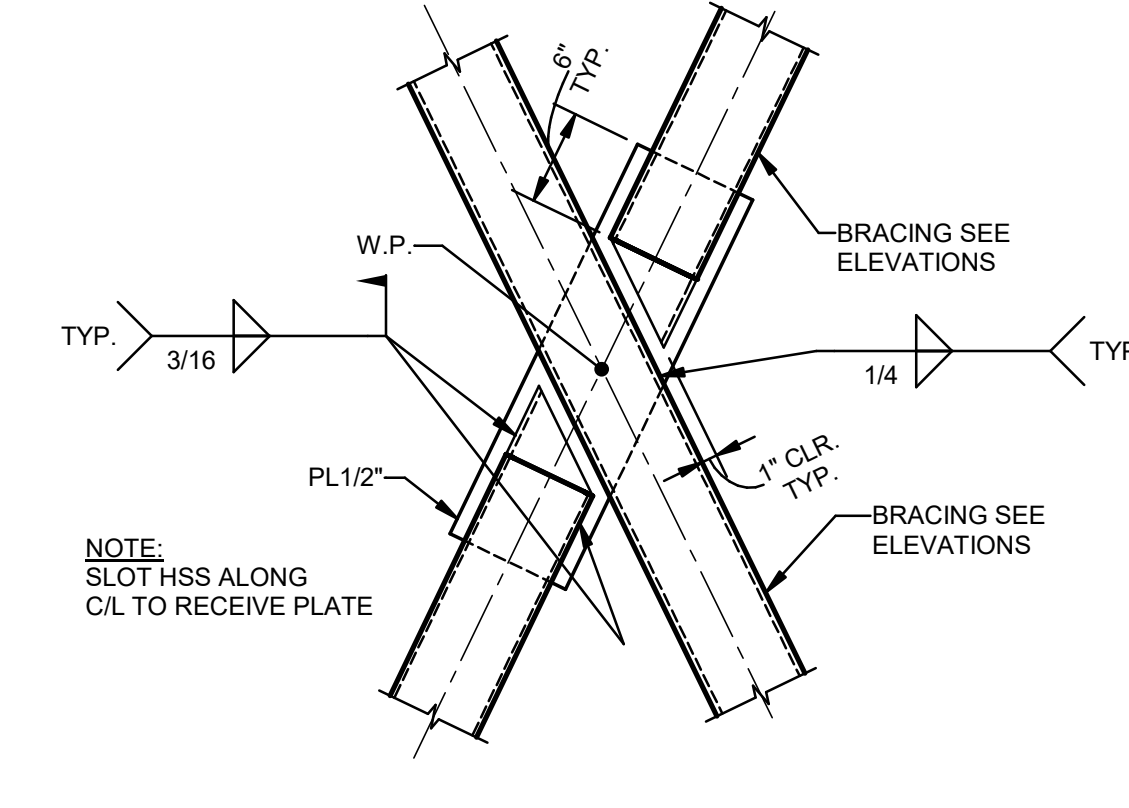
8 ELEVATION-BRACING AT COLUMN LINE 7
1/4" = 1'-0"



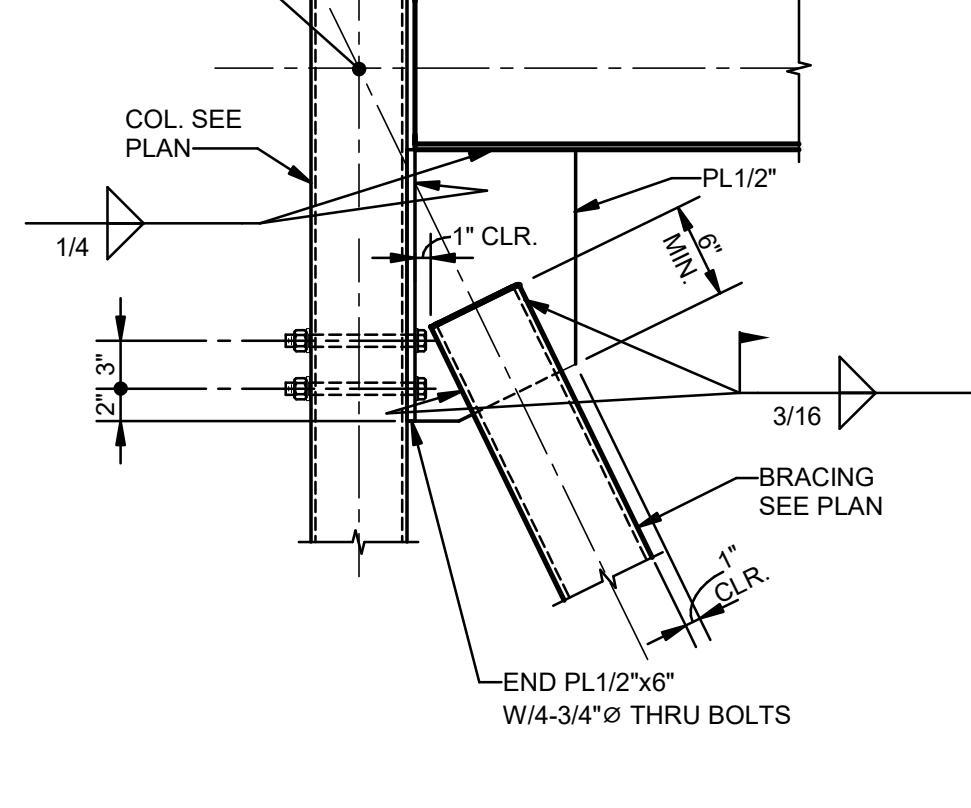
9 DETAIL
1" = 1'-0"



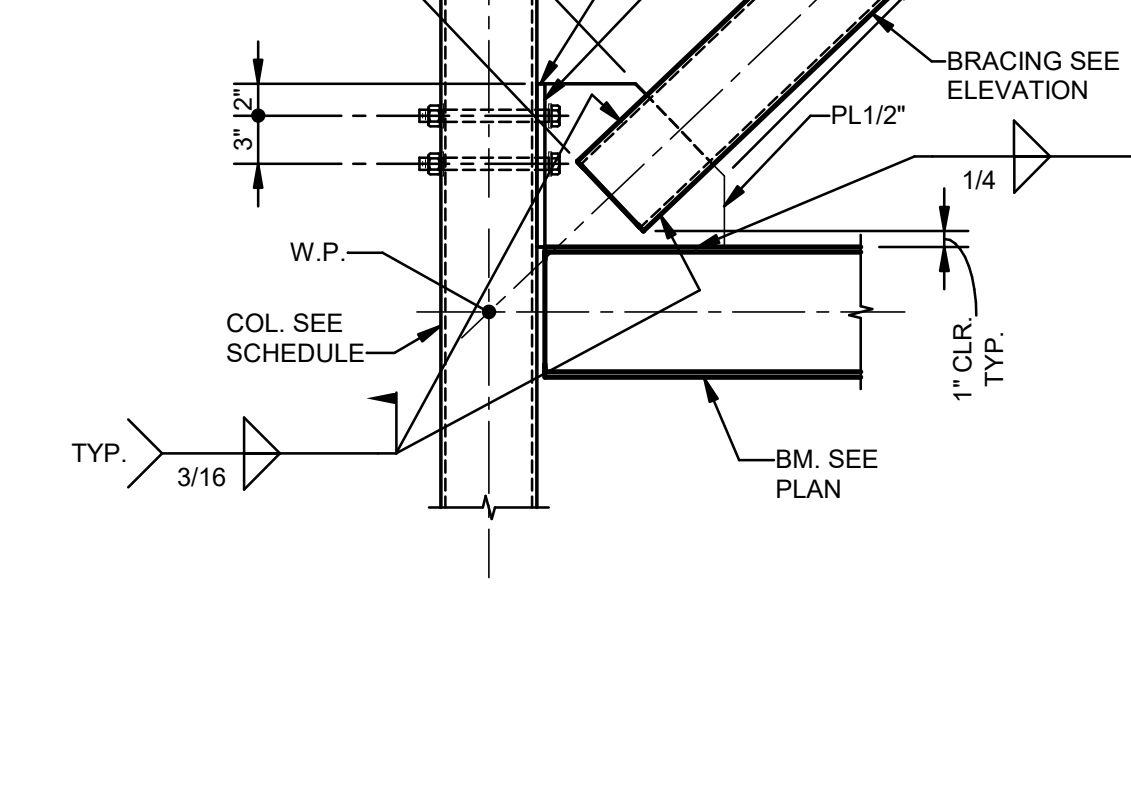
10 DETAIL
1" = 1'-0"



11 DETAIL
1" = 1'-0"

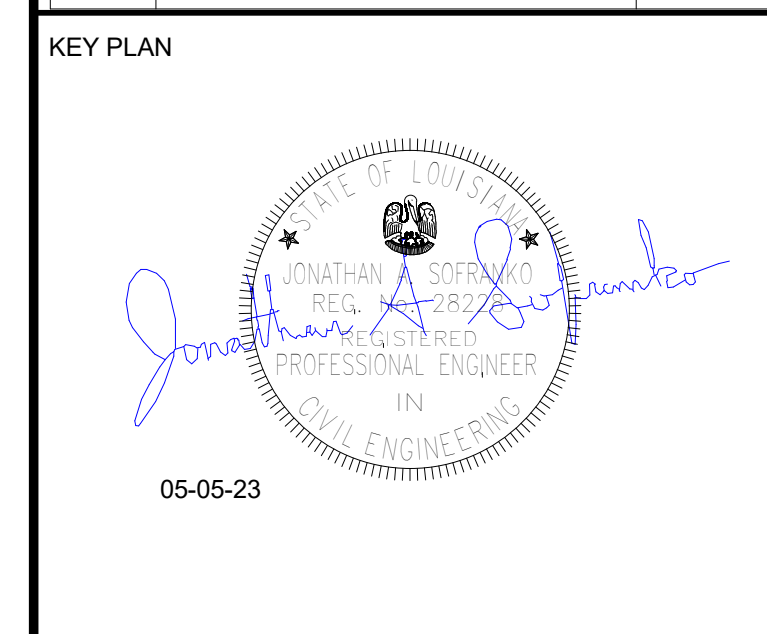


12 DETAIL
1" = 1'-0"



13 DETAIL
1" = 1'-0"

| No. | Description | Date |
|-----|-------------|----------|
| 1 | 75% CD | 04-02-20 |
| 2 | 95% CD | Date 2 |



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Lafayette, Louisiana 70503
337.233.0614

PROJECT TITLE

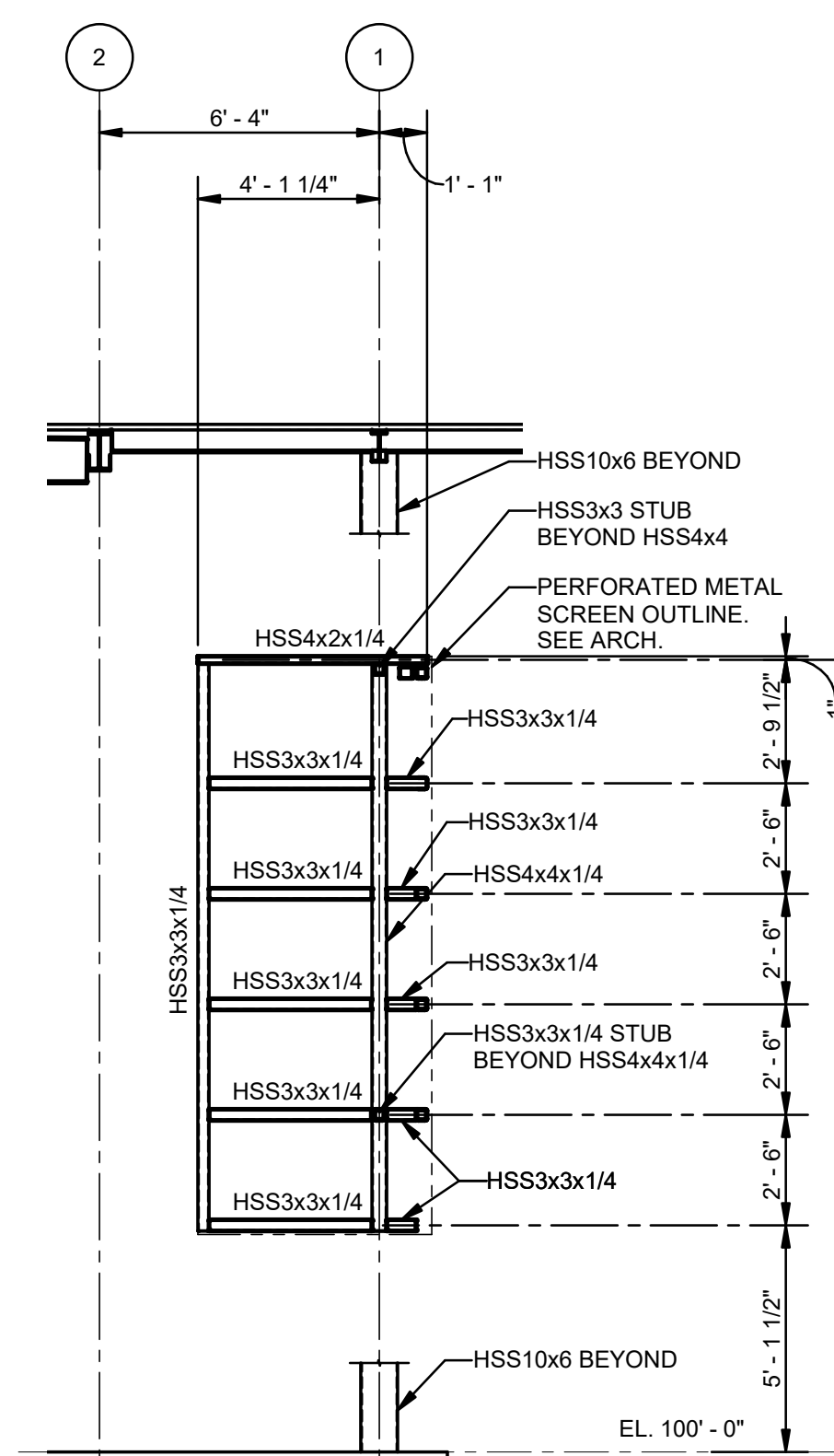
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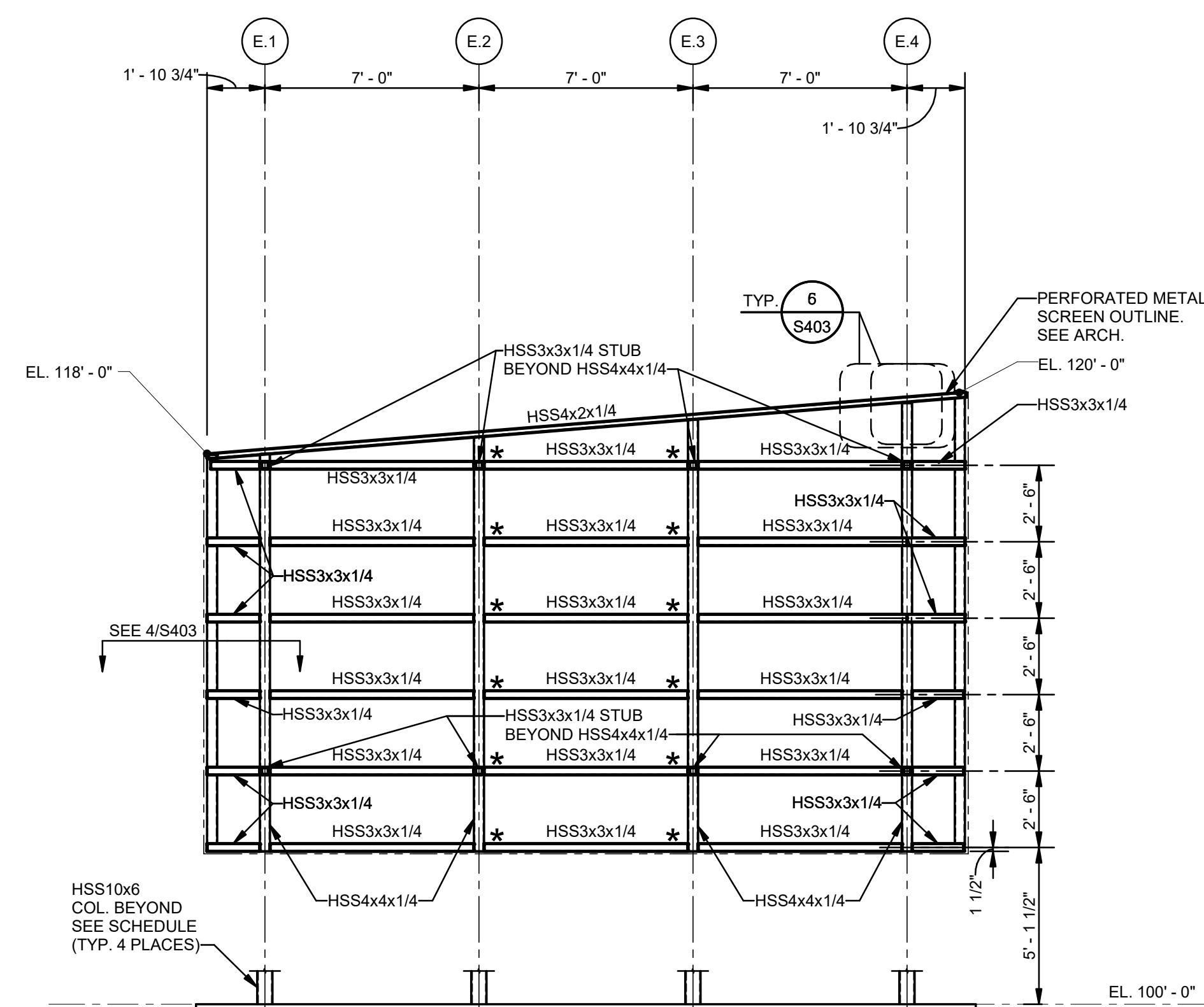
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|--------------------|-------------|------------|----------|
| DESIGNED BY | JAS | CHECKED BY | JAS |
| DRAWN BY | HSB | DATE | 05.05.23 |
| SHEET TITLE | | | |
| BRACING ELEVATIONS | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | S402 |
| ABM - 201803 | | | |

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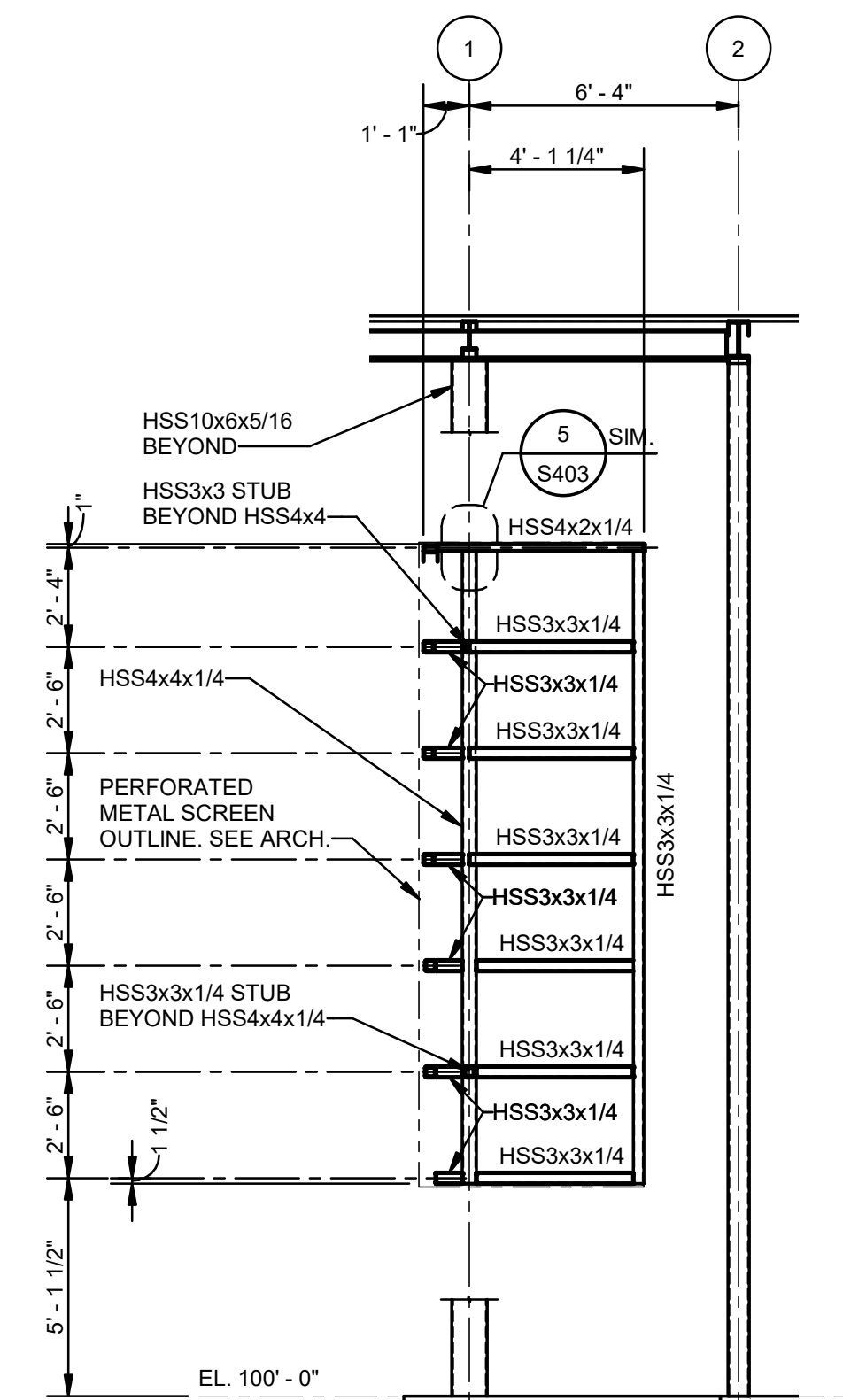
UNLESS NOTED OTHERWISE:
1. ALL STEEL TO BE GALV. & PAINTED. SEE ARCH.

1 PERFORATED METAL SCREEN - WEST ELEVATION
S403 1/4" = 1'-0"



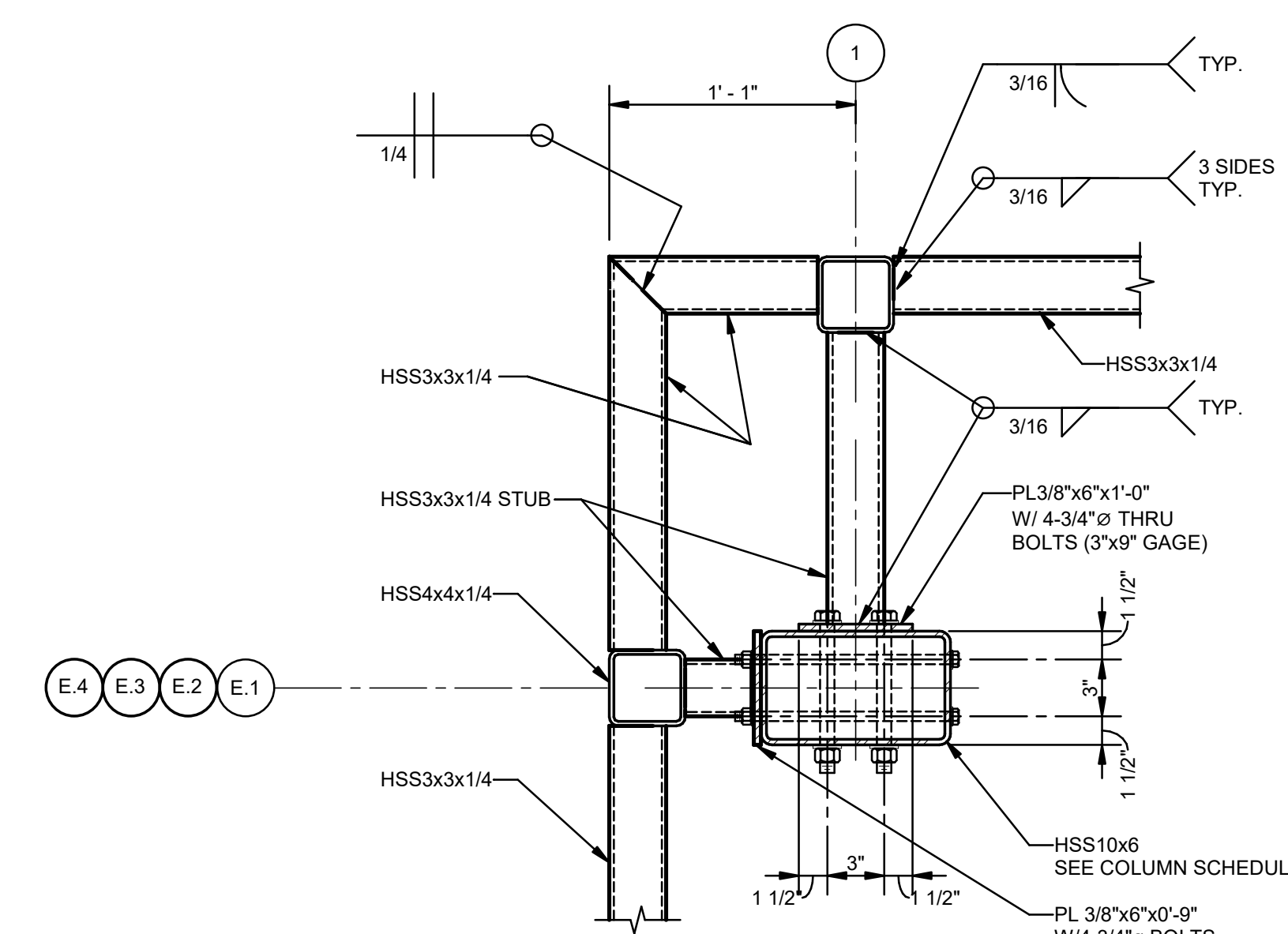
UNLESS NOTED OTHERWISE:
1. ALL STEEL TO BE GALV. & PAINTED. SEE ARCH.
2. * - INDICATES LOCATION OF PERMISSIBLE ALTERNATE BOLTED CONNECTION, SEE 6/S403

2 PERFORATED METAL SCREEN - SOUTH ELEVATION
S403 1/4" = 1'-0"



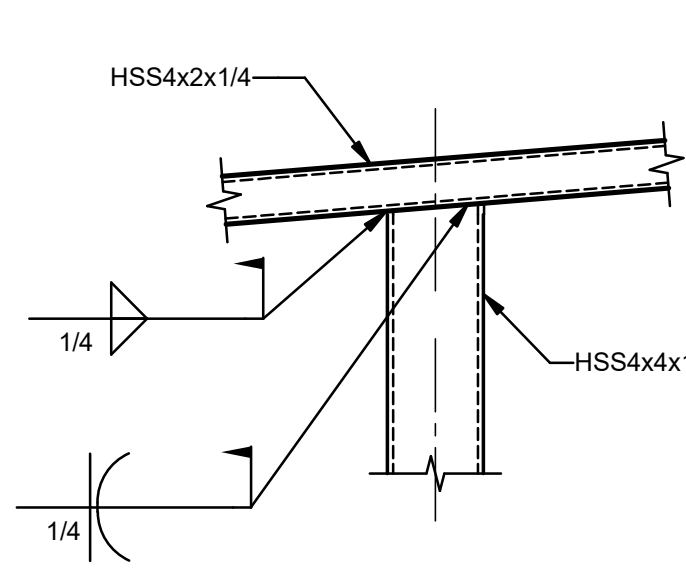
UNLESS NOTED OTHERWISE:
1. ALL STEEL TO BE GALV. & PAINTED. SEE ARCH.

3 PERFORATED METAL SCREEN - EAST ELEVATION
S403 1/4" = 1'-0"



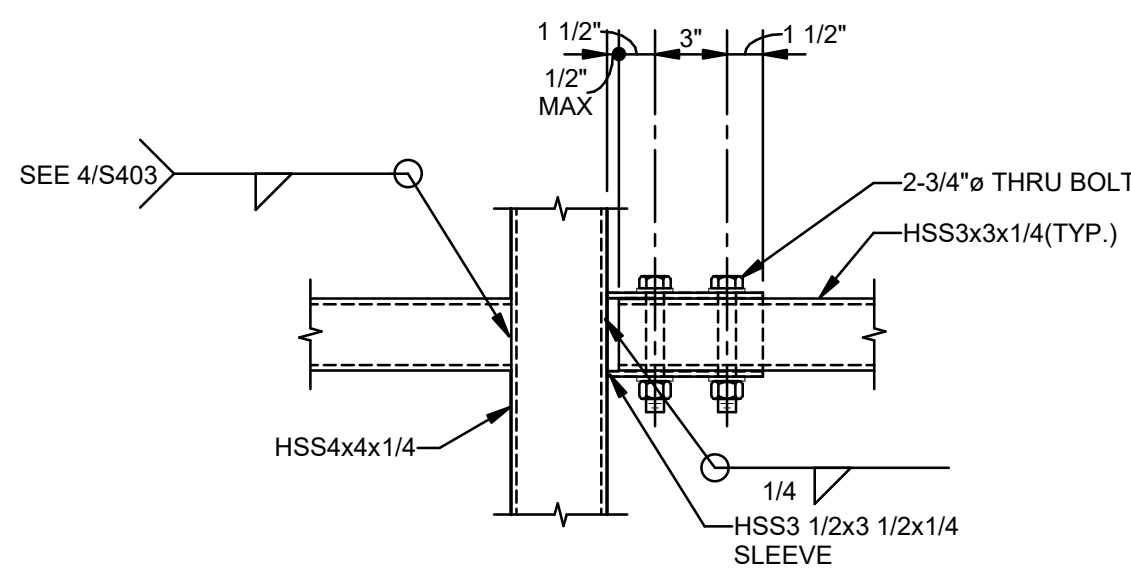
UNLESS NOTED OTHERWISE:
1. ALL STEEL TO BE GALV. & PAINTED. SEE ARCH.

4 PERFORATED METAL SCREEN PLAN DETAIL
S403 1 1/2" = 1'-0"



UNLESS NOTED OTHERWISE:
1. TOUCH UP DAMAGED COATING WITH HOT STICK GALVANIZING. COLD SPRAY GALVANIZING IS NOT PERMITTED.

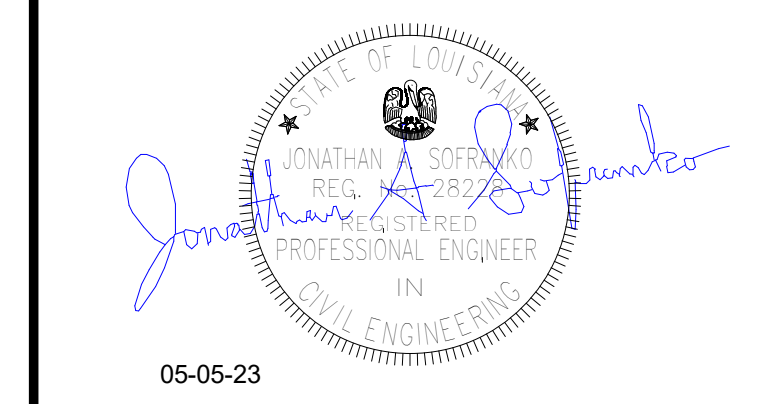
5 DETAIL
S403 1 1/2" = 1'-0"



6 DETAIL
S403 1 1/2" = 1'-0"

| No. | Description | Date |
|-----|-------------|----------|
| 1 | 75% CD | 04-02-20 |
| 2 | 95% CD | Date 2 |

KEY PLAN



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PROJECT TITLE

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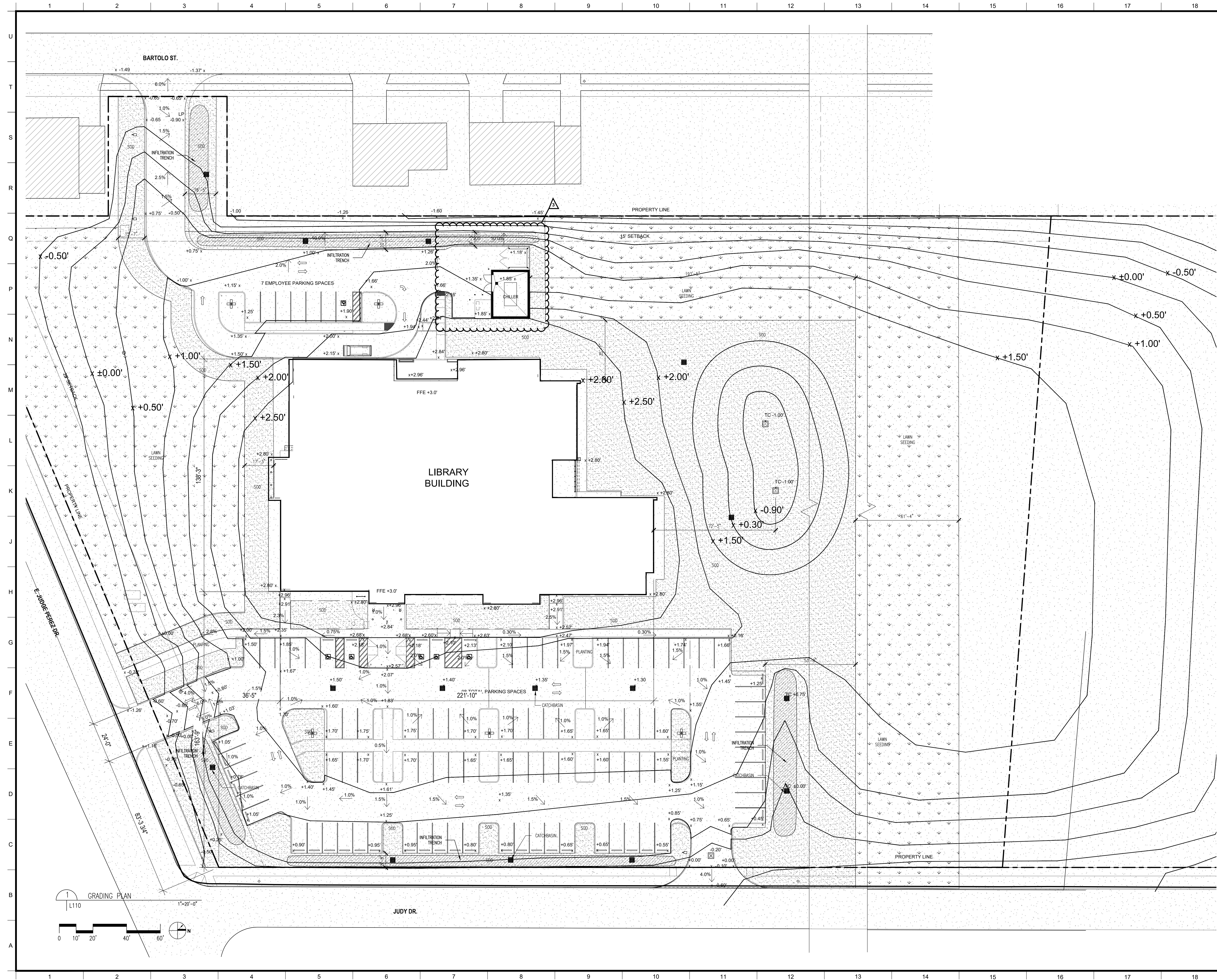
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|-------------|-----|------------|----------|
| DESIGNED BY | JAS | CHECKED BY | Checker |
| DRAWN BY | HSB | DATE | 05.05.23 |

SHEET TITLE
PERFORATED SCREEN ELEVATIONS

| | | | |
|--------------|-------------|-----------|------|
| PROJECT NO. | MBA - 11884 | SHEET NO. | S403 |
| ABM - 201803 | | | |



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MATERIALS KEYING/ GENERAL NOTES

Notes:

Field verify all existing grades to determine amount of materials to be graded around site.

Elevations shown are referenced from the Base Flood Elevation = ±0.00'

Refer to sheet L120 for cut and fill diagram to be used for rough grading.

Refer to Civil Drawings for Utility Plan showing drainage system connections.

Report any further issues or discrepancies to the architect for consideration.



These plans and specifications have been prepared by or under (my or our) close personal supervision and to the best of (my or our) knowledge and belief, they comply with all government requirements, and that I am inspecting (not inspecting) the work.

| 1 | Revisions to Driveway | 8/26/23 |
|-----|-----------------------------|----------|
| 2 | Revisions to Trans/dumpster | 11/30/23 |
| 3 | Revisions to Trans/dumpster | 04/02/24 |
| NO. | REVISION/SUBMISSIONS | DATE |

KEY PLAN

Mathes Brierre
ARCHITECTS

201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
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architecture@mathesbrierre.com

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|-------------|------------|--------------|------------|
| DESIGNED BY | KS | CHECKED BY | KS |
| DRAWN BY | SH | DATE | 05.05.2023 |
| SHEET TITLE | | GRADING PLAN | |
| PROJECT NO. | MBA-11884 | SHEET NO. | L110 |
| | ABM-201803 | | |

| CUT / FILL BALANCE SHEET | | | |
|--------------------------|---------------|---------------|----------------------------|
| AREA NAME | SPATIAL AREA | SOIL VOLUME | TOTAL VOLUME |
| CUT AREA 1 | 12,696 SQ.FT. | 2,280 CU.YDS. | |
| CUT AREA 2 | 42,418 SQ.FT. | 5,530 CU.YDS. | |
| CUT AREA 3 | 48,126 SQ.FT. | 7,270 CU.YDS. | |
| TOTAL CUT | | | 15,080 CU.YDS. CUT |
| FILL AREA 1 | 24,695 SQ.FT. | 1,480 CU.YDS. | |
| FILL AREA 2 | 5,903 SQ.FT. | 300 CU.YDS. | |
| FILL AREA 3 | 4,439 SQ.FT. | 260 CU.YDS. | |
| FILL AREA 4 | 5,282 SQ.FT. | 370 CU.YDS. | |
| FILL AREA 5 | 45,770 SQ.FT. | 4,800 CU.YDS. | |
| FILL AREA 6 | 74,887 SQ.FT. | 7,270 CU.YDS. | |
| FILL AREA 7 | 7,623 SQ.FT. | 740 CU.YDS. | |
| TOTAL FILL | | | 15,080 CU.YDS. FILL |

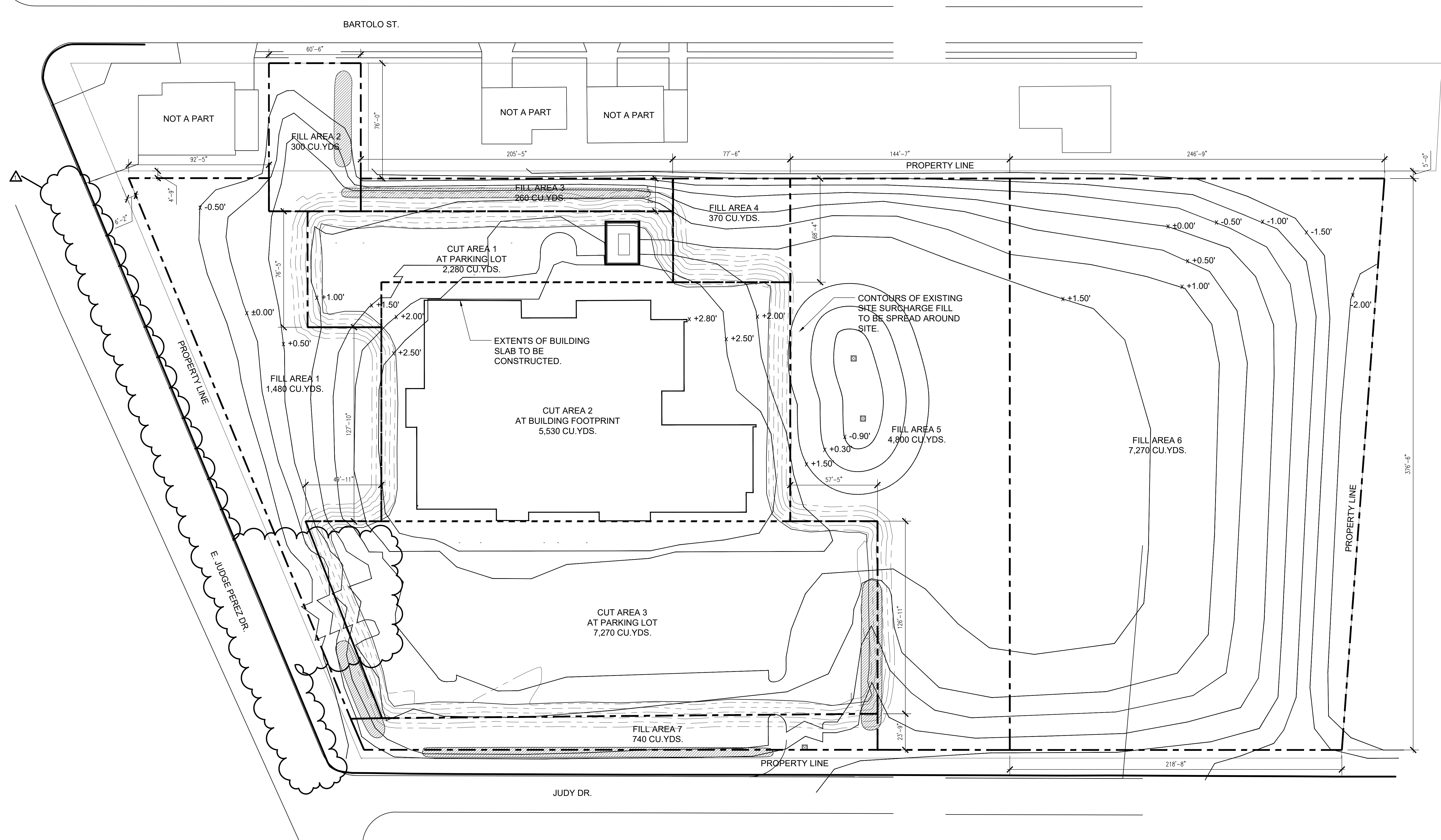
MATERIALS KEYING/ GENERAL NOTES

Cut and fill figures shown in this diagram are approximate, based on the amount of surcharge material deposited on the site, and the adjustments to be made to meet the grade elevations required to meet the built elevations shown on sheet L110.

The contractor shall use the grading plan to determine subgrade elevations necessary to meet final grades. If there is extra material remaining after the proper grades are set and the amount of fill necessary has been spread to surrounding area, any extra material shall be spread out into the rear of the site beyond Fill Area 6.

Grades shown on this plan are in reference to Base Flood Elevation = ±0.00'.

Report any further issues or discrepancies to the architect for consideration.



These plans and specifications have been prepared by or under (my or our) close personal supervision and to the best of (my or our) knowledge and belief, they comply with all government requirements, and that I am inspecting (not inspecting) the work.

| NO. | REVISION/SUBMISSIONS | DATE |
|-----|-----------------------|---------|
| 1 | Revisions to Driveway | 9/26/23 |

KEY PLAN

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ARCHITECTS

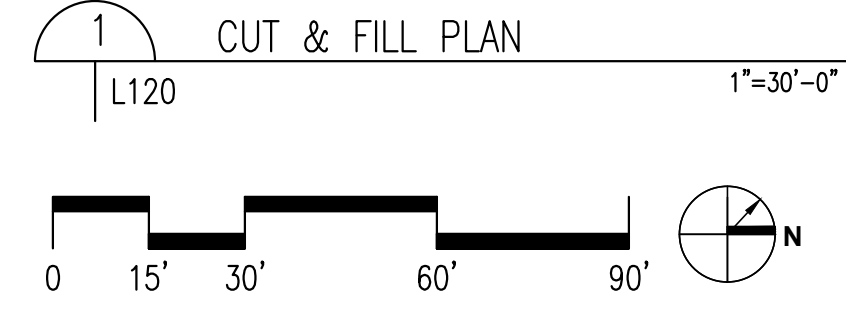
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architecture@mathesbrierre.com

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|-----------------|------------|------------|------------|
| DESIGNED BY | KS | CHECKED BY | KS |
| DRAWN BY | SH | DATE | 05.05.2023 |
| SHEET TITLE | | | |
| CUT & FILL PLAN | | | |
| PROJECT NO. | MBA-11884 | SHEET NO. | L 120 |
| | ABM-201803 | | |



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PROJECT NO: MBA - 11884 ABM - 201813
SCALE: As indicated SHEET NO: ASK002
DRAWN BY: RZ3 DATE: 11/08/23

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MEETING STORAGE [111]
BACKER ROD & FIRE CAULK BOTH SIDES OF MULLION. APPLY INTERIOR CAULK TO MATCH MULLION COLOR OVER FIRE CAULK.
WALLS INTERSECT BELOW WINDOW.
HSS STRUCTURAL STEEL BELOW WINDOW SILL.
WINDOW SILL @ 7'-0" A.F.F.
WINDOW MULLION
MEETING ROOM [109]
RM 109 & 111 WALL END DETL. AT 7'-0" A.F.F. @ WINDOW ESF-B ASK002
MEETING STORAGE [111]
HSS BELOW WINDOW SILL SEE STRUCT.
BACKER ROD & FIRE CAULK BOTH SIDES OF MULLION. APPLY INTERIOR CAULK TO MATCH WALL COLOR EA SIDE.
MEETING ROOM [109]
HSS BELOW WINDOW SILL SEE STRUCT.
ROOM 109 & 111 WALL END DETAIL AT 4'-0" A.F.F. @ EXTERIOR WALL ASK002
MEETING ROOM CEILING
FIRE CAULK SEE DETAIL 1 ASK002
STEEL WINDOW SUPPORT SEE STRUCT.
FIRE CAULK SEE DETAIL 2 ASK002
ROOM 109 & 111 WALL END ASK002

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DATE: 12.08.2023 DRAWN BY: RBJ SCALE: 3" = 1'-0" SHEET NO: ASK003

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1 TRANSITIONS @ WALL TILE ASK003 RE: 11/A610

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PROJECT NO: MBA - 11884 ABM - 201813
DATE: 01/31/24 DRAWN BY: STBP SCALE: SHEET NO: ASK005

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1 DRAIN LINE TIE-IN DETAIL ASK005

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DATE: 12/19/23 DRAWN BY: TH CHECKED BY: SC REFERENCE SHEET: A211 SHEET NO: ASK004

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LOUVER DETAILS

1 HEAD DETAIL: LOUVER AT H.M. TRANSOM 1-1/2" = 1'-0"
2 JAMB DETAIL: LOUVER AT H.M. TRANSOM 1-1/2" = 1'-0"
3 HEAD DETAIL: LOUVER AT BRICK 1-1/2" = 1'-0"
4 JAMB DETAIL: LOUVER AT BRICK 1-1/2" = 1'-0"
5 SILL DETAIL: LOUVER AT CONCRETE 1-1/2" = 1'-0"
6 SILL DETAIL: LOUVER AT H.M. TRANSOM 1-1/2" = 1'-0"

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DATE: 02/15/24 DRAWN BY: MBA CHECKED BY: PP REFERENCE SHEET: SHEET NO: ASK006

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MULTI-PURPOSE ROOM ENTRANCE REVISION

1 FLOOR PLAN - ISF-C REVISION ASK006 1/4" = 1'-0"
2 ISF-C / ISF-D - REVISED ELEVATION ASK006

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PROJECT NO: MBA - 11884 ABM - 201813
DATE: 03/28/24 DRAWN BY: RZ3 CHECKED BY: PP REFERENCE SHEET: MBA/ABM SHEET NO: ASK001rev

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DUMPSTER AREA REVISION

3 DUMPSTER FENCE DETAIL ASK001rev
2 REMOVABLE BOLLARD DETL. ASK001rev
1 ENLARGED DUMPSTER AREA ASK001rev

201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
Voice: 504.586.9303 Fax: 504.582.1305

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MATERIALS KEYING/ GENERAL NOTES

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LOUVER DETAILS

PROJ. NO: MBA - 11884 ABM - 201813
DATE: 12/19/23
DRAWN BY: TH
CHECKED BY: SC
REFERENCE SHEET: A211
SHEET NO: ASK004

ST. BERNARD PARISH PUBLIC LIBRARY

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MULTI-PURPOSE ROOM ENTRANCE REVISION

PROJ. NO: MBA - 11884 ABM - 201813
DATE: 02/15/24
DRAWN BY: MBA
CHECKED BY: PP
REFERENCE SHEET: SHEET NO: ASK006
REVISED 03.05.24

| No. | Description | Date |
|-----|-------------------|----------|
| 1 | Driveway Revision | 09/26/23 |

KEY PLAN

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MULTI-PURPOSE ROOM ENTRANCE REVISION

PROJ. NO: MBA - 11884 ABM - 201813
DATE: 03/28/24
DRAWN BY: RZ3
CHECKED BY: PP
REFERENCE SHEET: MBA/ABM
SHEET NO: ASK001rev

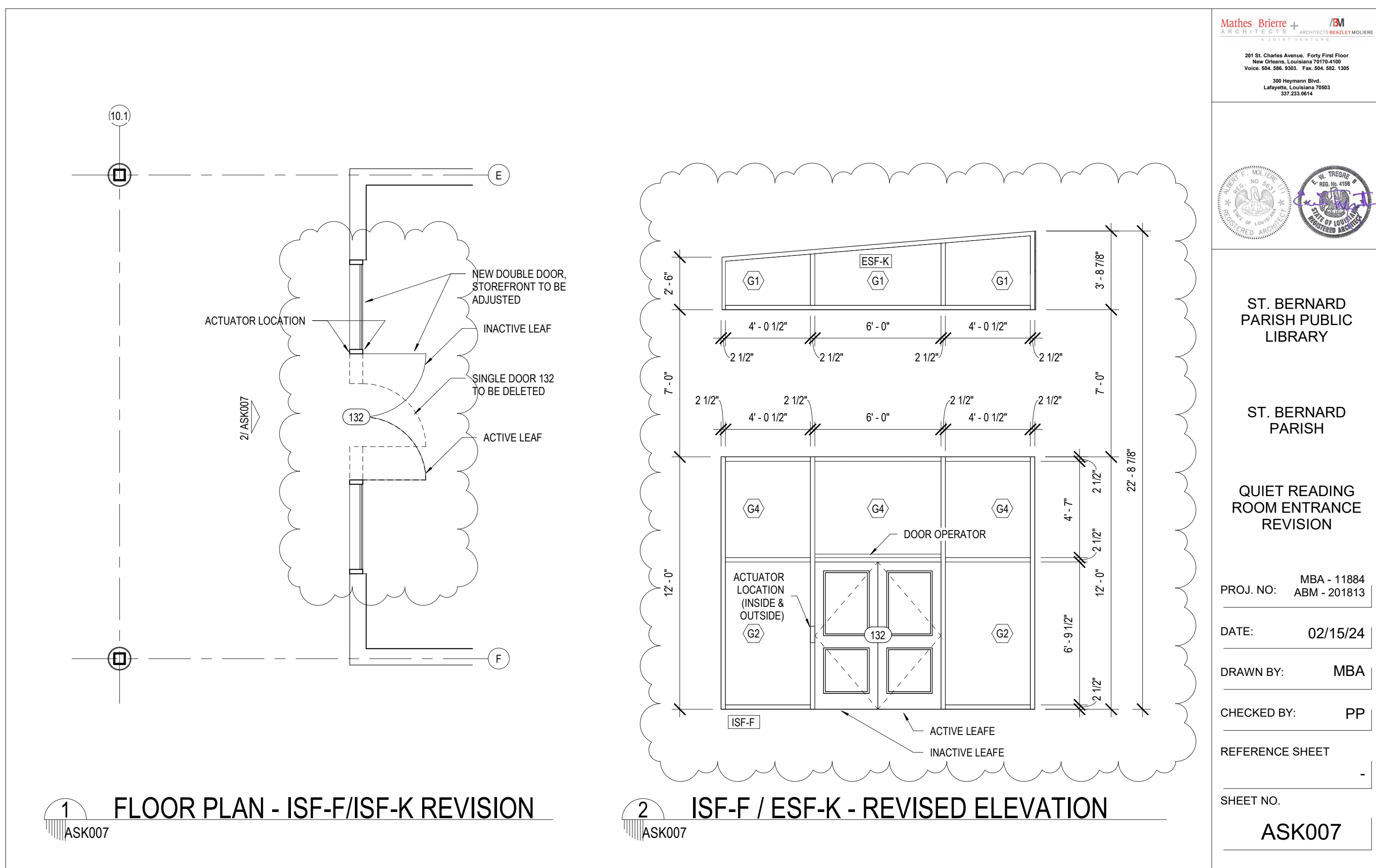
PROJECT TITLE

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PERMIT DOCUMENTS

| | |
|--------------------------------------|------------------|
| DESIGNED BY: MBA/ABM | CHECKED BY: PP |
| DRAWN BY: CF/RZ | DATE: 05.05.2023 |
| SHEET TITLE: SITE PLAN | |
| PROJECT NO: MBA - 11884 ABM - 201813 | SHEET NO: ASKs |



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ARCHITECTS

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QUIET READING ROOM ENTRANCE REVISION

PROJ. NO: MBA - 11884
ABM - 201813

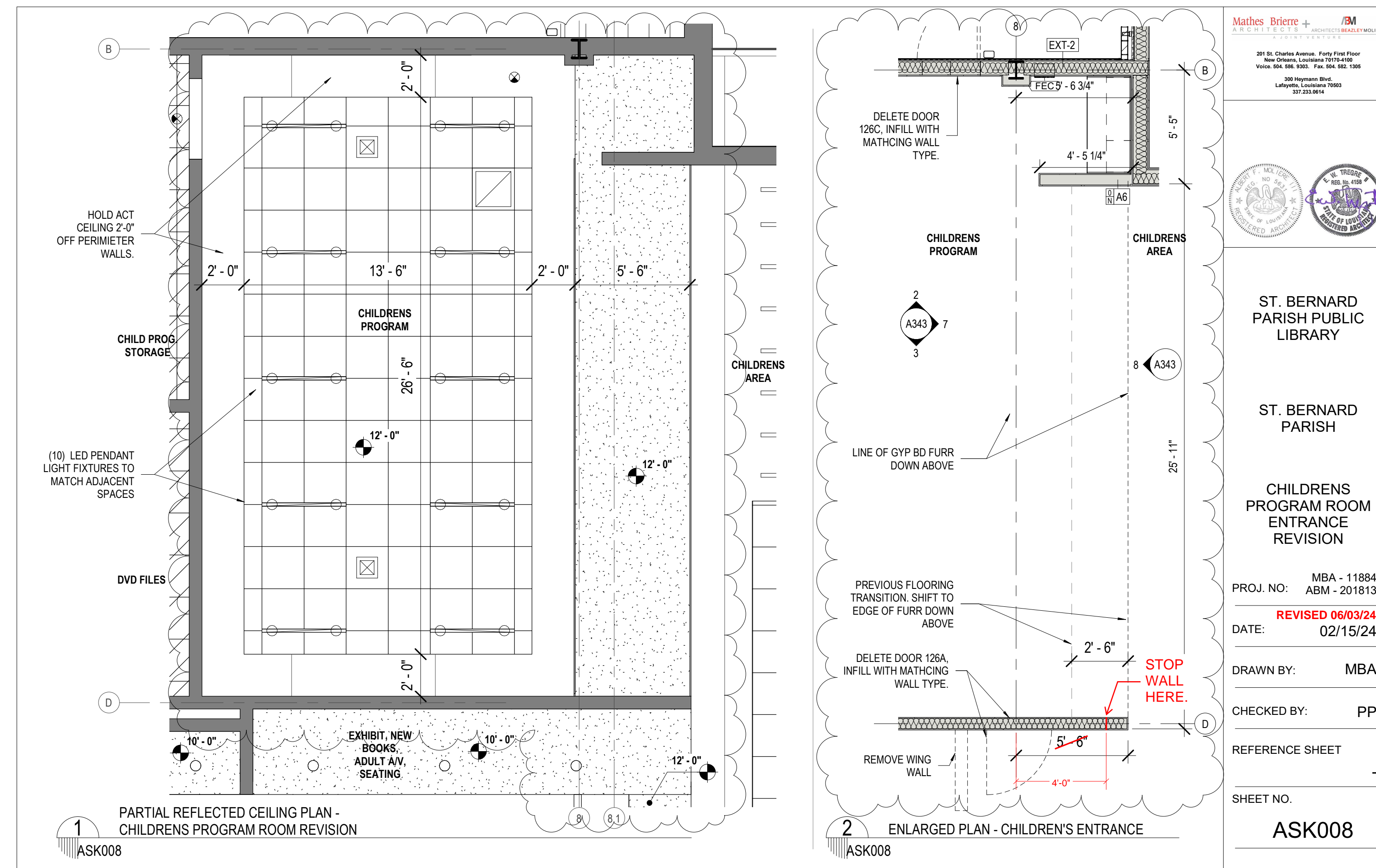
DATE: 02/15/24

DRAWN BY: MBA

CHECKED BY: PP

REFERENCE SHEET

SHEET NO. ASK007



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CHILDRENS PROGRAM ROOM ENTRANCE REVISION

PROJ. NO: MBA - 11884
ABM - 201813

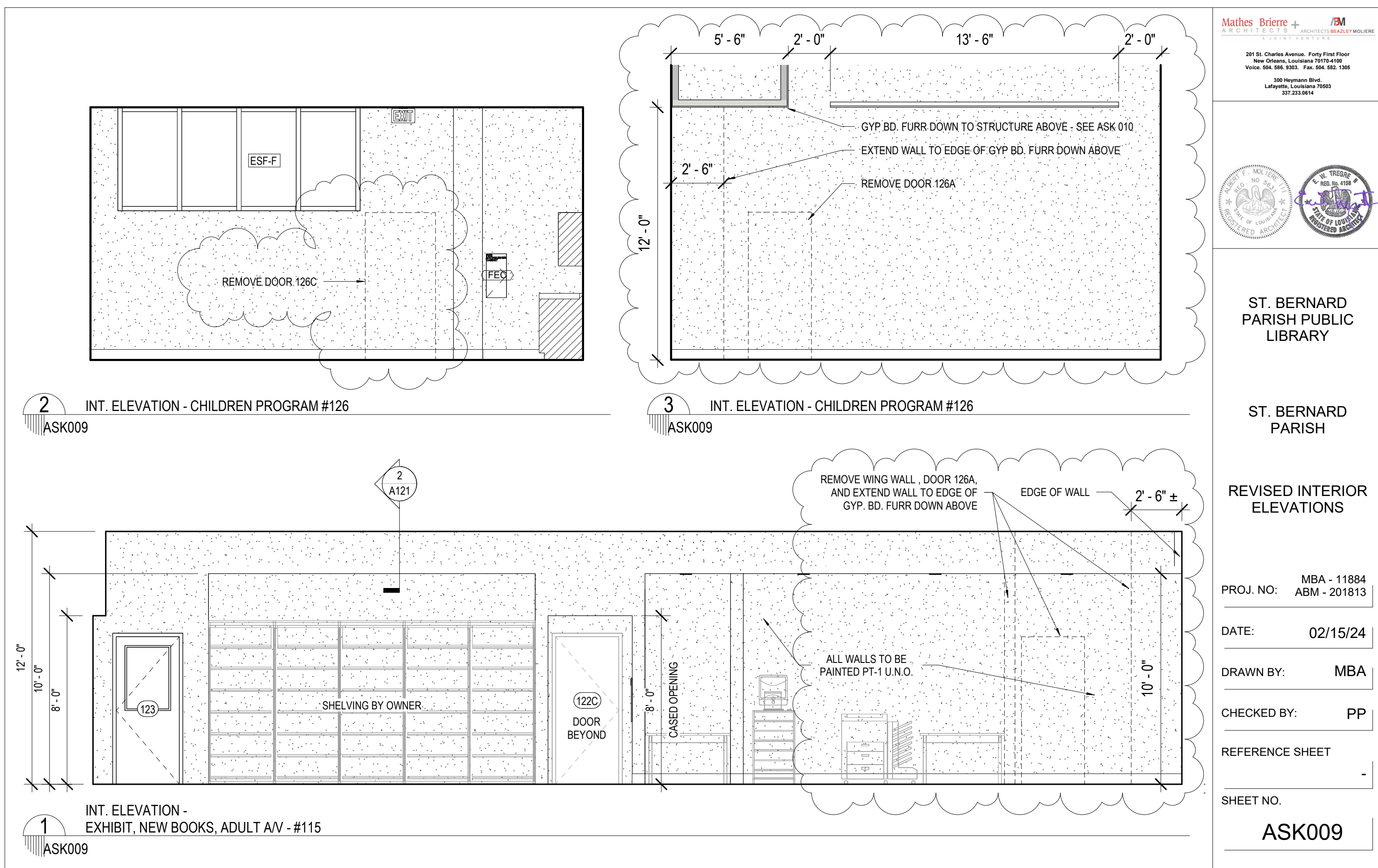
DATE: 02/15/24
REVISED 06/03/24

DRAWN BY: MBA

CHECKED BY: PP

REFERENCE SHEET

SHEET NO. ASK008



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REVISED INTERIOR ELEVATIONS

PROJ. NO: MBA - 11884
ABM - 201813

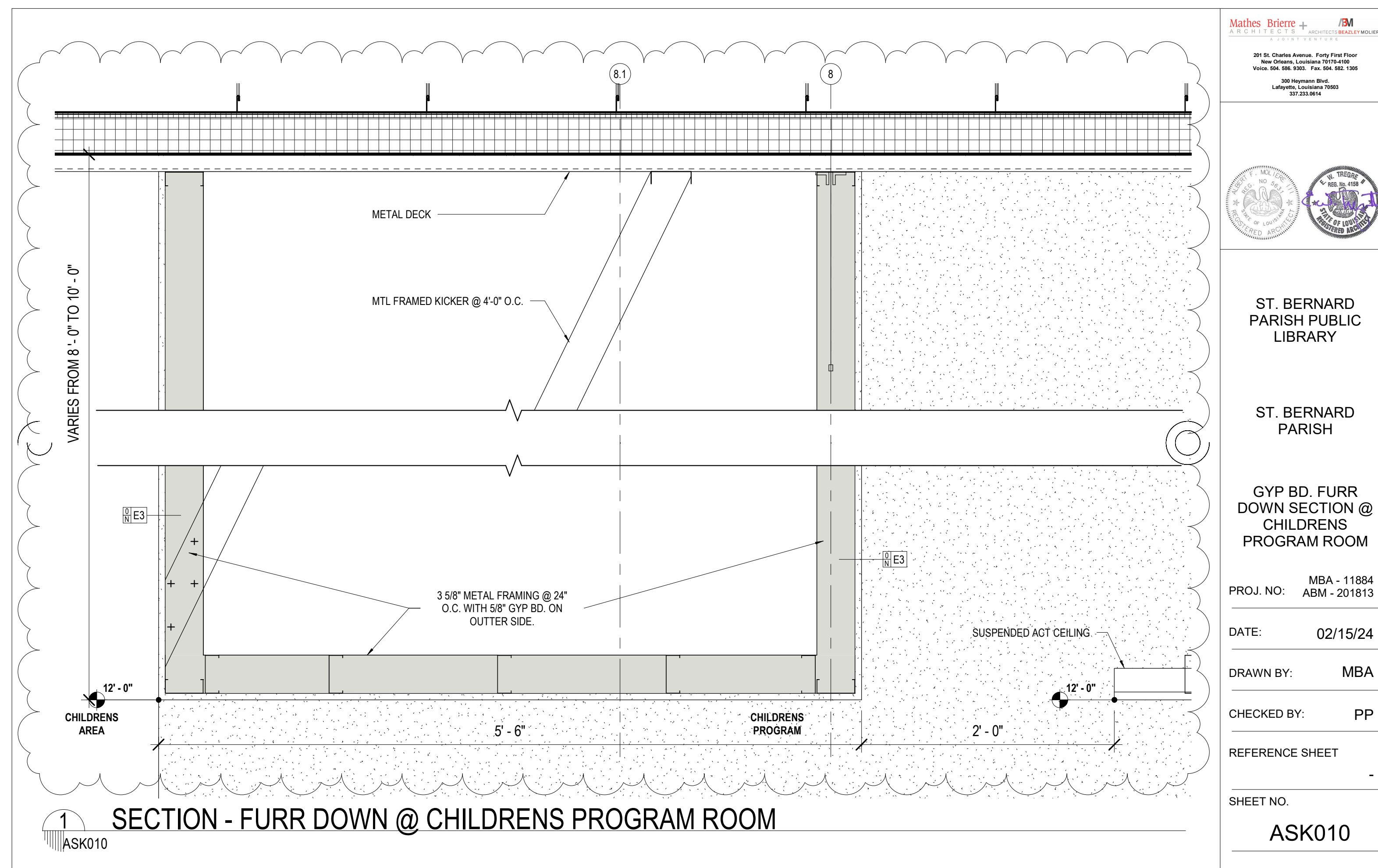
DATE: 02/15/24

DRAWN BY: MBA

CHECKED BY: PP

REFERENCE SHEET

SHEET NO. ASK009



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GYP BD. FURR DOWN SECTION @ CHILDRENS PROGRAM ROOM

PROJ. NO: MBA - 11884
ABM - 201813

DATE: 02/15/24

DRAWN BY: MBA

CHECKED BY: PP

REFERENCE SHEET

SHEET NO. ASK010

MATERIALS KEYING/ GENERAL NOTES



| No. | Description | Date |
|-----|-------------------|----------|
| 1 | Driveway Revision | 09/26/23 |
| | | |
| | | |

KEY PLAN

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A JOINT VENTURE

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| DRAWN BY: CF/RZ | DATE: 05.05.2023 |

SHEET TITLE: SITE PLAN

| | |
|---|----------------|
| PROJECT NO: MBA - 11884 ABM - 201813 | SHEET NO: ASKs |
|---|----------------|



1 FLOOR PLAN - FLOOR OUTLET DIMENSIONS
ASK011

| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |
| | | |

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PROJECT TITLE

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PERMIT DOCUMENTS

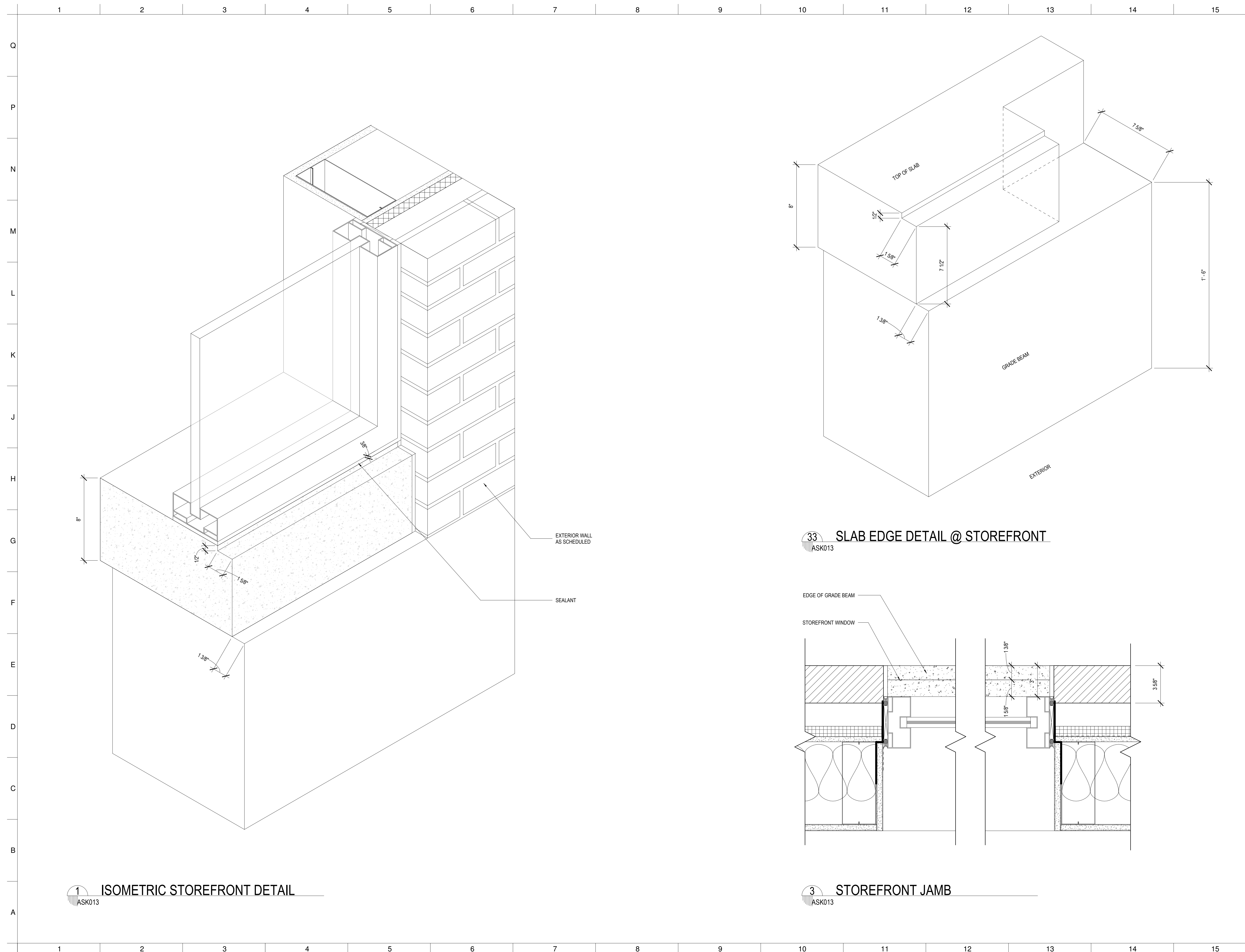
| | | | |
|-------------|----------|------------|------------|
| DESIGNED BY | Designer | CHECKED BY | Checker |
| DRAWN BY | Author | DATE | 05.05.2023 |

SHEET TITLE
Unnamed

| | |
|-------------|-----------|
| PROJECT NO. | SHEET NO. |
|-------------|-----------|

MBA - 11884
ABM - 201813

ASK011



1 ISOMETRIC STOREFRONT DETAIL

33 SLAB EDGE DETAIL @ STOREFRONT

3 STOREFRONT JAMB

MATERIALS KEYING/ GENERAL NOTES

| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |
| | | |
| | | |

KEY PLAN

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PROJECT TITLE

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|-----------------------------|------------|------------|
| DESIGNED BY | CHECKED BY | PP |
| DRAWN BY | DATE | 05.05.2023 |
| SHEET TITLE | | |
| ISOMETRIC STOREFRONT DETAIL | | |
| PROJECT NO. | SHEET NO. | |
| MBA - 11884 ABM - 201813 | ASK013 | |

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PROJECT NO. MBA - 11884 ABM - 201813

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DATE: 02/28/24 DRAWN BY: LB SCALE: 1/4" = 1'-0" SHEET NO. ASK014

1 SLAB SLOPING @ COVERED PORCH
ASK014

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LOW ROOF FRAMING
OPENING FOR EXHAUST DUCT

ASK-15 DATE 4/25/24

Mathes Briere + ARCHITECTS BEAZLEY MOLIÈRE

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SCALE: 1 1/2" = 1'-0" DRAWN BY: Author DATE: 06/03/24

SHEET NO. ASK017

34 X 18 DUCT

FACE OF FINISH AT WEST WALL

3 5/8" METAL FRAMED KICKER ATTACHED TO FACE OF GYP. BD.

5/8" GYP. BD.

PLENUM CLOSURE TO STRUCTURE ABOVE

AXIOM TRIM

12'-0" A.F.F.

2'-0"

ACT AND SUSPENSION SYSTEM, REF TO FINISH LEGEND

1 CEILING DETAIL @ ACT CEILING
ASK017 1 1/2" = 1'-0" SIMILAR TO 8/A121 - @ WEST WALL RE: RFI #70

6" 20 GA. MTL. FRAMING

L4x6x5/16 @ 4'-0" O.C.

L4x6x5/16 CONTINUOUS

EXHIBIT NEW BOOKS ADULT AV. SEATING 115

ALUMINUM COL. WRAP SEE DETAIL 11/A131

1 CLG DTL - CL F (6/A121 - revised 07.22.24)
ASK018 A 1" = 1'-0"

PROVIDE SLIP CONNECTION AT METAL FRAMING TO DECK

(2) LAYERS 5/8" GYP. BD.

EXISTING 6" 20 GA. MTL. FRAMING @ 16" O.C.

CONT. MTL. FRAMED HEADER (1-600-S162-68 / 1-600T125-68)

L4x6x5/16

EXHIBIT NEW BOOKS ADULT AV. SEATING 115

WOOD BLOCKING

ALUMINUM COL. WRAP SEE DETAIL 11/A131

2 FURR DOWN AT CL 7 BETWEEN CL F & G
ASK018 A 1" = 1'-0"

Mathes Briere + ARCHITECTS BEAZLEY MOLIÈRE

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DETAIL 6/A121 REVISION

PROJ. NO: MBA-11884 ABM-201813

DATE: 06/27/24

DRAWN BY: RZ3

CHECKED BY: RZ3

REFERENCE SHEET MBA/ABM

SHEET NO. ASK018 A

REVISION 4 09.18.24

Mathes Briere + ARCHITECTS BEAZLEY MOLIÈRE A JOINT VENTURE

PROJECT NO. MBA - 11884 ABM - 201813

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DATE: 04/30/24 DRAWN BY: RZ3 SCALE: As indicated SHEET NO. ASK016

PROVIDE WALL MNTD OPERATING SWITCH FOR SCREEN ADJACENT TO ELECTRICAL SWITCH

EQ

EQ

RECESSED PROJECTION SCREEN

3 5/8" MTL. FRAMING SECURE TO DECK AND EXTERIOR WALL

CONNECT ELECTRICAL TO EITHER LRC98 OR LRC14

CEILING AS SCHEDULED

RECESSED PROJECTION SCREEN

1 PROJECTION SCREEN FRAMING DETAIL
ASK016 1/2" = 1'-0"

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TRIPLE STUD PACK (3-600S200-68)

L4x6x5/16

L2x2x1/2GA x 6 W/ 4 - #12 TEK SCREWS EA. LEG

2 CONNECTION OF ANGLE & STUD PACK
ASK018 B 3" = 1'-0"

L4x6x5/16 ANGLE WELDED AT JOINT

TRIPLE STUD 3/4x6x200-68

1 ASK018 - FLOOR PLAN
ASK018 B 1/4" = 1'-0"

Mathes Briere + ARCHITECTS BEAZLEY MOLIÈRE

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DETAIL 6/A121 REVISION

PROJ. NO: MBA-11884 ABM-201813

DATE: 07/22/24

DRAWN BY: RZ3

CHECKED BY: RZ3

REFERENCE SHEET MBA/ABM

SHEET NO. ASK018 B

REVISION 3 09.02.24

MATERIALS KEYING/ GENERAL NOTES



| No. | Description | Date |
|-----|-------------------|----------|
| 1 | Driveway Revision | 09/26/23 |
| | | |
| | | |

KEY PLAN

Mathes Briere + ARCHITECTS BEAZLEY MOLIÈRE A JOINT VENTURE

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PROJECT TITLE

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| DESIGNED BY | MBA/ABM | CHECKED BY | PP |
| DRAWN BY | CF/RZ | DATE | 05.05.2023 |
| SHEET TITLE | SITE PLAN | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | ASKs |
| ABM - 201813 | | | |

Mathes Briere + IBM ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE PROJECT NO: MBA - 11884 ABM - 201813
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DATE: 07/02/24 DRAWN BY: RZ3 SCALE: 3" = 1'-0" SHEET NO. ASK019

COLUMN LINE J/6 - UPPER LEVEL COLUMN
 3" = 1'-0" BOX COLUMN ABOVE LOWER ROOF DECK TO STRUCTURE ABOVE

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ST. BERNARD PARISH PUBLIC LIBRARY

DATE: 07/18/24 (REV. 07/30/24) DRAWN BY: RZ3 SHEET NO. ASK020

DETAIL @ LOBBY CLERESTORY - PARTIAL REVISION
 1 1 1/2" = 1'-0"

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2 LOBBY - BEAM WRAP ELEV.
 3/4" = 1'-0"

3 LOBBY BEAM WRAP PLAN DETAIL
 1 1/2" = 1'-0"

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EMPLOYEE PARKING ELEVATION REVISIONS
 1 ASK021

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6 DETAIL @ BRICK & EXTERIOR STOREFRONT
 REVISED 6/14/25

HEAD DETAIL AT ESF-B
 PARTIAL REVISION TO 6/14/25

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EMPLOYEE PARKING ELEVATIONS

PROJ. NO: MBA-11884 ABM-201813
 DATE: 08/12/24
 DRAWN BY: RZ3
 CHECKED BY: PP
 REFERENCE SHEET: MBA/ABM
 SHEET NO.: ASK021

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MULTI-PURPOSE ROOM ENTRANCE REVISION

PROJ. NO: MBA - 11884 ABM - 201813
 DATE: 08/14/24
 DRAWN BY: MBA
 CHECKED BY: PP
 REFERENCE SHEET: A422 / A425
 SHEET NO.: ASK022

MATERIALS KEYING/ GENERAL NOTES

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EMPLOYEE PARKING ELEVATIONS

PROJ. NO: MBA-11884 ABM-201813
 DATE: 08/12/24
 DRAWN BY: RZ3
 CHECKED BY: PP
 REFERENCE SHEET: MBA/ABM
 SHEET NO.: ASK021

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MULTI-PURPOSE ROOM ENTRANCE REVISION

PROJ. NO: MBA - 11884 ABM - 201813
 DATE: 08/14/24
 DRAWN BY: MBA
 CHECKED BY: PP
 REFERENCE SHEET: A422 / A425
 SHEET NO.: ASK022

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| No. | Description | Date |
|-----|-------------------|----------|
| 1 | Driveway Revision | 09/26/23 |

KEY PLAN

PROJECT TITLE

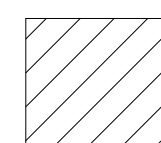
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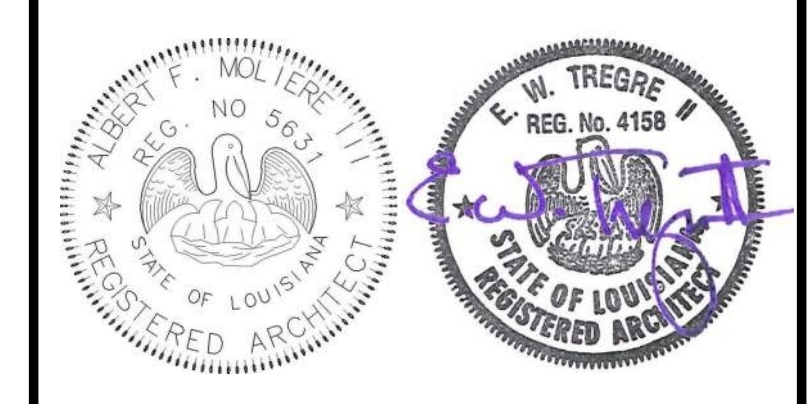
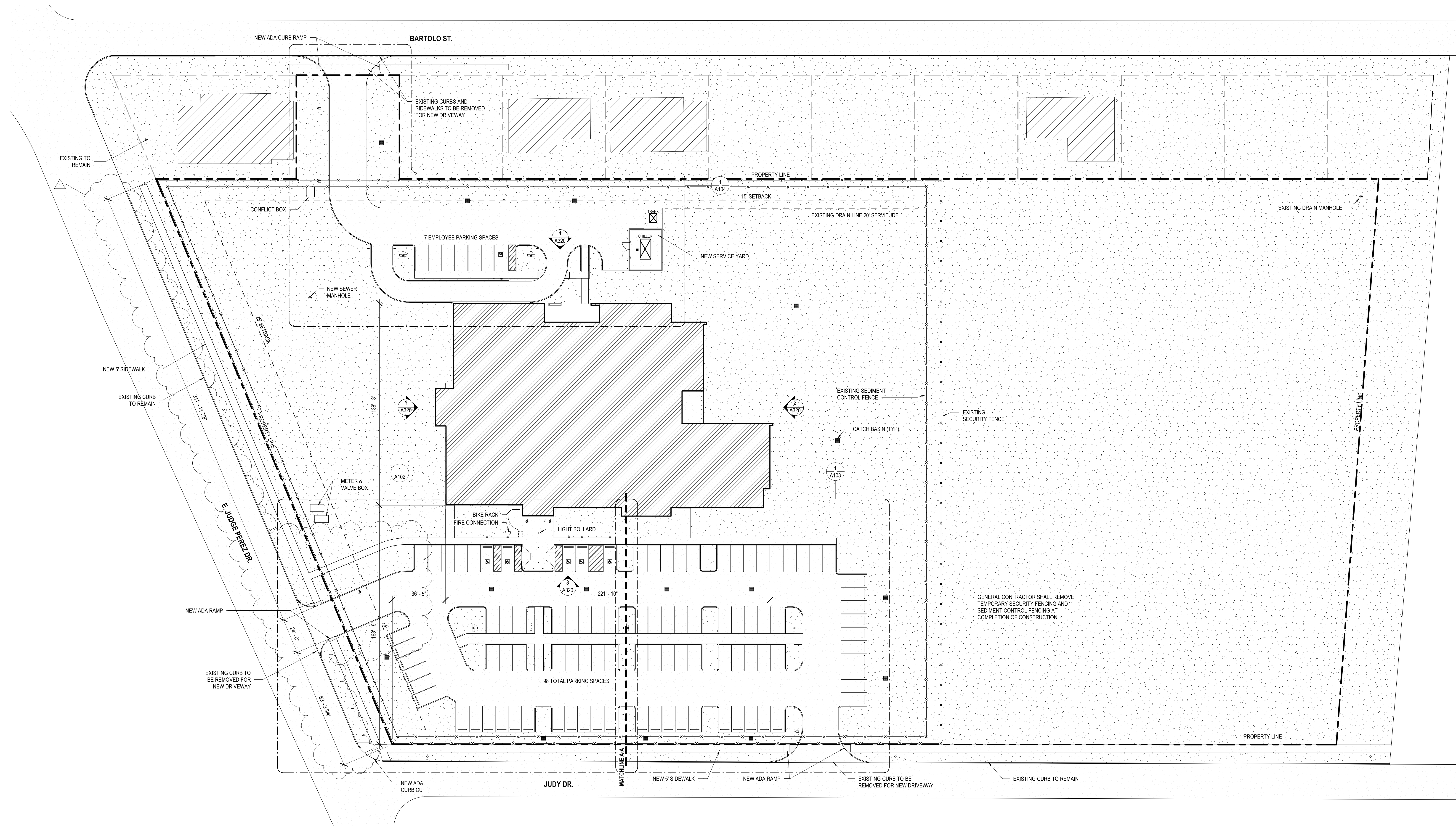
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|--------------------------------------|------------------|
| DESIGNED BY: MBA/ABM | CHECKED BY: PP |
| DRAWN BY: CF/RZ | DATE: 05.05.2023 |
| SHEET TITLE: SITE PLAN | |
| PROJECT NO: MBA - 11884 ABM - 201813 | SHEET NO: ASKs |

SITE PLAN LEGEND

 EXISTING STRUCTURE NOT IN SCOPE



| No. | Description | Date |
|-----|-------------------|----------|
| 1 | Driveway Revision | 09/26/23 |
| | | |
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KEY PLAN

Mathes Brierre + ABM
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PROJECT TITLE

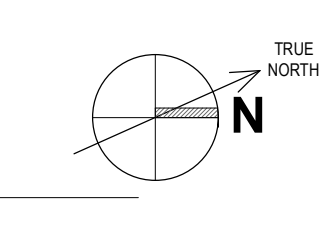
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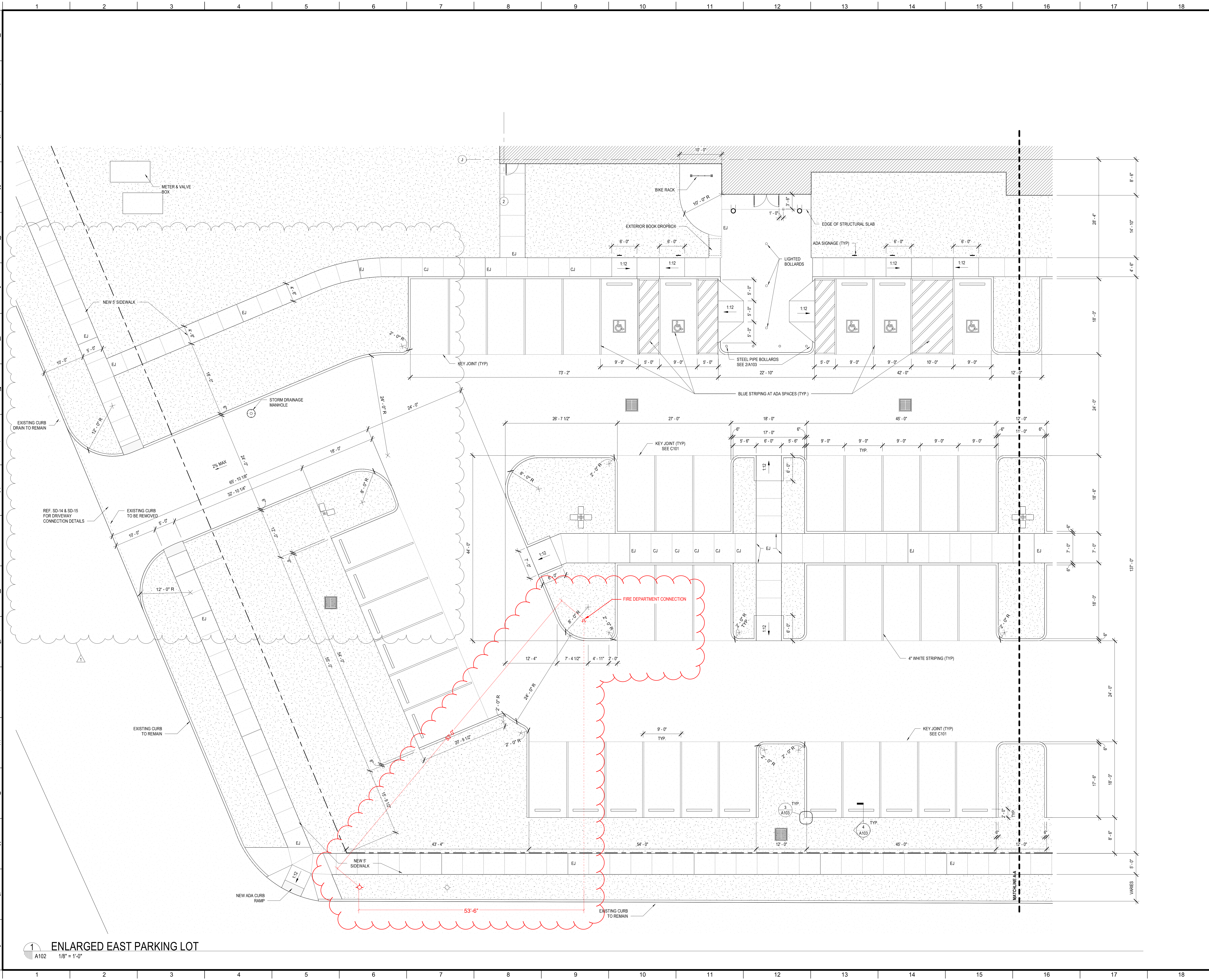
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| DESIGNED BY | MBA/ABM | CHECKED BY | PP |
| DRAWN BY | CF/RZ | DATE | 05.05.2023 |
| SHEET TITLE | SITE PLAN | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | A101 |
| | ABM - 201813 | | |

1 SITE PLAN
 A101 1" = 30'-0"





1 ENLARGED EAST PARKING LOT
1/8" = 1'-0"



| No. | Description | Date |
|-----|---------------------------------------|----------|
| 1 | Driveway Revision | 09/26/23 |
| 2 | Fire Department Connection Relocation | 07/18/24 |

KEY PLAN

Mathes Brierre + **ABM**
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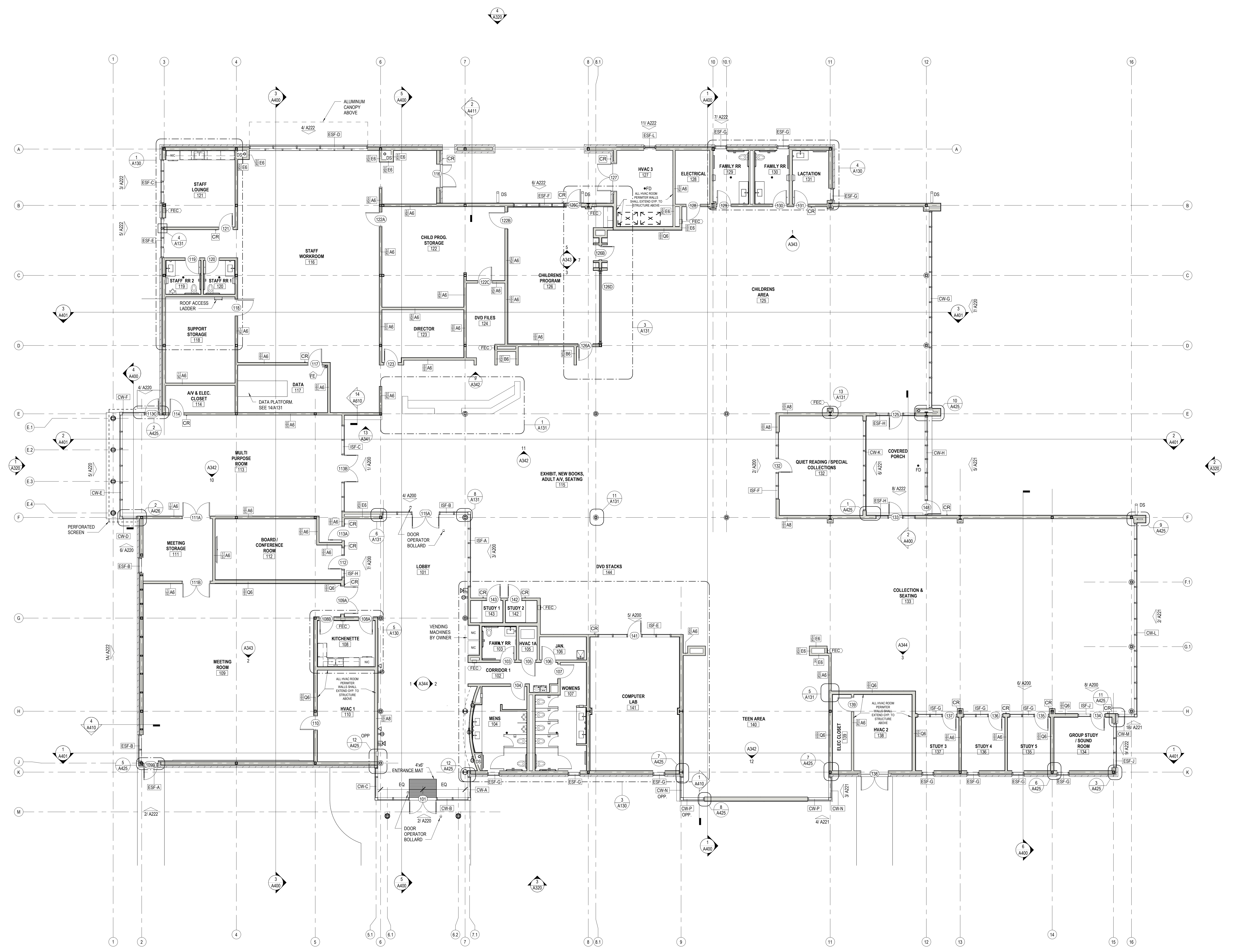
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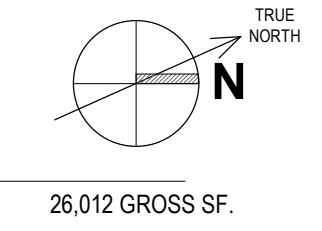
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|-------------|---------|------------|------------|
| DESIGNED BY | MBA/ABM | CHECKED BY | PP |
| DRAWN BY | CF/RZ | DATE | 05.05.2023 |

SHEET TITLE
ENLARGED SITE PLANS

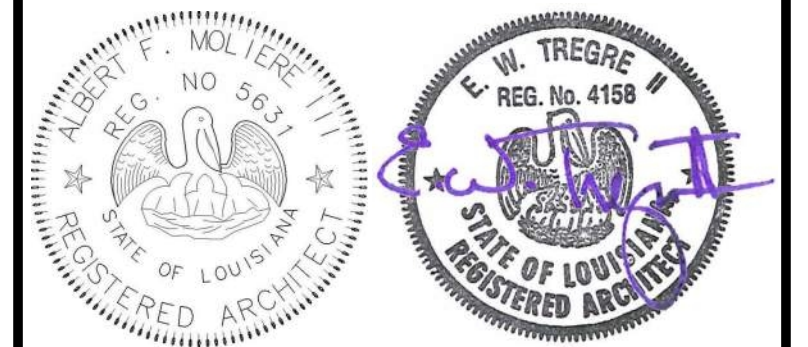
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|-------------|--------------|-----------|------|
| PROJECT NO. | MBA - 11884 | SHEET NO. | A102 |
| | ABM - 201813 | | |



1 FLOOR PLAN
1/8" = 1'-0"



26,012 GROSS SF.



| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |
| | | |

KEY PLAN

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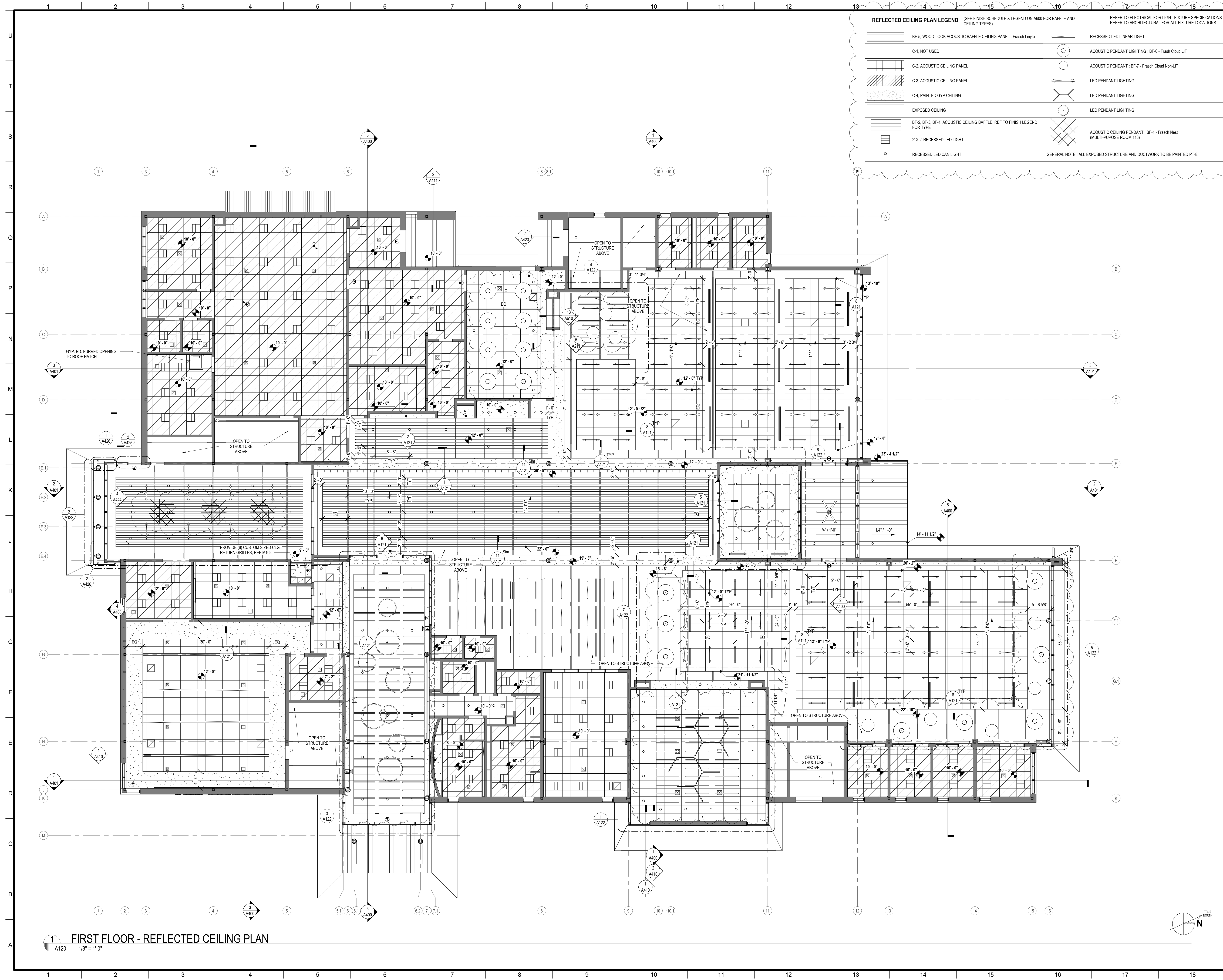
PROJECT TITLE

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| DESIGNED BY | MBA/ABM | CHECKED BY | PP |
| DRAWN BY | CF/RZ | DATE | 05.05.2023 |
| SHEET TITLE FLOOR PLAN | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | A110 |
| | ABM - 201813 | | |



| REFLECTED CEILING PLAN LEGEND (SEE FINISH SCHEDULE & LEGEND ON A600 FOR BAFFLE AND CEILING TYPES) | | REFER TO ELECTRICAL FOR LIGHT FIXTURE SPECIFICATIONS. REFER TO ARCHITECTURAL FOR ALL FIXTURE LOCATIONS. | |
|---|--|---|--|
| | BF-5, WOOD-LOOK ACOUSTIC BAFFLE CEILING PANEL - Frisch Linylet | | RECESSED LED LINEAR LIGHT |
| | C-1, NOT USED | | ACOUSTIC PENDANT LIGHTING - BF-6 - Frisch Cloud LIT |
| | C-2, ACOUSTIC CEILING PANEL | | ACOUSTIC PENDANT - BF-7 - Frisch Cloud Non-LIT |
| | C-3, ACOUSTIC CEILING PANEL | | LED PENDANT LIGHTING |
| | C-4, PAINTED GYP CEILING | | LED PENDANT LIGHTING |
| | EXPOSED CEILING | | LED PENDANT LIGHTING |
| | BF-2, BF-3, BF-4, ACOUSTIC CEILING BAFFLE. REF TO FINISH LEGEND FOR TYPE | | ACOUSTIC CEILING PENDANT - BF-1 - Frisch Nest (MULTI-POUSE ROOM 113) |
| | 2 X 2 RECESSED LED LIGHT | GENERAL NOTE: ALL EXPOSED STRUCTURE AND DUCTWORK TO BE PAINTED PT-8. | |
| | RECESSED LED CAN LIGHT | | |

MATERIALS KEYING/ GENERAL NOTES

| No. | Description | Date |
|-----|-------------|----------|
| 1 | Addendum 2 | 05/26/23 |

KEY PLAN

Mathes Brierre + MBM
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
Voice: 504.586.9303 Fax: 504.582.1305

300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

PROJECT TITLE

ST. BERNARD PARISH PUBLIC LIBRARY

ST. BERNARD PARISH

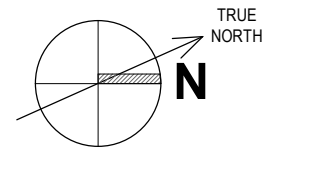
PERMIT DOCUMENTS

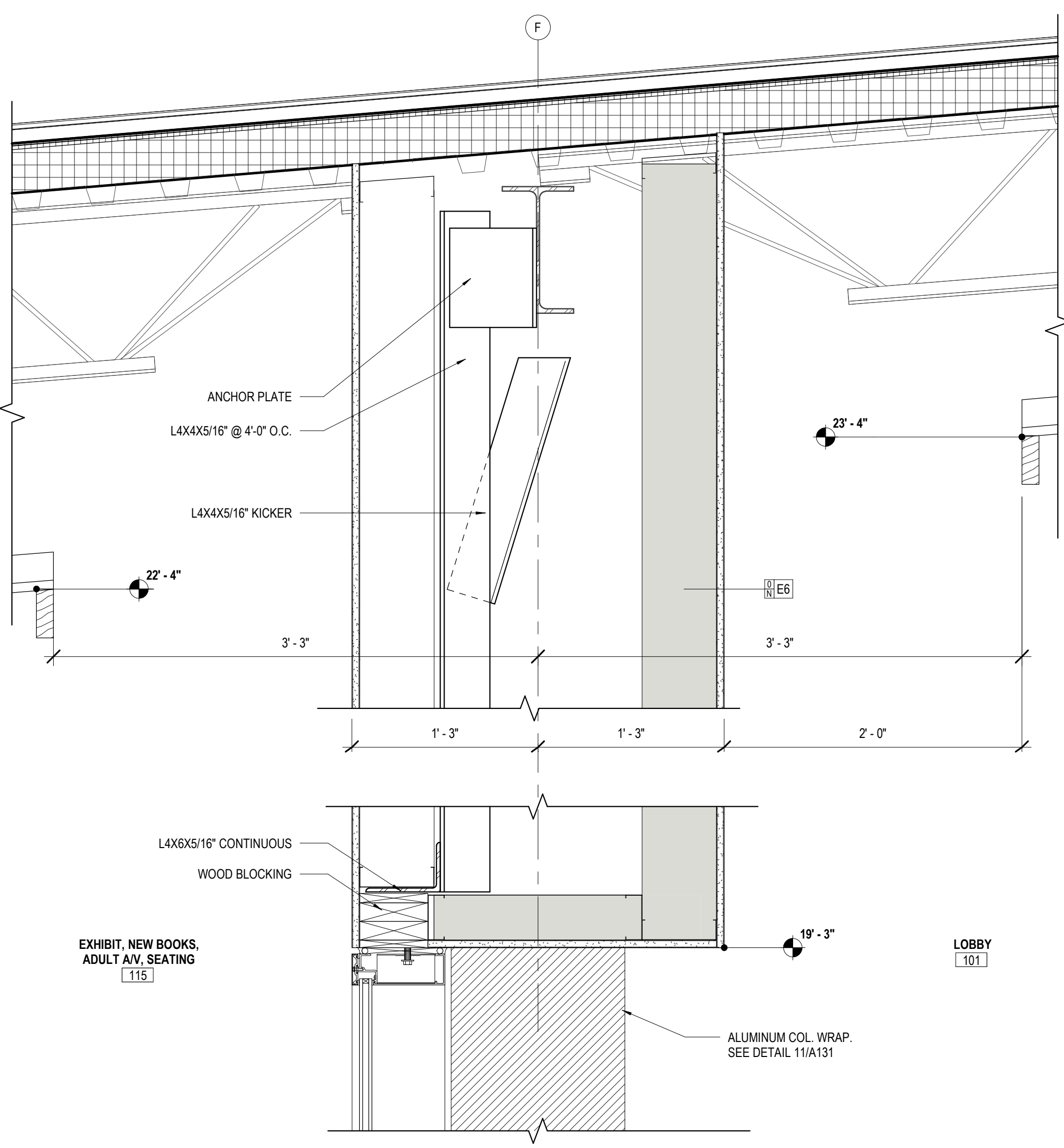
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|-------------|---------|------------|------------|
| DESIGNED BY | MBA/ABM | CHECKED BY | PP |
| DRAWN BY | CF/F/RZ | DATE | 05.05.2023 |

SHEET TITLE
REFLECTED CEILING PLAN

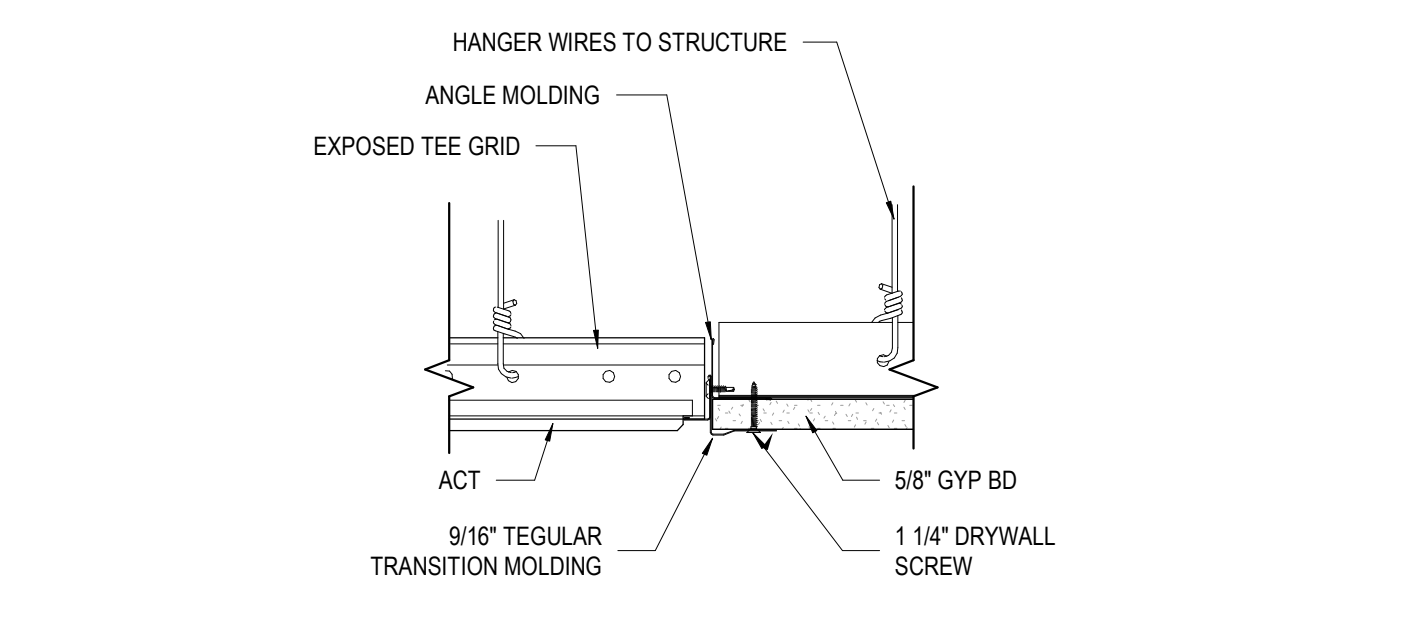
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|-------------|--------------|-----------|------|
| PROJECT NO. | MBA - 11884 | SHEET NO. | A120 |
| | ABM - 201813 | | |

1 FIRST FLOOR - REFLECTED CEILING PLAN
A120 1/8" = 1'-0"

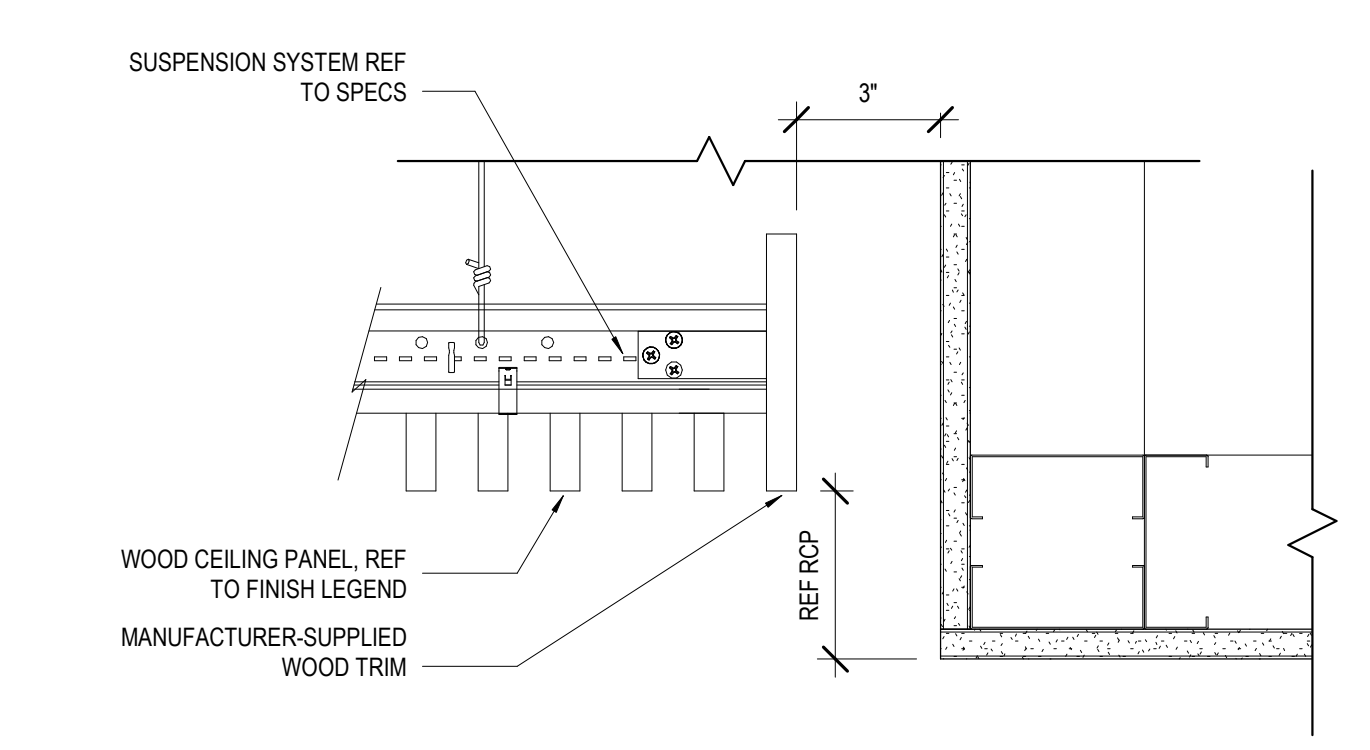




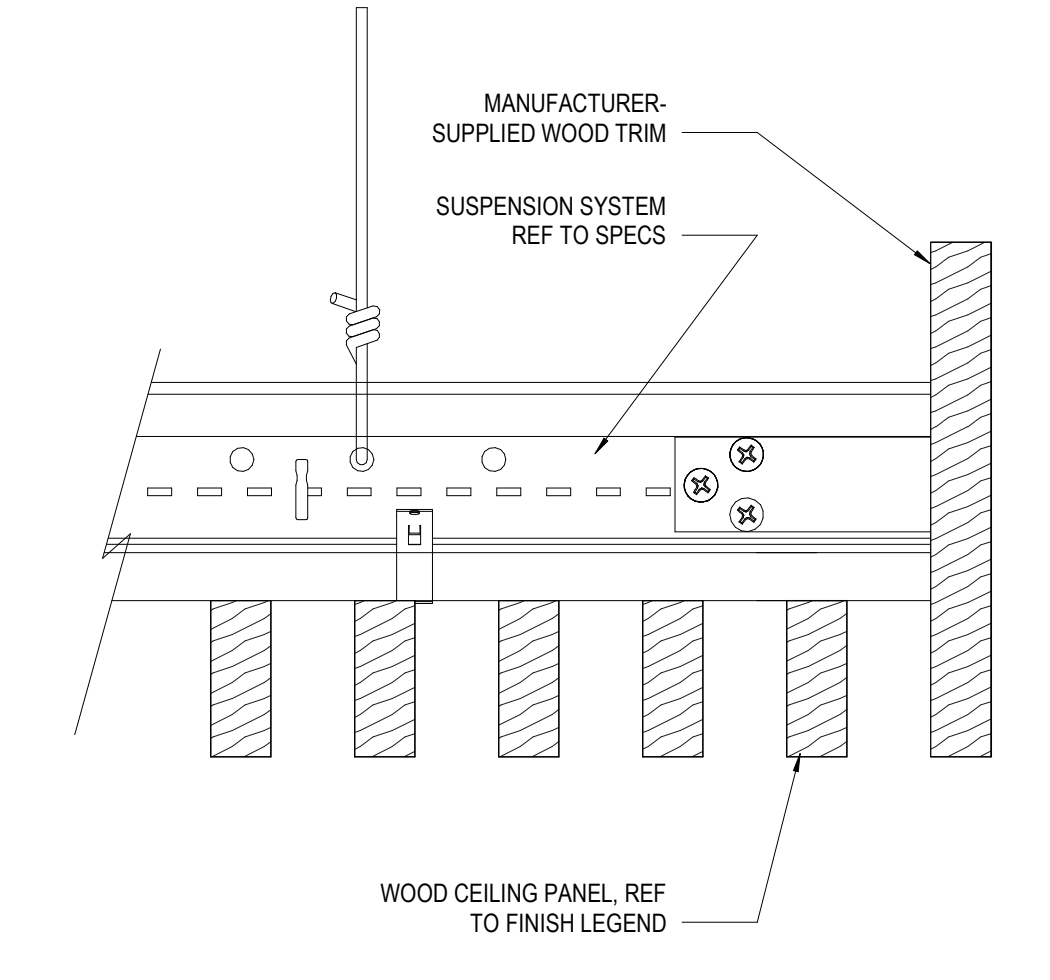
6 CLG DTL - CL F
A121 1 1/2" = 1'-0"



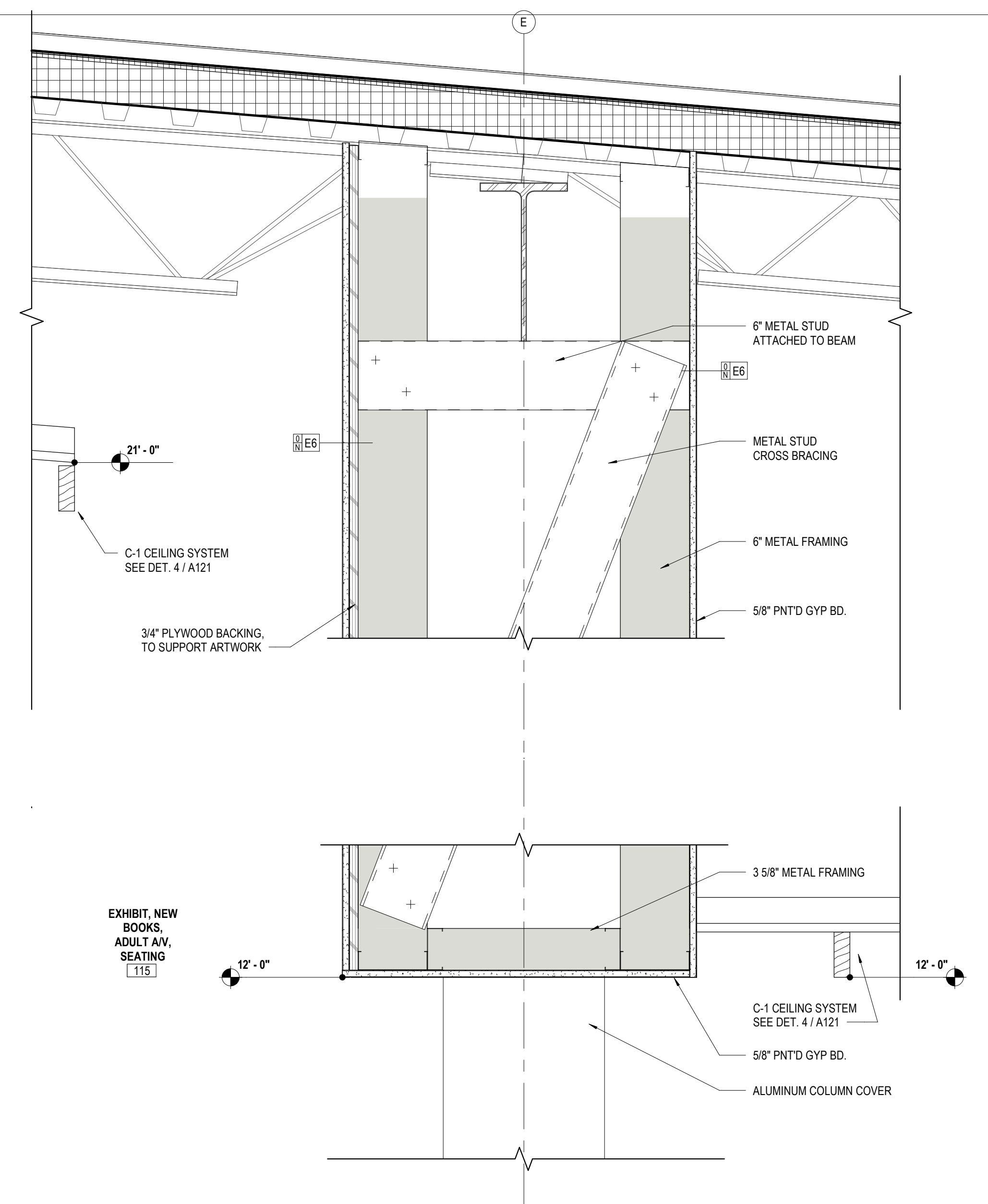
9 DTL @ ACT TO GB CLG.
A121 3" = 1'-0"



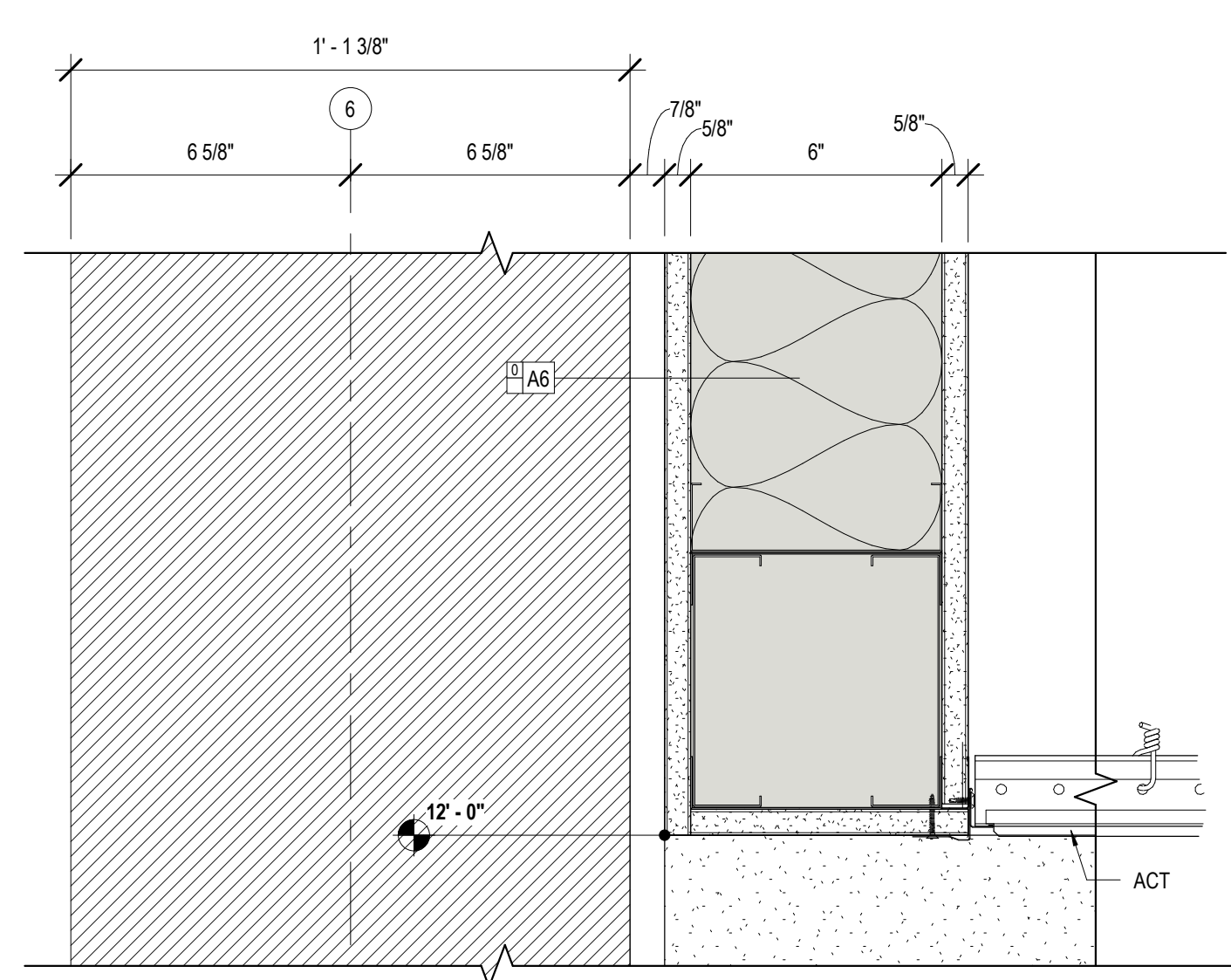
10 CEILING DETAIL @ WOOD CEILING
A121 3" = 1'-0"



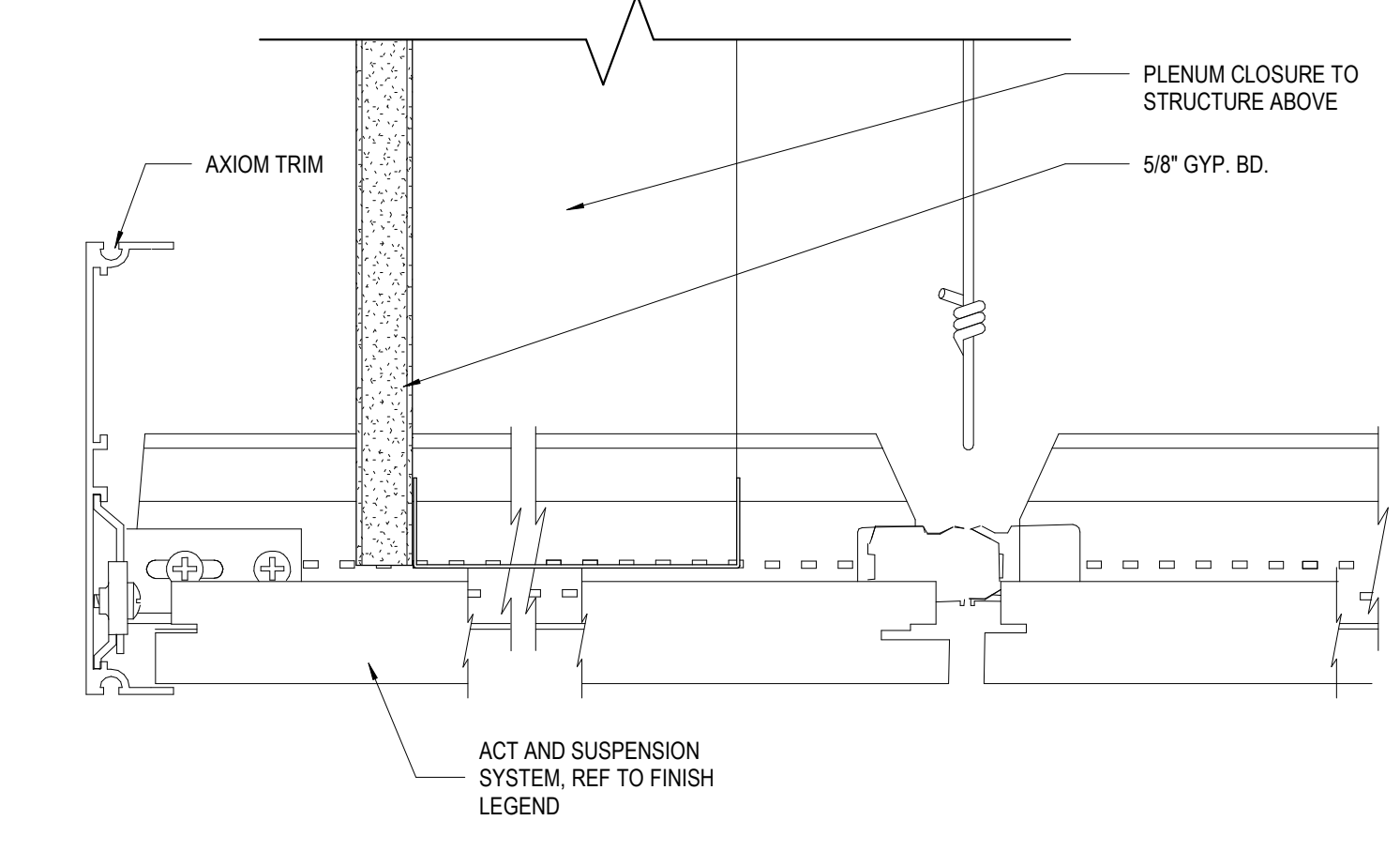
11 CEILING DTL. @ WOOD CEILING
A121 6" = 1'-0"



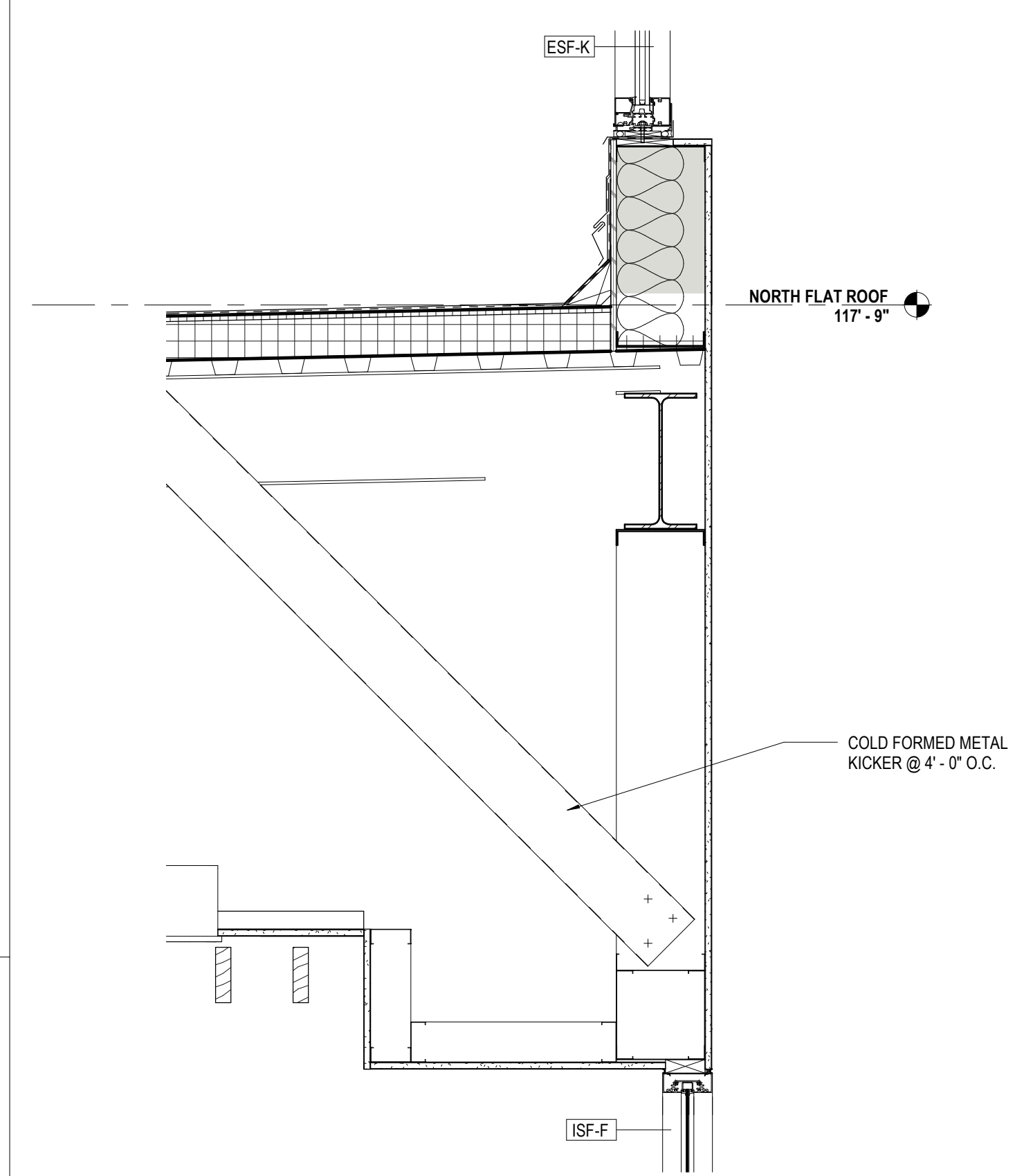
1 CLG DTL - CL E
A121 1 1/2" = 1'-0"



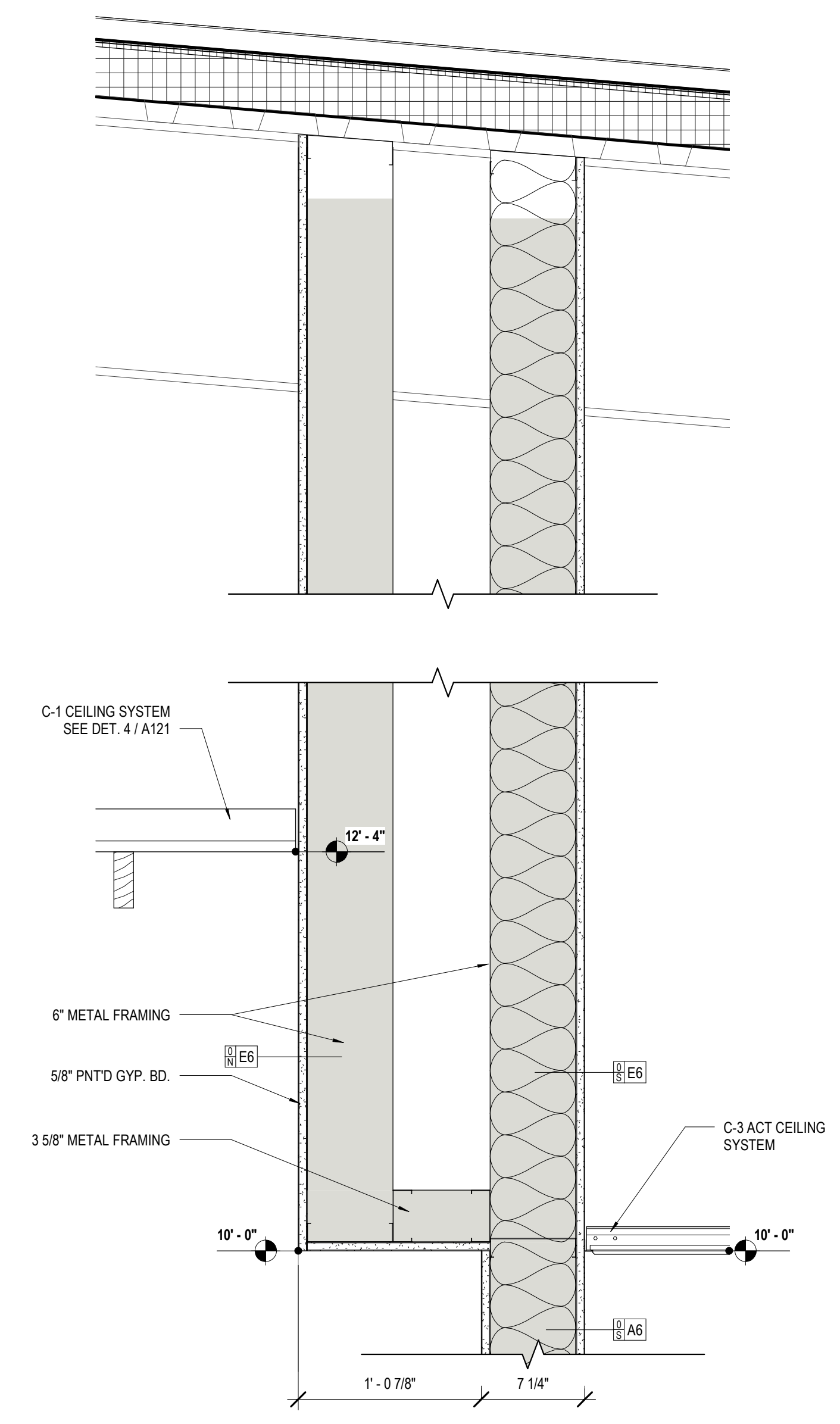
7 CLG DTL - CL G
A121 3" = 1'-0"



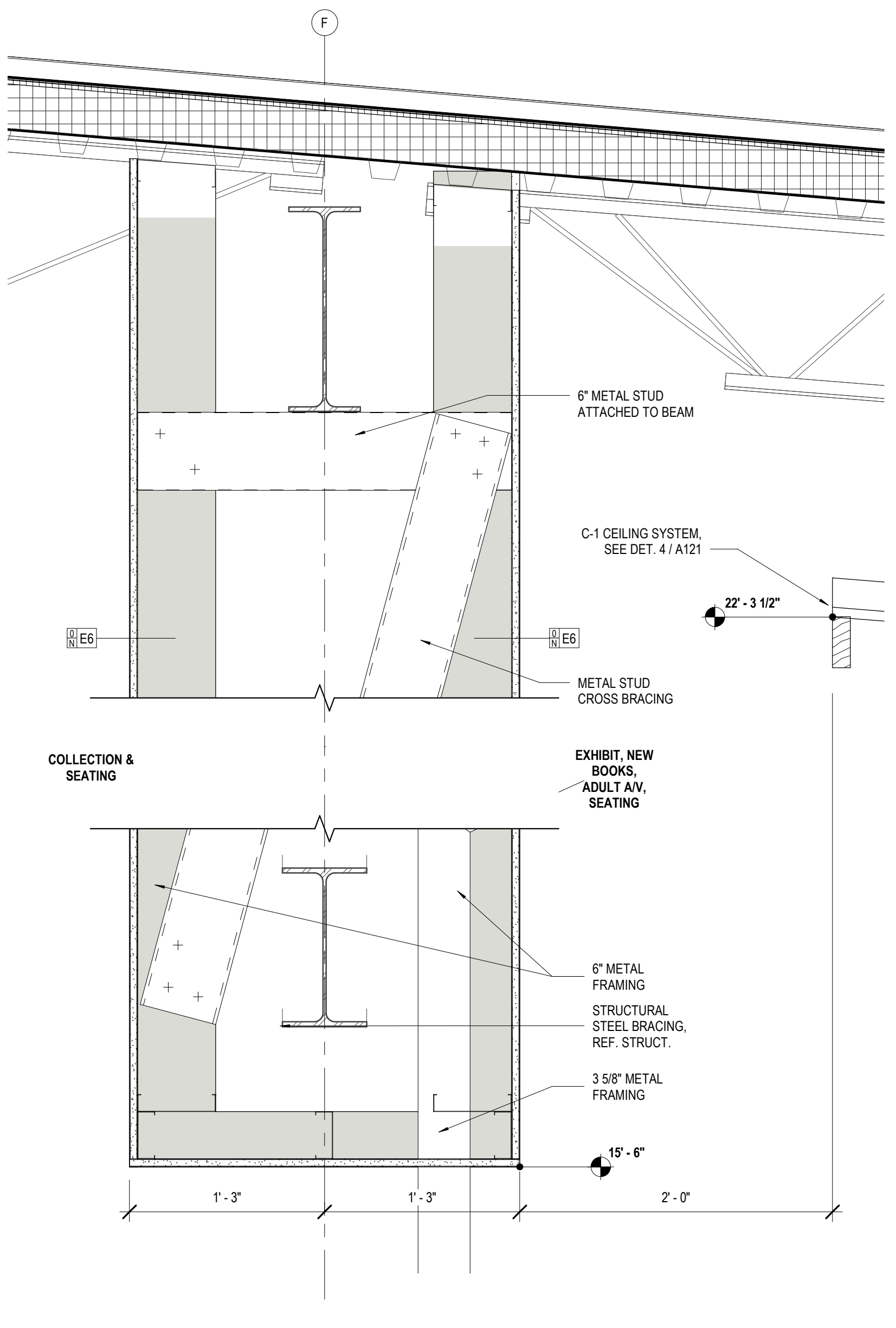
8 CEILING DETAIL @ ACT CEILING
A121 6" = 1'-0"



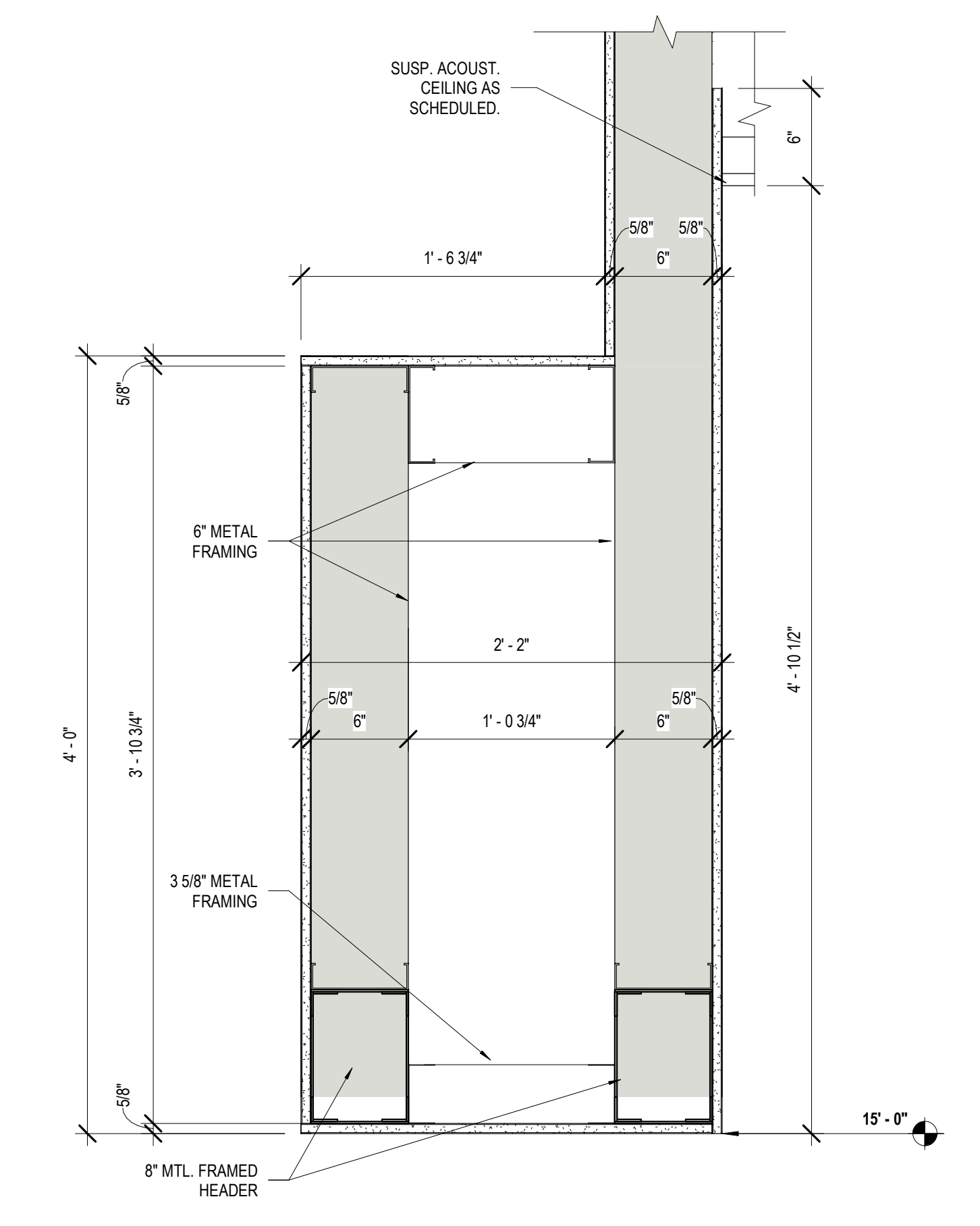
5 CLG DTL - QUIET READING ROOM
A121 1" = 1'-0"



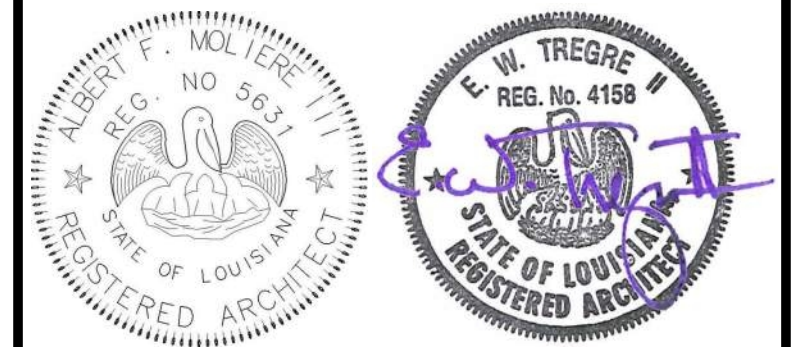
2 CLG DTL - CHECK OUT
A121 1 1/2" = 1'-0"



3 CLG DTL - 2
A121 1 1/2" = 1'-0"



4 TEEN AREA SECTION DETAIL
A121



| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |

KEY PLAN

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PROJECT TITLE

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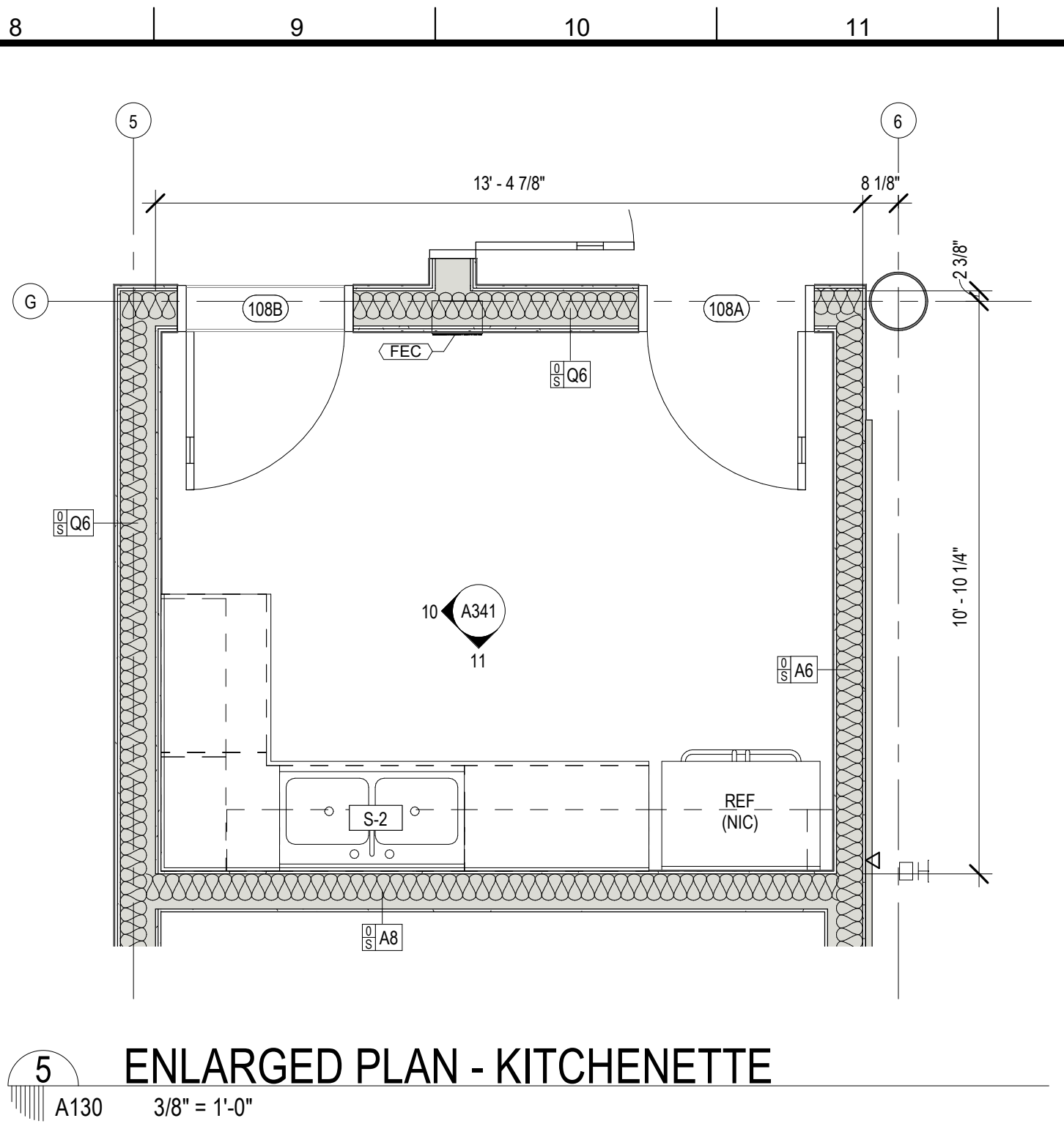
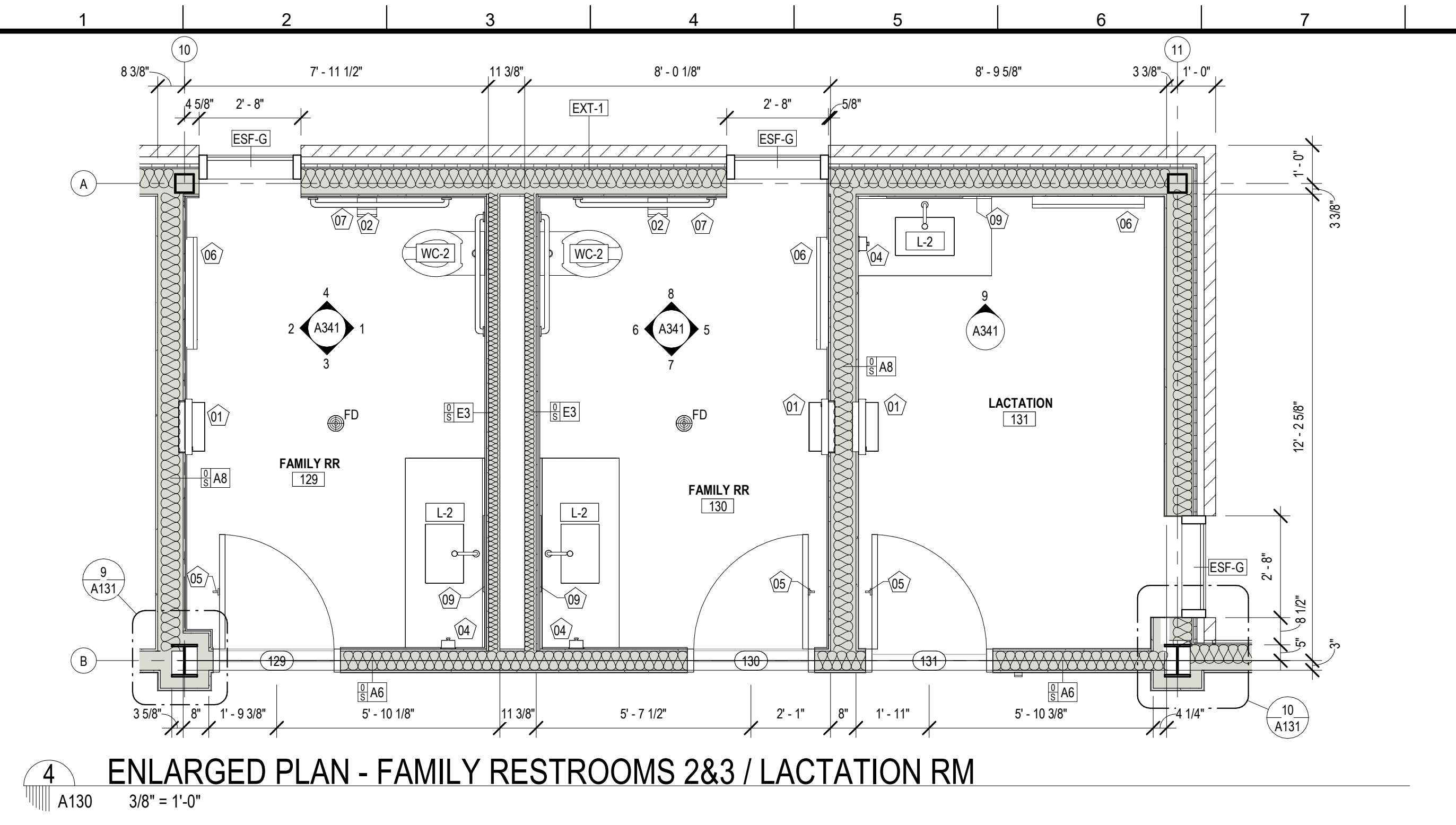
PERMIT DOCUMENTS

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| DESIGNED BY | MBA/ABM | CHECKED BY | PP |
| DRAWN BY | CF/F/RZ | DATE | 05.05.2023 |

SHEET TITLE

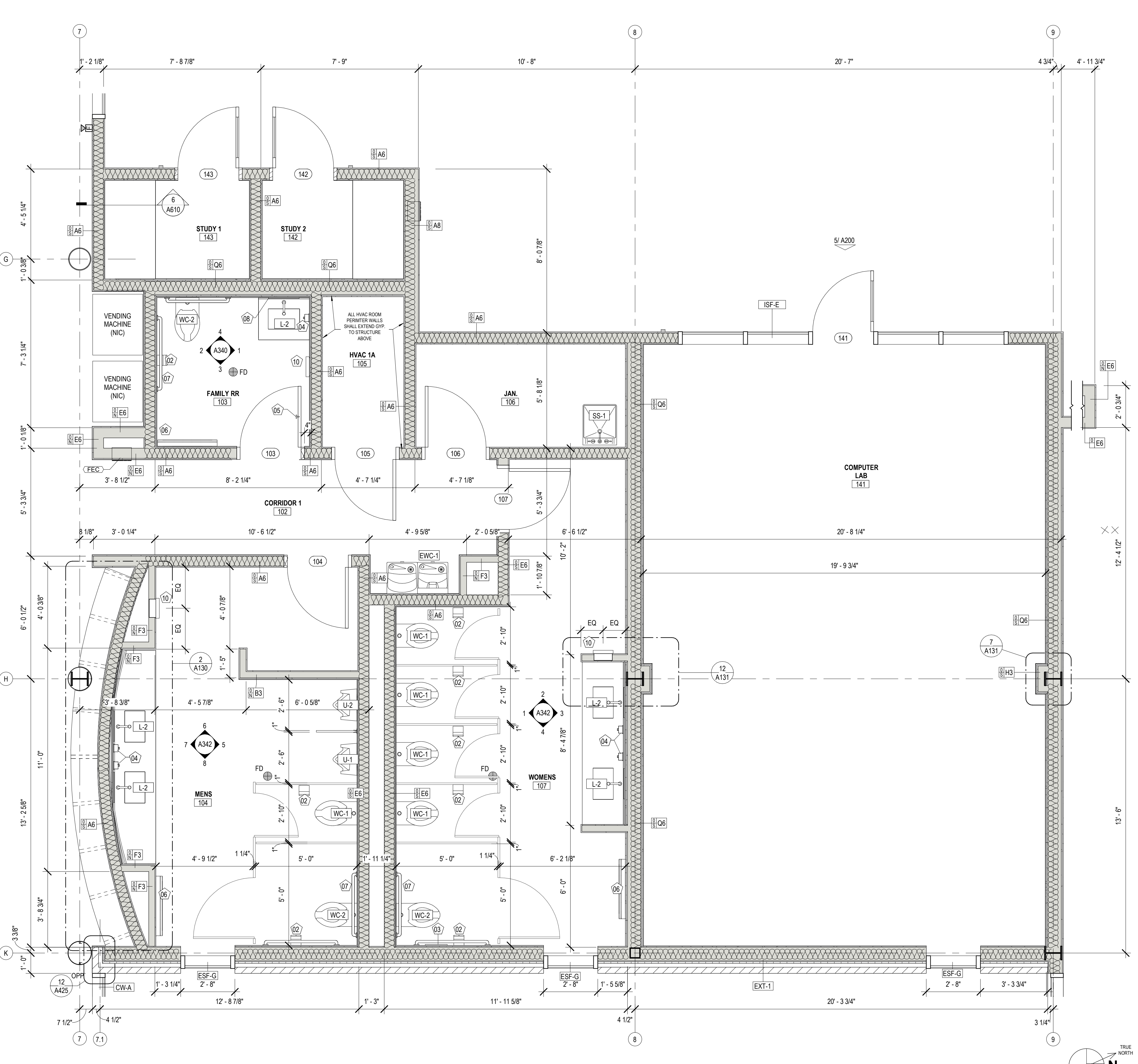
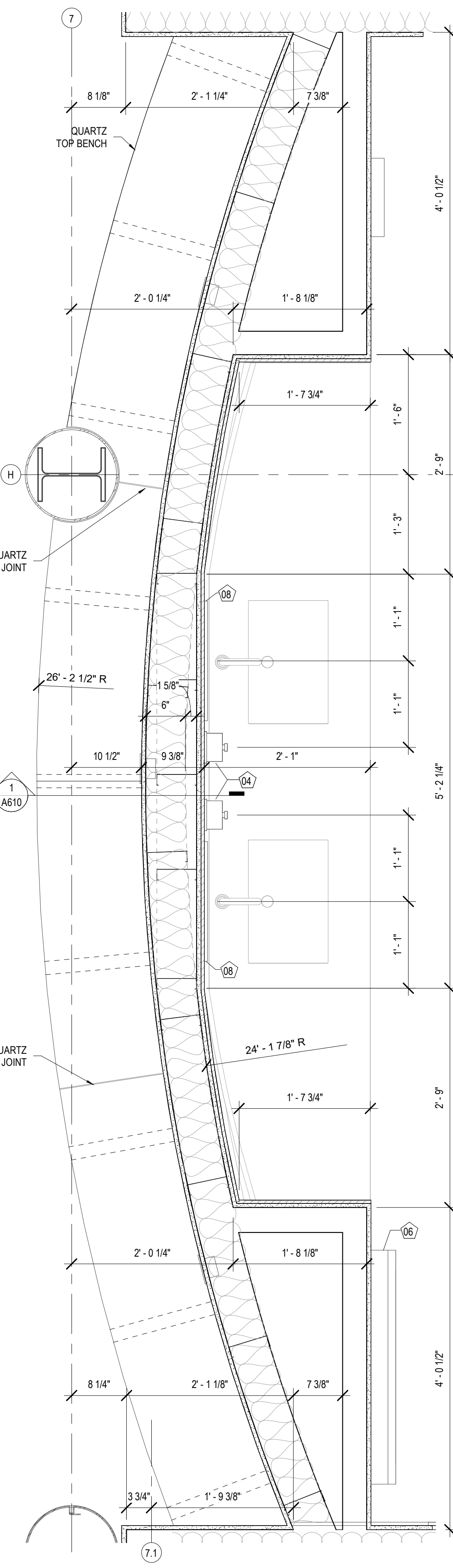
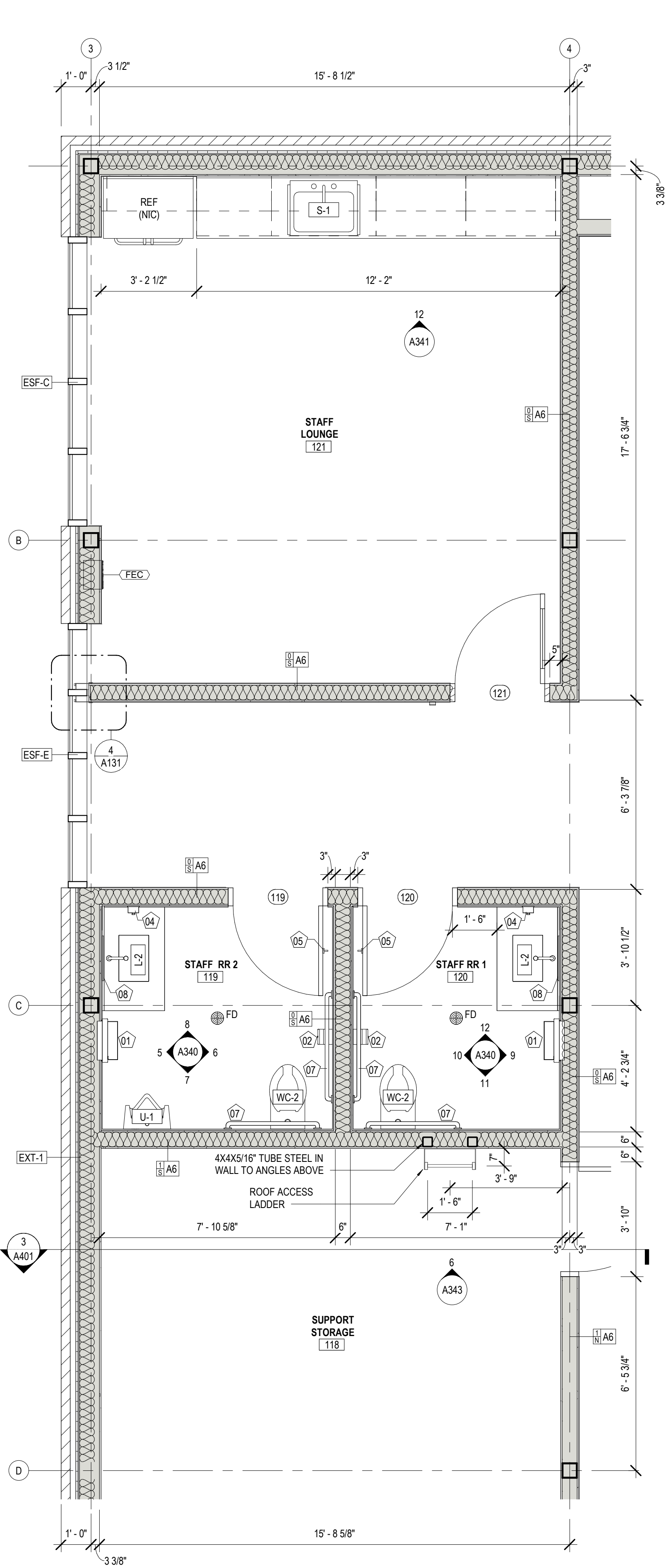
CEILING DETAILS

| | | | |
|-------------|--------------|-----------|------|
| PROJECT NO. | MBA - 11884 | SHEET NO. | A121 |
| | ABM - 201813 | | |



| MARK | ITEM | DESCRIPTION | MANUFACTURER | MODEL # | COMMENTS |
|-------|------------------------|---------------------------------------|---------------------|------------------|------------------------------|
| EWC-1 | DRINKING FOUNTAIN | WALL HUNG HILO WATER COOLER | HALSEY TAYLOR | HTHB-HAC2BLSS-WF | |
| L-2 | LAVATORY | UNDERCOUNTER MOUNT SINK | KOHLER CO. | 2214 | UNDERMOUNT |
| S-1 | KITCHEN SINK | SINGLE KITCHEN SINK | ELKAY MANUFACTURING | DSESR12721 | DROP-IN |
| S-2 | KITCHEN SINK | 2 COMPARTMENT KITCHEN SINK | ELKAY MANUFACTURING | LRAD-3321 | DROP-IN |
| SS-1 | SERVICE SINK | MOLDED STONE MOP SERVICE BASIN | AMERICAN STANDARD | 7692 | |
| U-1 | WALL HUNG URINAL | WALL HUNG URINAL | KOHLER CO. | K-4491-ET | 17" MAX AFF TO RIM |
| U-2 | WALL HUNG URINAL | ACCESSIBLE WALL HUNG URINAL | KOHLER CO. | K-4491-ET | 17" MAX AFF TO RIM |
| WC-1 | WALL HUNG WATER CLOSET | ELONGATED WALL HUNG TOILET | KOHLER CO. | K-4325 | |
| WC-2 | WALL HUNG WATER CLOSET | ACCESSIBLE ELONGATED WALL HUNG TOILET | KOHLER CO. | K-4325 | 17" - 19" AFF TO TOP OF SEAT |

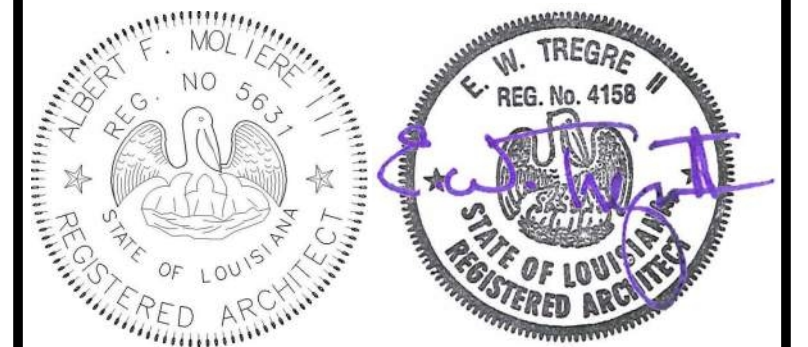
| MARK | DESCRIPTION | MANUFACTURER | MODEL # | Type | Comments |
|------|--|----------------------------------|-------------|------------------|----------|
| 01 | PAPER TOWEL DISPENSER / WASTE RECEPTACLE | BOBRICK WASHROOM EQUIPMENT, INC. | B-3942 | Toilet Accessory | |
| 02 | TOILET TISSUE DISPENSER | BOBRICK WASHROOM EQUIPMENT, INC. | B-2888 | Toilet Accessory | |
| 03 | SANITARY NAPKIN DISPOSAL | BOBRICK WASHROOM EQUIPMENT, INC. | B-35139 | Toilet Accessory | |
| 04 | SOAP DISPENSER | BOBRICK WASHROOM EQUIPMENT, INC. | B-2111 | Toilet Accessory | |
| 05 | COAT HOOK | BOBRICK WASHROOM EQUIPMENT, INC. | B-670 | Toilet Accessory | |
| 06 | BABY CHANGING STATION | BOBRICK WASHROOM EQUIPMENT, INC. | K8200-6SSS | Toilet Accessory | |
| 07 | 36" & 42" GRAB BAR | BOBRICK WASHROOM EQUIPMENT, INC. | B-680 | Toilet Accessory | |
| 08 | GLASS MIRROR W/ SS FRAME - 18" W x 30" H | BOBRICK WASHROOM EQUIPMENT, INC. | B-290 1830 | Toilet Accessory | |
| 09 | GLASS MIRROR W/ SS FRAME - 24" W x 30" H | BOBRICK WASHROOM EQUIPMENT, INC. | B-165 2430 | Toilet Accessory | |
| 10 | ELECTRICAL HAND DRYER | BOBRICK WASHROOM EQUIPMENT, INC. | B-3725 115V | Toilet Accessory | |



1 ENLARGED PLAN - STAFF RESTROOM 1 & 2
A130 3/8" = 1'-0"

2 ENL. PLAN - MENS RESTROOM
A130 1" = 1'-0"

3 ENLARGED PLAN - PARTIAL FLOOR PLAN
A130 3/8" = 1'-0"



| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |

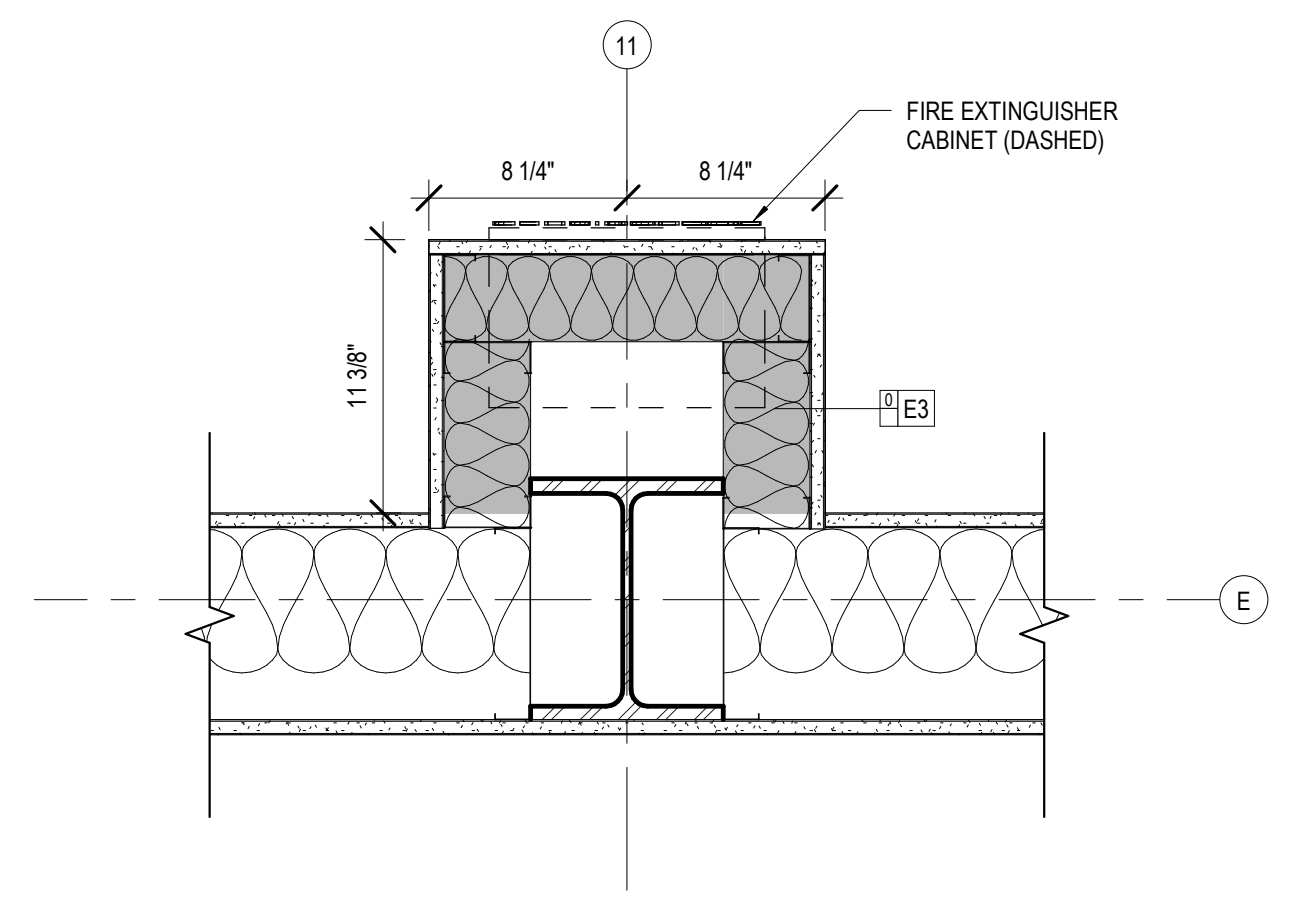
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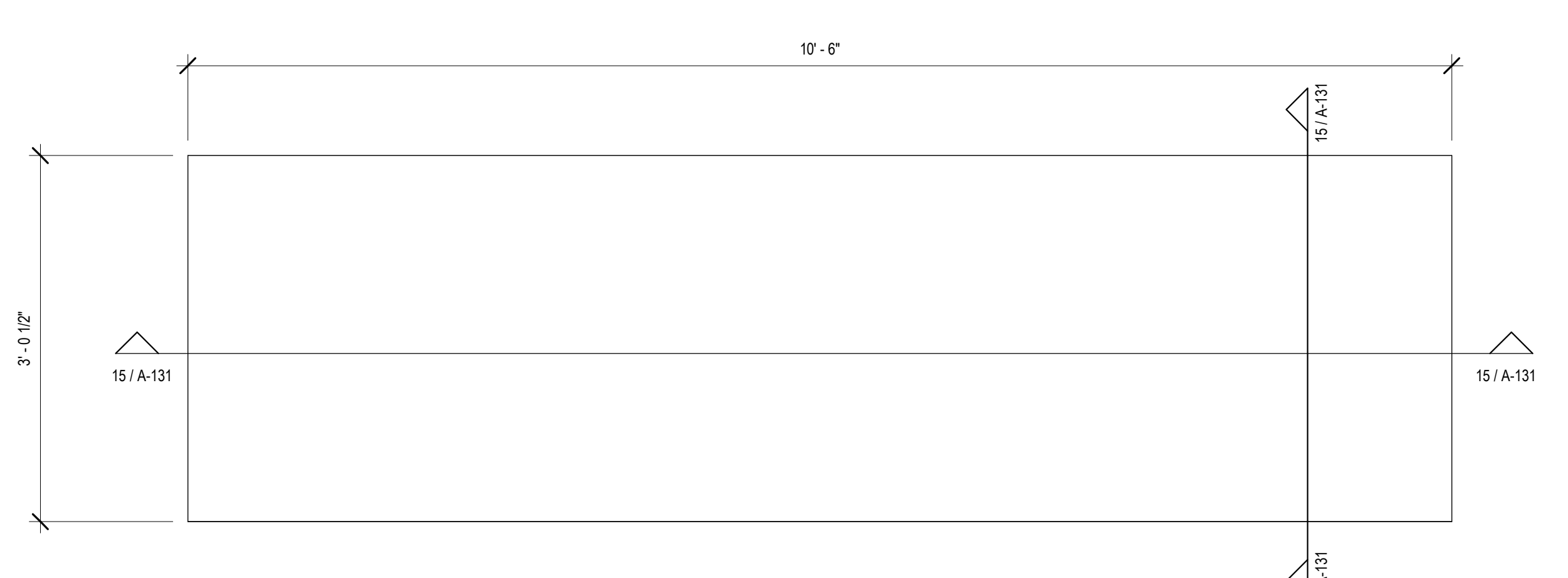
PROJECT TITLE
ST. BERNARD PARISH PUBLIC LIBRARY
ST. BERNARD PARISH

PERMIT DOCUMENTS

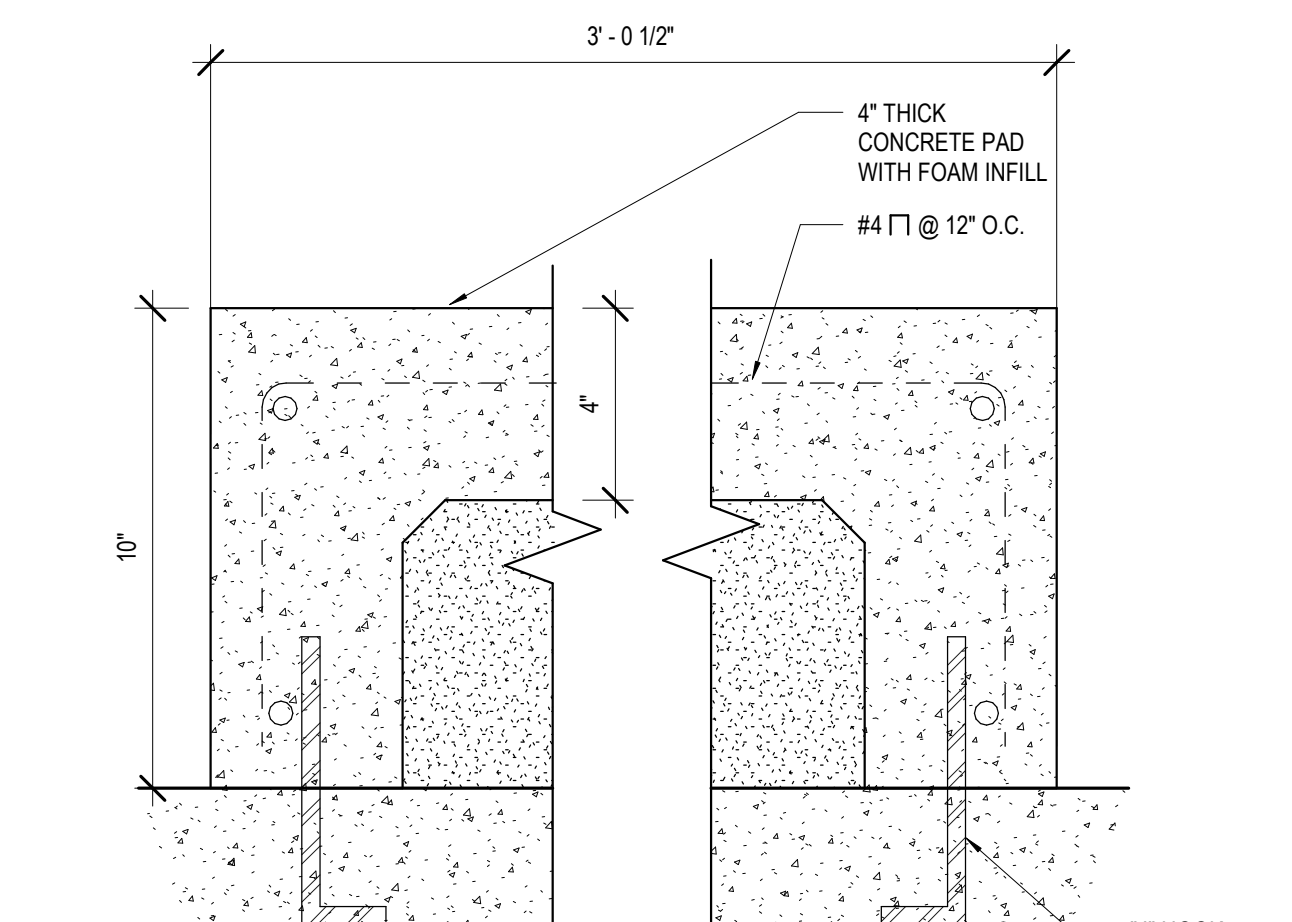
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| DESIGNED BY | MBA/ABM | CHECKED BY | PP |
| DRAWN BY | CF/RZ | DATE | 05.05.2023 |
| SHEET TITLE | ENLARGED PLANS / DETAILS | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | A130 |
| | ABM - 201813 | | |



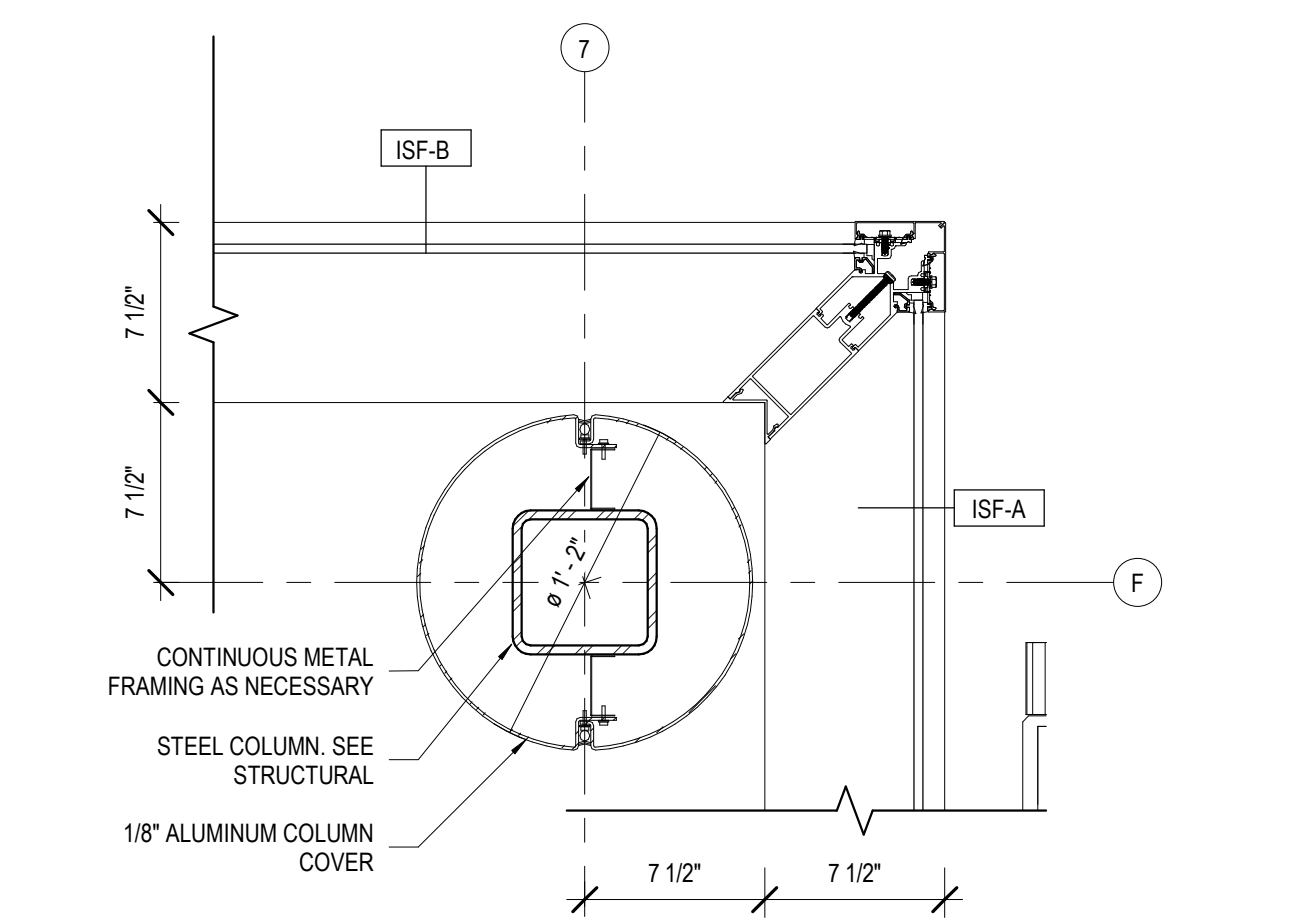
13 PLAN DETAIL - COLUMN 11/E
A131



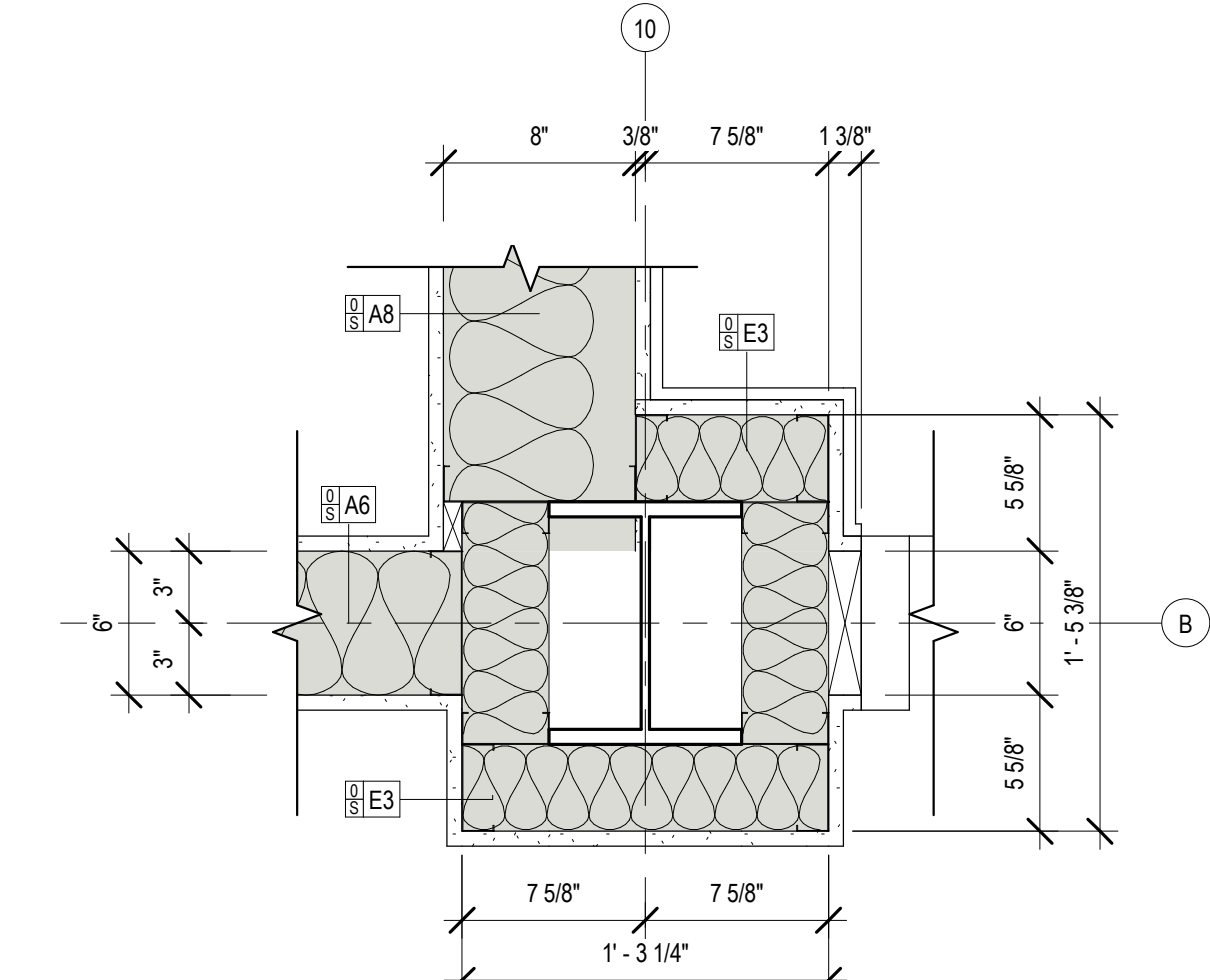
14 DATA ROOM RACK PLATFORM PLAN
A131



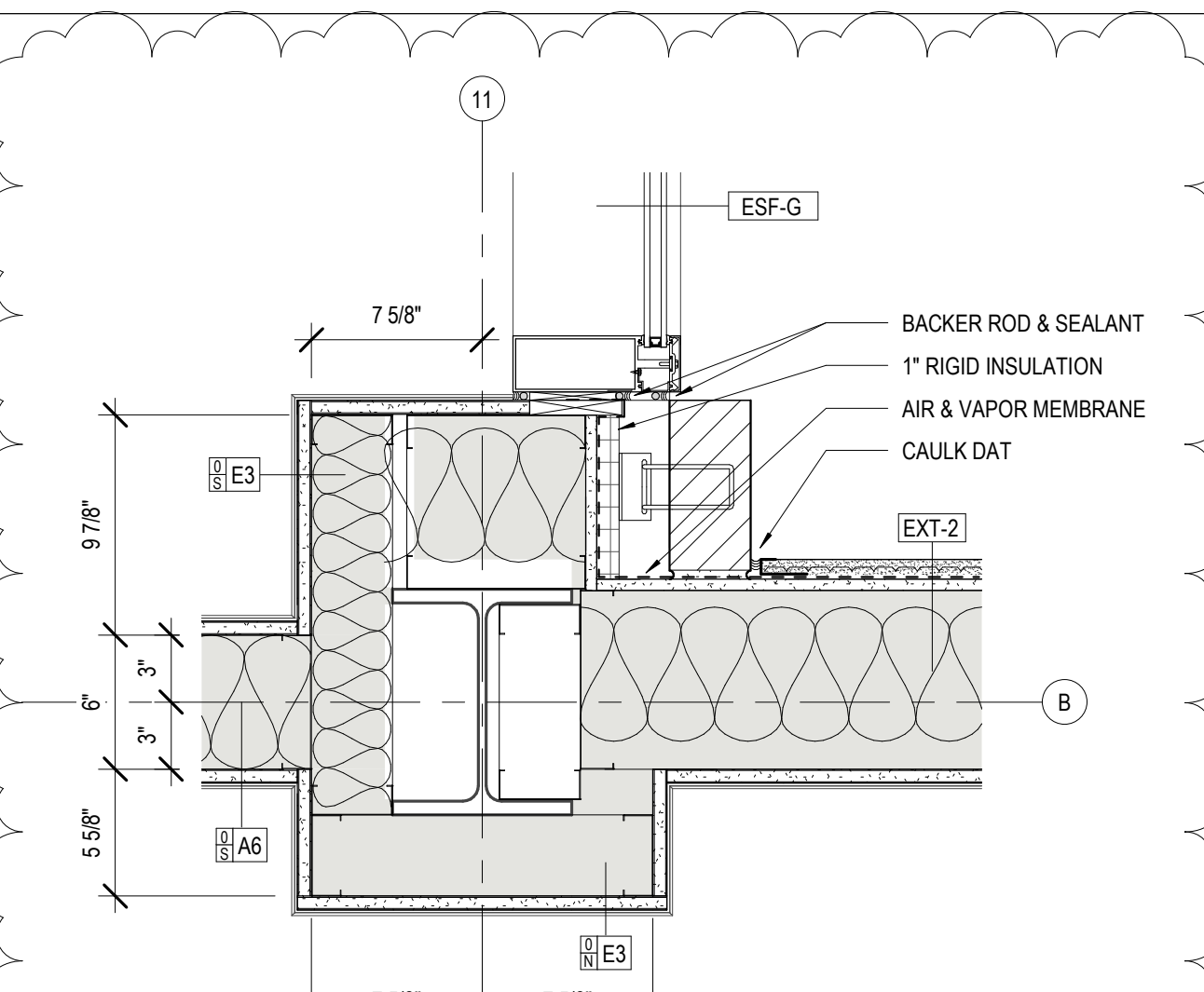
15 PLATFORM SECTION
A131



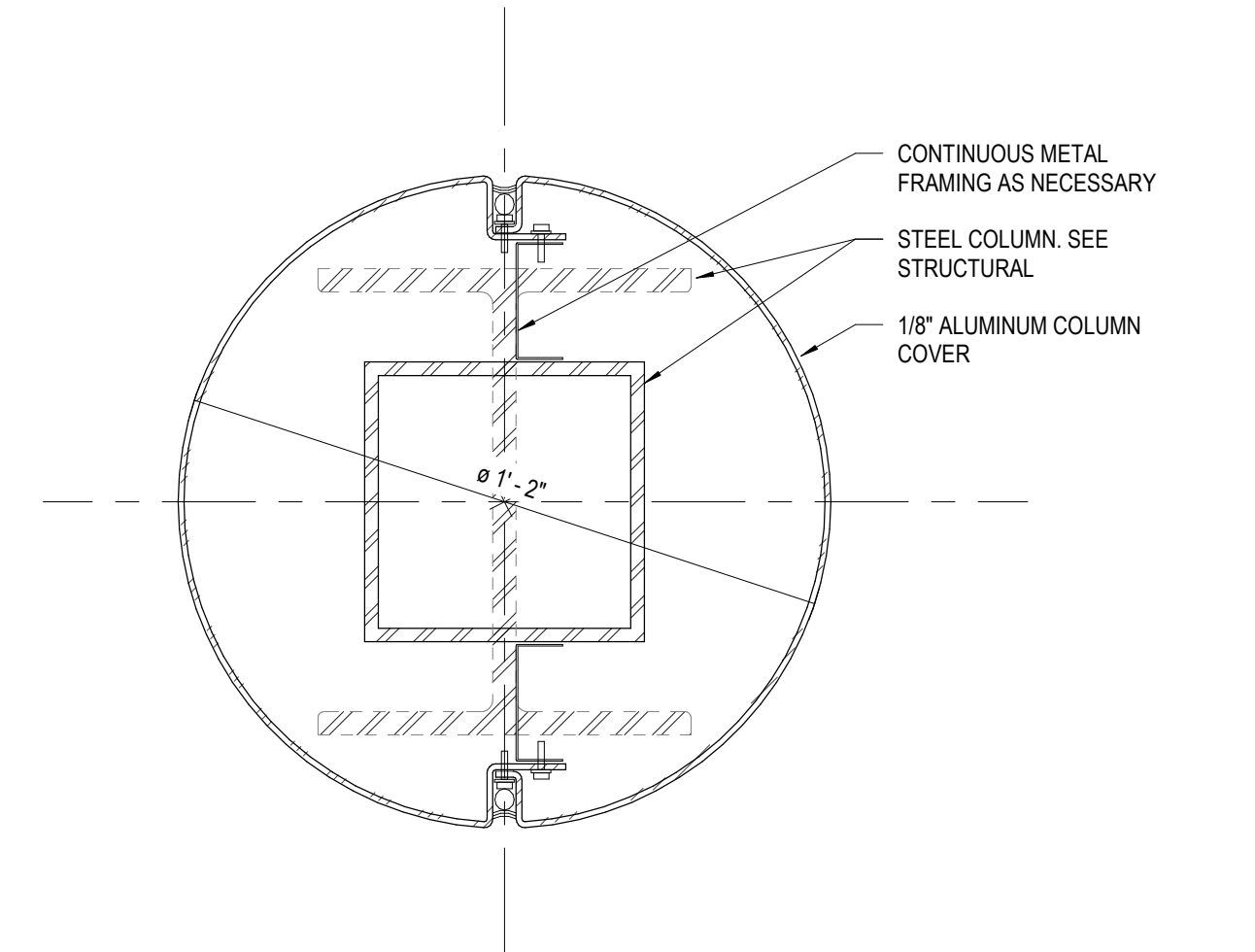
8 LOBBY COLUMN @ STOREFRONT
A131



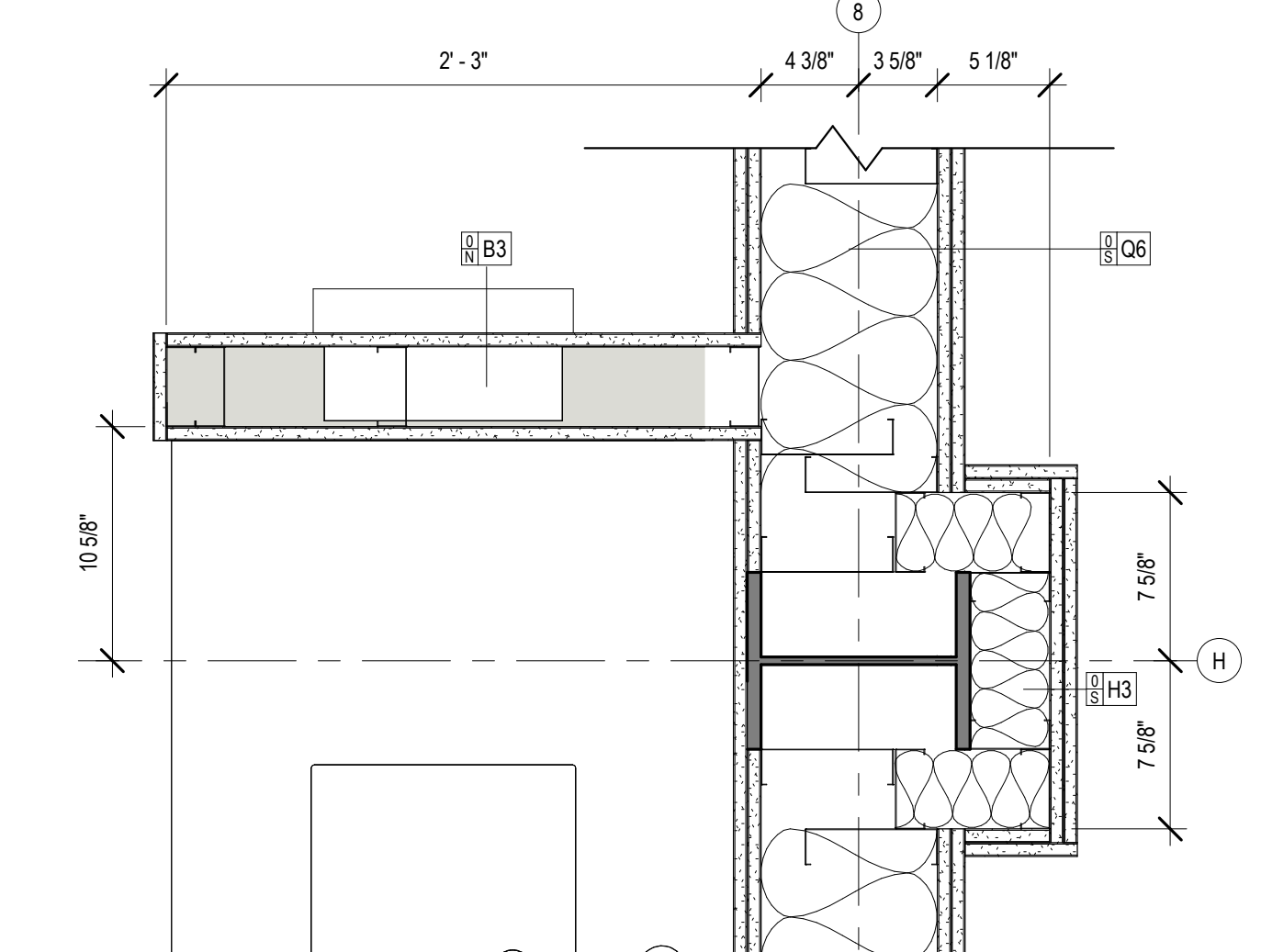
9 PLAN DETAIL - COLUMN 10/B
A131 1 1/2\"/>



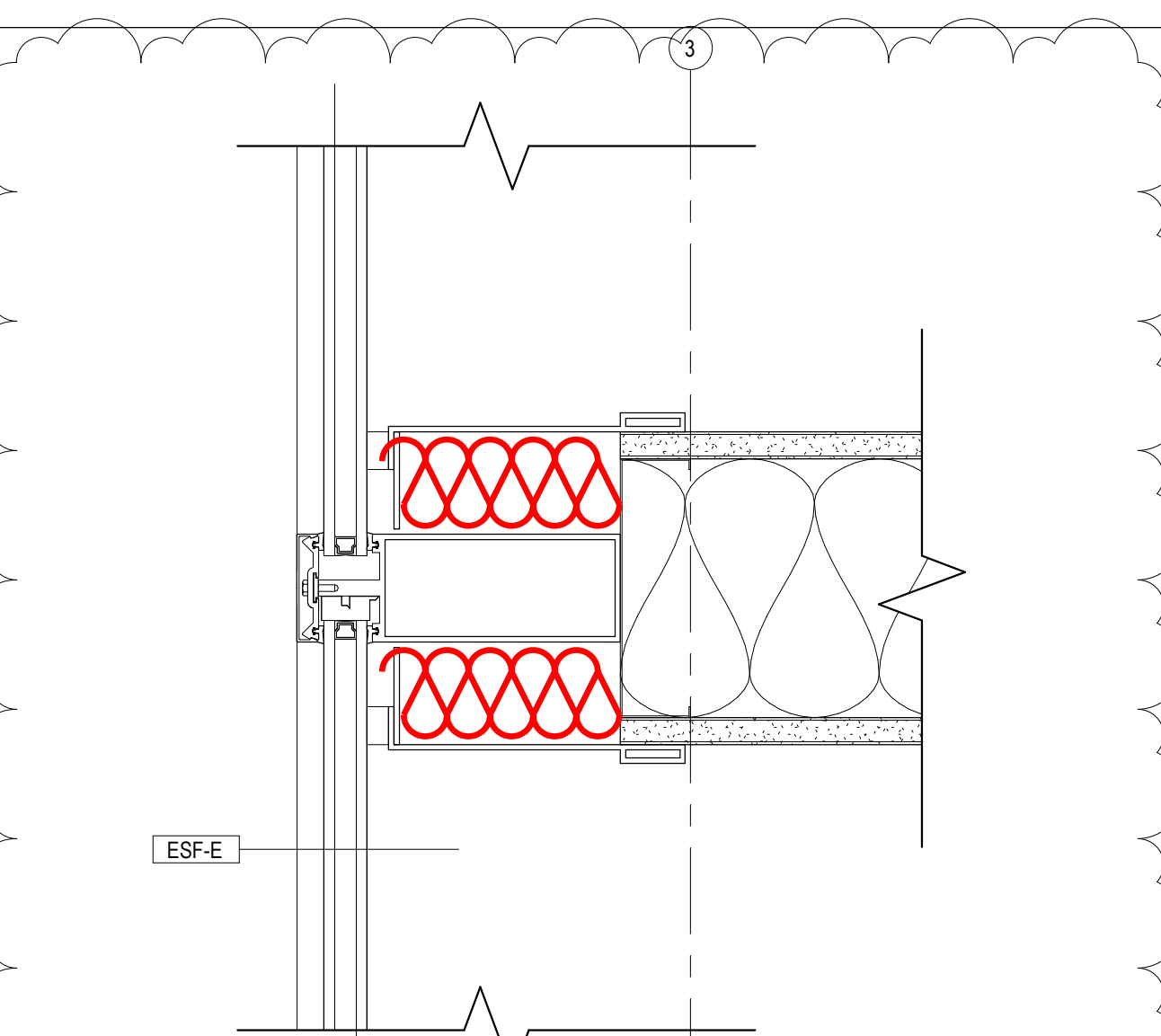
10 PLAN DETAIL - COLUMN 11/B
A131 1 1/2\"/>



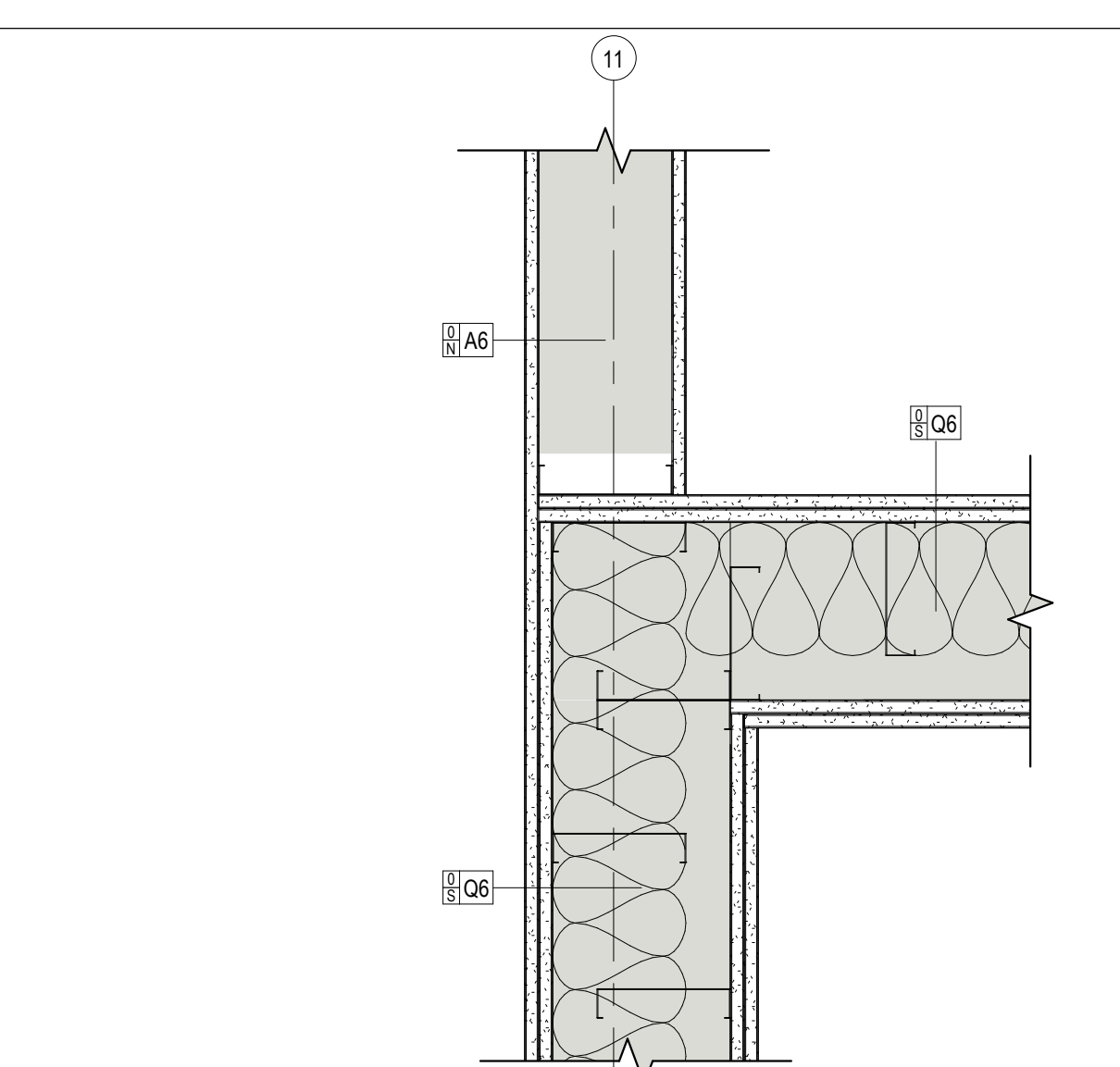
11 DETAIL - TYP. COLUMN WRAP
A131 3\"/>



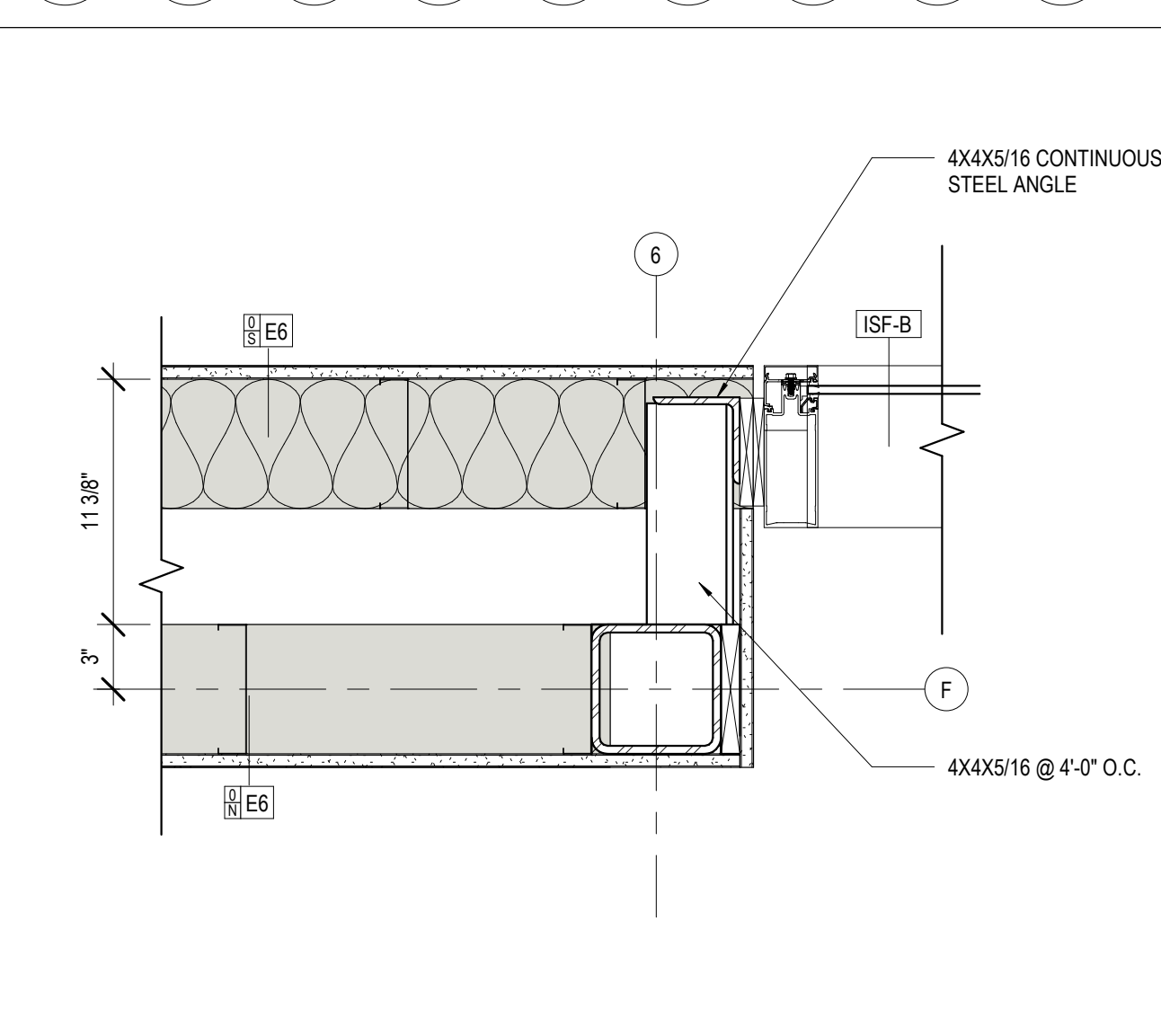
12 PLAN DETAIL - COLUMN 8/H
A131 1 1/2\"/>



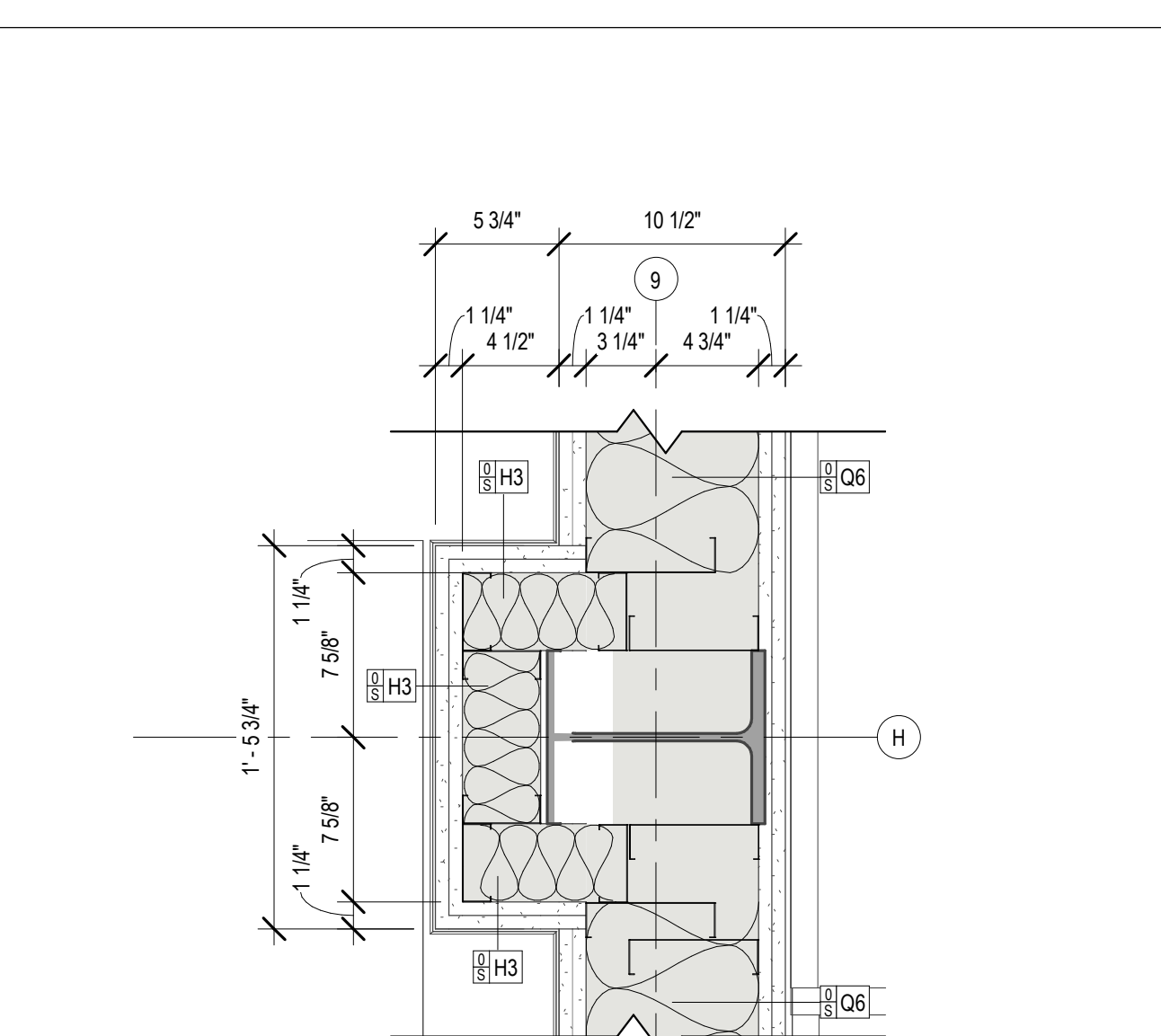
4 WALL CLOSURE @ CURTAIN WALL
A131 3\"/>



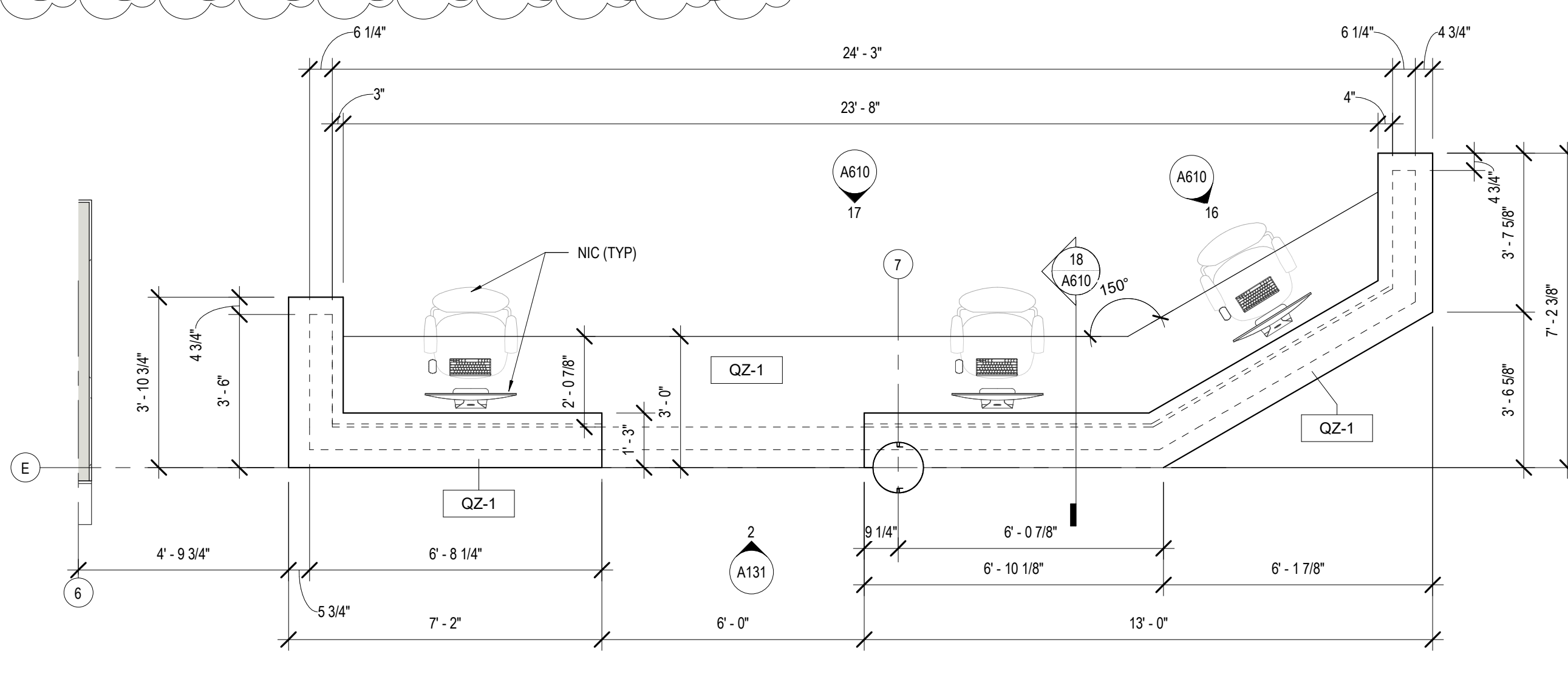
5 ACOUSTIC WALL TRANSITION
A131 1 1/2\"/>



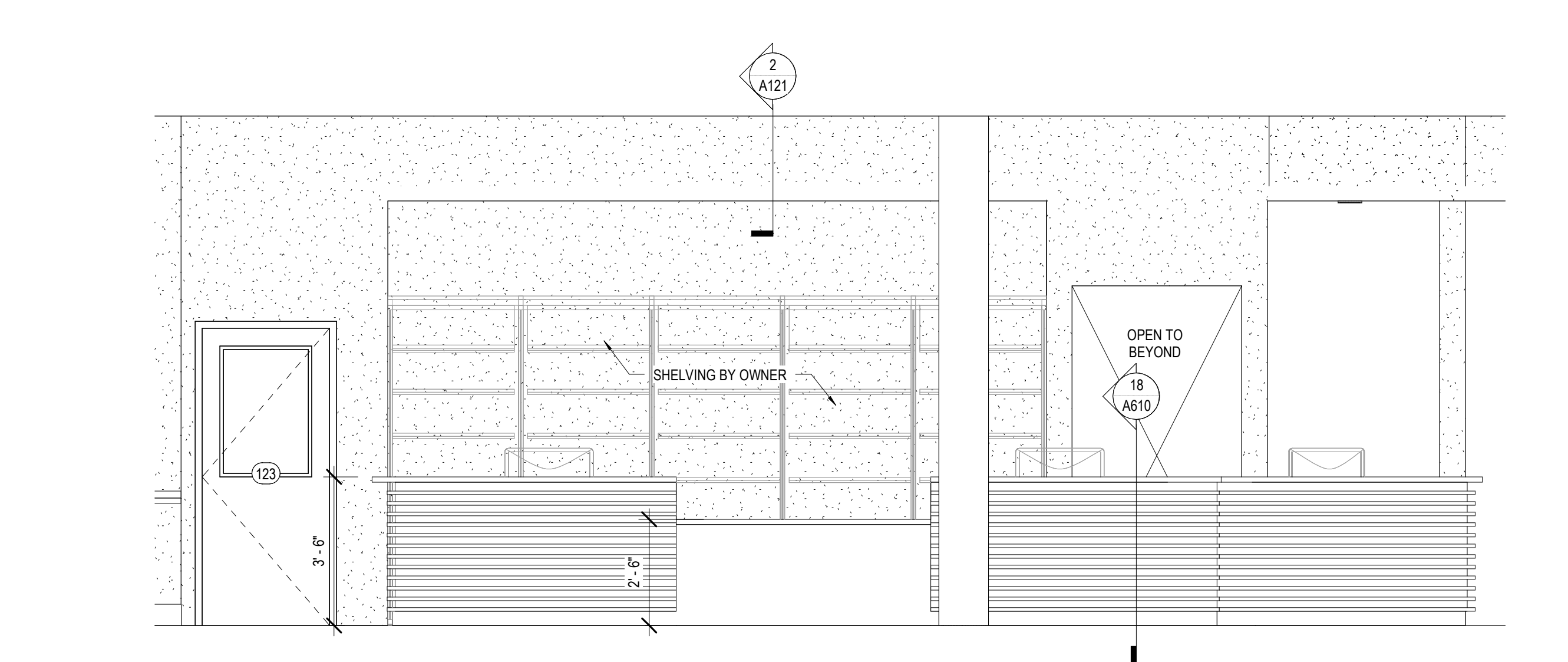
6 LOBBY COLUMN @ STOREFRONT
A131 1 1/2\"/>



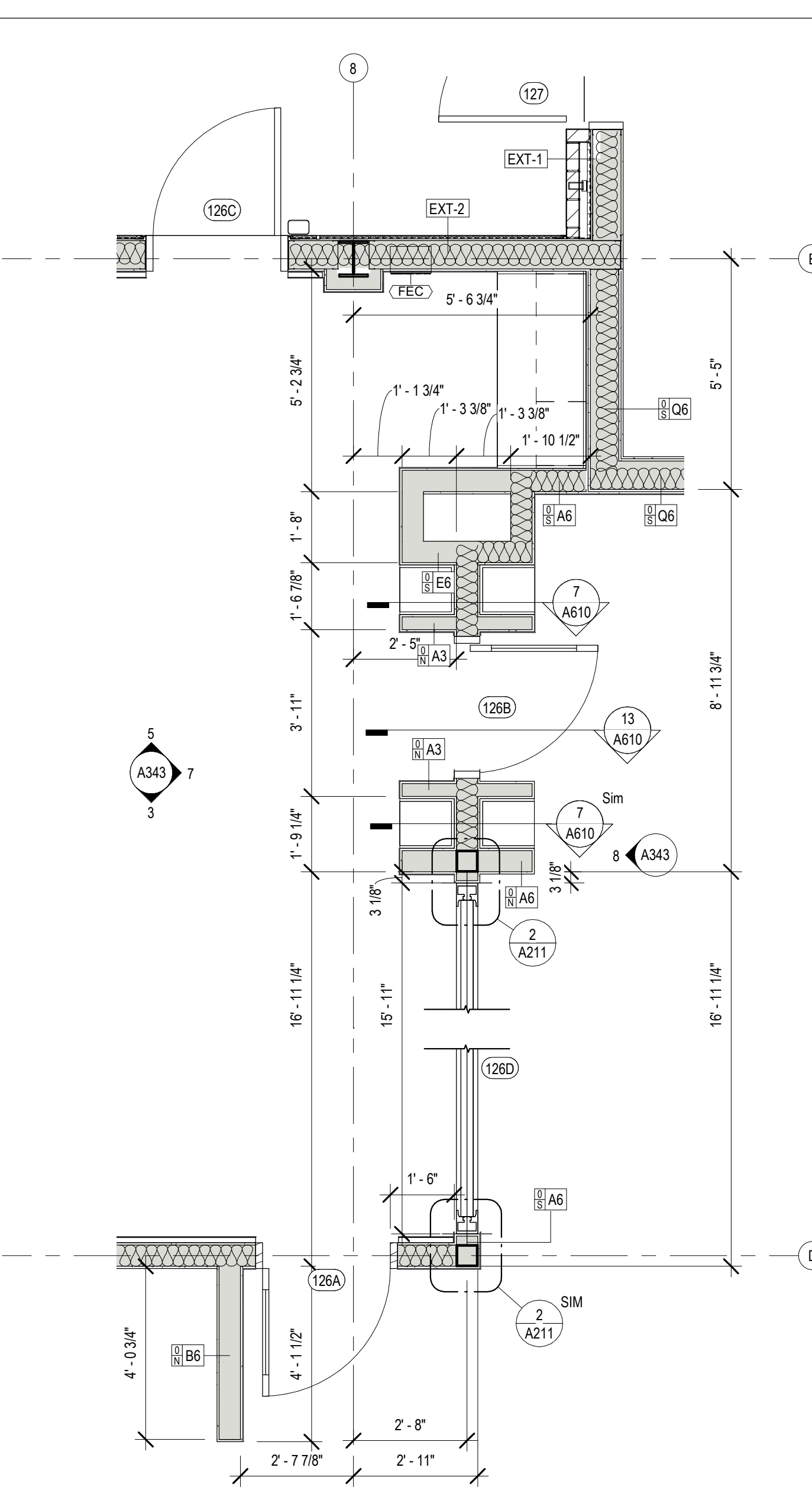
7 PLAN DETAIL - COLUMN 9/H
A131 1 1/2\"/>



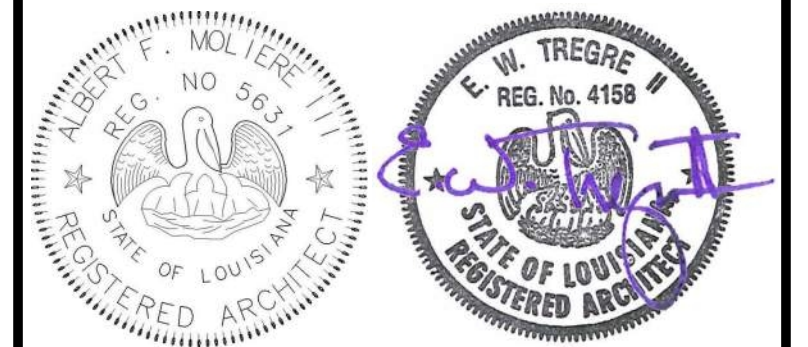
1 ENLARGED PLAN - CHECKOUT DESK
A131 3/8\"/>



2 CHECK OUT ELEV
A131 3/8\"/>



3 ENLARGED PLAN - CHILDREN'S ENTRANCE
A131 3/8\"/>



| No. | Description | Date |
|-----|-------------|----------|
| 1 | Addendum 1 | 05/25/23 |

KEY PLAN

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PROJECT TITLE

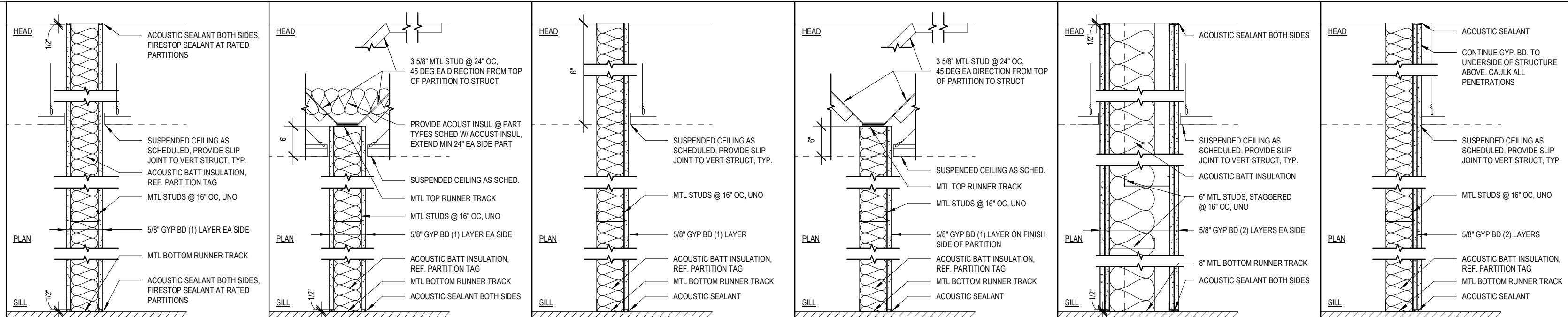
ST. BERNARD PARISH PUBLIC LIBRARY

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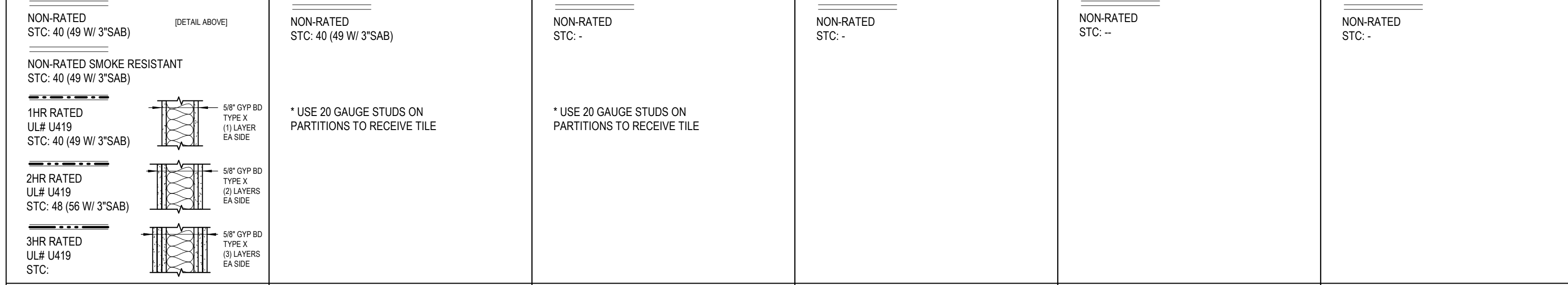
PERMIT DOCUMENTS

| | | | |
|---|-------------|------------|------------|
| DESIGNED BY | MBA/ABM | CHECKED BY | PP |
| DRAWN BY | CF/RZ | DATE | 05.05.2023 |
| SHEET TITLE ENLARGED PLANS / DETAILS | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | A131 |
| ABM - 201813 | | | |

PARTITION TYPES

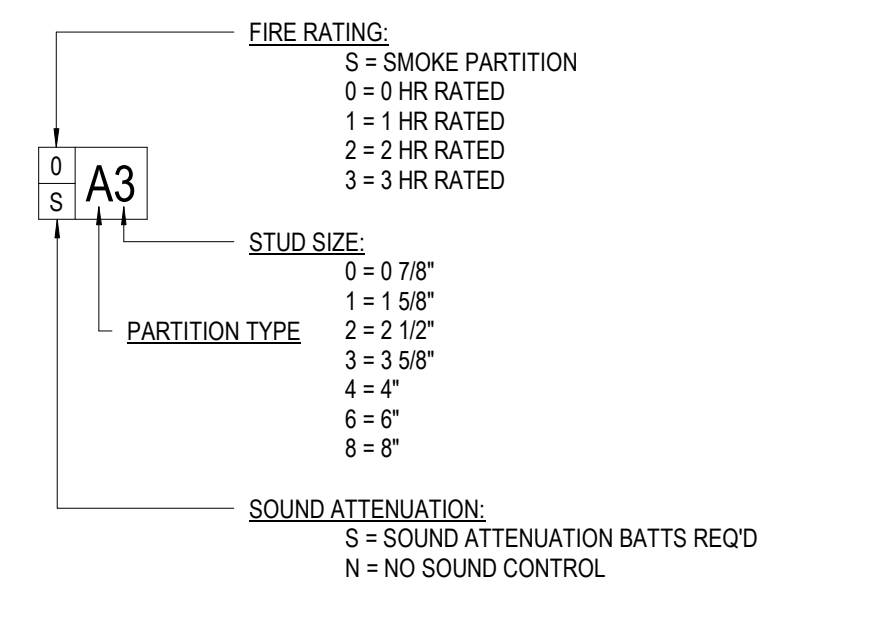


FULL HEIGHT PARTITION 6\"/>



| A | | | B | | | E | | | F | | | Q | | | H | | |
|------|-----------|------------------------|------|-----------|-------------|------|-----------|-------------|------|-----------|-------------|------|-----------|-------------|------|-----------|-------------|
| TYPE | STUD SIZE | TOTAL WIDTH | TYPE | STUD SIZE | TOTAL WIDTH | TYPE | STUD SIZE | TOTAL WIDTH | TYPE | STUD SIZE | TOTAL WIDTH | TYPE | STUD SIZE | TOTAL WIDTH | TYPE | STUD SIZE | TOTAL WIDTH |
| A2 | 2 1/2" | 3 3/4" 5" 6 1/4" | B2 | 2 1/2" | 3 3/4" | E1 | 1 5/8" | 2 1/4" | F1 | 1 5/8" | 2 1/4" | Q6 | 6" | 10 1/2" | H1 | 1 5/8" | 2 7/8" |
| A3 | 3 5/8" | 4 7/8" 6 1/8" 7 3/8" | B3 | 3 5/8" | 4 7/8" | E2 | 2 1/2" | 3 1/8" | F2 | 2 1/2" | 3 1/8" | | | | H2 | 2 1/2" | 3 3/4" |
| A4 | 4" | 5 1/4" 6 1/2" 7 3/4" | B4 | 4" | 5 1/4" | E3 | 3 5/8" | 4 1/4" | F3 | 3 5/8" | 4 1/4" | | | | H3 | 3 5/8" | 4 7/8" |
| A6 | 6" | 7 1/4" 8 1/2" 9 3/4" | B6 | 6" | 7 1/4" | E4 | 4" | 4 5/8" | F4 | 4" | 4 5/8" | | | | H4 | 4" | 5 1/4" |
| A8 | 8" | 9 1/4" 10 1/2" 11 3/4" | B8 | 8" | 9 1/4" | E6 | 6" | 6 5/8" | F6 | 6" | 6 5/8" | | | | H6 | 6" | 7 1/4" |

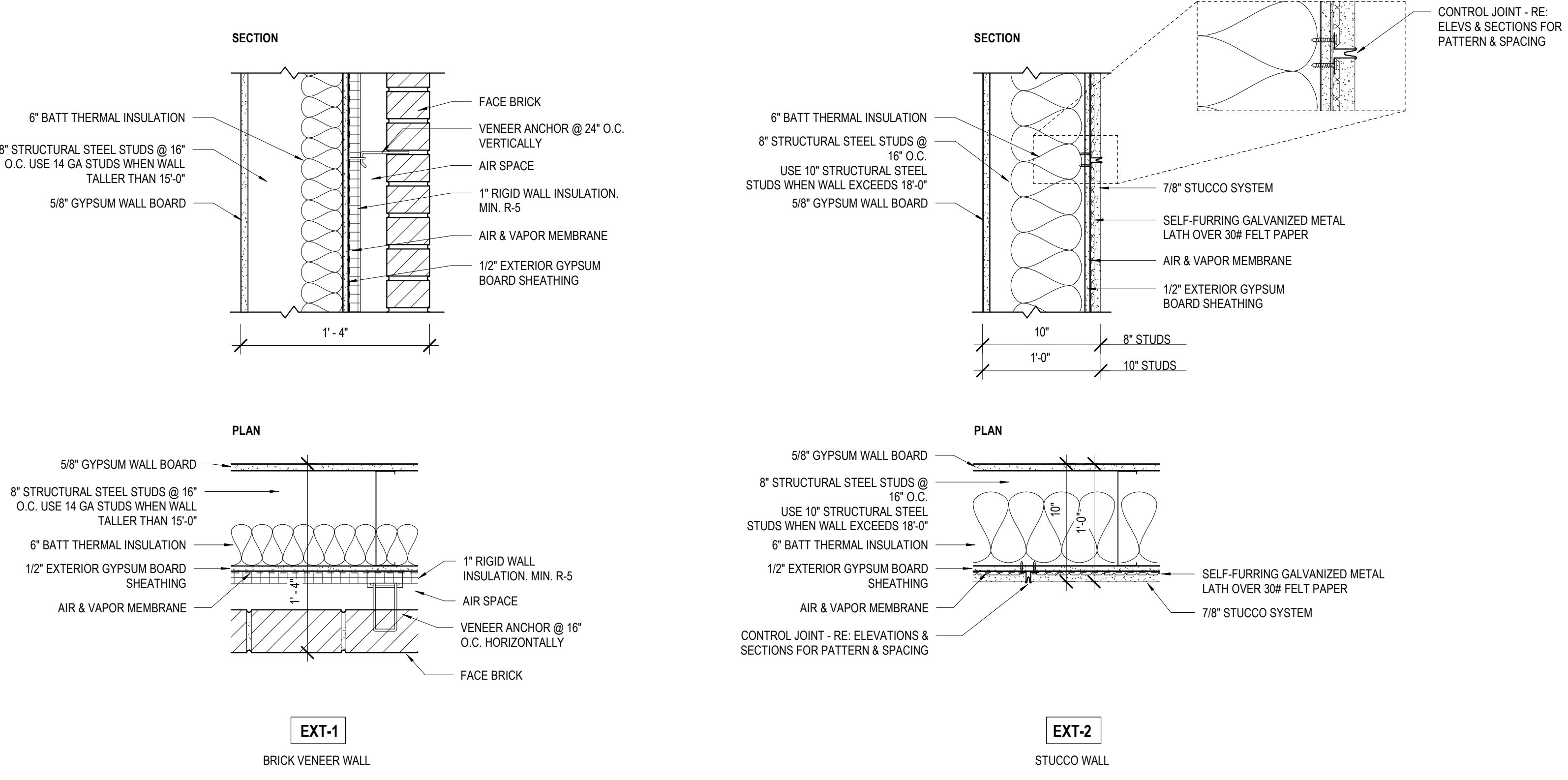
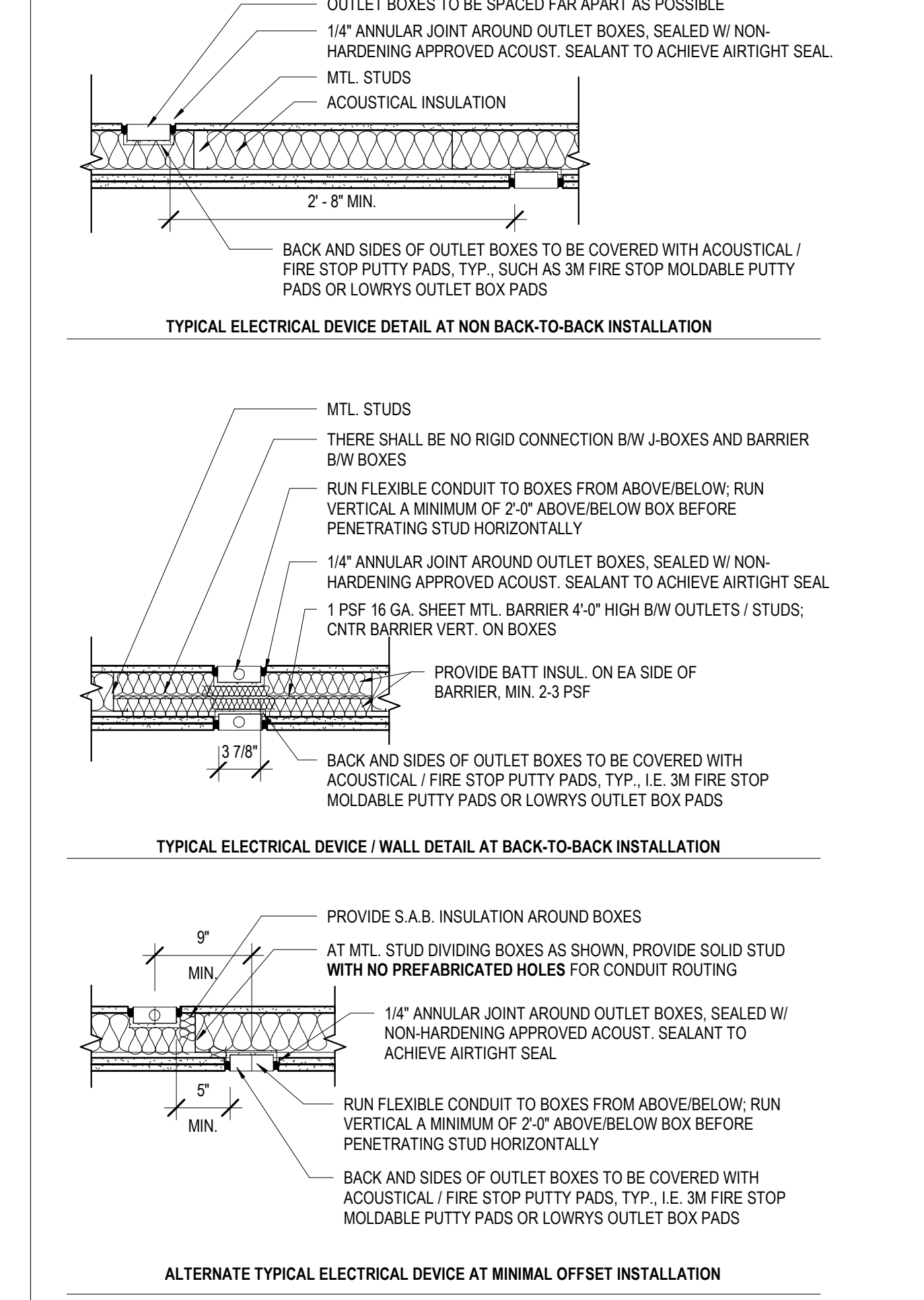
PARTITION TAG LEGEND



PARTITION NOTES

- LINE OF "STRUCTURE" AS SHOWN AT PARTITION TYPE HEAD CONDITIONS IS DIAGRAMMATIC ONLY AND DOES NOT INDICATE EXACT CONSTRUCTION CONDITIONS. OFFSET PARTITION CONSTRUCTION AS NECESSARY TO EXTEND WALL TO DECK ABOVE & SEAL AS SHOWN.
- PROVIDE DEFLECTION TRACKS OR CLIPS FOR ALL PARTITIONS ABUTTING STRUCTURE ABOVE.
- EXTEND RATED PARTITIONS THROUGH THE INTERIOR FACE OF EXTERIOR WALL GYPSUM BOARD & SEAL TO THE INSIDE FACE OF THE EXTERIOR BUILDING WALL SHEATHING. REFER PARTITION INTERSECTION DRAWINGS.
- INTERIOR METAL STUD PARTITIONS ARE DIMENSIONED FROM FACE OF STUD.
- ROOMS W/ PARTITIONS TO RECEIVE SOUND ATTENUATION BLANKETS (SAB) ARE IDENTIFIED ON PLAN W/ AN "S" TO THE LEFT OF THE PARTITION TYPE. EXTEND SAB THE FULL LENGTH & HEIGHT OF ALL ROOM PERIMETER PARTITIONS TO PROVIDE A COMPLETE ROOM ENCLOSURE. NOTE THAT "SUB-ROOMS" MAY BE INCLUDED W/IN THE OVERALL PERIMETER SAB ENCLOSURE. U.N.O. PROVIDE 3" BATTS W/ MIN. 2.5 #/CF DENSITY. REFER TO SPECIFICATIONS FOR ACCEPTABLE SOUND ATTENUATION BATTS PRODUCTS.
- MAINTAIN THE FIRE-PROTECTION RATINGS FOR ALL OPENINGS IN RATED PARTITIONS.
- IDENTIFY ALL RATED PARTITIONS WITH LABELS LOCATED 6" ABOVE THE CEILING AT MAX. 10'-0" O.C. WITH 1 1/2" HIGH LETTERS. CLEARLY LEGIBLE & BRIGHTLY INDICATED AGAINST A CONTRASTING BACKGROUND.
- CONSTRUCT ALL CORRIDOR WALLS TO RESIST THE PASSAGE OF SMOKE. I.E., TO BE SMOKE TIGHT.
- WHERE THICKNESS VARIES BETWEEN TWO PARTITIONS IN AN UNINTERRUPTED CONTINUOUS WALL PLANE - OFFSET STUDS AND ALIGN FACE OF PARTITIONS.
- PROVIDE 20 GAUGE DOUBLE STUDS @ EACH DOOR & WINDOW JAMB.
- METAL STUD FRAMING - MIN. 22 GAUGE @ 16" O.C. U.N.O.
- BLOCKING: PROVIDE 16 GAGE SHEET METAL STRAP BLOCKING FOR ALL WALL MOUNTED ITEMS, U.N.O.
- PARTITIONS SHALL HAVE SEALANT AT THE HEAD, SILL, THROUGH PENETRATIONS, OPENINGS, AND JUNCTURES WITH DISSIMILAR AIR MATERIALS.
- REFER TO SPEC SECTION 01 81 XY (PERFORMANCE REQUIREMENTS - ACOUSTIC CONSIDERATIONS) FOR ADDITIONAL PROJECT REQUIREMENTS.

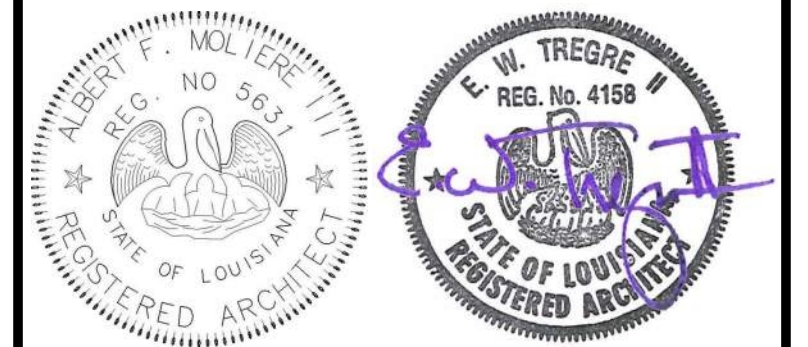
TYPICAL J-BOX MOUNTING DETAILS



EXTERIOR WALL TYPES

1 1/2" = 1'-0"

MATERIALS KEYING/ GENERAL NOTES



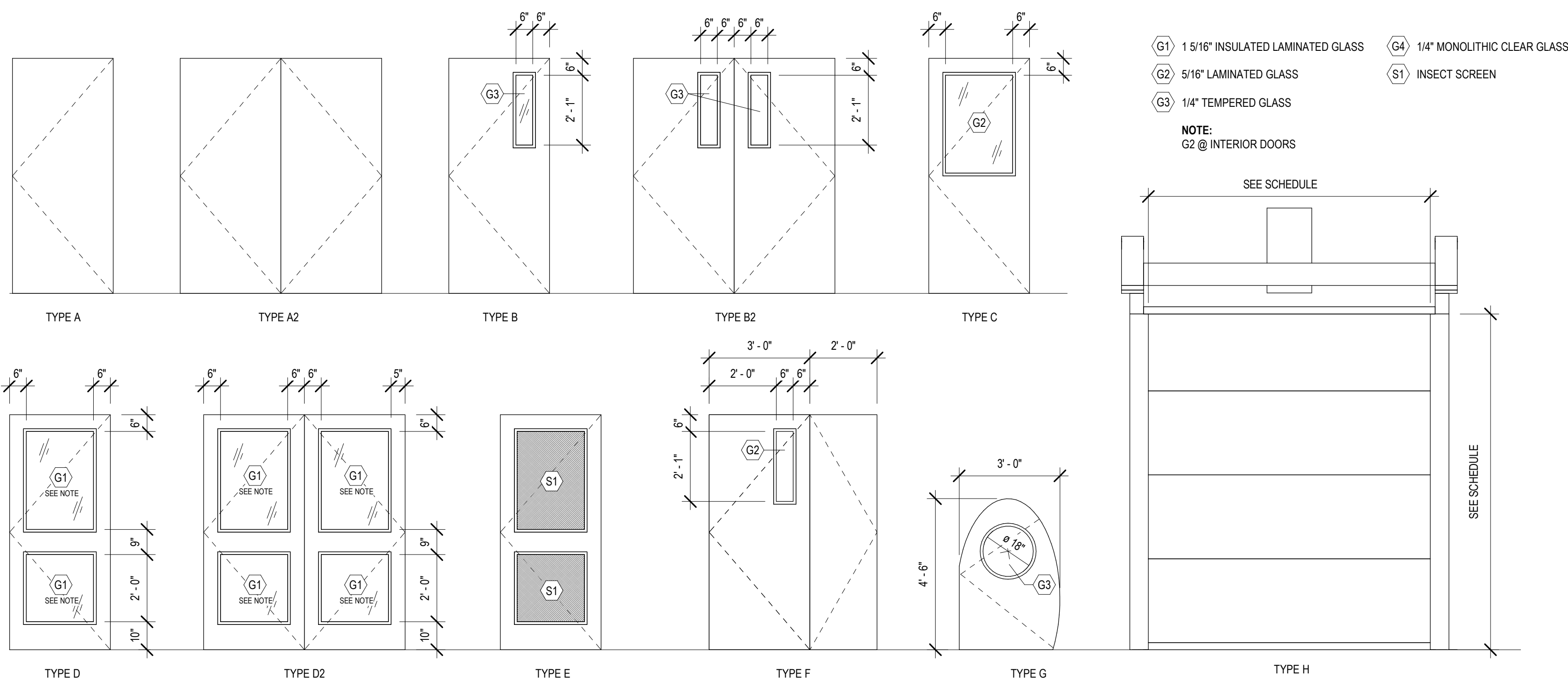
| No. | Description | Date |
|-----|-------------|------|
| | | |
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| | | |

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 ARCHITECTS + ARCHITECTS BEAZLEY+MOLIERE
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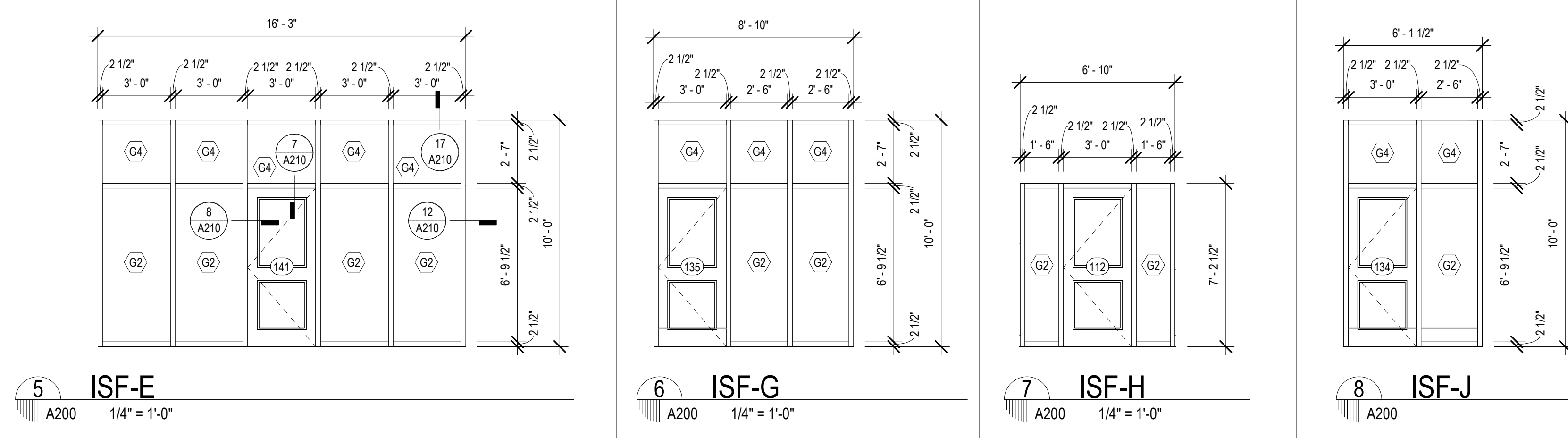
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ST. BERNARD PARISH PUBLIC LIBRARY
 ST. BERNARD PARISH
 PERMIT DOCUMENTS
 DESIGNED BY MBA/ABM CHECKED BY PP
 DRAWN BY CF/RZ DATE 05.05.2023
 SHEET TITLE WALL TYPES
 PROJECT NO. MBA - 11884 SHEET NO. A150
 ABM - 201813

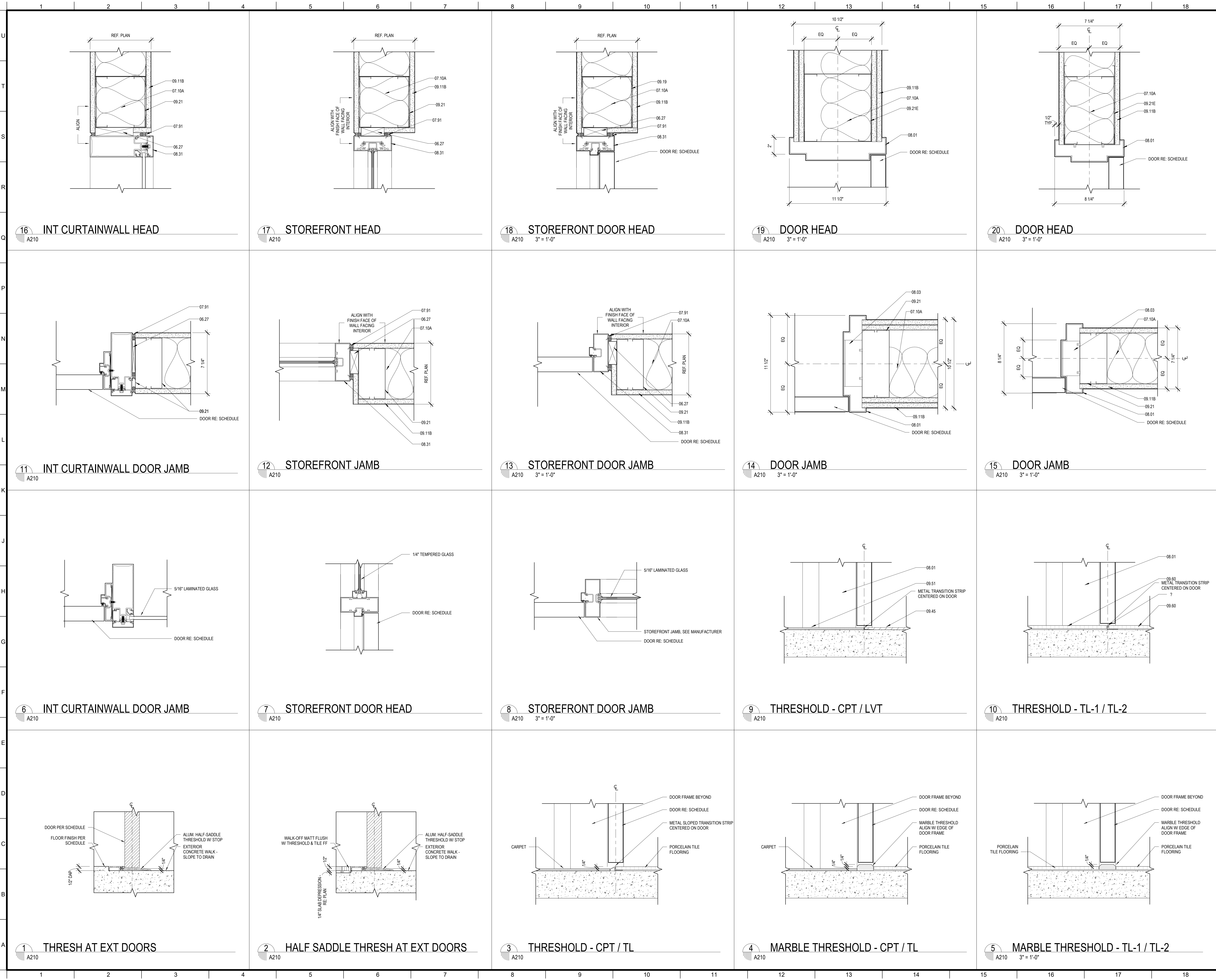
| DOOR SCHEDULE | | | | | | | | | | | | |
|---------------|-----------|---------------------------------------|-----------------|--------|-----------------|-------|--------------|-------------|-------------|----------------------------|---------------|--|
| MARK | DOOR TYPE | ASSOCIATED ROOM | DOOR DIMENSIONS | | MATERIAL | | DOOR DETAILS | | | GLAZING | DOOR RATING | COMMENTS |
| | | | WIDTH | HEIGHT | DOOR | FRAME | HEAD DETAIL | JAMB DETAIL | SILL DETAIL | | | |
| 101 | D2 | LOBBY | 6'-0" | 7'-0" | WOOD | ALUM | 20/A210 | 15/A210 | 5/A210 | G1-1 5/16" INSULLAM. GLASS | | |
| 103 | A | FAMILY RR | 3'-0" | 7'-0" | WOOD | HM | 20/A210 | 15/A210 | 5/A210 | | | |
| 104 | A | MENS | 3'-0" | 7'-0" | WOOD | HM | 20/A210 | 15/A210 | 5/A210 | | | |
| 105 | A | HVAC 1A | 3'-0" | 7'-0" | WOOD | HM | 20/A210 | 15/A210 | 5/A210 | | | |
| 106 | A | JAN. | 3'-0" | 7'-0" | WOOD | HM | 20/A210 | 15/A210 | 5/A210 | | | |
| 107 | A | WOMENS | 3'-0" | 7'-0" | WOOD | HM | 20/A210 | 15/A210 | 5/A210 | | | |
| 108A | B | KITCHENETTE | 3'-0" | 7'-0" | WOOD | HM | 19/A210 | 14/A210 | 5/A210 | G3-1/4" TEMP. GLASS | | |
| 108B | B | KITCHENETTE | 3'-0" | 7'-0" | WOOD | HM | 19/A210 | 14/A210 | 5/A210 | G3-1/4" TEMP. GLASS | | |
| 109A | B2 | MEETING ROOM | 6'-0" | 7'-0" | WOOD | HM | 19/A210 | 14/A210 | 3/A210 | G3-1/4" TEMP. GLASS | | |
| 109B | D | MEETING ROOM | 3'-0" | 7'-0" | ALUM | ALUM | PER MANUF. | 5/A425 | 1/A210 | G1-1 5/16" INSULLAM. GLASS | | |
| 110 | A | HVAC 1 | 3'-0" | 7'-0" | WOOD | HM | 19/A210 | 14/A210 | 5/A210 | | | |
| 111A | A2 | MEETING STORAGE | 6'-0" | 7'-0" | WOOD | HM | 20/A210 | 15/A210 | 9/A210 | | SOUND | ALL WOOD HVAC DOORS TO BE LINED W/ GALV. SHEET METAL W/ DULLED CORNERS AT INTERIOR SIDE OF DOOR. |
| 111B | A2 | MEETING STORAGE | 6'-0" | 7'-0" | WOOD | HM | 20/A210 | 15/A210 | 9/A210 | | SMOKE - 20MIN | |
| 112 | D | BOARD / CONFERENCE ROOM | 3'-0" | 7'-0" | WOOD | ALUM | 18/A210 | 8/A210 | 3/A210 | | SMOKE - 20MIN | |
| 113A | B | MULTI PURPOSE ROOM | 3'-0" | 7'-0" | WOOD | HM | 20/A210 | 15/A210 | 4/A210 | G3-1/4" TEMP. GLASS | | |
| 113B | D2 | MULTI PURPOSE ROOM | 6'-0" | 7'-0" | ALUM | ALUM | 6/A210 | 6/A210 | 1/A210 | G2-5/16" LAMINATED GLASS | | |
| 113C | D | MULTI PURPOSE ROOM | 3'-0" | 7'-0" | WOOD | ALUM | PER MANUF. | 10/A425 | 1/A210 | G1-1 5/16" INSULLAM. GLASS | | |
| 114 | A | AV & ELEC. CLOSET | 3'-0" | 7'-0" | WOOD | HM | 20/A210 | 15/A210 | 4/A210 | | | |
| 115A | D2 | EXHIBIT. NEW BOOKS, ADULT AV, SEATING | 6'-0" | 7'-0" | ALUM | ALUM | 6/A210 | 6/A210 | 1/A210 | G2-5/16" LAMINATED GLASS | | |
| 116 | F | STAFF WORKROOM | 5'-0" | 7'-0" | HM | HM | 4/A211 | 5/A211 | 1/A210 | G2-5/16" LAMINATED GLASS | | GALVANIZED DOOR & FRAME |
| 117 | A | DATA | 3'-0" | 7'-0" | WOOD | HM | 20/A210 | 15/A210 | 4/A210 | | | |
| 118 | A | SUPPORT STORAGE | 3'-0" | 7'-0" | WOOD | HM | 20/A210 | 15/A210 | 4/A210 | | | SMOKE - 20MIN |
| 119 | A | STAFF RR 2 | 3'-0" | 7'-0" | WOOD | HM | 20/A210 | 15/A210 | 4/A210 | | | |
| 120 | A | STAFF RR 1 | 3'-0" | 7'-0" | WOOD | HM | 20/A210 | 15/A210 | 4/A210 | | | |
| 121 | C | STAFF LOUNGE | 3'-0" | 7'-0" | WOOD | HM | 20/A210 | 15/A210 | 9/A210 | G2-5/16" LAMINATED GLASS | | |
| 122A | A | CHILD PROG. STORAGE | 3'-0" | 7'-0" | WOOD | HM | 20/A210 | 15/A210 | 9/A210 | | SMOKE - 20MIN | |
| 122B | A | CHILD PROG. STORAGE | 3'-0" | 7'-0" | WOOD | HM | 20/A210 | 15/A210 | 9/A210 | | SMOKE - 20MIN | |
| 122C | A | CHILD PROG. STORAGE | 3'-0" | 7'-0" | WOOD | HM | 20/A210 | 15/A210 | 9/A210 | | SMOKE - 20MIN | |
| 123 | C | DIRECTOR | 3'-0" | 7'-0" | WOOD | HM | 20/A210 | 15/A210 | 3/A210 | G2-5/16" LAMINATED GLASS | | |
| 125 | D | CHILDRENS AREA | 3'-0" | 7'-0" | ALUM | ALUM | PER MANUF. | 8/A210 | 1/A210 | G1-1 5/16" INSULLAM. GLASS | | |
| 126A | C | CHILDRENS PROGRAM | 3'-0" | 7'-0" | WOOD | HM | 20/A210 | 15/A210 | 9/A210 | G2-5/16" LAMINATED GLASS | | |
| 126B | G | CHILDRENS AREA | 3'-0" | 4'-6" | WOOD | WOOD | 6/211 | 7/A211 | 1/A210 | G3-1/4" TEMP. GLASS | | |
| 126C | A | CHILDRENS PROGRAM | 3'-0" | 7'-0" | HM | HM | 6/211 | 7/A211 | 1/A210 | | | GALVANIZED DOOR & FRAME |
| 126D | H | CHILDRENS PROGRAM | 15'-11" | 12'-0" | RE. FIN. SCHED. | ALUM | | | | | | |
| 127 | A2 | HVAC 3 | 6'-0" | 7'-0" | HM | HM | 4/A211 | 5/A211 | 1/A210 | | | GALVANIZED DOOR & FRAME |
| 128 | A | ELECTRICAL | 3'-0" | 7'-0" | WOOD | HM | 20/A210 | 15/A210 | 4/A210 | | | |
| 129 | A | FAMILY RR | 3'-0" | 7'-0" | WOOD | HM | 20/A210 | 15/A210 | 4/A210 | | | |
| 130 | A | FAMILY RR | 3'-0" | 7'-0" | WOOD | HM | 20/A210 | 15/A210 | 4/A210 | | | |
| 131 | A | LACTATION | 3'-0" | 7'-0" | WOOD | HM | 20/A210 | 15/A210 | 9/A210 | | | |
| 132 | D | QUIET READING / SPECIAL COLLECTIONS | 3'-0" | 7'-0" | WOOD | ALUM | 7/A210 | 8/A210 | 1/A210 | G2-5/16" LAMINATED GLASS | | |
| 133 | D | COVERED PORCH | 3'-0" | 7'-0" | ALUM | ALUM | PER MANUF. | 6/A210 | 1/A210 | G1-1 5/16" INSULLAM. GLASS | | |
| 134 | D | GROUP STUDY / SOUND ROOM | 3'-0" | 7'-0" | WOOD | ALUM | 7817/A210 | 8813/A210 | 1/A210 | G2-5/16" LAMINATED GLASS | | |
| 135 | D | STUDY 5 | 3'-0" | 7'-0" | WOOD | ALUM | 7817/A210 | 8813/A210 | 1/A210 | G2-5/16" LAMINATED GLASS | | |
| 136 | D | STUDY 4 | 3'-0" | 7'-0" | WOOD | ALUM | 7817/A210 | 8813/A210 | 1/A210 | G2-5/16" LAMINATED GLASS | | |
| 137 | D | STUDY 3 | 3'-0" | 7'-0" | WOOD | ALUM | 7817/A210 | 8813/A210 | 1/A210 | G2-5/16" LAMINATED GLASS | | |
| 138 | A2 | HVAC 2 | 6'-0" | 7'-0" | HM | HM | 4/A211 | 5/A211 | 1/A210 | | | GALVANIZED DOOR & FRAME |
| 139 | A | ELEC CLOSET | 3'-0" | 7'-0" | WOOD | HM | 20/A210 | 15/A210 | 4/A210 | | | |
| 141 | D | COMPUTER LAB | 3'-0" | 7'-0" | WOOD | ALUM | 7/A210 | 8/A210 | 1/A210 | G2-5/16" LAMINATED GLASS | | |
| 142 | C | STUDY 2 | 3'-0" | 7'-0" | WOOD | HM | 20/A210 | 15/A210 | 4/A210 | G2-5/16" LAMINATED GLASS | | |
| 143 | C | STUDY 1 | 3'-0" | 7'-0" | WOOD | HM | 20/A210 | 15/A210 | 4/A210 | G2-5/16" LAMINATED GLASS | | |
| 148 | E | COVERED PORCH | 3'-0" | 7'-0" | ALUM | ALUM | PER MANUF. | PER MANUF. | 1/A210 | SCREEN | | |



DOOR TYPES

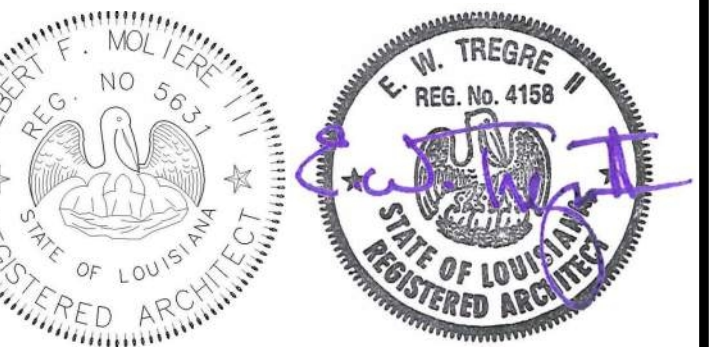
3/8" = 1'-0"





MATERIALS KEYING/ GENERAL NOTES

| Keynote Legend | |
|----------------|---|
| Key Value | Keynote Text |
| 06.27 | WOOD BLOCKING (06 10 00) |
| 07.10A | BATT SOUND INSULATION (6" THK) |
| 07.91 | BACKER ROD & SEALANT |
| 08.01 | HOLLOW METAL FRAME (08 11 00) |
| 08.03 | FRAME ANCHOR - SCREWED TO STUD (08 11 00) |
| 08.31 | ALUMINUM FRAME (08 40 00) |
| 09.11B | GYPSUM BOARD (5/8" THICK) ADDITIONAL LAYERS WHERE SHOWN |
| 09.19 | LIGHT GAUGE METAL FRAMING - RE: STRUCTURAL (09 26 00) |
| 09.21 | LIGHT GAUGE METAL STUDS (09 26 00) |
| 09.21E | 8" METAL STUDS |
| 09.45 | LUXURY VINYL TILE (09 65 00) |
| 09.51 | CARPET (09 68 00) |
| 09.60 | PORCELAIN TILE |



| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |
| | | |

KEY PLAN

Mathes Brierre + /BM
ARCHITECTS + ARCHITECTS BEAZLEY MOLIÈRE
A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
Voice: 504.586.9303 Fax: 504.582.1305

300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

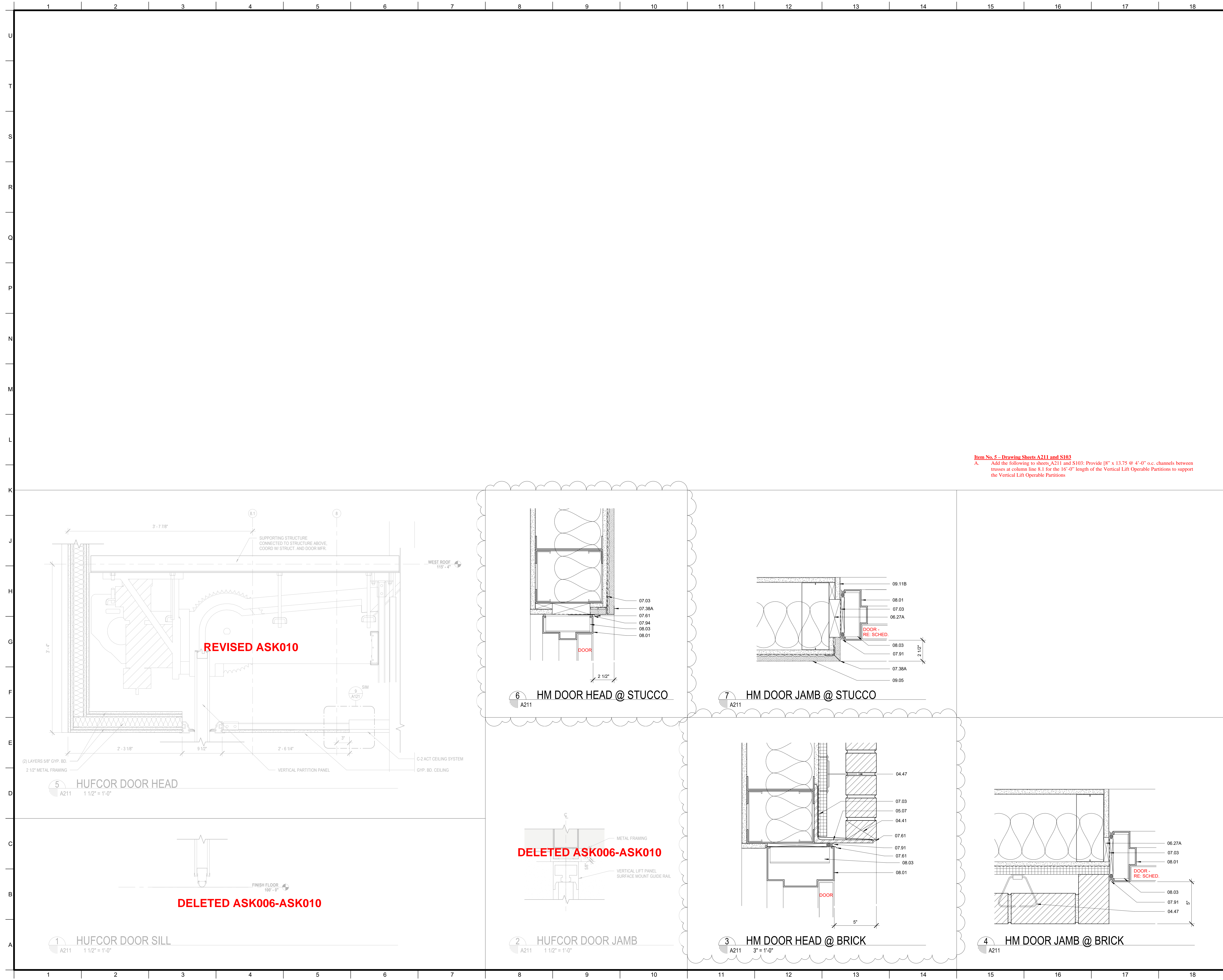
PROJECT TITLE

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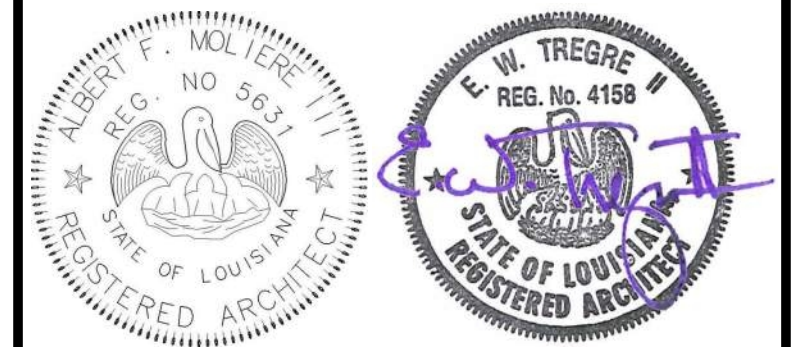
PERMIT DOCUMENTS

| | | | |
|--------------|-------------|------------|------------|
| DESIGNED BY | MBA/ABM | CHECKED BY | PP |
| DRAWN BY | CF | DATE | 05.05.2023 |
| SHEET TITLE | | | |
| DOOR DETAILS | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | A210 |
| ABM - 201813 | | | |



MATERIALS KEYING/ GENERAL NOTES

| Key Value | Keynote Text |
|-----------|--|
| 04.41 | WEEP HOLE AT 32" ON CENTER |
| 04.47 | MASONRY ANCHORS (04 20 00) |
| 05.07 | STEEL LINTEL (GALVANIZED)- RE: STRUCTURAL (05 12 00) |
| 06.27A | TREATED WOOD BLOCKING |
| 07.03 | MEMBRANE WATERPROOFING (07 27 26) |
| 07.38A | METAL FLASHING |
| 07.91 | BACKER ROD & SEALANT |
| 07.94 | SEALANT |
| 08.01 | HOLLOW METAL FRAME (08 11 00) |
| 08.03 | FRAME ANCHOR - SCREWED TO STUD (08 11 00) |
| 09.05 | STUCCO ON METAL LATH (09 22 00) |
| 09.11B | GYP. BM BOARD (5/8" THICK) ADDITIONAL LAYERS WHERE SHOWN |



Item No. 5 - Drawing Sheets A211 and S103
 A. Add the following to sheets A211 and S103: Provide 8" x 13.75 @ 4'-0" o.c. channels between trusses at column line 8.1 for the 16'-0" length of the Vertical Lift Operable Partitions to support the Vertical Lift Operable Partitions

| No. | Description | Date |
|-----|-------------|----------|
| 1 | Addendum 1 | 05/25/23 |

KEY PLAN

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 Lafayette, Louisiana 70503
 337.233.0614

PROJECT TITLE

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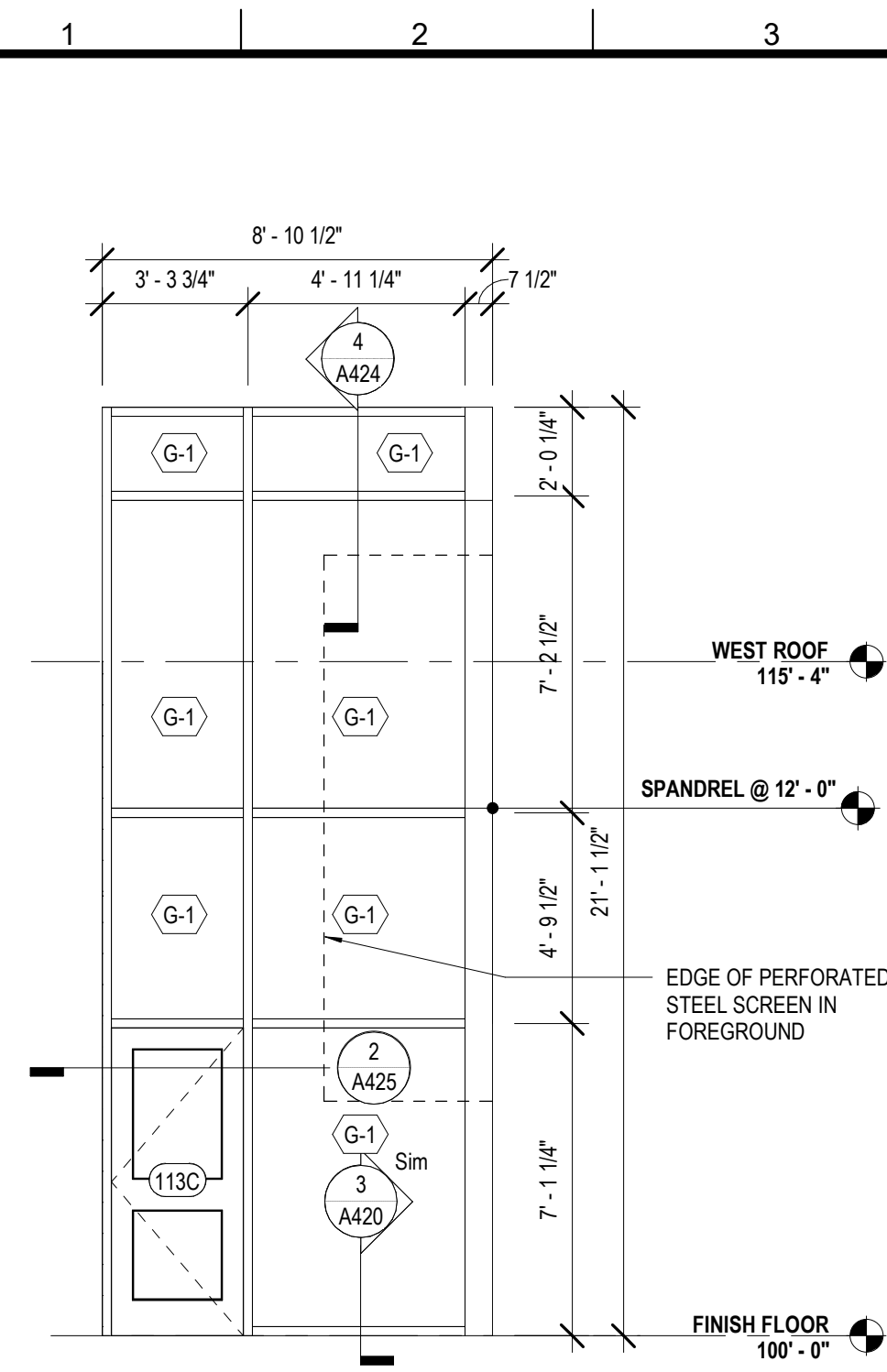
PERMIT DOCUMENTS

| | | | |
|-------------|-----------|------------|------------|
| DESIGNED BY | MBA/ABM | CHECKED BY | ALB |
| DRAWN BY | MP/SC/ALB | DATE | 05.05.2023 |

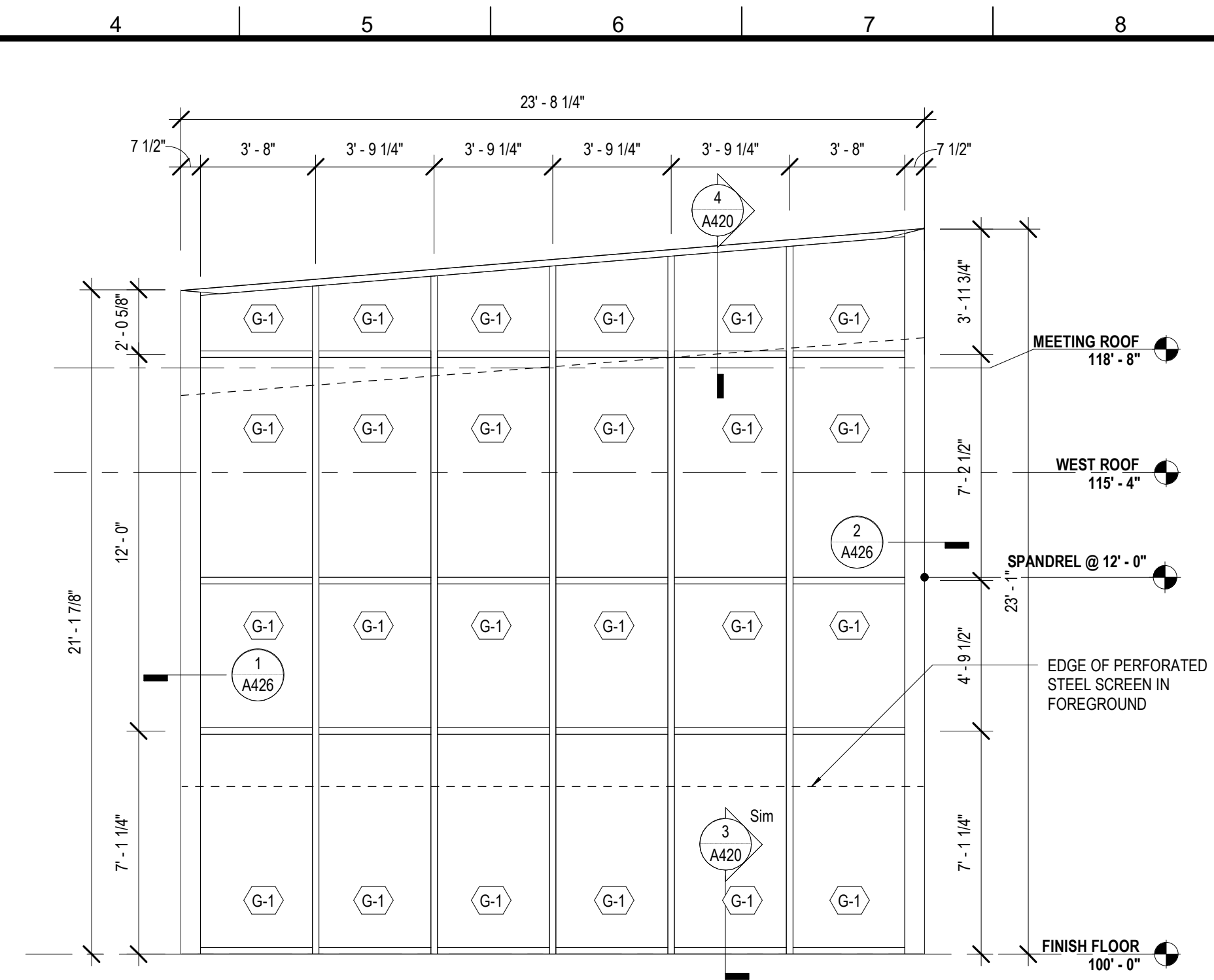
SHEET TITLE

DOOR DETAILS

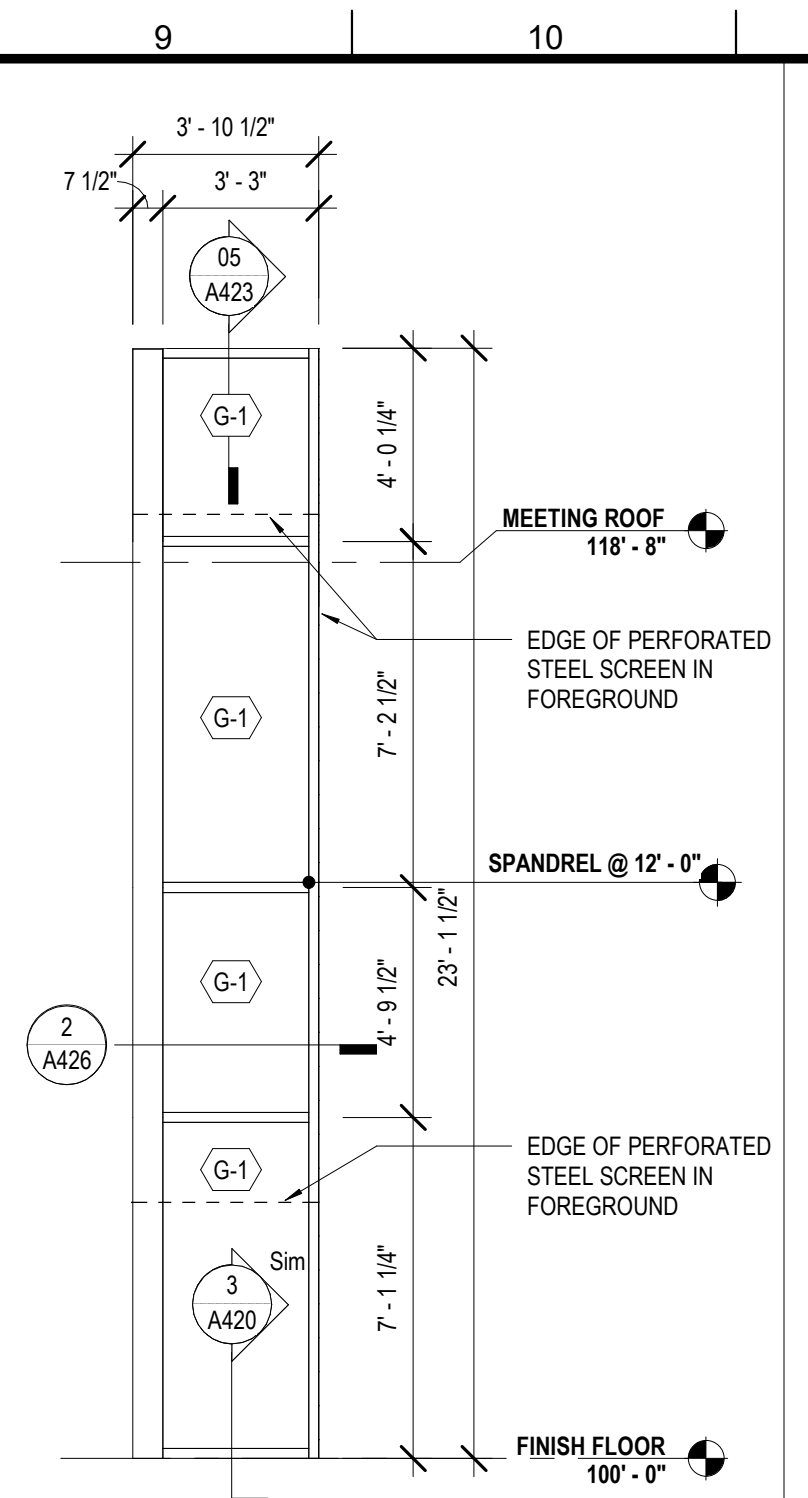
| | | | |
|-------------|--------------|-----------|------|
| PROJECT NO. | MBA - 11884 | SHEET NO. | A211 |
| | ABM - 201813 | | |



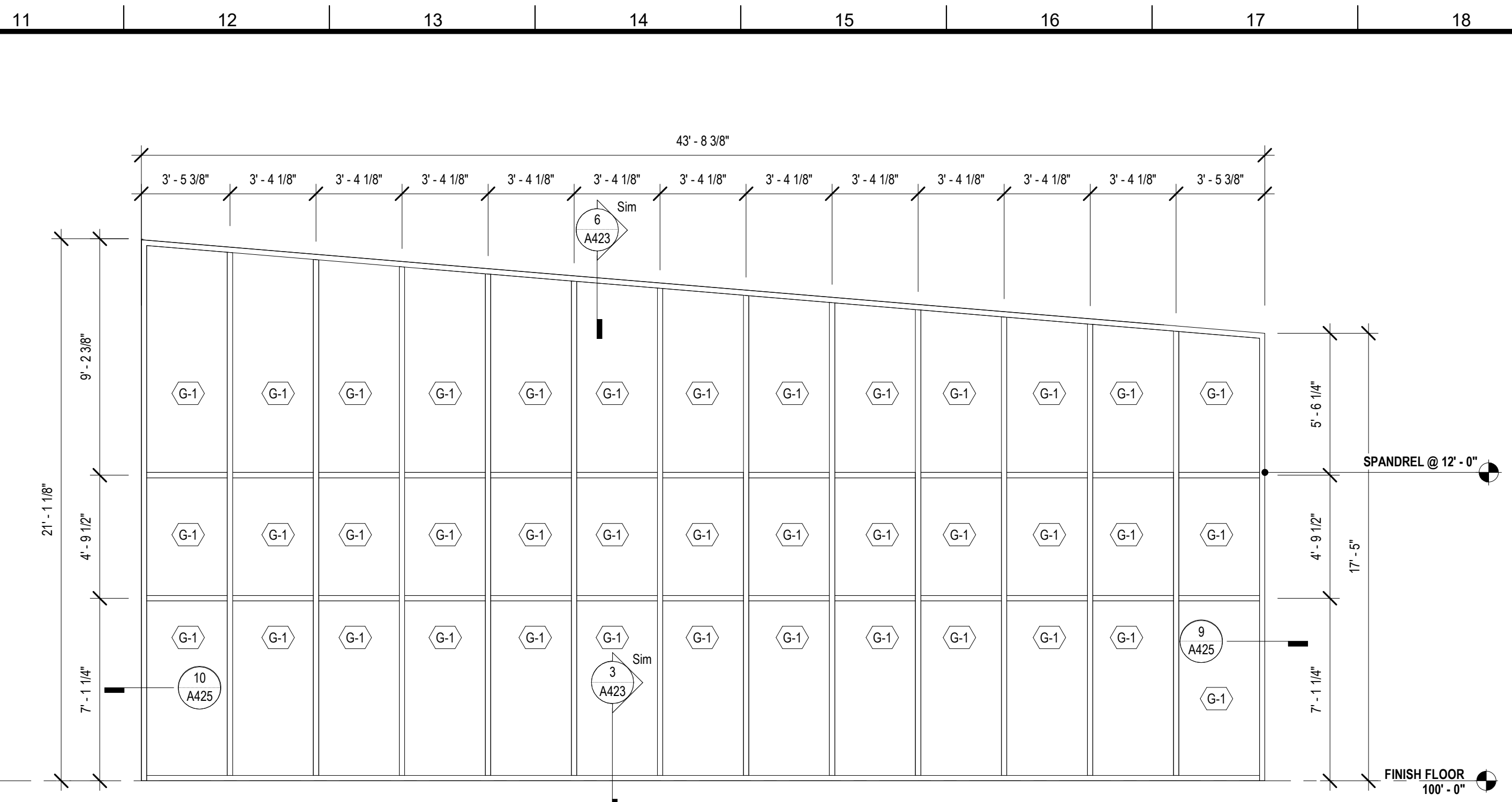
4 CW-F @ MULTI. WEST
A220 1/4" = 1'-0"



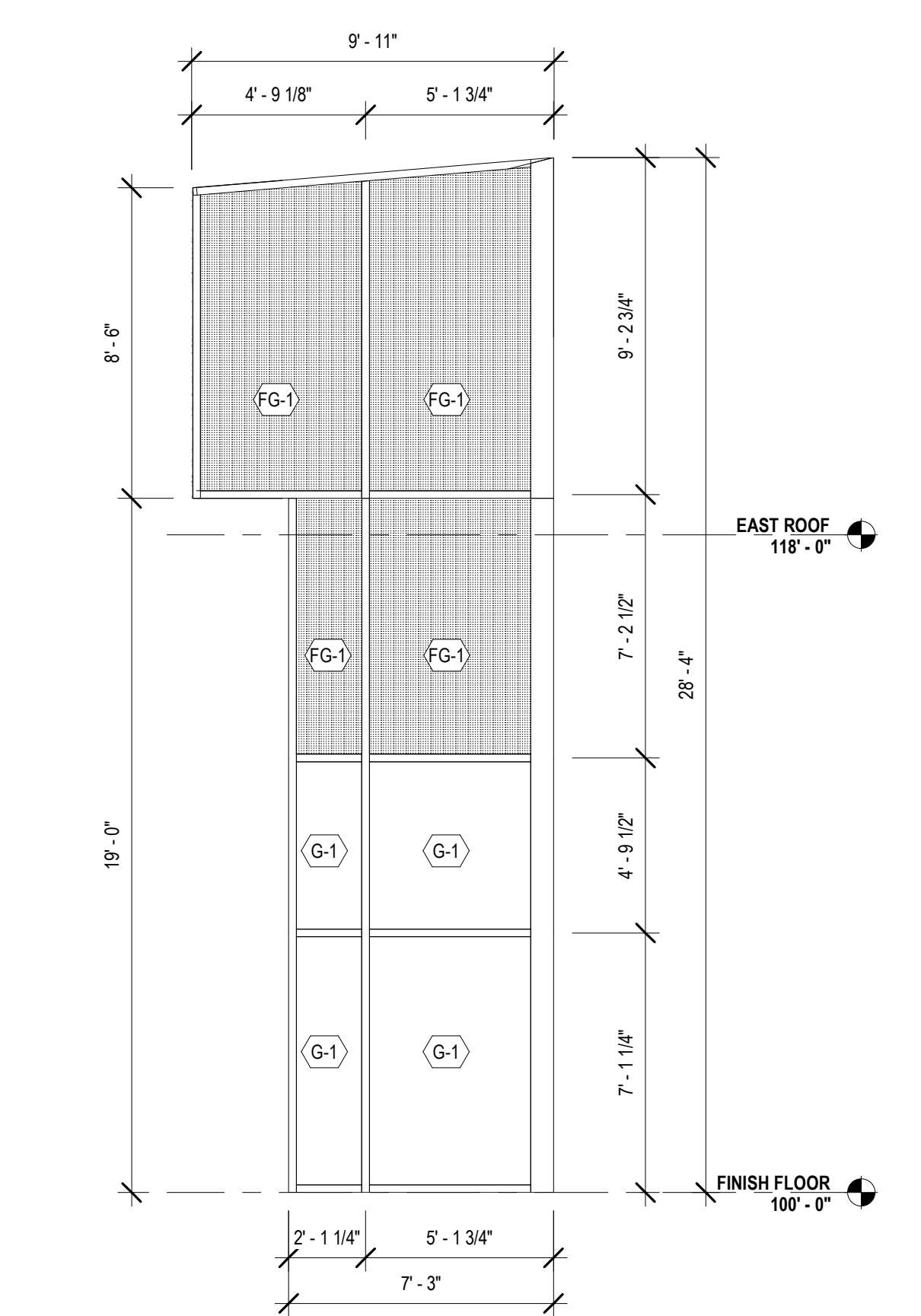
5 CW-E @ MULTI-PURPOSE SOUTH
A220 1/4" = 1'-0"



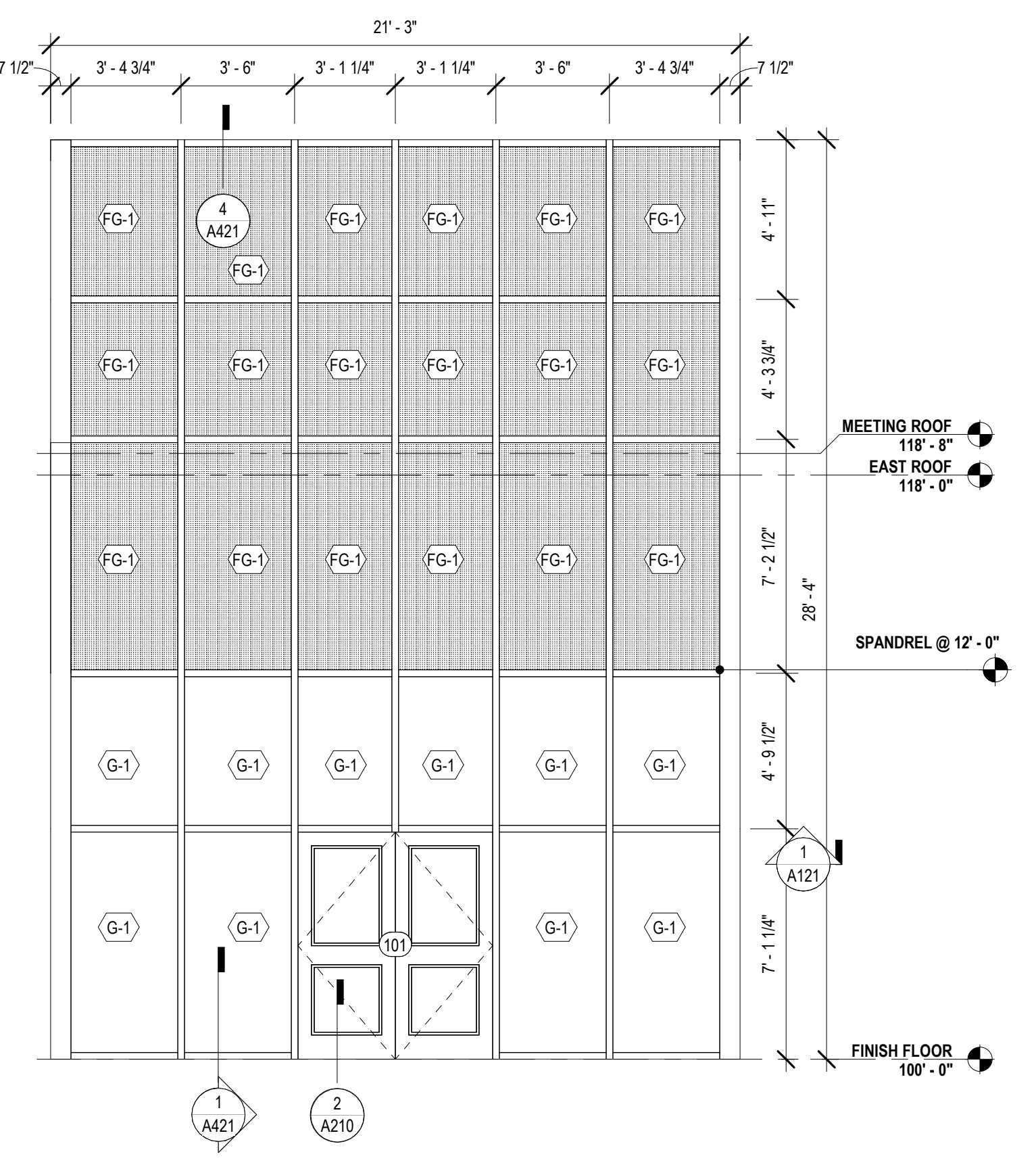
6 CW-D @ MULTI. EAST
A220 1/4" = 1'-0"



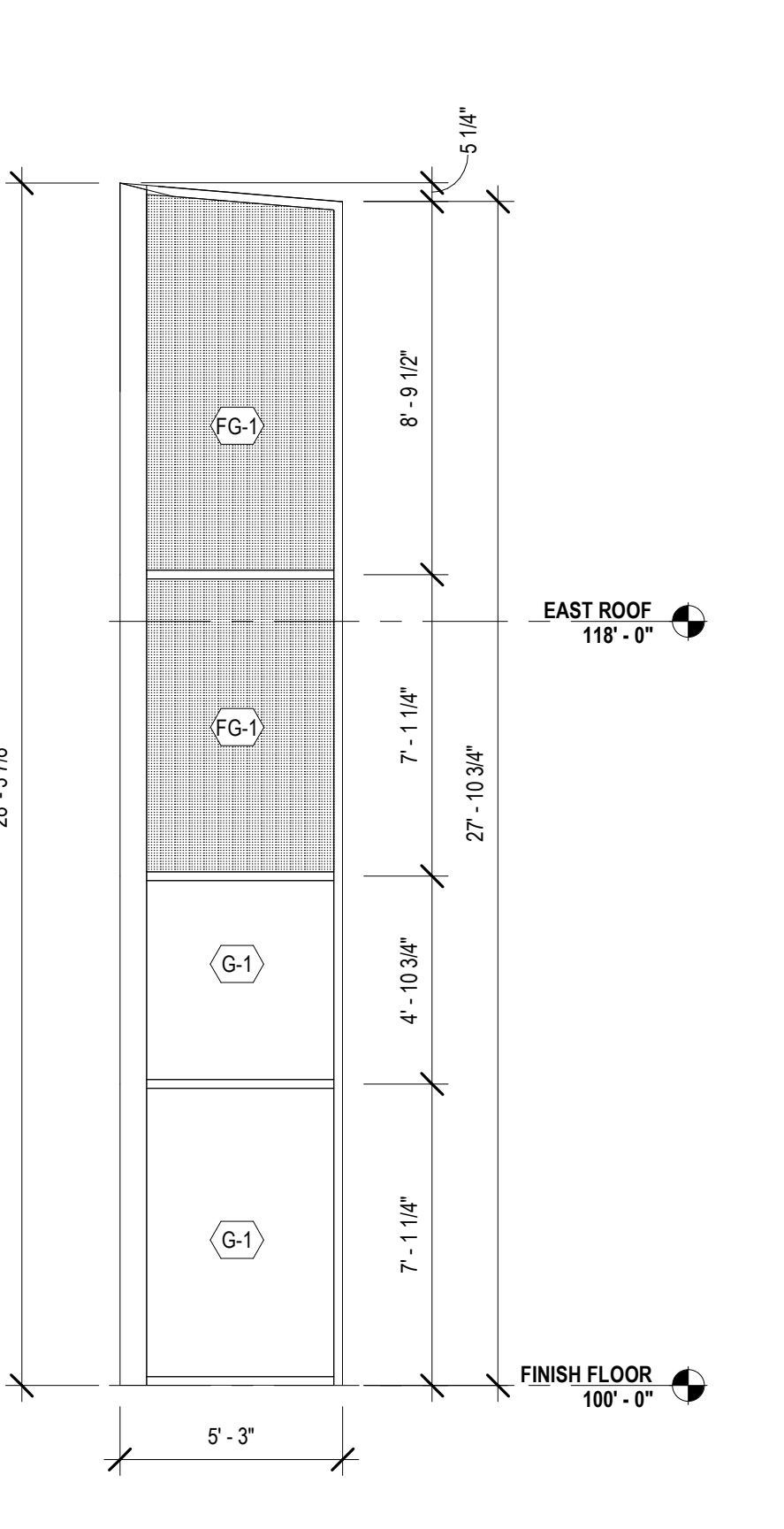
7 CW-G @ CHILDRENS NORTH
A220 1/4" = 1'-0"



1B CW-C @ LOBBY SOUTH
A220 1/4" = 1'-0"



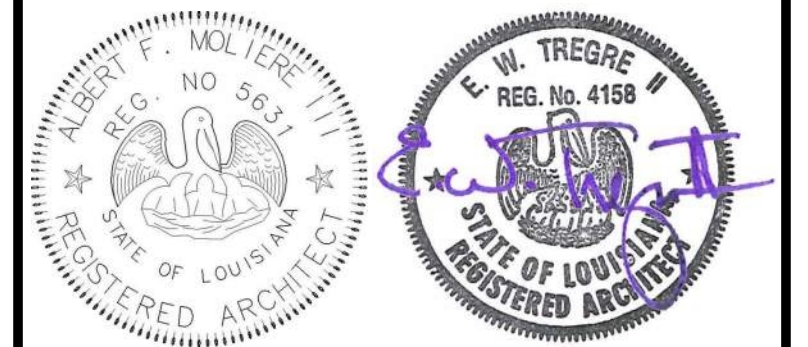
2 CW-B @ LOBBY EAST
A220 1/4" = 1'-0"



3B CW-A @ LOBBY N
A220 1/4" = 1'-0"

MATERIALS KEYING/ GENERAL NOTES

| CURTAIN WALL SHEET DIRECTORY | |
|---------------------------------------|-----------|
| MARK | SHEET NO. |
| CWA @ LOBBY N | A220 |
| CWB @ LOBBY SOUTH | A220 |
| CWM @ COLLECTION & SEATING EAST | A221 |
| ESF-K @ QUIET READING | A222 |
| CURTAIN WALL | |
| CWA @ LOBBY NORTH - ALT 1 | A220 |
| CWB @ LOBBY EAST | A220 |
| CWC @ LOBBY SOUTH - ALT 3 | A220 |
| CWD @ MULTI. EAST | A220 |
| CWE @ MULTI-PURPOSE SOUTH | A220 |
| CWF @ MULTI. WEST | A220 |
| CWG @ CHILDRENS NORTH | A220 |
| CWH @ SCREEN WALL @ COVERED PORCH | A221 |
| CWK @ QUIET READING NORTH | A221 |
| CWL @ COLLECTION & SEATING NORTH | A221 |
| CWM @ COLLECTION & SEATING EAST ALT 2 | A221 |
| CWN @ TEEN AREA | A221 |
| CWP @ TEEN EAST | A221 |
| EXTERIOR STOREFRONT | |
| ESF-A @ MEET. EAST | A222 |
| ESF-B @ MEETING ROOM SOUTH | A222 |
| ESF-C @ STAFF LOUNGE SOUTH | A222 |
| ESF-D @ STAFF WORKROOM WEST | A222 |
| ESF-E @ STAFF WK. SOUTH | A222 |
| ESF-F @ CHLD. PROGRAM | A222 |
| ESF-G | A222 |
| ESF-H @ COVERED PORCH | A222 |
| ESF-I @ GROUP STUDY NORTH | A222 |
| ESF-L @ HVAC 3 | A222 |
| INTERIOR STOREFRONT | |
| ICWA | A200 |
| ICWB | A200 |
| ISF-C / ISF-D | A200 |
| ISF-D | A200 |
| ISF-F / ESF-K | A200 |
| ISF-G | A200 |



| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |
| | | |

KEY PLAN

Mathes Brierre + MBM
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
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300 Heymann Blvd.
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PROJECT TITLE

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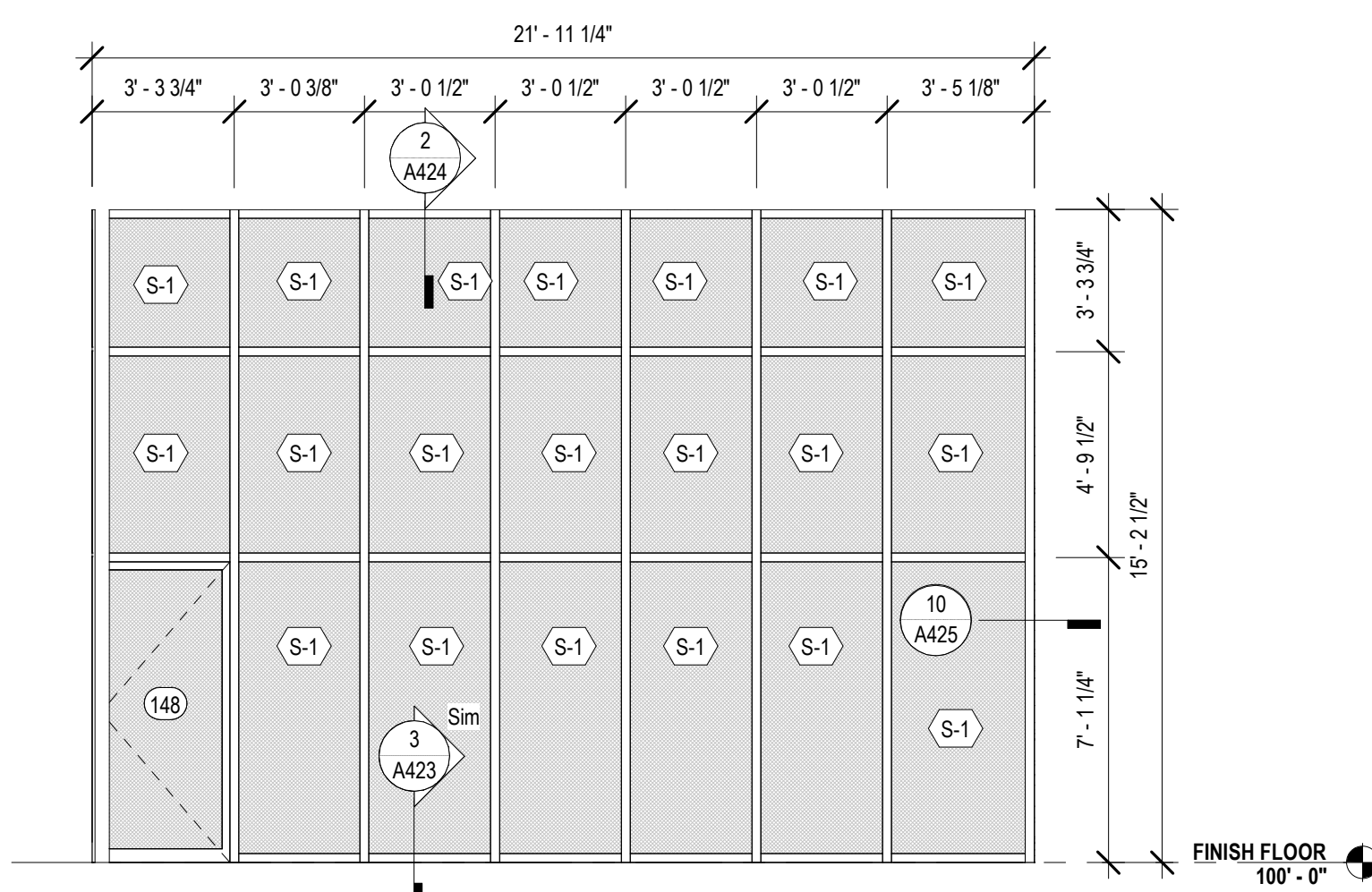
PERMIT DOCUMENTS

| | | | |
|---------------------------------|--------------|------------|------------|
| DESIGNED BY | MBA/ABM | CHECKED BY | AM/PP |
| DRAWN BY | MP/SC/ALB | DATE | 05.05.2023 |
| SHEET TITLE | | | |
| CURTAIN WALL OPENING ELEVATIONS | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | A220 |
| | ABM - 201813 | | |

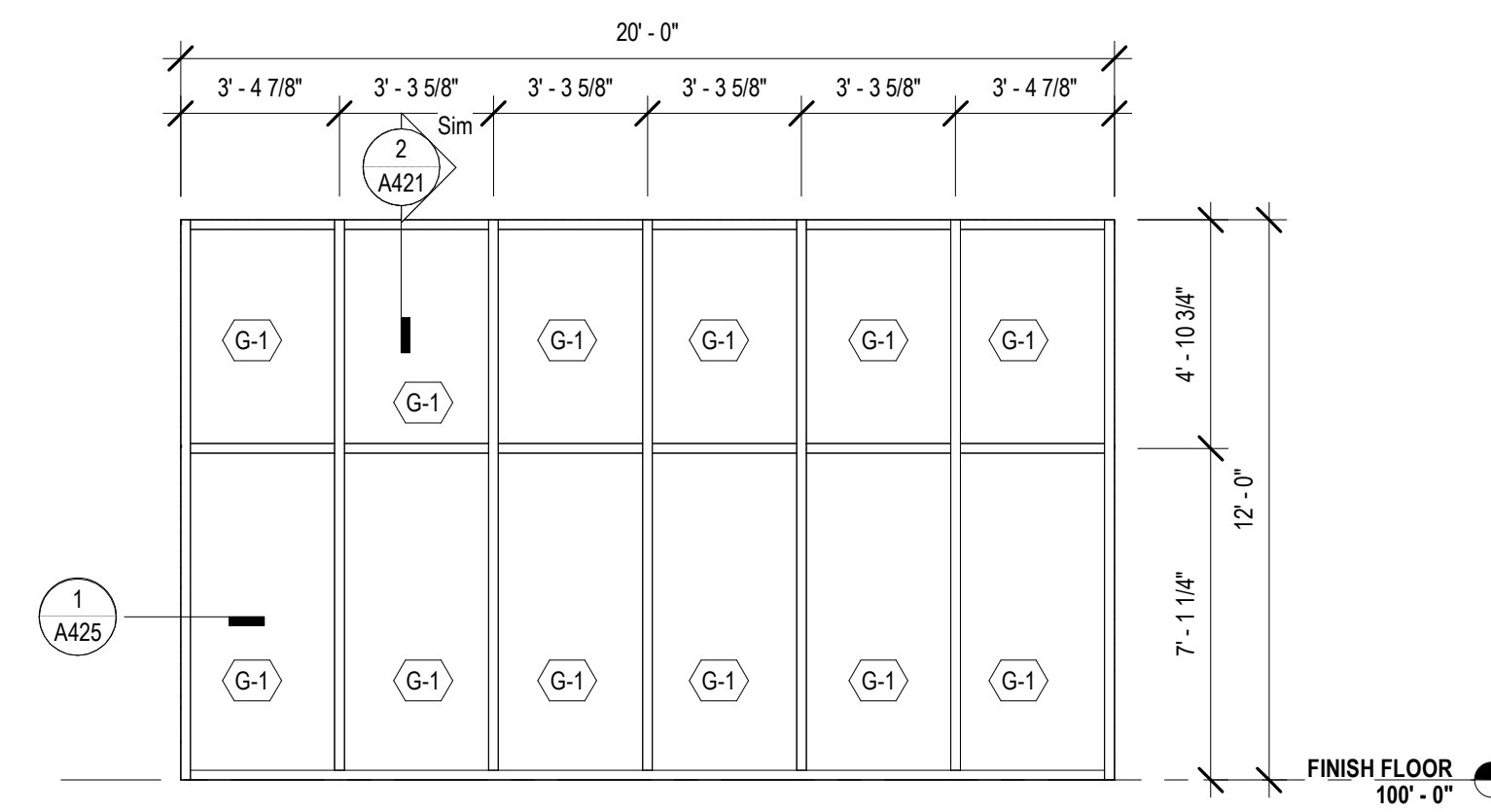
CURTAIN WALL SHEET DIRECTORY

| MARK | SHEET NO. |
|--|-----------|
| CW-A @ LOBBY N | A220 |
| CW-B @ LOBBY SOUTH | A220 |
| CW-M @ COLLECTION & SEATING EAST | A221 |
| ESF-K @ QUIET READING | A222 |
| CURTAIN WALL | |
| CW-A @ LOBBY NORTH - ALT 1 | A220 |
| CW-B @ LOBBY EAST | A220 |
| CW-C @ LOBBY SOUTH - ALT 3 | A220 |
| CW-D @ MULTI. EAST | A220 |
| CW-E @ MULTI-PURPOSE SOUTH | A220 |
| CW-F @ MULTI-PURPOSE WEST | A220 |
| CW-G @ CHILDRENS NORTH | A220 |
| CW-H @ SCREEN WALL @ COVERED PORCH | A221 |
| CW-K @ QUIET READING NORTH | A221 |
| CW-L @ COLLECTION & SEATING NORTH | A221 |
| CW-M @ COLLECTION & SEATING EAST ALT 2 | A220 |
| CW-N @ TEEN AREA | A221 |
| CW-P @ TEEN EAST | A221 |
| EXTERIOR STOREFRONT | |
| ESF-A @ MEET. EAST | A222 |
| ESF-B @ MEETING ROOM SOUTH | A222 |
| ESF-C @ STAFF LOUNGE SOUTH | A222 |
| ESF-D @ STAFF WORKROOM WEST | A222 |
| ESF-E @ STAFF WK. SOUTH | A222 |
| ESF-F @ CHLD. PROGRAM | A222 |
| ESF-G | A222 |
| ESF-H @ COVERED PORCH | A222 |
| ESF-J @ GROUP STUDY NORTH | A222 |
| ESF-L @ HVAC 3 | A222 |
| INTERIOR STOREFRONT | |
| ICW-A | A200 |
| ICW-B | A200 |
| ISF-C / ISF-D | A200 |
| ISF-D | A200 |
| ISF-F / ESF-K | A200 |
| ISF-G | A200 |

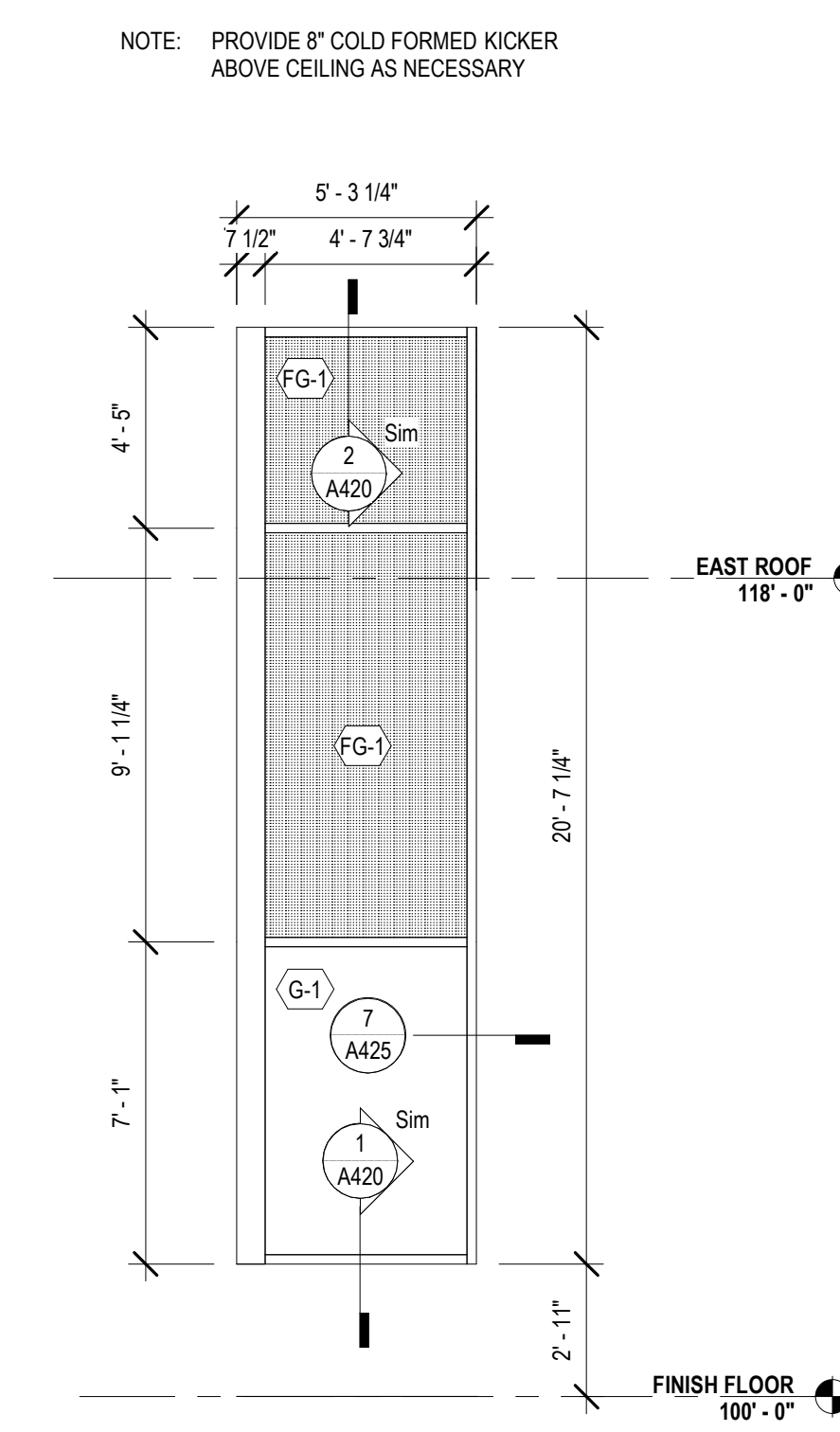
| MARK | OPENING TYPE | GLAZING TYPE | FRAME DETAILS | | |
|-------|---------------------|--------------|---------------|---------------------|----------------------------|
| | | | HEAD | JAMB | SILL |
| CW-A | CURTAIN WALL | | 3 / A421 SIM | 12 / A425 | 3 / A421 SIM, 3 / A423 SIM |
| CW-B | CURTAIN WALL | | 4 / A421 | | 1 / A421 |
| CW-C | CURTAIN WALL | | 3 / A421 | 2 / A426 | 3 / A423 SIM |
| CW-D | CURTAIN WALL | | 05 / A423 SIM | 2 / A426 | 3 / A423 SIM |
| CW-E | CURTAIN WALL | | 4 / A420 | 1 / A426, 2 / A426 | 3 / A420 |
| CW-F | CURTAIN WALL | | 4 / A424 | 2 / A425 | 3 / A423 SIM |
| CW-G | CURTAIN WALL | | 6 / A423 | 9 / A425, 10 / A425 | 3 / A423 |
| CW-H | CURTAIN WALL | | 2 / A424 | 10 / A425 | 3 / A423 SIM |
| CW-K | CURTAIN WALL | | 2 / A421 | 1 / A425 | 1 / A421 SIM |
| CW-L | CURTAIN WALL | | 6 / A423 SIM | 9 / A425 | 3 / A423 SIM |
| CW-M | CURTAIN WALL | | 05 / A423 | 11 / A425 | 05 / A423, 3 / A423 SIM |
| CW-N | CURTAIN WALL | | 1 / A420 | 7 / A425 | 1 / A420 |
| CW-P | CURTAIN WALL | | 1 / A420 | 8 / A425 | 1 / A420 |
| ESF-A | EXTERIOR STOREFRONT | | 6 / A422 SIM | 5 / A425 | 2 / A210 |
| ESF-B | EXTERIOR STOREFRONT | | 6 / A422 | 5 / A425, 6 / A425 | 3 / A422 |
| ESF-C | EXTERIOR STOREFRONT | | 6 / A422 SIM | 6 / A425 SIM | 3 / A423 SIM |
| ESF-D | EXTERIOR STOREFRONT | | 6 / A422 SIM | 6 / A425 SIM | 3 / A422 SIM |
| ESF-E | EXTERIOR STOREFRONT | | 6 / A422 SIM | 6 / A425 SIM | 3 / A423 SIM |
| ESF-F | EXTERIOR STOREFRONT | | 2 / A420 SIM | 8 / A425 SIM | 1 / A420 SIM |
| ESF-G | EXTERIOR STOREFRONT | | 6 / A422 SIM | 6 / A425 | 3 / A423 SIM |
| ESF-H | EXTERIOR STOREFRONT | | 2 / A421 SIM | 1 / A425 | 3 / A423 SIM |
| ESF-J | EXTERIOR STOREFRONT | | 6 / A422 SIM | 11 / A425, 3 / A425 | 3 / A423 SIM |
| ESF-K | EXTERIOR STOREFRONT | | 1 / A424 | 8 / A425 SIM | 1 / A424 |
| ESF-L | EXTERIOR STOREFRONT | | 6 / A422 SIM | 6 / A425 SIM | 3 / A423 SIM |



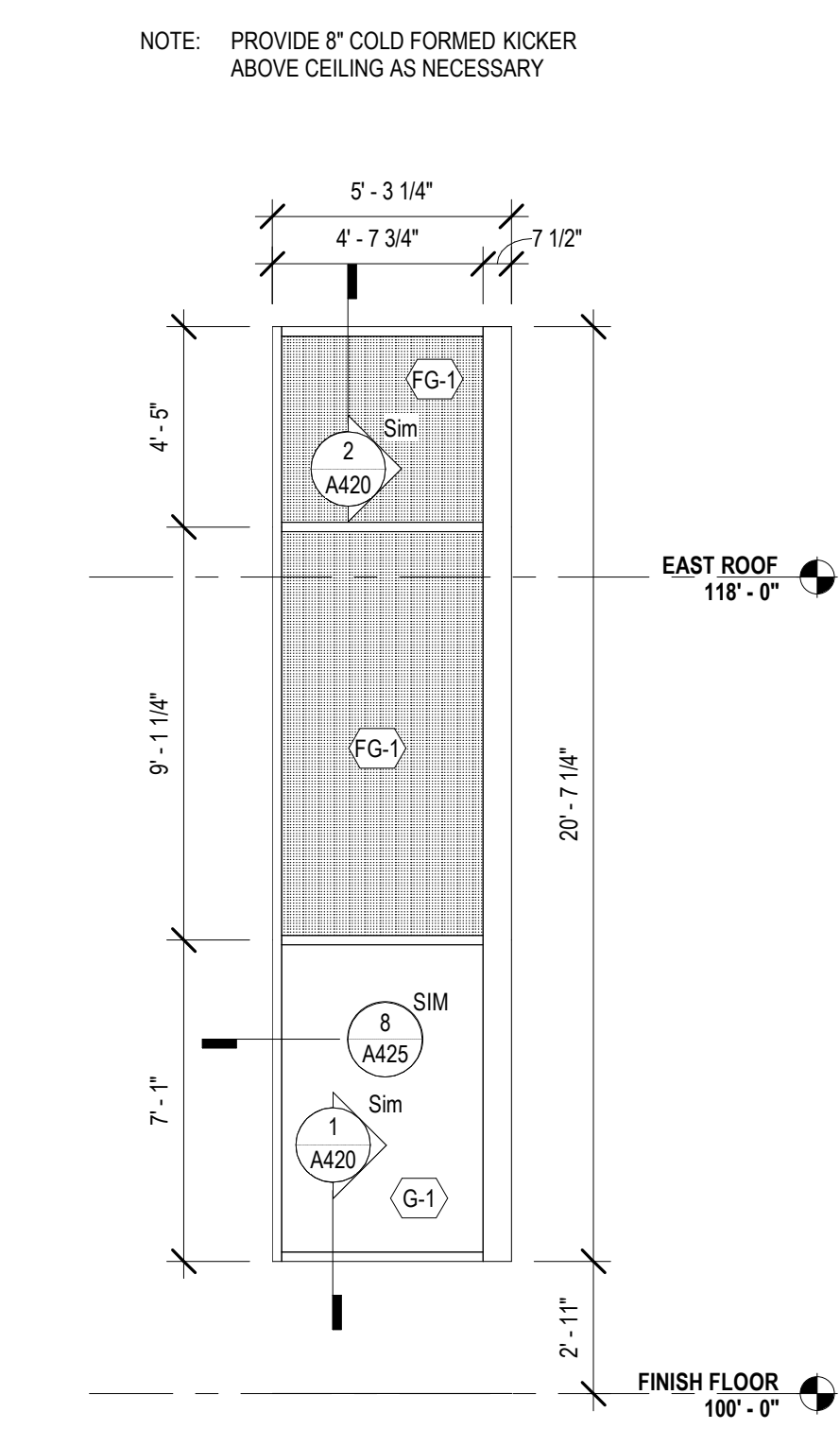
5 CW-H - SCREEN WALL @ COVERED PORCH
A221 1/4" = 1'-0"



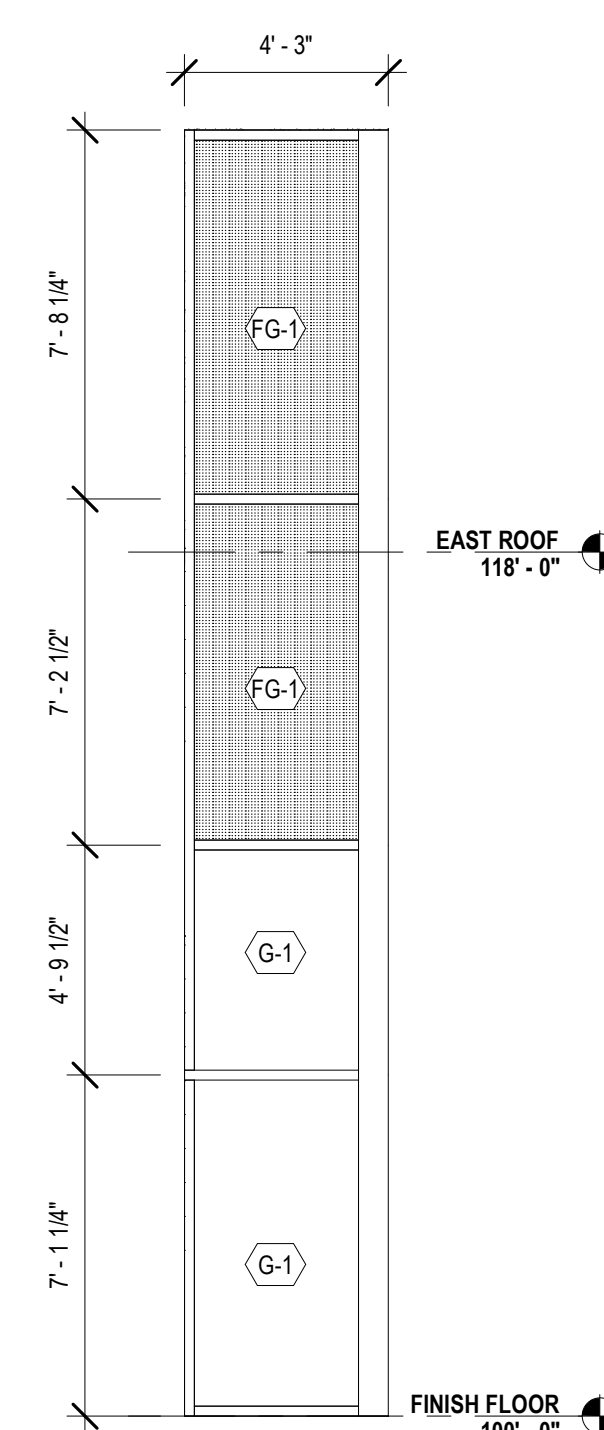
6 CW-K @ QUIET READING NORTH
A221 1/4" = 1'-0"



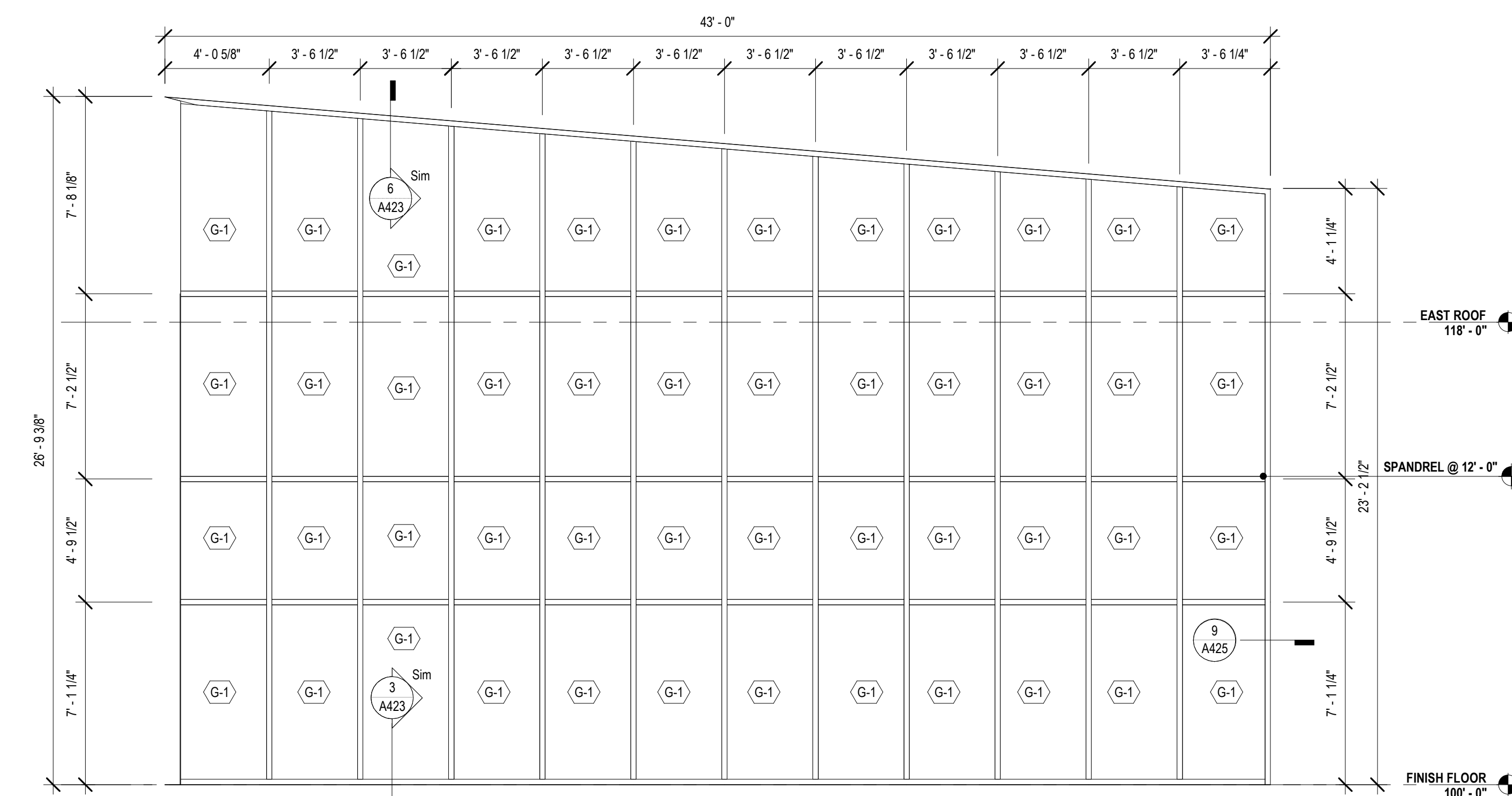
3 CW-N @ TEEN AREA
A221 1/4" = 1'-0"



4 CW-P @ TEEN EAST
A221 1/4" = 1'-0"



1B CW-M @ COLLECTION & SEATING EAST
A221 1/4" = 1'-0"



2 CW-L @ COLLECTION & SEATING NORTH
A221 1/4" = 1'-0"



| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |
| | | |

KEY PLAN

Mathes Brierre + MBM
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
A JOINT VENTURE

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New Orleans, Louisiana 70170-4100
Voice: 504.586.9303. Fax: 504.582.1305

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PROJECT TITLE

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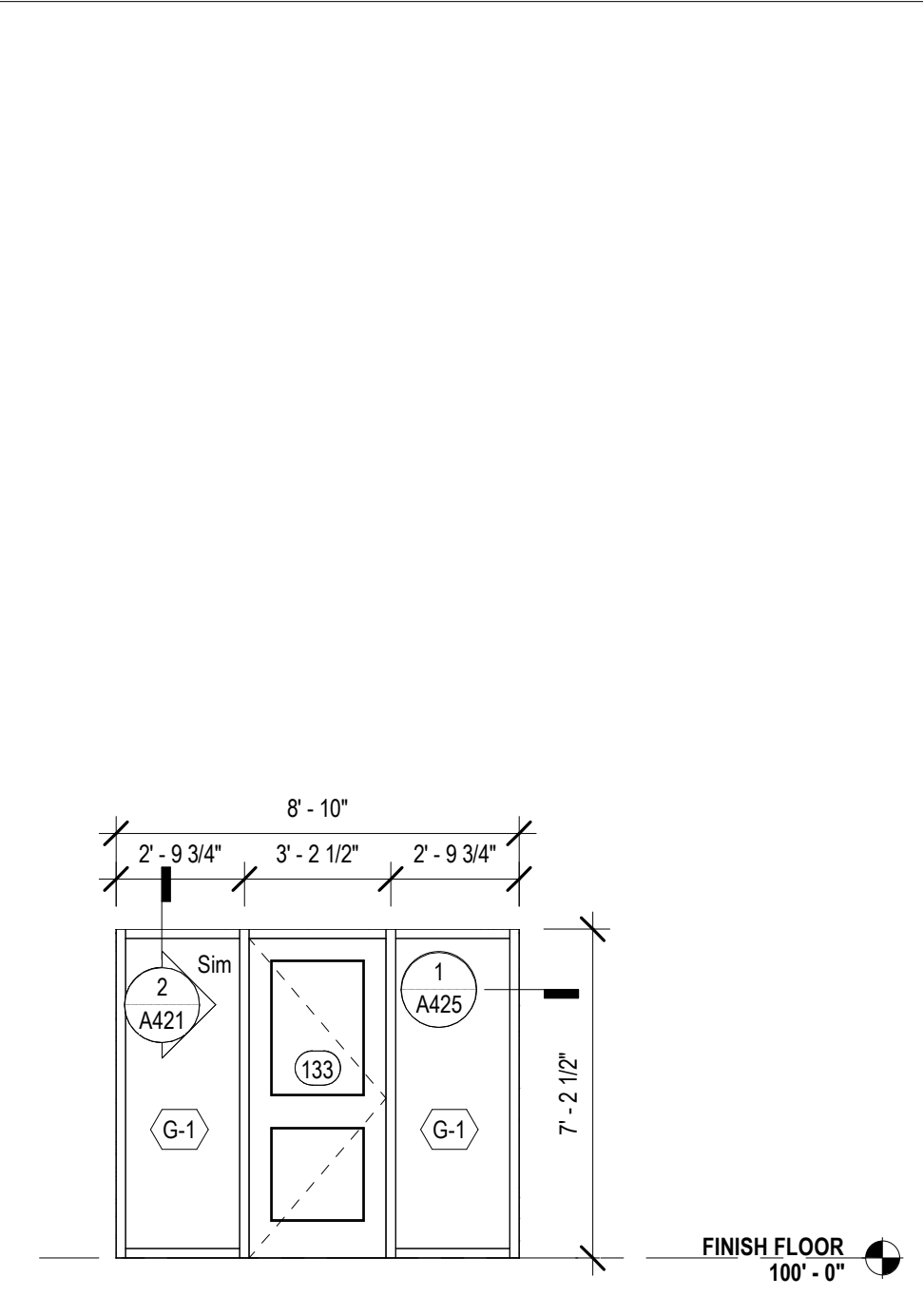
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|-------------|-----------|------------|------------|
| DESIGNED BY | MBA/ABM | CHECKED BY | AM/PP |
| DRAWN BY | MP/SC/ALB | DATE | 05.05.2023 |

SHEET TITLE
CURTAIN WALL OPENING ELEVATIONS

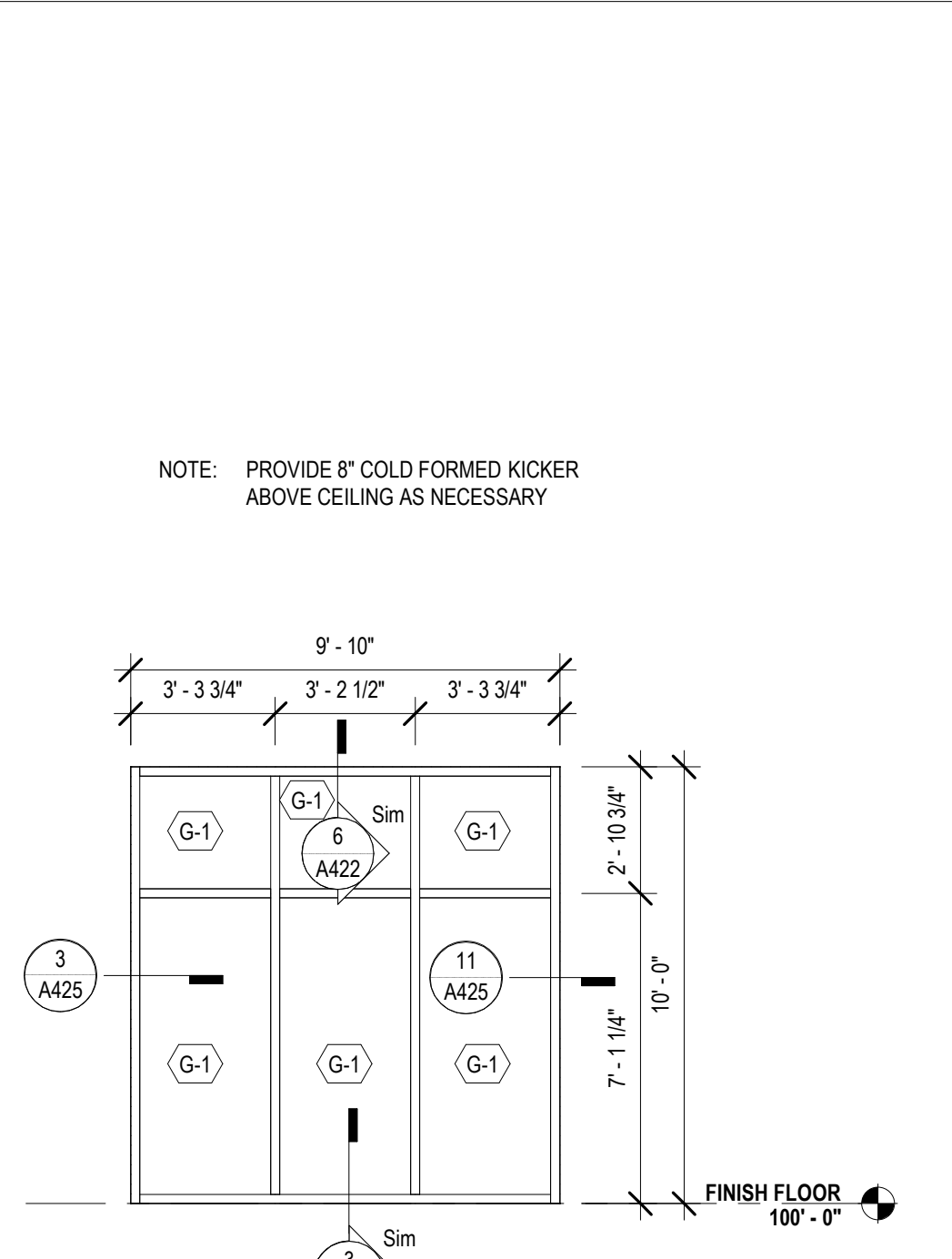
| | |
|--------------|-----------|
| PROJECT NO. | SHEET NO. |
| MBA - 11884 | A221 |
| ABM - 201813 | |

| GLAZED OPENING SCHEDULE | | | | | |
|-------------------------|---------------------|--------------|---------------|---------------------|----------------------------|
| MARK | OPENING TYPE | GLAZING TYPE | FRAME DETAILS | | |
| | | | HEAD | JAMB | SILL |
| CW-A | CURTAIN WALL | | 3 / A421 SIM | 12 / A425 | 3 / A421 SIM, 3 / A423 SIM |
| CW-B | CURTAIN WALL | | 4 / A421 | 2 / A426 | 1 / A421 |
| CW-C | CURTAIN WALL | | 3 / A421 | 3 / A423 SIM | |
| CW-D | CURTAIN WALL | | 05 / A423 SIM | 2 / A426 | 3 / A420 SIM |
| CW-E | CURTAIN WALL | | 4 / A420 | 1 / A426, 2 / A426 | 3 / A420 |
| CW-F | CURTAIN WALL | | 4 / A424 | 2 / A425 | 3 / A420 SIM |
| CW-G | CURTAIN WALL | | 6 / A423 | 9 / A425, 10 / A425 | 3 / A423 |
| CW-H | CURTAIN WALL | | 2 / A424 | 10 / A425 | 3 / A423 SIM |
| CW-K | CURTAIN WALL | | 2 / A421 | 1 / A425 | 1 / A421 SIM |
| CW-L | CURTAIN WALL | | 6 / A423 SIM | 9 / A425 | 3 / A423 SIM |
| CW-M | CURTAIN WALL | | 05 / A423 | 11 / A425 | 05 / A423, 3 / A423 SIM |
| CW-N | CURTAIN WALL | | 1 / A420 | 7 / A425 | 1 / A420 |
| CW-P | CURTAIN WALL | | 1 / A420 | 8 / A425 | 1 / A420 |
| ESF-A | EXTERIOR STOREFRONT | | 6 / A422 SIM | 5 / A425 | 2 / A210 |
| ESF-B | EXTERIOR STOREFRONT | | 6 / A422 | 5 / A425, 6 / A425 | 3 / A422 |
| ESF-C | EXTERIOR STOREFRONT | | 6 / A422 SIM | 6 / A425 SIM | 3 / A423 SIM |
| ESF-D | EXTERIOR STOREFRONT | | 6 / A422 SIM | 6 / A425 SIM | 3 / A422 SIM |
| ESF-E | EXTERIOR STOREFRONT | | 6 / A422 SIM | 6 / A425 SIM | 3 / A423 SIM |
| ESF-F | EXTERIOR STOREFRONT | | 2 / A420 SIM | 8 / A425 SIM | 1 / A420 SIM |
| ESF-G | EXTERIOR STOREFRONT | | 6 / A422 SIM | 6 / A425 | 3 / A423 SIM |
| ESF-H | EXTERIOR STOREFRONT | | 2 / A421 SIM | 1 / A425 | 3 / A423 SIM |
| ESF-I | EXTERIOR STOREFRONT | | 6 / A422 SIM | 11 / A425, 3 / A425 | 3 / A423 SIM |
| ESF-J | EXTERIOR STOREFRONT | | 1 / A424 | 9 / A425 SIM | 1 / A424 |
| ESF-K | EXTERIOR STOREFRONT | | 6 / A422 SIM | 6 / A425 SIM | 3 / A423 SIM |
| ESF-L | EXTERIOR STOREFRONT | | 6 / A422 SIM | 6 / A425 SIM | 3 / A423 SIM |

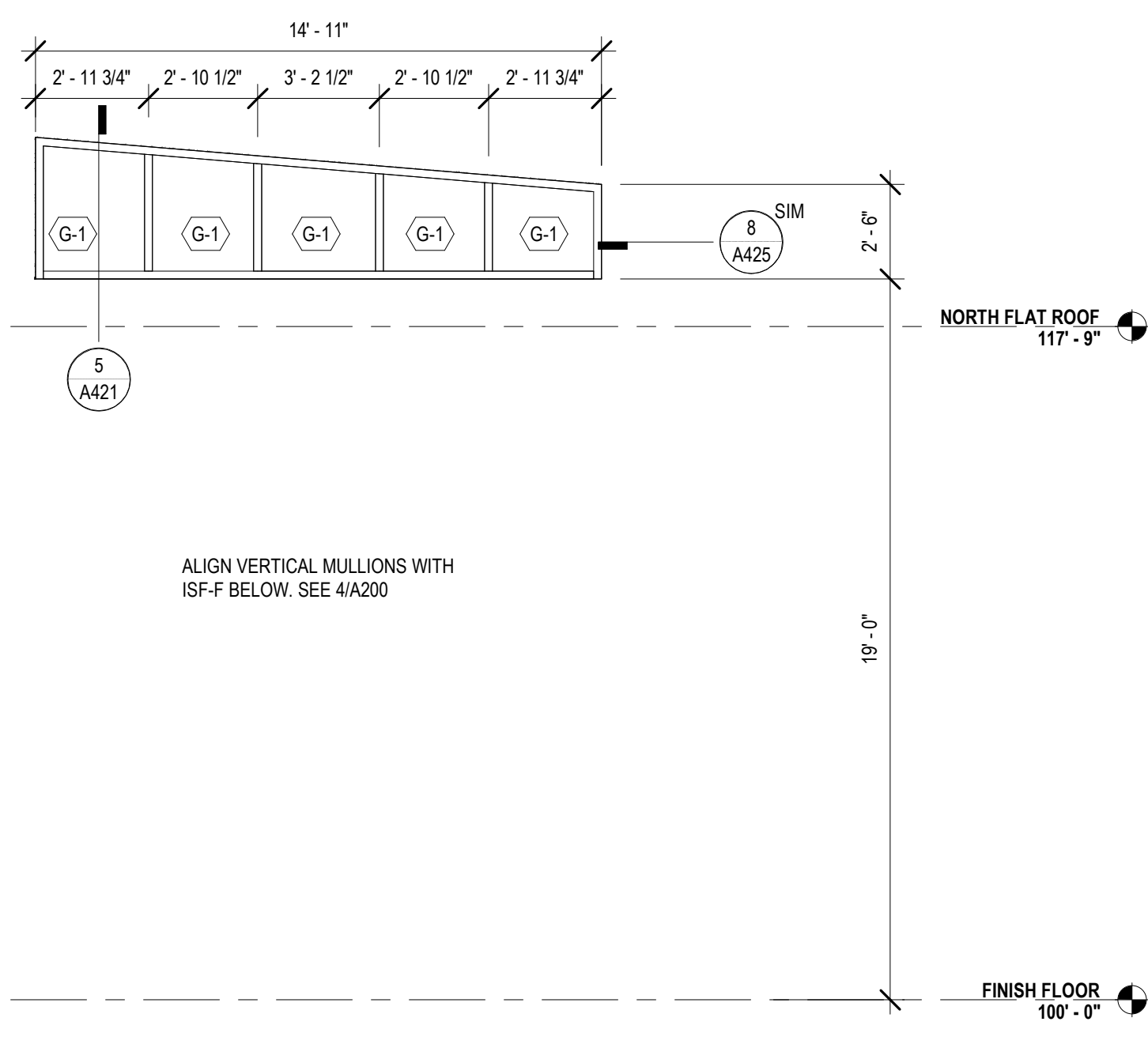
| MATERIALS KEYING/ GENERAL NOTES | |
|--|-----------|
| CURTAIN WALL SHEET DIRECTORY | |
| MARK | SHEET NO. |
| CW-A @ LOBBY N | A220 |
| CW-C @ LOBBY SOUTH | A220 |
| CW-M @ COLLECTION & SEATING EAST | A221 |
| ESF-K @ QUIET READING | A222 |
| CURTAIN WALL | |
| CW-A @ LOBBY NORTH - ALT 1 | |
| CW-B @ LOBBY EAST | A220 |
| CW-C @ LOBBY SOUTH - ALT 3 | |
| CW-D @ MULTI. EAST | A220 |
| CW-E @ MULTI-PURPOSE SOUTH | A220 |
| CW-F @ MULTI. WEST | A220 |
| CW-G @ CHILDRENS NORTH | A220 |
| CW-H @ SCREEN WALL @ COVERED PORCH | A221 |
| CW-K @ QUIET READING NORTH | A221 |
| CW-L @ COLLECTION & SEATING NORTH | A221 |
| CW-M @ COLLECTION & SEATING EAST ALT 2 | A221 |
| CW-N @ TEEN AREA | A221 |
| CW-P @ TEEN EAST | A221 |
| EXTERIOR STOREFRONT | |
| ESF-A @ MEET. EAST | A222 |
| ESF-B @ MEETING ROOM SOUTH | A222 |
| ESF-C @ STAFF LOUNGE SOUTH | A222 |
| ESF-D @ STAFF WORKROOM WEST | A222 |
| ESF-E @ STAFF WK. SOUTH | A222 |
| ESF-F @ CHLD. PROGRAM | A222 |
| ESF-G | A222 |
| ESF-H @ COVERED PORCH | A222 |
| ESF-I @ GROUP STUDY NORTH | A222 |
| ESF-L @ HVAC 3 | A222 |
| INTERIOR STOREFRONT | |
| ICW-A | A200 |
| ICW-B | A200 |
| ISF-C / ISF-D | A200 |
| ISF-D | |
| ISF-F / ESF-K | A200 |
| ISF-G | A200 |



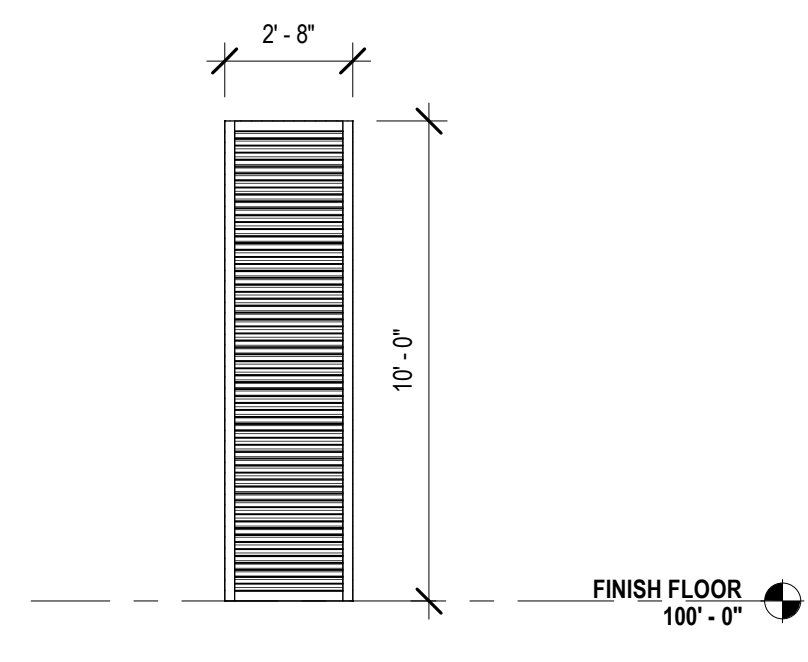
8 ESF-H @ COVERED PORCH
A222 1/4" = 1'-0"



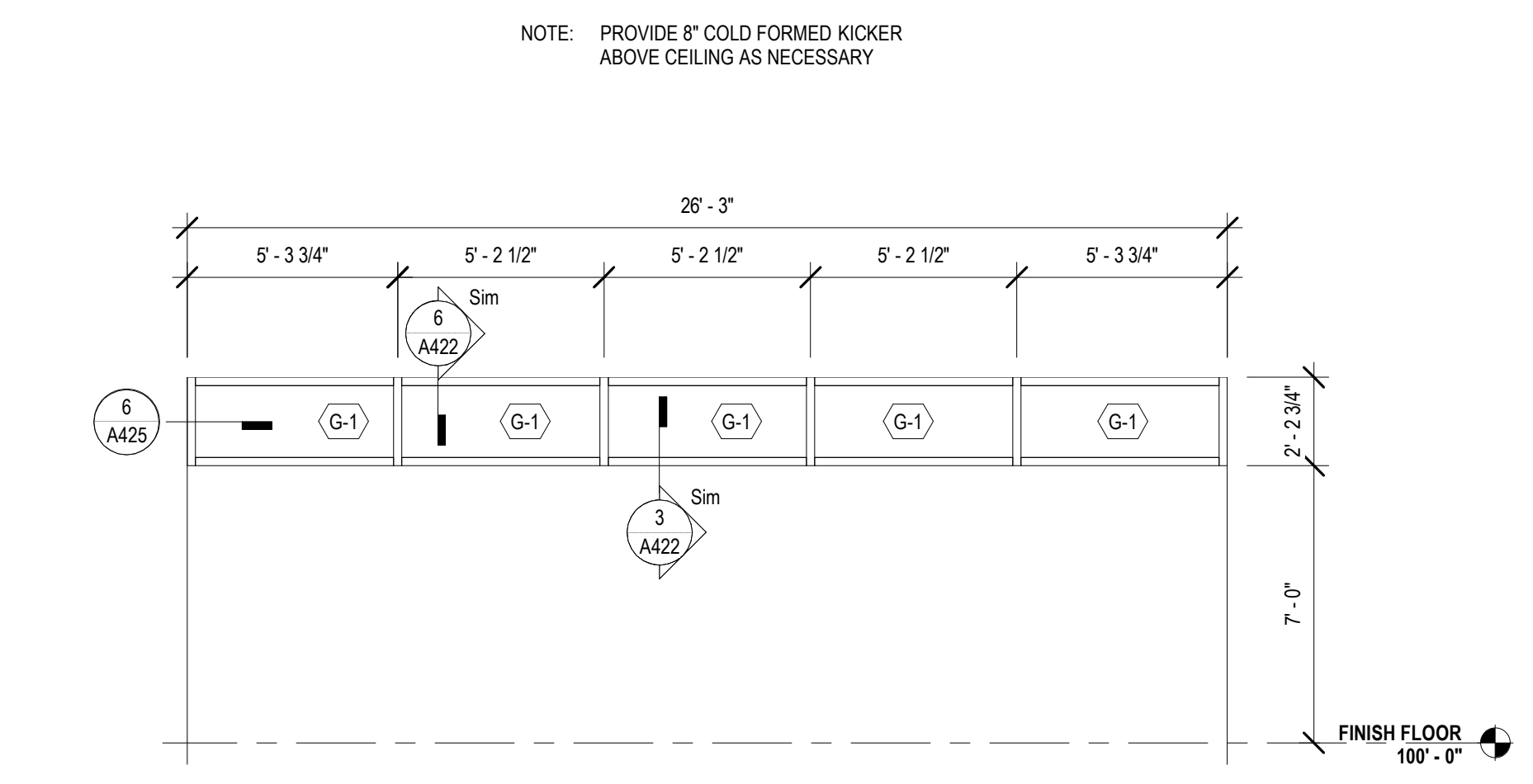
9 ESF-J @ GROUP STUDY NORTH
A222 1/4" = 1'-0"



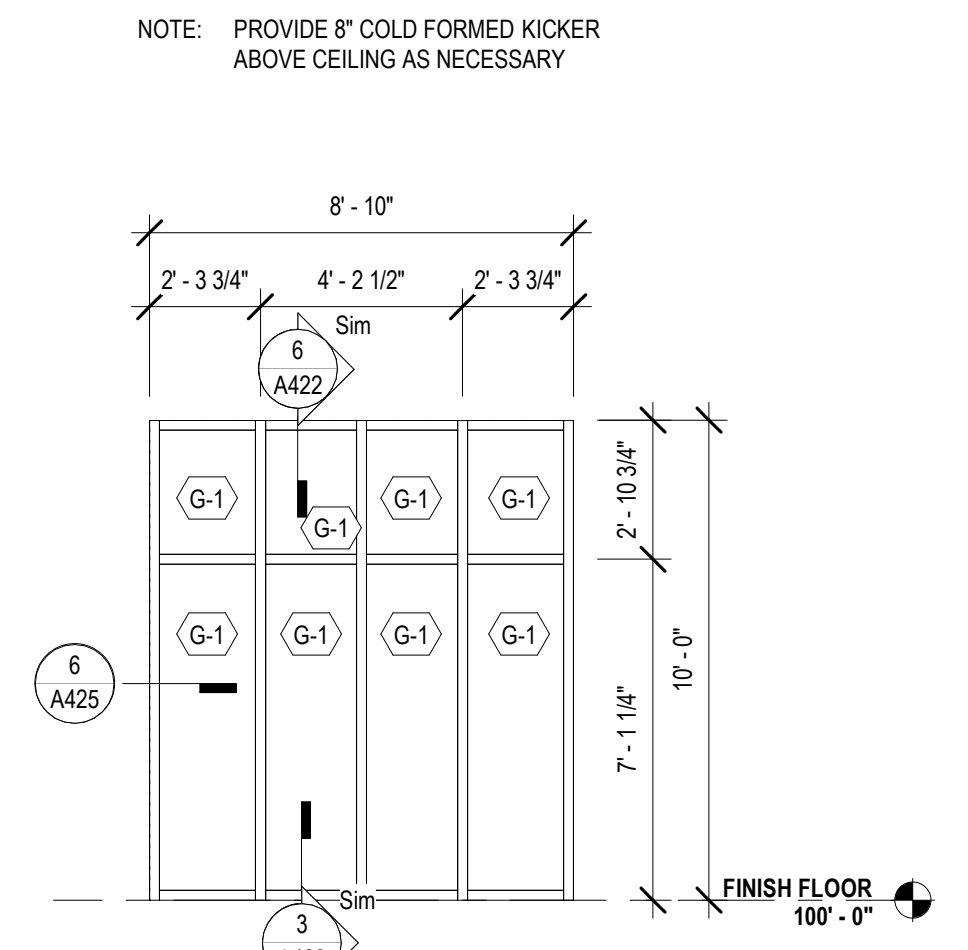
10 ESF-K @ QUIET READING
A222 1/4" = 1'-0"



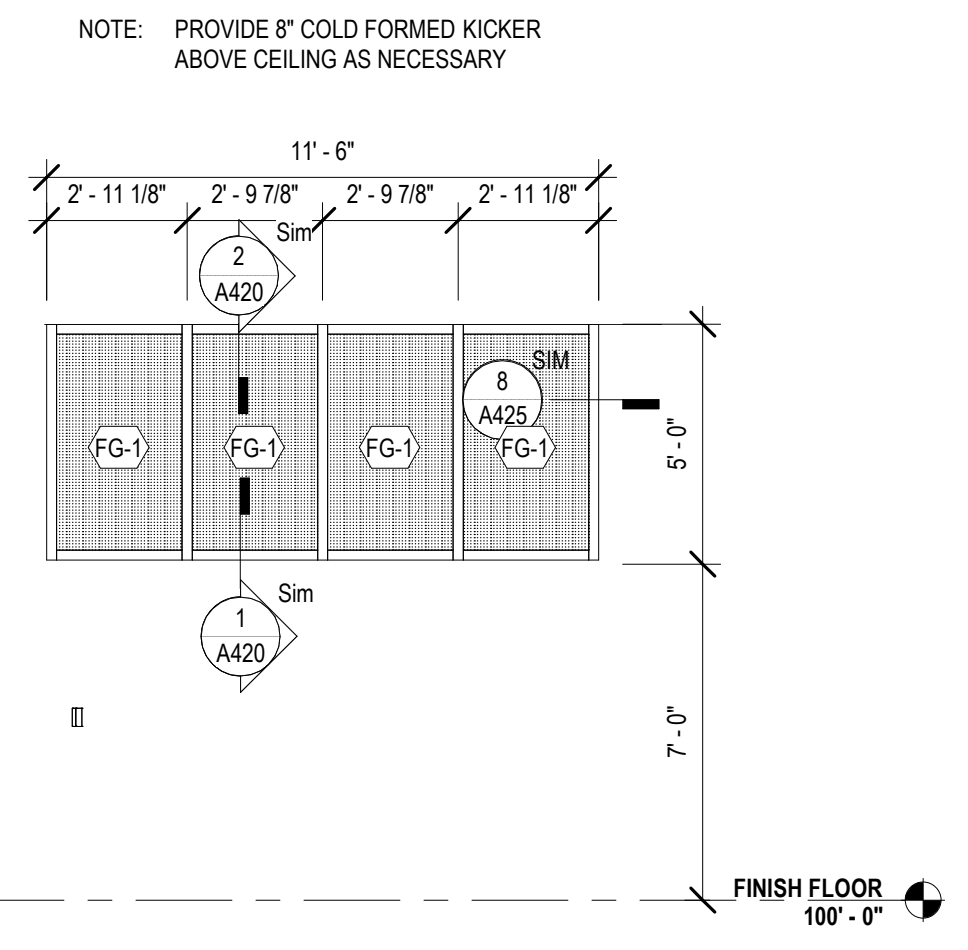
11 ESF-L @ HVAC 3
A222 1/4" = 1'-0"



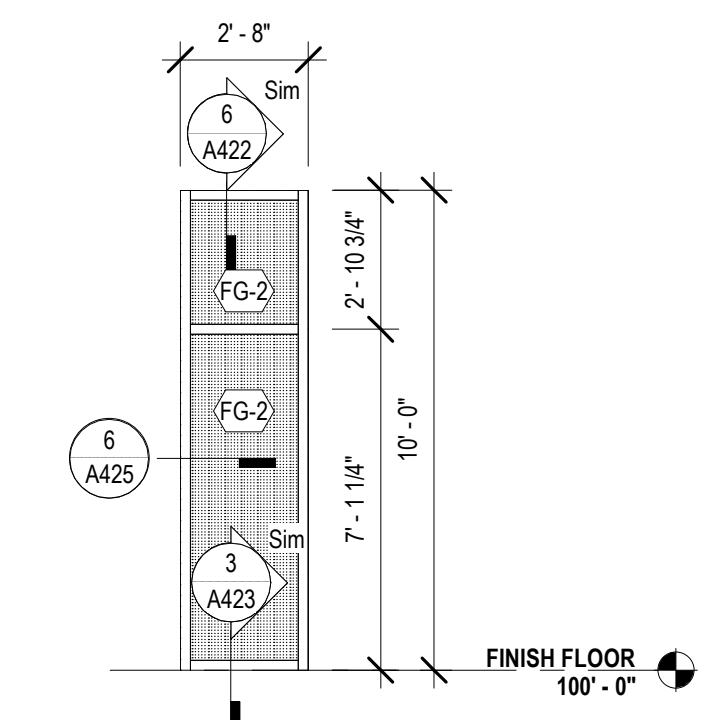
4 ESF-D @ STAFF WORKROOM WEST
A222 1/4" = 1'-0"



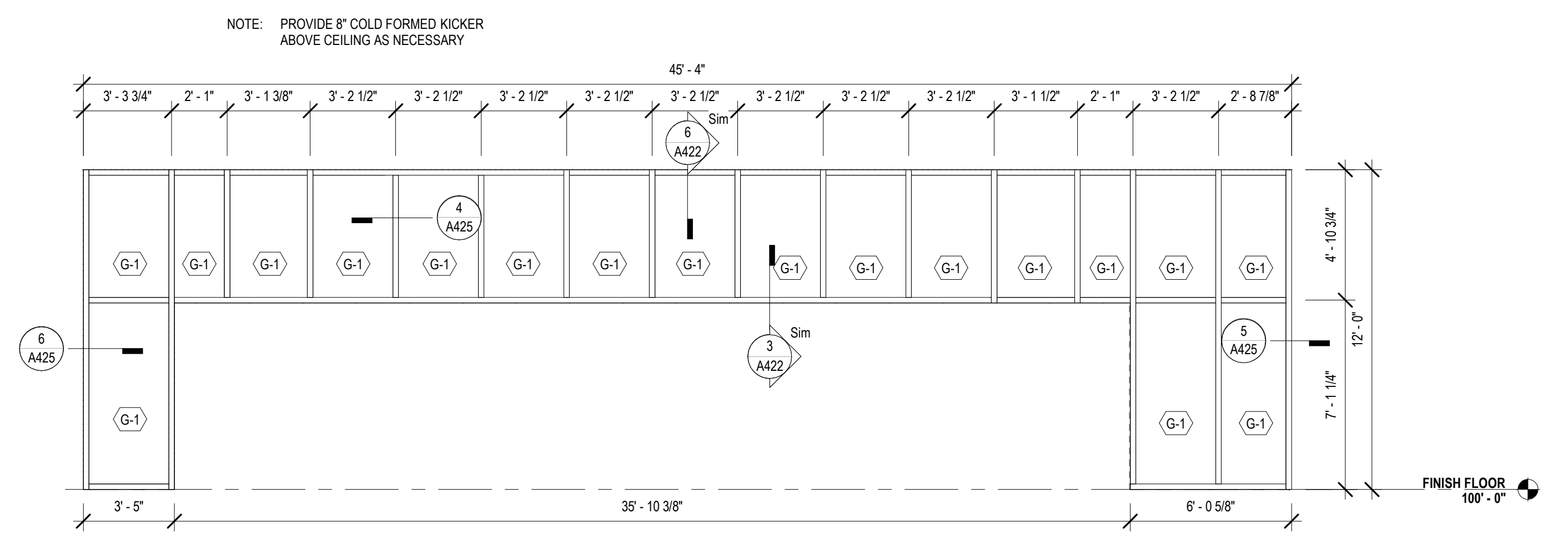
5 ESF-E @ STAFF WK. SOUTH
A222 1/4" = 1'-0"



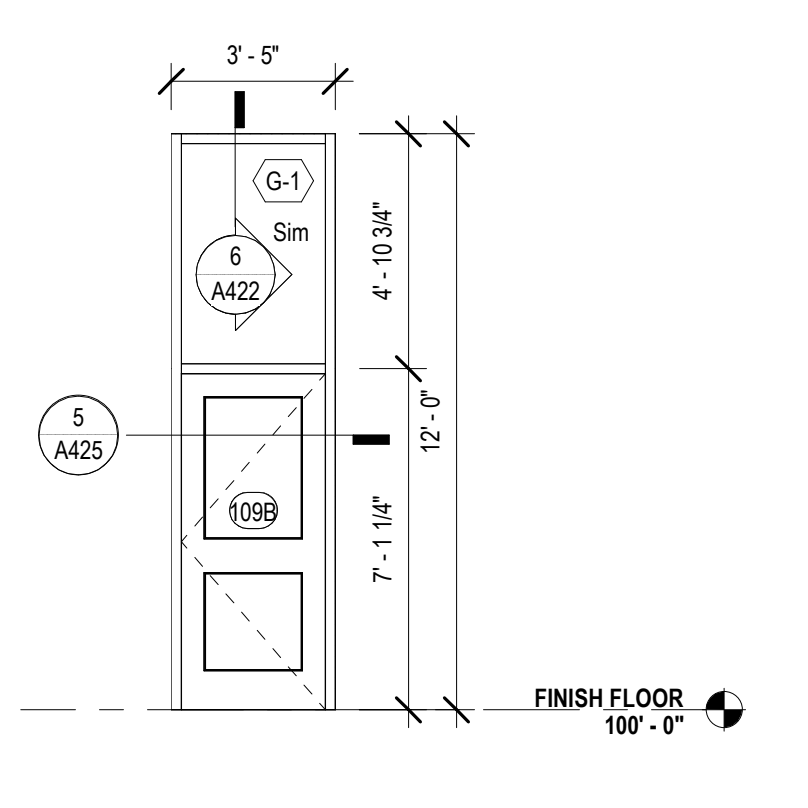
6 ESF-F @ CHLD. PROGRAM.
A222 1/4" = 1'-0"



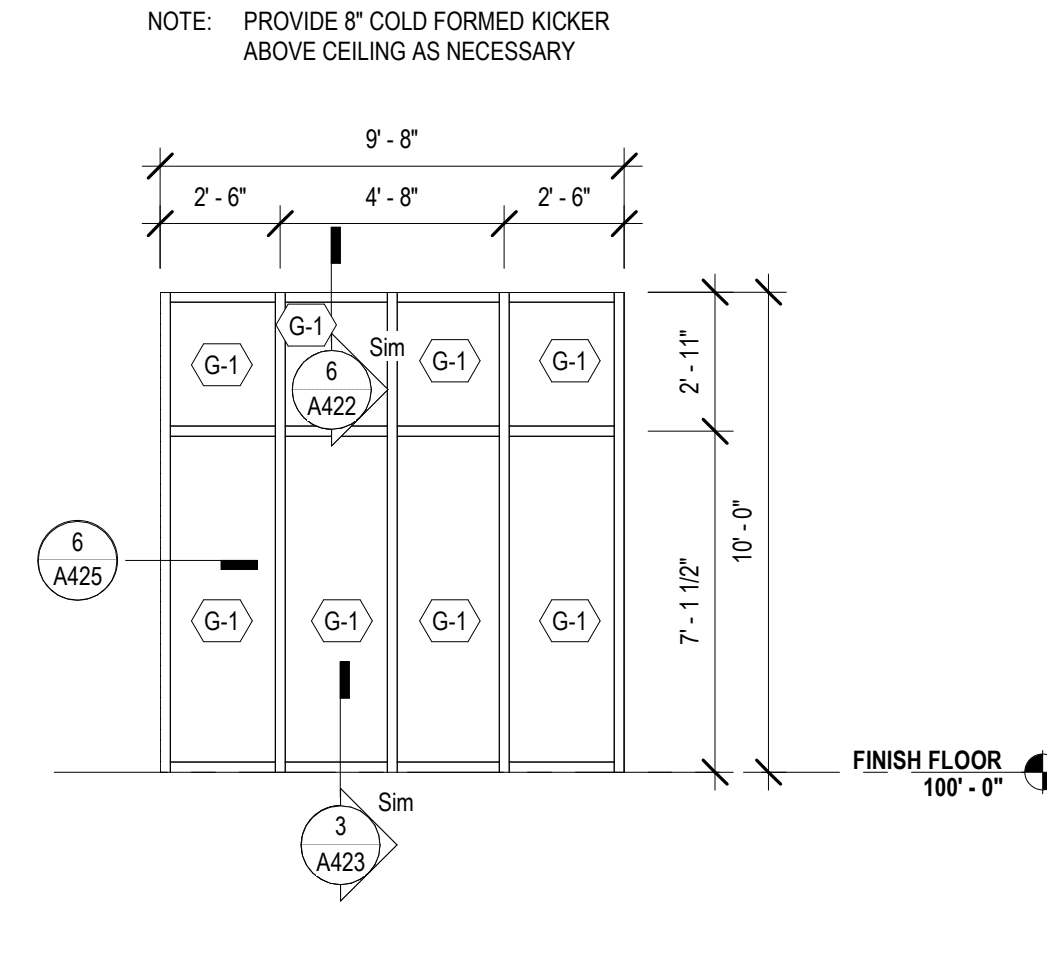
7 ESF-G
A222 1/4" = 1'-0"



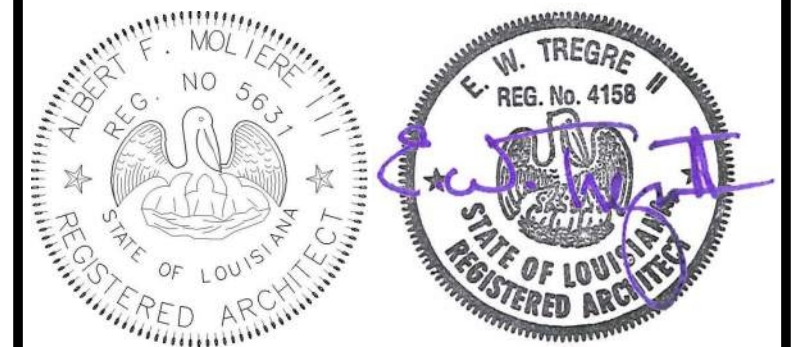
1A ESF-B @ MEETING ROOM SOUTH
A222 1/4" = 1'-0"



2 ESF-A @ MEET. EAST
A222 1/4" = 1'-0"



3 ESF-C @ STAFF LOUNGE SOUTH
A222 1/4" = 1'-0"



| No. | Description | Date |
|-----|-------------|------|
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| | | |
| | | |

KEY PLAN



Mathes Brierre + MBM
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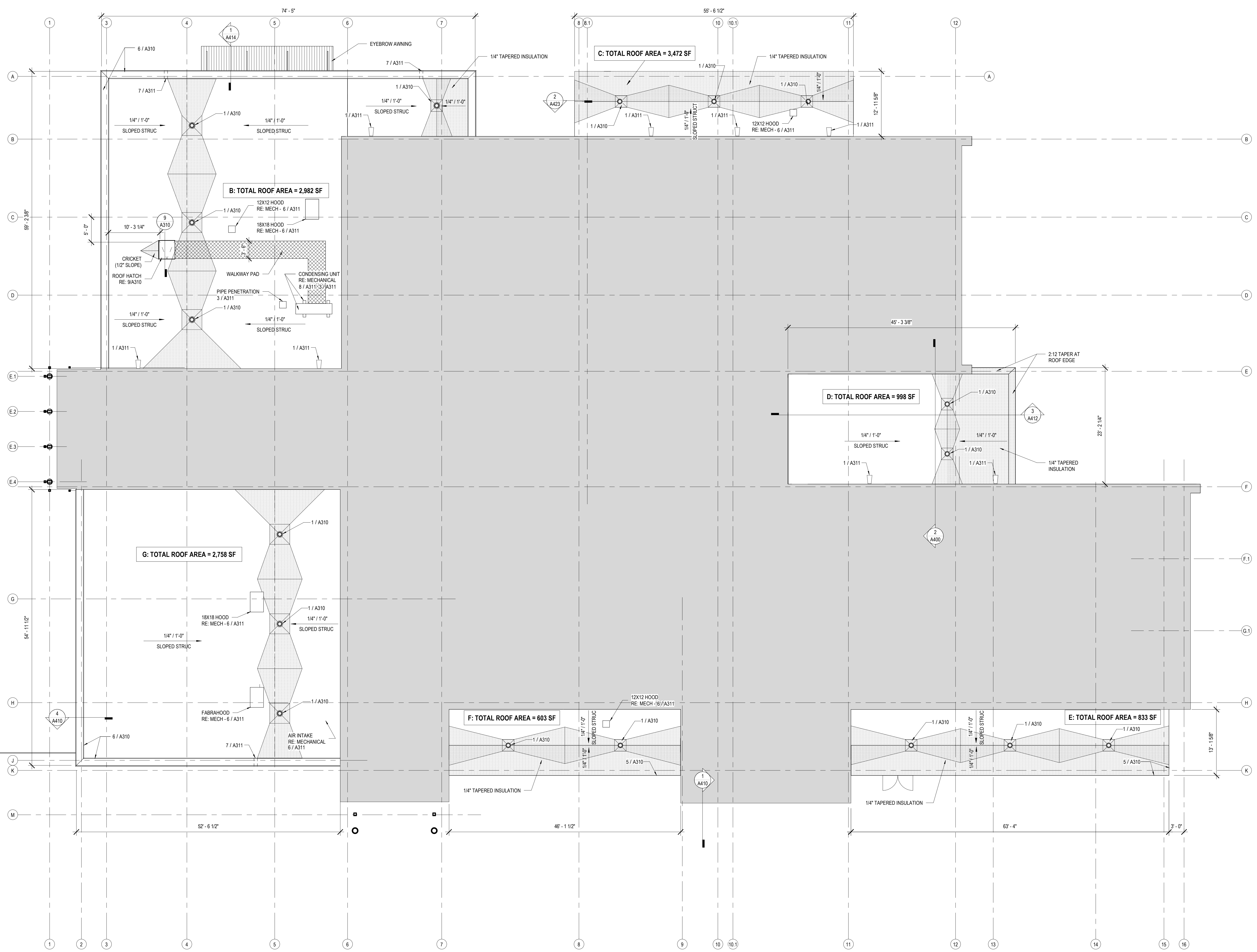
PROJECT TITLE

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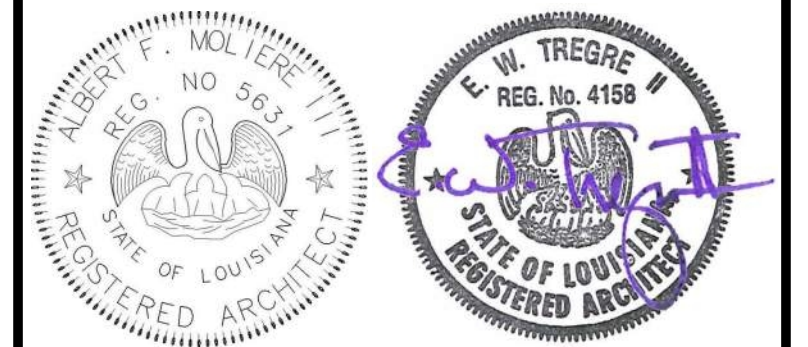
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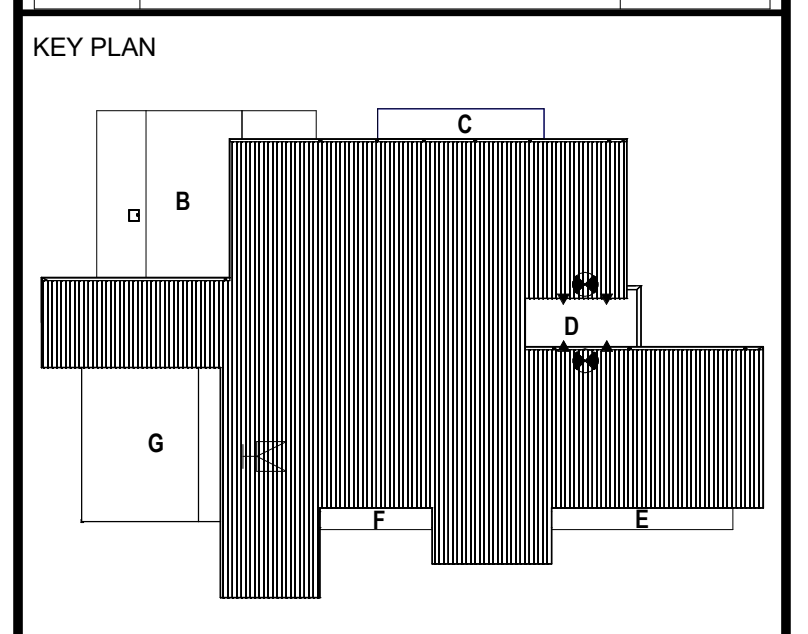
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|-------------------------------|--------------|------------|------------|
| DESIGNED BY | MBA/ABM | CHECKED BY | AM/PP |
| DRAWN BY | MP/SC/ALB | DATE | 05.05.2023 |
| SHEET TITLE | | | |
| STOREFRONT OPENING ELEVATIONS | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | A222 |
| | ABM - 201813 | | |



1 LOW ROOF
A301 1/8" = 1'-0"



| No. | Description | Date |
|-----|-------------|----------|
| 1 | Addendum 1 | 05/25/23 |



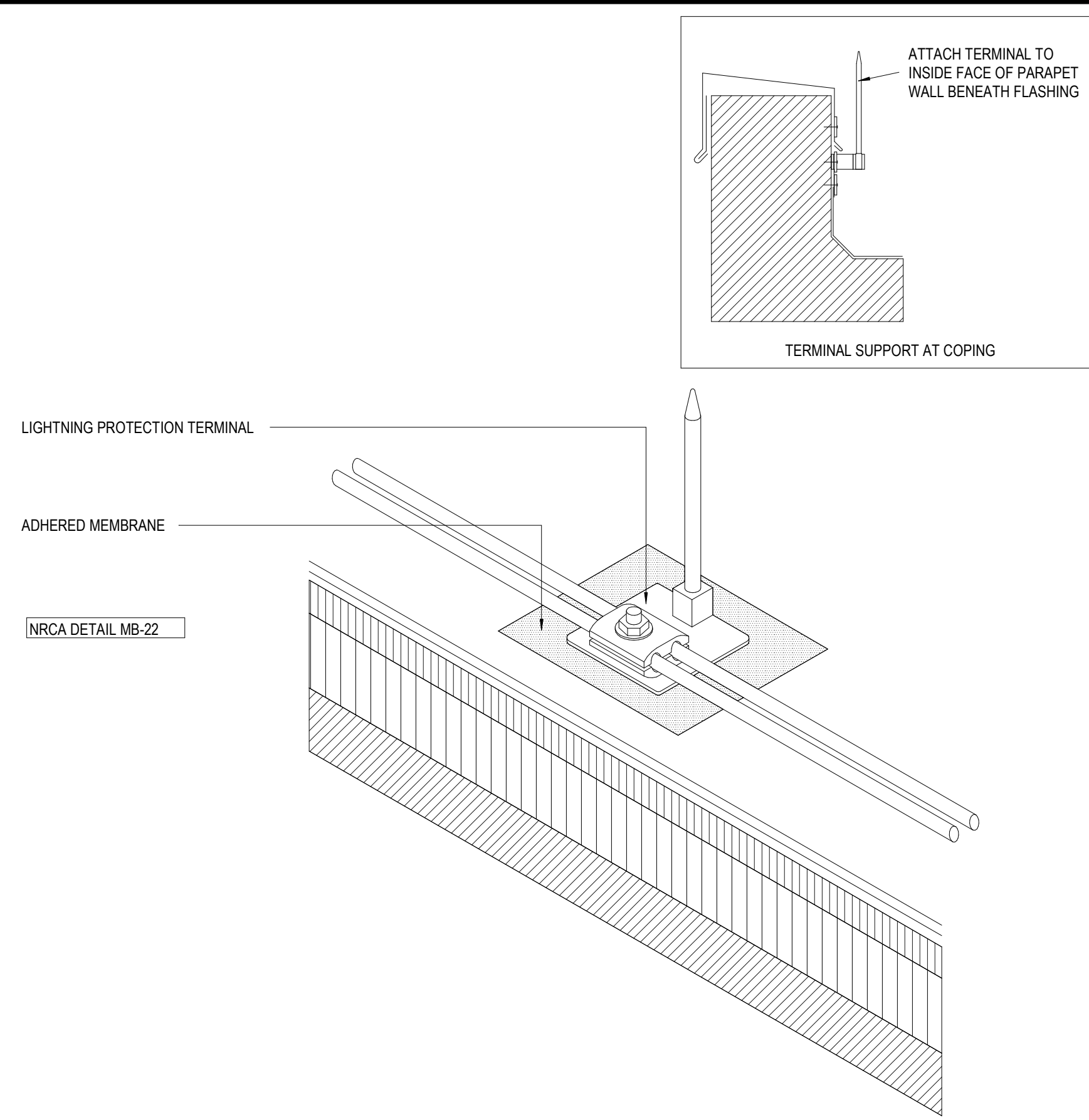
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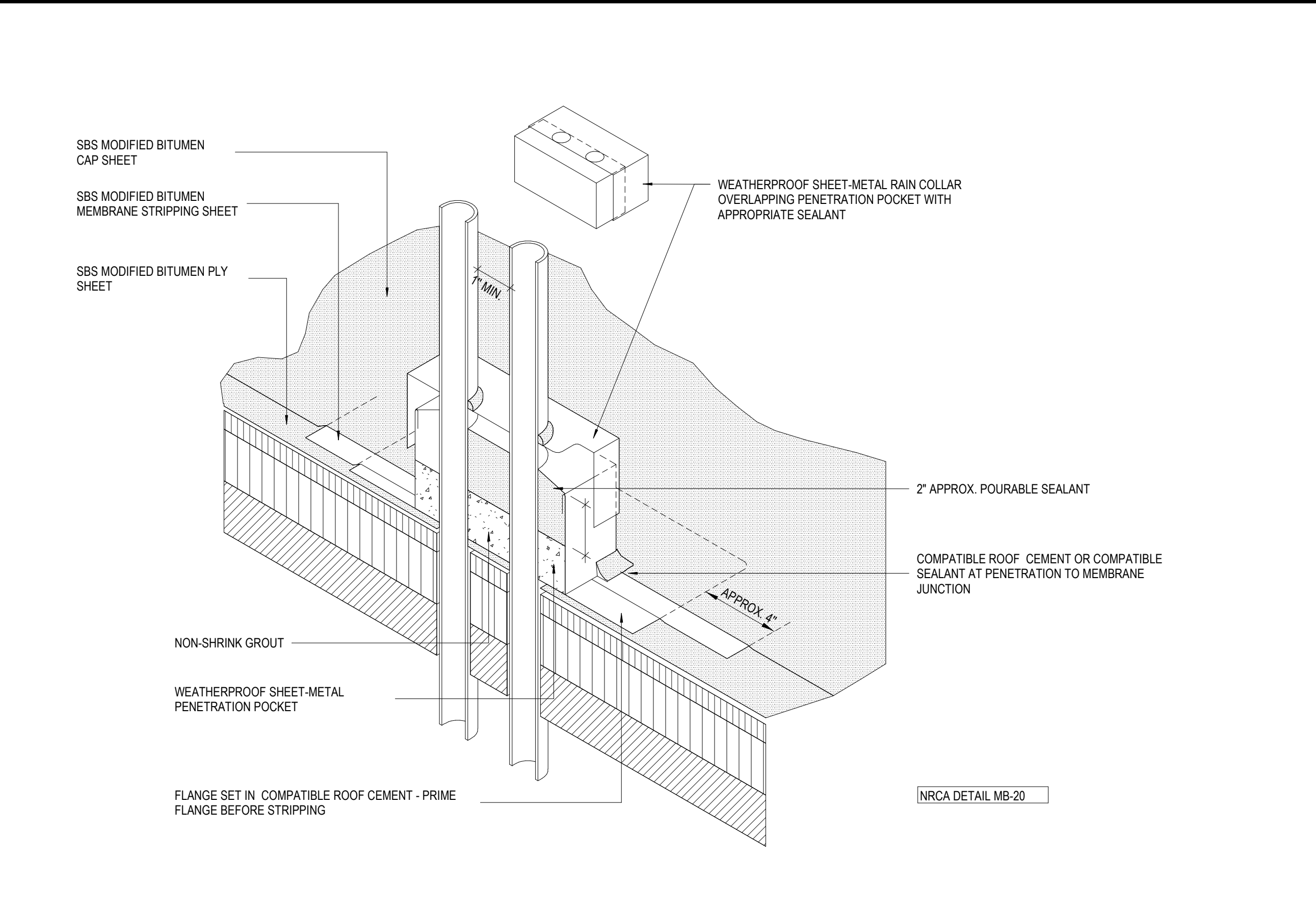
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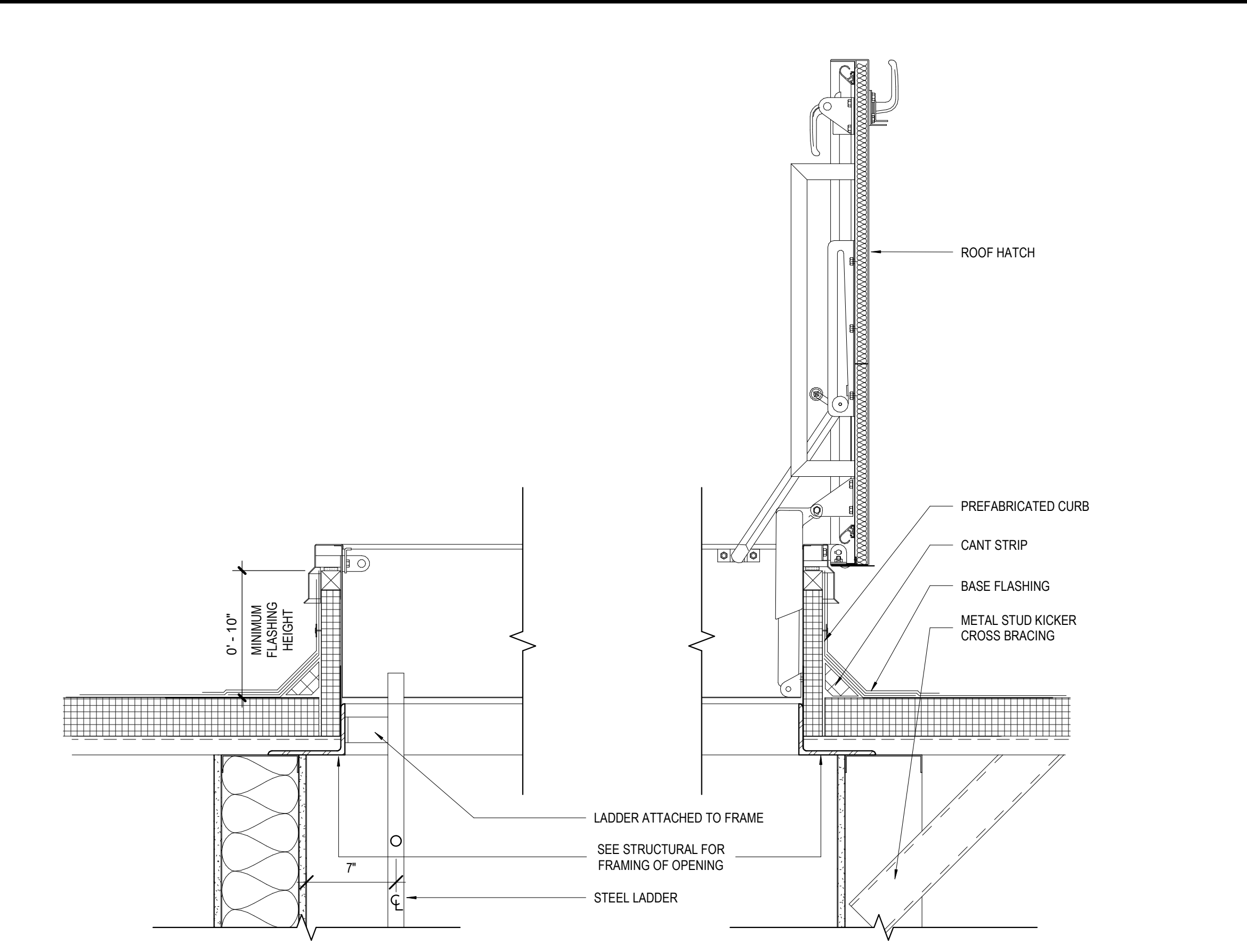
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| DESIGNED BY | MBA/ABM | CHECKED BY | AM/PP |
| DRAWN BY | MP/SC/ALB | DATE | 05.05.2023 |
| SHEET TITLE LOW ROOF PLAN | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | A301 |
| | ABM - 201813 | | |



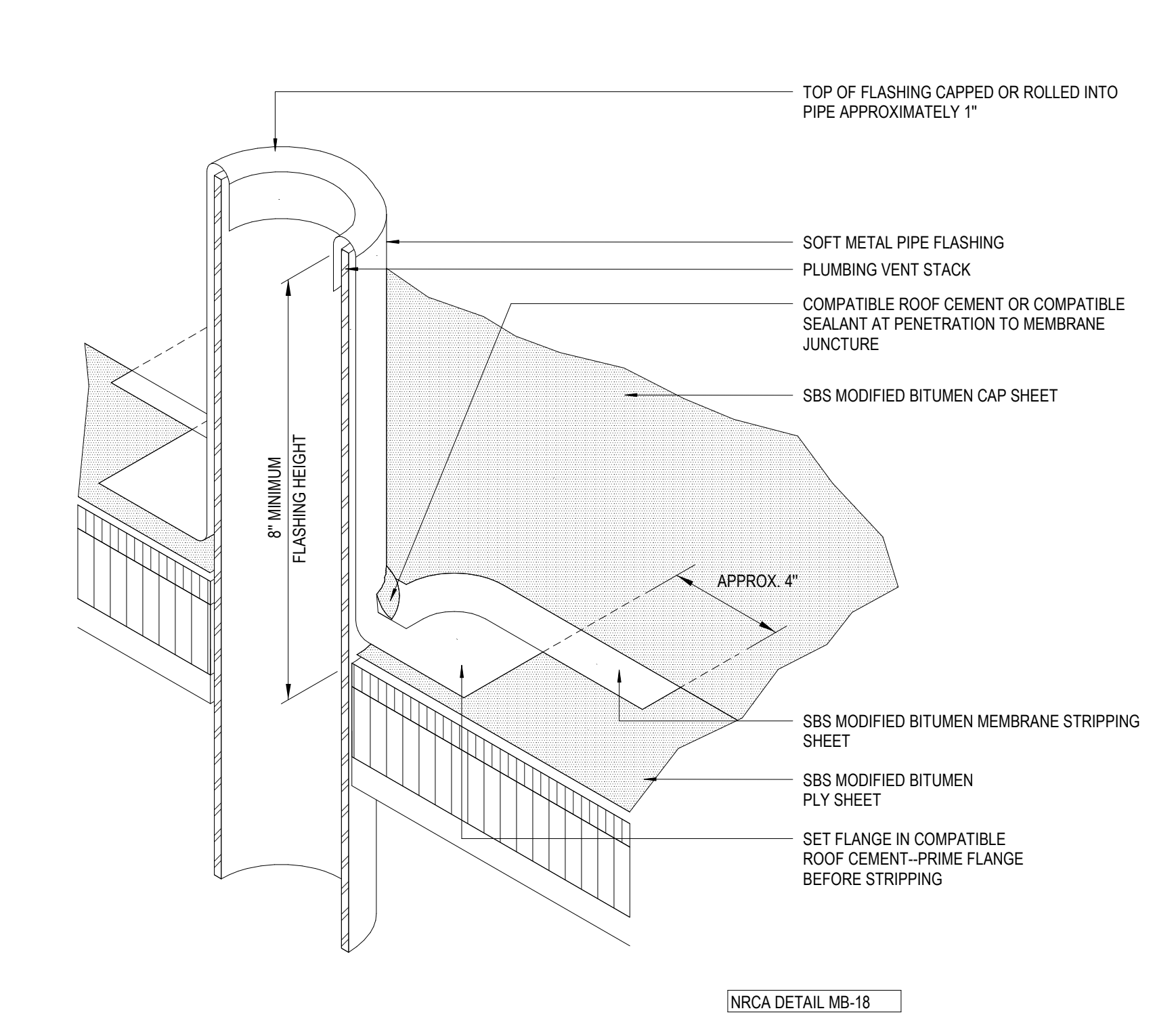
7 PICTORIAL VIEW AT LIGHTNING PROTECTION
A310 1" = 1'-0"



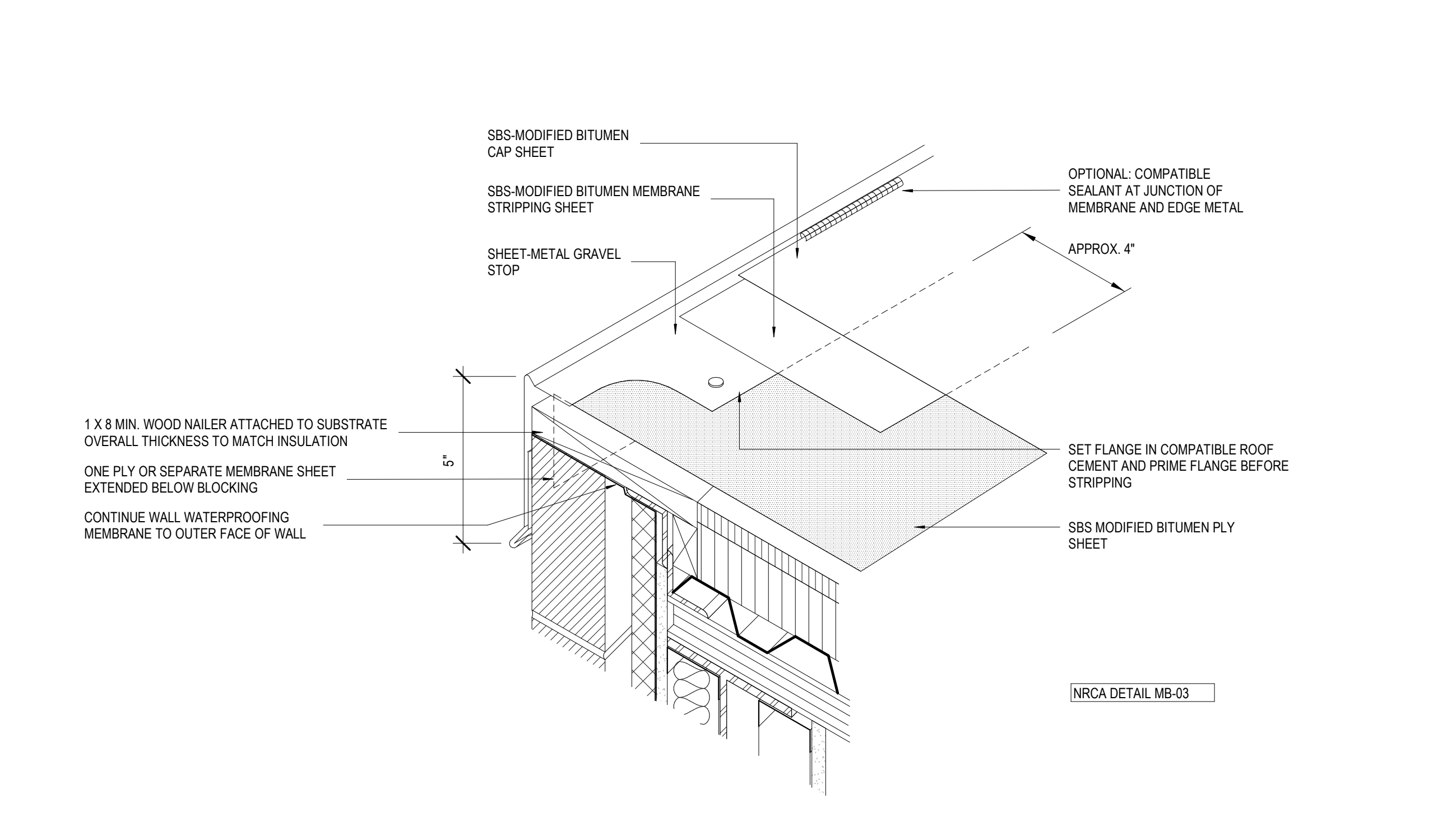
8 PICTORIAL VIEW AT PENETRATION POCKET
A310 1" = 1'-0"



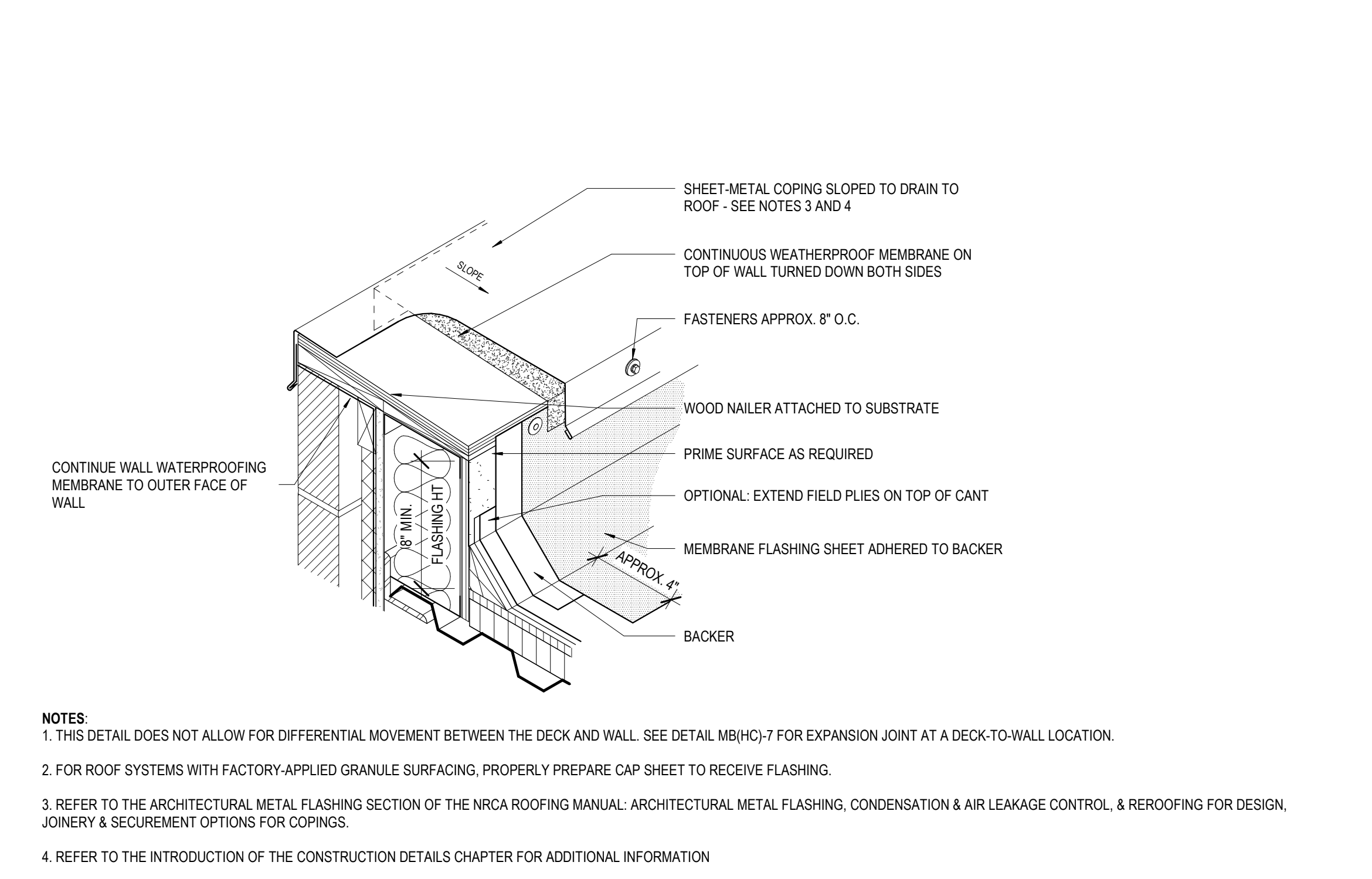
9 ROOF HATCH DETAIL
A310 1 1/2" = 1'-0"



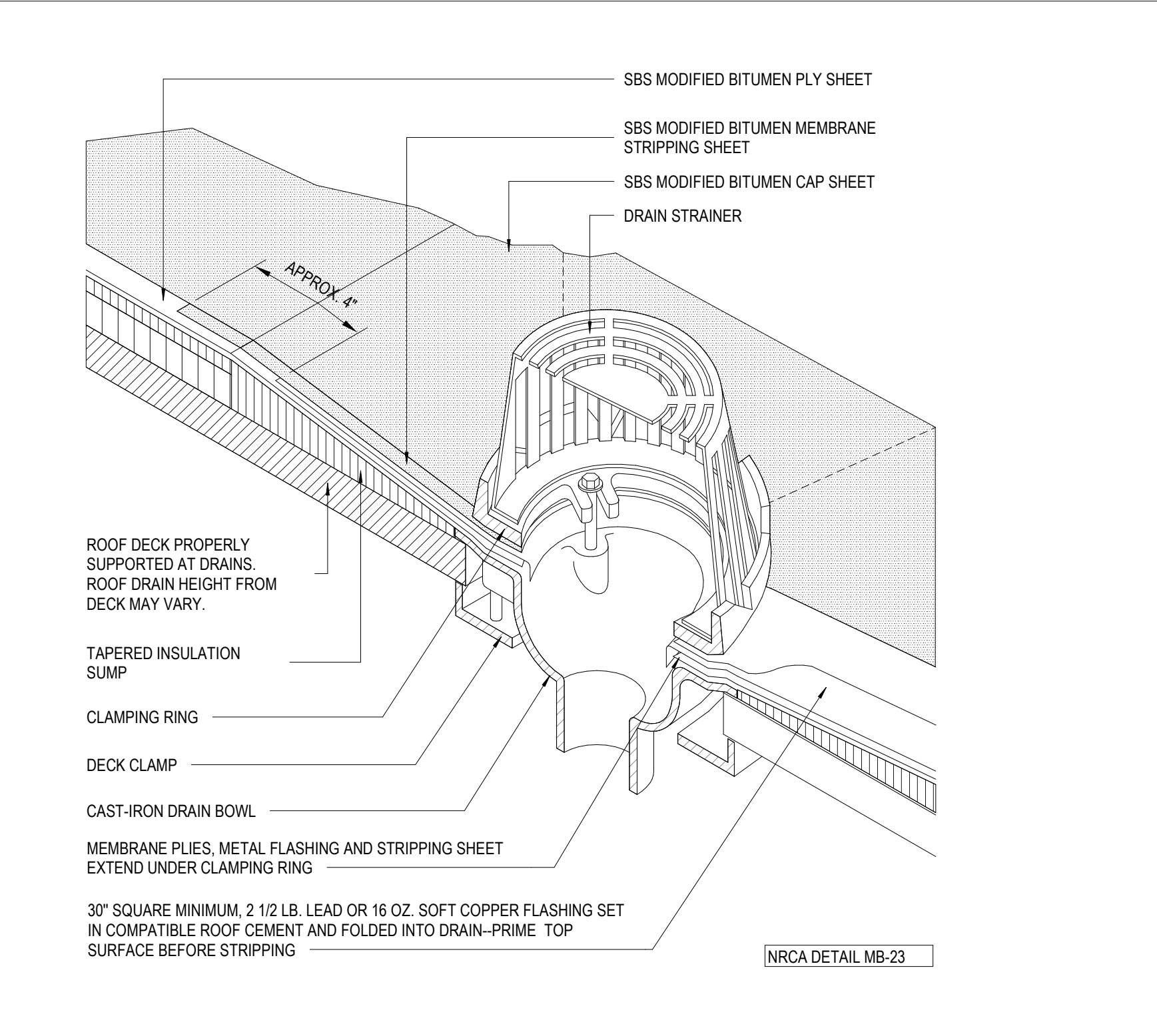
4 PICTORIAL VIEW AT PLUMBING VENT
A310 1" = 1'-0"



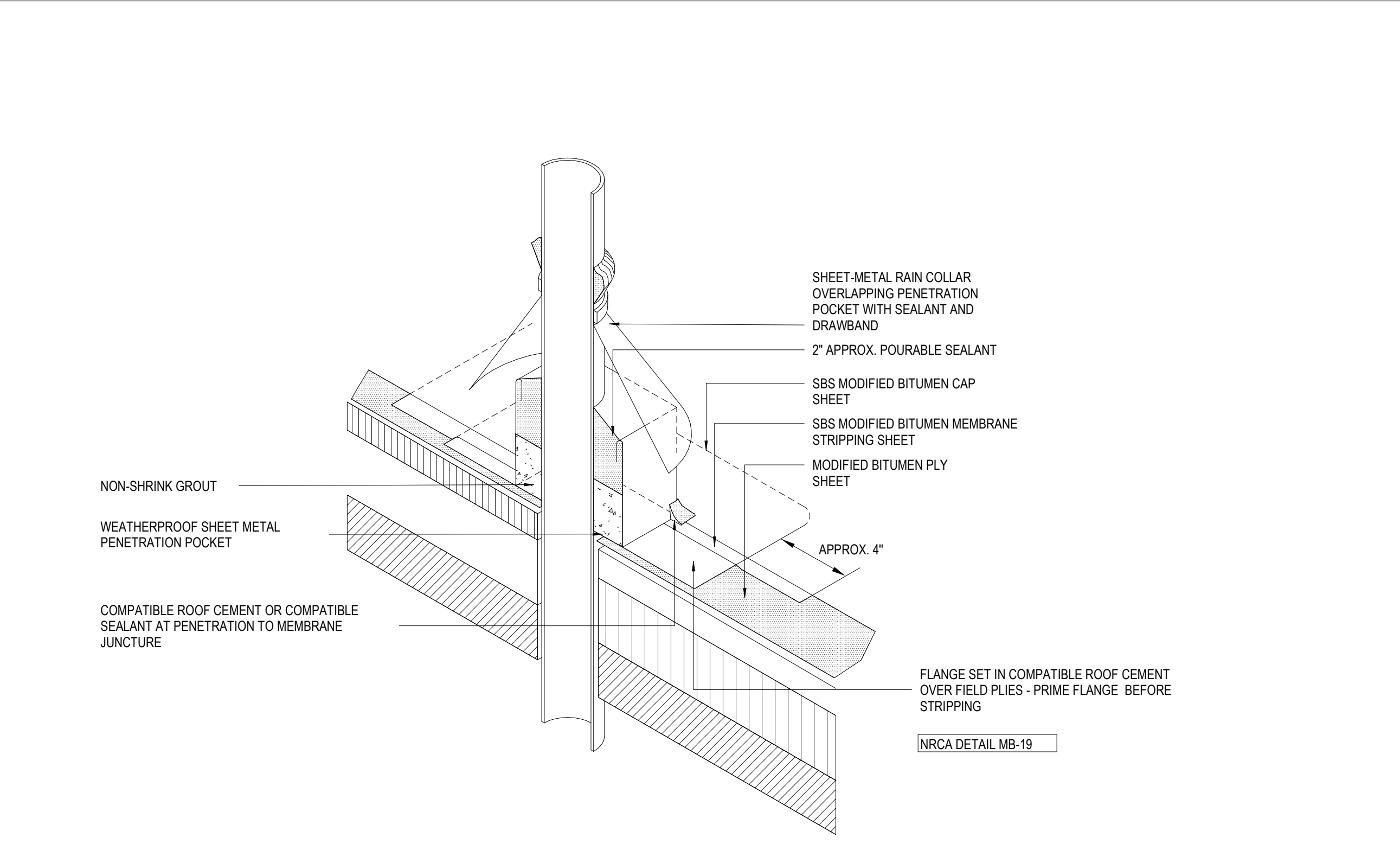
5 PICTORIAL VIEW AT EMBEDDED EDGE
A310 1" = 1'-0"



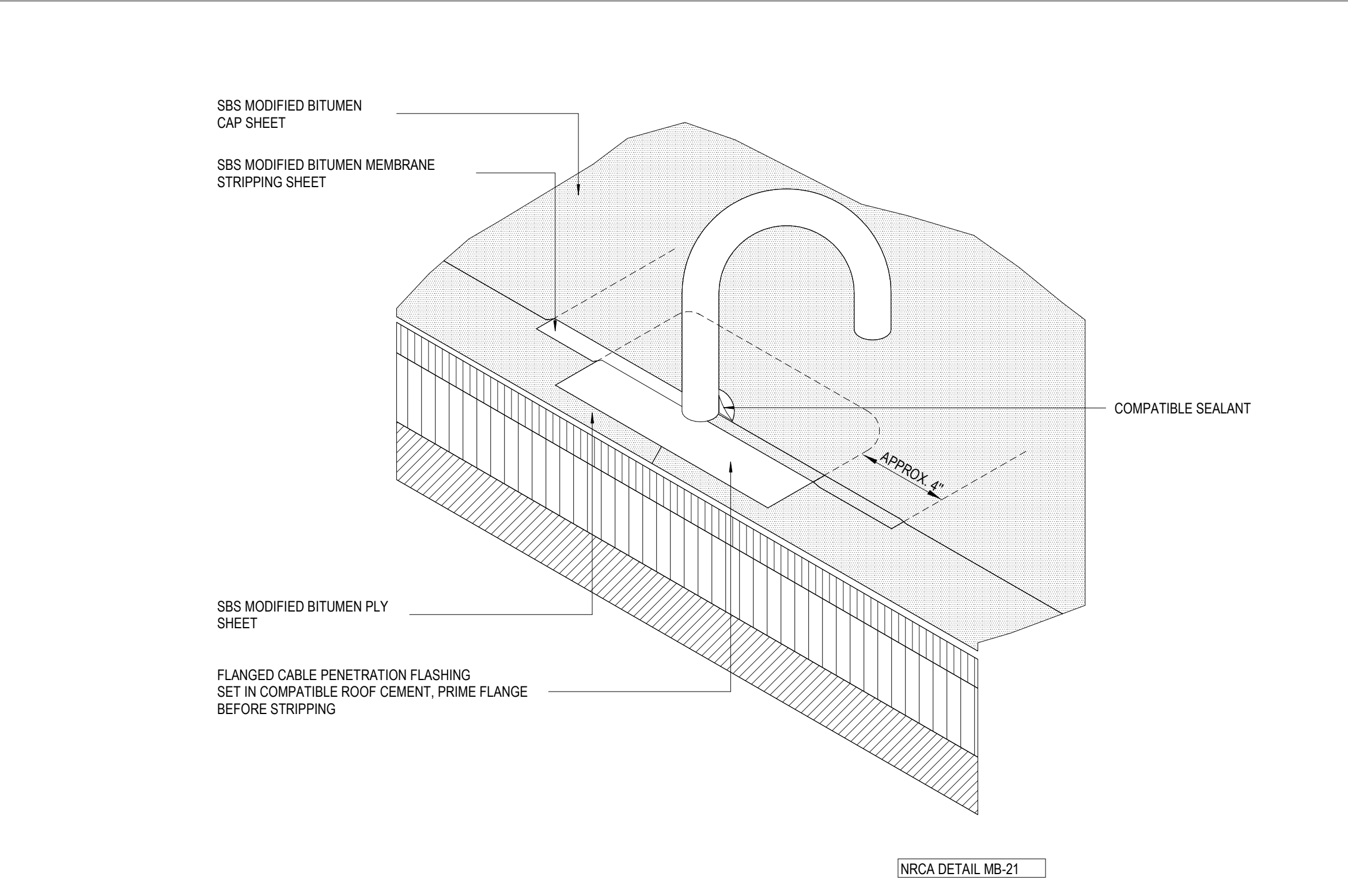
6 PICTORIAL VIEW AT PARAPET
A310 1" = 1'-0"



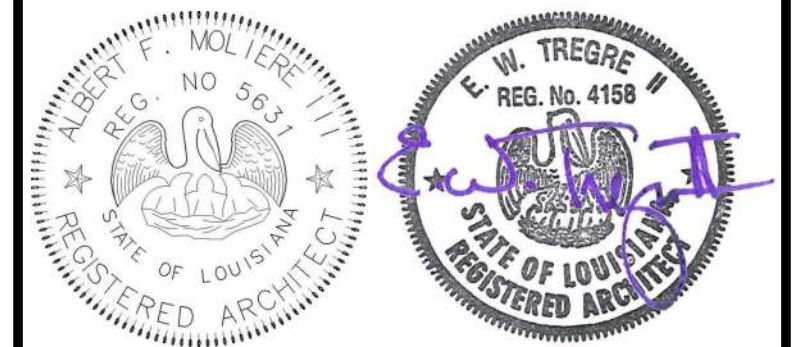
1 PICTORIAL VIEW AT ROOF DRAIN
A310 1" = 1'-0"



2 PICTORIAL VIEW AT PENETRATION POCKET
A310 1" = 1'-0"



3 PICTORIAL VIEW AT CABLE PENETRATION
A310 1" = 1'-0"



| No. | Description | Date |
|-----|-------------|------|
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KEY PLAN

NOTES:
 1. THIS DETAIL DOES NOT ALLOW FOR DIFFERENTIAL MOVEMENT BETWEEN THE DECK AND WALL. SEE DETAIL MB(HC)-7 FOR EXPANSION JOINT AT A DECK-TO-WALL LOCATION.
 2. FOR ROOF SYSTEMS WITH FACTORY-APPLIED GRANULE SURFACING, PROPERLY PREPARE CAP SHEET TO RECEIVE FLASHING.
 3. REFER TO THE ARCHITECTURAL METAL FLASHING SECTION OF THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING, CONDENSATION & AIR LEAKAGE CONTROL, & REROOFING FOR DESIGN, JOINERY & SECUREMENT OPTIONS FOR COPINGS.
 4. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION

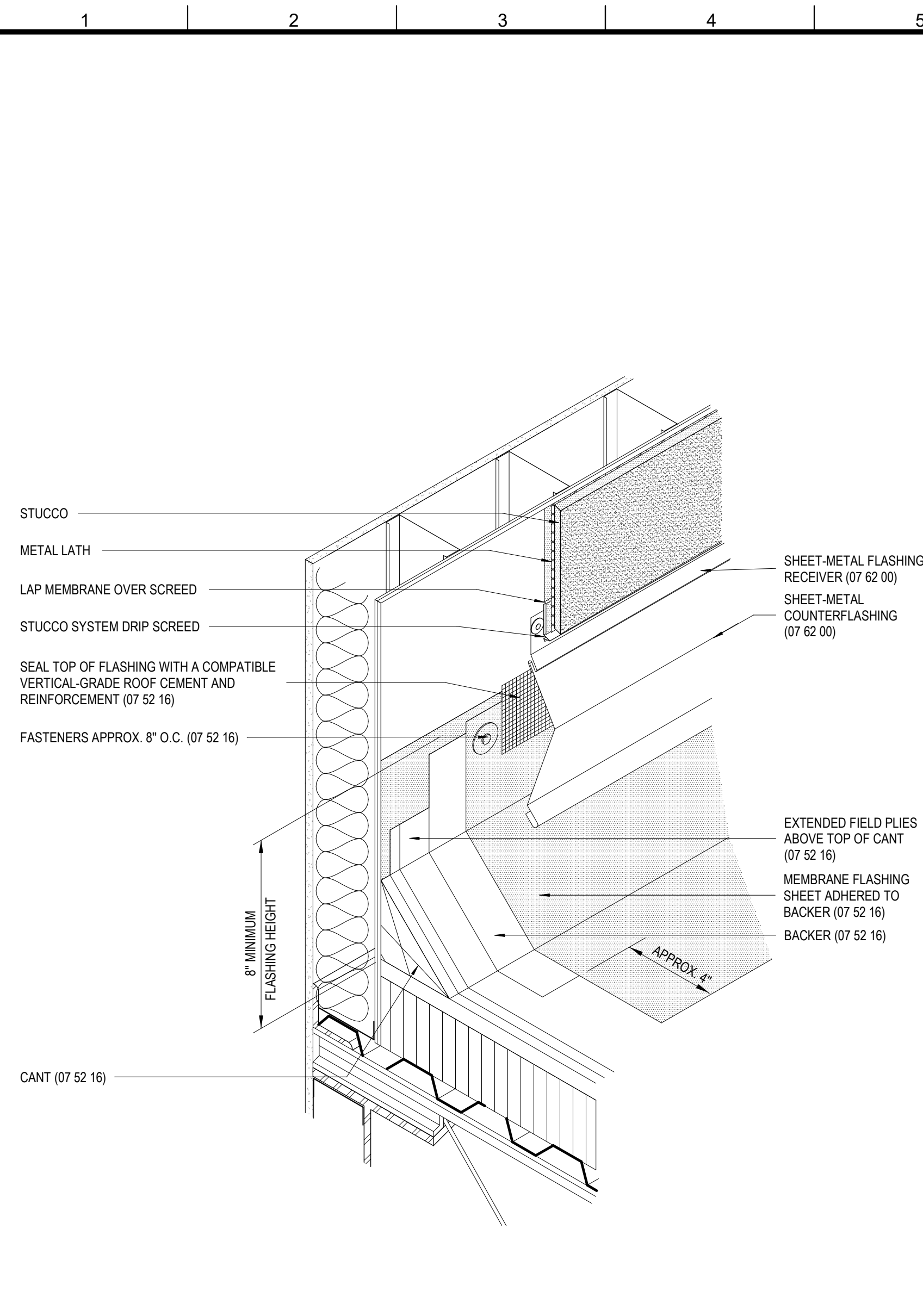
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 Lafayette, Louisiana 70503
 337.233.0614

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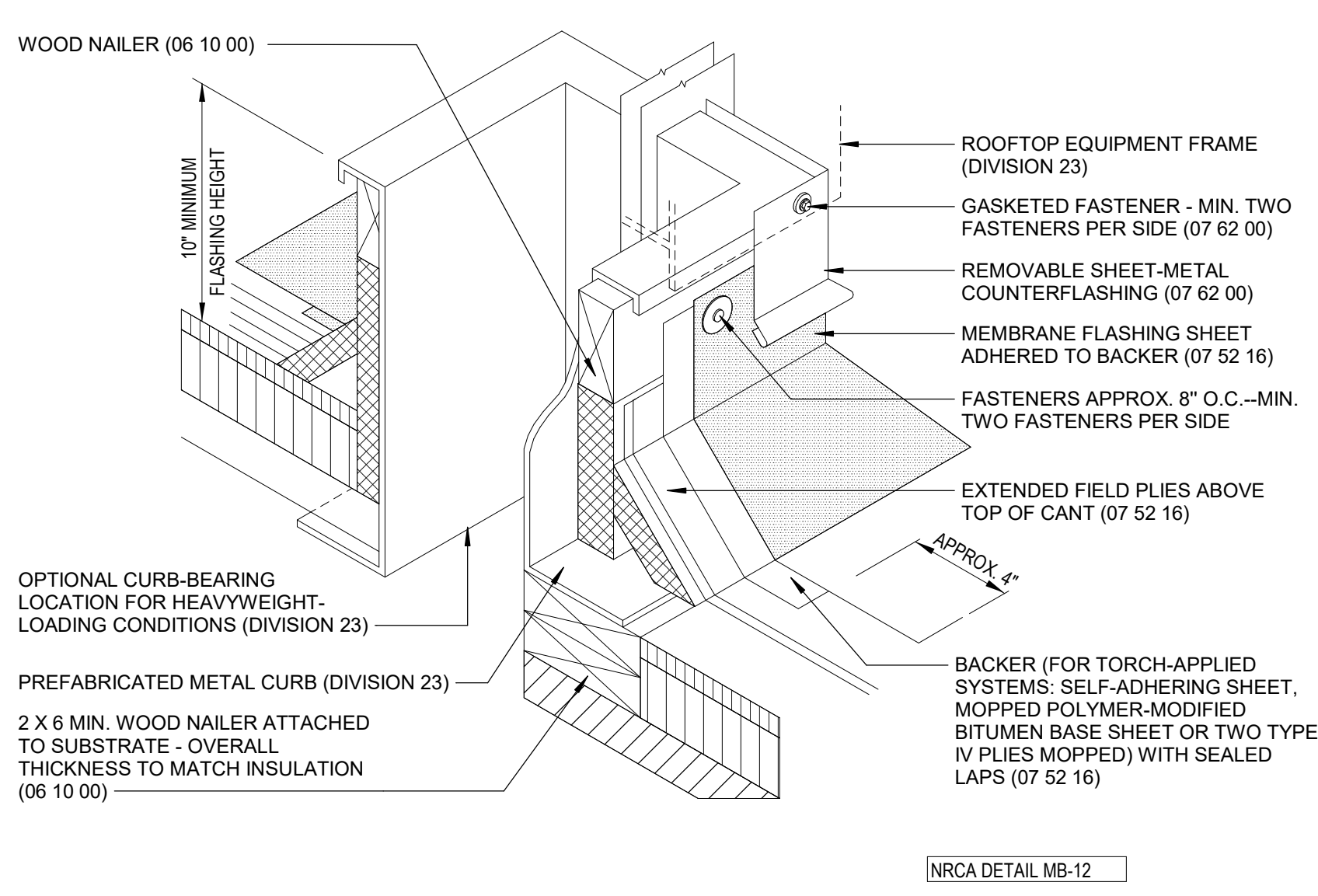
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| DRAWN BY | MP/SC/ALB | DATE | 05.05.2023 |
| SHEET TITLE | | | |
| ROOF DETAILS | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | A310 |
| ABM - 201813 | | | |

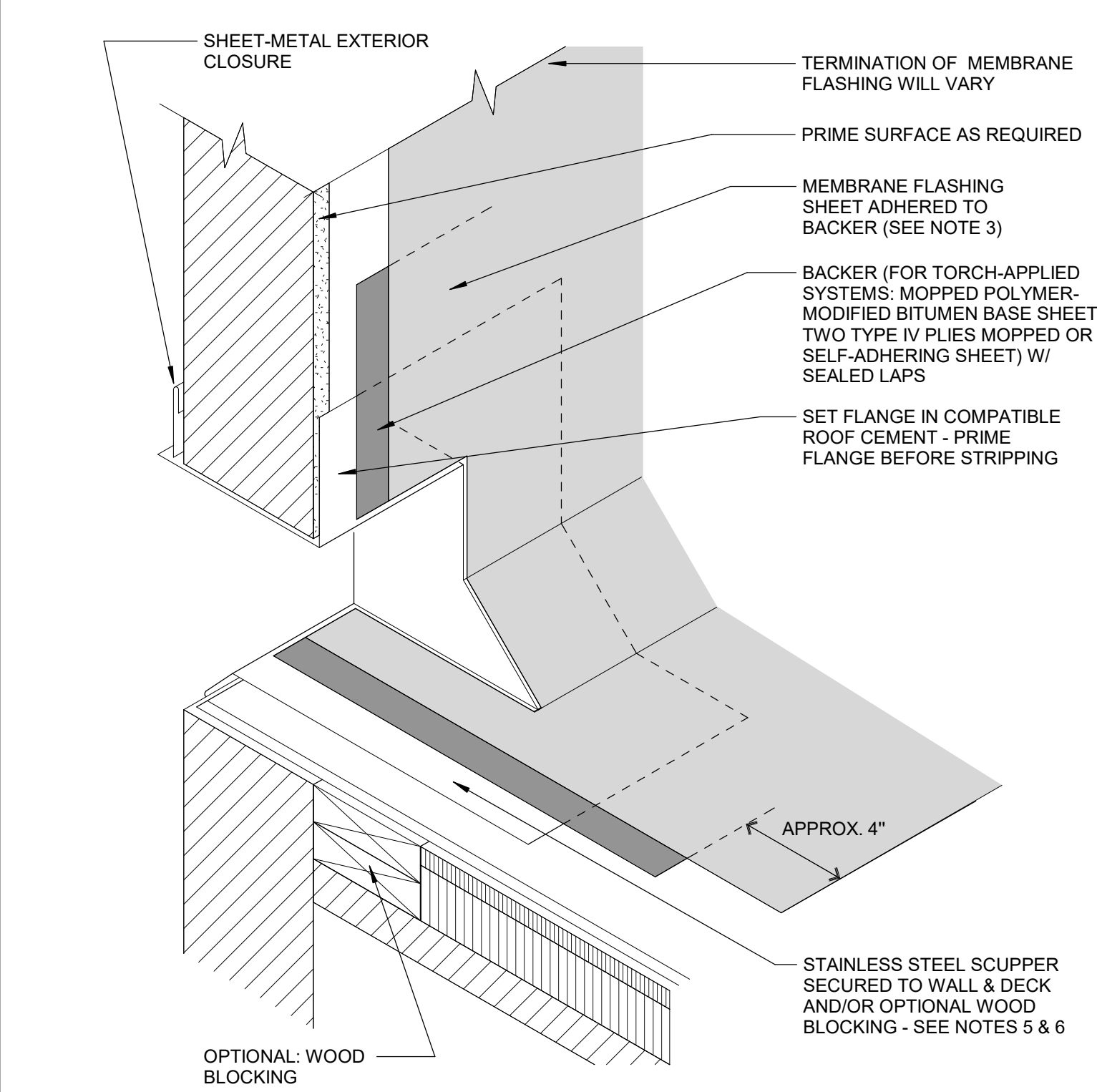


5 PICTORAL VIEW AT BASE FLASHING
A311 1" = 1'-0"



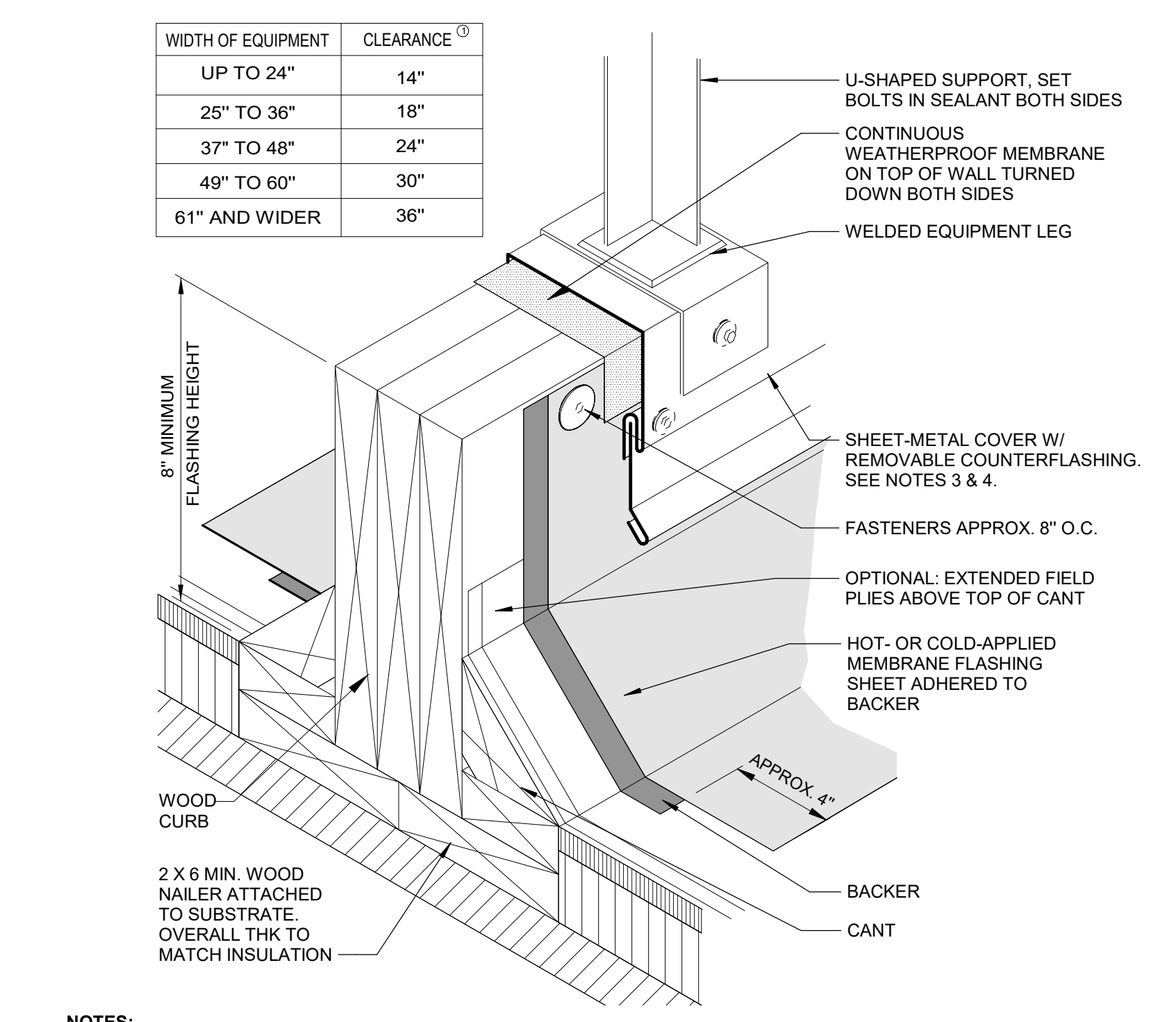
- NOTE:**
- THIS DETAIL IS APPLICABLE FOR HOT-, COLD- OR TORCH-APPLIED FLASHING SYSTEMS.
 - THE CURBS, TOP WOOD NAILER AND SEAL STRIP ARE TO BE SUPPLIED BY THE CURB MANUFACTURER.
 - WHEN POSSIBLE, THE MECHANICAL UNITS SHOULD NOT BE SET UNTIL THE ROOF MEMBRANE AND FLASHING HAVE BEEN INSTALLED.
 - WHERE THE SKYLIGHT, SCUTTLE OR SMOKE VENT FRAME OVERLAPS THE BASE FLASHING AT LEAST 3 INCHES, THE REMOVABLE SHEET-METAL COUNTERFLASHING IS NOT REQUIRED.
 - WHEN POTENTIAL FIRE HAZARDS CAN BE MITIGATED, NRCA CONSIDERS IT ACCEPTABLE TO INSTALL TORCH-APPLIED POLYMER-MODIFIED BITUMEN SHEET OVER THE SPECIFIED BACKER FLASHING USING THE DIRECT TORCHING METHOD PROVIDED LOW OUTPUT (50,000 BTU OUTPUT OR LESS) TORCHING EQUIPMENT IS USED. WHEN POTENTIAL FIRE HAZARDS CANNOT BE ADEQUATELY MITIGATED, TORCH-APPLIED POLYMER-MODIFIED BITUMEN SHEET SHALL BE INSTALLED USING INDIRECT TORCHING METHODS, SUCH AS THE TORCH-AND-FLOP APPLICATION METHOD.
 - NRCA RECOMMENDS DESIGNERS CONSIDER PERMANENT INTERNAL OR EXTERNAL FALL-PROTECTION DEVICES AT ALL SKYLIGHTS.
 - FOR ROOF SYSTEMS WITH FACTORY-APPLIED GRANULE SURFACING, PROPERLY PREPARE CAP SHEET TO RECEIVE FLASHING.
 - REFER TO THE ARCHITECTURAL METAL FLASHING SECTION OF THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING, CONDENSATION & AIR LEAKAGE CONTROL, & REROOFING FOR JOINERY & SECUREMENT OPTIONS FOR SHEET-METAL FLASHINGS.
 - REFER TO THE NRCA INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

6 ROOF - DETAIL @ CURB
A311



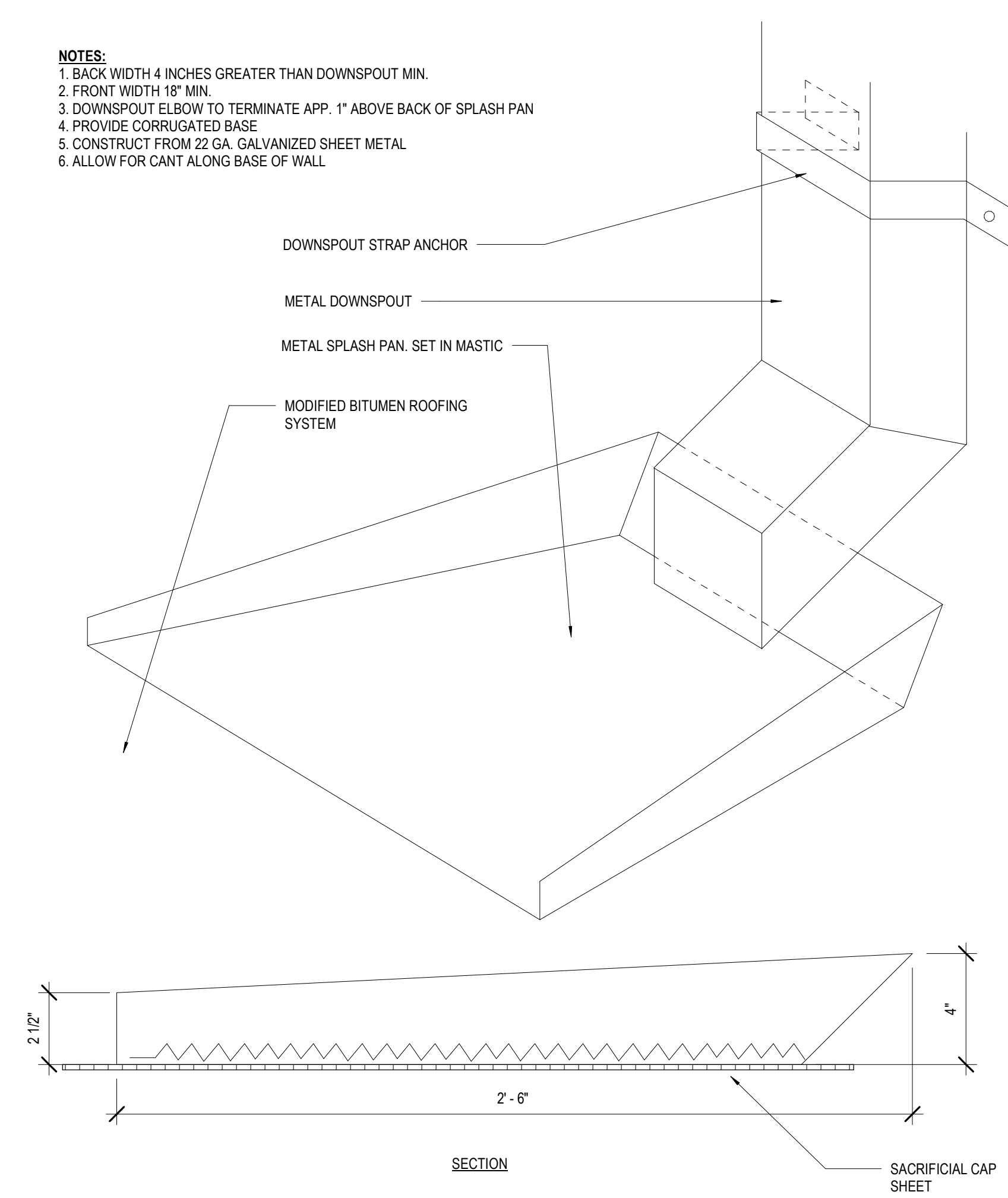
- NOTES:**
- THIS DETAIL IS APPLICABLE FOR HOT-, COLD- OR TORCH-APPLIED FLASHING SYSTEMS.
 - THIS DETAIL DOES NOT ALLOW FOR DIFFERENTIAL MOVEMENT BETWEEN THE DECK AND WALL.
 - WHEN POTENTIAL FIRE HAZARDS CAN BE MITIGATED, NRCA CONSIDERS IT ACCEPTABLE TO INSTALL TORCH-APPLIED POLYMER-MODIFIED BITUMEN SHEET OVER THE SPECIFIED BACKER FLASHING USING THE DIRECT TORCHING METHOD PROVIDED LOW OUTPUT (50,000 BTU OUTPUT OR LESS) TORCHING EQUIPMENT IS USED. WHEN POTENTIAL FIRE HAZARDS CANNOT BE ADEQUATELY MITIGATED, TORCH-APPLIED POLYMER-MODIFIED BITUMEN SHEET SHALL BE INSTALLED USING INDIRECT TORCHING METHODS, SUCH AS THE TORCH-AND-FLOP APPLICATION METHOD.
 - FOR ROOF SYSTEMS WITH FACTORY-APPLIED GRANULE SURFACING, PROPERLY PREPARE CAP SHEET TO RECEIVE FLASHING.
 - REFER TO THE ARCHITECTURAL METAL FLASHING SECTION OF THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING, CONDENSATION & AIR LEAKAGE CONTROL, & REROOFING FOR DESIGN, JOINERY & SECUREMENT OPTIONS FOR SCUPPERS.
 - REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

7 ROOF - DETAIL @ SCUPPER
A311

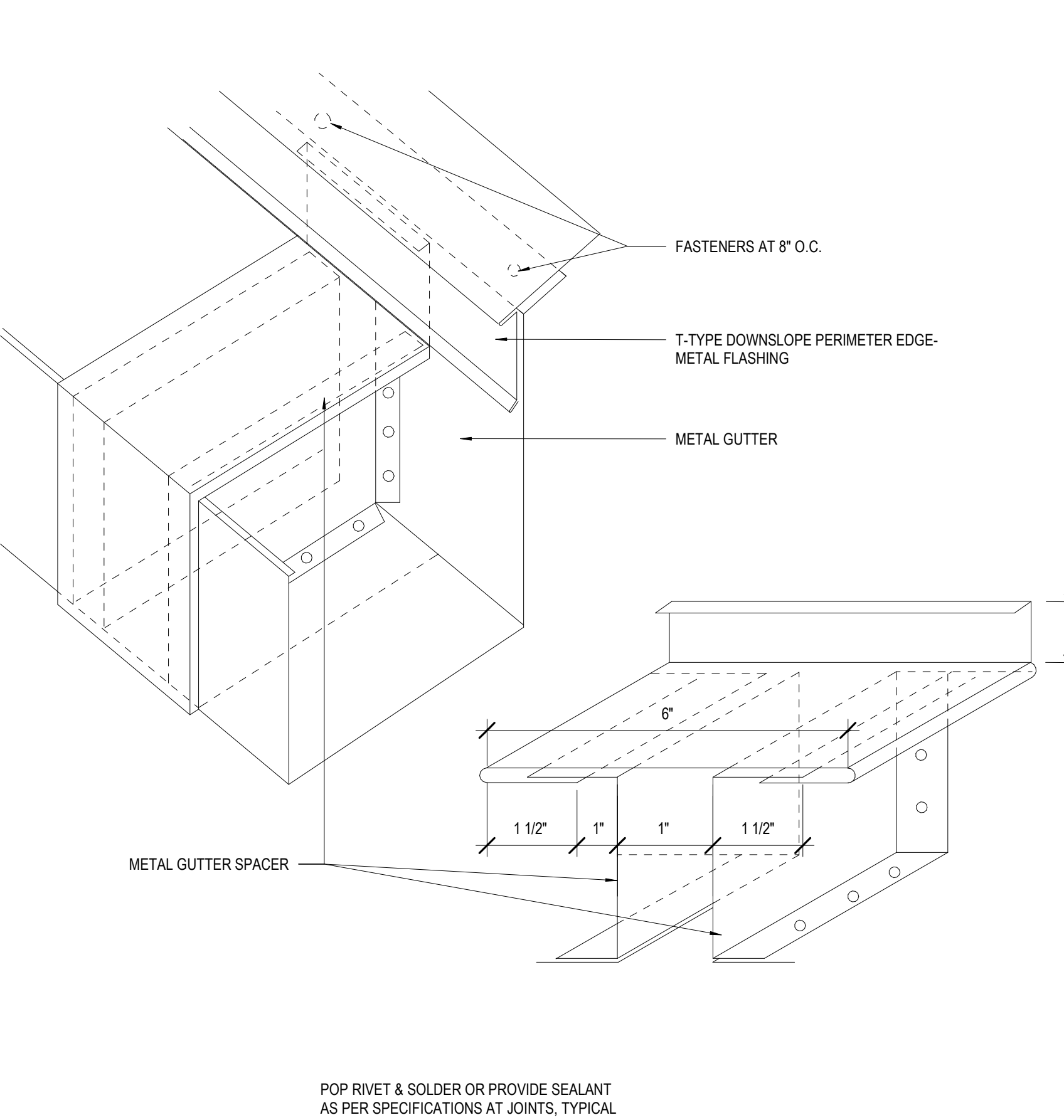


- NOTES:**
- THIS DETAIL ALLOWS FOR MEMBRANE MAINTENANCE AROUND THE SUPPORTED EQUIPMENT. THE CONTINUOUS SUPPORT IS PREFERRED IN LIGHTWEIGHT STRUCTURAL SYSTEMS BECAUSE THE EQUIPMENT WEIGHT CAN BE SPREAD ACROSS TWO OR MORE SUPPORTING MEMBERS. WHERE HEAVY STRUCTURAL SYSTEMS ARE USED OR WHERE THE LOAD CAN BE CONCENTRATED OVER A COLUMN, DETAIL MB-11 MAY BE PREFERRED. A MINIMUM OF 2 FEET OF HORIZONTAL CLEARANCE MUST BE PROVIDED FOR REMOVAL & REPLACEMENT OF ROOFING & FLASHING BETWEEN PARALLEL SUPPORTS. REFER TO TABLE ABOVE FOR RECOMMENDATIONS ON VERTICAL CLEARANCE FROM ROOF SURFACE TO BOTTOM OF SUPPORTED EQUIPMENT.
 - FOR ROOF SYSTEMS WITH FACTORY-APPLIED GRANULE SURFACING, PROPERLY PREPARE CAP SHEET TO RECEIVE FLASHING.
 - REFER TO THE ARCHITECTURAL METAL FLASHING SECTION OF THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING, CONDENSATION & AIR LEAKAGE CONTROL, AND REROOFING FOR DESIGN, JOINERY AND SECUREMENT OPTIONS FOR SHEET-METAL COVERS.
 - REFER TO THE NRCA INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

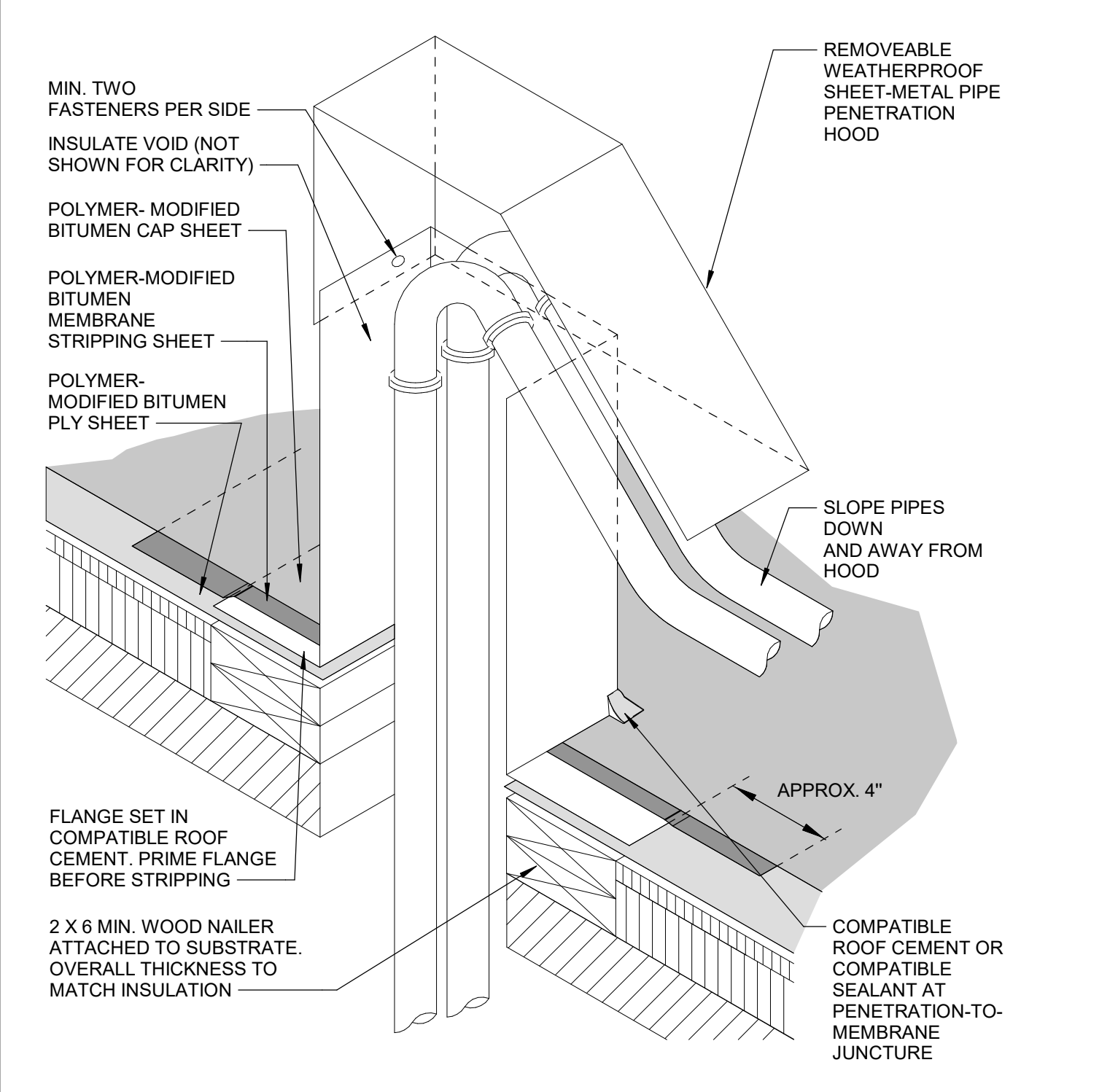
8 ROOF - DETAIL @ EQUIPMENT SUPPORT 2
A311



1 ROOF - METAL SPLASH PAN
A311 3" = 1'-0"

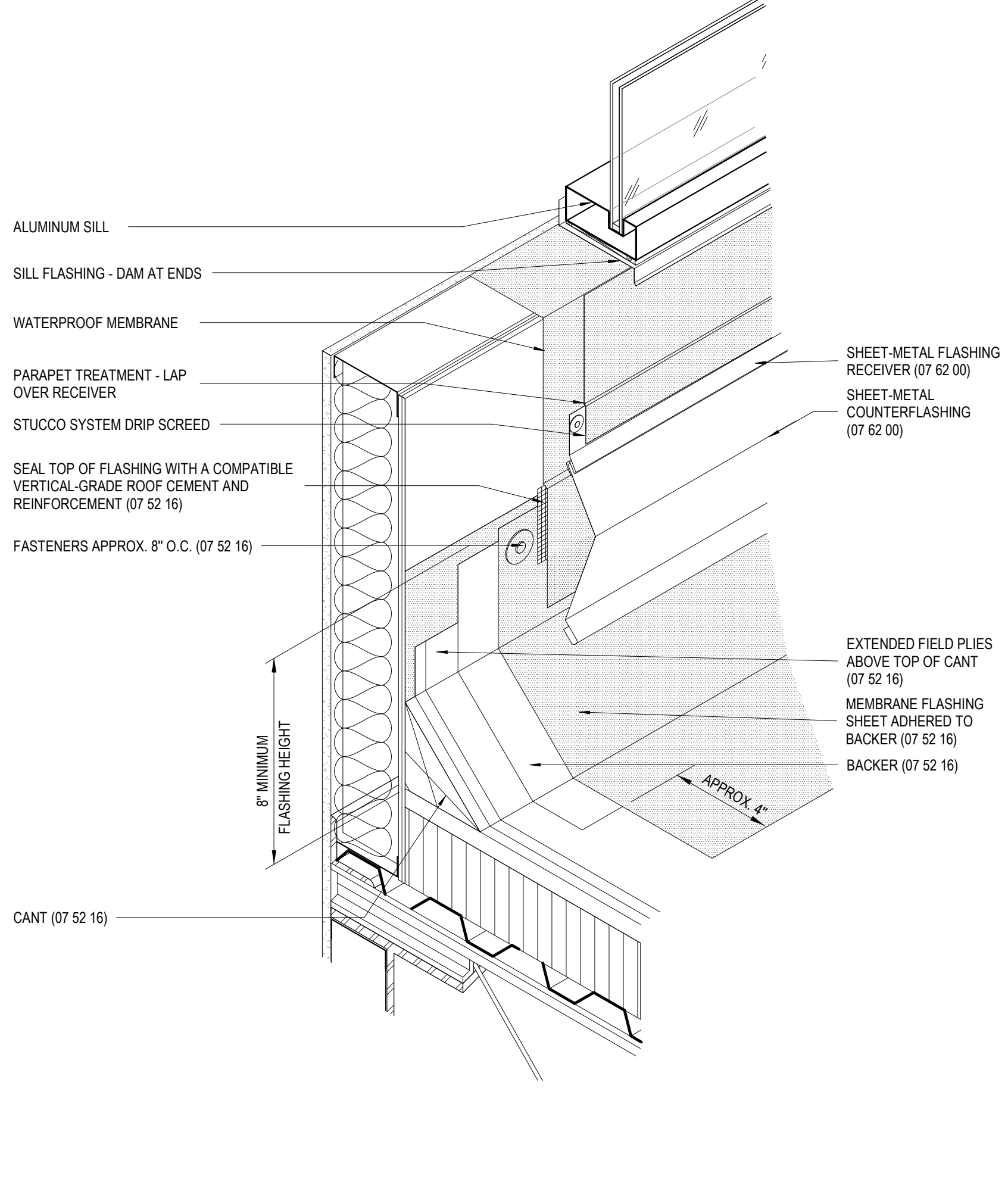


2 ROOF - GUTTER EXPANSION JOINT
A311 6" = 1'-0"



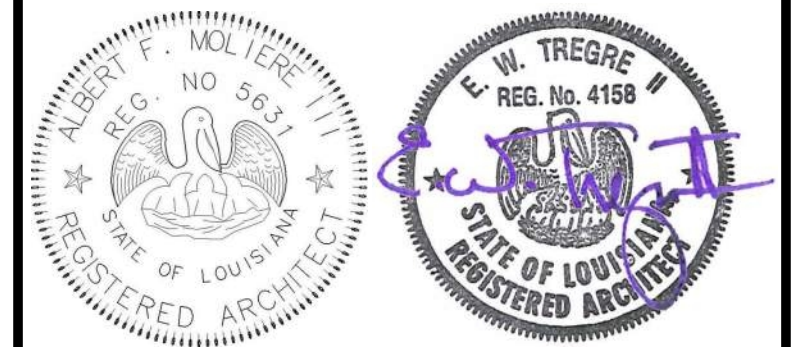
- NOTES:**
- THIS DETAIL IS APPLICABLE FOR HOT-, COLD- OR TORCH-APPLIED FLASHING SYSTEMS.
 - WHEN POTENTIAL FIRE HAZARDS CAN BE MITIGATED, NRCA CONSIDERS IT ACCEPTABLE TO INSTALL TORCH-APPLIED POLYMER-MODIFIED BITUMEN SHEET OVER THE SPECIFIED BACKER FLASHING USING THE DIRECT TORCHING METHOD PROVIDED LOW OUTPUT (50,000 BTU OUTPUT OR LESS) TORCHING EQUIPMENT IS USED. WHEN POTENTIAL FIRE HAZARDS CANNOT BE ADEQUATELY MITIGATED, TORCH-APPLIED POLYMER-MODIFIED BITUMEN SHEET SHALL BE INSTALLED USING INDIRECT TORCHING METHODS, SUCH AS THE TORCH-AND-FLOP APPLICATION METHOD.
 - REFER TO THE ARCHITECTURAL METAL FLASHING SECTION OF THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING, CONDENSATION AND AIR LEAKAGE CONTROL, AND REROOFING FOR DESIGN, JOINERY AND SECUREMENT OPTIONS FOR PIPE PENETRATION HOODS.
 - REFER TO THE NRCA INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

3 ROOF - DETAIL @ PIPE PENETRATION HOOD
A311



4 PICTORAL VIEW AT BASE FLASHING
A311 1" = 1'-0"

MATERIALS KEYING/ GENERAL NOTES



| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |

KEY PLAN

Mathes Brierre + MB ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE A JOINT VENTURE
201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
Voice: 504.586.9303 Fax: 504.582.1305
300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

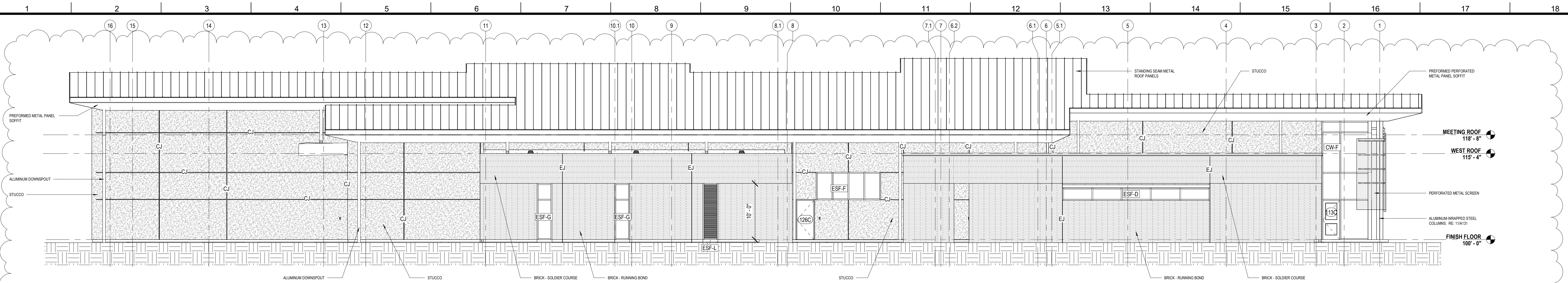
PROJECT TITLE

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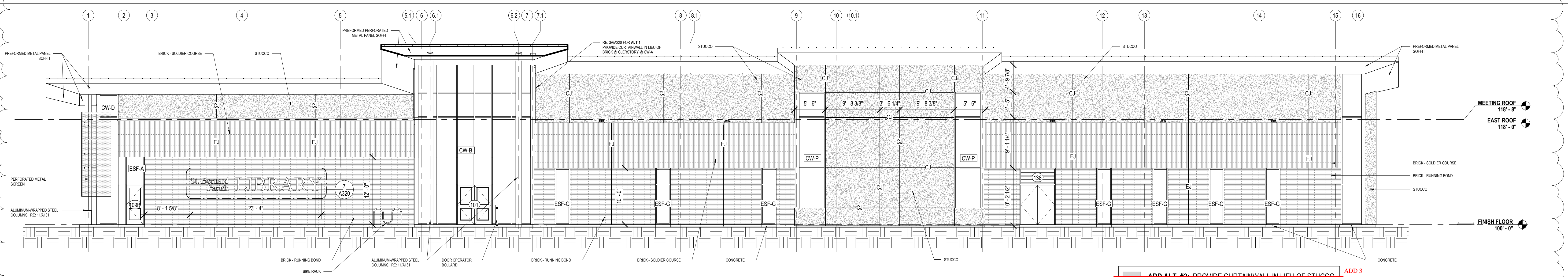
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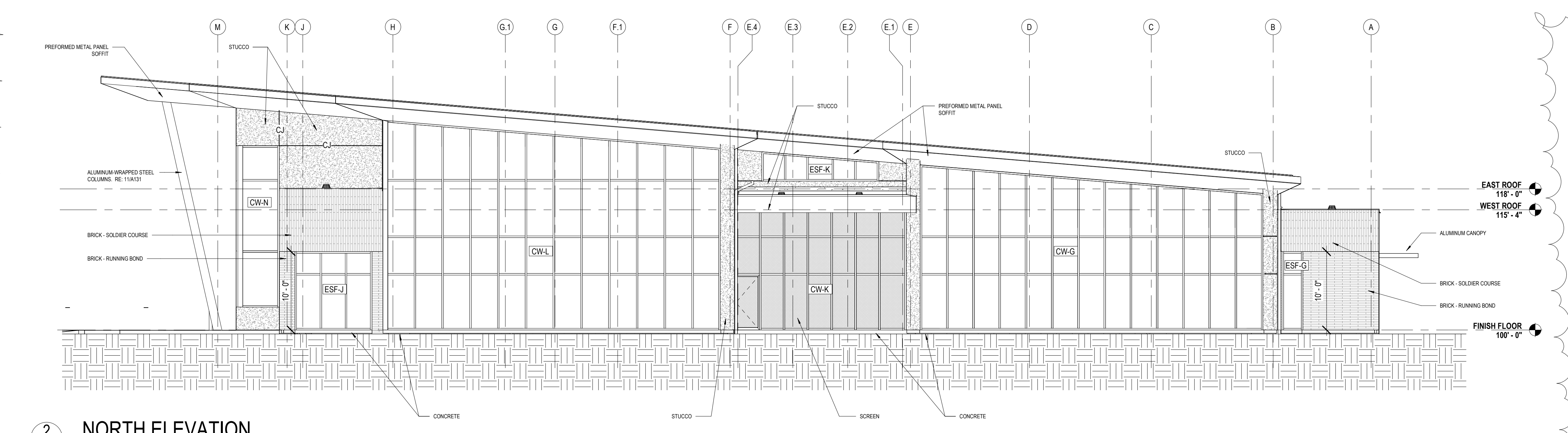
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|-----------------------------|--------------|------------|------------|
| DESIGNED BY | MBA/ABM | CHECKED BY | AM/PP |
| DRAWN BY | MP/SC/ALB | DATE | 05.05.2023 |
| SHEET TITLE ROOF DETAILS | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | A311 |
| | ABM - 201813 | | |



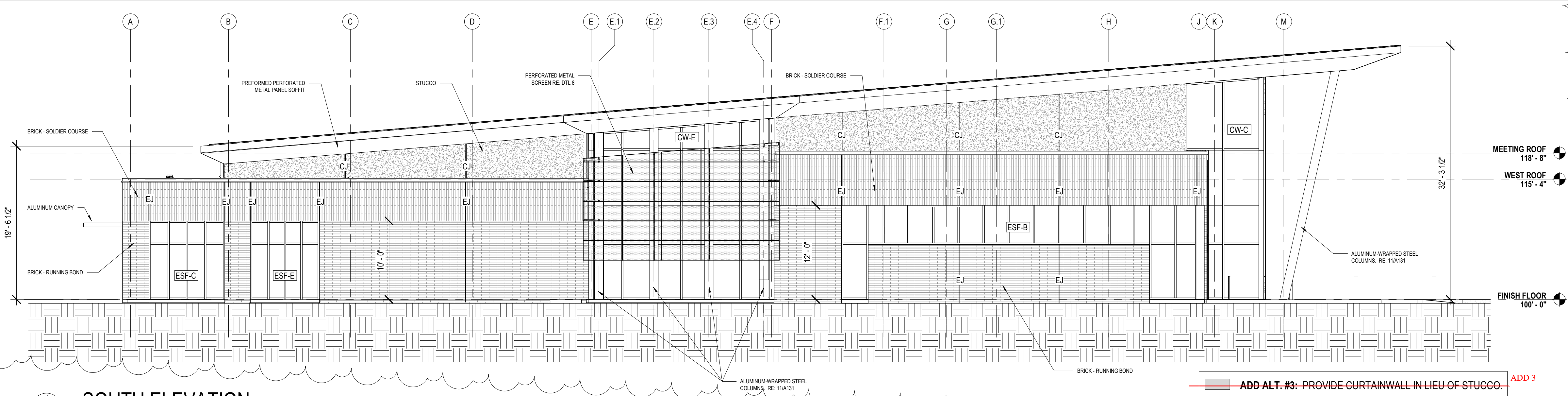
4 WEST ELEVATION
A320 1/8" = 1'-0"



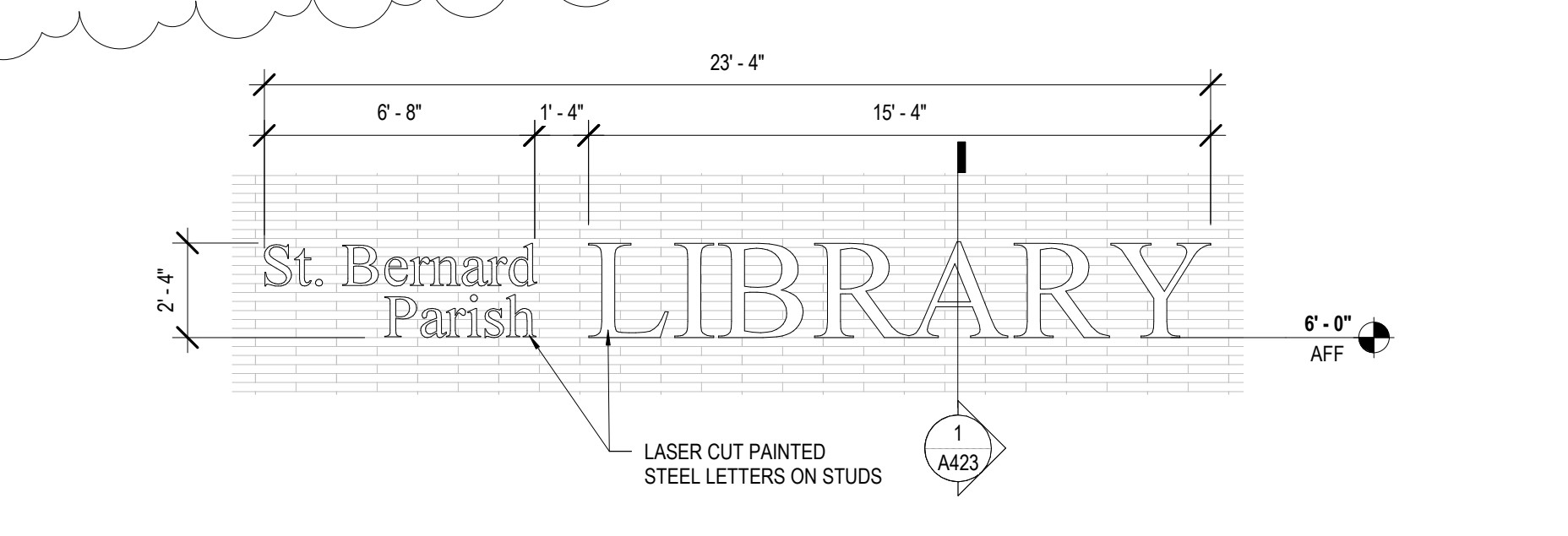
3 EAST ELEVATION
A320 1/8" = 1'-0"



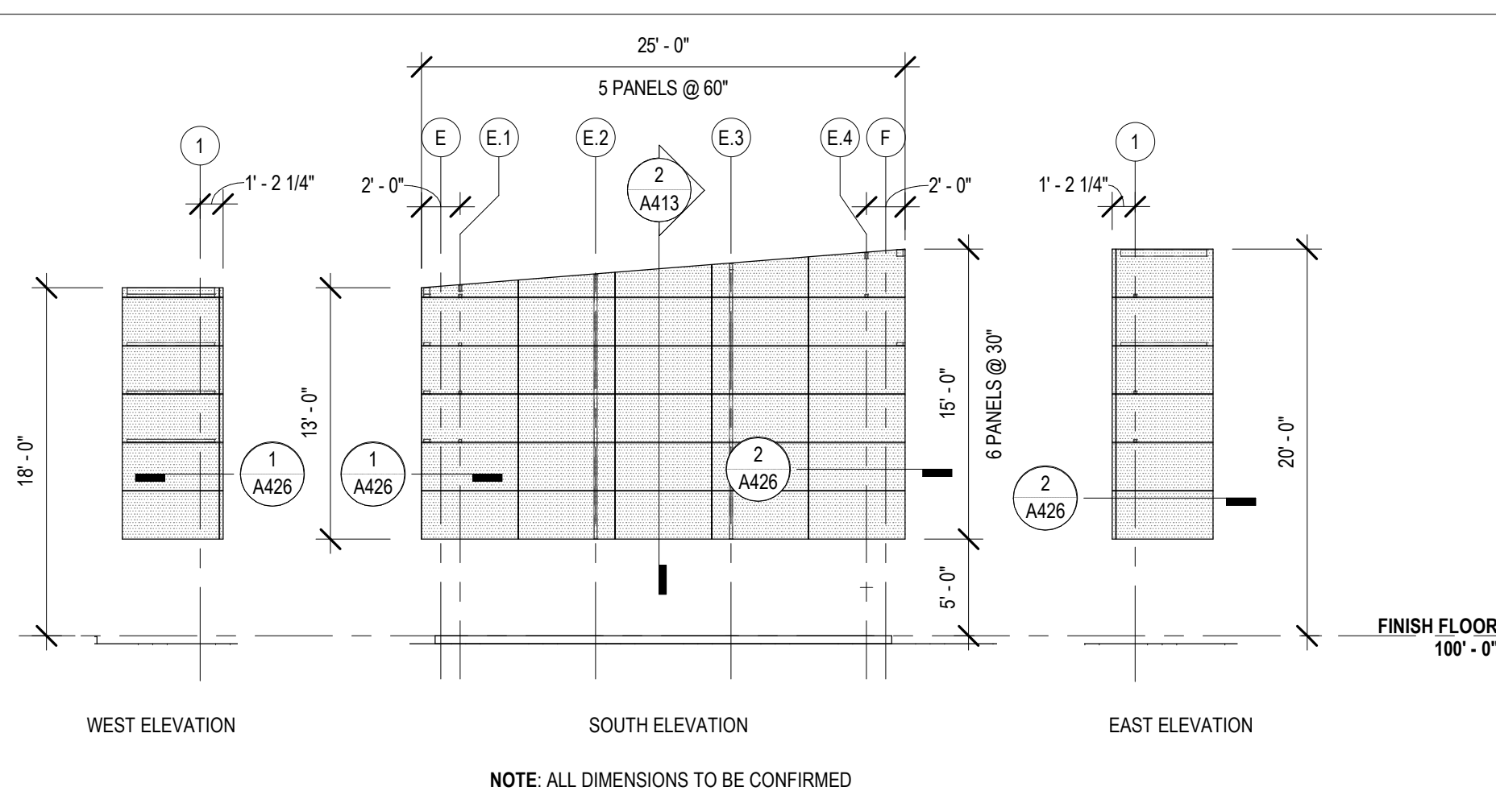
2 NORTH ELEVATION
A320 1/8" = 1'-0"



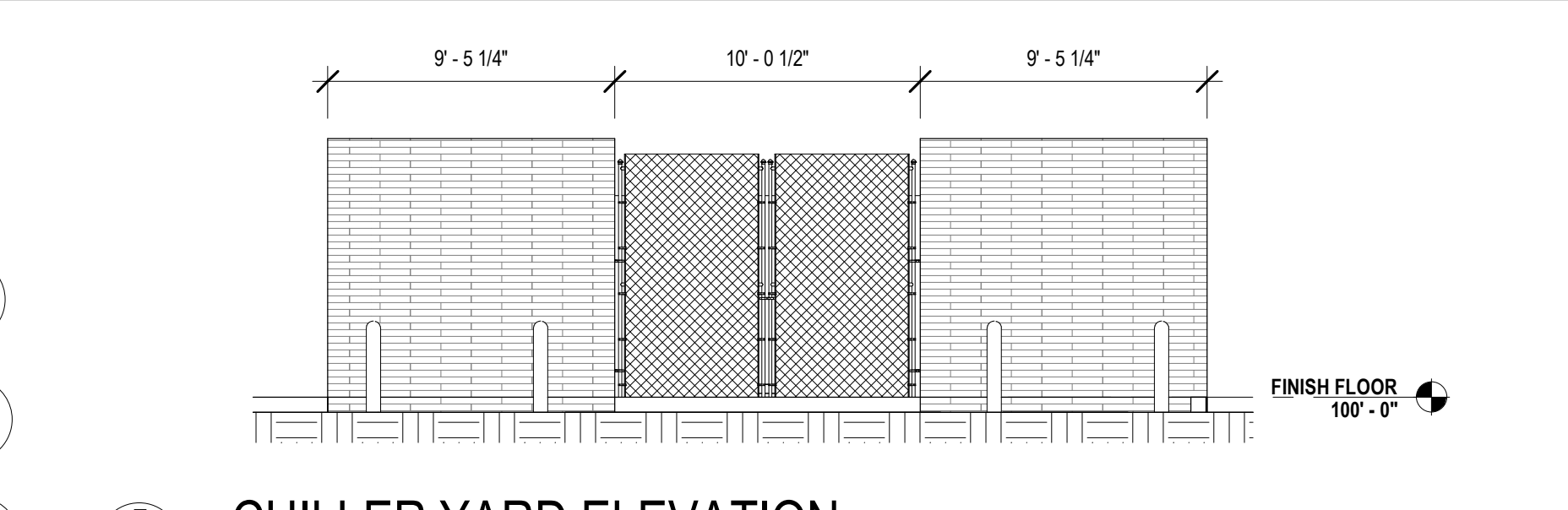
1 SOUTH ELEVATION
A320 1/8" = 1'-0"



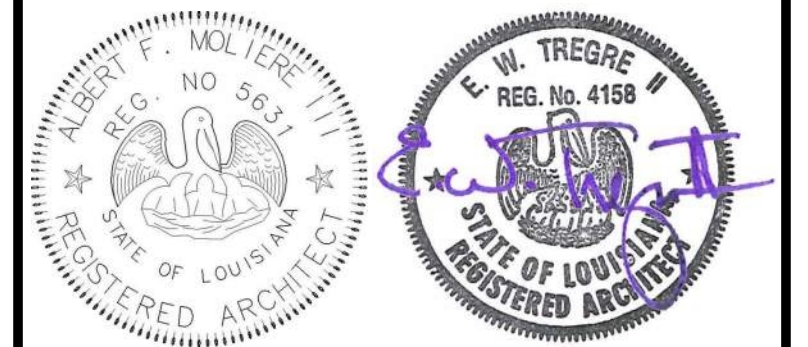
7 BUILDING SIGN
A320 1/4" = 1'-0"



6 PERFORATED METAL SCREEN ELEVATIONS
A320 1/8" = 1'-0"



5 CHILLER YARD ELEVATION
A320 3/16" = 1'-0"



| No. | Description | Date |
|-----|-------------|----------|
| 1 | Addendum 1 | 05/25/23 |

KEY PLAN

Mathes Brierre + MBM
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
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201 St. Charles Avenue, Forty First Floor
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300 Heymann Blvd.
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337.233.0614

PROJECT TITLE

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| | | | |
|------------------------------------|--------------|------------|------------|
| DESIGNED BY | MBA/ABM | CHECKED BY | RZ/PP |
| DRAWN BY | MP/SC/ALB | DATE | 05.05.2023 |
| SHEET TITLE EXTERIOR ELEVATIONS | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | A320 |
| | ABM - 201813 | | |

TOILET ROOM ACCESSORY LEGEND

| | |
|----|--|
| 01 | PAPER TOWEL DISPENSER / WASTE RECEPTACLE |
| 02 | SURFACE MOUNTED TOILET TISSUE DISPENSER |
| 03 | SANITARY NAPKIN DISPOSAL |
| 04 | SURFACE MOUNTED SOAP DISPENSER |
| 05 | COAT HOOK |
| 06 | BABY CHANGING STATION |
| 07 | 36" & 42" GRAB BAR |
| 08 | MIRROR 18" x 30" |
| 09 | MIRROR 36" x 30" |
| 10 | HANDDRYER |



| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |
| | | |

KEY PLAN

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 Lafayette, Louisiana 70503
 337.233.0614

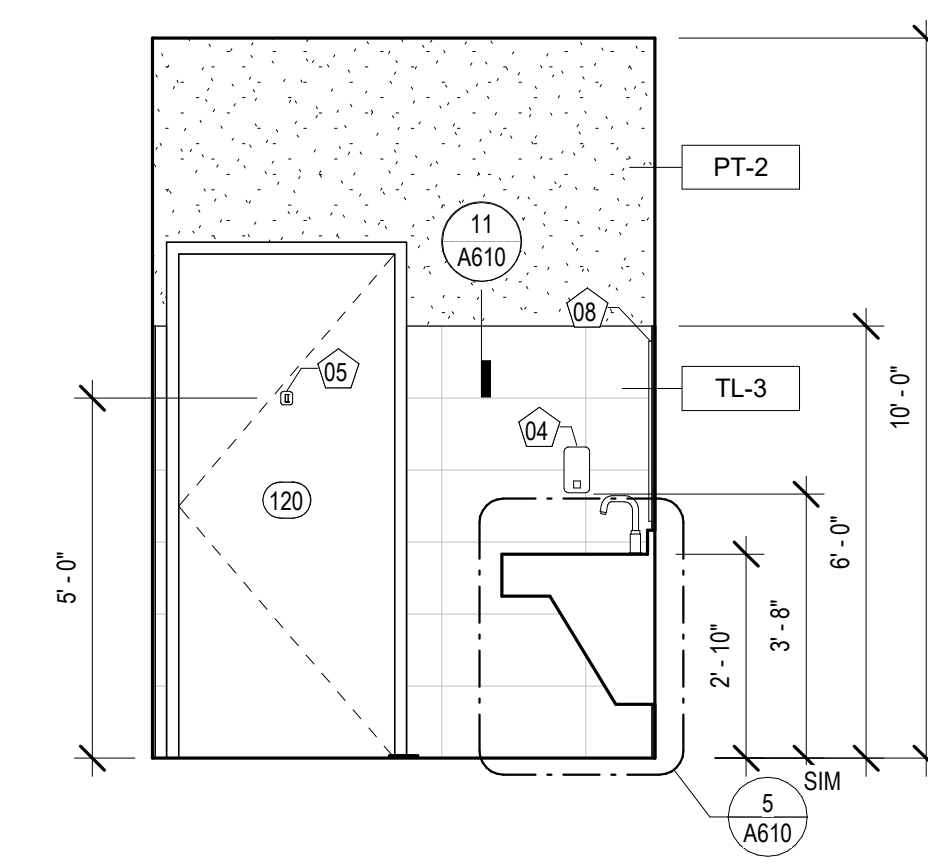
PROJECT TITLE

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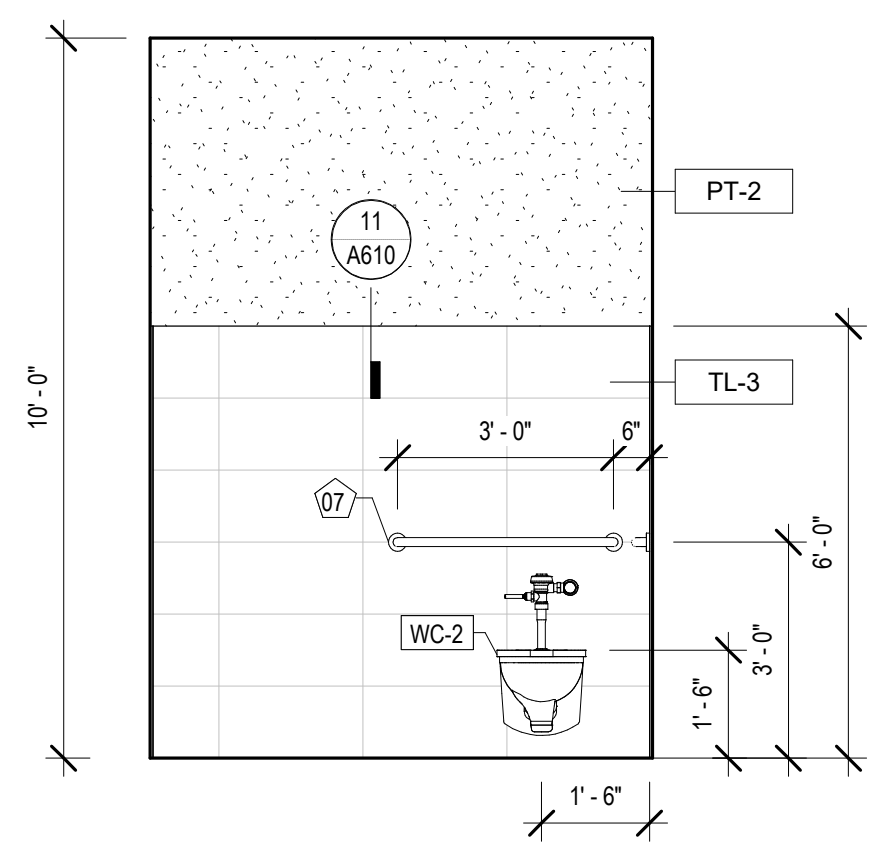
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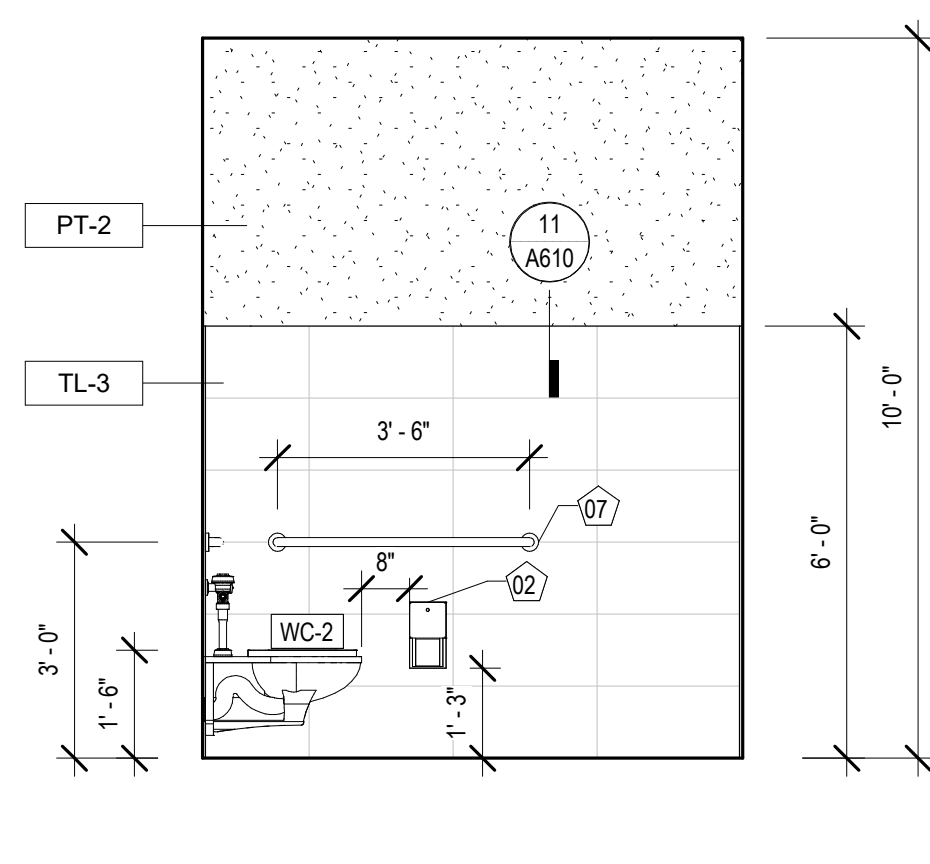
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|---------------------|--------------|------------|------------|
| DESIGNED BY | MBA/ABM | CHECKED BY | RZ/PP |
| DRAWN BY | CF/F/RZ | DATE | 05.05.2023 |
| SHEET TITLE | | | |
| INTERIOR ELEVATIONS | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | A340 |
| | ABM - 201813 | | |



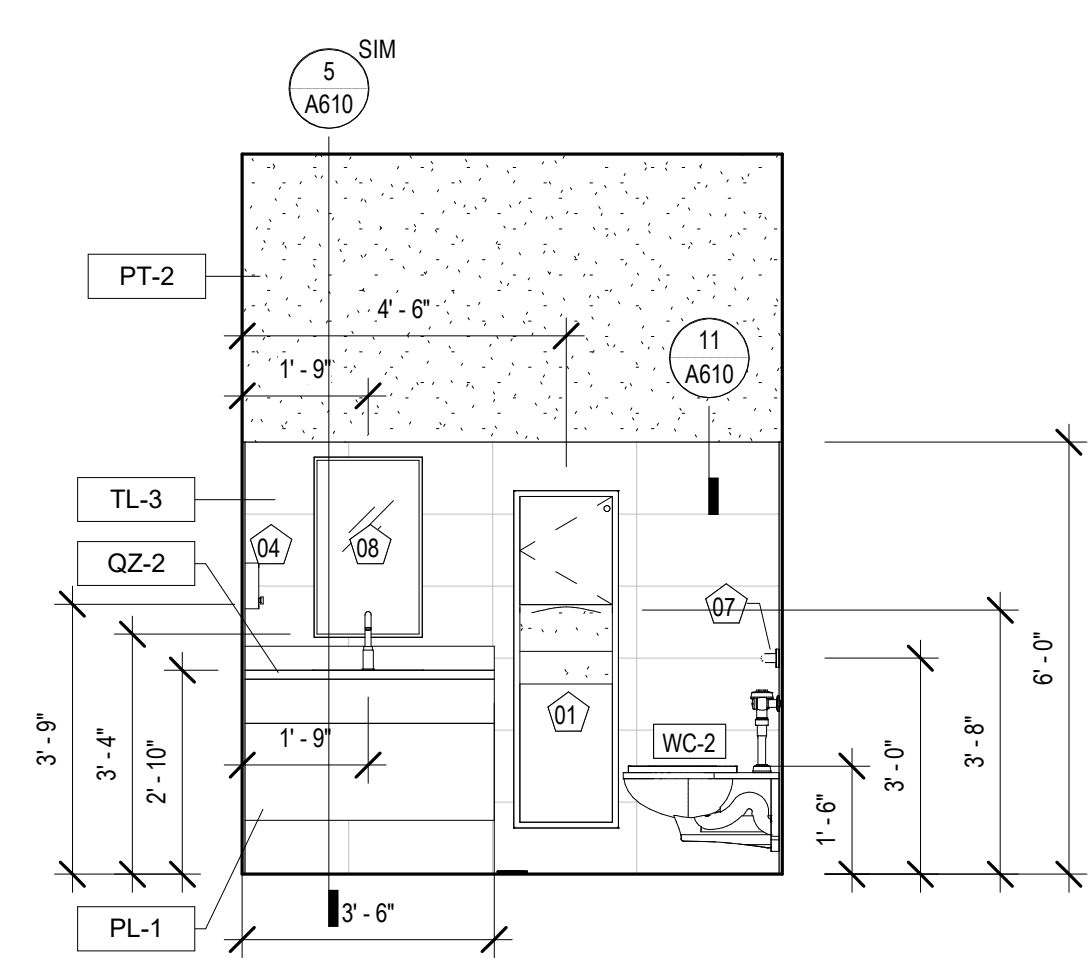
12 INT. ELEVATION - STAFF RR 1 #120
 A340 3/8" = 1'-0"



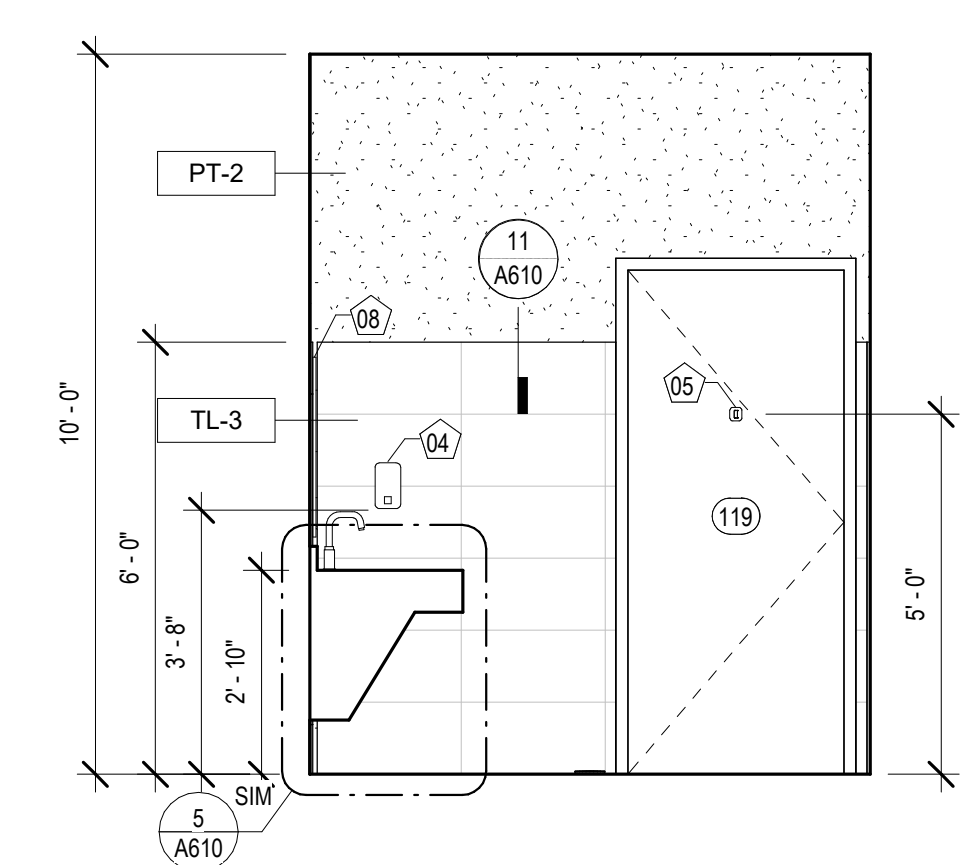
11 INT. ELEVATION - STAFF RR 1 #120
 A340 3/8" = 1'-0"



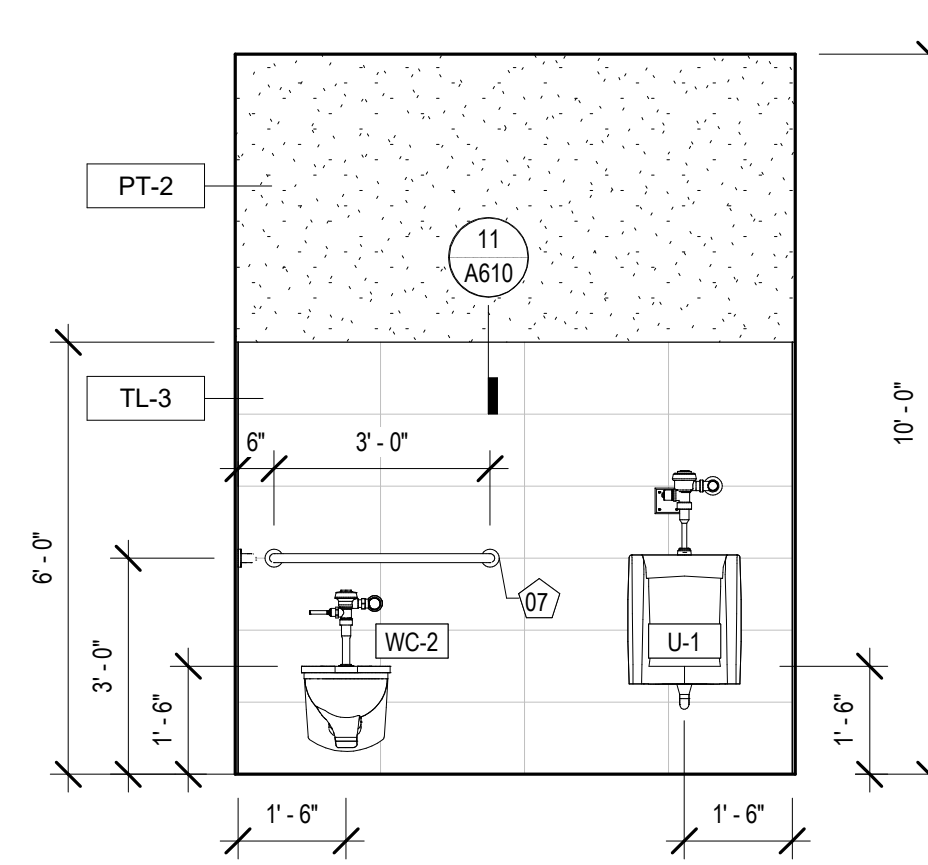
10 INT. ELEVATION - STAFF RR 1 #120
 A340 3/8" = 1'-0"



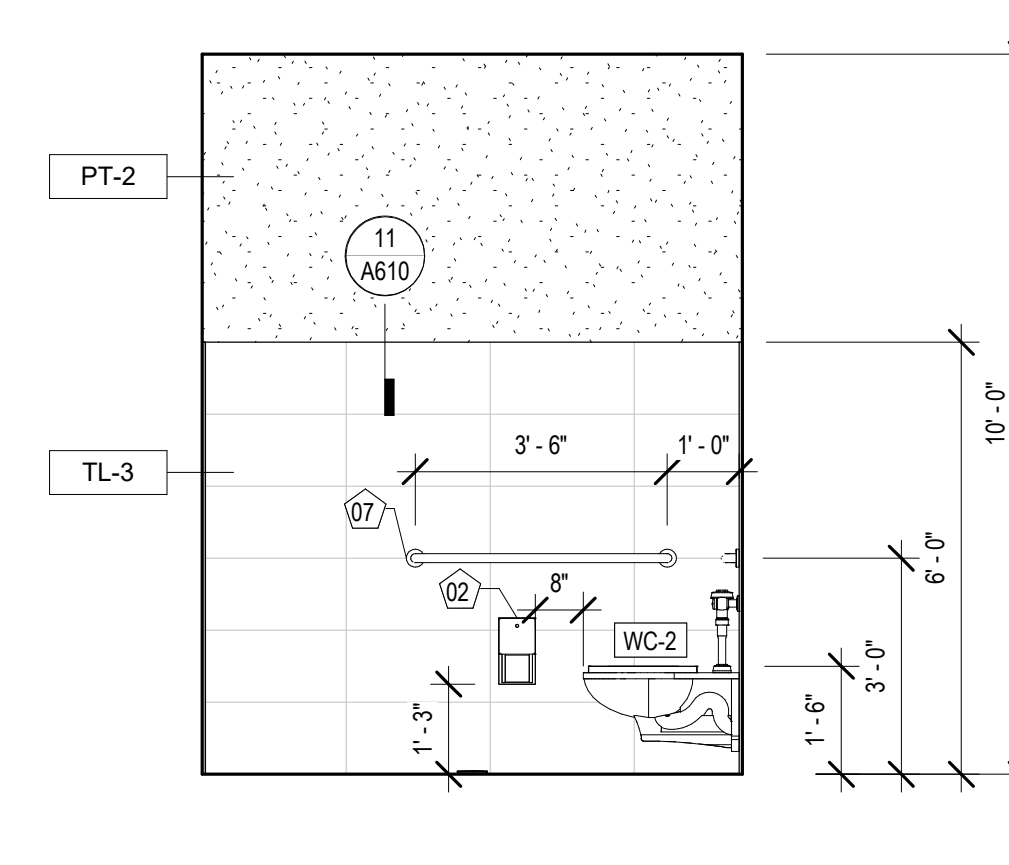
9 INT. ELEVATION - STAFF RR 1 #120
 A340 3/8" = 1'-0"



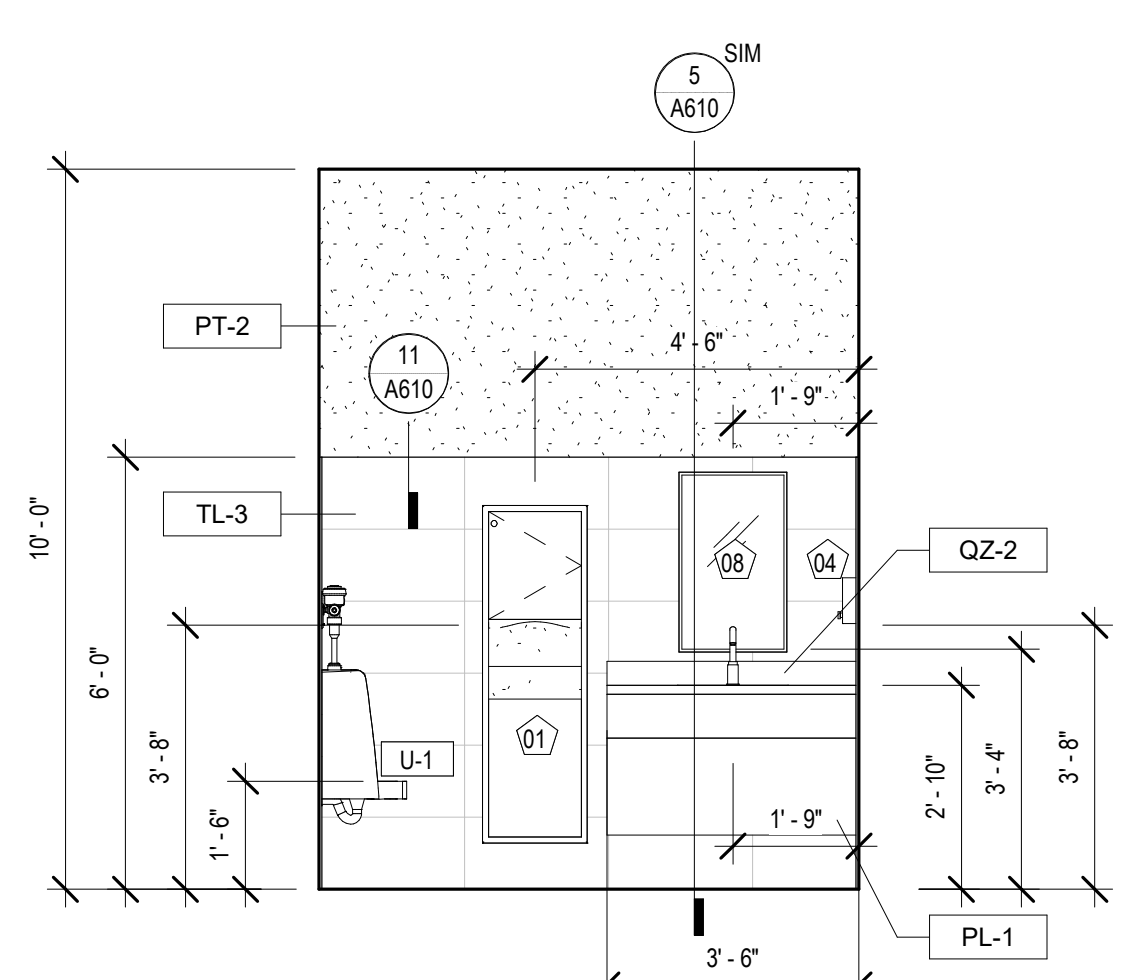
8 INT. ELEVATION - STAFF RR 2 #119
 A340 3/8" = 1'-0"



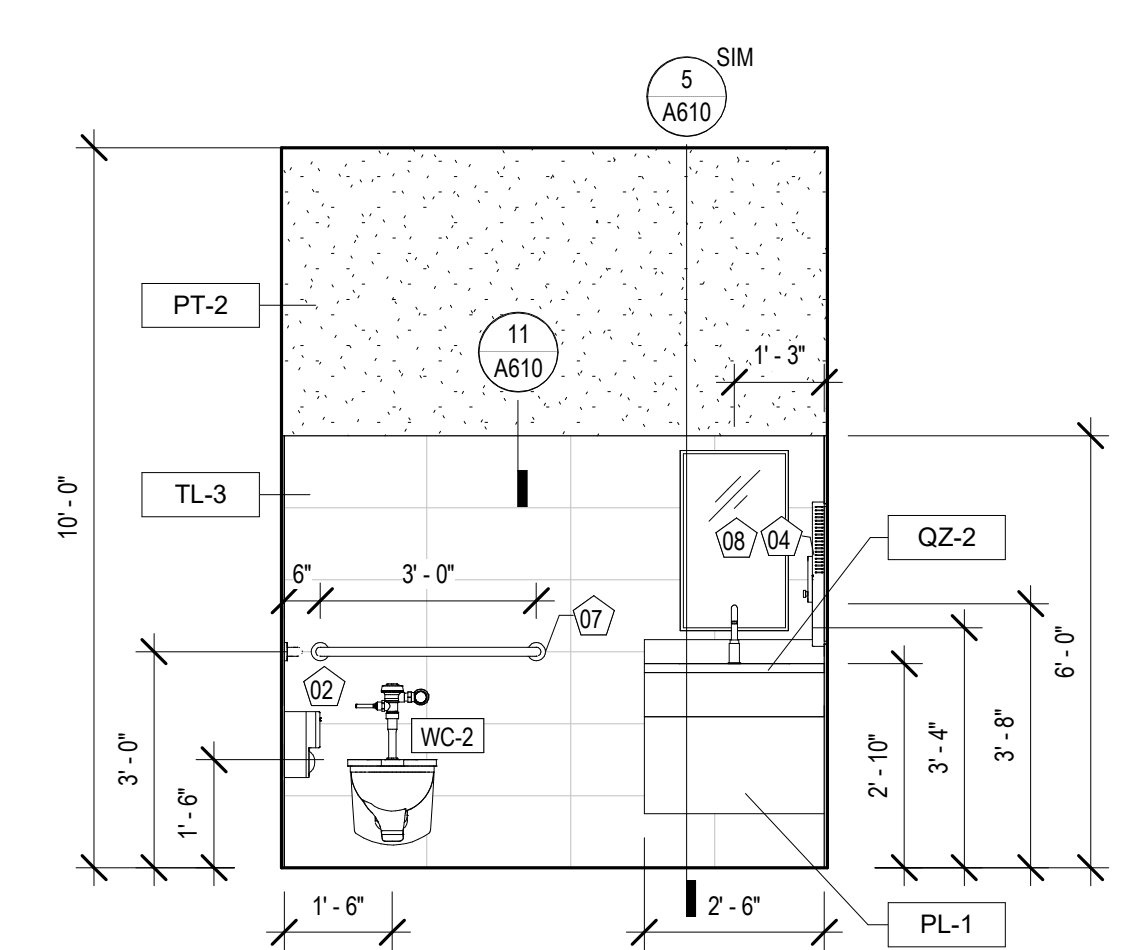
7 INT. ELEVATION - STAFF RR 2 #119
 A340 3/8" = 1'-0"



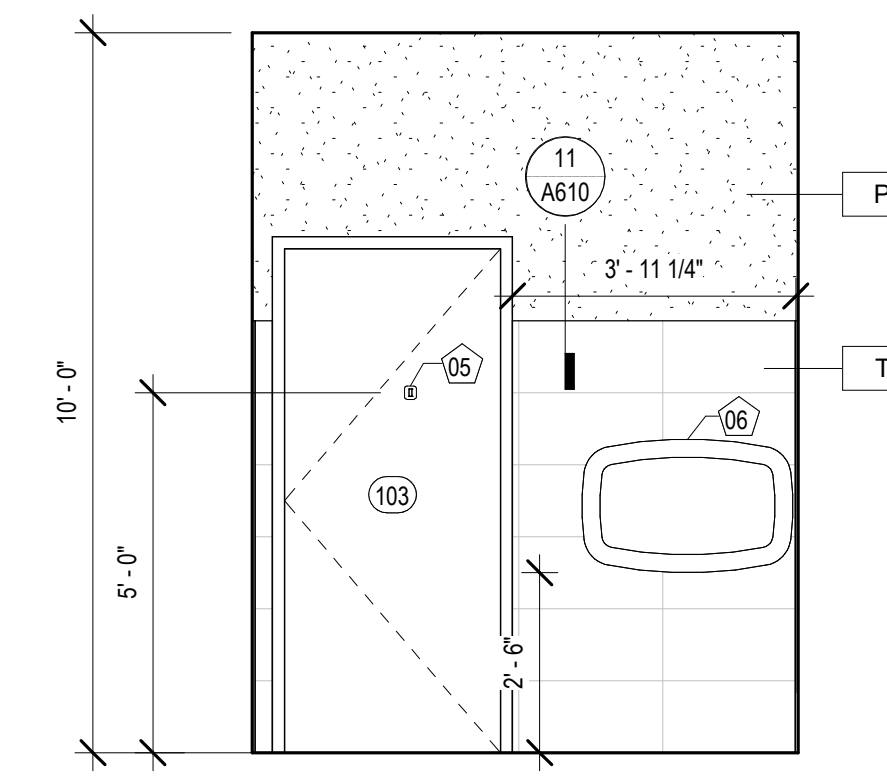
6 INT. ELEVATION - STAFF RR 2 #119
 A340 3/8" = 1'-0"



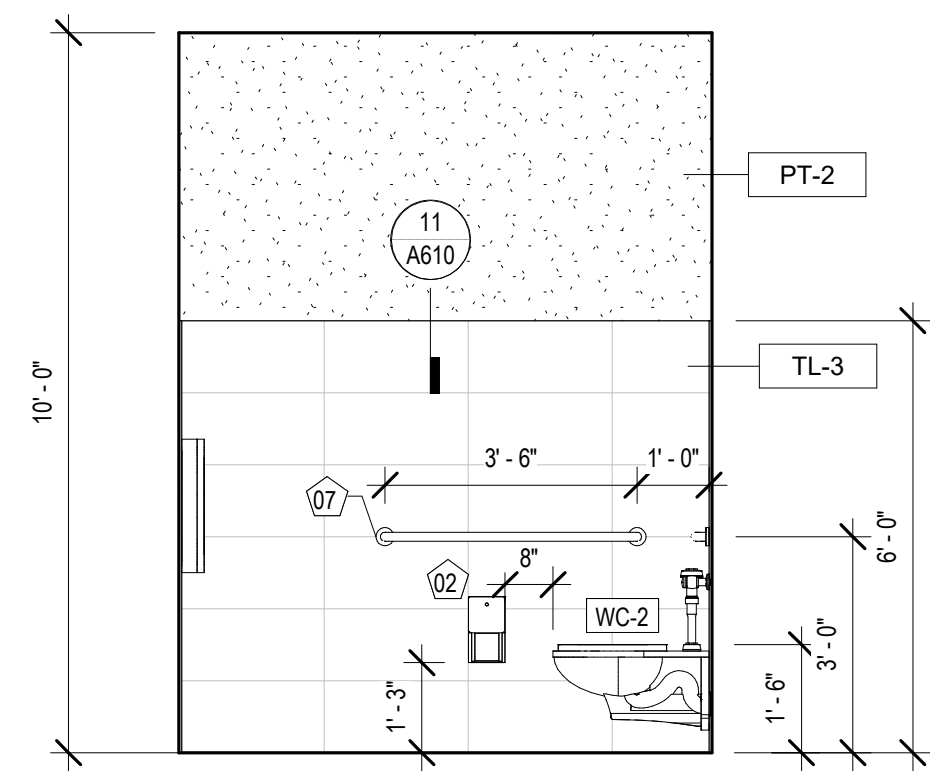
5 INT. ELEVATION - STAFF RR 2 #119
 A340 3/8" = 1'-0"



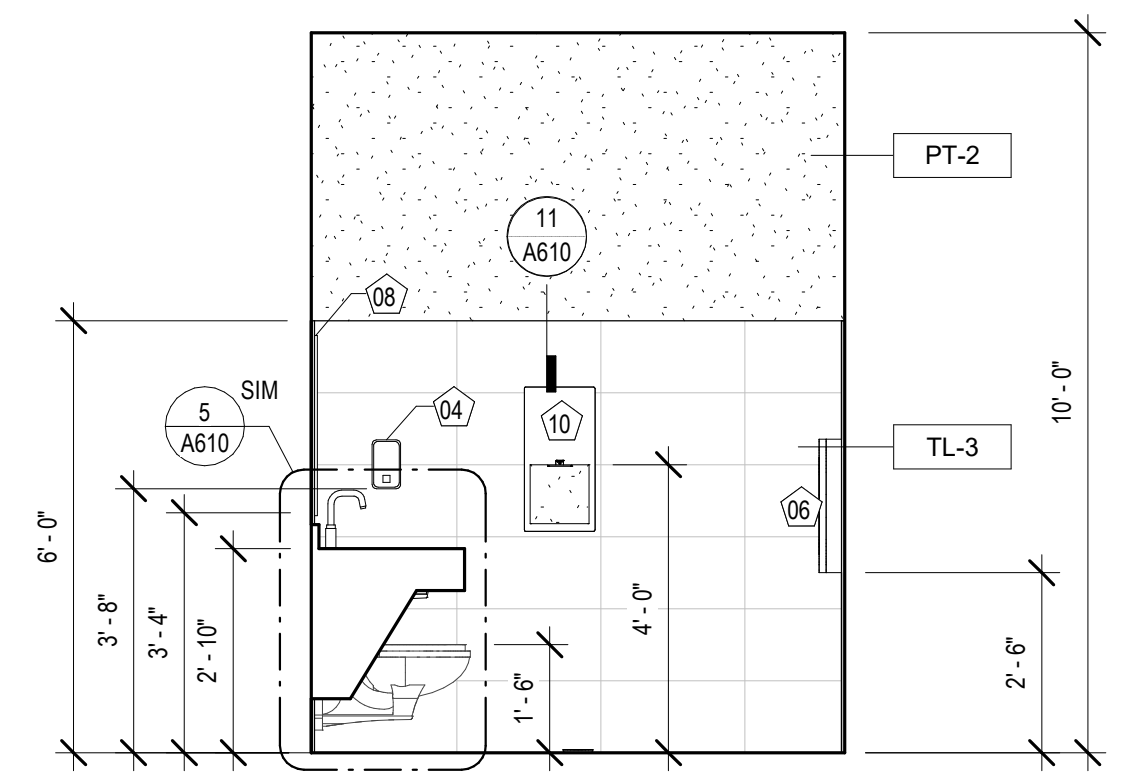
4 INT. ELEVATION - FAMILY RR #103
 A340 3/8" = 1'-0"



3 INT. ELEVATION - FAMILY RR #103
 A340 3/8" = 1'-0"



2 INT. ELEVATION - FAMILY RR #103
 A340 3/8" = 1'-0"



1 INT. ELEVATION - FAMILY RR #103
 A340 3/8" = 1'-0"

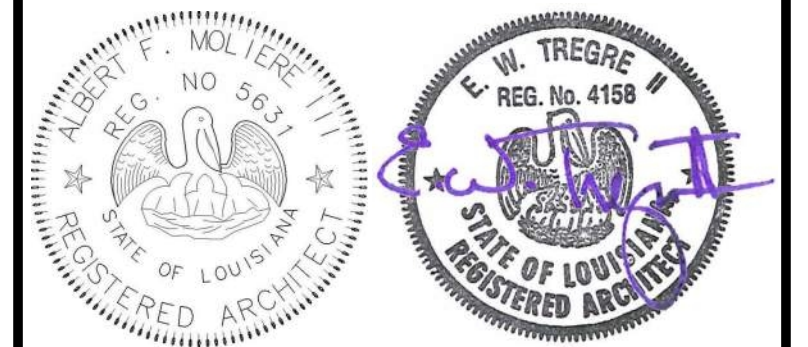
TOILET ROOM ACCESSORY LEGEND

| | |
|----|--|
| 01 | PAPER TOWEL DISPENSER / WASTE RECEPTACLE |
| 02 | SURFACE MOUNTED TOILET TISSUE DISPENSER |
| 03 | SANITARY NAPKIN DISPOSAL |
| 04 | SURFACE MOUNTED SOAP DISPENSER |
| 05 | COAT HOOK |
| 06 | BABY CHANGING STATION |
| 07 | 36" & 42" GRAB BAR |
| 08 | MIRROR 18" x 30" |
| 09 | MIRROR 36" x 30" |
| 10 | HANDDRYER |

NOTE: SEE SHEET A130 FOR MODEL #S

EQUIPMENT SCHEDULE

| Type Mark | Description |
|-----------|---------------------------------|
| 01 | EXISTING COMPUTER & MONITOR |
| 02 | NEW 70" TV MONITOR |
| 03 | EXISTING NEC SIGNAGE TV |
| 04 | EXISTING PROMETHEAN VIDEO BOARD |
| 05 | EXISTING PAC STATION |



| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |
| | | |

KEY PLAN

Mathes Brierre + MBM
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 201 St. Charles Avenue, Forty First Floor
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 Voice: 504-586-9303 Fax: 504-582-1305
 300 Heymann Blvd.
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 337.233.0614

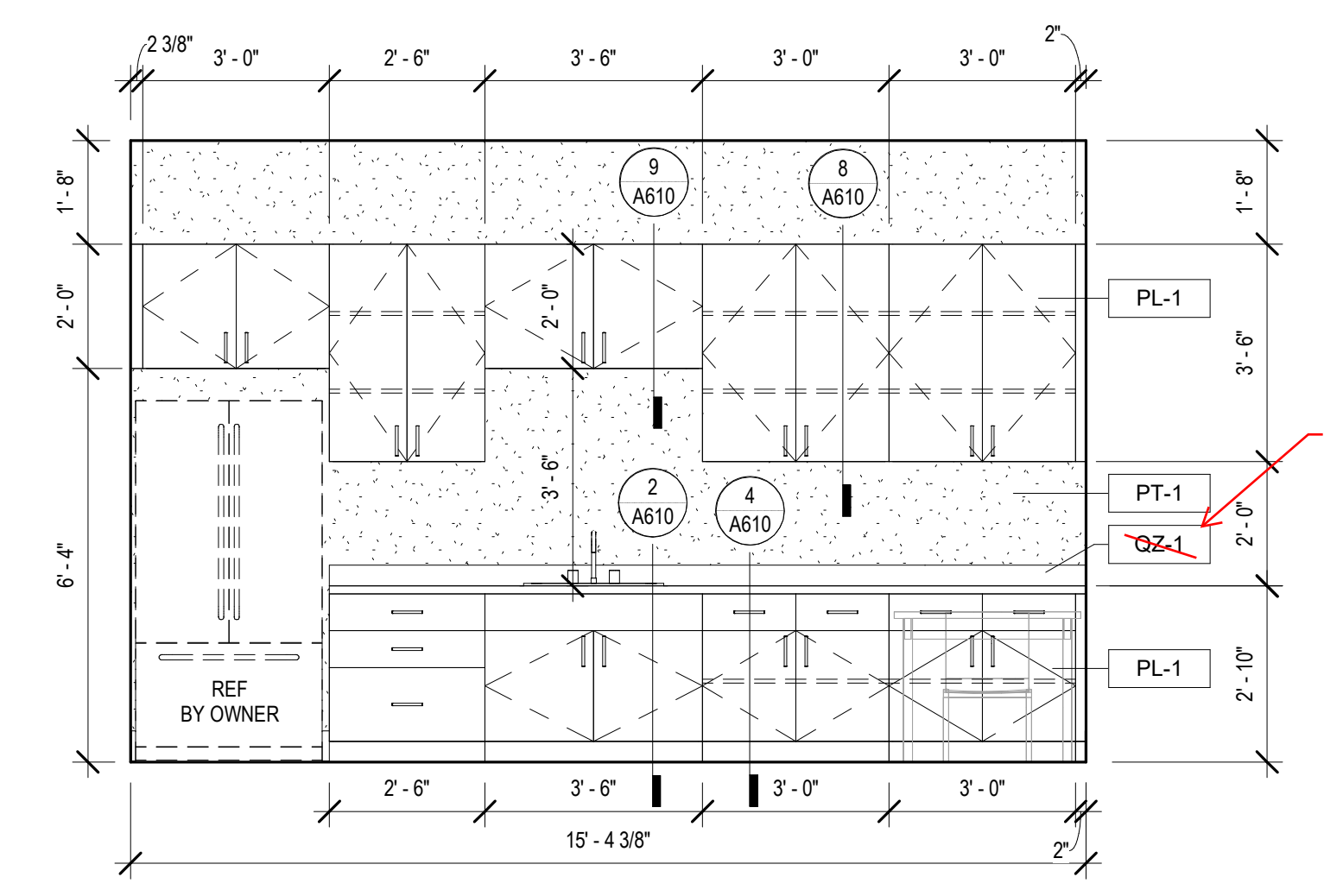
PROJECT TITLE

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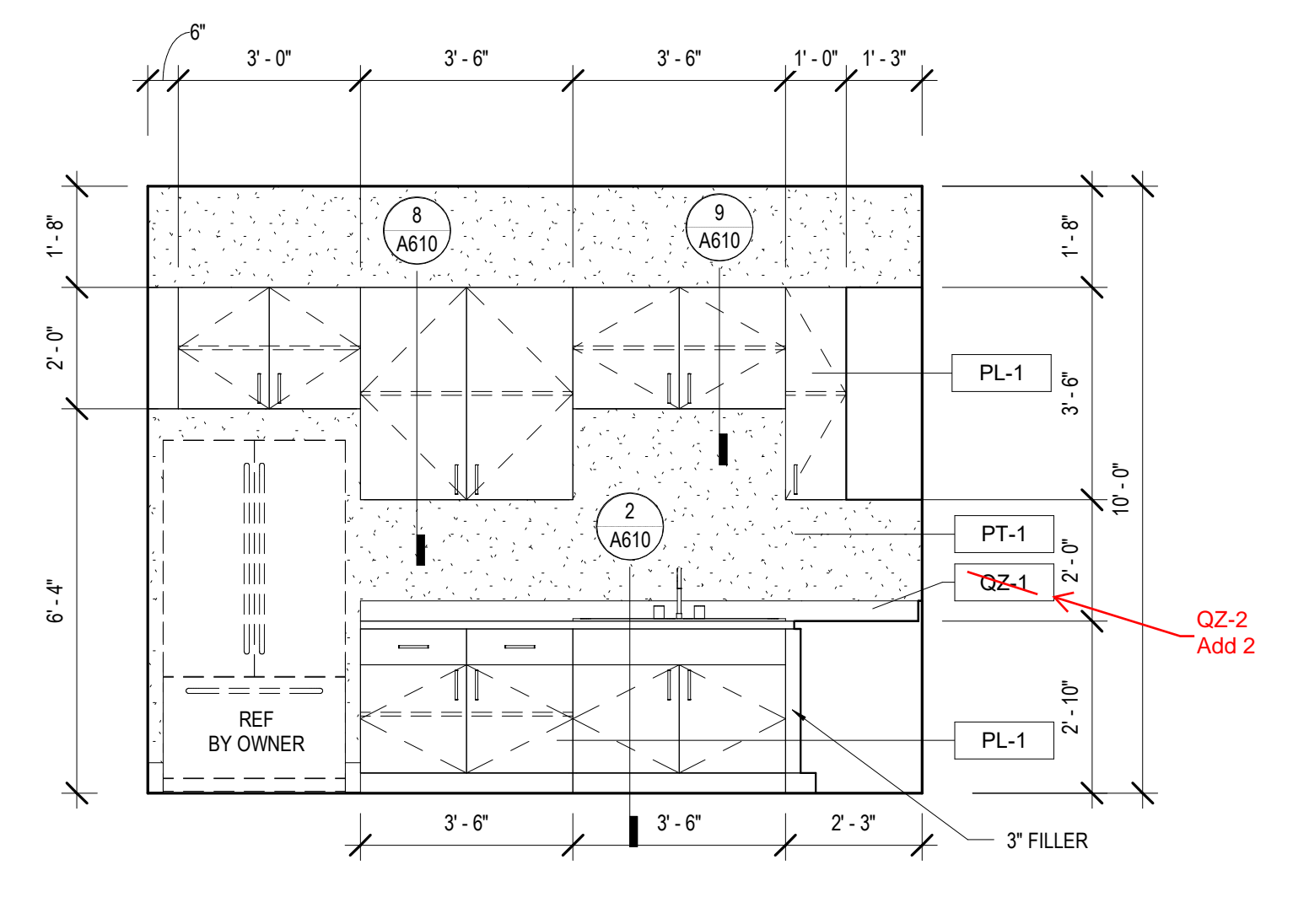
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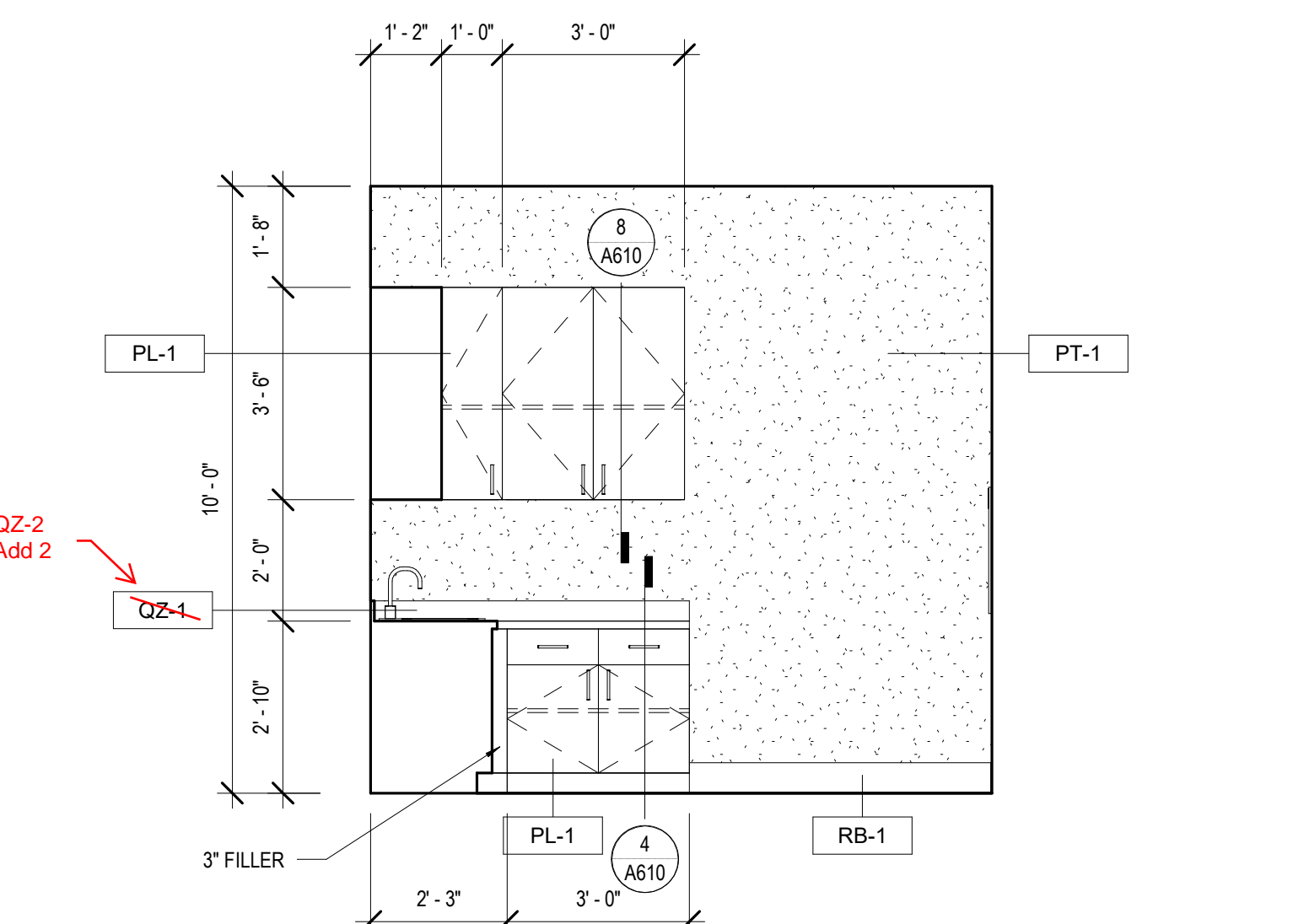
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|---------------------|--------------|------------|------------|
| DESIGNED BY | MBA/ABM | CHECKED BY | RZ/PP |
| DRAWN BY | CF/F/RZ | DATE | 05.05.2023 |
| SHEET TITLE | | | |
| INTERIOR ELEVATIONS | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | A341 |
| | ABM - 201813 | | |



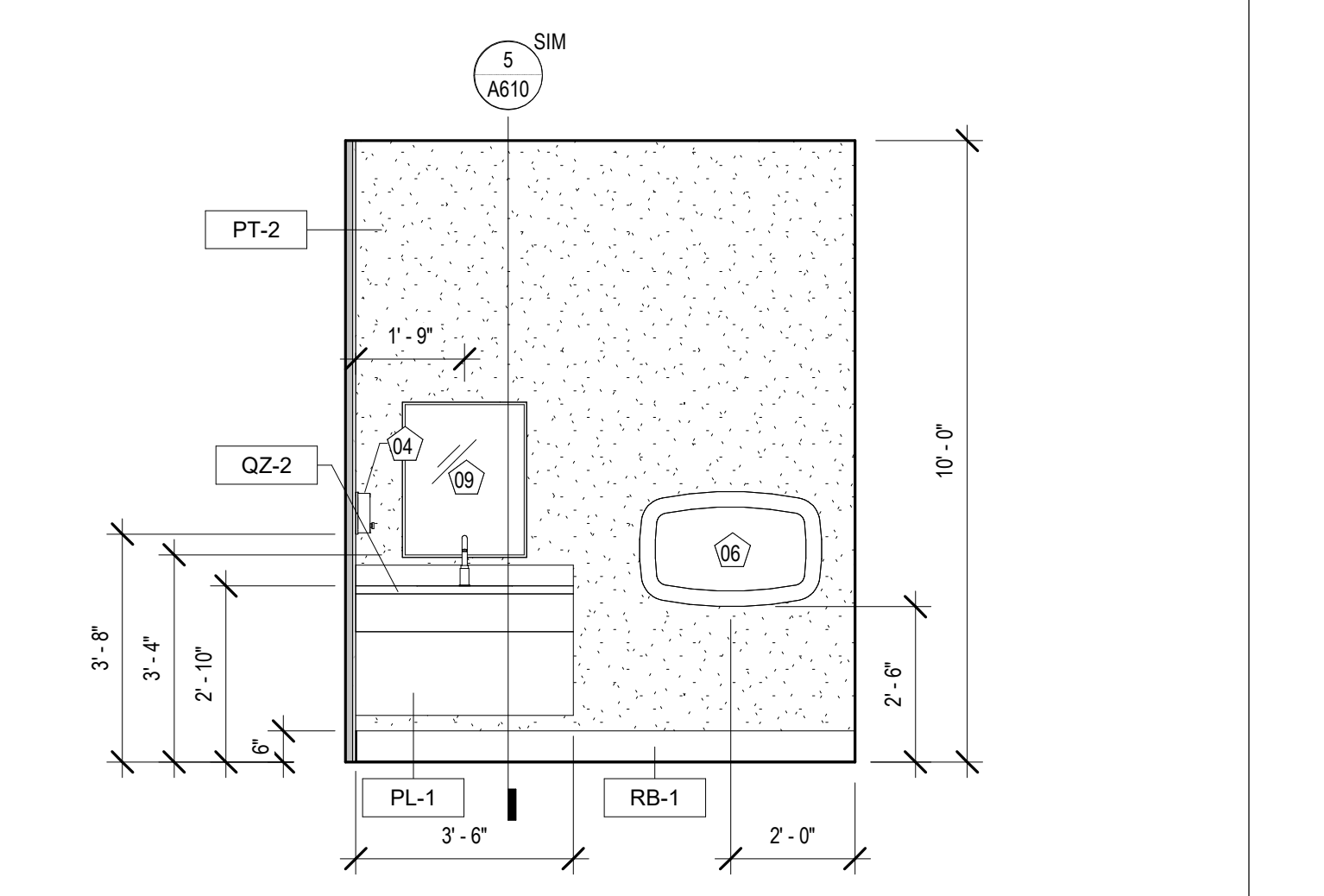
12 INT. ELEVATION - STAFF LOUNGE #121
 A341 3/8" = 1'-0"



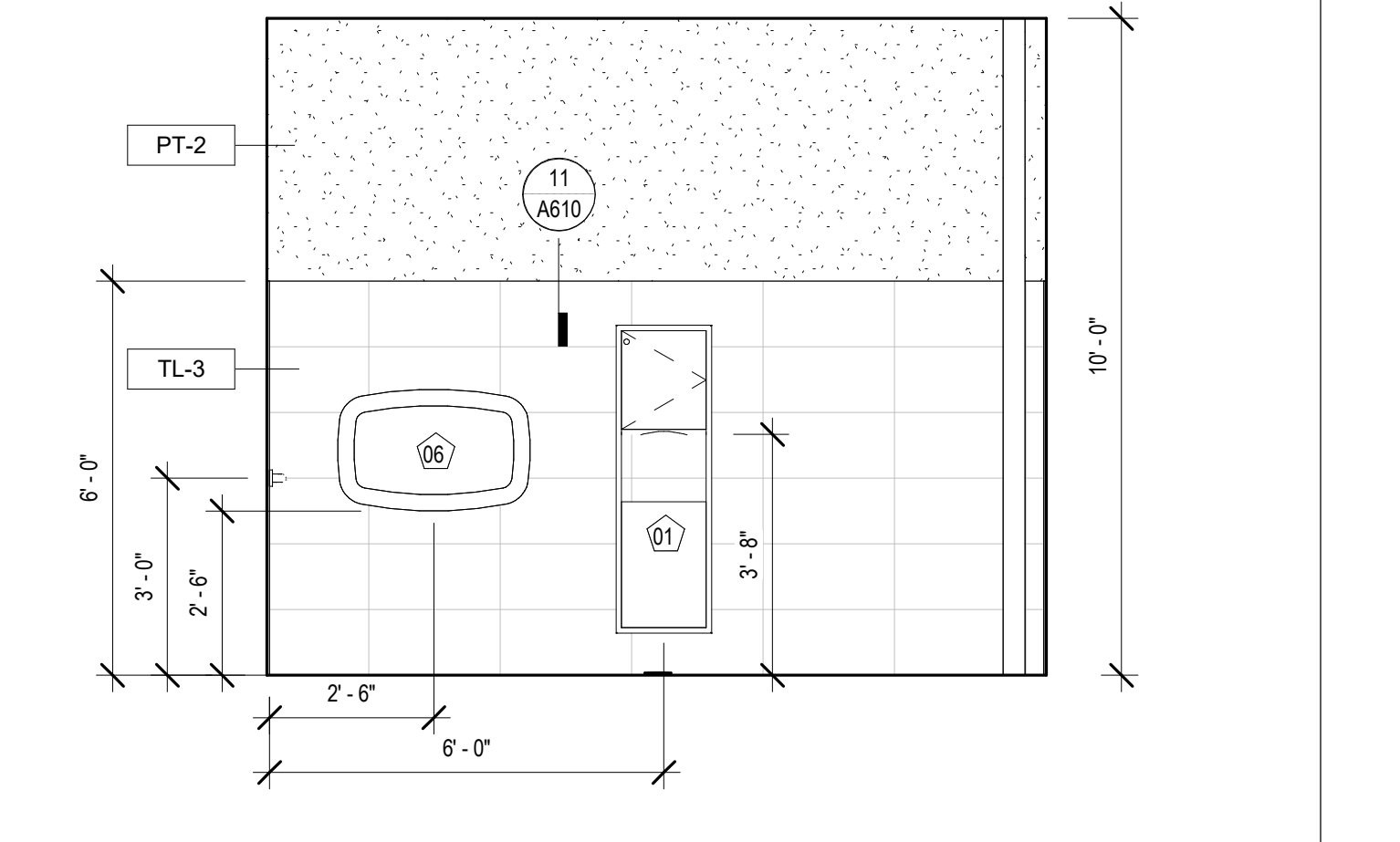
11 INT. ELEVATION - KITCHENETTE #108
 A341 3/8" = 1'-0"



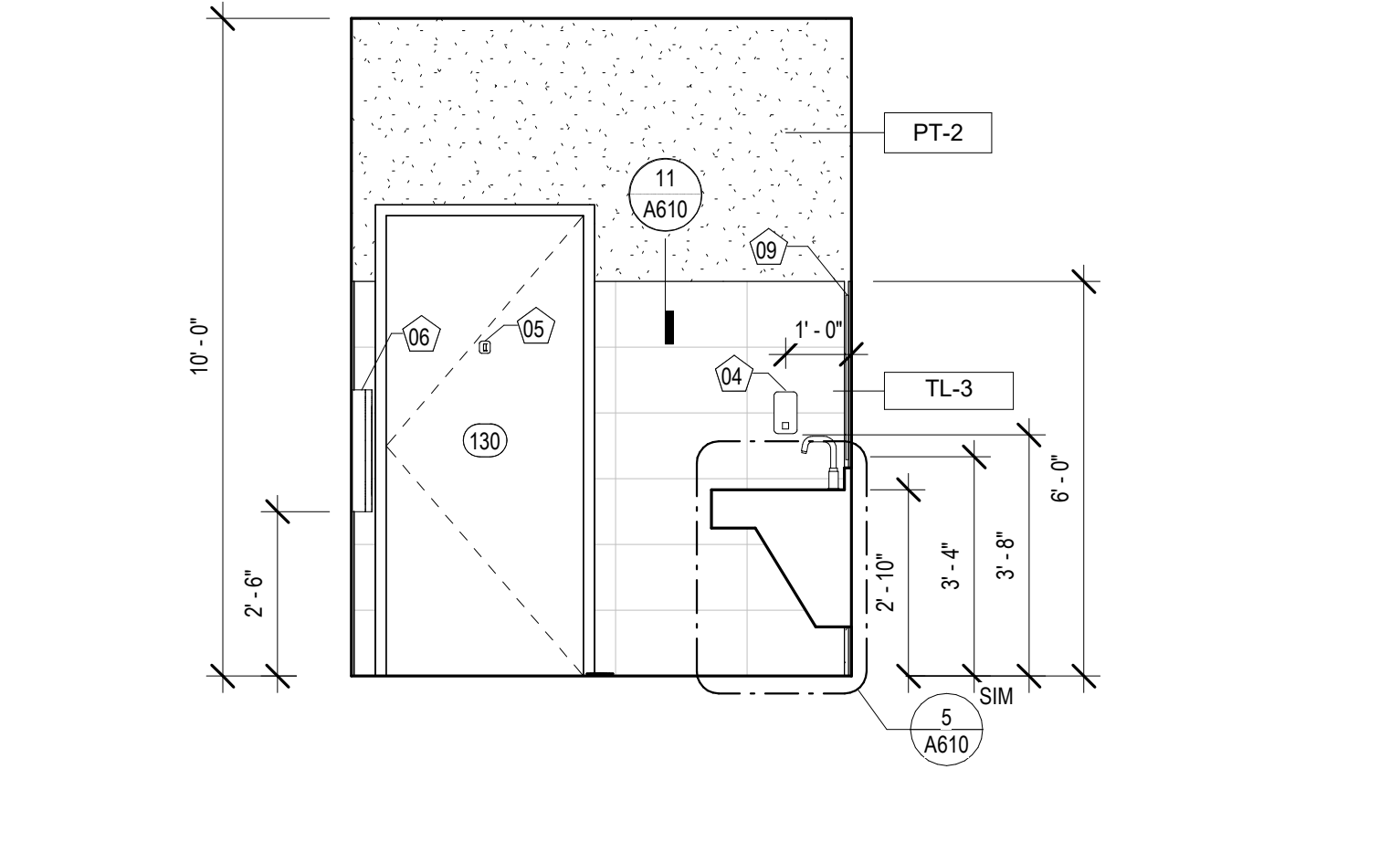
10 INT. ELEVATION - KITCHENETTE #108
 A341 3/8" = 1'-0"



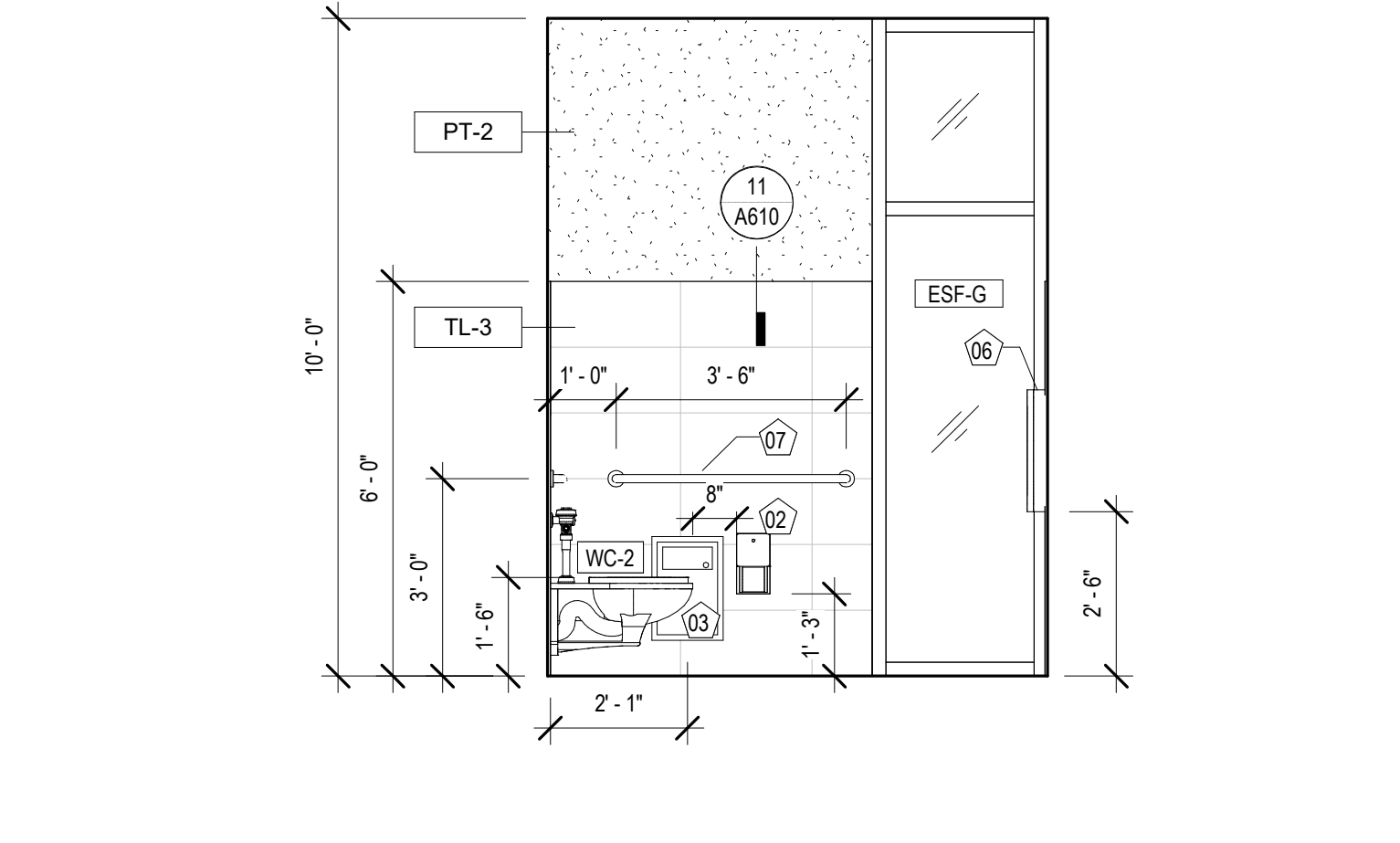
9 INT. ELEVATION - LACTATION #131
 A341 3/8" = 1'-0"



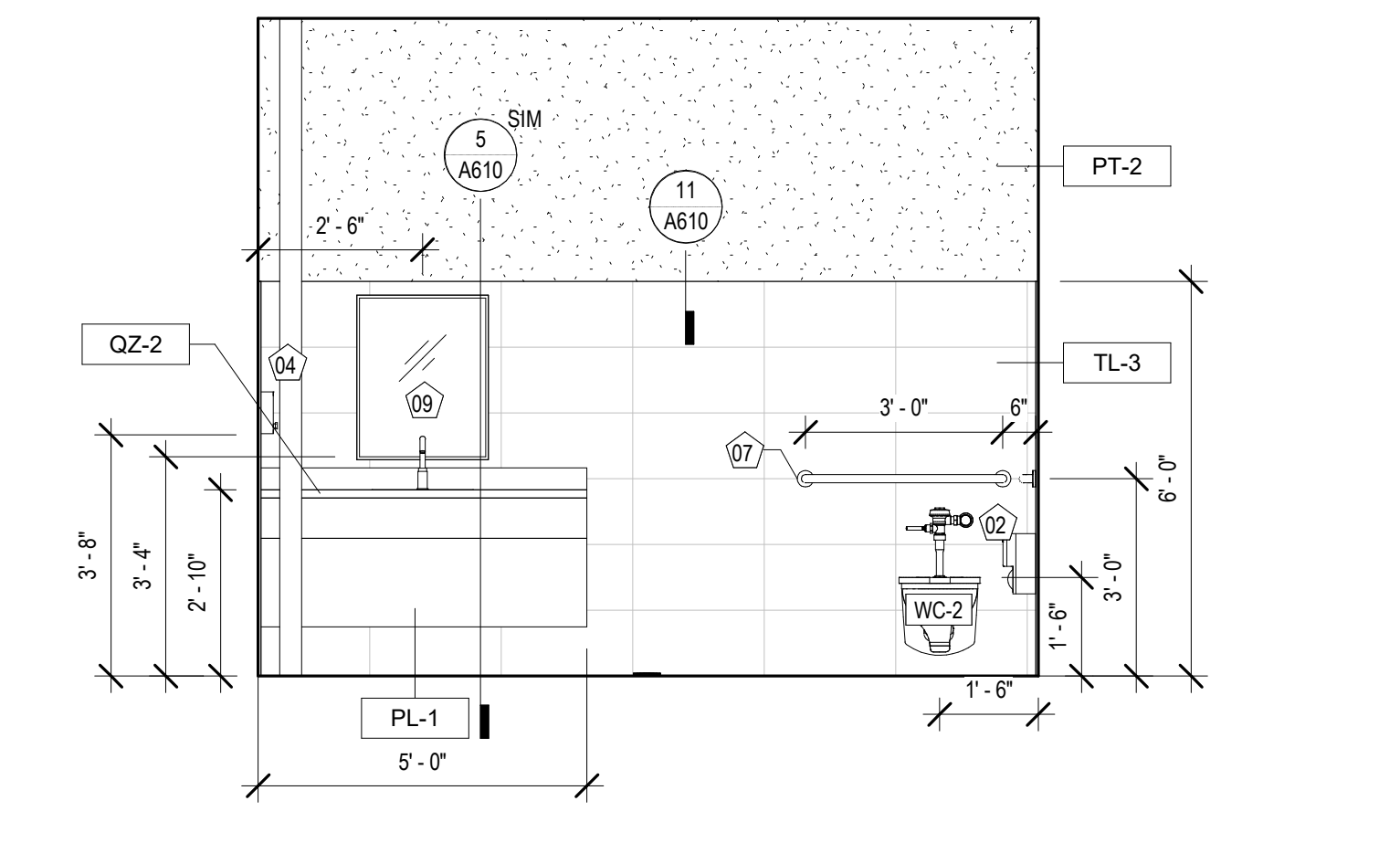
5 INT. ELEVATION - FAMILY #130
 A341 3/8" = 1'-0"



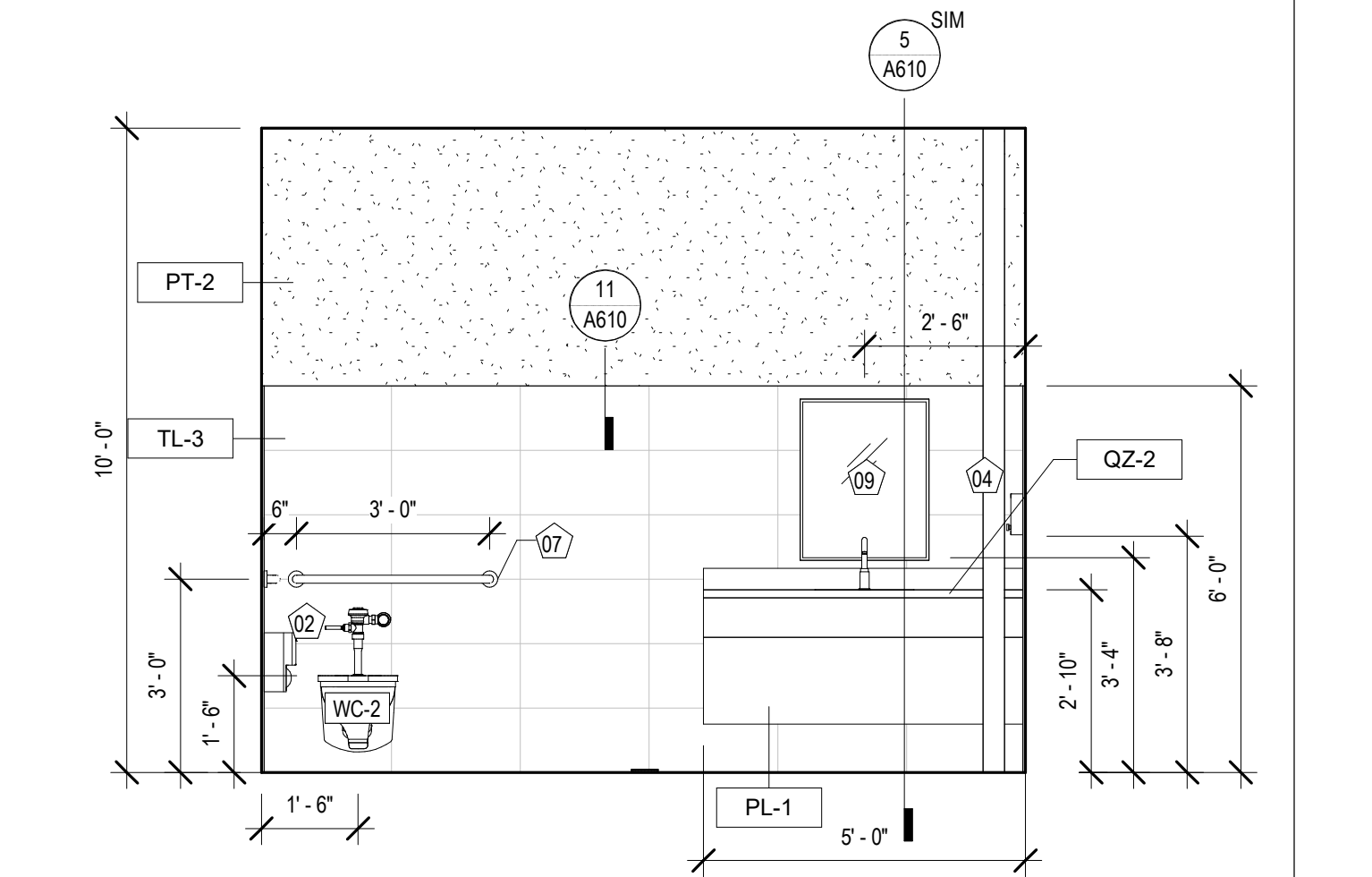
7 INT. ELEVATION - FAMILY #130
 A341 3/8" = 1'-0"



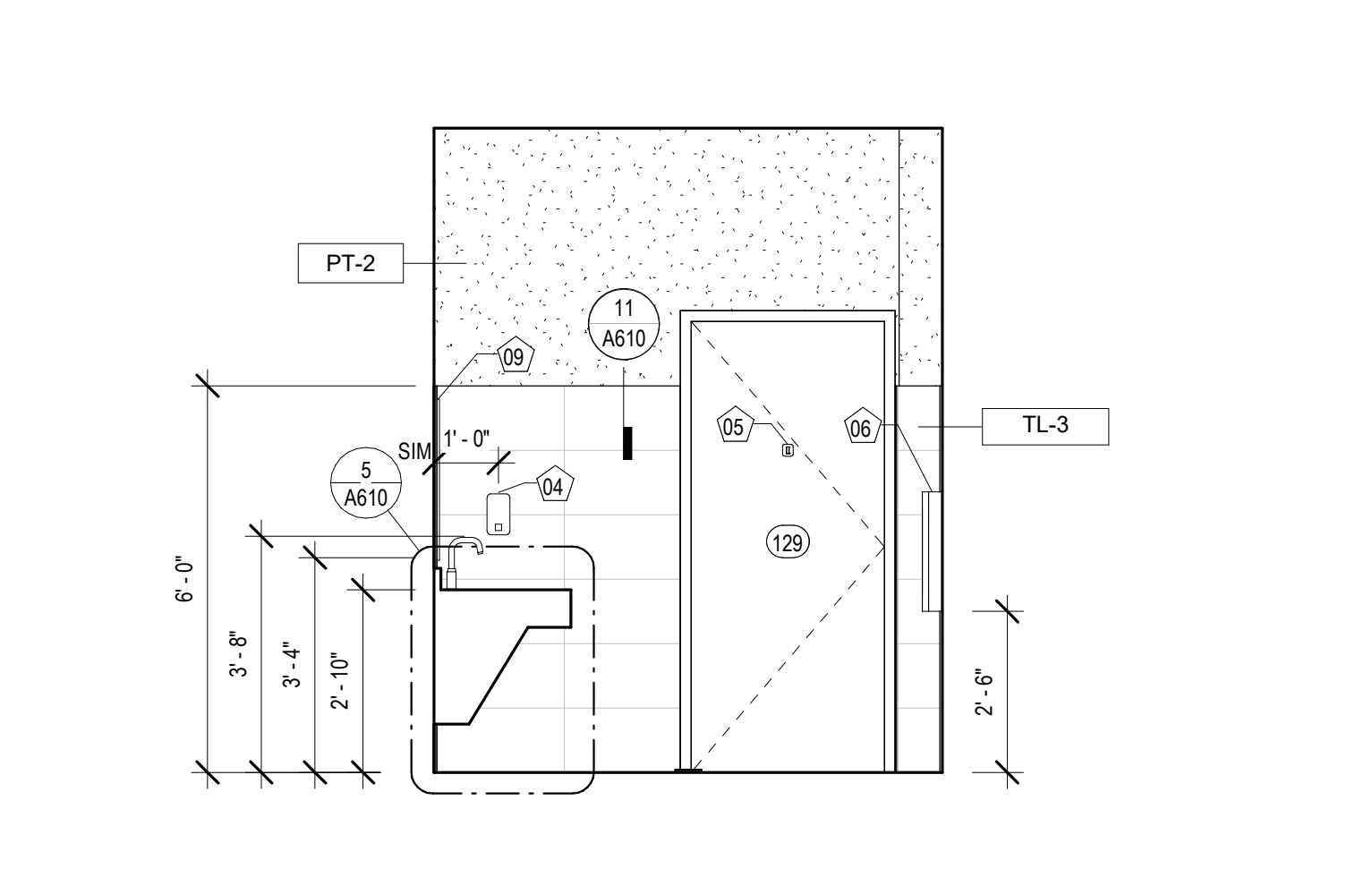
8 INT. ELEVATION - FAMILY RR #130
 A341 3/8" = 1'-0"



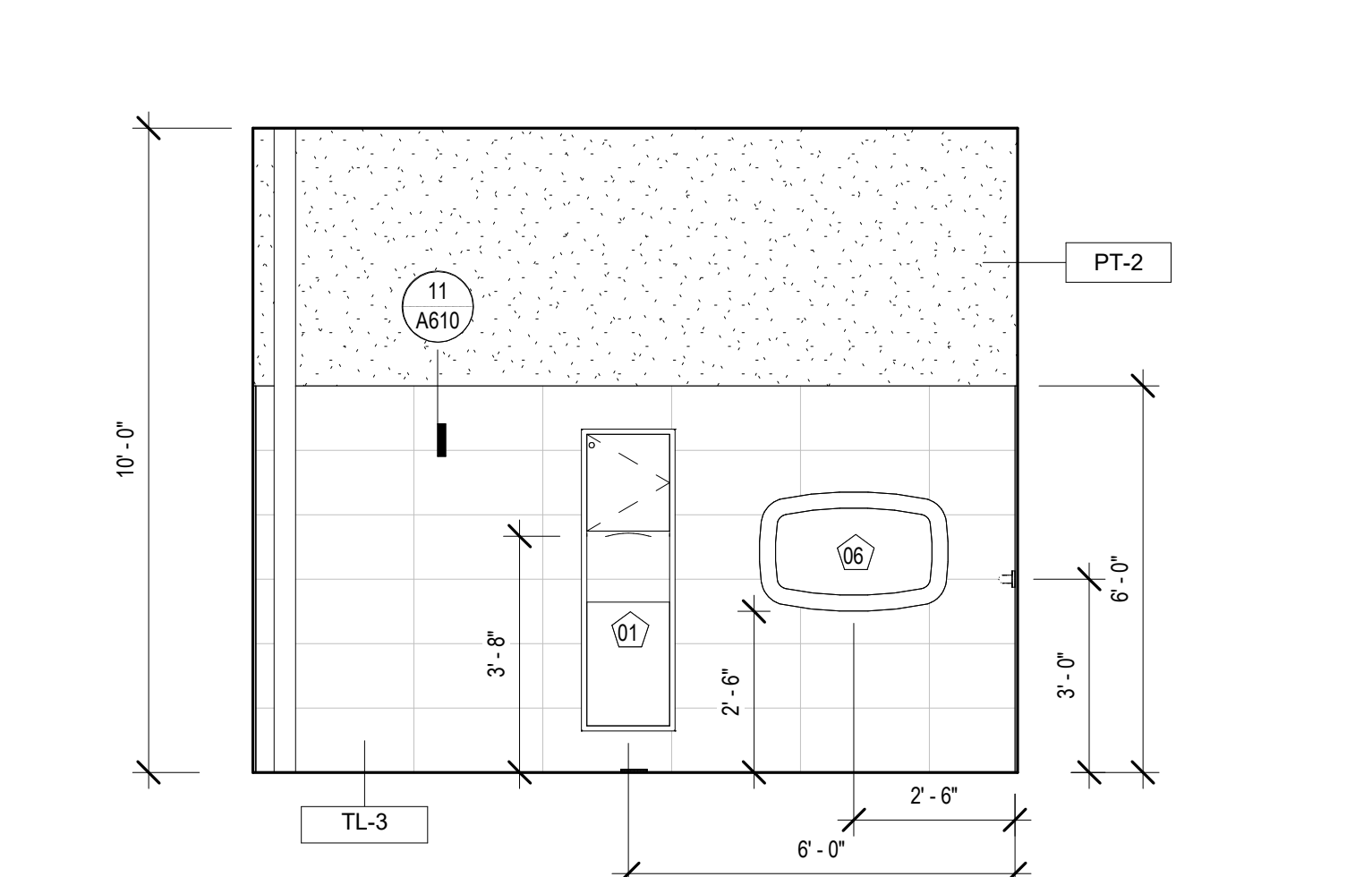
6 INT. ELEVATION - FAMILY RR #130
 A341 3/8" = 1'-0"



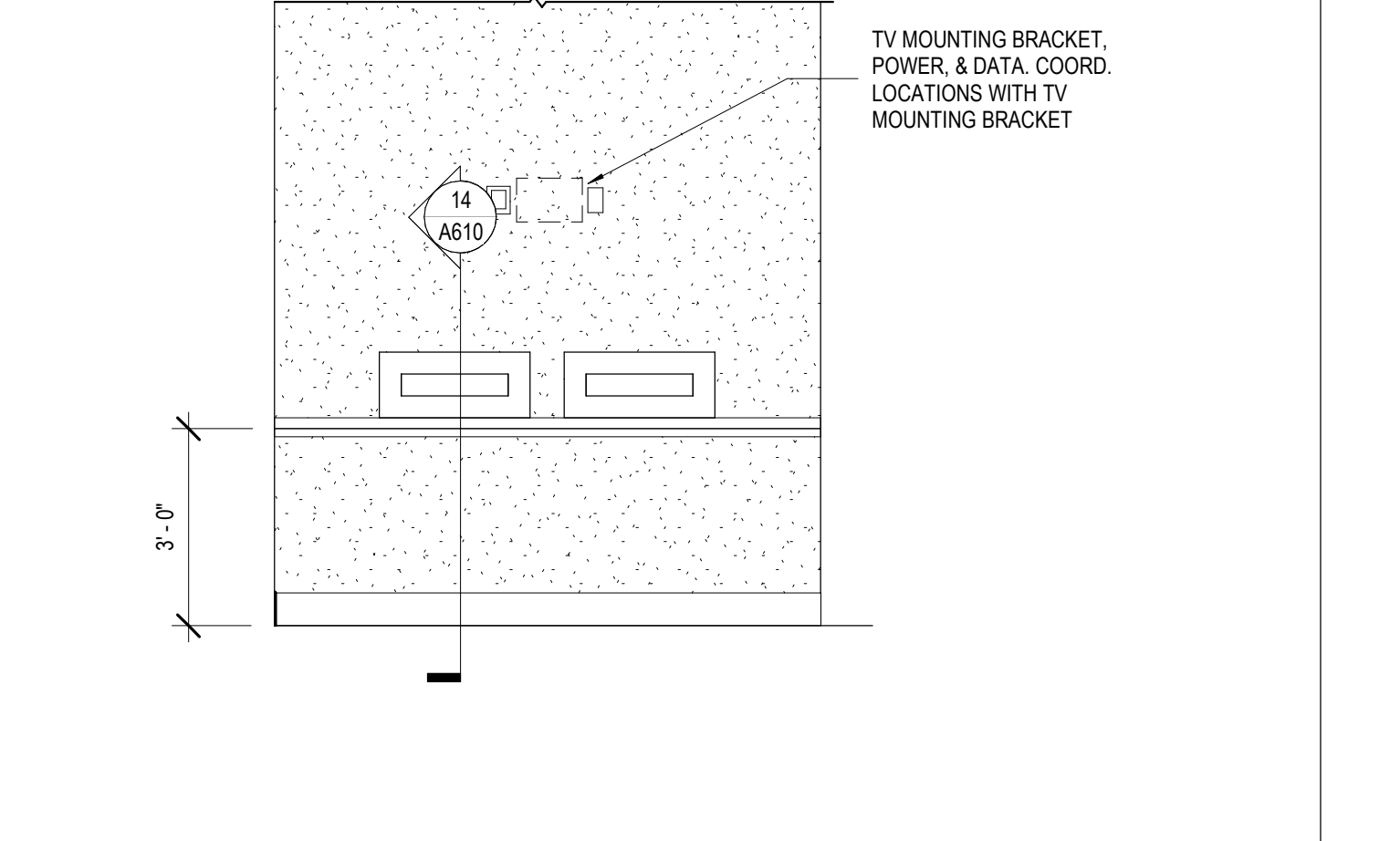
1 INT. ELEVATION - FAMILY RR #129
 A341 3/8" = 1'-0"



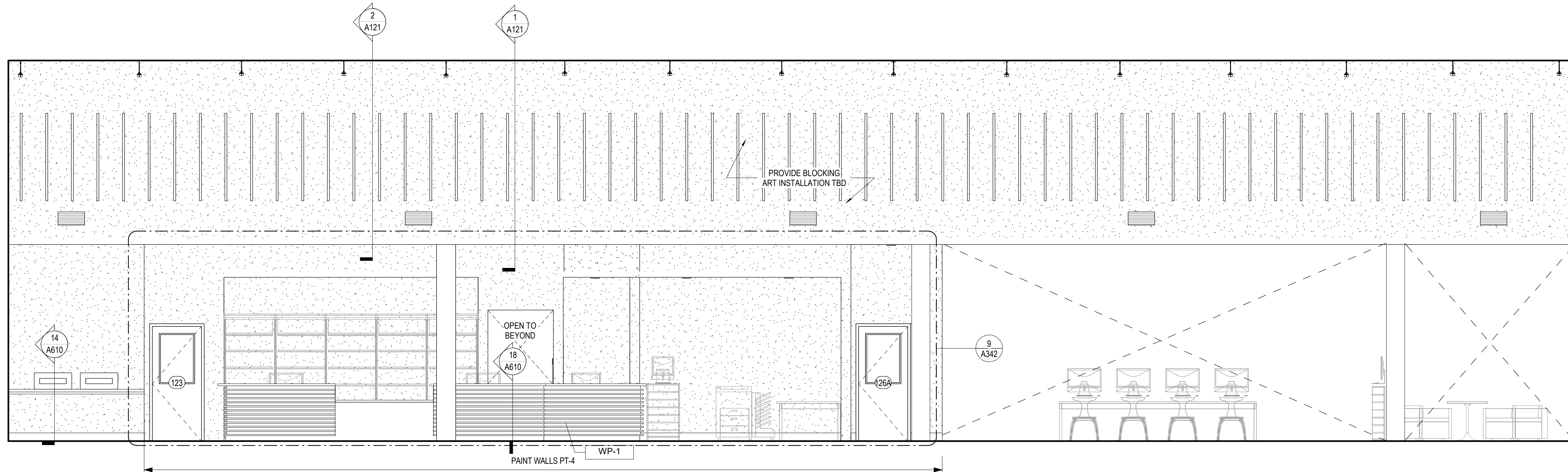
3 INT. ELEVATION - FAMILY RR #129
 A341 3/8" = 1'-0"



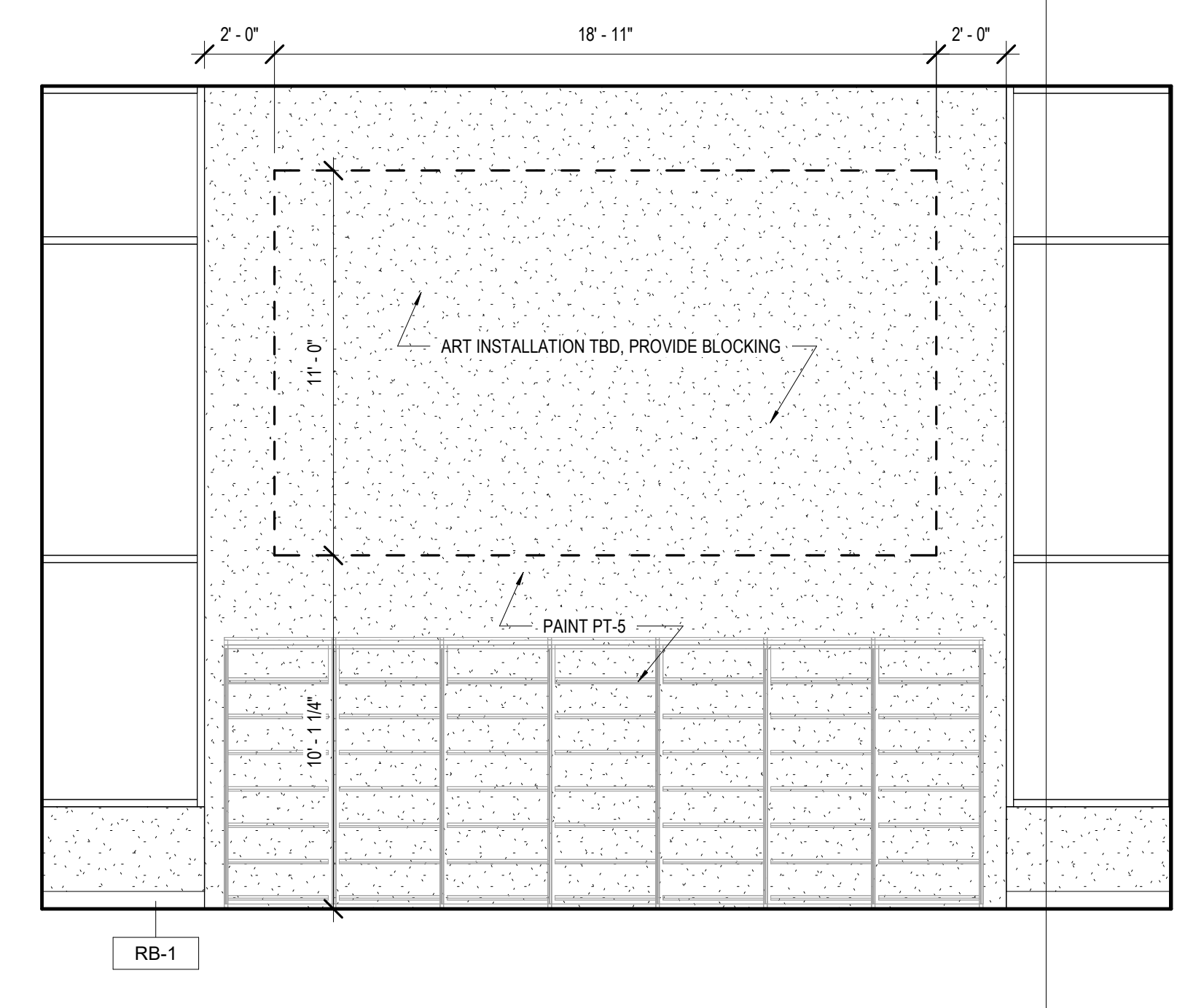
2 INT. ELEVATION - FAMILY RR #129
 A341 3/8" = 1'-0"



13 INT. ELEVATION - BOOK DROP
 A341 3/8" = 1'-0"



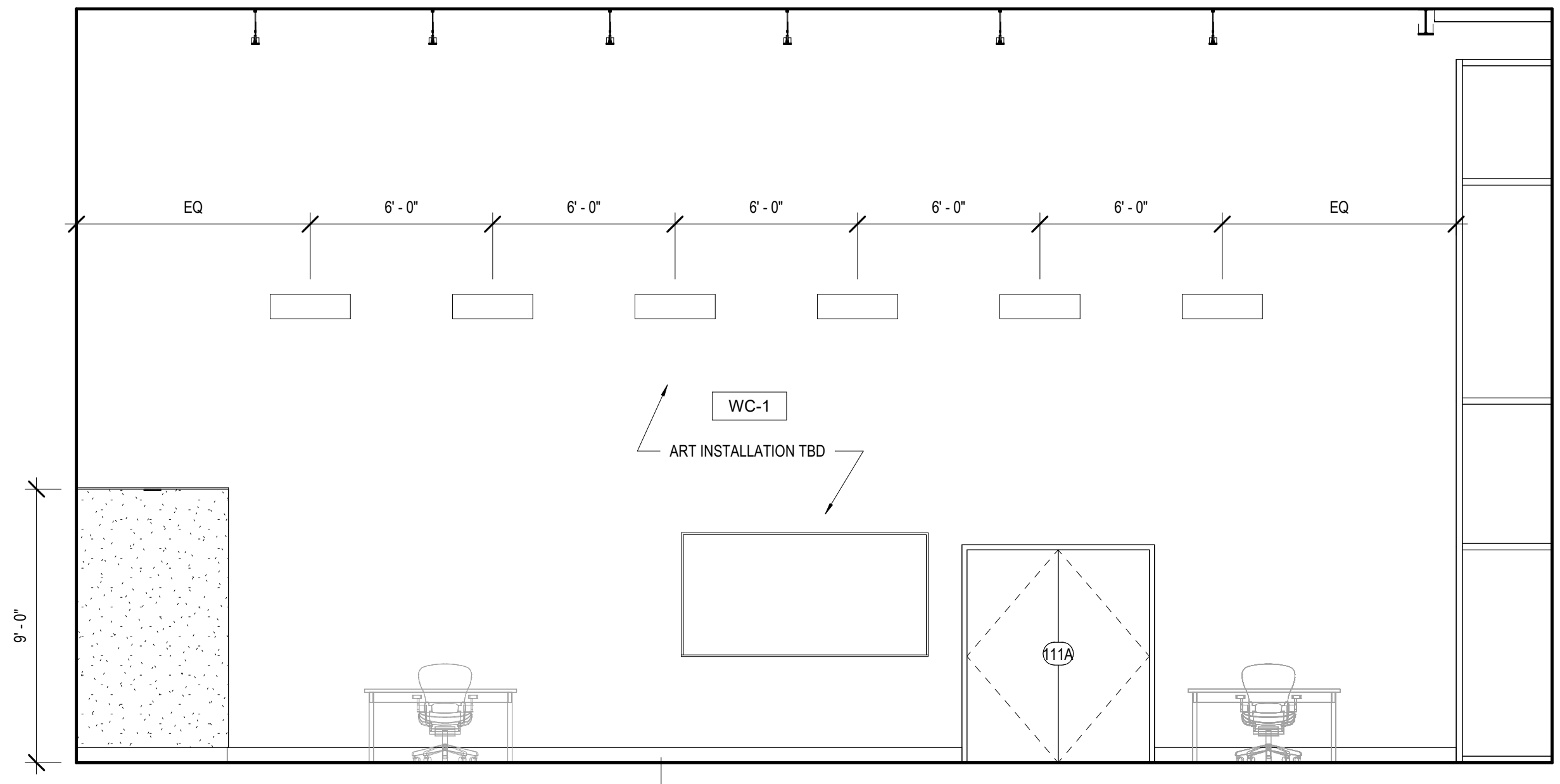
11 INT. ELEVATION - EXHIBIT, NEW BOOKS, ADULT AV - #115
A342 1/4" = 1'-0"



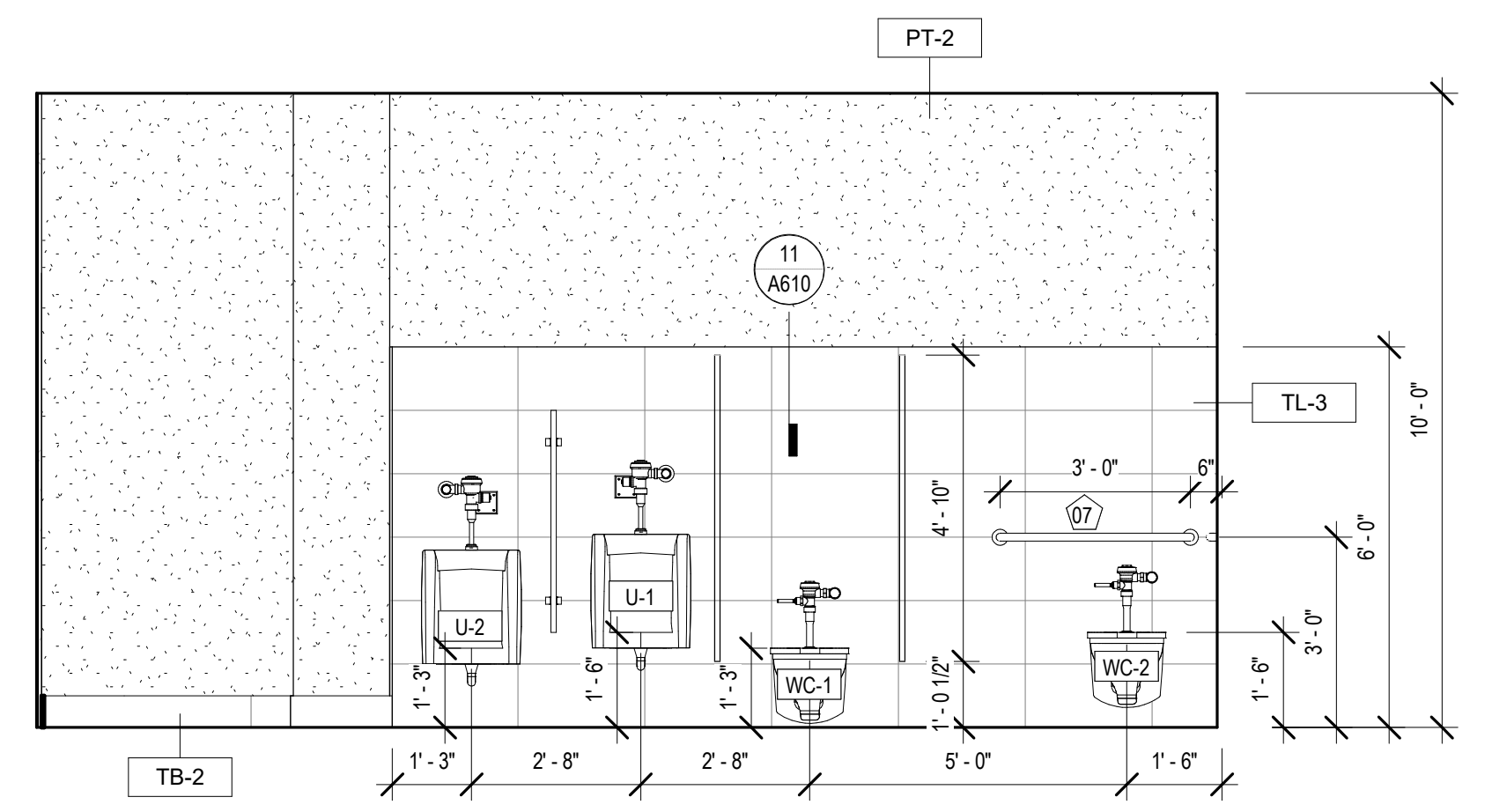
12 INT. ELEVATION - TEEN #140
A342 1/4" = 1'-0"



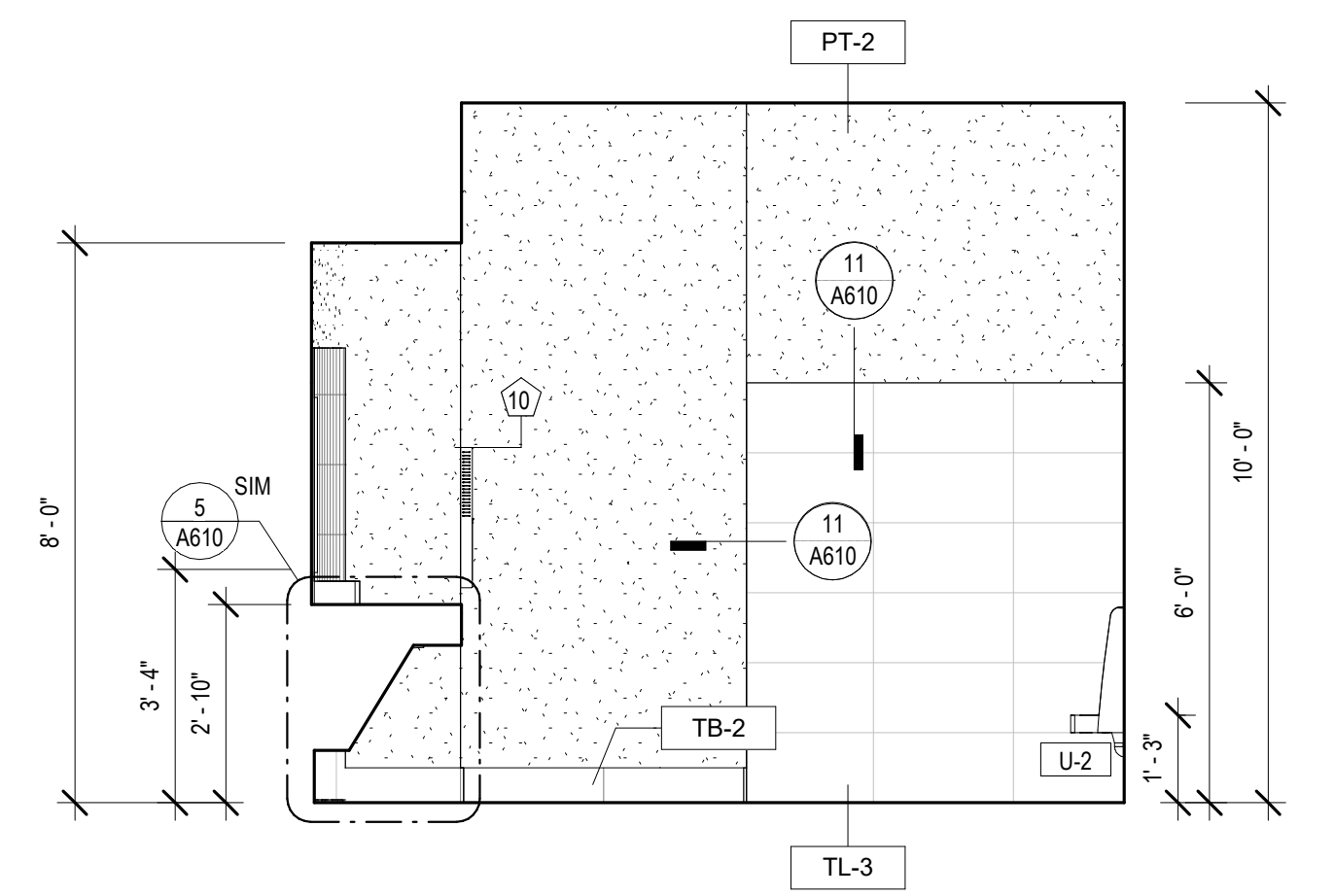
9 INT. ELEVATION - EXHIBIT, NEW BOOKS, ADULT AV - #115
A342 3/8" = 1'-0"



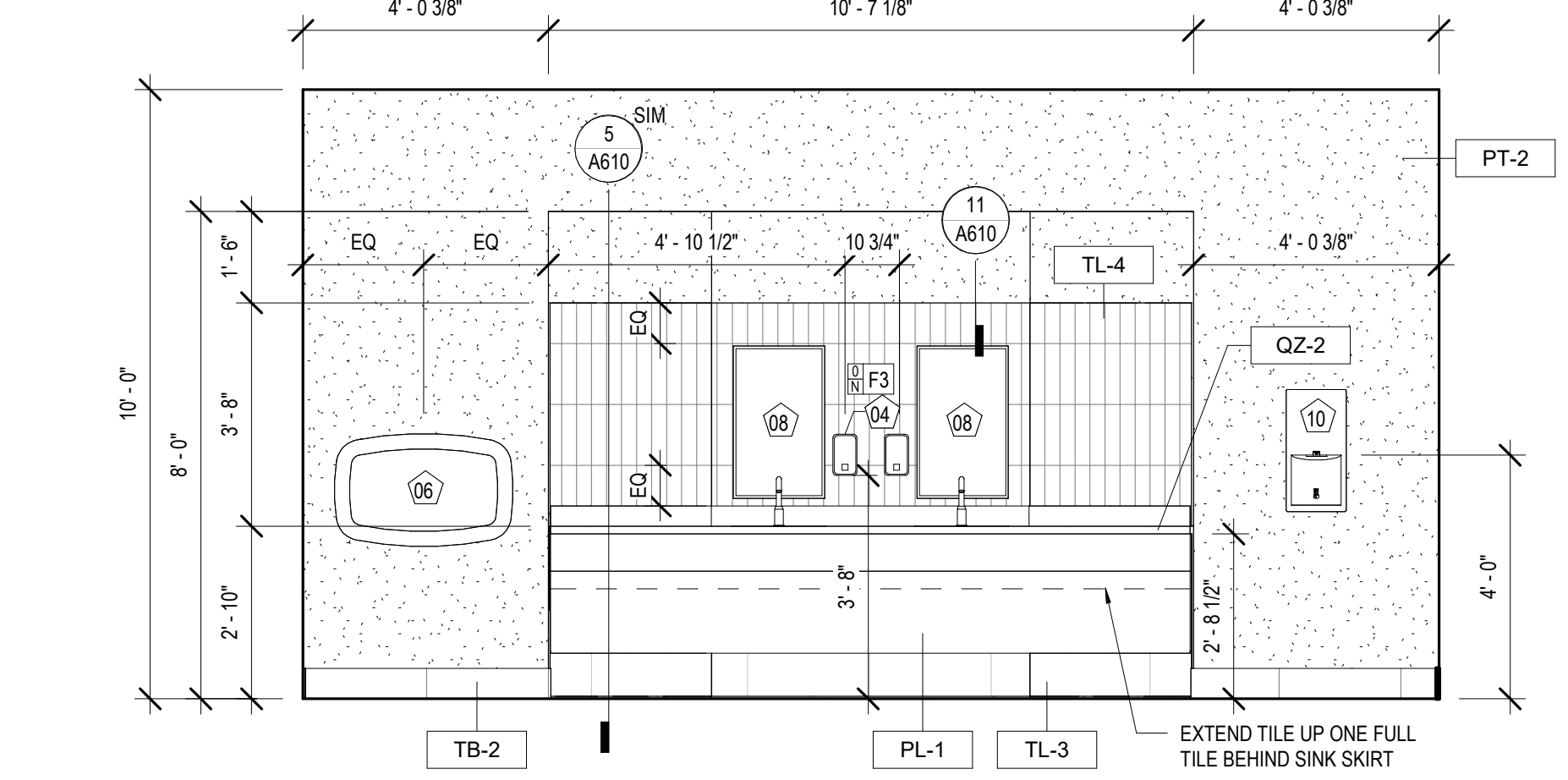
10 INT. ELEVATION - MULTI PURPOSE #113
A342 1/4" = 1'-0"



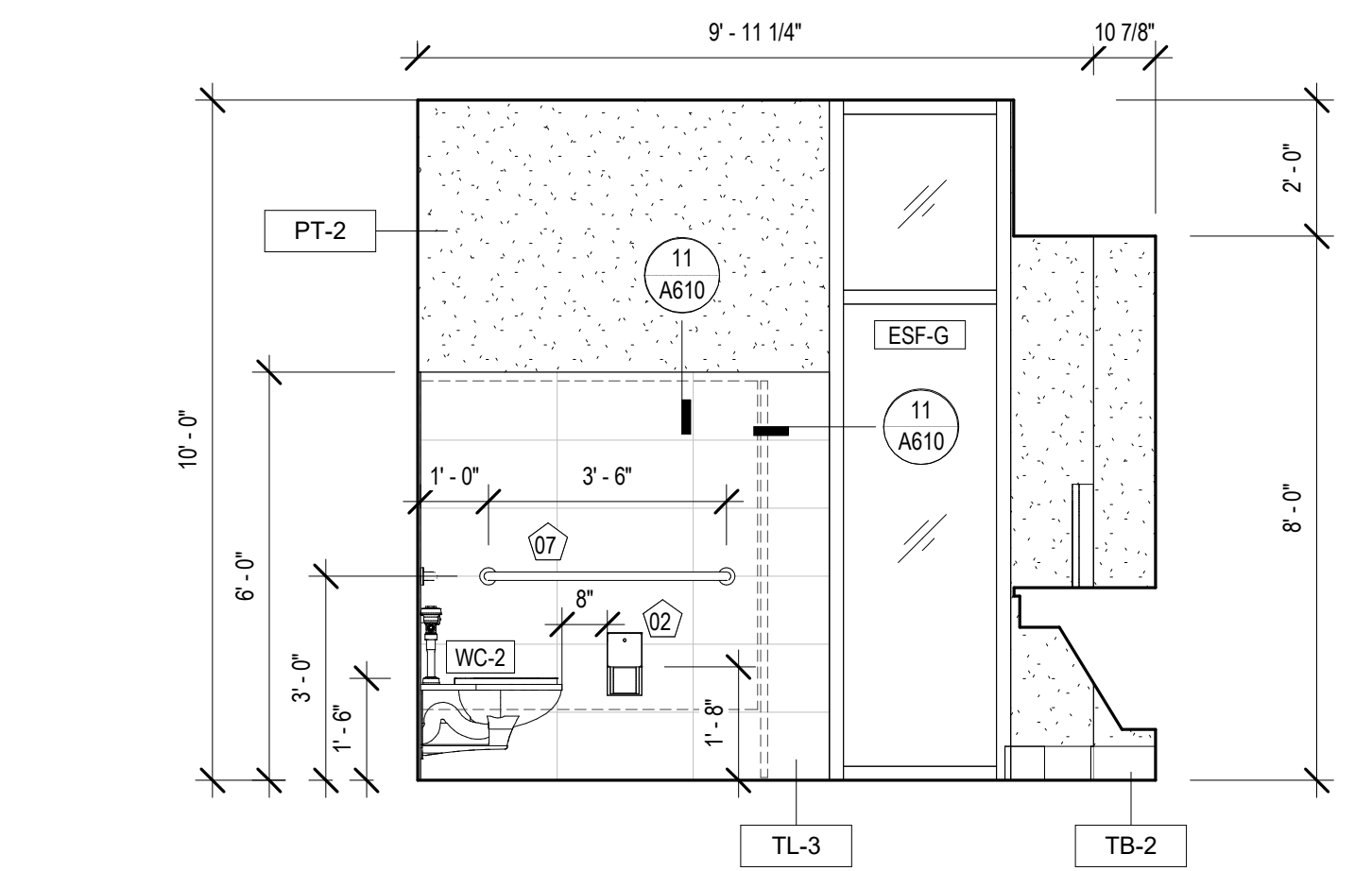
5 INT. ELEVATION - MENS #104
A342 3/8" = 1'-0"



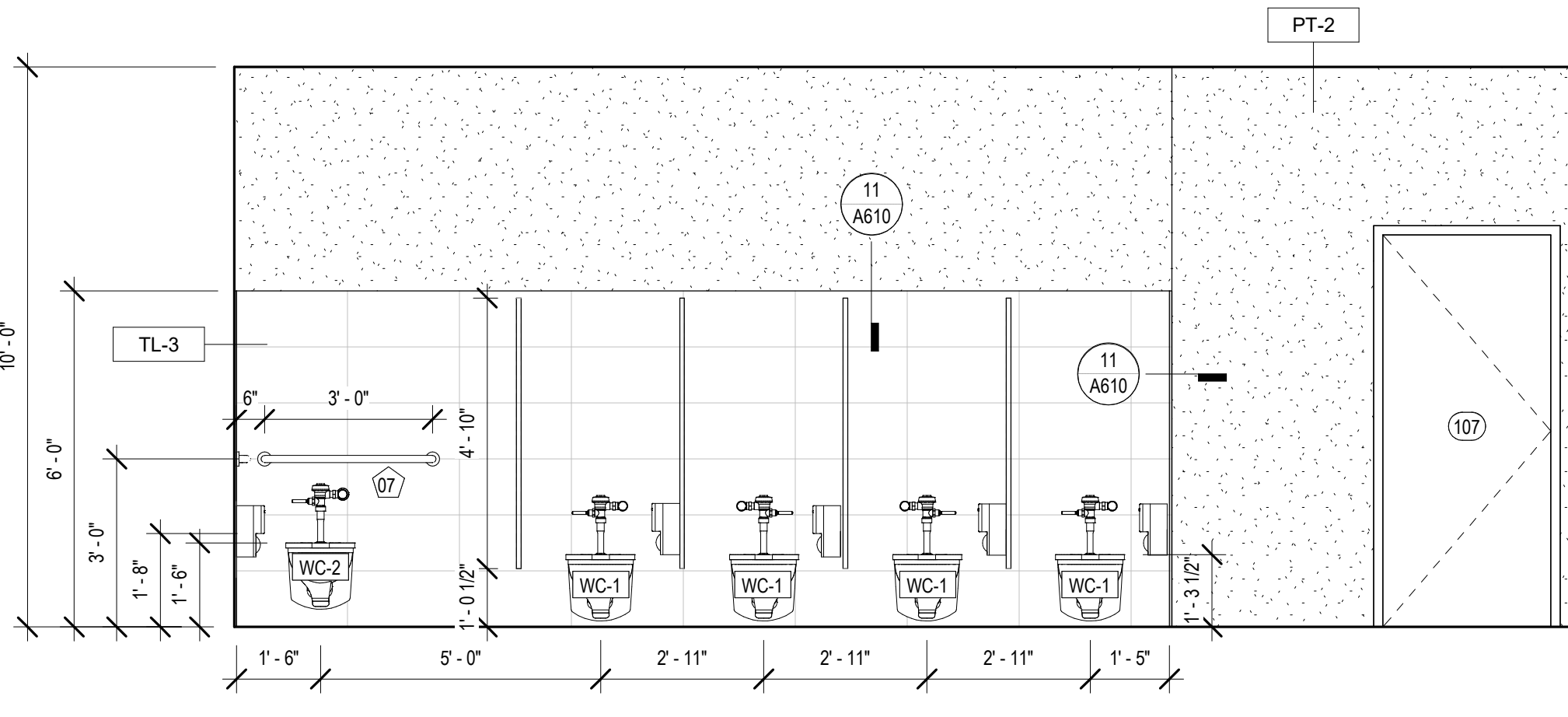
6 INT. ELEVATION - MENS #104
A342 3/8" = 1'-0"



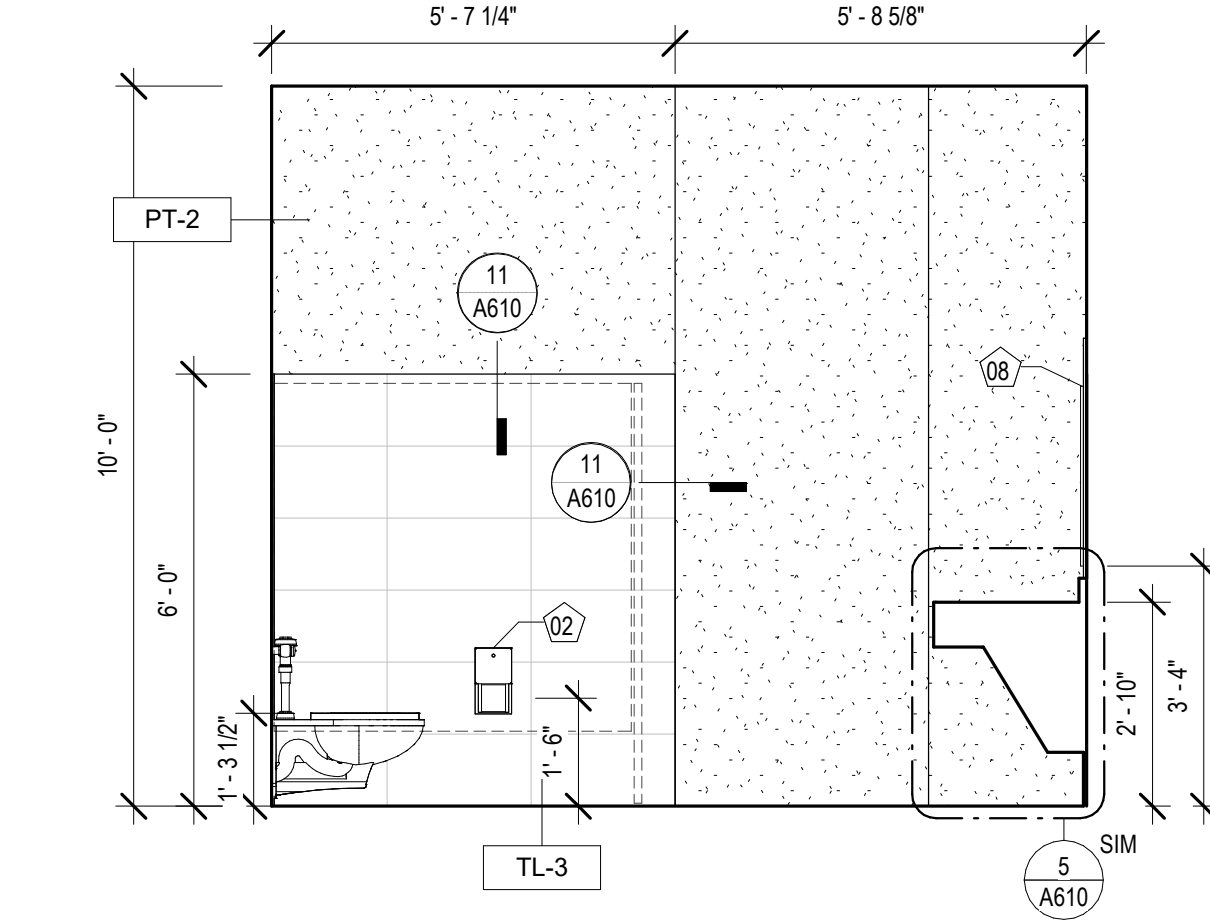
7 INT. ELEVATION - MENS #104
A342 3/8" = 1'-0"



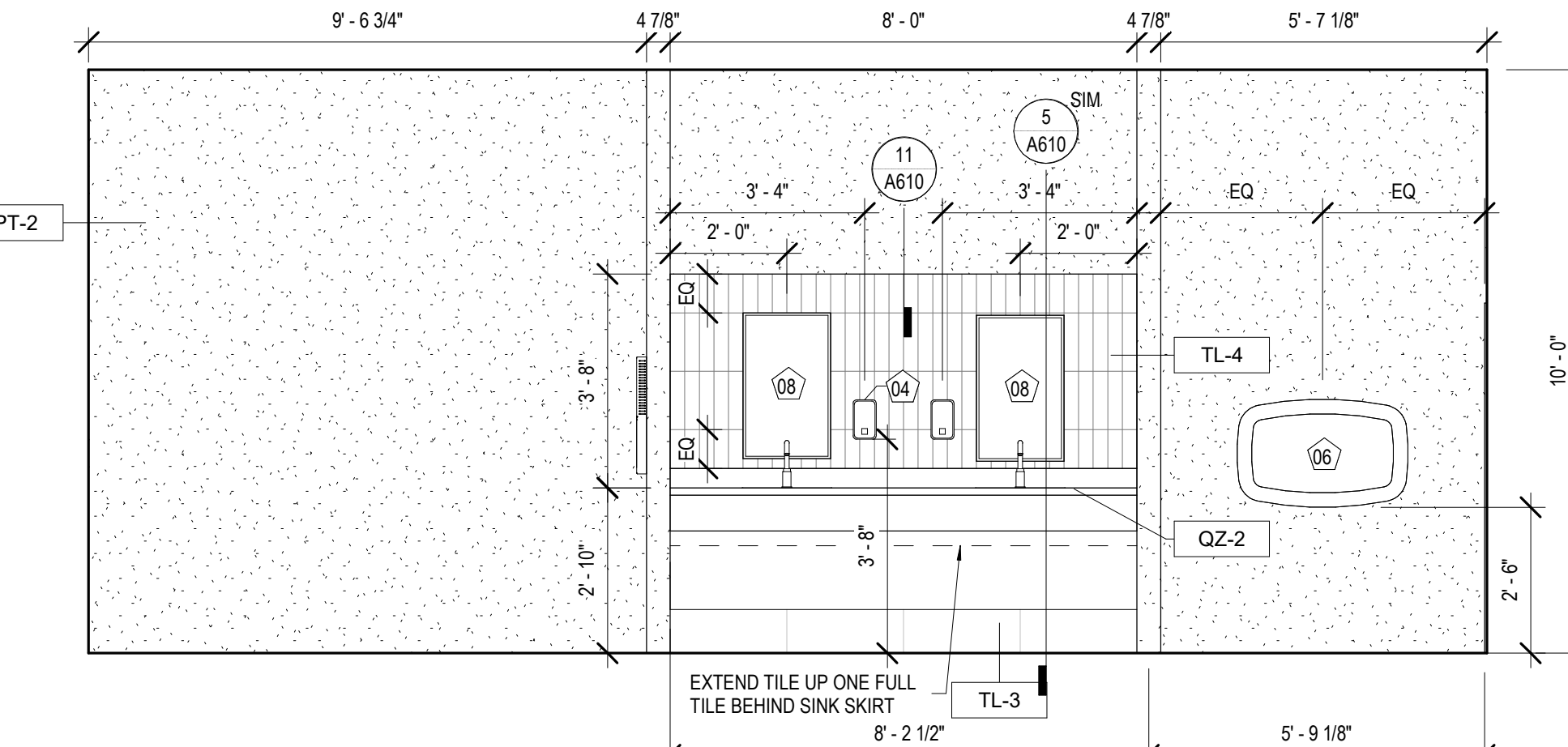
8 INT. ELEVATION - MENS #104
A342 3/8" = 1'-0"



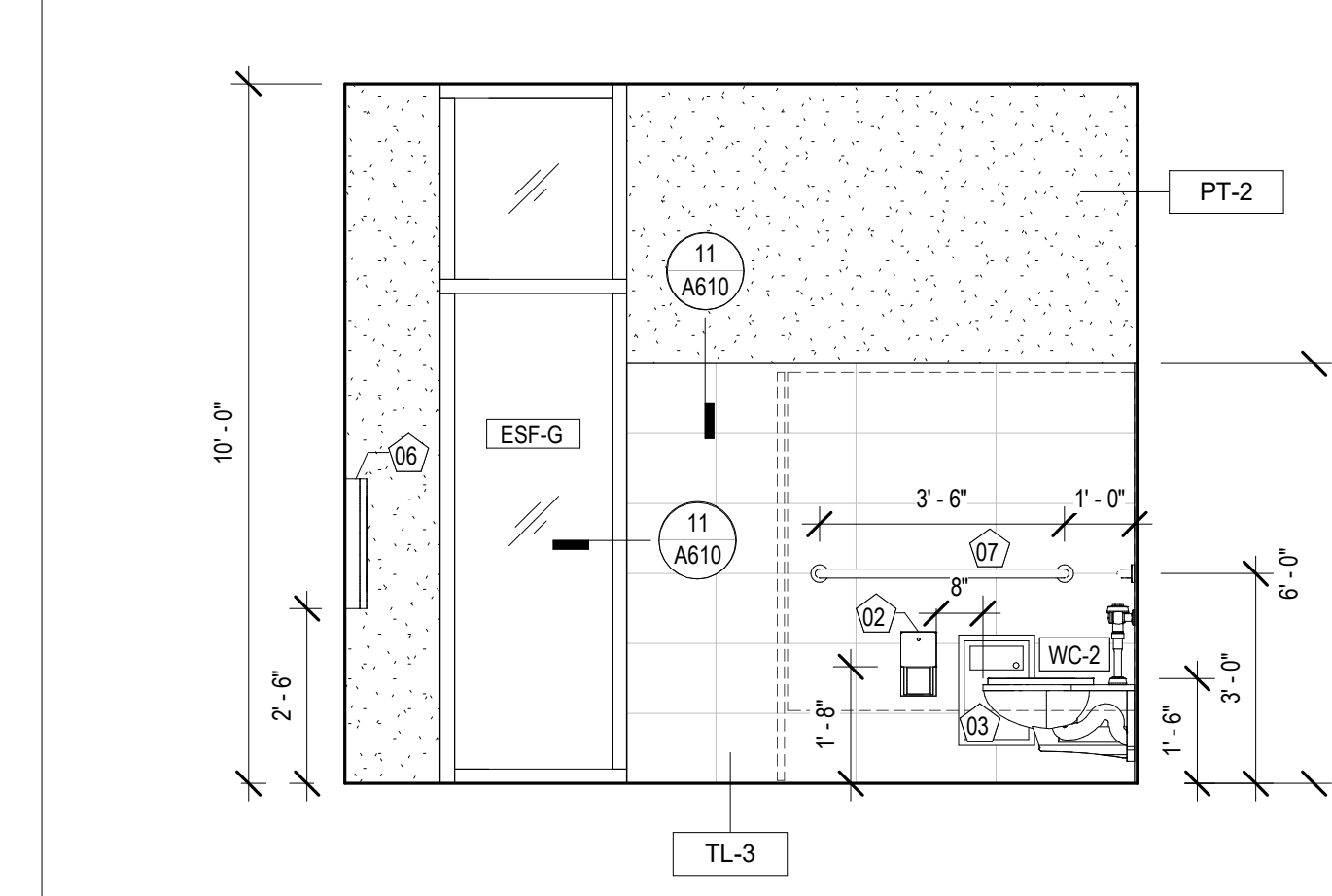
1 INT. ELEVATION - WOMEN'S #107
A342 3/8" = 1'-0"



2 INT. ELEVATION - WOMEN'S #107
A342 3/8" = 1'-0"



3 INT. ELEVATION - WOMEN'S #107
A342 3/8" = 1'-0"



4 INT. ELEVATION - WOMEN'S #107
A342 3/8" = 1'-0"

MATERIALS KEYING/ GENERAL NOTES

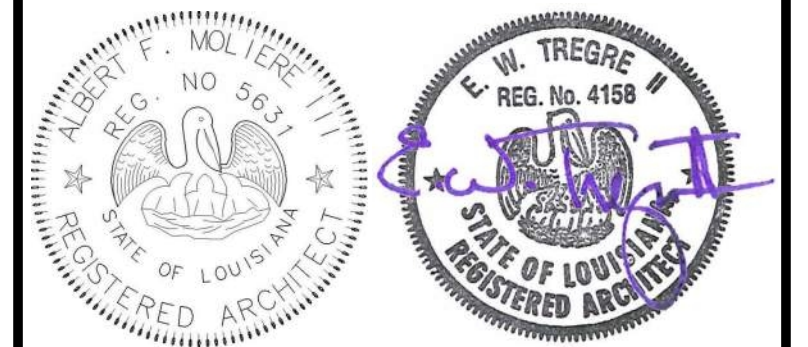
TOILET ROOM ACCESSORY LEGEND

| | |
|----|--|
| 01 | PAPER TOWEL DISPENSER / WASTE RECEPTACLE |
| 02 | SURFACE MOUNTED TOILET TISSUE DISPENSER |
| 03 | SANITARY NAPKIN DISPOSAL |
| 04 | SURFACE MOUNTED SOAP DISPENSER |
| 05 | COAT HOOK |
| 06 | BABY CHANGING STATION |
| 07 | 36" & 42" GRAB BAR |
| 08 | MIRROR 18" x 30" |
| 09 | MIRROR 36" x 30" |
| 10 | HANDDRYER |

NOTE: SEE SHEET A130 FOR MODEL #'S

EQUIPMENT SCHEDULE

| Type Mark | Description |
|-----------|--------------------------------|
| 01 | EXISTING COMPUTER & MONITOR |
| 02 | NEW 70" TV MONITOR |
| 03 | EXISTING NEC SIGNAGE TV |
| 04 | EXISTING PROMETHAN VIDEO BOARD |
| 05 | EXISTING PAC STATION |



| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |
| | | |

KEY PLAN

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Voice: 504.586.9303. Fax: 504.582.1305

300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

PROJECT TITLE

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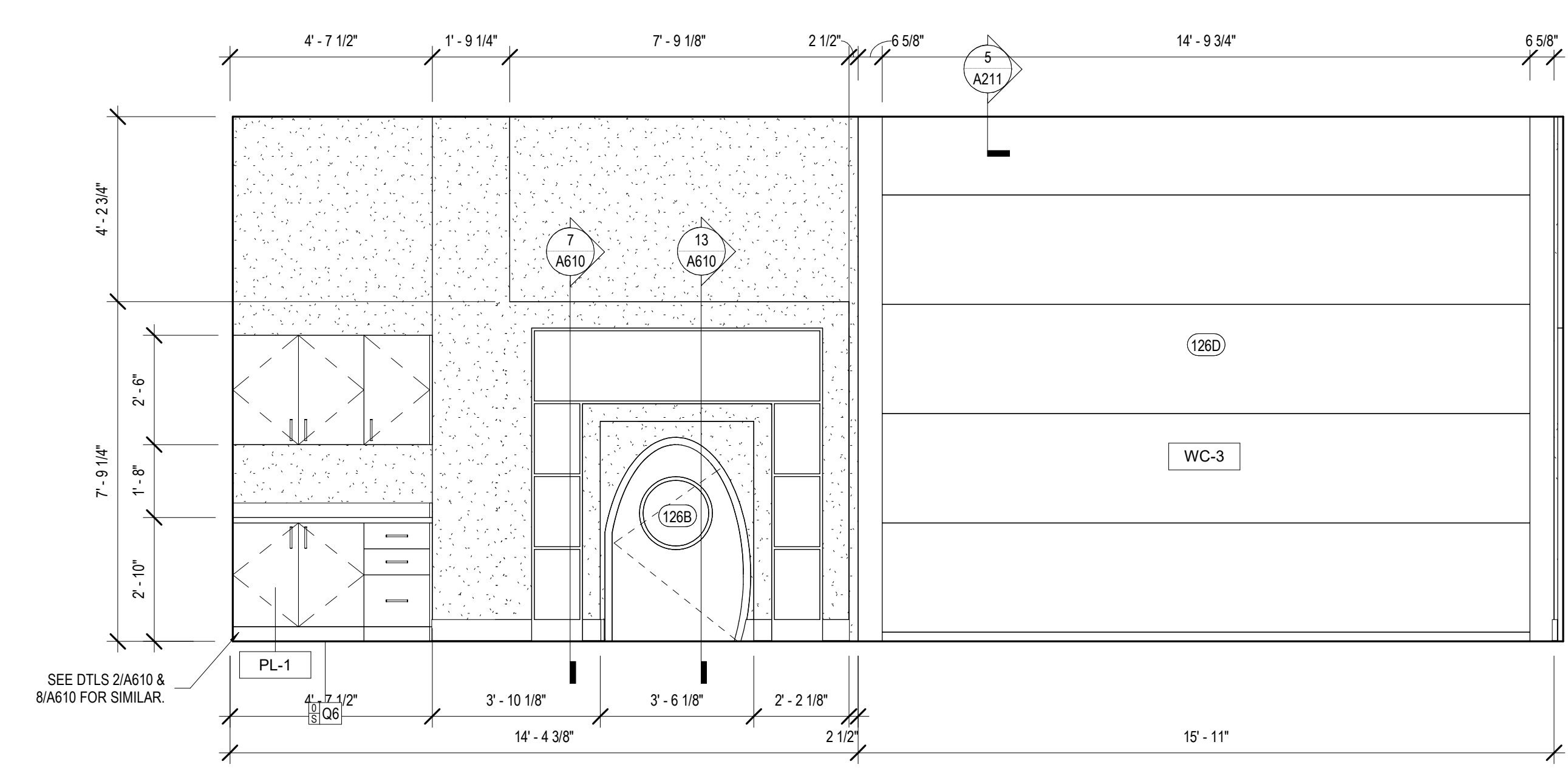
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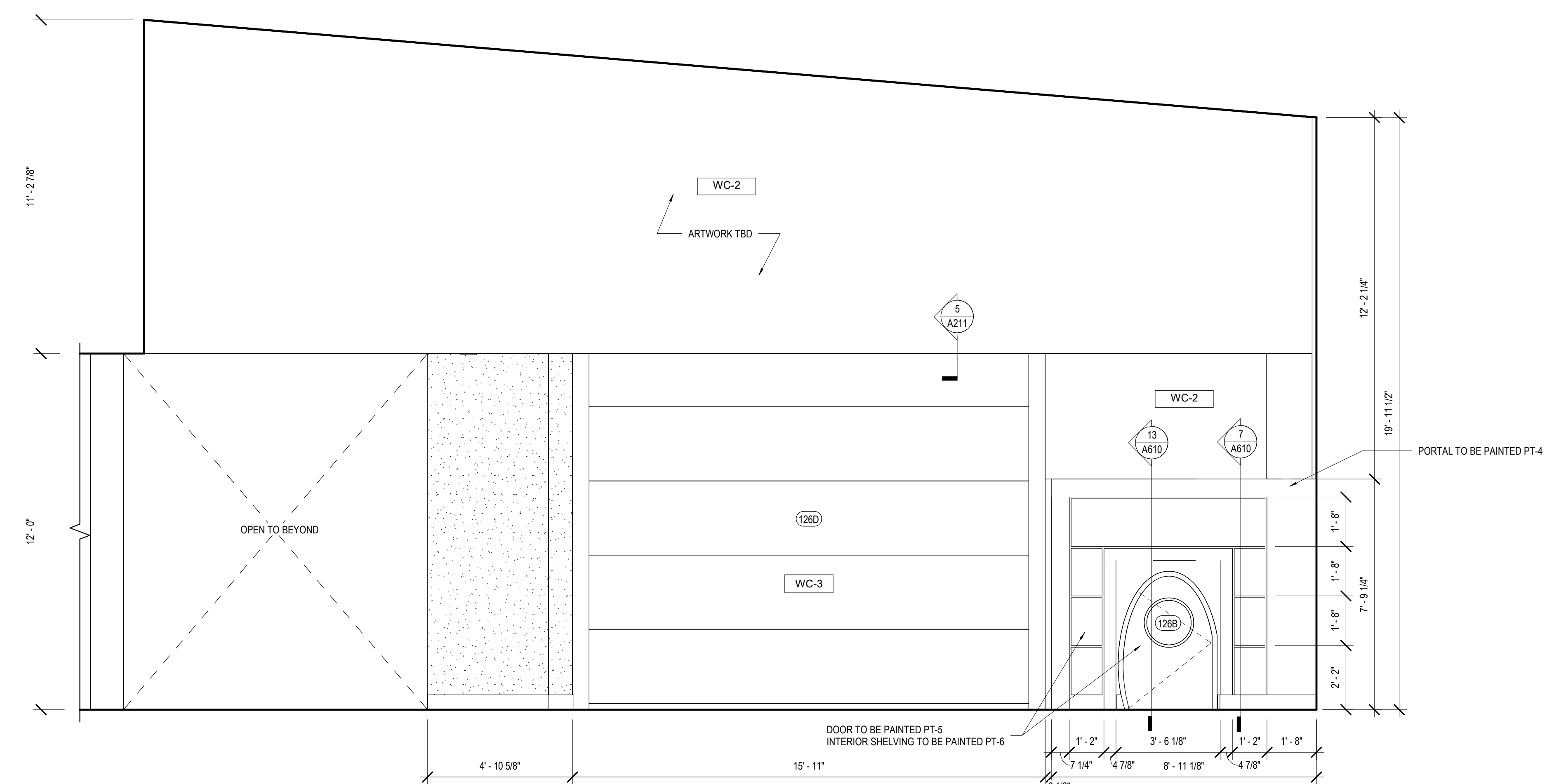
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| DESIGNED BY | MBA/ABM | CHECKED BY | RZ/PP |
| DRAWN BY | CF/FA/RZ | DATE | 05.05.2023 |

SHEET TITLE

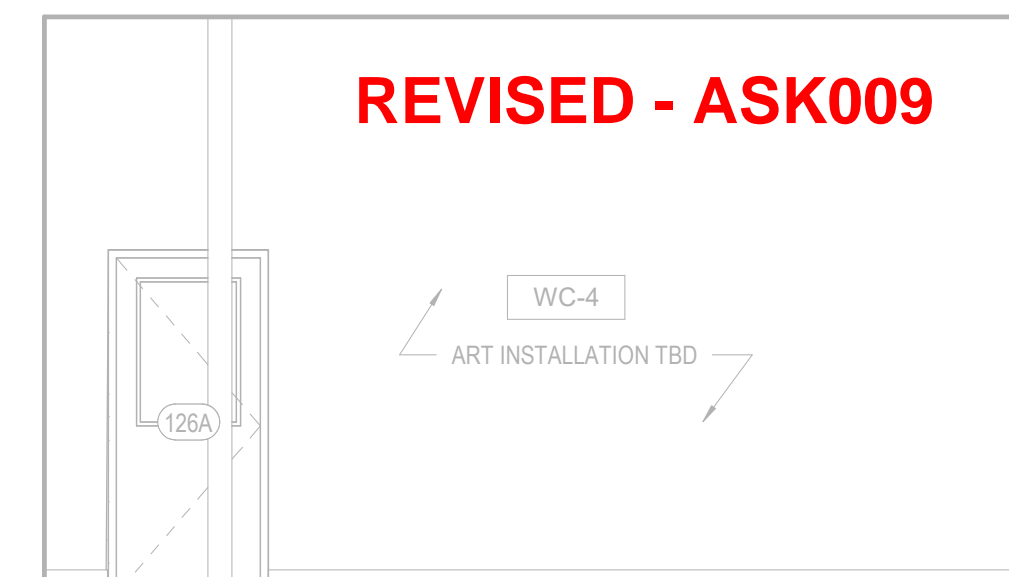
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| PROJECT NO. | MBA - 11884 | SHEET NO. | A342 |
| | ABM - 201813 | | |



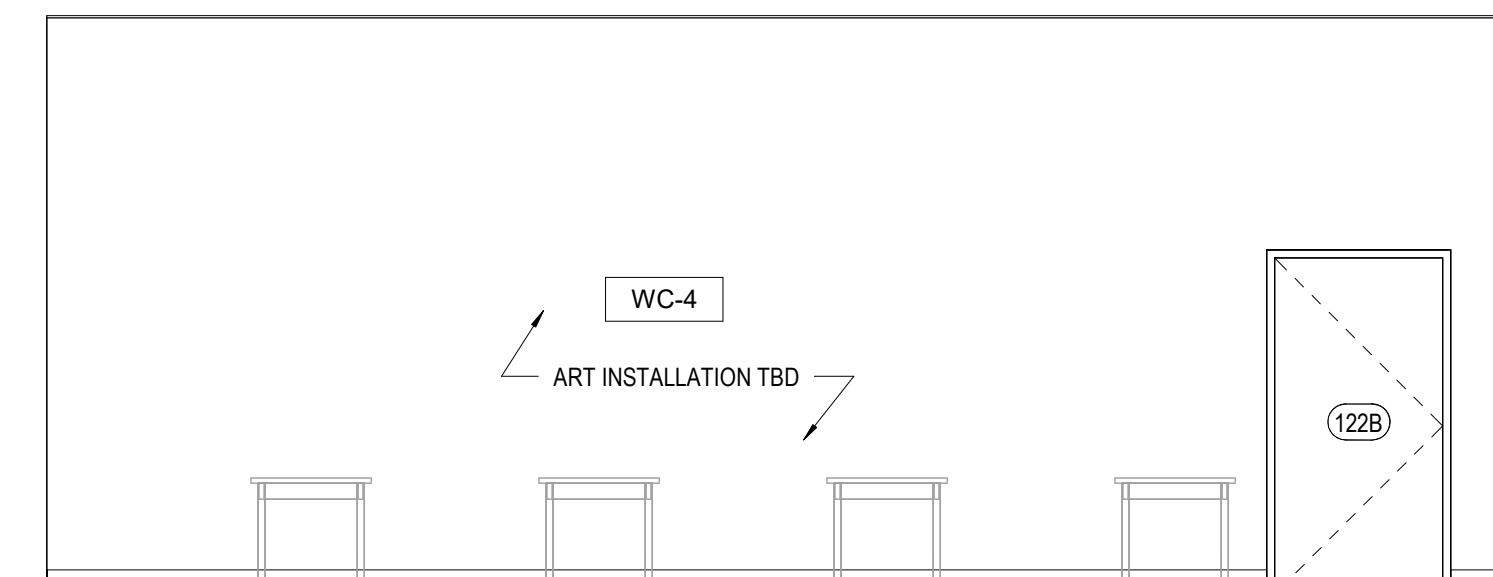
7 INT. ELEVATION - CHILDREN PROGRAM #126
A343 3/8" = 1'-0"



8 INT. ELEVATION - CHILDRENS AREA #125
A343 3/8" = 1'-0"



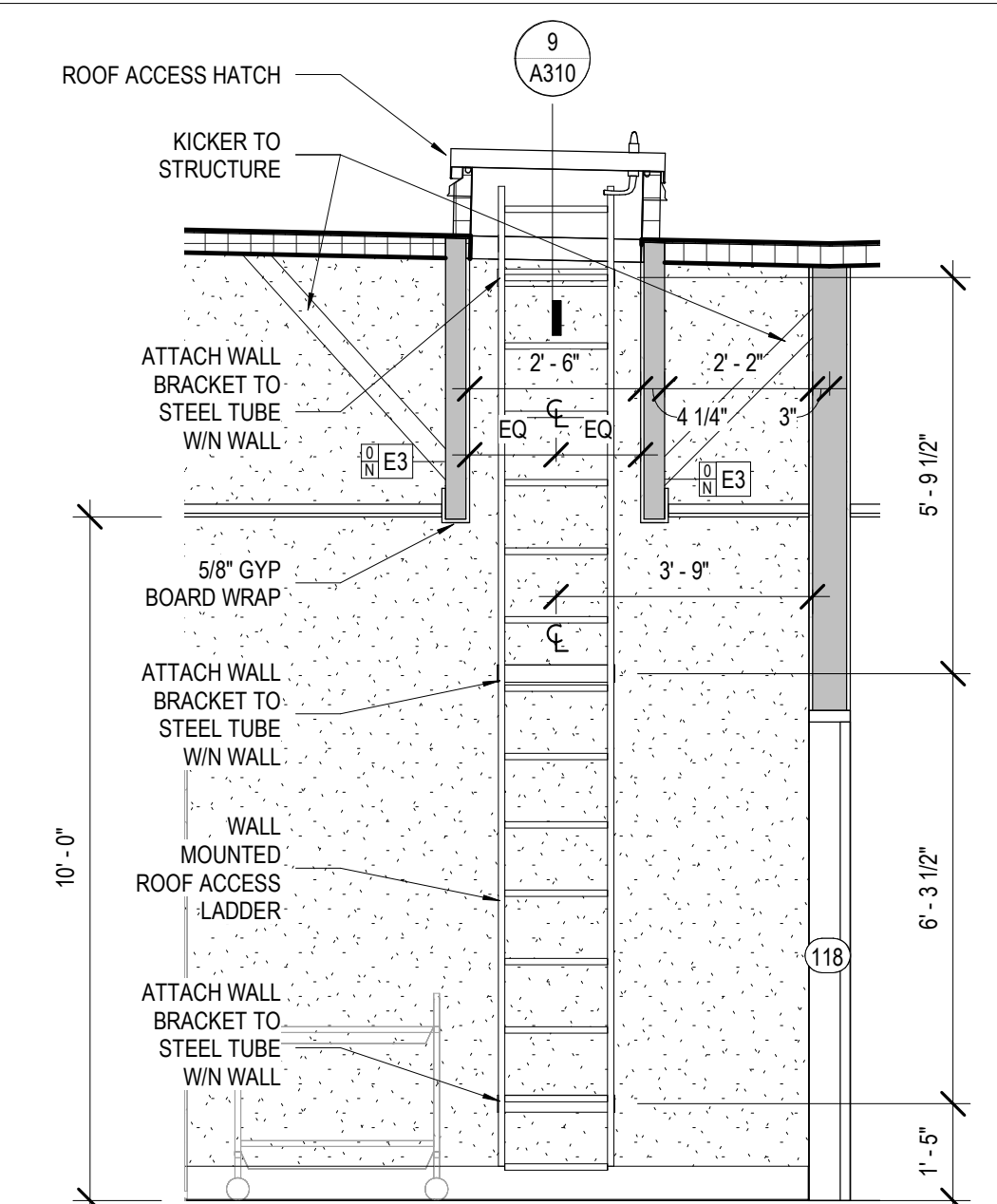
3 INT. ELEVATION - CHILDREN PROGRAM #126
A343 1/4" = 1'-0"



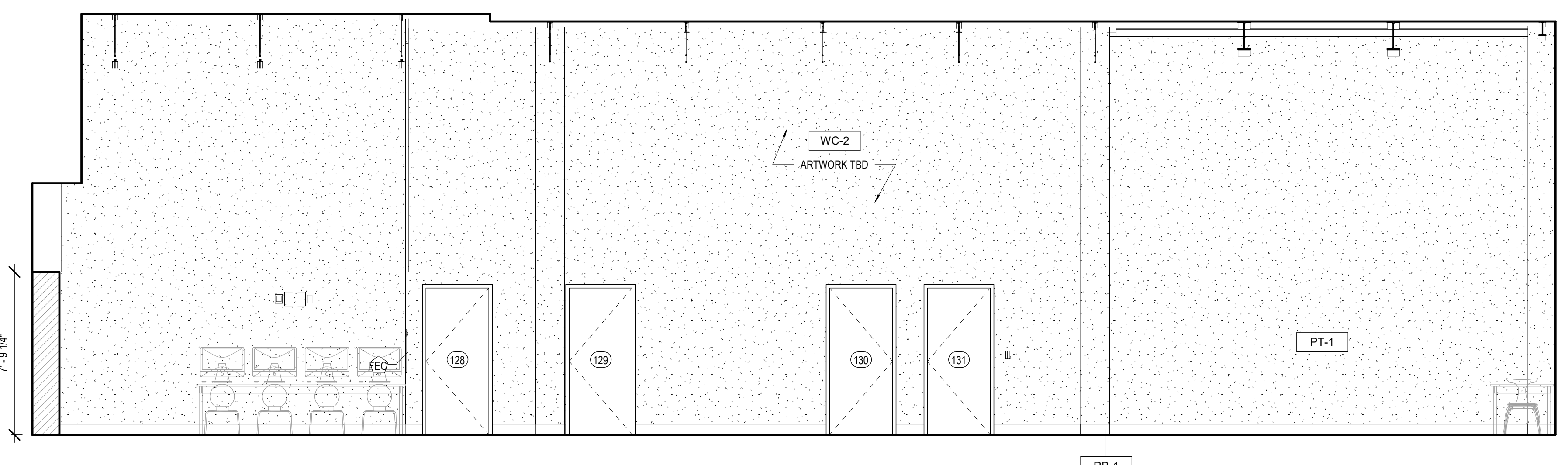
4 INT. ELEVATION - CHILDREN PROGRAM #126
A343 1/4" = 1'-0"



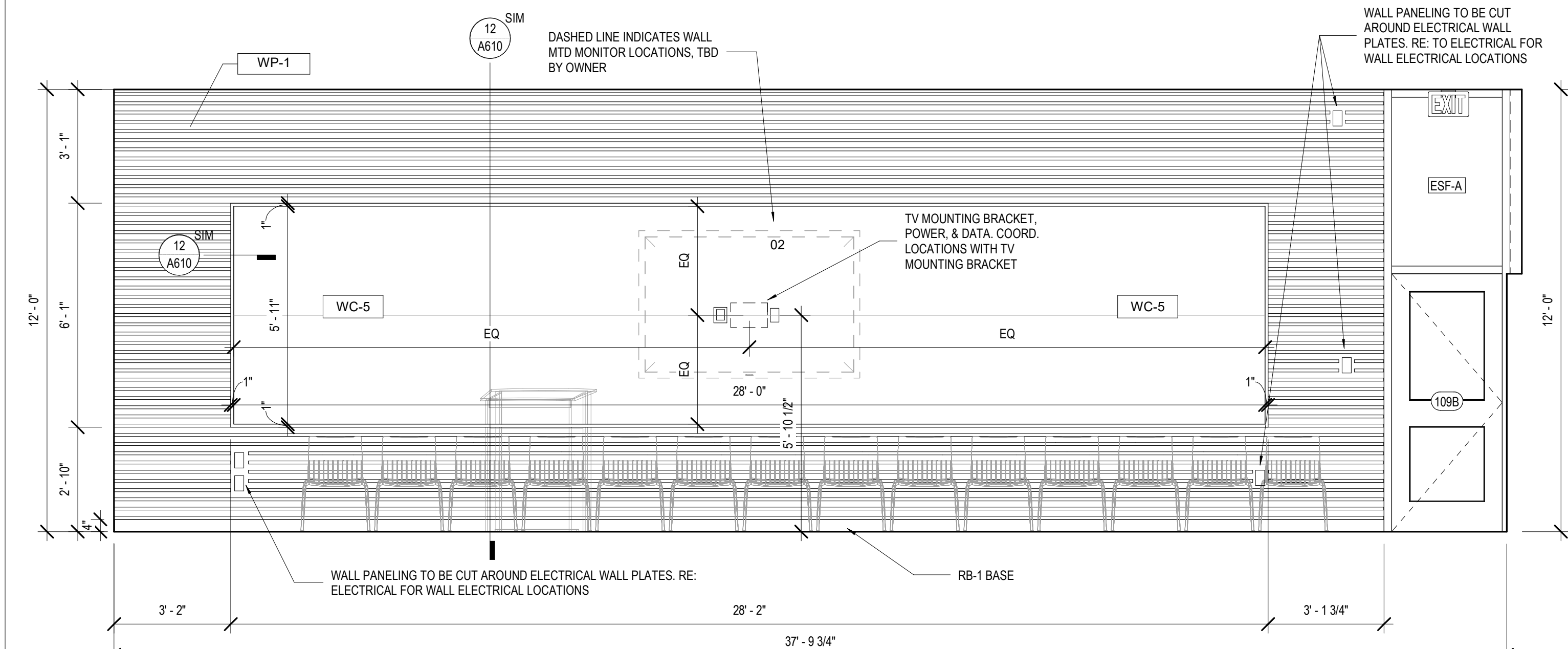
5 INT. ELEVATION - CHILDREN PROGRAM #126
A343 1/4" = 1'-0"



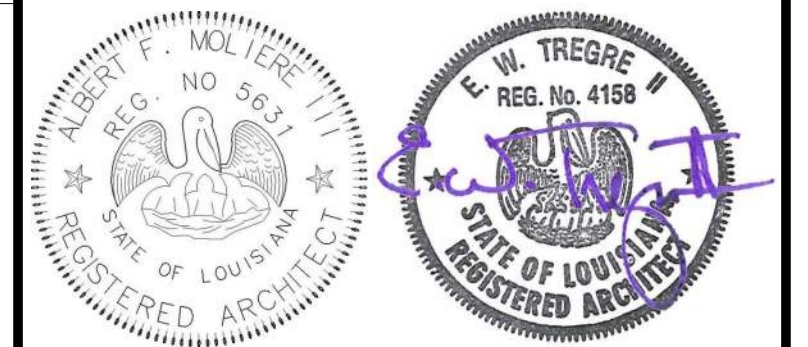
6 ROOF ACCESS LADDER
A343 3/8" = 1'-0"



1 INT. ELEVATION - CHILDRENS AREA #125
A343 1/4" = 1'-0"



2 INT. ELEVATION - MEETING ROOM #109
A343 3/8" = 1'-0"



| No. | Description | Date |
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KEY PLAN

Mathes Brierre + MBM
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A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
Voice: 504.586.9303 Fax: 504.582.1305

300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

PROJECT TITLE

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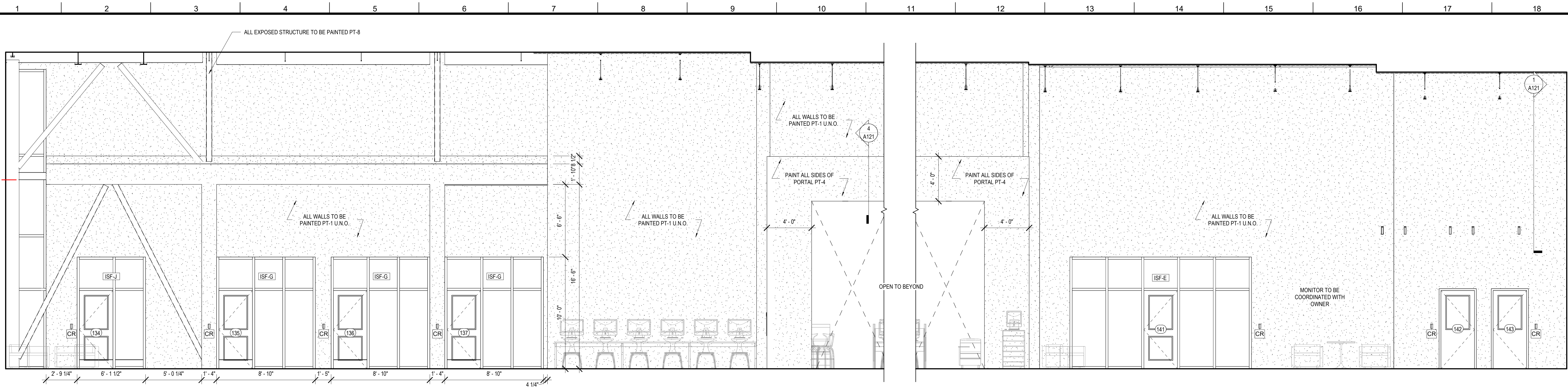
PERMIT DOCUMENTS

DESIGNED BY MBA/ABM CHECKED BY RZ/PP
DRAWN BY CF/FA/RZ DATE 05.05.2023

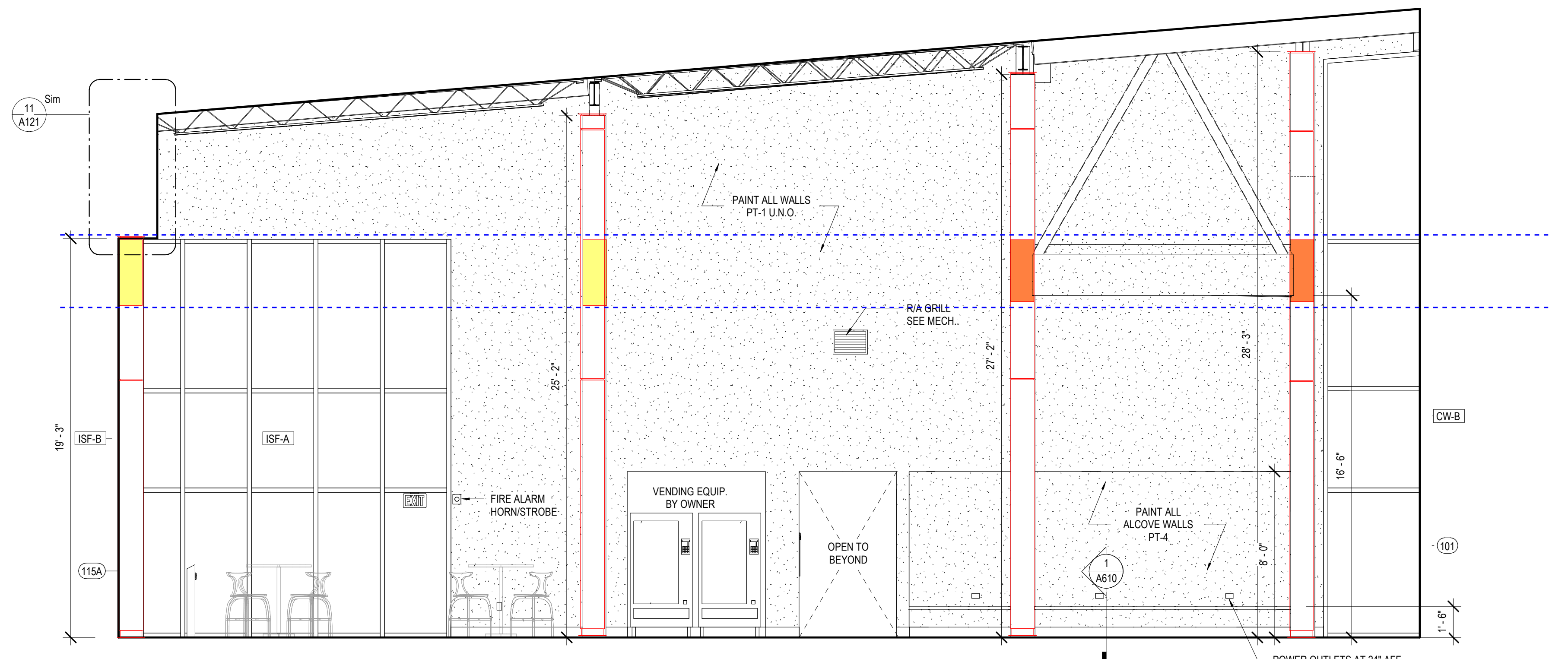
SHEET TITLE

INTERIOR ELEVATIONS

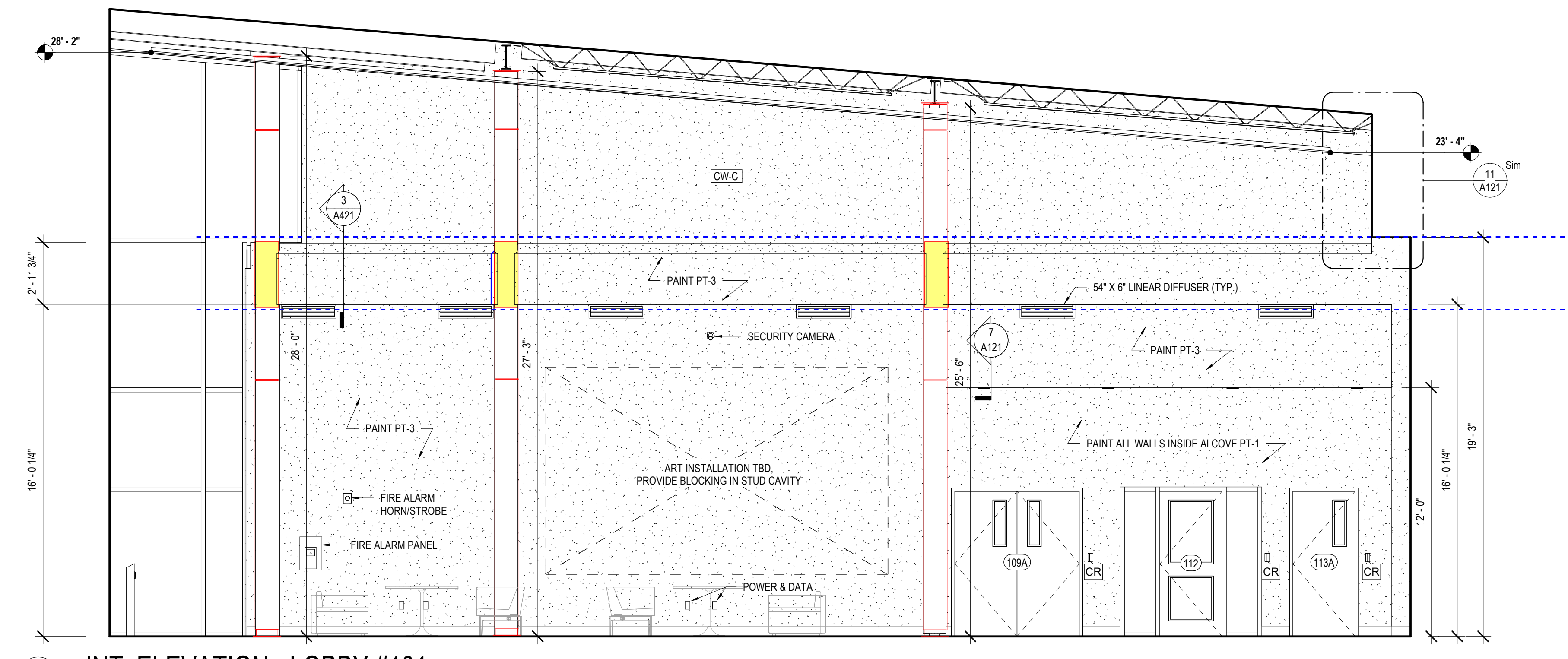
PROJECT NO. SHEET NO.
MBA - 11884 ABM - 201813 **A343**



3 INT. ELEVATION - GENERAL COLLECTION #133
A344

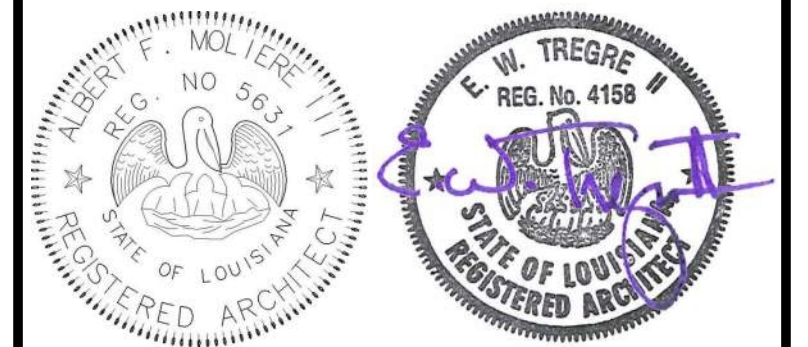


2 INT. ELEVATION - LOBBY #101
A344 1/4" = 1'-0"



1 INT. ELEVATION - LOBBY #101
A344 1/4" = 1'-0"

MATERIALS KEYING/ GENERAL NOTES



| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |

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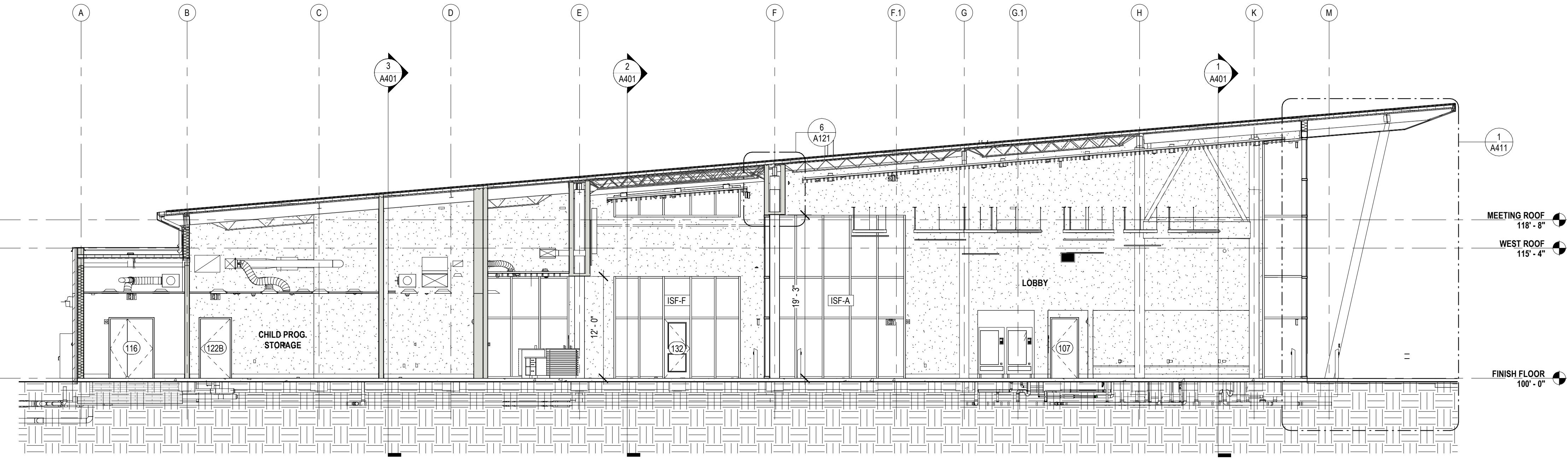
PROJECT TITLE

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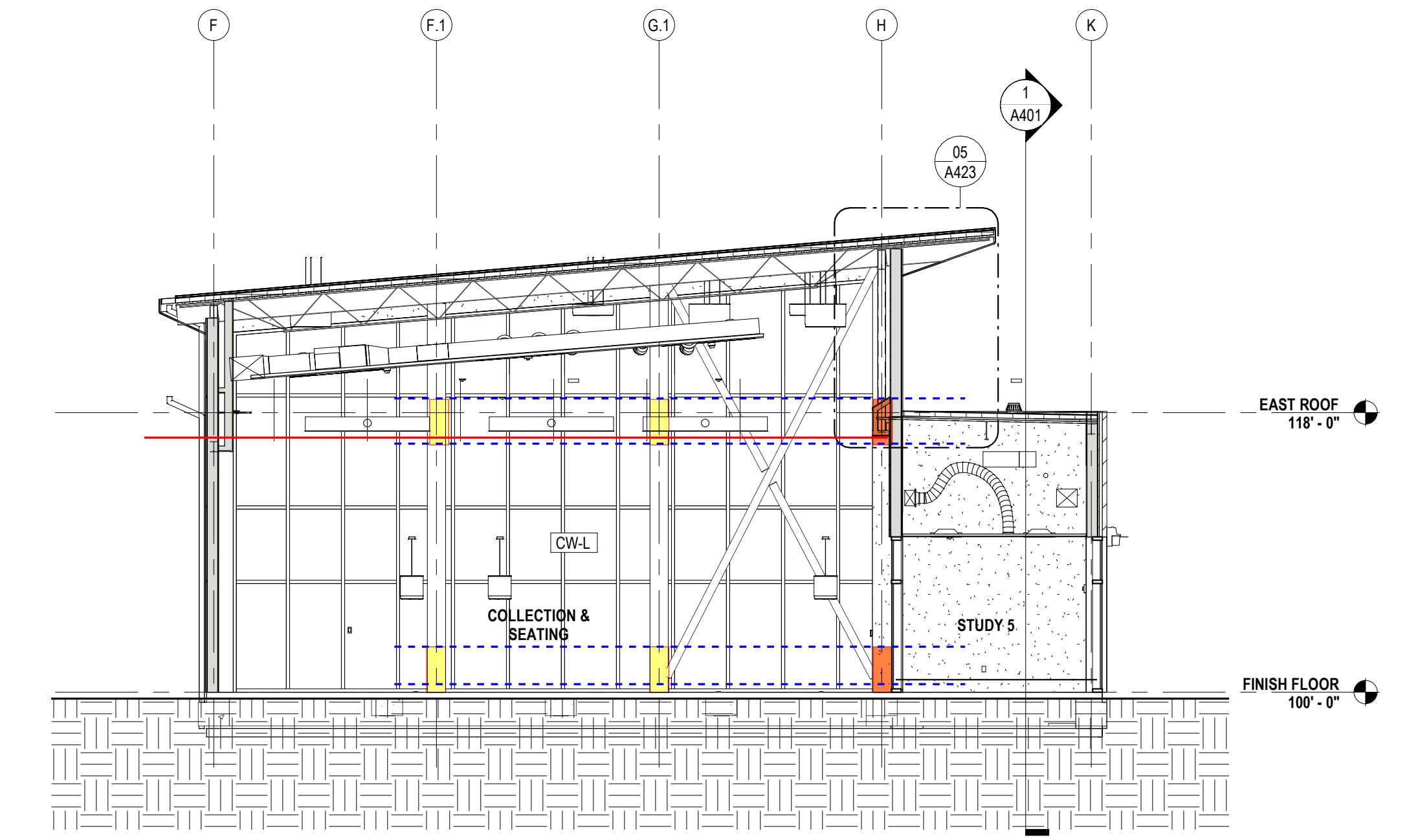
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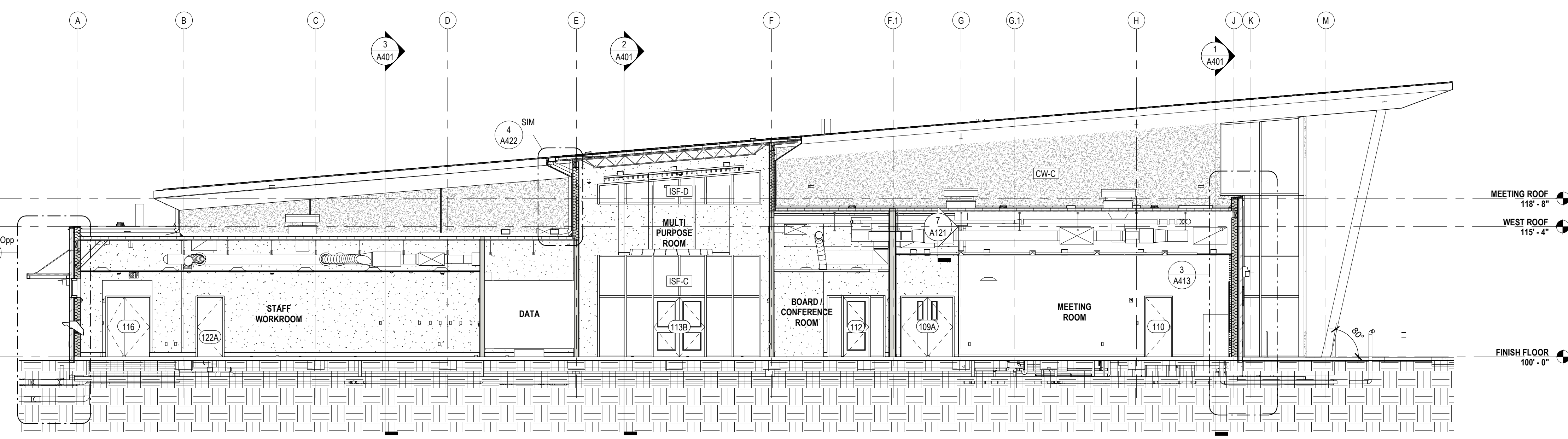
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|---------------------|-------------|------------|------------|
| DESIGNED BY | MBA/ABM | CHECKED BY | RZ/PP |
| DRAWN BY | CF/FA/RZ | DATE | 05.05.2023 |
| SHEET TITLE | | | |
| INTERIOR ELEVATIONS | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | A344 |
| ABM - 201813 | | | |



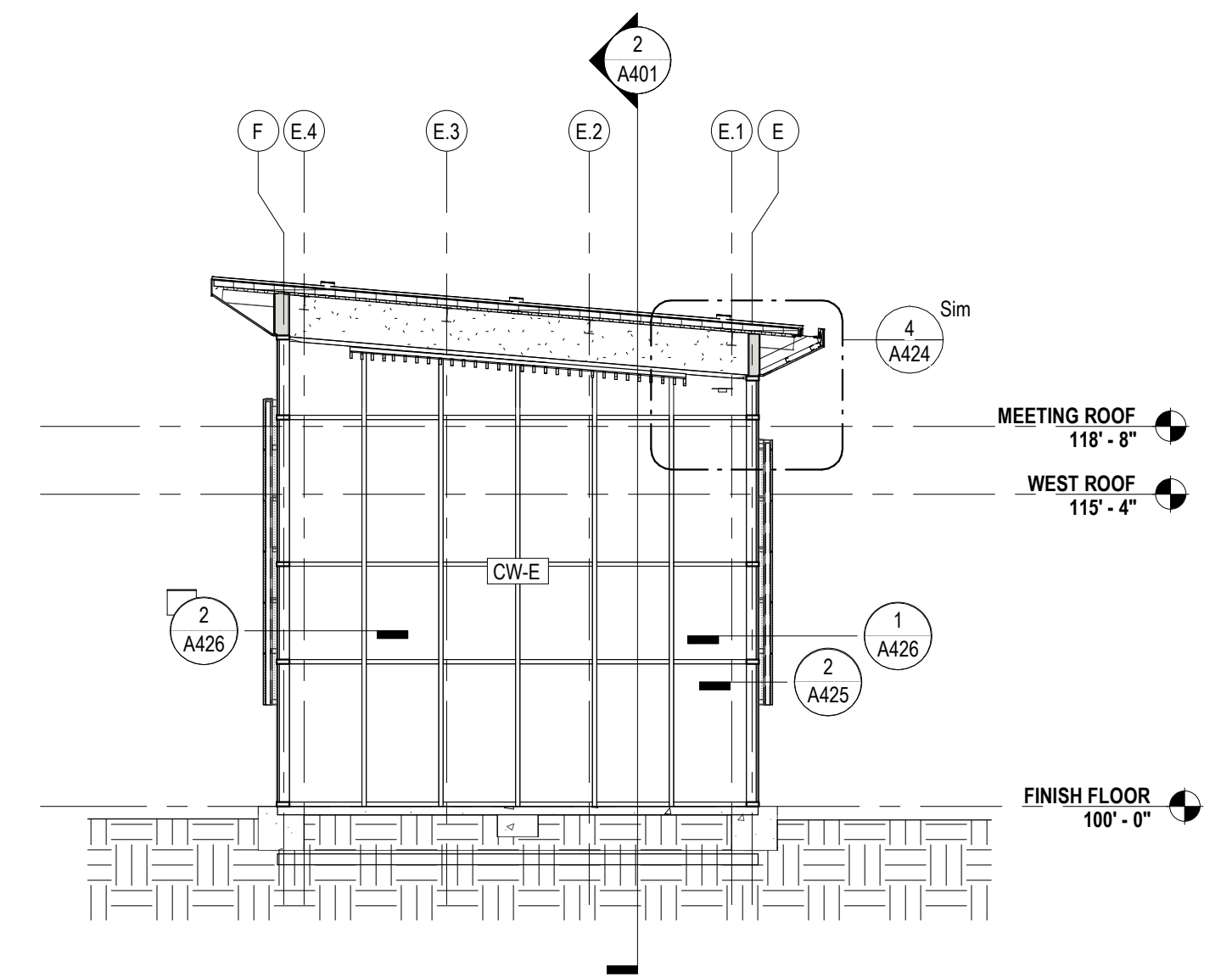
5 EW BLDG SECTION @ LOBBY N
A400 1/8" = 1'-0"



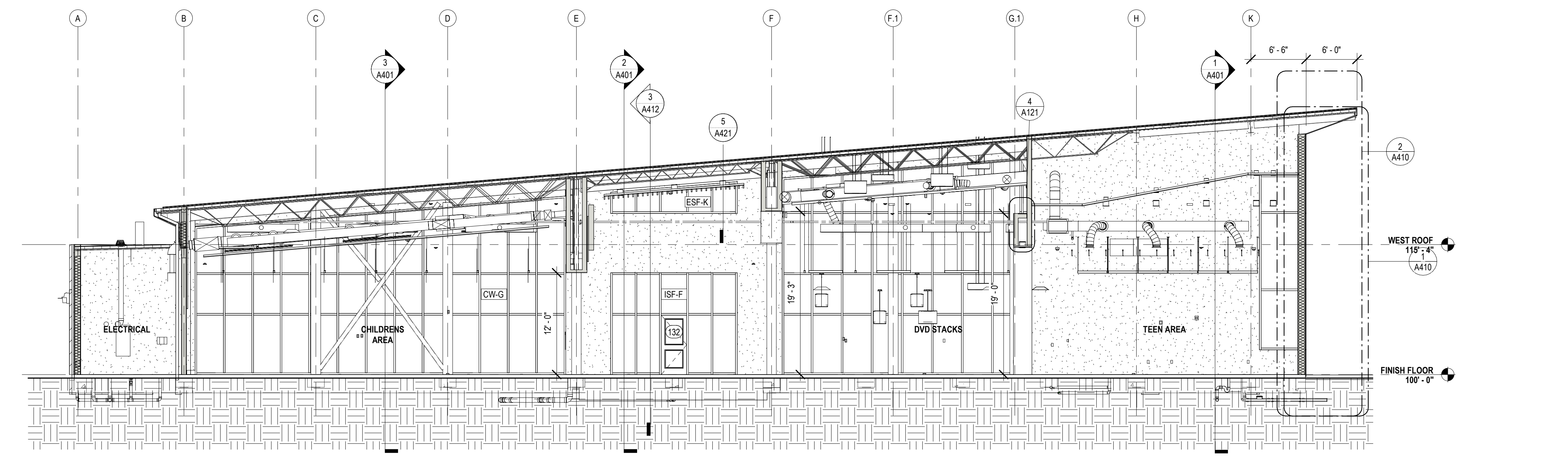
6 EW PARTIAL SECTION @ STUDY ROOMS
A400 1/8" = 1'-0"



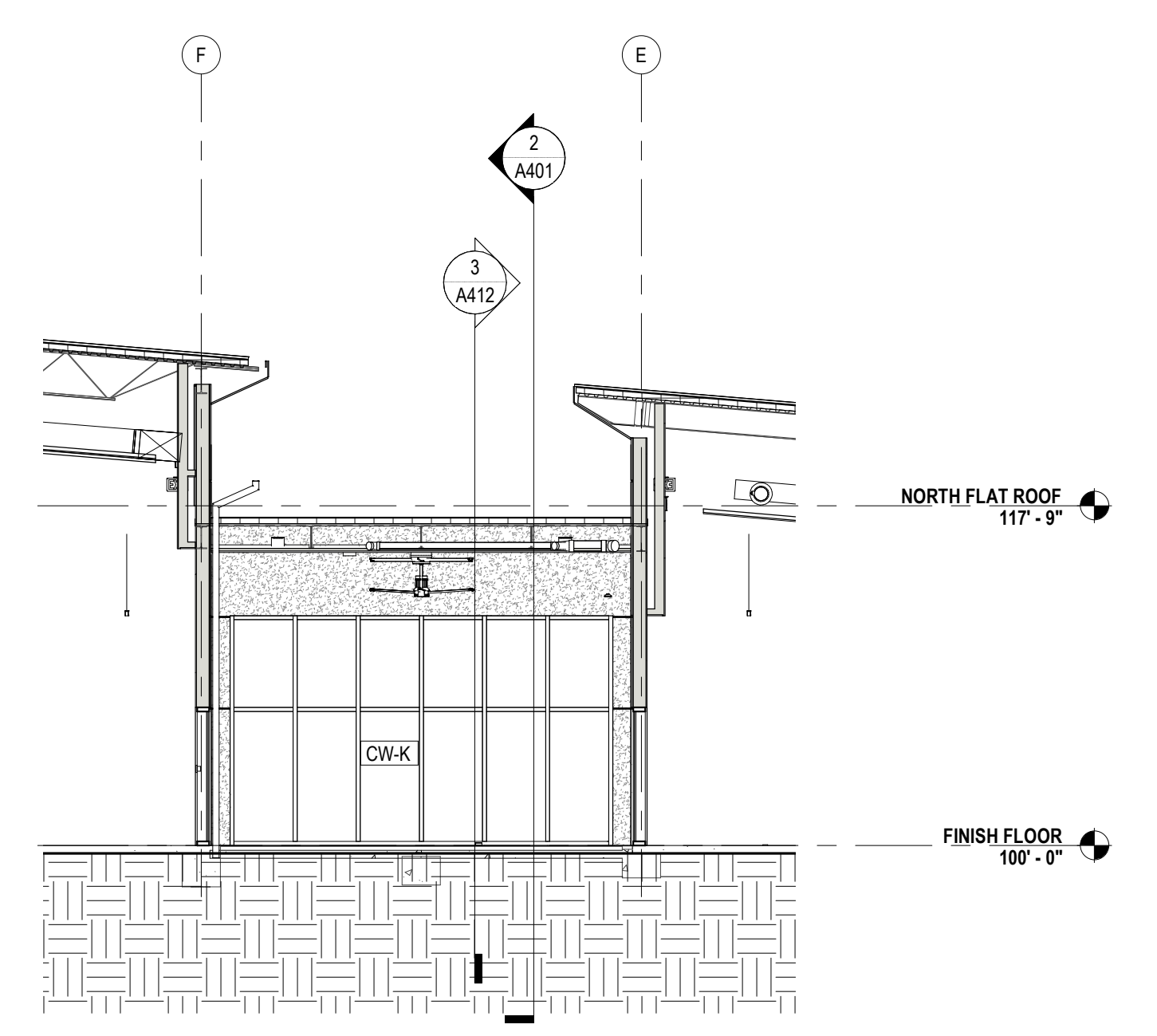
3 EW BLDG SECTION @ MEETING ROOM
A400 1/8" = 1'-0"



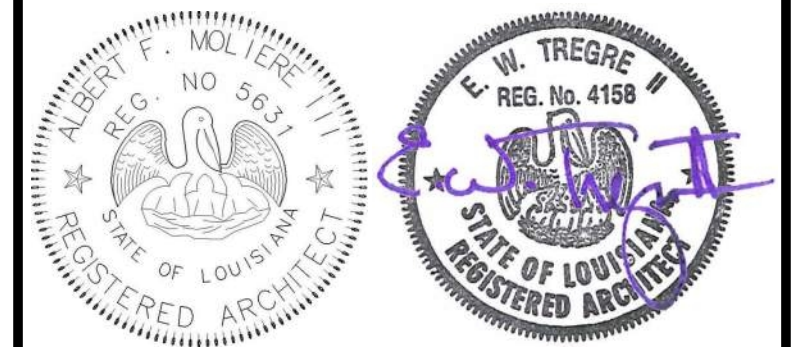
4 EW PARTIAL SECTION @ MULTIPURPOSE RM.
A400 1/8" = 1'-0"



1 EW BUILDING SECTION @ TEEN
A400 1/8" = 1'-0"



2 EW PARTIAL SECTION @ COVERED PORCH
A400 1/8" = 1'-0"



| No. | Description | Date |
|-----|-------------|------|
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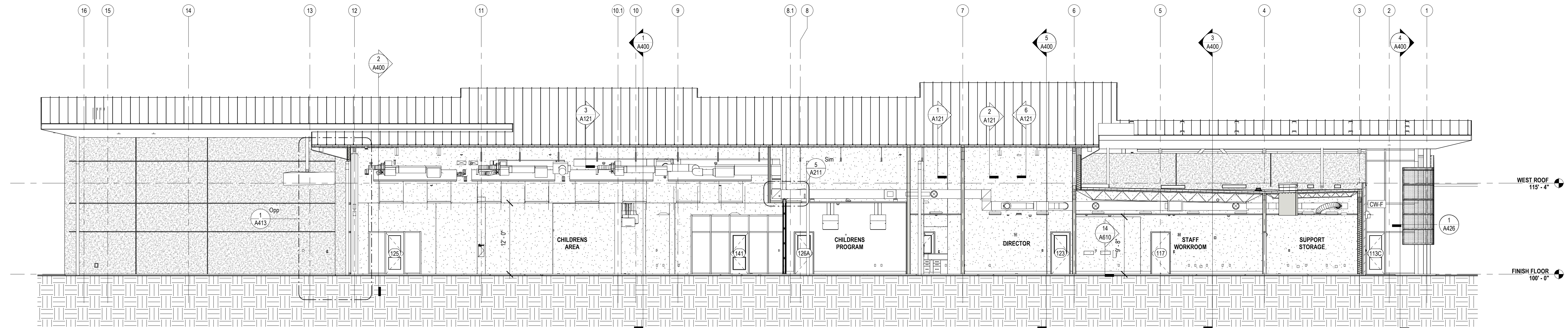
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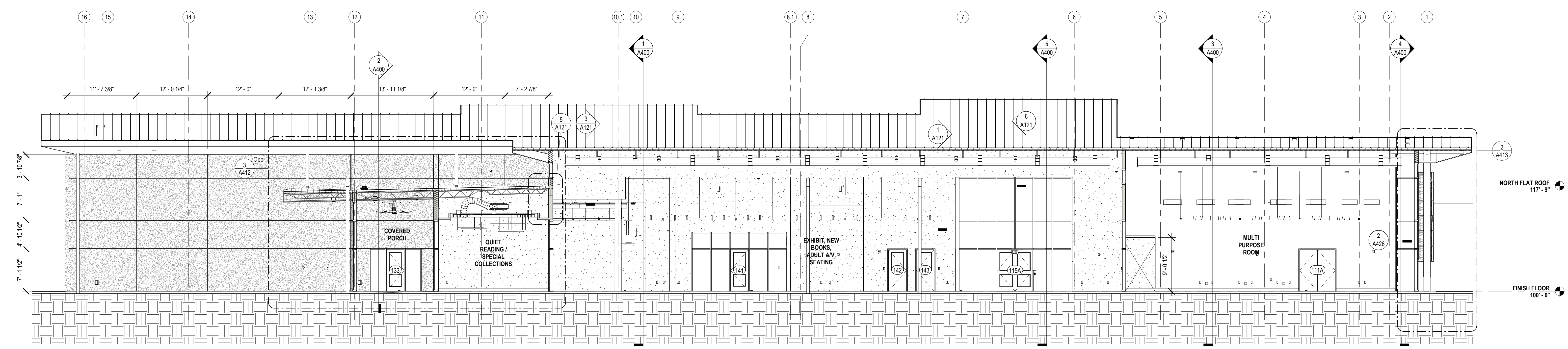
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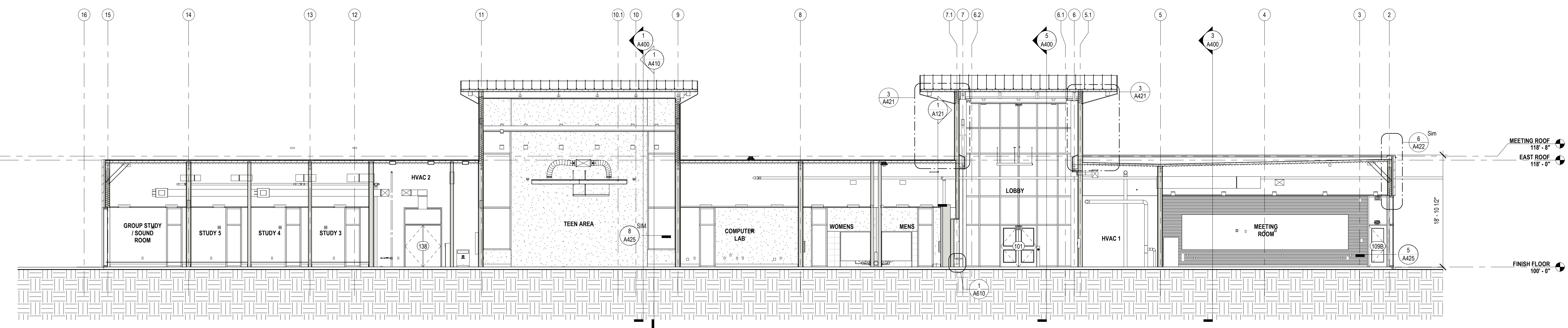
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| DESIGNED BY | MBA/ABM | CHECKED BY | AM/PP |
| DRAWN BY | MP/SC/ALB | DATE | 05.05.2023 |
| SHEET TITLE | | | |
| BUILDING SECTIONS | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | A400 |
| ABM - 201813 | | | |



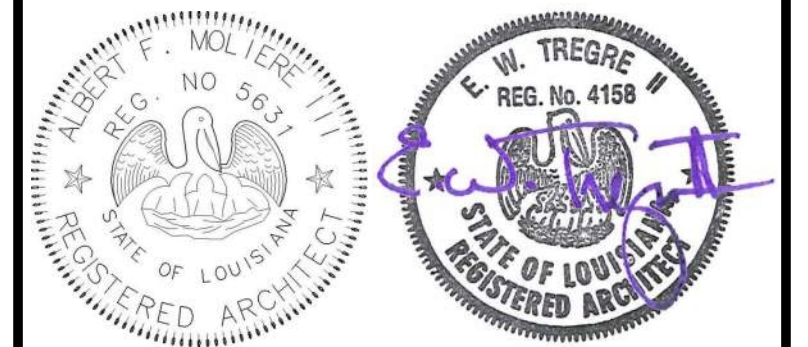
3 NS BLDG SECTION @ ADMIN
A401 1/8" = 1'-0"



2 NS BLDG SECTION @ SPINE E
A401 1/8" = 1'-0"



1 NS BLDG SECTION @ MEETING ROOM
A401 1/8" = 1'-0"



| No. | Description | Date |
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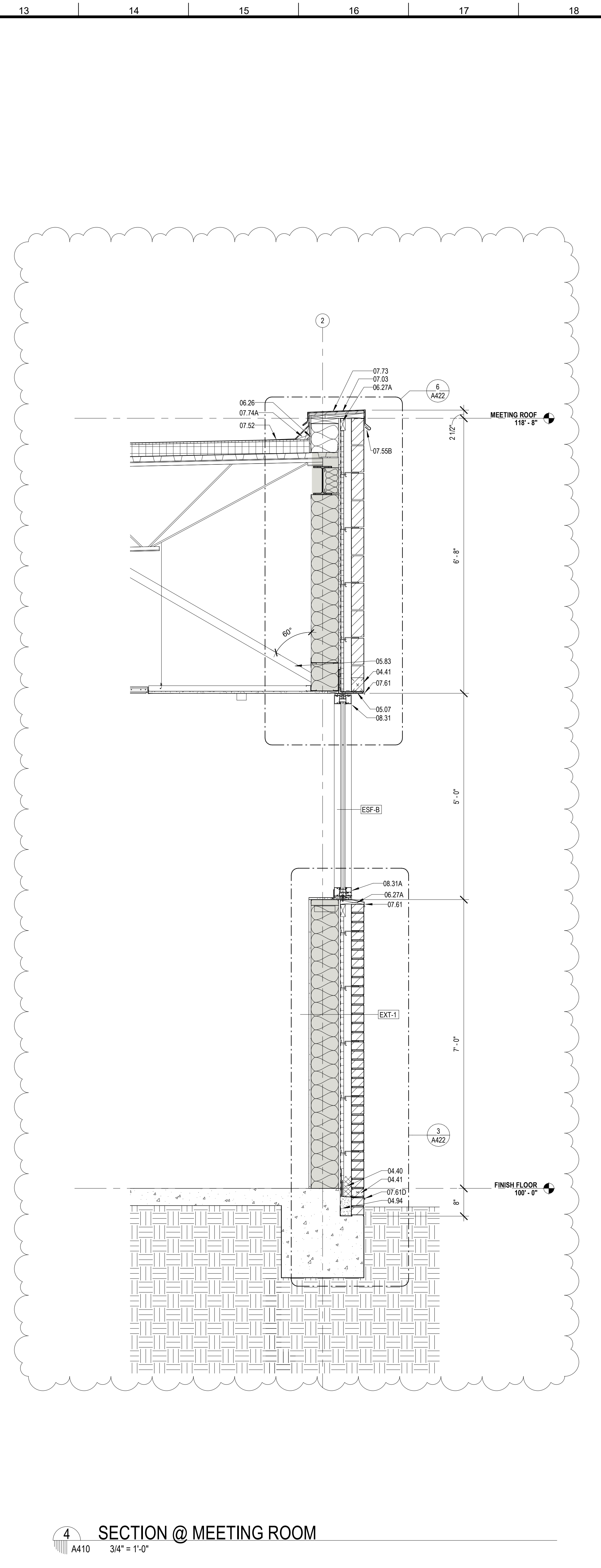
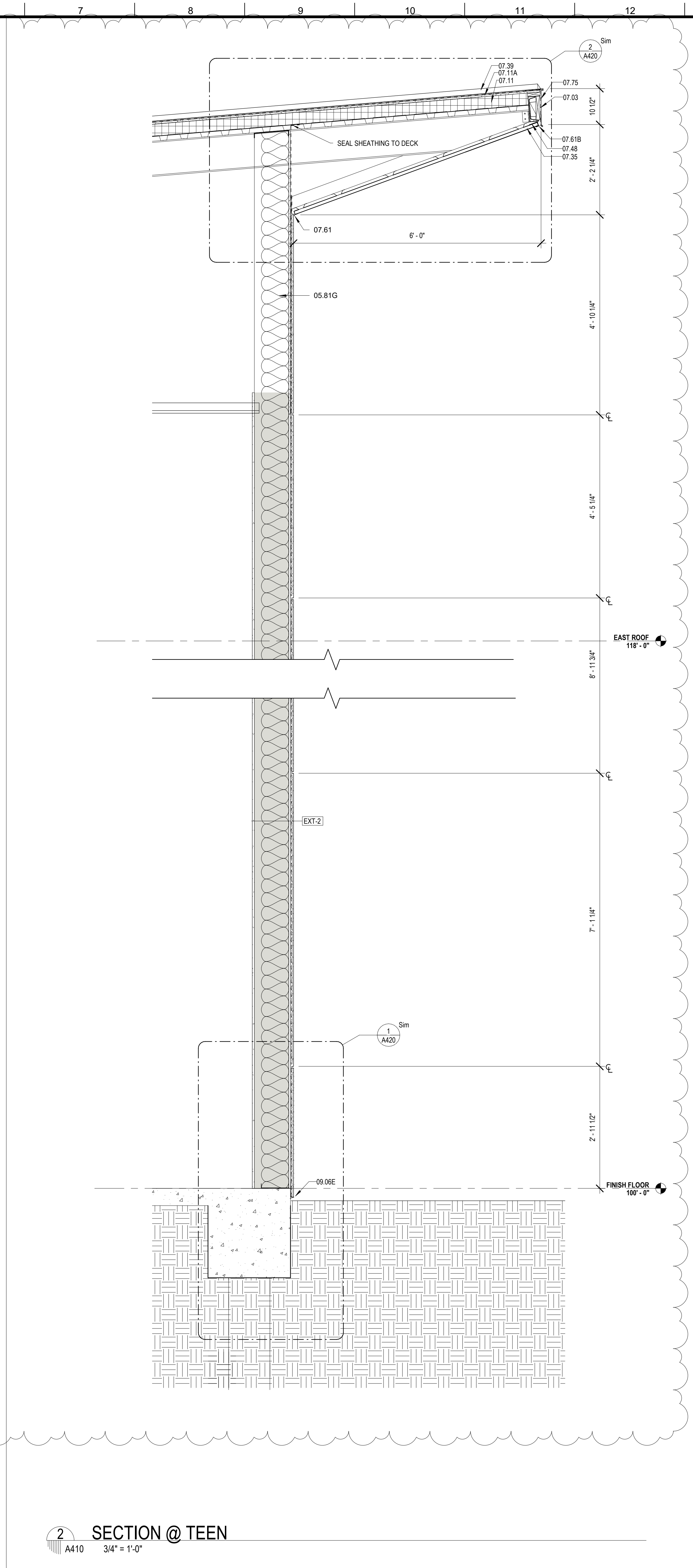
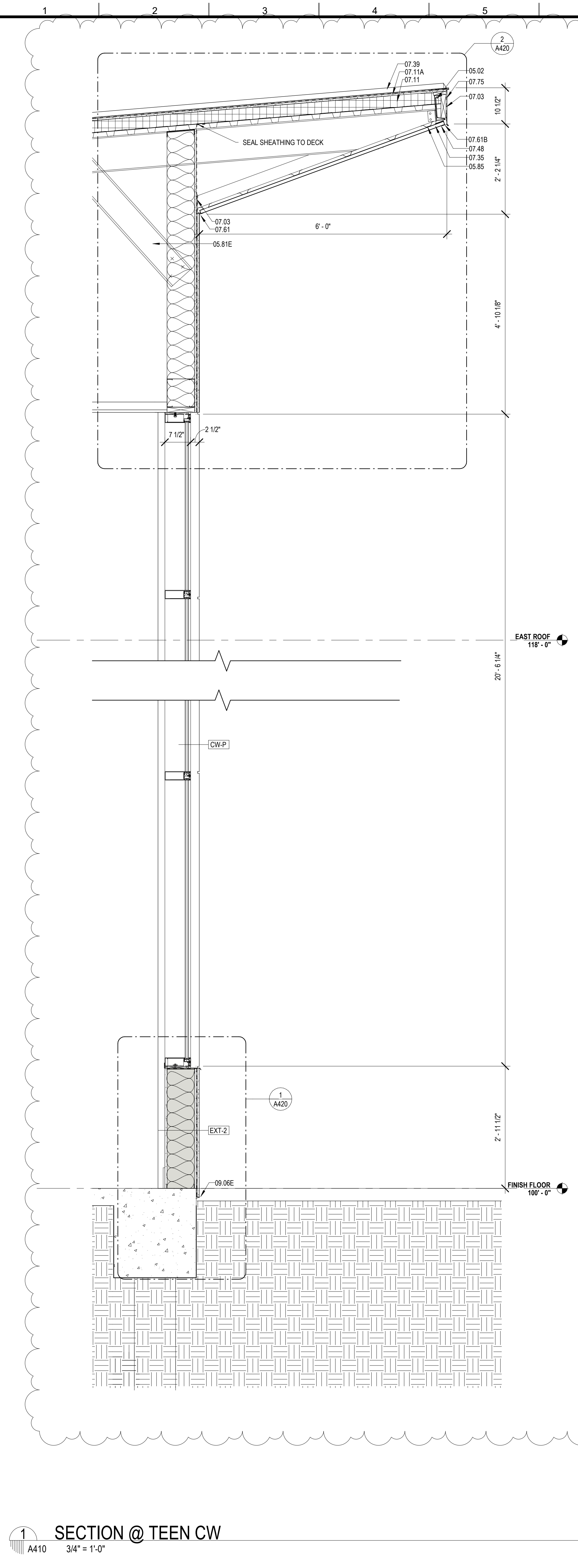
PROJECT TITLE

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|-------------------|--------------|------------|------------|
| DESIGNED BY | MBA/ABM | CHECKED BY | AM/PP |
| DRAWN BY | MP/SC/ALB | DATE | 05.05.2023 |
| SHEET TITLE | | | |
| BUILDING SECTIONS | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | A401 |
| | ABM - 201813 | | |



MATERIALS KEYNOTE/GENERAL NOTES

| Key Value | Keynote Text |
|-----------|---|
| 04.40 | MORTAR CONTROL |
| 04.41 | WEEP HOLE AT 32" ON CENTER |
| 04.94 | SOLID MORTAR FILL |
| 05.02 | STEEL EDGE BEAM - RE. STRUCTURAL (05 12 00) |
| 05.07 | STEEL LINTEL (GALVANIZED) - RE. STRUCTURAL (05 12 00) |
| 05.81E | 8" STRUCTURAL STEEL STUDS AT 16" O.C. |
| 05.81G | 10" STRUCTURAL STEEL STUDS AT 16" O.C. |
| 05.83 | BRACE TO STRUCTURE AS REQUIRED |
| 05.85 | 7/8" HAT CHANNEL |
| 06.26 | 1/2" PLYWOOD SHEATHING |
| 06.27A | TREATED WOOD BLOCKING |
| 07.03 | MEMBRANE WATERPROOFING (07 27 26) |
| 07.11 | RIGID ROOF INSULATION (3 1/2" THK) (07 51 00) |
| 07.11A | COVERBOARD (1/2" THK) (07 51 00) |
| 07.35 | PREFORMED METAL SOFFIT PANELS (07 41 00) |
| 07.39 | STANDING SEAM METAL ROOF (07 41 00) |
| 07.48 | J CLOSURE |
| 07.52 | MODIFIED BITUMEN ROOF (07 51 00) |
| 07.55B | ANCHOR BAR ATTACH AT 8" O.C. CONTINUOUS (07 51 00) |
| 07.61 | METAL FLASHING |
| 07.61B | CONTINUOUS 26 GA. GALVANIZED METAL CLEAT (07 60 00) |
| 07.61D | METAL COUNTER FLASHING |
| 07.73 | METAL COPING (07 60 00) |
| 07.74A | CANT (TREATED WOOD) (07 60 00) |
| 07.75 | METAL FASCIA - FTD. (07 60 00) |
| 08.31 | ALUMINUM FRAME (08 40 00) |
| 08.31A | ALUMINUM SILL (08 40 00) |
| 09.06E | STUCCO SYSTEM DRIP SCREED (09 22 00) |

- VAPOR/AIR BARRIER ENVELOPE REQUIREMENTS:
- LIQUID APPLIED VAPOR/AIR MEMBRANE SHALL BE APPLIED TO WOOD AND SHEATHING SURFACES, ETC. IN ALL EXTERIOR WALL CAVITIES.
 - ALL CRACKS, SEAMS, JOINTS, PENETRATIONS, AND OPENINGS IN EXTERIOR ENVELOPE SHALL BE PROPERLY FLASHED WITH COMPATIBLE SELF ADHERED SHEET OR LIQUID MESH MEMBRANE AS NECESSARY TO PROVIDE AN UNINTERRUPTED AIR/VAPOR BARRIER MEMBRANE ON ALL EXTERIOR WALL CAVITY SURFACES AND OPENINGS.
 - ADJACENT SURFACES OF ALL CRACKS, SEAMS, JOINTS, PENETRATIONS, AND OPENINGS SHALL BE CLEANED AND PREPARED AS REQUIRED TO ACHIEVE PROPER ADHESION OF SELF ADHERED SHEET AND/OR LIQUID MESH MEMBRANES.
 - SELF ADHERED SHEET AND/OR LIQUID MESH MEMBRANES SHALL BE A MINIMUM 20 MILS IN THICKNESS. SHALL BE ROLLED AT THE ENDS TO PREVENT "FISH MOUTHS", AND SEALED AT THE EDGES.
 - METAL HEAD, JAMB AND SILL FLASHING AT EXTERIOR OPENINGS MUST BE INCORPORATED AND FULLY SEALED WITH THE EXTERIOR WALL VAPOR/AIR MEMBRANE AND THE WINDOW/DOOR FRAME. THIS PROVIDING A CONTINUOUS "VAPOR BARRIER" MEMBRANE BETWEEN WALL AND WINDOW/DOOR FRAME. THE METHOD OF CONSTRUCTING THIS SEAL BETWEEN THE WINDOW/DOOR FRAME DEPENDS ON THE FRAME ASSEMBLY - TYPICALLY A BEAD OF COMPATIBLE SEALANT AND/OR A PIECE OF MEMBRANE FLASHING IS USED TO ACHIEVE A VAPOR TIGHT INSTALLATION.
 - ALL METAL WINDOW SILL FLASHING SHALL BE DAMMED AT THE ENDS AND FULLY INCORPORATED INTO THE WALL VAPOR/AIR MEMBRANE, AS NECESSARY TO PROVIDE A CONTINUOUS "VAPOR BARRIER" MEMBRANE BETWEEN WALL AND WINDOW/DOOR FRAME. SEALANT BEAD SHALL BE LOCATED AS TO NOT DISRUPT THE DRAINAGE OF THE WINDOW SYSTEM AND ALLOW FOR AN UNINTERRUPTED PATH OF ESCAPE OF WATER FROM THE WALL CAVITIES.

| No. | Description | Date |
|-----|-------------|----------|
| 1 | Addendum 1 | 05/25/23 |



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| DESIGNED BY | MBA/ABM | CHECKED BY | ALB |
| DRAWN BY | MP/SC/ALB | DATE | 05.05.2023 |

SHEET TITLE

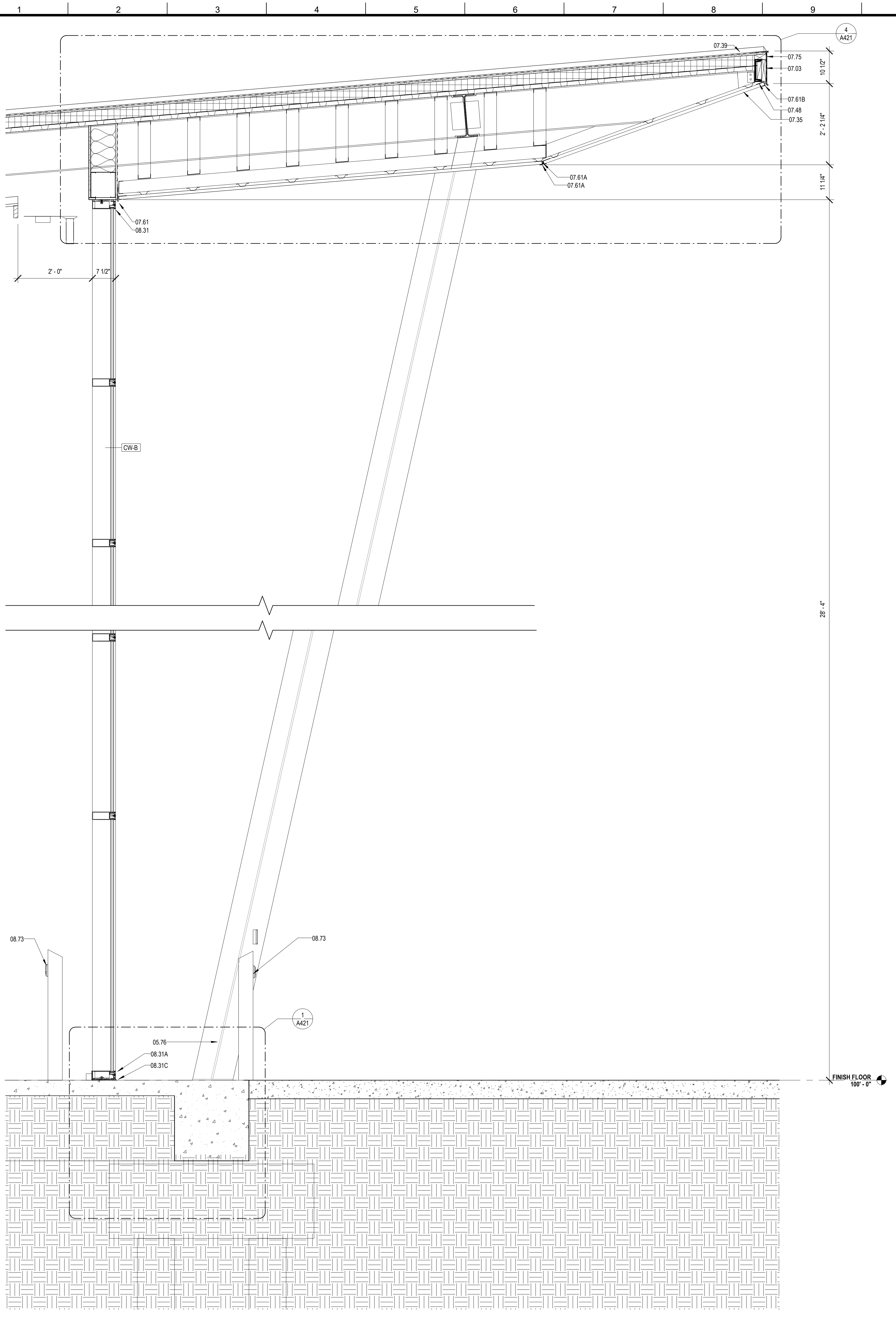
WALL SECTIONS

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| PROJECT NO. | SHEET NO. |
| MBA - 11884 | A410 |
| ABM - 201813 | |

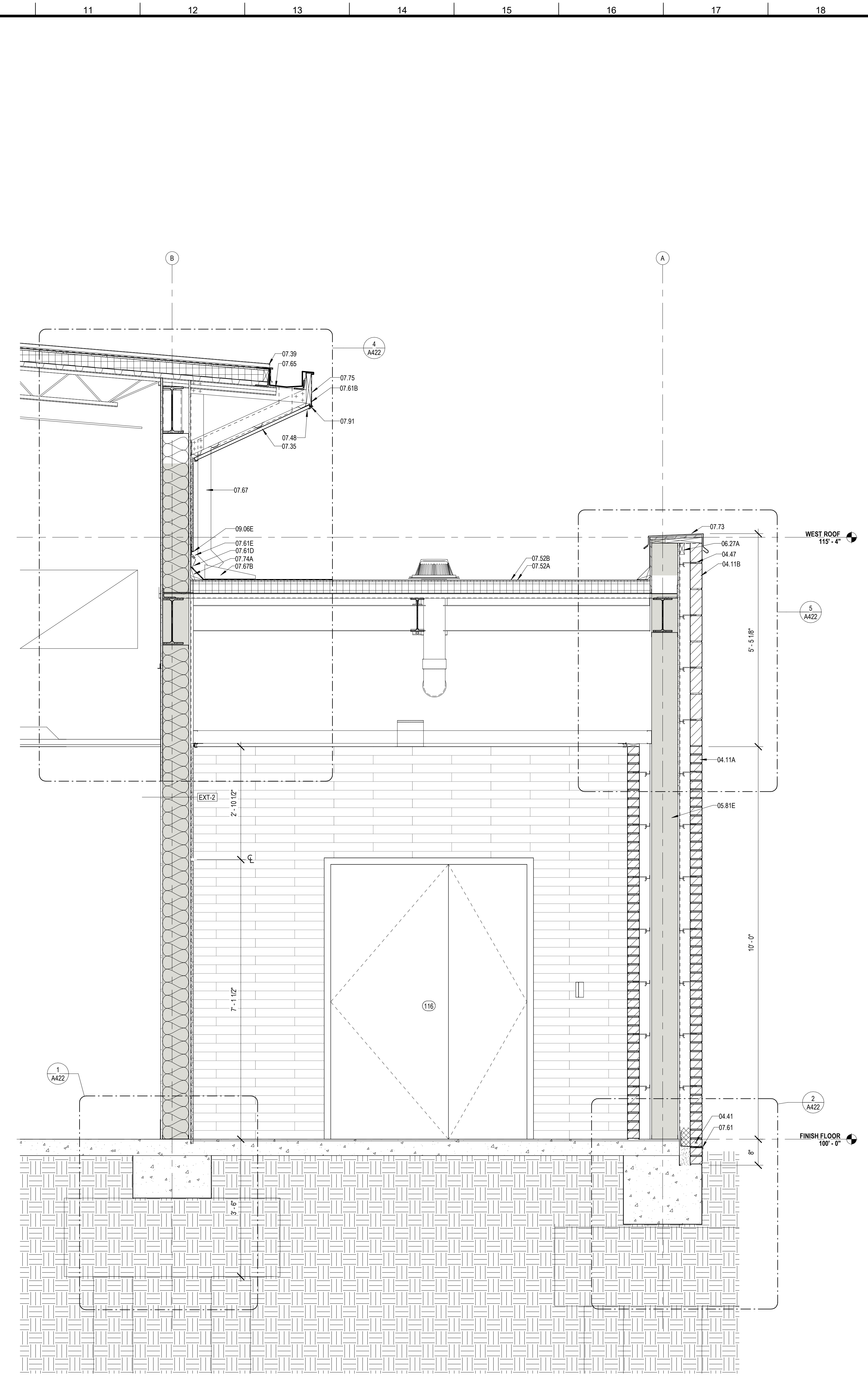
1 SECTION @ TEEN CW
A410 3/4" = 1'-0"

2 SECTION @ TEEN
A410 3/4" = 1'-0"

4 SECTION @ MEETING ROOM
A410 3/4" = 1'-0"



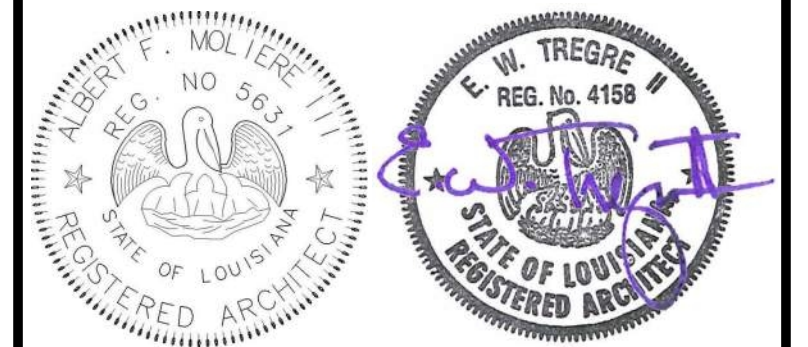
1 SECTION @ LOBBY
A411 3/4" = 1'-0"



2 SECTION @ STAFF ENTRANCE
A411 3/4" = 1'-0"

MATERIALS KEYING/ GENERAL NOTES

| Key Value | Keynote Text |
|-----------|---|
| 04.11A | FACE BRICK - RUNNING BOND (04 20 00) |
| 04.11B | FACE BRICK - SOLDIER COURSES (04 20 00) |
| 04.41 | WEEP HOLE AT 32" ON CENTER |
| 04.47 | MASONRY ANCHORS (04 20 00) |
| 05.75 | ALUMINUM COLUMN COVERS (18" TRK) |
| 05.81E | 8" STRUCTURAL STEEL STUDS AT 16" O.C. |
| 06.27A | TREATED WOOD BLOCKING |
| 07.03 | MEMBRANE WATERPROOFING (07 27 26) |
| 07.35 | PREFORMED METAL SOFFIT PANELS (07 41 00) |
| 07.39 | STANDING SEAM METAL ROOF (07 41 00) |
| 07.48 | J CLOSURE |
| 07.52A | BASE PLY (07 51 00) |
| 07.52B | MODIFIED BITUMEN MEMBRANE (07 51 00) |
| 07.61 | METAL FLASHING |
| 07.61A | PRE-FINISHED METAL FLASHING |
| 07.61B | CONTINUOUS 26 GA. GALVANIZED METAL CLEAT (07 60 00) |
| 07.61D | METAL COUNTER FLASHING |
| 07.61E | METAL FLASHING RECEIVER |
| 07.65 | METAL GUTTER (07 60 00) |
| 07.67 | METAL DOWNSPOUT (07 60 00) |
| 07.67B | GALVANIZED SHEET METAL SPLASH PAN (07 60 00) |
| 07.73 | METAL COPING (07 60 00) |
| 07.74A | CANT (TREATED WOOD) (07 60 00) |
| 07.75 | METAL FASCIA - PTD. (07 60 00) |
| 07.91 | BACKER ROD & SEALANT |
| 08.31 | ALUMINUM FRAME (08 40 00) |
| 08.31A | ALUMINUM SILL (08 40 00) |
| 08.31C | ALUMINUM SILL FLASHING - DAM AT ENDS (08 40 00) |
| 08.73 | ACCESSIBLE DOOR OPERATOR CONTROLS |
| 09.06E | STUCCO SYSTEM DRIP SCREED (09 22 00) |



| No. | Description | Date |
|-----|-------------|------|
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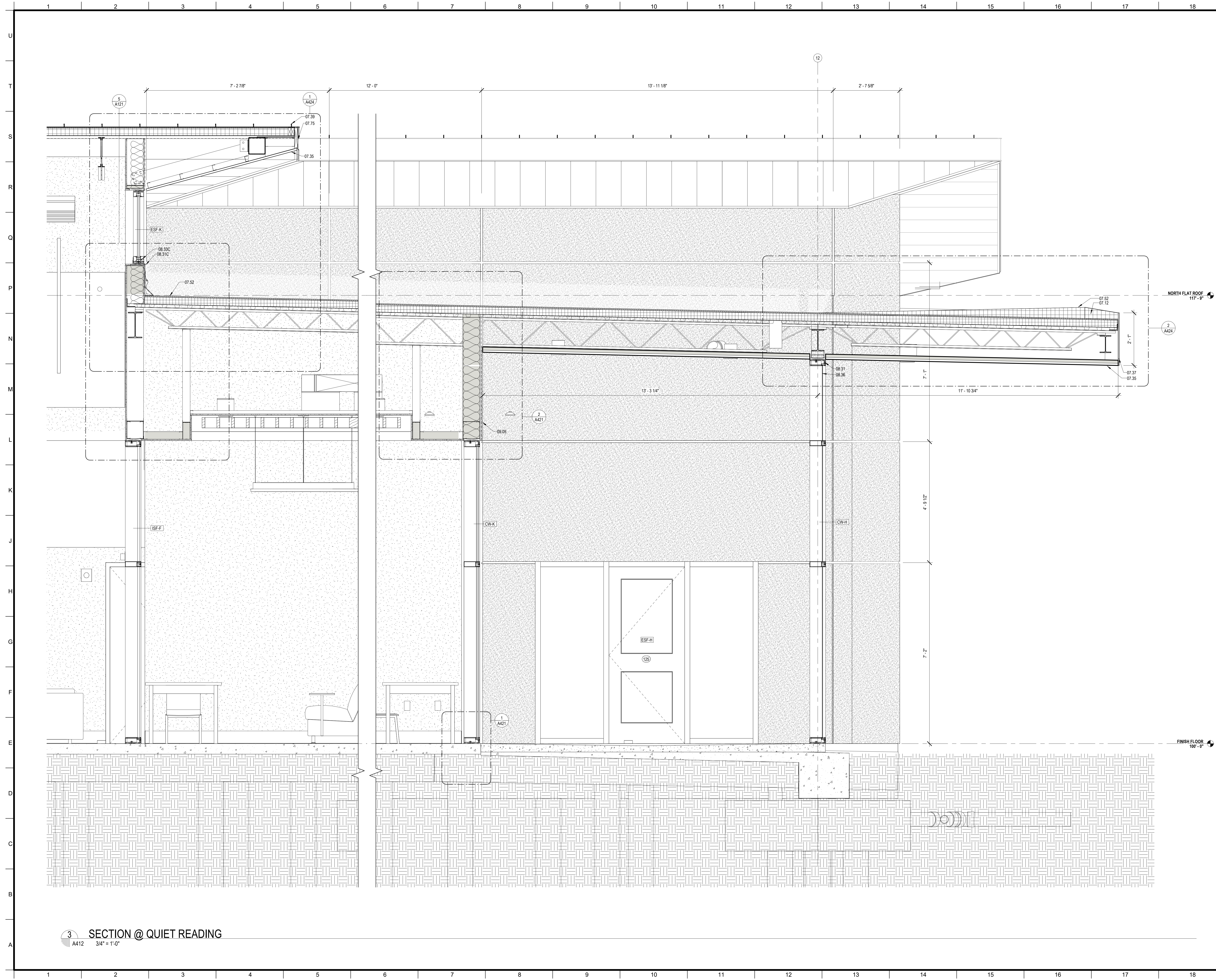
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| DESIGNED BY | MBA/ABM | CHECKED BY | AM/PP |
| DRAWN BY | MP/SC/ALB | DATE | 05.05.2023 |

SHEET TITLE

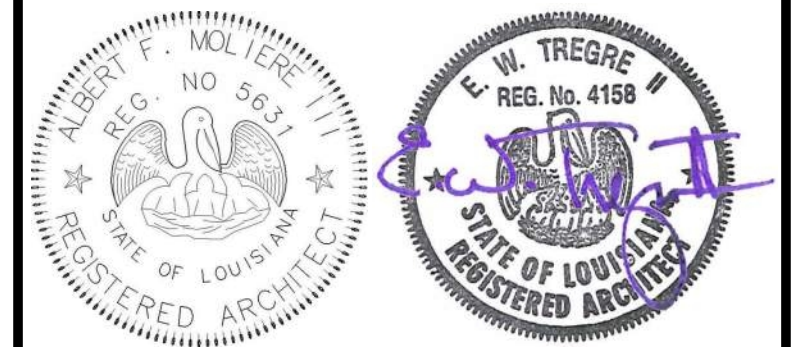
WALL SECTIONS

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|-------------|--------------|-----------|------|
| PROJECT NO. | MBA - 11884 | SHEET NO. | A411 |
| | ABM - 201813 | | |



MATERIALS KEYING/ GENERAL NOTES

| Keystone Legend | |
|-----------------|---|
| Key Value | Keystone Text |
| 07.12 | TAPERED ROOF INSULATION (07 51 00) |
| 07.35 | PREFORMED METAL SOFFIT PANELS (07 41 00) |
| 07.37 | PREFORMED METAL SIDING PANELS (07 41 00) |
| 07.39 | STANDING SEAM METAL ROOF (07 41 00) |
| 07.52 | MODIFIED BITUMEN ROOF (07 51 00) |
| 07.75 | METAL FASCIA - PTD. (07 60 00) |
| 08.31 | ALUMINUM FRAME (08 40 00) |
| 08.31C | ALUMINUM SILL FLASHING - DAM AT ENDS (08 40 00) |
| 08.33C | ALUMINUM WINDOW SILL (08 52 00) |
| 08.36 | INSECT SCREEN INFILL PANEL |
| 09.05 | STUCCO ON METAL LATH (09 22 00) |



| No. | Description | Date |
|-----|-------------|------|
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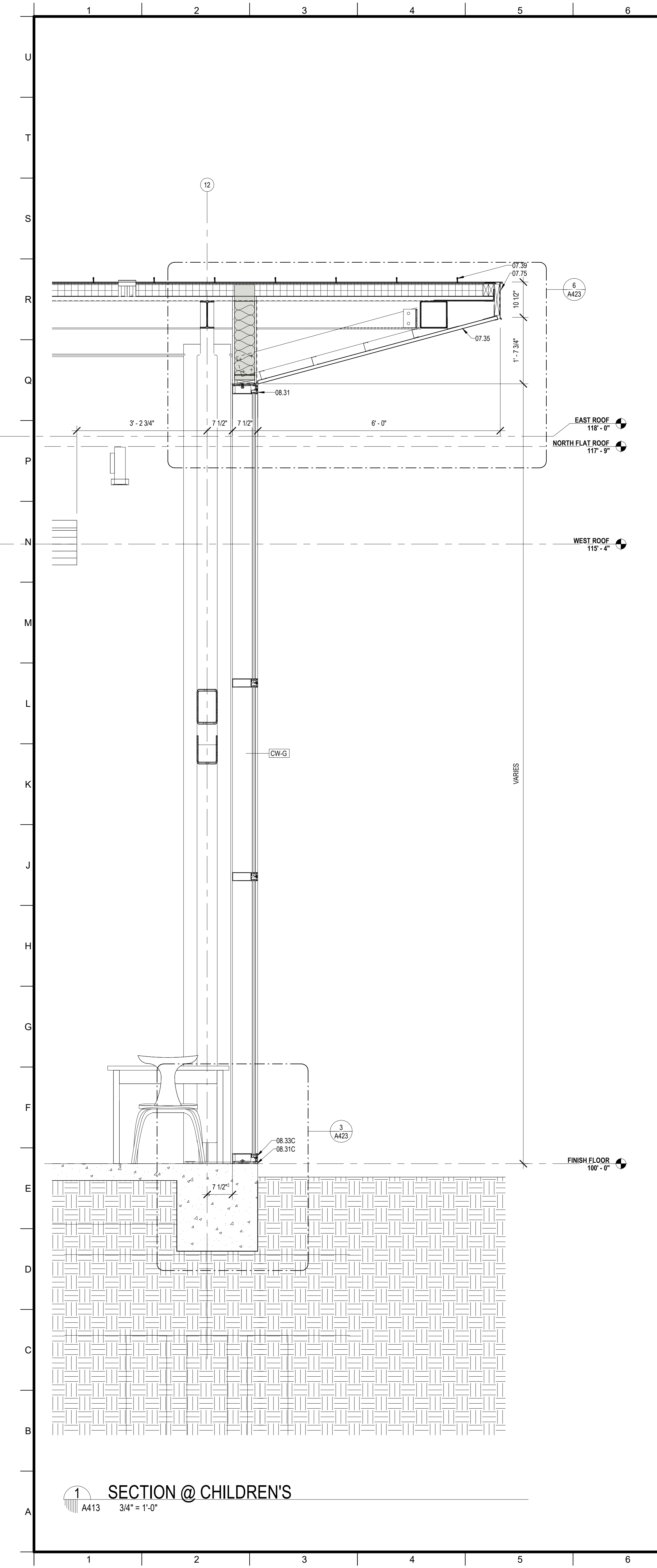
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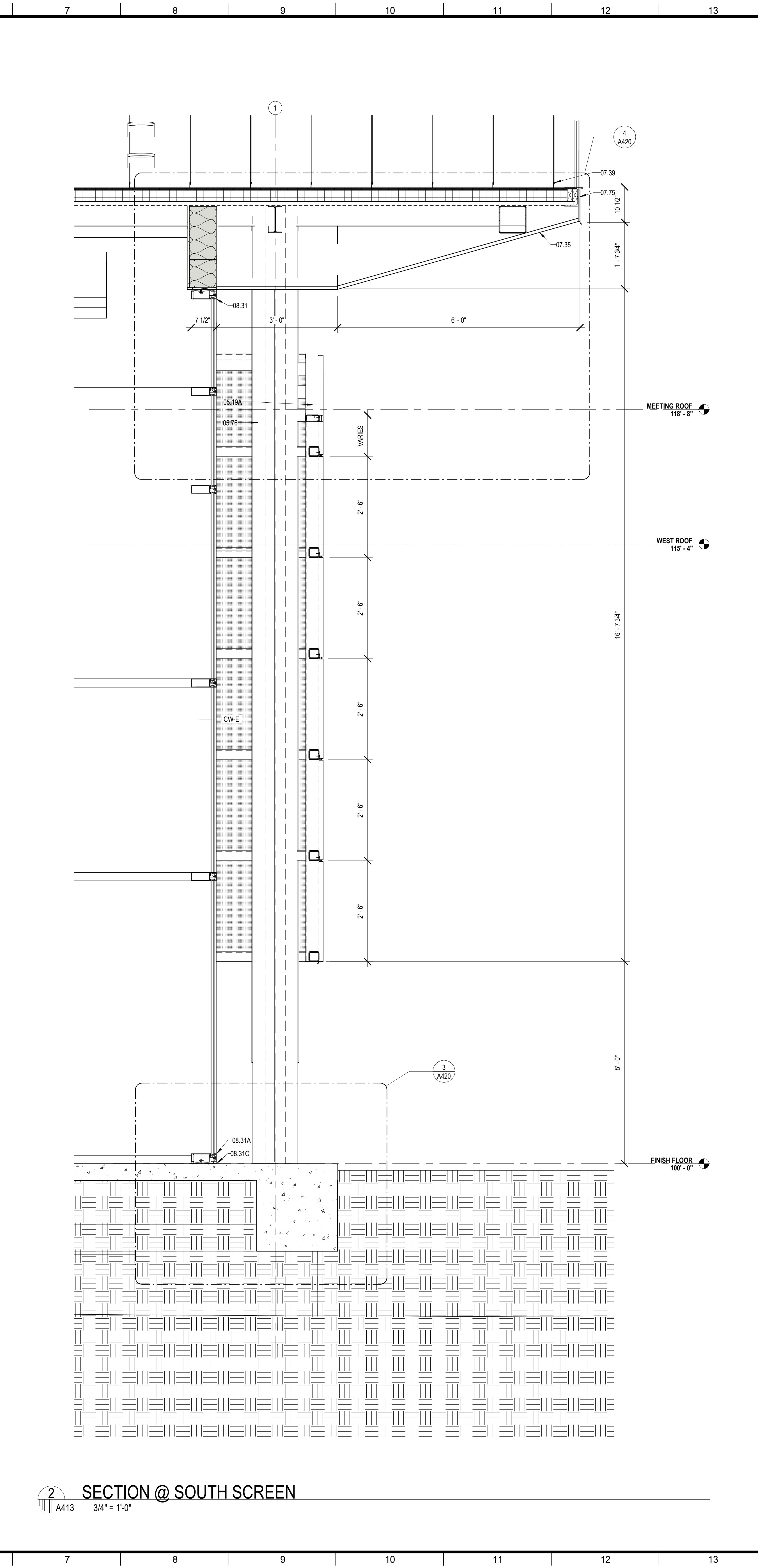
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| DESIGNED BY | MBA/ABM | CHECKED BY | AM/PP |
| DRAWN BY | MP/SC/ALB | DATE | 05.05.2023 |
| SHEET TITLE | | | |
| WALL SECTIONS | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | A412 |
| | ABM - 201813 | | |

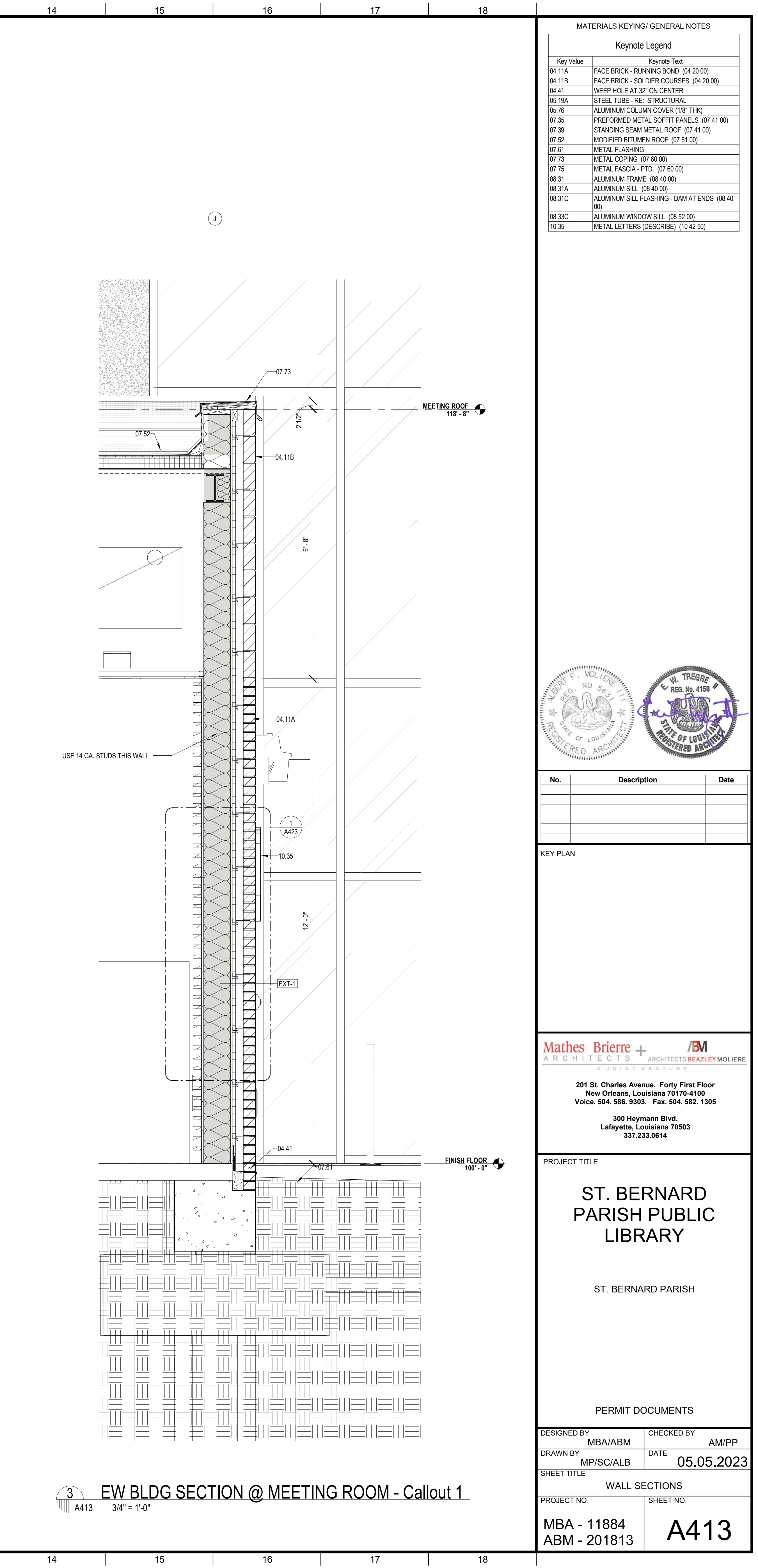
3 SECTION @ QUIET READING
 A412 3/4" = 1'-0"



1 SECTION @ CHILDREN'S
A413 3/4" = 1'-0"



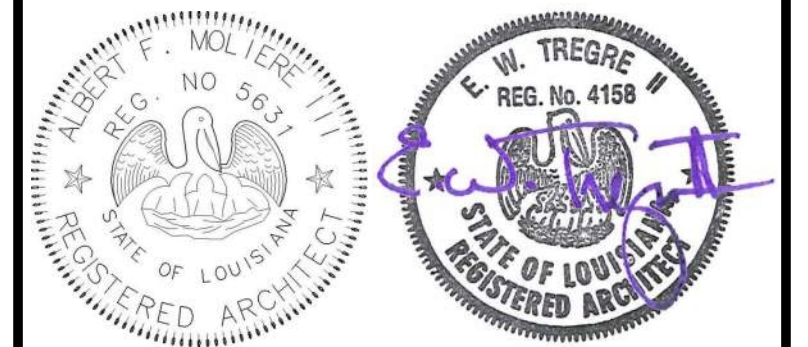
2 SECTION @ SOUTH SCREEN
A413 3/4" = 1'-0"



3 EW BLDG SECTION @ MEETING ROOM - Callout 1
A413 3/4" = 1'-0"

MATERIALS KEYING/ GENERAL NOTES

| Key Value | Keynote Text |
|-----------|---|
| 04.11A | FACE BRICK - RUNNING BOND (04 20 00) |
| 04.11B | FACE BRICK - SOLDIER COURSES (04 20 00) |
| 04.41 | WEEP HOLE AT 32" ON CENTER |
| 05.19A | STEEL TUBE - RE- STRUCTURAL |
| 05.75 | ALUMINUM COLUMN COVER (18" THK) |
| 07.35 | PREFORMED METAL SOFFIT PANELS (07 41 00) |
| 07.39 | STANDING SEAM METAL ROOF (07 41 00) |
| 07.52 | MODIFIED BITUMEN ROOF (07 51 00) |
| 07.51 | METAL FLASHING |
| 07.73 | METAL COPING (07 60 00) |
| 07.75 | METAL FASCIA - PTD. (07 60 00) |
| 08.31 | ALUMINUM FRAME (08 40 00) |
| 08.31A | ALUMINUM SILL (08 40 00) |
| 08.31C | ALUMINUM SILL FLASHING - DAM AT ENDS (08 40 00) |
| 08.33C | ALUMINUM WINDOW SILL (08 52 00) |
| 10.35 | METAL LETTERS (DESCRIBE) (10 42 50) |



| No. | Description | Date |
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| DESIGNED BY | MBA/ABM | CHECKED BY | AM/PP |
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SHEET TITLE

WALL SECTIONS

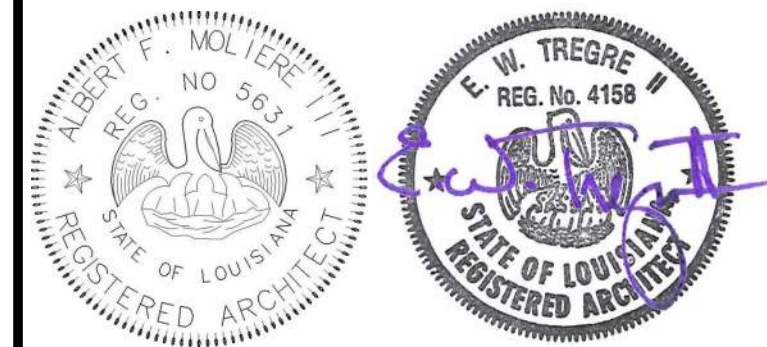
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|-------------|--------------|-----------|------|
| PROJECT NO. | MBA - 11884 | SHEET NO. | A413 |
| | ABM - 201813 | | |



1 SECTION @ BOOK DROP
A414 3/4" = 1'-0"

MATERIALS KEYING/ GENERAL NOTES

| Keynote Legend | |
|----------------|--|
| Key Value | Keynote Text |
| 03.11 | EXPANSION JOINT - RE (03 30 00) |
| 04.11A | FACE BRICK - RUNNING BOND (04 20 00) |
| 04.11B | FACE BRICK - SOLDIER COURSES (04 20 00) |
| 04.40 | MORTAR CONTROL |
| 04.41 | WEEP HOLE AT 32" ON CENTER |
| 04.47 | MASONRY ANCHORS (04 20 00) |
| 04.94 | SOLID MORTAR FILL |
| 05.07 | STEEL LINTEL (GALVANIZED)- RE- STRUCTURAL (05 12 00) |
| 05.83 | BRACE TO STRUCTURE AS REQUIRED |
| 06.27A | TREATED WOOD BLOCKING |
| 07.52 | MODIFIED BITUMEN ROOF (07 51 00) |
| 07.61 | METAL FLASHING |
| 07.73 | METAL COPING (07 60 00) |
| 08.31 | ALUMINUM FRAME (08 40 00) |
| 08.31A | ALUMINUM SILL (08 40 00) |
| 08.31C | ALUMINUM SILL FLASHING - DAM AT ENDS (08 40 00) |
| 10.41A | ALUMINUM GUTTER AND FASCIA (10 53 00) |
| 10.43 | CANOPY (10 53 00) |
| 10.60 | PREFABRICATED BOOK DROP |



| No. | Description | Date |
|-----|-------------|----------|
| 1 | Addendum 1 | 05/25/23 |
| | | |
| | | |

KEY PLAN

Mathes Brierre + /BM
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
Voice: 504.586.9303 Fax: 504.582.1305

300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

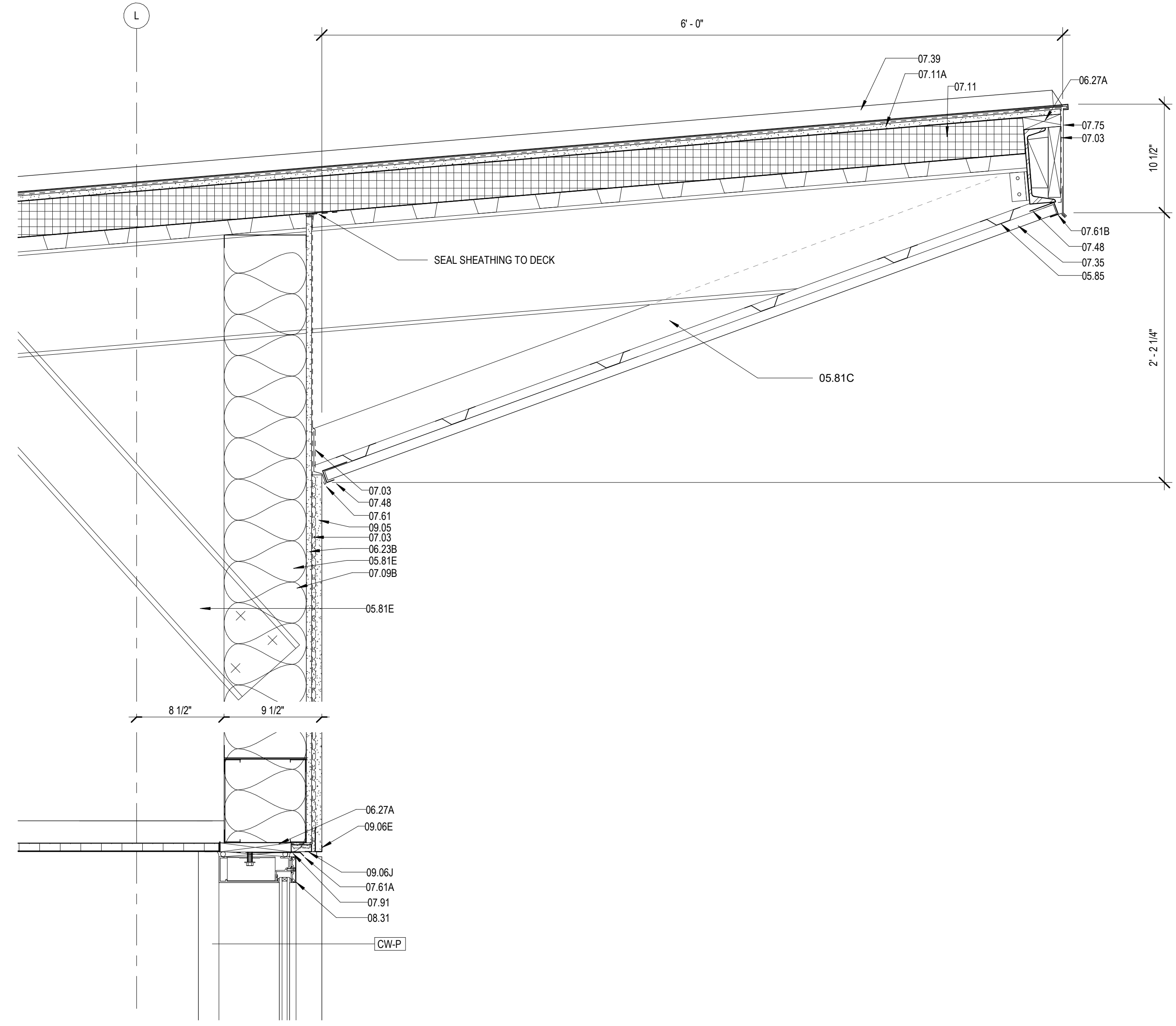
PROJECT TITLE

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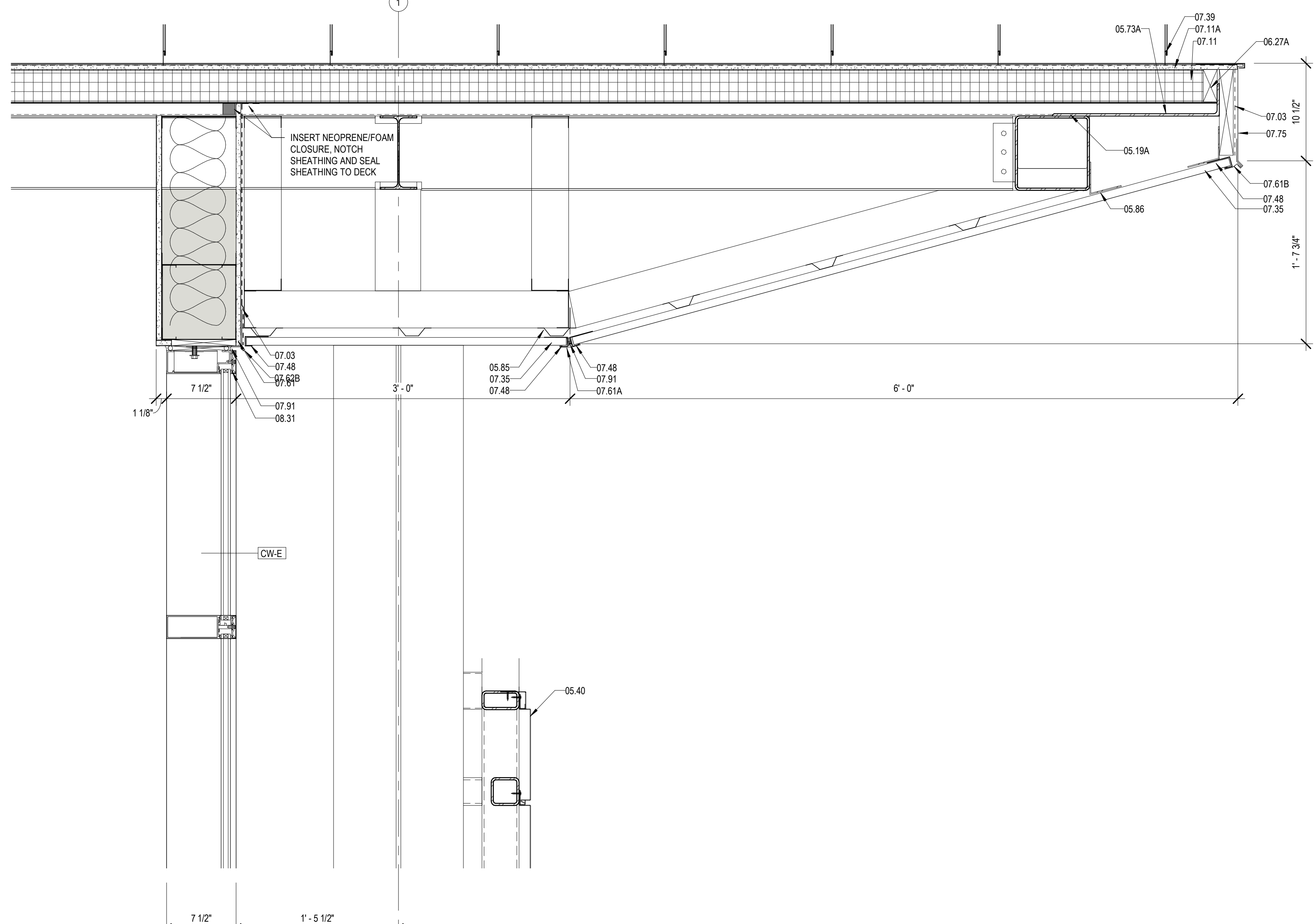
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PERMIT DOCUMENTS

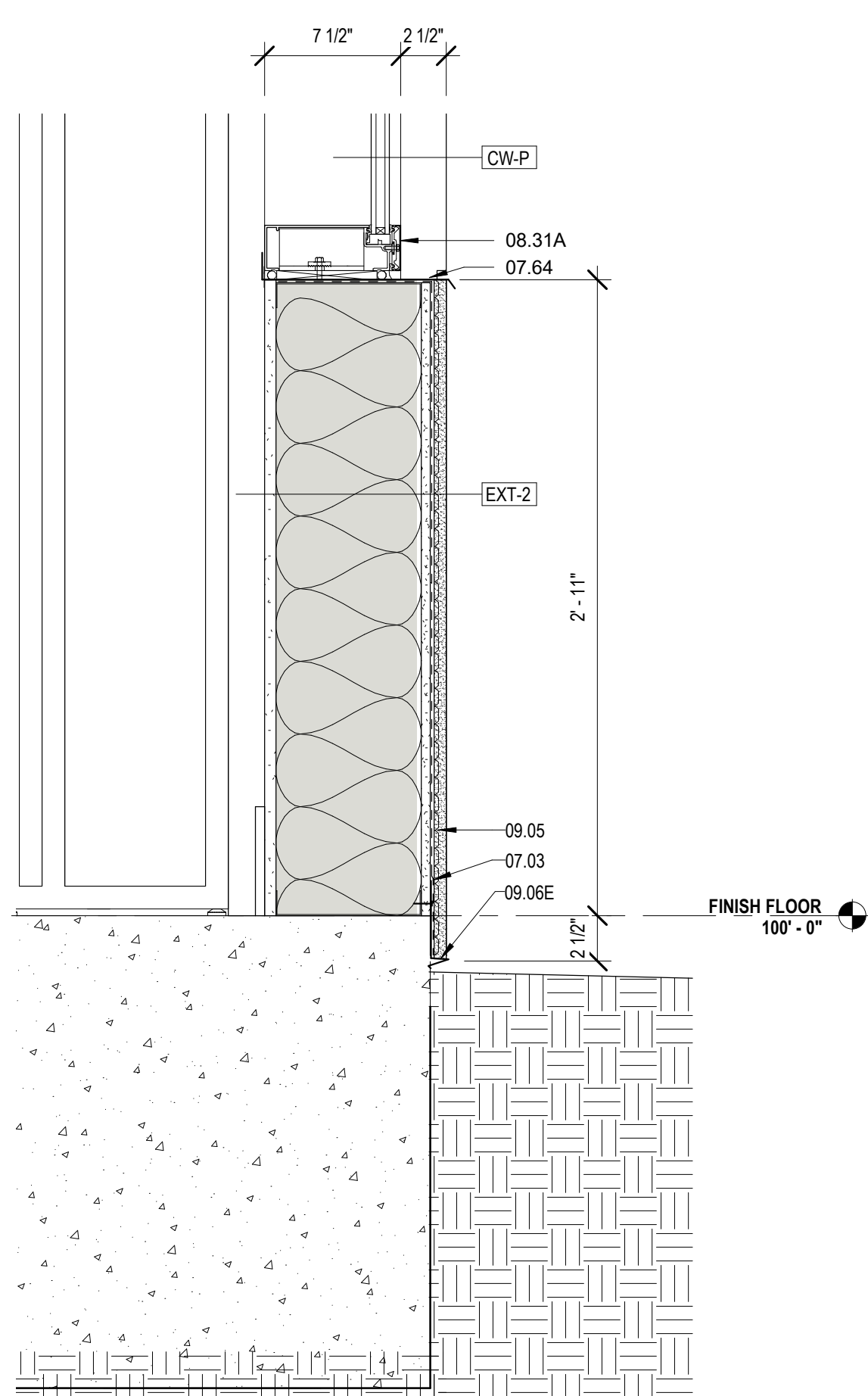
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|---------------|--------------|------------|------------|
| DESIGNED BY | MBA/ABM | CHECKED BY | AM/PP |
| DRAWN BY | MP/SC/ALB | DATE | 05.05.2023 |
| SHEET TITLE | | | |
| WALL SECTIONS | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | A414 |
| | ABM - 201813 | | |



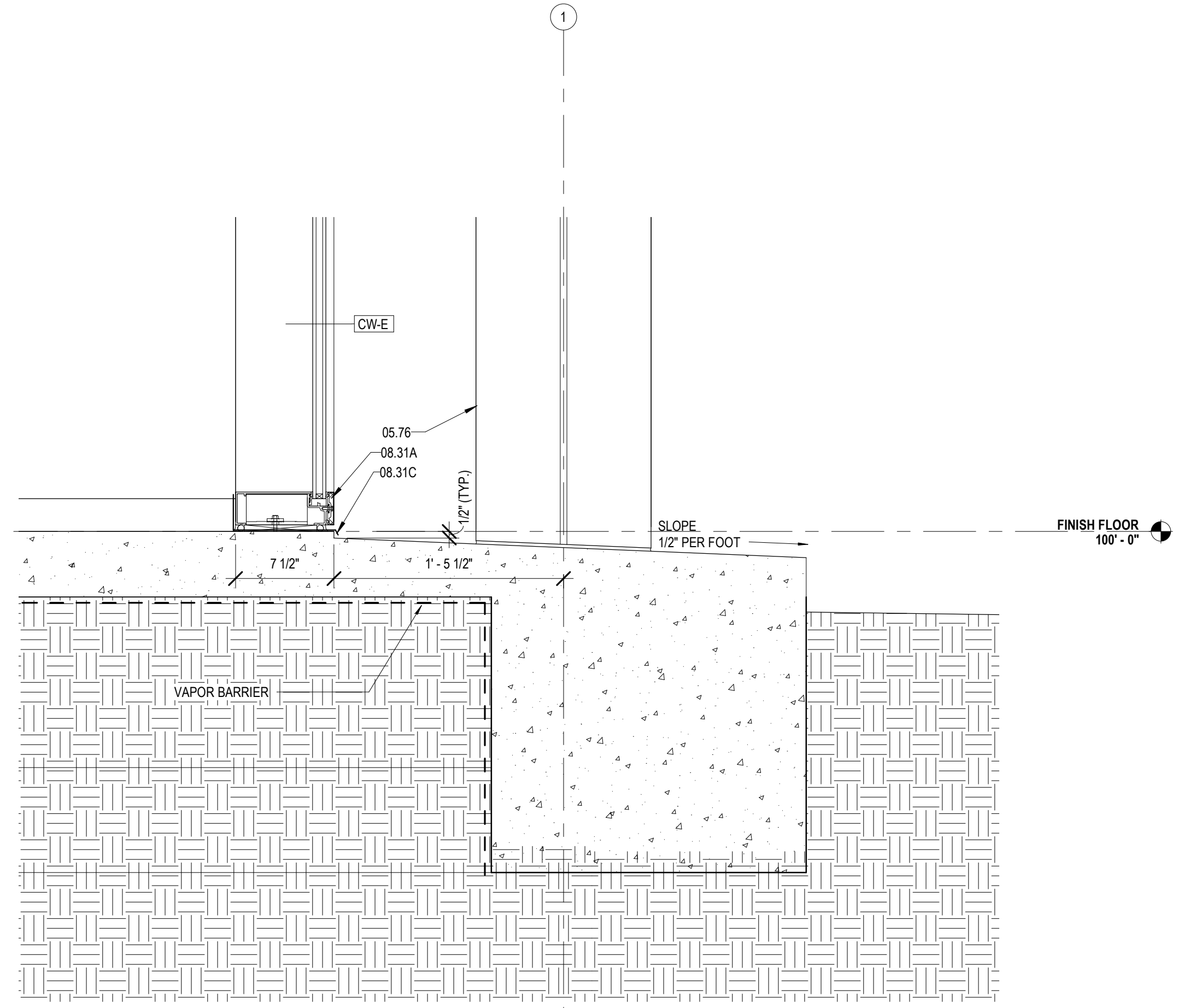
2 SOFFIT DETAIL
A420 1 1/2" = 1'-0"



4 DETAIL @ SOUTH CW & SCREEN
A420 1 1/2" = 1'-0"



1 TYPICAL DETAIL @ STUCCO WALL
A420 1 1/2" = 1'-0"



3 DETAIL @ SOUTH CW
A420 1 1/2" = 1'-0"

MATERIALS KEYING/ GENERAL NOTES

| Key Value | Keynote Text |
|-----------|--|
| 05.19A | STEEL TUBE - RE: STRUCTURAL |
| 05.40 | PERFORATED STEEL SCREEN (05 70 00) |
| 05.73A | STEEL BENT PLATE (05 50 00) |
| 05.76 | ALUMINUM COLUMN COVER (1/8" THK) |
| 05.81C | 4" STRUCTURAL STEEL STUDS AT 16" O.C. |
| 05.81E | 8" STRUCTURAL STEEL STUDS AT 16" O.C. |
| 05.85 | 7/8" HAT CHANNEL |
| 05.86 | COLD FORMED METAL ANGLE |
| 06.23B | 1/2" GYPSUM BOARD SHEATHING (06 10 00) |
| 06.27A | TREATED WOOD BLOCKING |
| 07.03 | MEMBRANE WATERPROOFING (07 27 26) |
| 07.09B | R-19 BATT INSULATION (6" THK) (07 21 00) |
| 07.11 | RIGID ROOF INSULATION (3 1/2" THK) (07 51 00) |
| 07.11A | COVERBOARD (1/2" THK) (07 51 00) |
| 07.35 | PERFORATED METAL SCOFF PANELS (07 41 00) |
| 07.39 | STANDING SEAM METAL ROOF (07 41 00) |
| 07.48 | J CLOSURE |
| 07.61 | METAL FLASHING |
| 07.61A | PRE-FINISHED METAL FLASHING |
| 07.61B | CONTINUOUS 26 GA. GALVANIZED METAL CLEAT (07 60 00) |
| 07.62B | METAL DRIP CAP - CLIP TO WINDOW HEAD FLASHING |
| 07.64 | PRE-FINISHED METAL SILL FLASHING W/ EDGE DAMS (07 51 00) |
| 07.75 | METAL FASCIA - PTD. (07 60 00) |
| 07.91 | BACKER ROD & SEALANT |
| 08.31 | ALUMINUM FRAME (08 40 00) |
| 08.31A | ALUMINUM SILL (08 40 00) |
| 08.31C | ALUMINUM SILL FLASHING - DAM AT ENDS (08 40 00) |
| 09.05 | STUCCO ON METAL LATH (09 22 00) |
| 09.06E | STUCCO SYSTEM DRIP SCREED (09 22 00) |
| 09.06J | STUCCO SYSTEM J MOLDING (09 2200) |

VAPOR/AIR BARRIER ENVELOPE REQUIREMENTS:

- LIQUID APPLIED VAPOR/AIR MEMBRANE SHALL BE APPLIED TO WOOD AND SHEATHING SURFACES, ETC IN ALL EXTERIOR WALL CAVITIES.
- ALL CRACKS, SEAMS, JOINTS, PENETRATIONS, AND OPENINGS IN EXTERIOR ENVELOPE SHALL BE PROPERLY FLASHED WITH COMPATIBLE SELF ADHERED SHEET OR LIQUID MESH MEMBRANE AS NECESSARY TO PROVIDE AN UNINTERRUPTED AIR/VAPOR BARRIER MEMBRANE ON ALL EXTERIOR WALL CAVITY SURFACES AND OPENINGS.
- ADJACENT SURFACES OF ALL CRACKS, SEAMS, JOINTS, PENETRATIONS, AND OPENINGS SHALL BE CLEANED AND PREPARED AS REQUIRED TO ACHIEVE PROPER ADHESION OF SELF ADHERED SHEET AND/OR LIQUID-MESH MEMBRANES.
- SELF ADHERED SHEET AND/OR LIQUID-MESH MEMBRANES SHALL BE A MINIMUM 20 MILS IN THICKNESS, SHALL BE ROLLED AT THE ENDS TO PREVENT "FISH MOUTHS", AND SEALED AT THE EDGES.
- METAL HEAD, JAMB AND SILL FLASHING AT EXTERIOR OPENINGS MUST BE INCORPORATED AND FULLY SEALED WITH THE EXTERIOR WALL VAPOR/AIR MEMBRANE, AND THE WINDOW/DOOR FRAME, THUS PROVIDING A CONTINUOUS "VAPOR BARRIER" MEMBRANE BETWEEN WALL AND WINDOW/DOOR FRAME. THE METHOD OF CONSTRUCTING THIS SEAL BETWEEN THE WINDOW/DOOR FRAME DEPENDS ON THE FRAME ASSEMBLY - TYPICALLY A BEAD OF COMPATIBLE SEALANT AND/OR A PIECE OF MEMBRANE FLASHING IS USED TO ACHIEVE A VAPOR TIGHT INSTALLATION.
- ALL METAL WINDOW SILL FLASHING SHALL BE DAMMED AT THE ENDS AND FULLY INCORPORATED INTO THE WALL VAPOR/AIR MEMBRANE. AS NECESSARY TO PROVIDE A CONTINUOUS "VAPOR BARRIER" MEMBRANE BETWEEN WALL AND WINDOW/DOOR FRAME. SEALANT BEAD SHALL BE LOCATED AS TO NOT DISRUPT THE DRAINAGE OF THE WINDOW SYSTEM AND ALLOW FOR AN UNINTERRUPTED PATH OF ESCAPE OF WATER FROM THE WALL CAVITIES.

| No. | Description | Date |
|-----|-------------|----------|
| 1 | Addendum 1 | 05/25/23 |



Mathes Brierre + /BM
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
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300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

PROJECT TITLE

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| | | | |
|-------------|-----------|------------|------------|
| DESIGNED BY | MBA/ABM | CHECKED BY | AM/PP |
| DRAWN BY | MP/SC/ALB | DATE | 05.05.2023 |

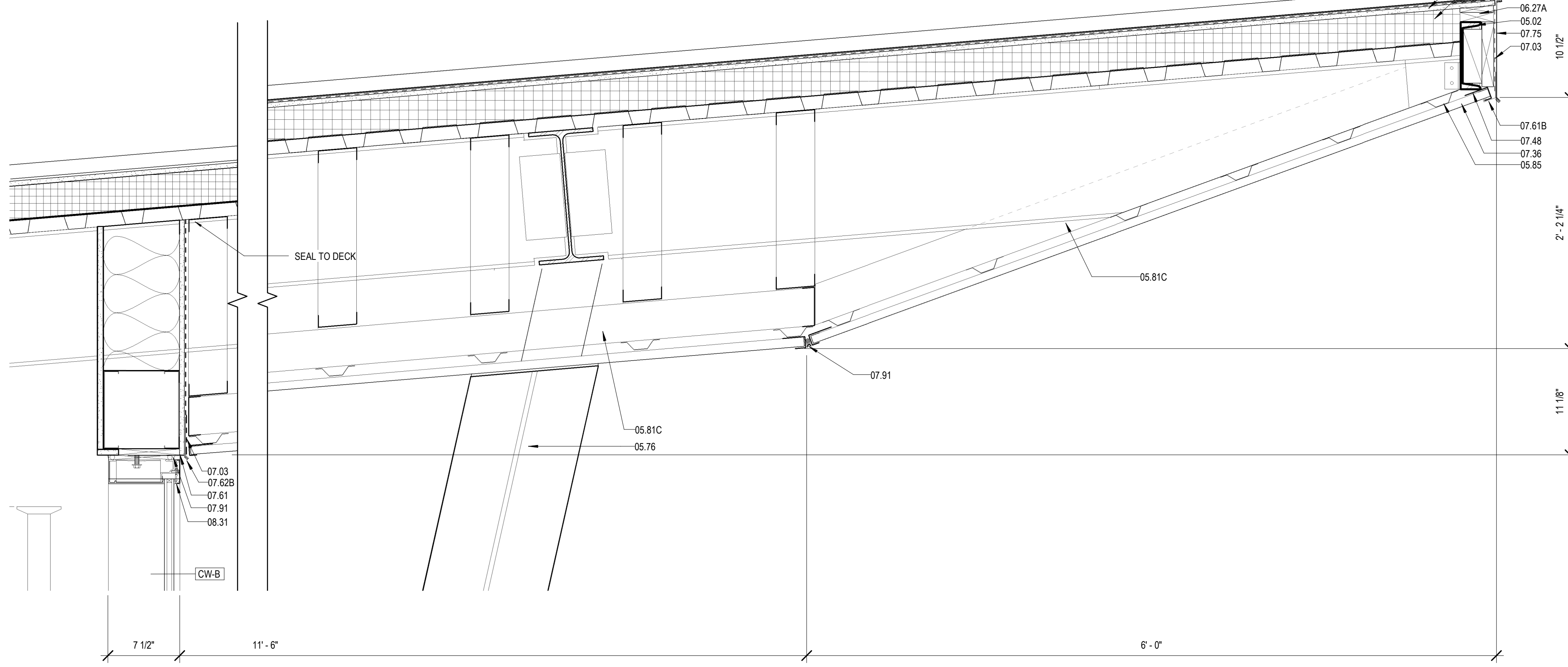
SHEET TITLE

ENLARGED SECTION DETAILS

| | | | |
|-------------|--------------|-----------|------|
| PROJECT NO. | MBA - 11884 | SHEET NO. | A420 |
| | ABM - 201813 | | |

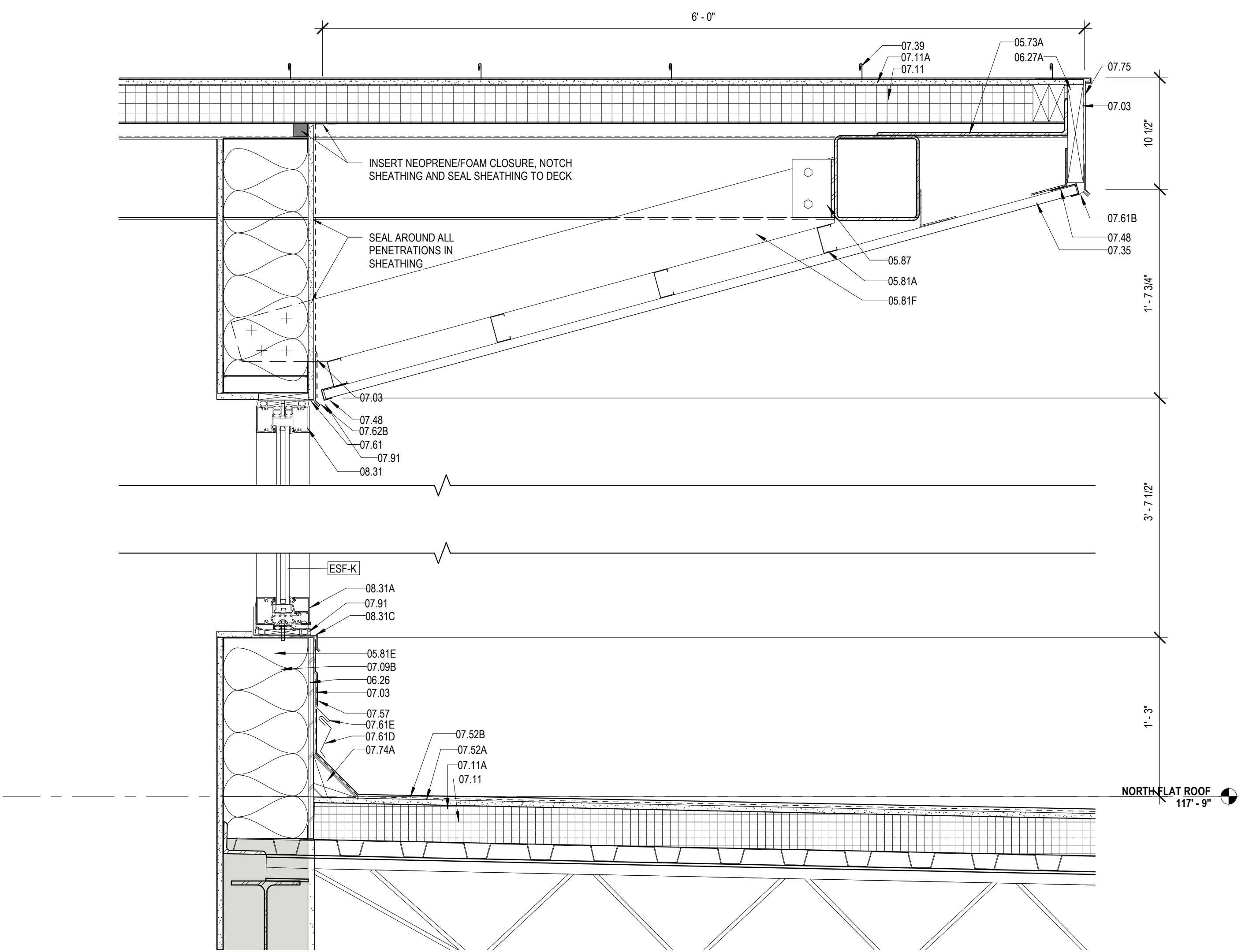
VAPOR BARRIER ENVELOPE REQUIREMENTS:

- LIQUID APPLIED VAPOR BARRIER MEMBRANE SHALL BE APPLIED TO WOOD AND SHEATHING SURFACES, ETC. IN ALL EXTERIOR WALL CAVITIES.
- ALL CRACKS, SEAMS, JOINTS, PENETRATIONS, AND OPENINGS IN EXTERIOR ENVELOPE SHALL BE PROPERLY FLASHED WITH COMPATIBLE SELF ADHERED SHEET OR LIQUID-MESH MEMBRANE AS NECESSARY TO PROVIDE AN UNINTERRUPTED VAPOR BARRIER MEMBRANE ON ALL EXTERIOR WALL CAVITY SURFACES AND OPENINGS.
- ADJACENT SURFACES OF ALL CRACKS, SEAMS, JOINTS, PENETRATIONS, AND OPENINGS SHALL BE CLEANED AND PREPARED AS REQUIRED TO ACHIEVE PROPER ADHESION OF SELF ADHERED SHEET AND/OR LIQUID-MESH MEMBRANES.
- SELF ADHERED SHEET AND/OR LIQUID-MESH MEMBRANES SHALL BE A MINIMUM 20 MILS IN THICKNESS, SHALL BE ROLLED AT THE ENDS TO PREVENT "FISH MOUTHS", AND SEALED AT THE EDGES.
- METAL HEAD, JAMB AND SILL FLASHING AT EXTERIOR OPENINGS MUST BE INCORPORATED AND FULLY SEALED WITH THE EXTERIOR WALL VAPOR BARRIER MEMBRANE, AND THE WINDOW/DOOR FRAME, THIS PROVIDING A CONTINUOUS VAPOR BARRIER MEMBRANE BETWEEN WALL AND WINDOW/DOOR FRAME. THE METHOD OF CONSTRUCTING THIS SEAL BETWEEN THE WINDOW/DOOR FRAME DEPENDS ON THE FRAME ASSEMBLY - TYPICALLY A BEAD OF COMPATIBLE SEALANT AND/OR A PIECE OF MEMBRANE FLASHING IS USED TO ACHIEVE A VAPOR TIGHT INSTALLATION. ALL METAL WINDOW SILL FLASHING SHALL BE DAMAGED AT THE ENDS AND FULLY INCORPORATED INTO THE WALL VAPOR BARRIER MEMBRANE. AS NECESSARY TO PROVIDE A CONTINUOUS VAPOR BARRIER MEMBRANE BETWEEN WALL AND WINDOW/DOOR FRAME, SEALANT BEAD SHALL BE LOCATED AS TO NOT DISRUPT THE DRAINAGE OF THE WINDOW SYSTEM AND ALLOW FOR AN UNINTERRUPTED PATH OF ESCAPE OF WATER FROM THE WALL CAVITIES.



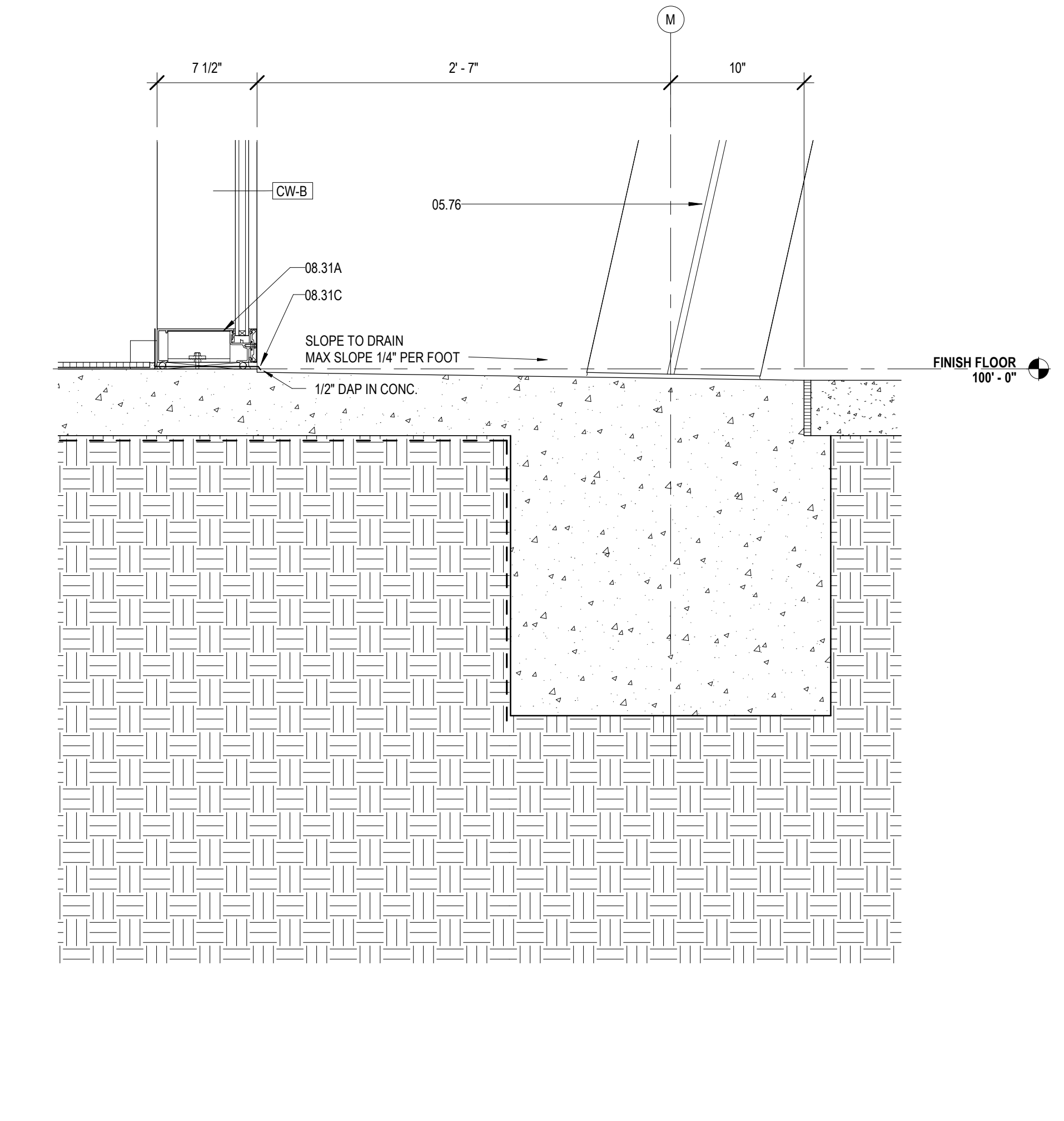
4 ROOF DETAIL @ ENTRANCE

A421 1 1/2" = 1'-0"



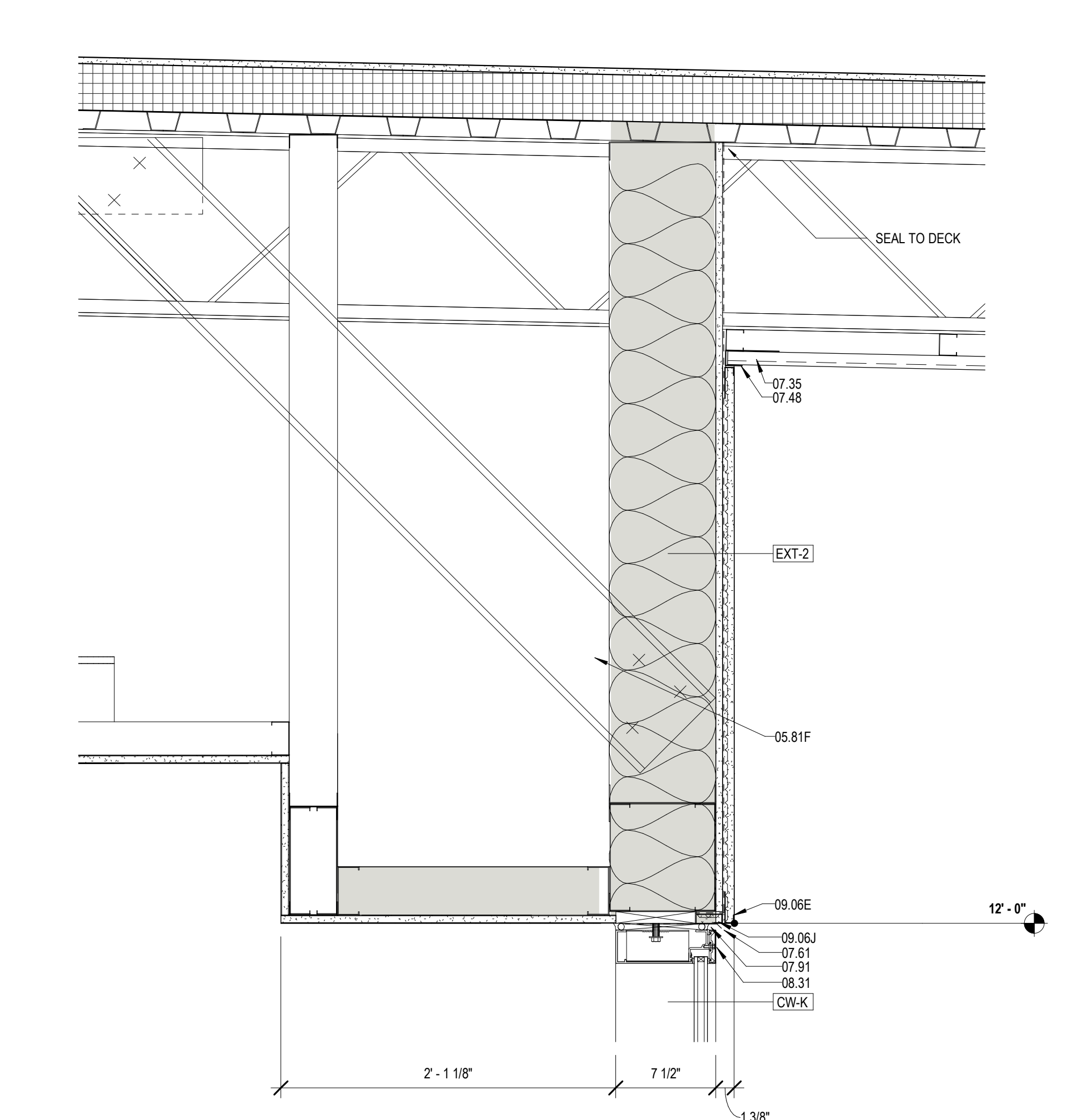
5 DETAIL @ NORTH CLERESTORY

A421 1 1/2" = 1'-0"



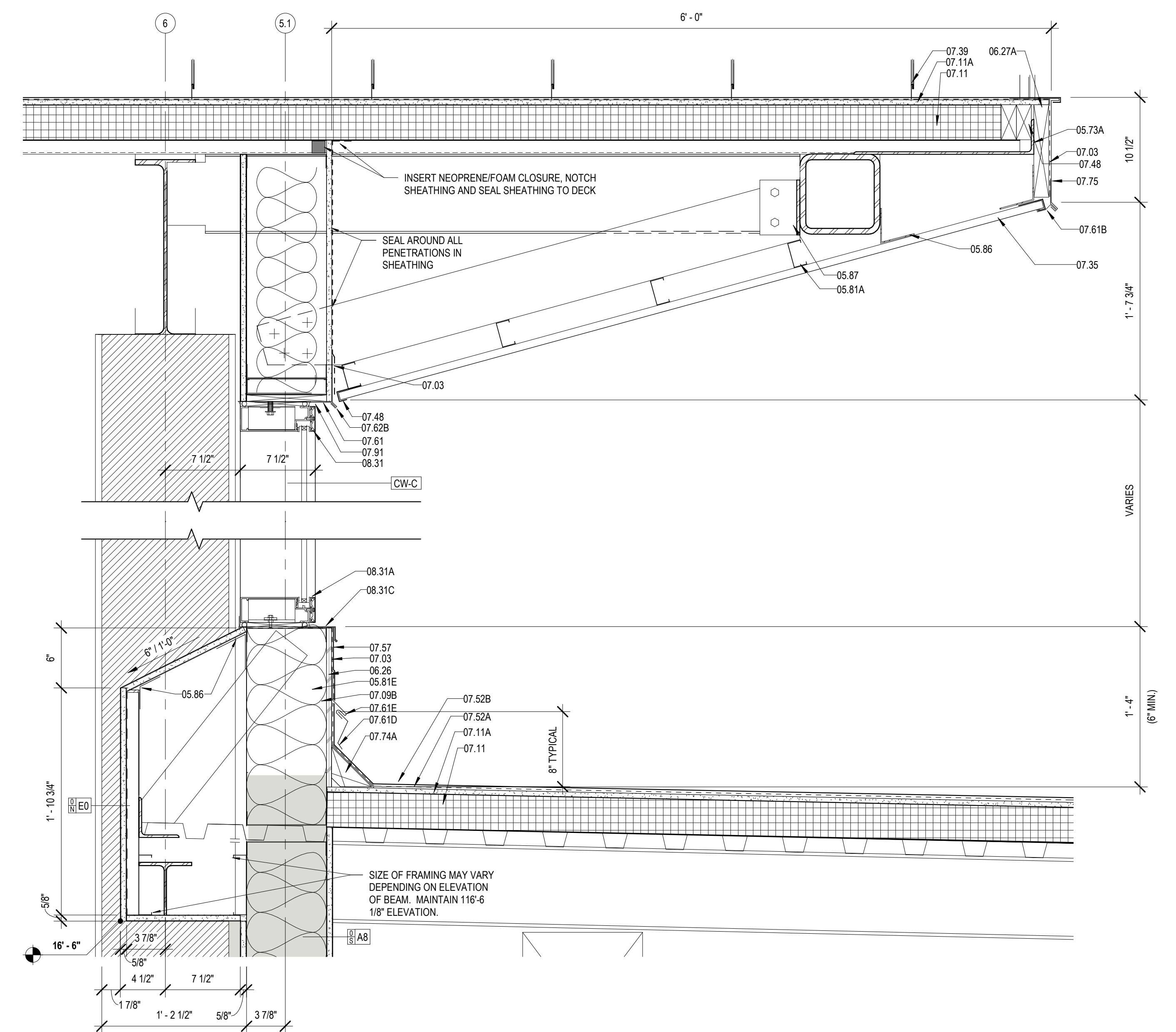
1 DETAIL @ ENTRANCE

A421 1 1/2" = 1'-0"



2 DETAIL @ QUIET READING

A421 1 1/2" = 1'-0"

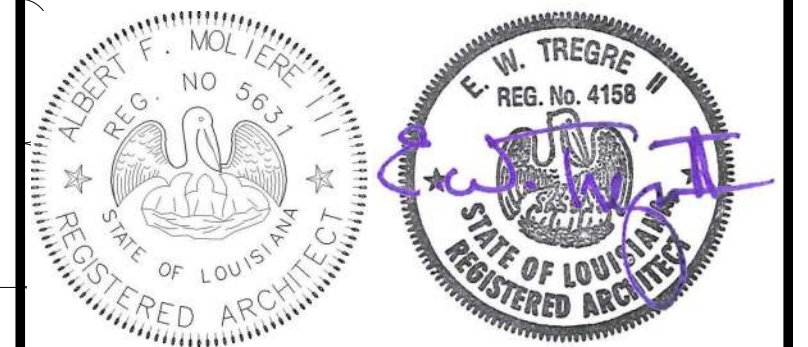


3 DETAIL @ LOBBY CLERESTORY

A421 1 1/2" = 1'-0"

MATERIALS KEYING/ GENERAL NOTES

| Key Value | Keynote Text |
|-----------|---|
| 05.02 | STEEL EDGE BEAM - RE. STRUCTURAL (05 12 00) |
| 05.73A | STEEL BENT PLATE (05 50 00) |
| 05.76 | ALUMINUM COLUMN COVER (1/8" THK) |
| 05.81A | 2" X 2" STRUCTURAL STEEL STUDS AT 16" O.C. |
| 05.81C | 4" STRUCTURAL STEEL STUDS AT 16" O.C. |
| 05.81E | 8" STRUCTURAL STEEL STUDS AT 16" O.C. |
| 05.81F | 6" COLD FORMED STEEL JOCKER AT 2' O.C. |
| 05.85 | 7/8" HAT CHANNEL |
| 05.86 | COLD FORMED METAL ANGLE |
| 06.07 | CLIP ANGLE - CONNECT TO STRUCTURE |
| 06.26 | 1/2" PLYWOOD SHEATHING |
| 06.27A | TREATED WOOD BLOCKING |
| 07.03 | MEMBRANE WATERPROOFING (07 27 26) |
| 07.09B | R-19 BATT INSULATION (6" THK) (07 21 00) |
| 07.11 | RIGID ROOF INSULATION (1/2" THK) (07 51 00) |
| 07.11A | COVERBOARD (1/2" THK) (07 51 00) |
| 07.35 | PREFORMED METAL SOFFIT PANELS (07 41 00) |
| 07.36 | PREFORMED PERFORATED METAL SOFFIT PANELS |
| 07.39 | STANDING SEAM METAL ROOF (07 41 00) |
| 07.48 | J CLOSURE |
| 07.52A | BASE PLY (07 51 00) |
| 07.52B | MODIFIED BITUMEN MEMBRANE (07 51 00) |
| 07.57 | PARAPET TREATMENT (07 11 50) |
| 07.61 | METAL FLASHING |
| 07.61B | CONTINUOUS 26 GA. GALVANIZED METAL CLEAT (07 60 00) |
| 07.61D | METAL COUNTER FLASHING |
| 07.61E | METAL FLASHING RECEIVER |
| 07.62B | METAL DRIP CAP - CLIP TO WINDOW HEAD FLASHING |
| 07.74A | CANT (TREATED WOOD) (07 60 00) |
| 07.75 | METAL FASCIA - FTD. (07 60 00) |
| 07.91 | BACKER ROD & SEALANT |
| 08.31 | ALUMINUM FRAME (08 40 00) |
| 08.31A | ALUMINUM SILL (08 40 00) |
| 08.31C | ALUMINUM SILL FLASHING - DAM AT ENDS (08 40 00) |
| 09.06E | STUCCO SYSTEM DRIP SCREED (09 22 00) |
| 09.06J | STUCCO SYSTEM J MOULDING (09 22 00) |



| No. | Description | Date |
|-----|-------------|----------|
| 1 | Addendum 1 | 05/25/23 |

KEY PLAN



Mathes Brierre + BM
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
 A JOINT VENTURE

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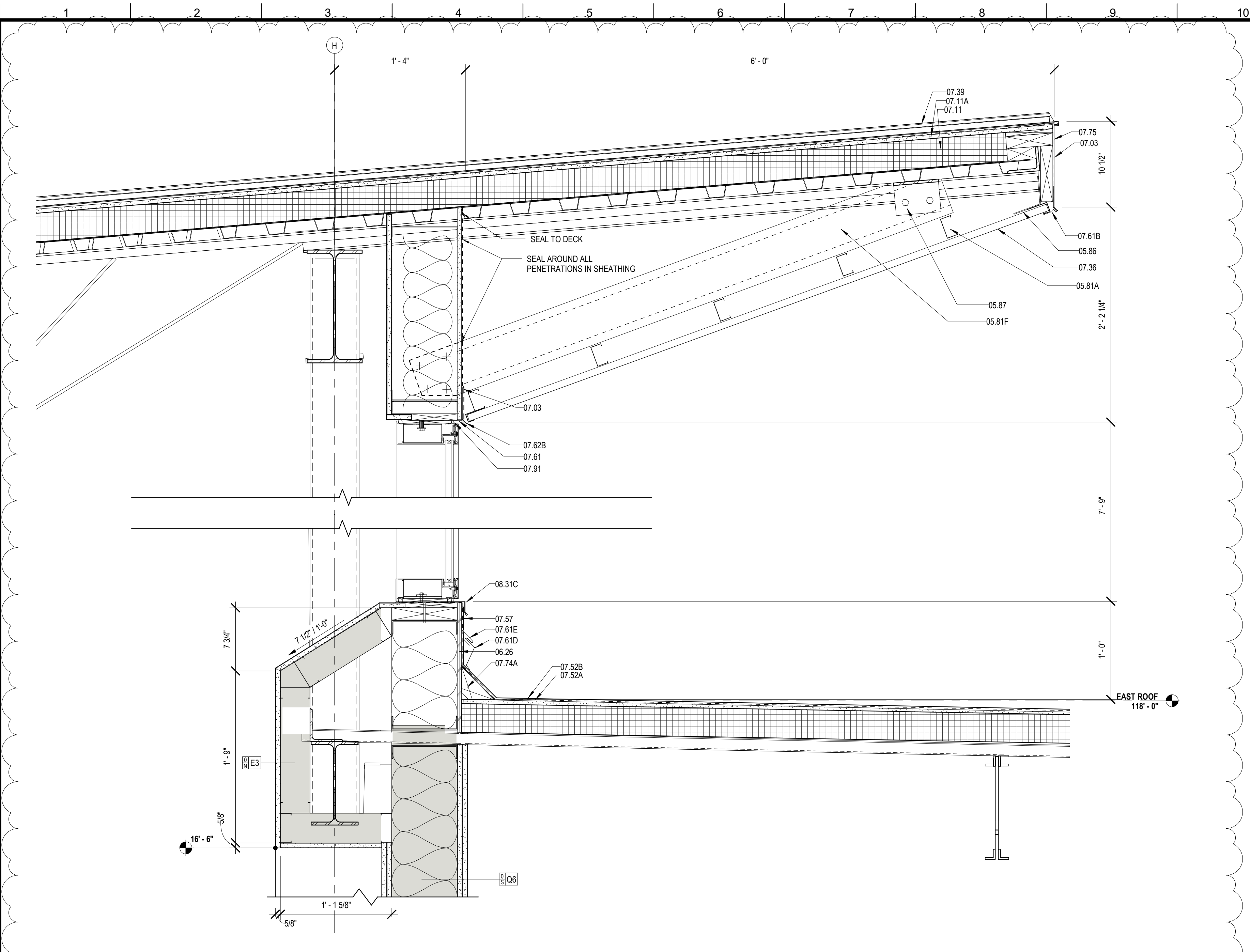
PERMIT DOCUMENTS

| | | | |
|-------------|-----------|------------|------------|
| DESIGNED BY | MBA/ABM | CHECKED BY | AM/PP |
| DRAWN BY | MP/SC/ALB | DATE | 05.05.2023 |

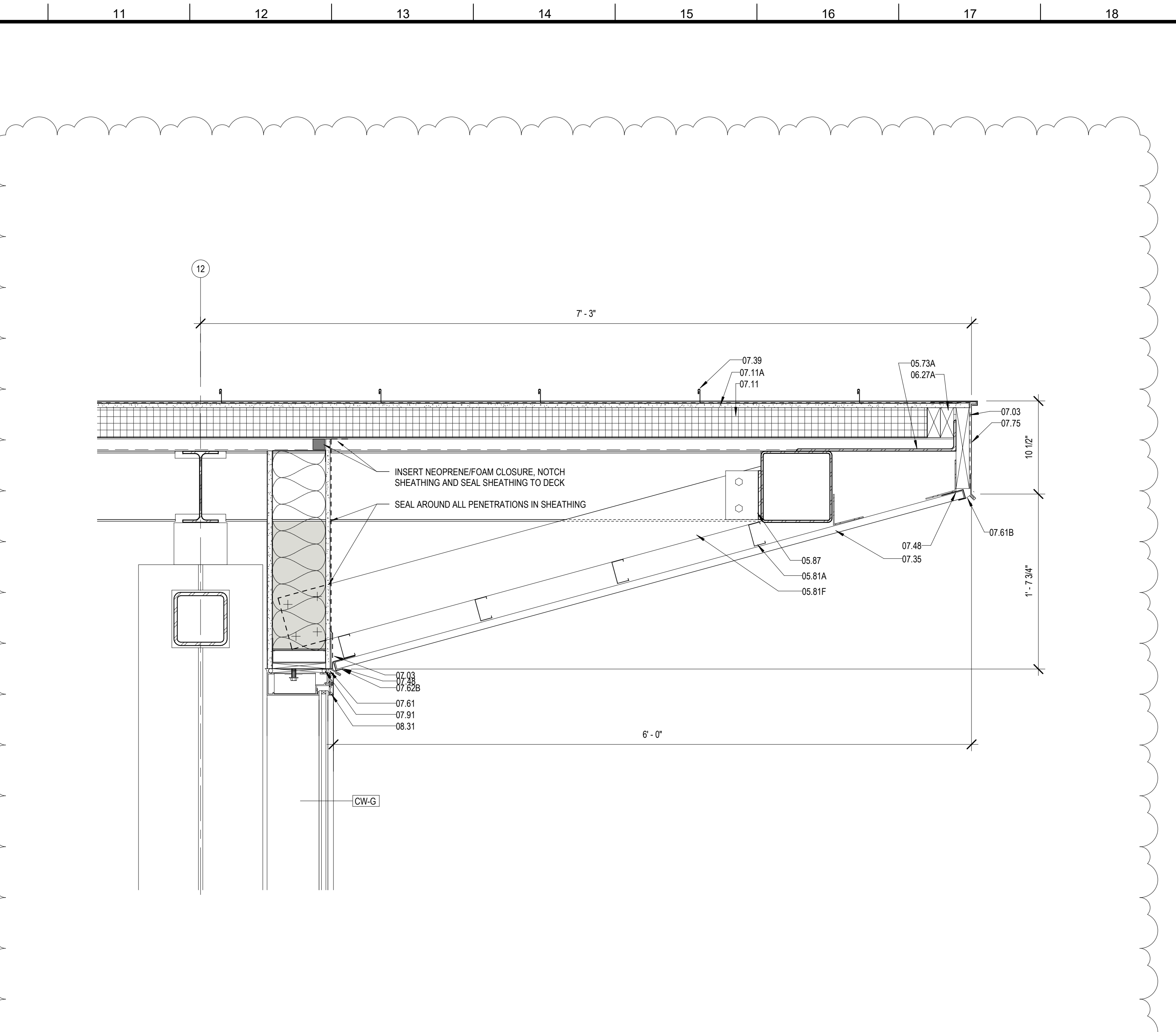
SHEET TITLE

ENLARGED SECTION DETAILS

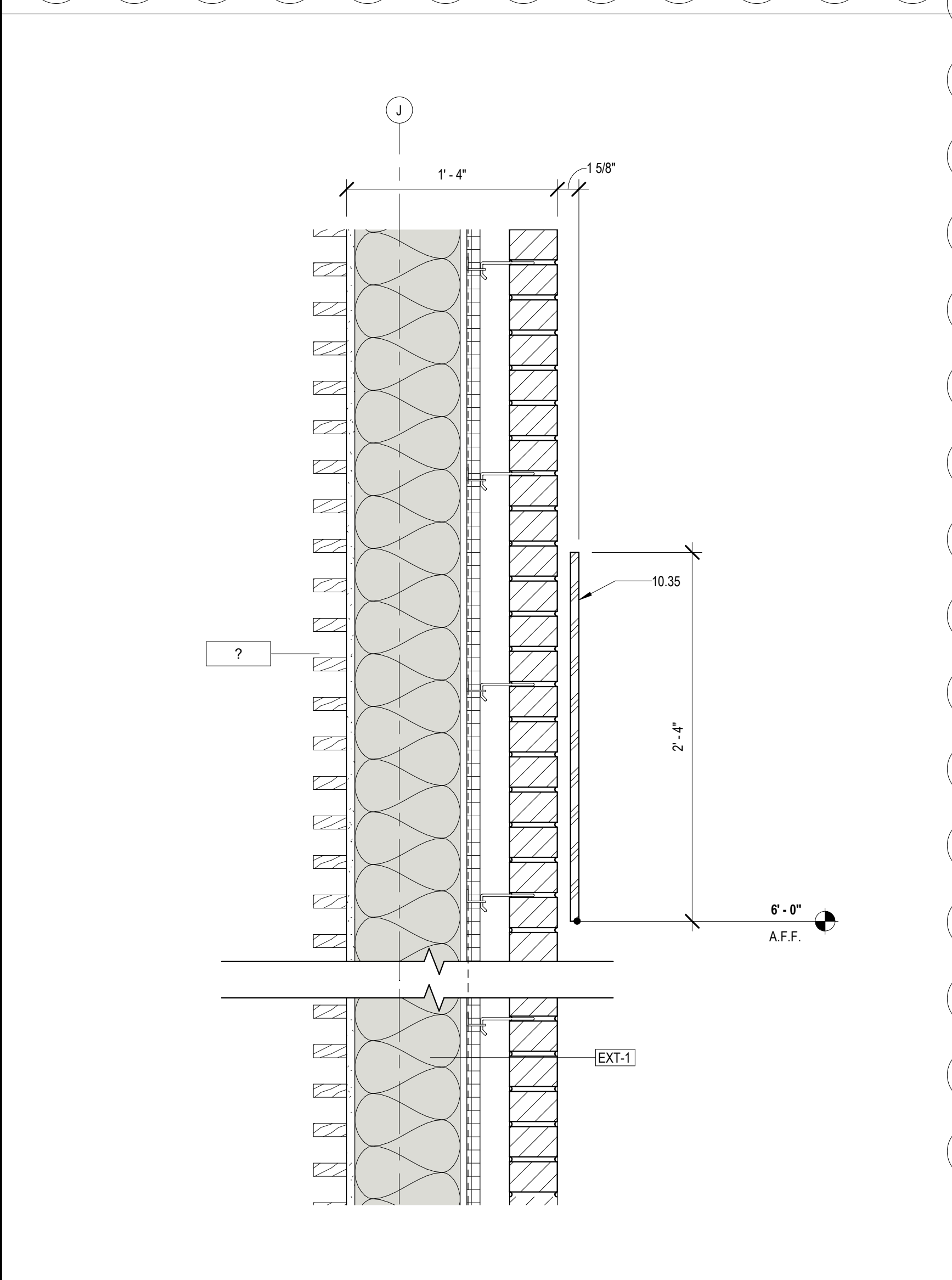
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|-------------|--------------|-----------|------|
| PROJECT NO. | MBA - 11884 | SHEET NO. | A421 |
| | ABM - 201813 | | |



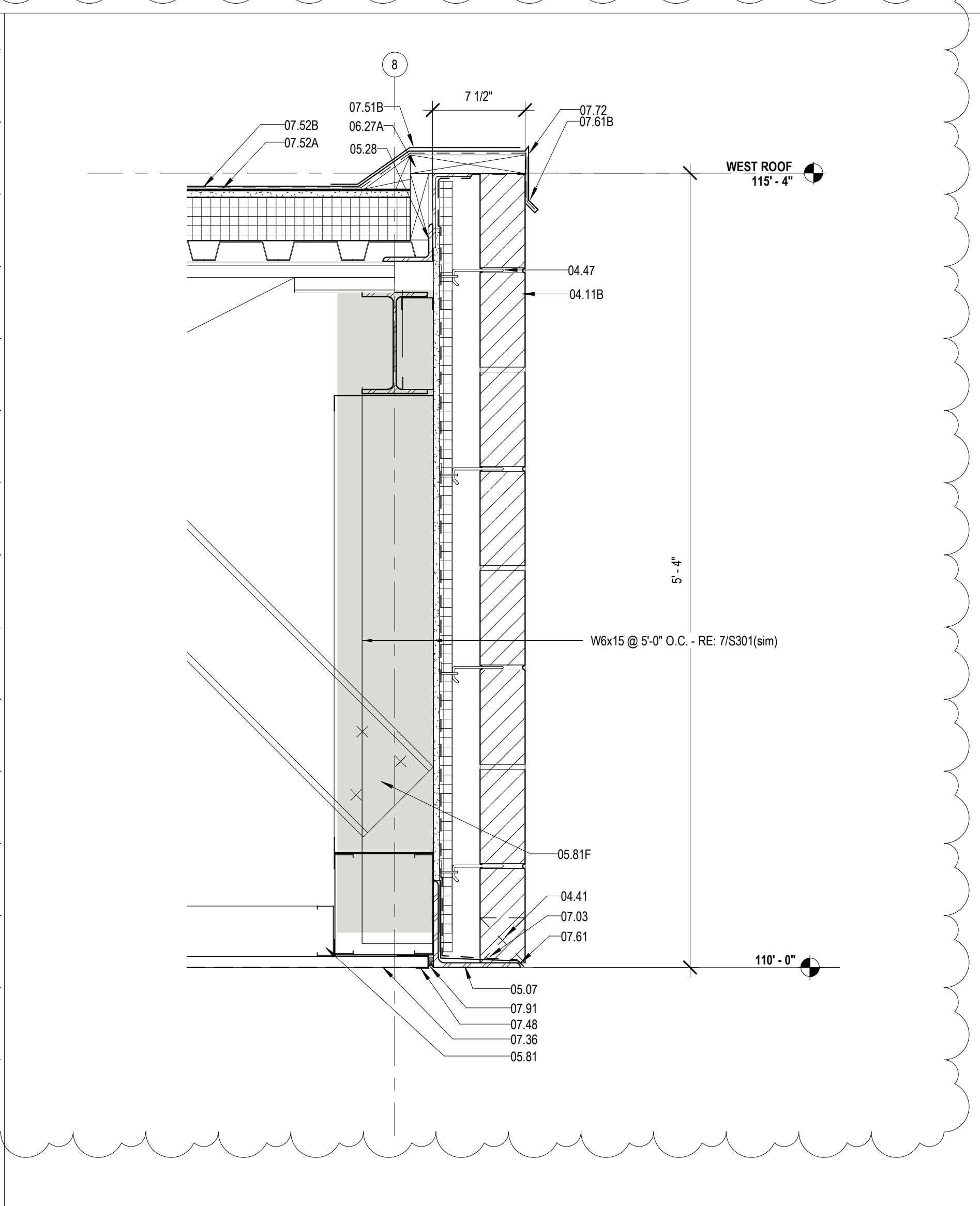
05 ROOF DETAIL @ EAST CLERESTORY
A423 1 1/2" = 1'-0"



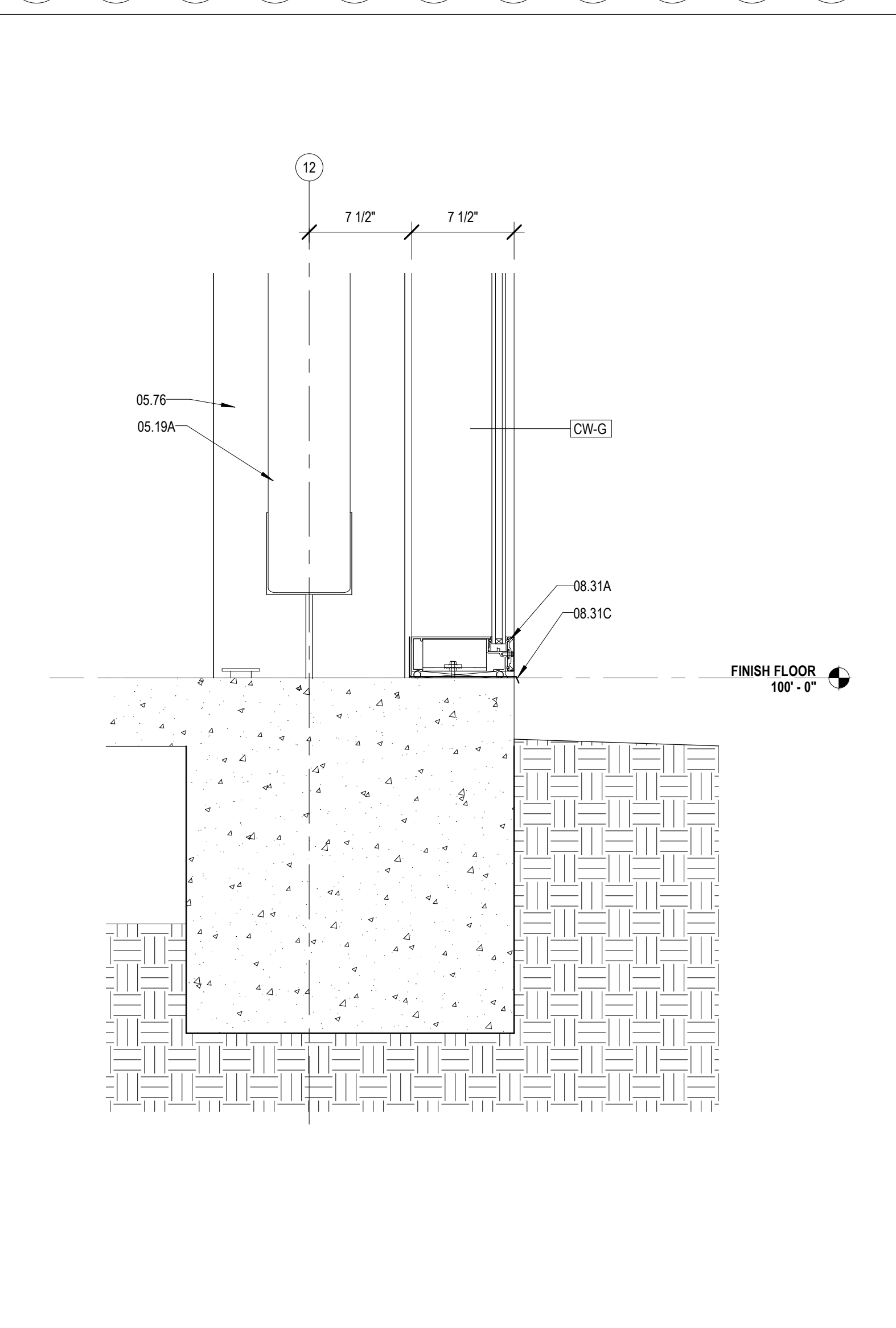
6 SOFFIT DETAIL @ NORTH CW
A423 1 1/2" = 1'-0"



1 MEETING ROOM WALL & BUILDING SIGN DETAIL
A423 1 1/2" = 1'-0"



2 DETAIL @ LOW WEST ROOF
A423 1 1/2" = 1'-0"



3 SILL DETAIL @ NORTH CW
A423 1 1/2" = 1'-0"

VAPOR/AIR BARRIER ENVELOPE REQUIREMENTS:

- LIQUID APPLIED VAPOR/AIR MEMBRANE SHALL BE APPLIED TO WOOD AND SHEATHING SURFACES, ETC IN ALL EXTERIOR WALL CAVITIES.
- ALL CRACKS, SEAMS, JOINTS, PENETRATIONS, AND OPENINGS IN EXTERIOR ENVELOPE SHALL BE PROPERLY FLASHED WITH COMPATIBLE SELF-ADHERED SHEET OR LIQUID-MESH MEMBRANE AS NECESSARY TO PROVIDE AN UNINTERRUPTED AIR/VAPOR BARRIER MEMBRANE ON ALL EXTERIOR WALL CAVITY SURFACES AND OPENINGS.
- ADJACENT SURFACES OF ALL CRACKS, SEAMS, JOINTS, PENETRATIONS, AND OPENINGS SHALL BE CLEANED AND PREPARED AS REQUIRED TO ACHIEVE PROPER ADHESION OF SELF-ADHERED SHEET AND/OR LIQUID-MESH MEMBRANES.
- SELF-ADHERED SHEET AND/OR LIQUID-MESH MEMBRANES SHALL BE A MINIMUM 20 MILS IN THICKNESS, SHALL BE ROLLED AT THE ENDS TO PREVENT "FISH MOUTHS", AND SEALED AT THE EDGES.
- METAL HEAD, JAMB AND SILL FLASHING AT EXTERIOR OPENINGS MUST BE INCORPORATED AND FULLY SEALED WITH THE EXTERIOR WALL VAPOR/AIR MEMBRANE AND THE WINDOW/DOOR FRAME. THIS PROVIDING A CONTINUOUS "VAPOR BARRIER" MEMBRANE BETWEEN WALL AND WINDOW/DOOR FRAME. THE METHOD OF CONSTRUCTING THIS SEAL BETWEEN THE WINDOW/DOOR FRAME DEPENDS ON THE FRAME ASSEMBLY - TYPICALLY A BEAD OF COMPATIBLE SEALANT AND/OR A PIECE OF MEMBRANE FLASHING IS USED TO ACHIEVE A VAPOR TIGHT INSTALLATION.
- ALL METAL WINDOW SILL FLASHING SHALL BE DAMED AT THE ENDS AND FULLY INCORPORATED INTO THE WALL VAPOR/AIR MEMBRANE. AS NECESSARY TO PROVIDE A CONTINUOUS "VAPOR BARRIER" MEMBRANE BETWEEN WALL AND WINDOW/DOOR FRAME, SEALANT BEAD SHALL BE LOCATED AS TO NOT DISRUPT THE DRAINAGE OF THE WINDOW SYSTEM AND ALLOW FOR AN UNINTERRUPTED PATH OF ESCAPE OF WATER FROM THE WALL CAVITIES.

MATERIALS KEYING/ GENERAL NOTES

| Key Value | Keynote Text |
|-----------|--|
| 04.11B | FACE BRICK - SOLDIER COURSES (04 20 00) |
| 04.41 | WEEP HOLE AT 32" ON CENTER |
| 04.47 | MASONRY ANCHORS (04 20 00) |
| 05.07 | STEEL LINTEL (GALVANIZED)- RE: STRUCTURAL (05 12 00) |
| 05.19A | STEEL TUBE - RE: STRUCTURAL |
| 05.28 | STEEL ANGLE (GALVANIZED) - RE: STRUCTURAL (05 12 00) |
| 05.73A | STEEL BENT PLATE (05 50 00) |
| 05.76 | ALUMINUM COLUMN COVER (18" THK) |
| 05.81 | COLD FORMED STEEL STUDS (05 40 00) |
| 05.81A | 2 1/2" STRUCTURAL STEEL STUDS AT 16" O.C. |
| 05.81F | 6" COLD FORMED STEEL KICKER AT 2' O.C. |
| 05.86 | COLD FORMED METAL ANGLE |
| 05.87 | CLIP ANGLE - CONNECT TO STRUCTURE |
| 06.26 | 1/2" PLYWOOD SHEATHING |
| 06.27A | TREATED WOOD BLOCKING |
| 07.03 | MEMBRANE WATERPROOFING (07 27 26) |
| 07.11 | RIGID ROOF INSULATION (5 1/2" THK) (07 51 00) |
| 07.11A | COVERBOARD (1/2" THK) (07 51 00) |
| 07.35 | PREFORMED METAL SOFFIT PANELS (07 41 00) |
| 07.36 | PREFORMED PERFORATED METAL SOFFIT PANELS |
| 07.39 | STANDING SEAM METAL ROOF (07 41 00) |
| 07.48 | J CLOSURE |
| 07.51B | STRIPPING (07 51 00) |
| 07.52A | BASE PLY (07 51 00) |
| 07.52B | MODIFIED BITUMEN MEMBRANE (07 51 00) |
| 07.57 | PARAPET TREATMENT (07 11 50) |
| 07.61 | METAL FLASHING |
| 07.61B | CONTINUOUS 26 GA. GALVANIZED METAL CLEAT (07 60 00) |
| 07.61D | METAL COUNTER FLASHING |
| 07.61E | METAL FLASHING RECEIVER |
| 07.62B | METAL DRIP CAP - CLIP TO WINDOW HEAD FLASHING |
| 07.72 | METAL ROOF EDGE (07 60 00) |
| 07.74A | CANT (TREATED WOOD) (07 60 00) |
| 07.75 | METAL FASCIA - PTD. (07 60 00) |
| 07.91 | BACKER ROD & SEALANT |
| 08.31 | ALUMINUM FRAME (08 40 00) |
| 08.31A | ALUMINUM SILL (08 40 00) |
| 08.31C | ALUMINUM SILL FLASHING - DAM AT ENDS (08 40 00) |
| 10.35 | METAL LETTERS (DESCRIBE) (10 42 50) |



| No. | Description | Date |
|-----|-------------|----------|
| 1 | Addendum 1 | 05/25/23 |

KEY PLAN

Mathes Brierre + MBM ARCHITECTS ARCHITECTS BEZLEYMOLIERE A JOINT VENTURE

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Voice: 504-586-9303 Fax: 504-582-1305

300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

PROJECT TITLE

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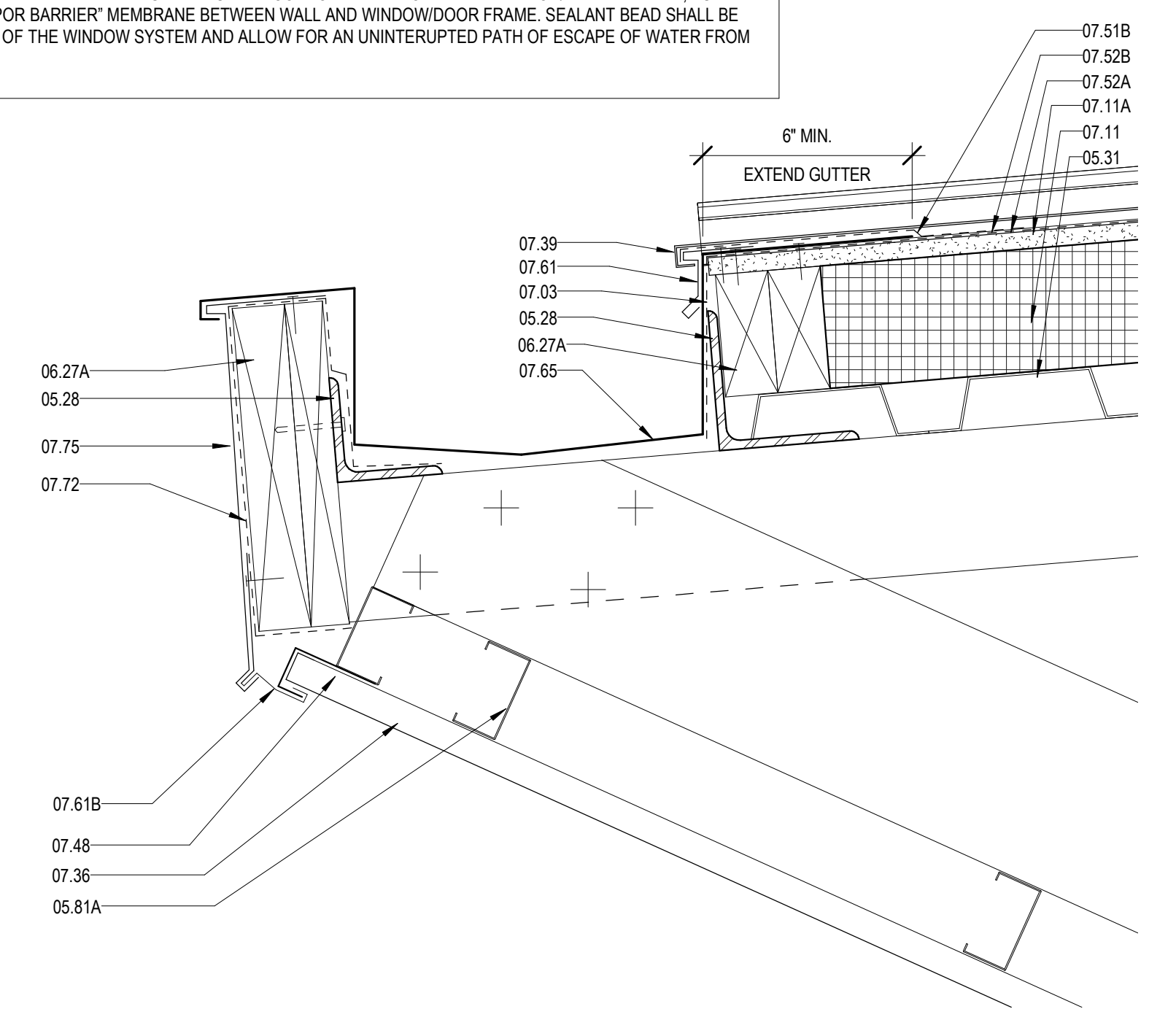
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PERMIT DOCUMENTS

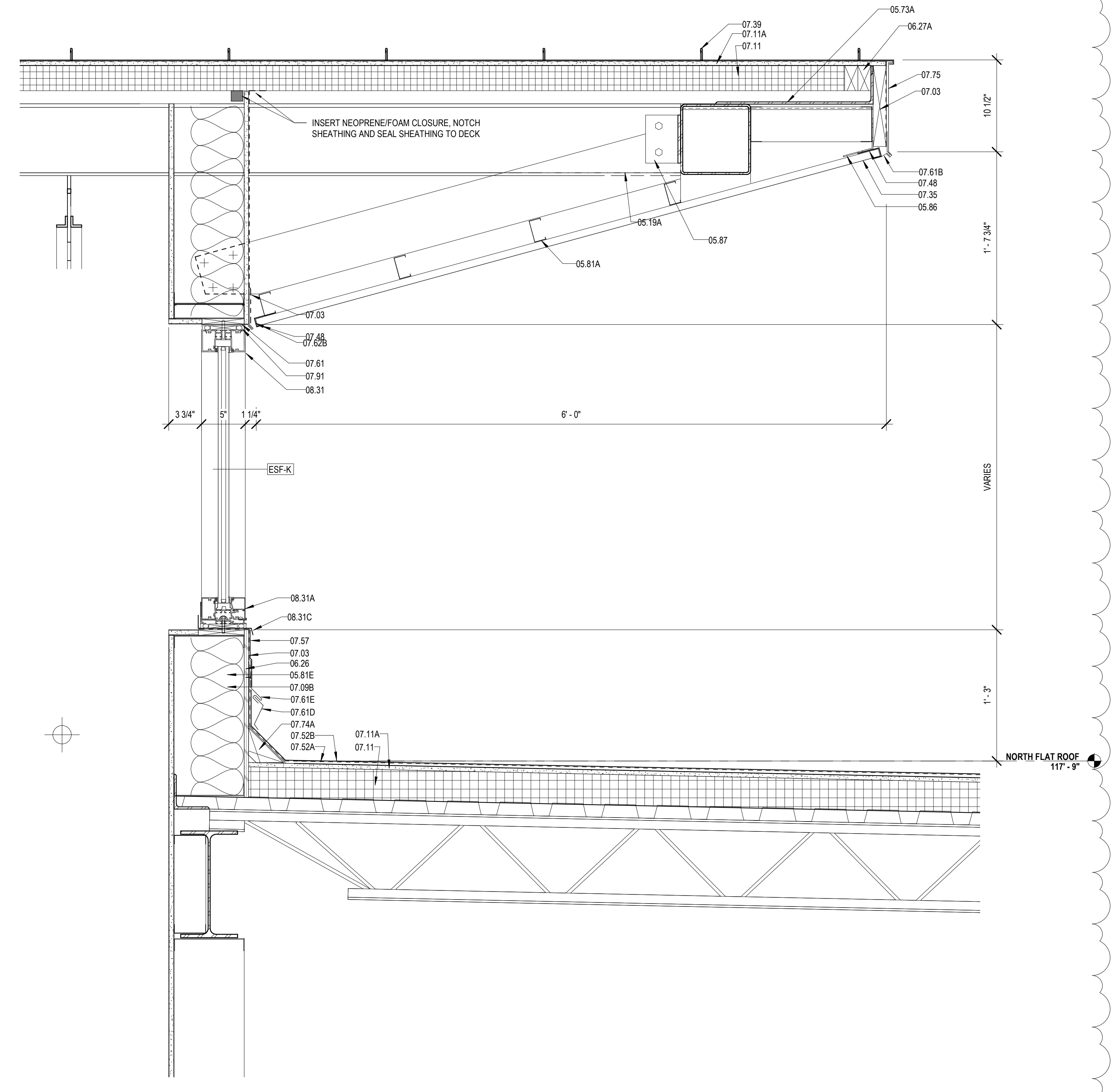
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| DESIGNED BY | MBA/ABM | CHECKED BY | AM/PP |
| DRAWN BY | MP/SC/ALB | DATE | 05.05.2023 |
| SHEET TITLE | | | |
| ENLARGED SECTION DETAILS | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | A423 |
| | ABM - 201813 | | |

VAPOR/RAIN BARRIER ENVELOPE REQUIREMENTS:

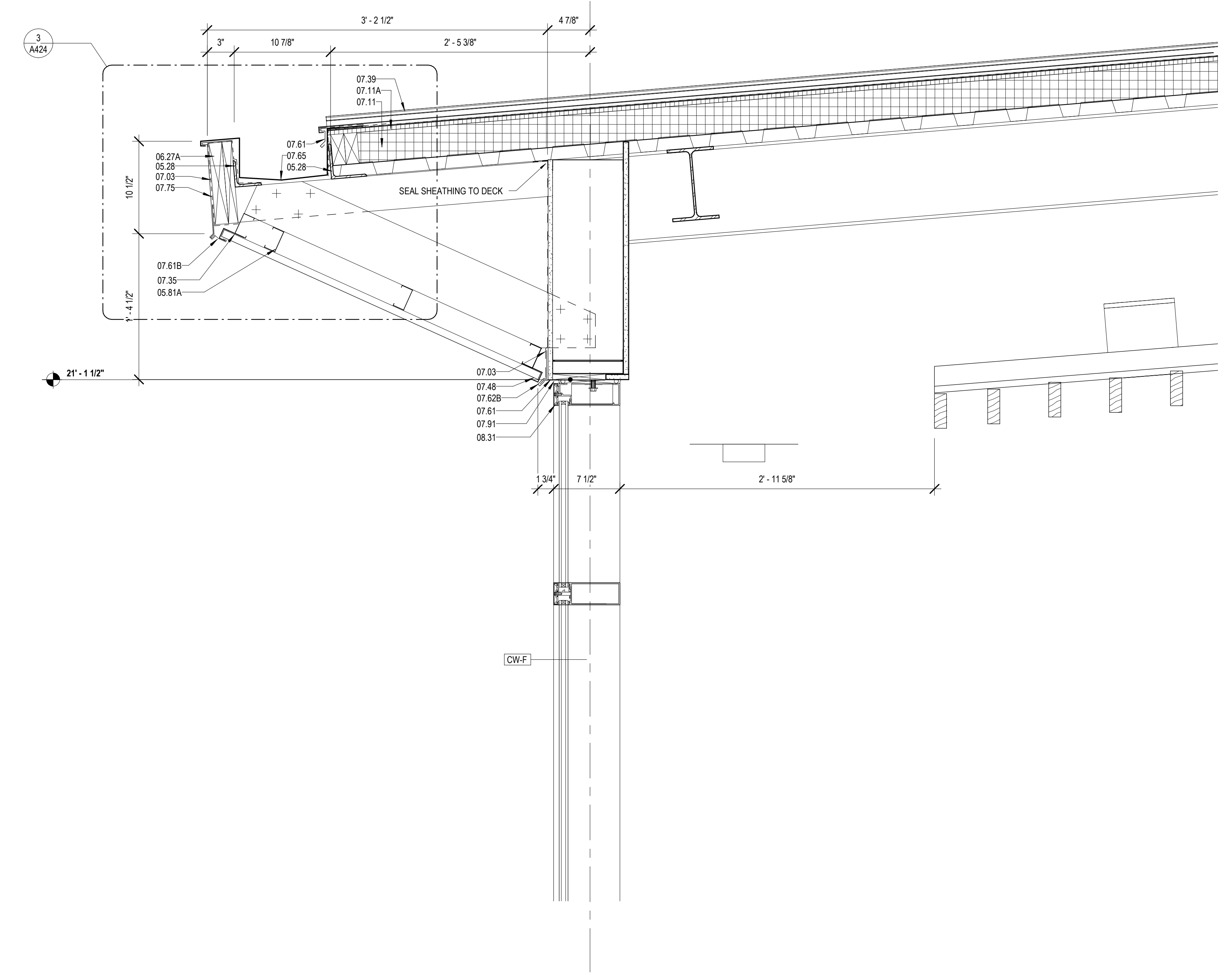
- LIQUID APPLIED VAPOR/RAIN MEMBRANE SHALL BE APPLIED TO WOOD AND SHEATHING SURFACES, ETC IN ALL EXTERIOR WALL CAVITIES, ALL CRACKS, SEAMS, JOINTS, PENETRATIONS, AND OPENINGS IN EXTERIOR ENVELOPE SHALL BE PROPERLY FLASHED WITH COMPATIBLE SELF ADHERED SHEET OR LIQUID MESH MEMBRANE AS NECESSARY TO PROVIDE AN UNINTERRUPTED AIR/VAPOR BARRIER MEMBRANE ON ALL EXTERIOR WALL CAVITY SURFACES AND OPENINGS.
- ADJACENT SURFACES OF ALL CRACKS, SEAMS, JOINTS, PENETRATIONS, AND OPENINGS SHALL BE CLEANED AND PREPARED AS REQUIRED TO ACHIEVE PROPER ADHESION OF SELF ADHERED SHEET AND/OR LIQUID MESH MEMBRANES.
- SELF ADHERED SHEET AND/OR LIQUID MESH MEMBRANES SHALL BE A MINIMUM 20 MILS IN THICKNESS, SHALL BE ROLLED AT THE ENDS TO PREVENT 'FISH MOUTHS', AND SEALED AT THE EDGES.
- METAL HEAD, JAMB AND SILL FLASHING AT EXTERIOR OPENINGS MUST BE INCORPORATED AND FULLY SEALED WITH THE EXTERIOR WALL VAPOR/RAIN MEMBRANE, AND THE WINDOW/DOOR FRAME, THIS PROVIDING A CONTINUOUS 'VAPOR BARRIER' MEMBRANE BETWEEN WALL AND WINDOW/DOOR FRAME. THE METHOD OF CONSTRUCTING THIS SEAL BETWEEN THE WINDOW/DOOR FRAME DEPENDS ON THE FRAME ASSEMBLY - TYPICALLY A BEAD OF COMPATIBLE SEALANT AND/OR A PIECE OF MEMBRANE FLASHING IS USED TO ACHIEVE A VAPOR TIGHT INSTALLATION.
- ALL METAL WINDOW SILL FLASHING SHALL BE DAMED AT THE ENDS AND FULLY INCORPORATED INTO THE WALL VAPOR/RAIN MEMBRANE AS NECESSARY TO PROVIDE A CONTINUOUS 'VAPOR BARRIER' MEMBRANE BETWEEN WALL AND WINDOW/DOOR FRAME. SEALANT BEAD SHALL BE LOCATED AS TO NOT DISRUPT THE DRAINAGE OF THE WINDOW SYSTEM AND ALLOW FOR AN UNINTERRUPTED PATH OF ESCAPE OF WATER FROM THE WALL CAVITIES.



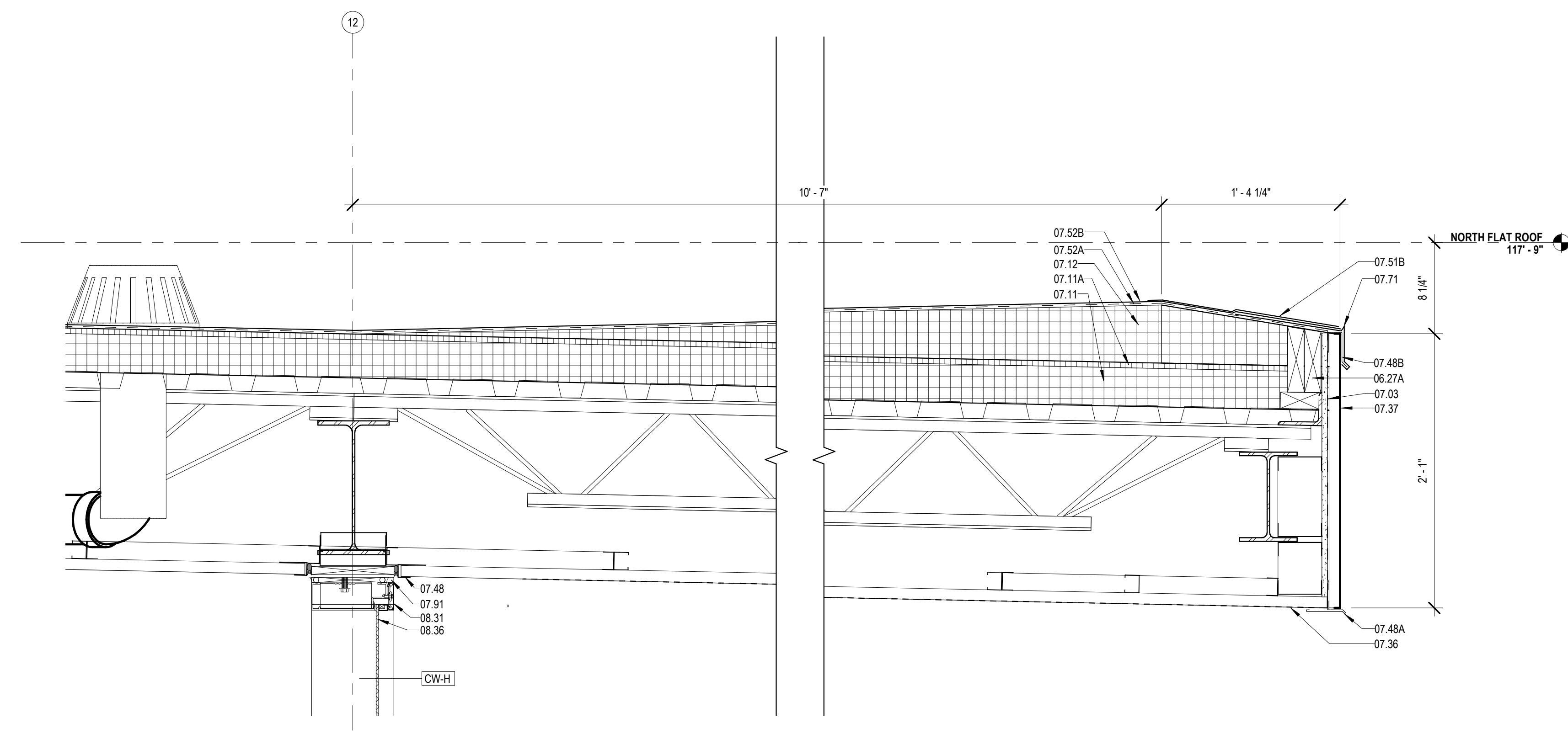
3 INTERNAL GUTTER DETAIL
A424



1 ROOF DETAIL @ QUIET READING
A424 1 1/2" = 1'-0"



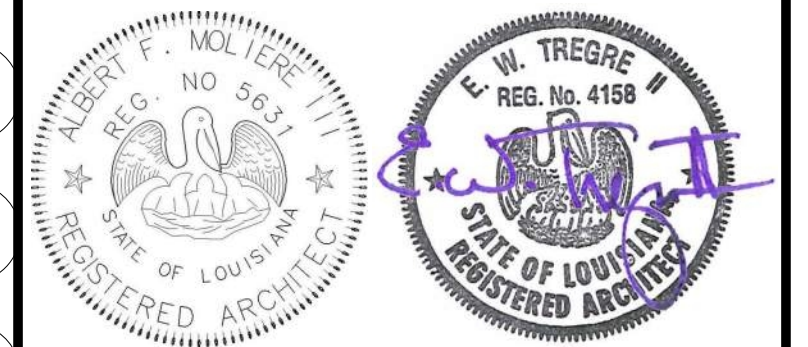
4 ROOF DETAIL @ MULTIPURPOSE
A424 1 1/2" = 1'-0"



2 ROOF DETAIL @ COVERED PORCH
A424 1 1/2" = 1'-0"

MATERIALS KEYING/ GENERAL NOTES

| Key Value | Keynote Text |
|-----------|--|
| 05.19A | STEEL TUBE - RE: STRUCTURAL |
| 05.28 | STEEL ANGLE (GALVANIZED) - RE: STRUCTURAL (05.12.00) |
| 05.31 | METAL DECKING - RE: STRUCTURAL (05.30.00) |
| 05.73A | STEEL BENT PLATE (05.50.00) |
| 05.81A | 2 1/2\" STRUCTURAL STEEL STUDS AT 16\" O.C. |
| 05.81E | 8\" STRUCTURAL STEEL STUDS AT 16\" O.C. |
| 05.86 | COLD FORMED METAL ANGLE |
| 05.97 | CLIP ANGLE - CONNECT TO STRUCTURE |
| 06.26 | 1/2\" PLYWOOD SHEATHING |
| 06.27A | TREATED WOOD BLOCKING |
| 07.03 | MEMBRANE WATERPROOFING (07.27.26) |
| 07.09B | R-19 BATT INSULATION (6\" THK) (07.21.00) |
| 07.11 | RIGID ROOF INSULATION (1/2\" THK) (07.51.00) |
| 07.11A | COVERBOARD (1/2\" THK) (07.51.00) |
| 07.12 | TAPERED ROOF INSULATION (07.51.00) |
| 07.35 | PREFORMED METAL SOFFIT PANELS (07.41.00) |
| 07.36 | PREFORMED PERFORATED METAL SOFFIT PANELS |
| 07.37 | PREFORMED METAL SIDING (07.41.00) |
| 07.39 | STANDING SEAM METAL ROOF (07.41.00) |
| 07.48 | J CLOSURE |
| 07.48A | ALUMINUM EAVE TO SOFFIT TRANSITION TRIM |
| 07.48B | ALUMINUM J TRIM - CLIP GRAVEL STOP TO TRIM |
| 07.51B | STRIPPING (07.51.00) |
| 07.52A | BASE PLY (07.51.00) |
| 07.52B | MODIFIED BITUMEN MEMBRANE (07.51.00) |
| 07.57 | PARAPET TREATMENT (07.11.50) |
| 07.61 | METAL FLASHING |
| 07.61B | CONTINUOUS 26 GA. GALVANIZED METAL CLEAT (07.60.00) |
| 07.61D | METAL COUNTER FLASHING |
| 07.61E | METAL FLASHING RECEIVER |
| 07.62B | METAL DRIP CAP - CLIP TO WINDOW HEAD FLASHING |
| 07.65 | METAL GUTTER (07.60.00) |
| 07.71 | GRAVEL STOP (07.60.00) |
| 07.72 | METAL ROOF EDGE (07.60.00) |
| 07.74A | CANT (TREATED WOOD) (07.60.00) |
| 07.75 | METAL FASCIA - PTD. (07.60.00) |
| 07.91 | BACKER ROD & SEALANT |
| 08.31 | ALUMINUM FRAME (08.40.00) |
| 08.31A | ALUMINUM SILL (08.40.00) |
| 08.31C | ALUMINUM SILL FLASHING - DAM AT ENDS (08.40.00) |
| 08.36 | INSECT SCREEN INFILL PANEL |



| No. | Description | Date |
|-----|-------------|----------|
| 1 | Addendum 1 | 05/25/23 |

KEY PLAN

Mathes Brierre + /BM
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
Voice: 504.586.9303 Fax: 504.582.1305

300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

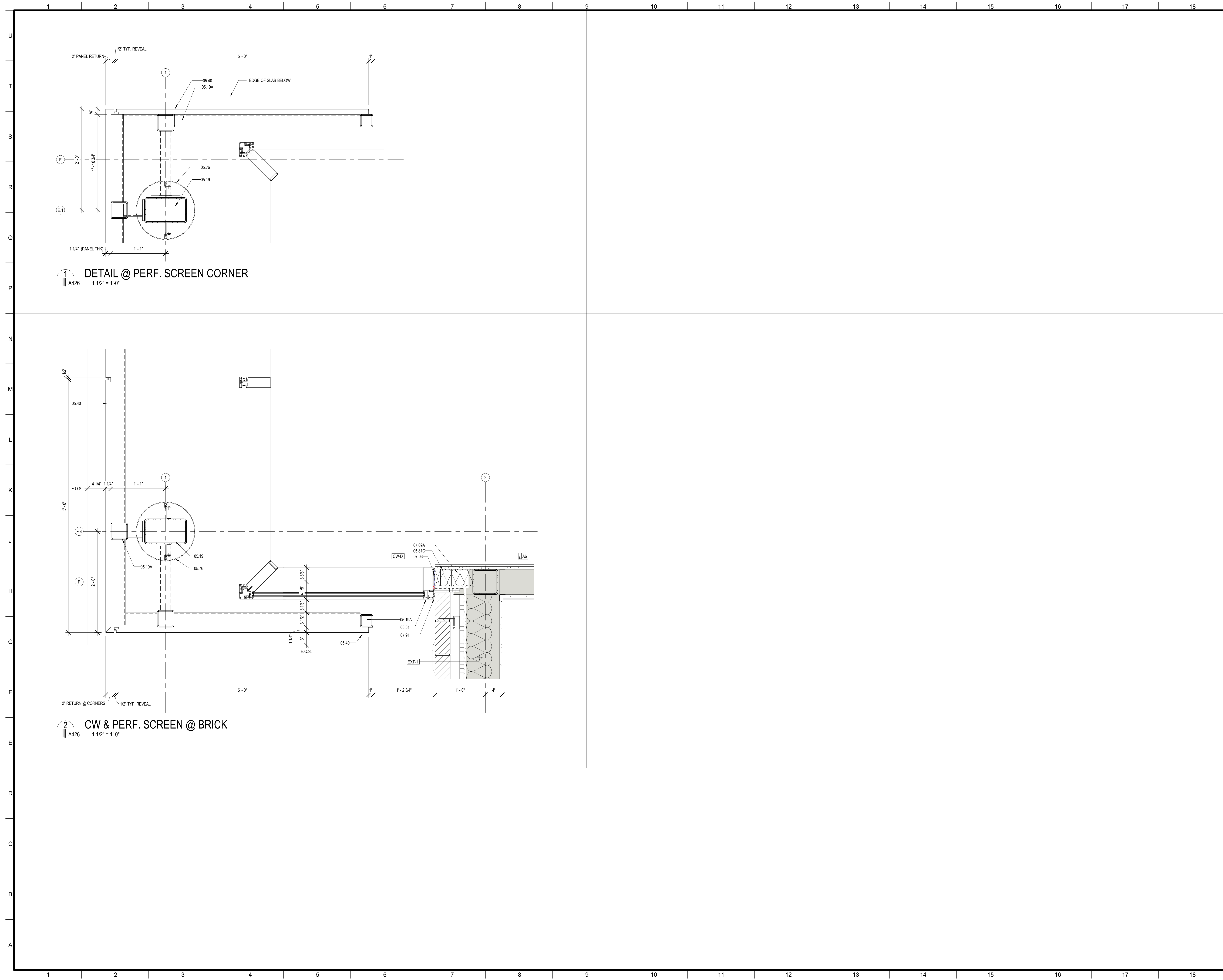
PROJECT TITLE

ST. BERNARD PARISH PUBLIC LIBRARY

ST. BERNARD PARISH

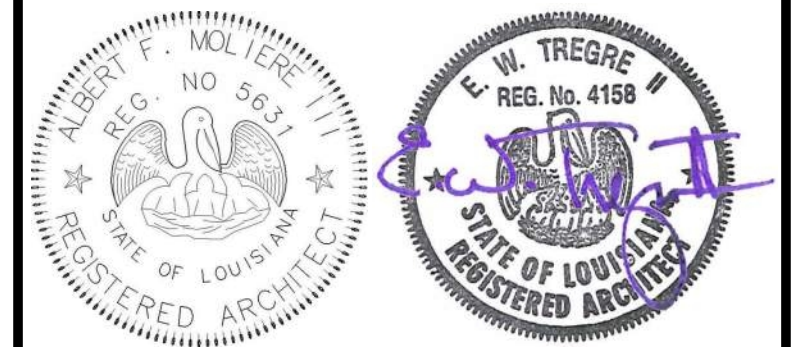
PERMIT DOCUMENTS

| | | | |
|-------------|--------------------------|------------|------------|
| DESIGNED BY | MBA/ABM | CHECKED BY | AM/PP |
| DRAWN BY | MP/SC/ALB | DATE | 05.05.2023 |
| SHEET TITLE | ENLARGED SECTION DETAILS | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | A424 |
| | ABM - 201813 | | |



MATERIALS KEYING/ GENERAL NOTES

| Keynote Legend | |
|----------------|--|
| Key Value | Keynote Text |
| 05.19 | TUBULAR STEEL COLUMN - RE. STRUCTURAL |
| 05.19A | STEEL TUBE - RE. STRUCTURAL |
| 05.40 | PERFORATED STEEL SCREEN (05.70.00) |
| 05.76 | ALUMINUM COLUMN COVER (1/8" THK) |
| 05.81C | 4" STRUCTURAL STEEL STUDS AT 16" O.C. |
| 07.03 | MEMBRANE WATERPROOFING (07.27.26) |
| 07.09A | R-11 BATT INSULATION (3 1/2" THK) (07.21.00) |
| 07.91 | BACKER ROD & SEALANT |
| 08.31 | ALUMINUM FRAME (08.40.00) |



| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |
| | | |

KEY PLAN

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 ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
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 New Orleans, Louisiana 70170-4100
 Voice: 504.586.9303 Fax: 504.582.1305

300 Heymann Blvd.
 Lafayette, Louisiana 70503
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PROJECT TITLE

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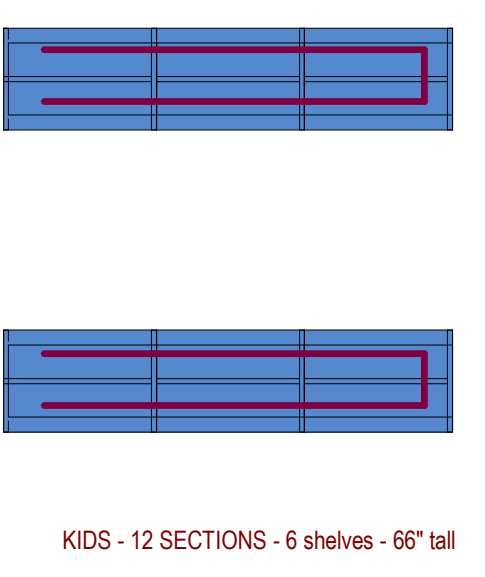
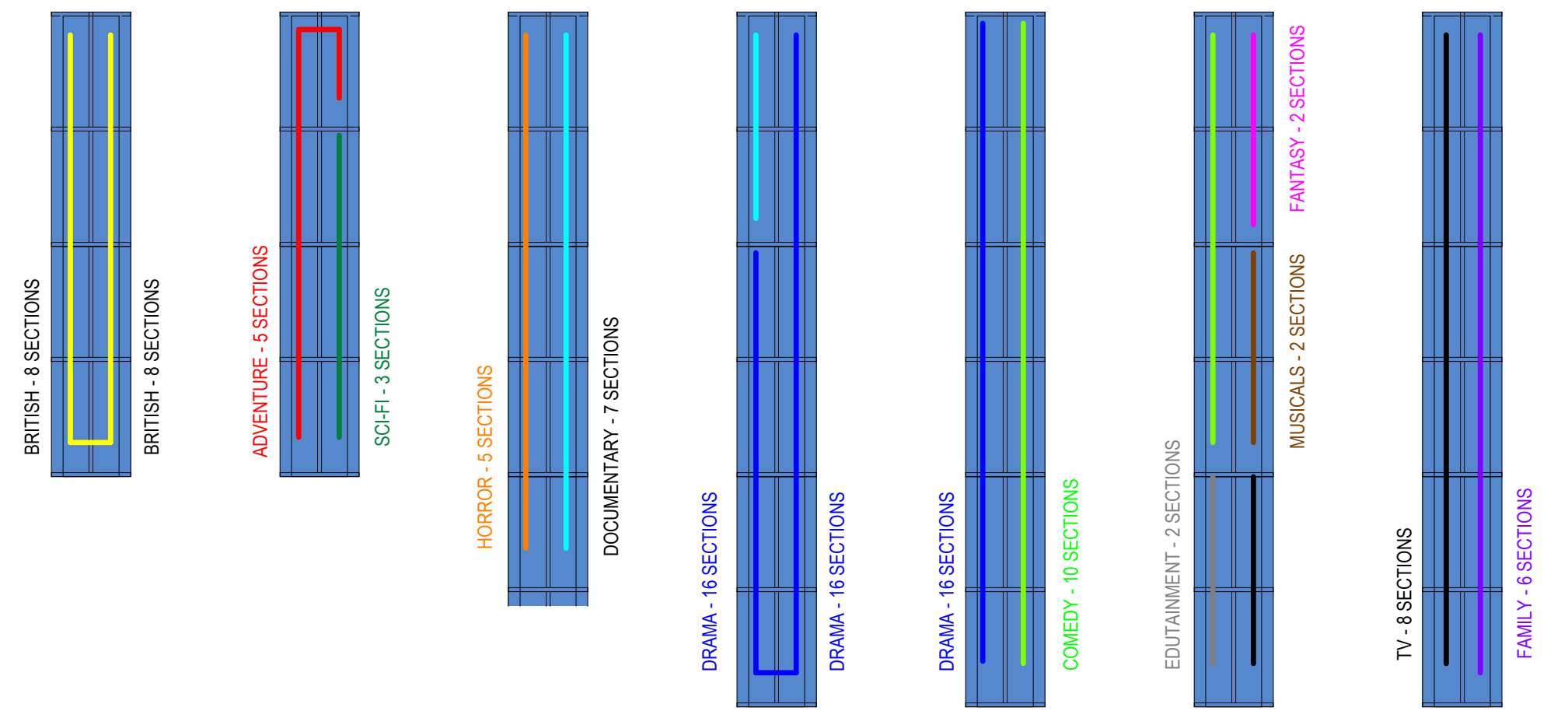
PERMIT DOCUMENTS

| | | | |
|-------------|-----------|------------|------------|
| DESIGNED BY | MBA/ABM | CHECKED BY | AM/PP |
| DRAWN BY | MP/SC/ALB | DATE | 05.05.2023 |

SHEET TITLE

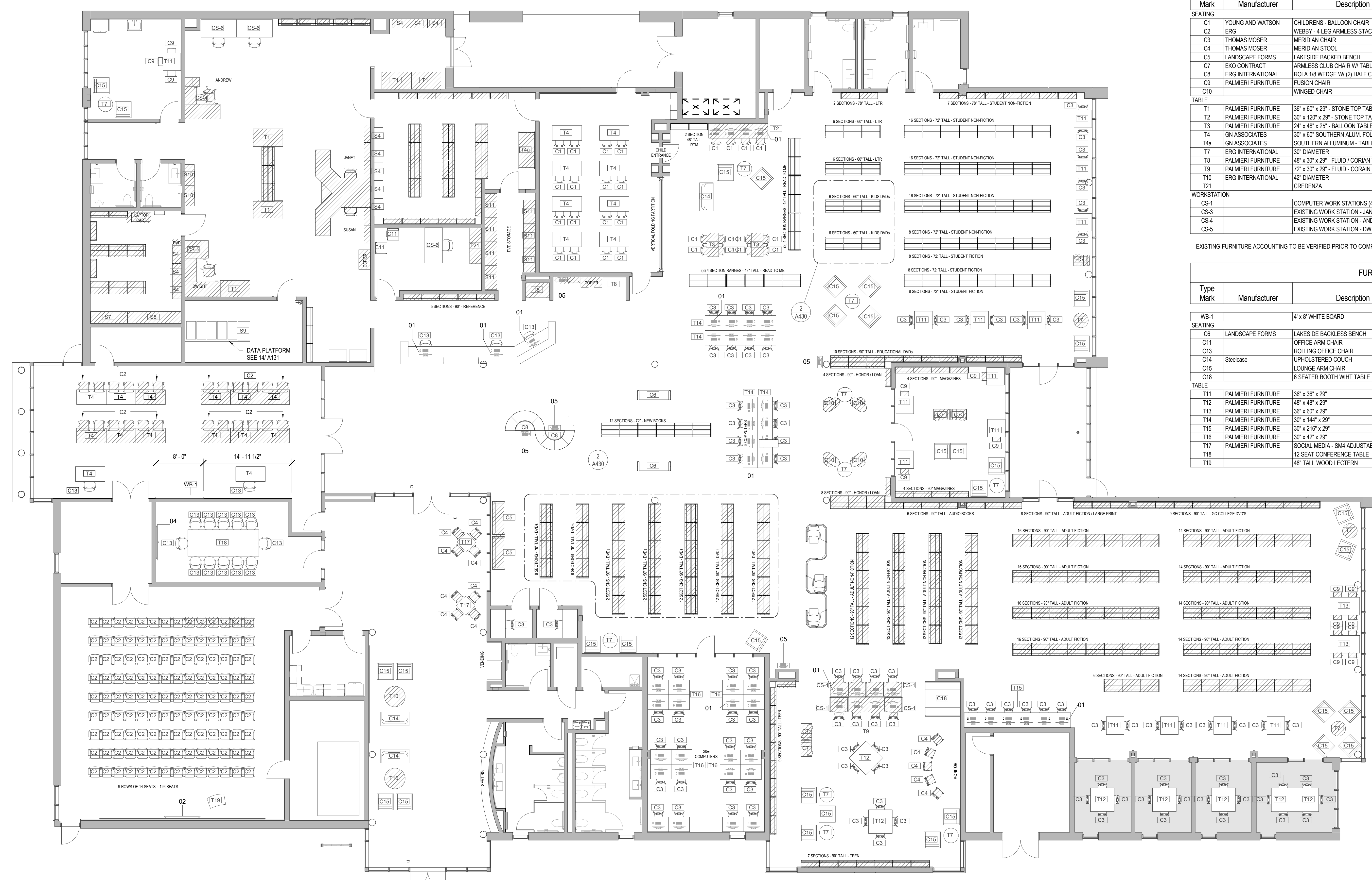
EXTERIOR PLAN DETAILS

| | | | |
|-------------|--------------|-----------|------|
| PROJECT NO. | MBA - 11884 | SHEET NO. | A426 |
| | ABM - 201813 | | |



2 DVD GENRE BREAK DOWN
 A430

Item No. 7 - Drawing Sheet 430 ADD 3
 A All furniture shown on sheet A430 is Not In Contract (NIC) and provided by the Owner.

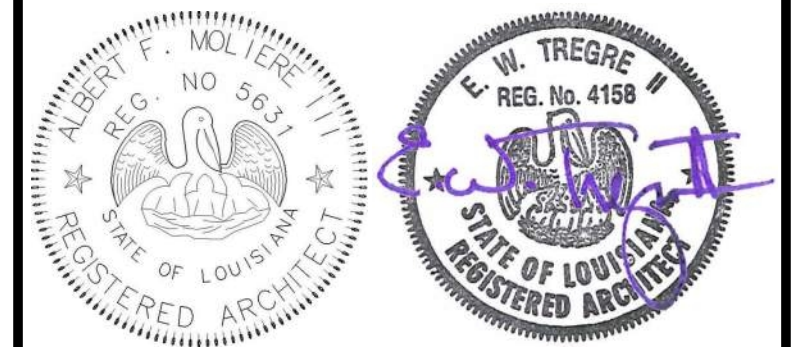


| FURNITURE SCHEDULE (EXISTING) | | | | | | |
|-------------------------------|--------------------|---------------------------------------|----------|--------------|----------------|----------------------------------|
| Type Mark | Manufacturer | Description | Type | Design Count | Existing Count | Current Location |
| SEATING | | | | | | |
| C1 | YOUNG AND WATSON | CHILDRENS - BALLOON CHAIR | EXISTING | 56 | 14 | 12 @ Palmsano & 2 @ Courthouse |
| C2 | ERG | WEBBY - 4 LEG ARMLESS STACKER | EXISTING | 340 | 30 | @ Palmsano - Pumpkin / Navy Blue |
| C3 | THOMAS MOSER | MERIDIAN CHAIR | EXISTING | 190 | 24 | @ Palmsano |
| C4 | THOMAS MOSER | MERIDIAN STOOL | EXISTING | 26 | 29 | @ Palmsano |
| C5 | LANDSCAPE FORMS | LAKESIDE BACKED BENCH | EXISTING | 4 | 2 | @ Palmsano |
| C7 | EKO CONTRACT | ARMLESS CLUB CHAIR W/ TABLE | EXISTING | 10 | 5 | @ Palmsano |
| C8 | ERG INTERNATIONAL | ROLA 1/8 WEDGE W/ (2) HALF COLUMNS | EXISTING | 20 | 10 | @ Palmsano |
| C9 | PALMIERI FURNITURE | FUSION CHAIR | EXISTING | 30 | 16 | @ Courthouse |
| C10 | PALMIERI FURNITURE | WINGED CHAIR | EXISTING | 10 | @ Palmsano | |
| TABLE | | | | | | |
| T1 | PALMIERI FURNITURE | 36" x 60" x 29" - STONE TOP TABLE | EXISTING | 10 | 3 | @ Palmsano |
| T2 | PALMIERI FURNITURE | 30" x 120" x 29" - STONE TOP TABLE | EXISTING | 2 | 1 | @ Palmsano |
| T3 | PALMIERI FURNITURE | 24" x 48" x 25" - BALLOON TABLE | EXISTING | 4 | 2 | @ Palmsano |
| T4 | GN ASSOCIATES | 30" x 60" SOUTHERN ALUM FOLDING TABLE | EXISTING | 64 | 10 | @ Palmsano |
| T4a | GN ASSOCIATES | SOUTHERN ALUMINUM - TABLE TRUCK RACK | EXISTING | 1 | @ Palmsano | |
| T7 | ERG INTERNATIONAL | 30" DIAMETER | EXISTING | 27 | 4 | @ Palmsano |
| T8 | PALMIERI FURNITURE | 48" x 30" x 29" - FLUID / CORIAN TOP | EXISTING | 4 | 1 | @ Courthouse |
| T9 | PALMIERI FURNITURE | 72" x 30" x 29" - FLUID - CORIAN TOP | EXISTING | 2 | 1 | @ Courthouse |
| T10 | ERG INTERNATIONAL | 42" DIAMETER | EXISTING | 4 | 3 | @ Courthouse |
| T1 | PALMIERI FURNITURE | CREDENZA | EXISTING | 2 | 1 | @ Palmsano |
| WORKSTATION | | | | | | |
| CS-1 | | COMPUTER WORK STATIONS (4) | EXISTING | 12 | 6 | @ Palmsano |
| CS-3 | | EXISTING WORK STATION - JANET & SUSAN | EXISTING | 2 | 1 | @ Palmsano |
| CS-4 | | EXISTING WORK STATION - ANDREW | EXISTING | 2 | 1 | @ Palmsano |
| CS-5 | | EXISTING WORK STATION - DWIGHT | EXISTING | 2 | 1 | @ Palmsano |

| FURNITURE SCHEDULE (NEW) | | | | | | |
|--------------------------|--------------------|-------------------------------------|------|--------------|----------------|------------------|
| Type Mark | Manufacturer | Description | Type | Design Count | Existing Count | Current Location |
| WB-1 | | 4' x 8' WHITE BOARD | NEW | 1 | | |
| SEATING | | | | | | |
| C6 | LANDSCAPE FORMS | LAKESIDE BACKLESS BENCH | NEW | 4 | | |
| C11 | | OFFICE ARM CHAIR | NEW | 4 | | |
| C13 | | ROLLING OFFICE CHAIR | NEW | 42 | | |
| C14 | Steelcase | UPHOLSTERED COUCH | NEW | 6 | | |
| C15 | | LOUNGE ARM CHAIR | NEW | 64 | | |
| C18 | | 6 SEATER BOOTH WHIT TABLE | NEW | 2 | | |
| TABLE | | | | | | |
| T11 | PALMIERI FURNITURE | 36" x 36" x 29" | NEW | 30 | | |
| T12 | PALMIERI FURNITURE | 48" x 48" x 29" | NEW | 12 | | |
| T13 | PALMIERI FURNITURE | 36" x 60" x 29" | NEW | 4 | | |
| T14 | PALMIERI FURNITURE | 30" x 144" x 29" | NEW | 8 | | |
| T15 | PALMIERI FURNITURE | 30" x 216" x 29" | NEW | 2 | | |
| T16 | PALMIERI FURNITURE | 30" x 42" x 29" | NEW | 40 | | |
| T17 | PALMIERI FURNITURE | SOCIAL MEDIA - 5MM ADJUSTABLE TABLE | NEW | 4 | | |
| T18 | PALMIERI FURNITURE | 12 SEAT CONFERENCE TABLE | NEW | 2 | | |
| T19 | | 48" TALL WOOD LECTERN | NEW | 2 | | |

| EQUIPMENT SCHEDULE | |
|--------------------|--------------------------------|
| Type Mark | Description |
| 01 | EXISTING COMPUTER & MONITOR |
| 02 | NEW 70" TV MONITOR |
| 03 | EXISTING NEC SIGNAGE TV |
| 04 | EXISTING PROMETHAN VIDEO BOARD |
| 05 | EXISTING PAC STATION |

DIAGONAL HATCH DEPICTS EXISTING FURNITURE PROVIDED BY THE OWNER



| No. | Description | Date |
|-----|-------------|------|
| | | |

KEY PLAN

Mathes Brierre + /BM
 ARCHITECTS + ARCHITECTS/BEAZLEYMOLIERE
 A JOINT VENTURE
 201 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
 Voice: 504-586-9300 Fax: 504-582-1305
 300 Heymann Blvd.
 Lafayette, Louisiana 70503
 337.233.0614

PROJECT TITLE

ST. BERNARD PARISH PUBLIC LIBRARY

ST. BERNARD PARISH

PERMIT DOCUMENTS

| | | | |
|----------------------------|--------------|------------|------------|
| DESIGNED BY | MBA/ABM | CHECKED BY | AM/PP |
| DRAWN BY | CF/RZ | DATE | 05.05.2023 |
| SHEET TITLE | | | |
| FURNITURE & SHELVING PLANS | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | A430 |
| | ABM - 201813 | | |

FOR INFORMATIONAL PURPOSES ONLY. FINAL FURNITURE LAYOUT TO BE VERIFIED AND CONFIRMED WITH LIBRARY STAFF

1 FURNITURE / SHELVING PLAN
 A430 1/8" = 1'-0"

FINISH SCHEDULE

| ROOM NUMBER | ROOM NAME | FLOOR | BASE | CEILING | WALLS | | | | |
|-------------|---------------------------------------|--|------------|--|---------------------|---|---------------------------------------|---|------------------------|
| | | | | | PLAN N (NOT TRUE N) | PLAN S (NOT TRUE S) | PLAN E (NOT TRUE E) | PLAN W (NOT TRUE W) | MILLWORK |
| 101 | LOBBY | TL-1 | RB-1 | EXPOSED PTD. PT-7, BF-4 | PT-1, RB-1 | PT-1, RB-1 | PT-1, PT-3 REF ELEVATION 2/A344, RB-1 | PT-1, PT-2, REFER TO ELEVATION 1/A344, RB-1 | - |
| 102 | CORRIDOR 1 | TL-1 | RB-1 | C-2 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 103 | FAMILY RR | TL-2 | CV-1 | C-3 | TL-3, PT-6 | TL-3, PT-6 | TL-3, PT-6 | TL-3, PT-6 | QZ-1, PL-2 |
| 104 | MENS | TL-2 | TB-1/ CV-1 | C-3 | TL-3, PT-1, TB-1 | TL-3, PT-1, TB-1 | TL-3, PT-1, TB-1 | TL-3, PT-1, TL-4, TB-1 | QZ-1, PL-2 |
| 105 | HVAC 1A | SC-1 | RB-1 | EXPOSED PTD. PT-7 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 106 | JAN | SC-1 | RB-1 | C-3 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 107 | WOMENS | TL-2 | TB-1/ CV-1 | C-3 | TL-3, PT-1, TB-1 | TL-3, PT-1, TB-1 | TL-3, PT-1, TB-1 | TL-3, PT-1, TB-1 | QZ-1, PL-2 |
| 108 | KITCHENETTE | TL-1 | RB-1 | C-3 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | QZ-1, PL-1 |
| 109 | MEETING ROOM | CPT-1, CPT-2, CPT-3, CPT-4, CPT-5, CPT-6 | RB-1, RB-3 | C-2, C-4 PTD PT-1 | PT-1, RB-1 | WC-1, WP-1, RB-3 | PT-1, RB-1 | PT-1, RB-1 | - |
| 110 | HVAC 1 | SC-1 | RB-1 | EXPOSED PTD. PT-7 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 111 | MEETINGS STORAGE | LVT-1 | RB-1 | C-3 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 112 | BOARD/CONFERENCE ROOM | CPT-1, CPT-4, CPT-5, CPT-6 | RB-1 | C-2 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 113 | MULTI PURPOSE ROOM | CPT-1, CPT-2, CPT-3, CPT-6 | RB-1 | BF-1, BF-5, EXPOSED PTD. PT-7 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 114 | AV & ELEC. CLOSET | SC-1 | RB-1 | C-3 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 115 | EXHIBIT, NEW BOOKS, ADULT AV, SEATING | TL-1, CPT-1, CPT-2, CPT-3, CPT-4, CPT-5, CPT-6 | RB-1, RB-2 | BF-5, C-4 (PTD. PT-1), EXPOSED (PTD. PT-7) | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | WP-1, QZ-1, PL-1, RB-2 |
| 116 | STAFF WORKROOM | CPT-1, CPT-2, CPT-3, CPT-4, CPT-5, CPT-6 | RB-1 | C-3 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 117 | DATA | SC-1 | RB-1 | C-3 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 118 | SUPPORT STORAGE | LVT-1 | RB-1 | C-3 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 119 | STAFF RR 2 | TL-2 | CV-1 | C-3 | TL-3, PT-6 | TL-3, PT-6 | TL-3, PT-6 | TL-3, PT-6 | QZ-1, PL-2 |
| 120 | STAFF RR 1 | TL-2 | CV-1 | C-3 | TL-3, PT-6 | TL-3, PT-6 | TL-3, PT-6 | TL-3, PT-6 | QZ-1, PL-2 |
| 121 | STAFF LOUNGE | LVT-1 | RB-1 | C-3 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | QZ-1, PL-1 |
| 122 | CHILD PROG. STORAGE | LVT-1 | RB-1 | C-3 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 123 | DIRECTOR | CPT-6 | RB-1 | C-3 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 124 | DVD FILES | CPT-6 | RB-1 | C-3 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 125 | CHILDRENS AREA | CPT-1, CPT-2, CPT-3, CPT-6 | RB-1 | BF-2, BF-7, C-4, EXPOSED (PTD. PT-7) | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 126 | CHILDRENS PROGRAM | LVT-2, LVT-3, LVT-4, LVT-5 | RB-1 | C-2, C-4 (PTD PT-1), BF-6 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | QZ-1, PL-1 |
| 127 | HVAC 3 | SC-1 | RB-1 | EXPOSED (PTD. PT-7) | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 128 | ELECTRICAL | SC-1 | RB-1 | EXPOSED (PTD. PT-7) | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 129 | FAMILY RR | TL-2 | CV-1 | C-3 | TL-3, PT-6 | TL-3, PT-6 | TL-3, PT-6 | TL-3, PT-6 | QZ-1, PL-2 |
| 130 | FAMILY RR | TL-2 | CV-1 | C-3 | TL-3, PT-6 | TL-3, PT-6 | TL-3, PT-6 | TL-3, PT-6 | QZ-1, PL-2 |
| 131 | LACTATION | LVT-1 | RB-1 | C-3 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | QZ-1, PL-2 |
| 132 | QUIET READING / SPECIAL COLLECTIONS | CPT-1, CPT-4, CPT-5, CPT-6 | RB-1 | C-2, C-4 (PTD PT-1) | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 133 | COLLECTION & SEATING | CPT-1, CPT-4, CPT-5, CPT-6 | RB-1 | BF-6, BF-7, C-2, EXPOSED PTD. PT-7 | PT-1, RB-1 | PT-1, PT-4, REFER TO ELEVATION 3/A344, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 134 | GROUP STUDY / SOUND ROOM | CPT-1, CPT-4, CPT-5, CPT-6 | RB-1 | C-2 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 135 | STUDY 5 | CPT-1, CPT-4, CPT-5, CPT-6 | RB-1 | C-2 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 136 | STUDY 4 | CPT-1, CPT-4, CPT-5, CPT-6 | RB-1 | C-2 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 137 | STUDY 3 | CPT-1, CPT-4, CPT-5, CPT-6 | RB-1 | C-2 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 138 | HVAC 2 | SC-1 | RB-1 | EXPOSED PTD. PT-7 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 139 | ELEC CLOSET | SC-1 | RB-1 | EXPOSED PTD. PT-7 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 140 | TEEN AREA | CPT-1, CPT-4, CPT-5, CPT-6 | RB-1 | C-2, BF-3, C-4 (PTD PT-4) | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 141 | COMPUTER LAB | CPT-1, CPT-4, CPT-5, CPT-6 | RB-1 | C-2 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 142 | STUDY 2 | CPT-6 | RB-1 | C-3 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PL-1 |
| 143 | STUDY 1 | CPT-6 | RB-1 | C-3 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PL-1 |
| 144 | DVD STACKS | CPT-1, CPT-4, CPT-5, CPT-6 | RB-1 | BF-3, EXPOSED PTD. PT-7 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | PT-1, RB-1 | - |
| 145 | COVERED PORCH | | | | | | | | |

FINISH GENERAL NOTES

REFER TO FINISH SCHEDULE FOR PAINT LOCATIONS.

ALL WALLS TO BE PAINTED PT-1 UNLESS NOTED OTHERWISE.

ALL EXPOSED STRUCTURE TO BE PAINTED PT-7.

REFER TO INTERIOR DETAIL SHEETS FOR TRANSITION DETAILS.

FINISH LEGEND - BASIS OF DESIGN

| FINISH LEGEND - CATEGORY | KEY NAME | DESCRIPTION | MANUFACTURER | NAME | COLOR/FINISH/SIZE | COMMENTS | MOUNTING HEIGHT A.F.F. |
|--------------------------|----------|---|------------------|----------------------|---|---|--|
| CEILING | BF-1 | ACOUSTIC CEILING BAFFLE PENDANT | FRASCH | NEST | MARIGOLD, CABLE HUNG TO DECK 72" X 72" X 6" D | USED IN MULTI PURPOSE ROOM | 19'-4" AFF |
| CEILING | BF-2 | ACOUSTIC CEILING BAFFLE | FRASCH | SKINNY BAFFLE | HEATHERED OATMEAL, CABLE HUNG TO DECK, 5'-6" | CHILDRENS AREA | 18'-0" AFF |
| CEILING | BF-3 | ACOUSTIC CEILING BAFFLE | FRASCH | SKINNY BAFFLE | HEATHERED VIOLET, CABLE HUNG TO DECK, 5'-6" L | TEEN AREA, DVD STACKS | TEEN AREA 15'-2" AFF, DVD STACKS 12'-0" AFF |
| CEILING | BF-4 | ACOUSTIC CEILING BAFFLE | FRASCH | SKINNY BAFFLE | HEATHERED OATMEAL, CABLE HUNG TO DECK, 5' L | LOBBY | SLOPED, 2'-0" FROM CEILING |
| CEILING | BF-5 | ACOUSTIC PANEL | FRASCH | LINYFELT | BIRCH LIGHT BROWN, 8L2Wx2.25D | EXHIBIT, MULTI-PURPOSE RM | EXHIBIT 22'-0" AFF, MULTIPURPOSE RM, 21'-0" AFF |
| CEILING | BF-6 | ACOUSTIC PENDANT LIGHTING | FRASCH | CLOUD LIT | EGGPLANT, 48" D | CABLE HUNG FROM STRUCTURE, SEE RCP FOR LOCATION | CHILDRENS PROGRAM 8'-4 1/2" AFF, COLLECTION AND SEATING 11'-0", 10'-0" AFF (SEE 5/A122 & 7/A122) |
| CEILING | BF-7 | ACOUSTIC CEILING PENDANT | FRASCH | CLOUD NON-LIT | MARIGOLD, 36" D | CHILDRENS AREA, COLLECTION AND SEATING | CHILDRENS AREA 7'-5" AFF, COLLECTION AND SEATING 12'-0" AFF |
| CEILING | C-2 | ACT CEILING | ARMSTRONG | ULTIMA HIGH NRC | 24" X 24", 91/16" REGULAR, WHITE | | |
| CEILING | C-3 | ACT CEILING | ARMSTRONG | FINE FISSURED | 24" X 24", 15/16" REGULAR, WHITE | | |
| CEILING | C-4 | PAINTED GYP BD CEILING | | | | PAINT PT-1 U.N.O. | |
| COLUMN COVERS | CC-1 | ALUMINUM COLUMN COVER | | | | | |
| FLOOR | CPT-1 | CARPET TILE | BENTLEY | PDS# 154141-008 | MIXED TILE INSTALLATION, RED, 24X24, AFFIRMA II HARDBACK | SEE FLOORING PATTERN A602 | |
| FLOOR | CPT-2 | CARPET TILE | BENTLEY | PDS# 154141-001 | MIXED TILE INSTALLATION, YELLOW, 24X24, AFFIRMA II HARDBACK | SEE FLOORING PATTERN A602 | |
| FLOOR | CPT-3 | CARPET TILE | BENTLEY | PDS# 154141-007 | MIXED TILE INSTALLATION, ORANGE, 24X24, AFFIRMA II HARDBACK | SEE FLOORING PATTERN A602 | |
| FLOOR | CPT-4 | CARPET TILE | BENTLEY | PDS# 154141-005 | MIXED TILE INSTALLATION, PLUM, 24X24, AFFIRMA II HARDBACK | SEE FLOORING PATTERN A602 | |
| FLOOR | CPT-5 | CARPET TILE | BENTLEY | PDS# 154141-004 | MIXED TILE INSTALLATION, LIGHT PURPLE, 24X24, AFFIRMA II HARDBACK | SEE FLOORING PATTERN A602 | |
| FLOOR | CPT-6 | CARPET TILE | BENTLEY | MOTTO STRIPE | HANDS DOWN, 24X24, STANDARD MODULAR BACKING | FIELD CARPET TILE, SEE FLOORING PATTERN A602 | |
| FLOOR | LVT-1 | LUXURY VINYL TILE | TARKEIT | EVENT SERIES | URBAN STONE, 12X24 | FIELD LVT | |
| FLOOR | LVT-2 | LUXURY VINYL TILE | TARKEIT | CONTOUR COLOR PLAY | 9" X 36" PLANKS, PAPERKIA | CHILDRENS AREA, HERRINGBONE INSTALLATION, SEE FINISH FLOOR PLAN A602 | |
| FLOOR | LVT-3 | LUXURY VINYL TILE | TARKEIT | CONTOUR COLOR PLAY | 9" X 36" PLANKS, DANDELION | CHILDRENS AREA, HERRINGBONE INSTALLATION, SEE FINISH FLOOR PLAN A602 | |
| FLOOR | LVT-4 | LUXURY VINYL TILE | TARKEIT | CONTOUR COLOR PLAY | 9" X 36" PLANKS, WEAVE IVORY | CHILDRENS AREA, HERRINGBONE INSTALLATION, SEE FINISH FLOOR PLAN A602 | |
| FLOOR | LVT-5 | LUXURY VINYL TILE | TARKEIT | CONTOUR COLOR PLAY | 9" X 36" PLANKS, SAND DOLLAR | CHILDRENS AREA, HERRINGBONE INSTALLATION, SEE FINISH FLOOR PLAN A602 | |
| FLOOR | SC-1 | SEALED CONCRETE | | | | SEE FLOOR PLAN FOR LOCATION | |
| FLOOR | TL-1 | PORCELAIN FLOOR TILE | ANATOLIA | STATION | 12" X 24" MONOLITHIC, ASH, MATTE | FIELD PORCELAIN FLOOR TILE, SEE FINISH FLOOR PLAN FOR LOCATION | |
| FLOOR | TL-2 | PORCELAIN FLOOR TILE | AMERICAN OLEAN | THEORETICAL | 12"X24", BRICK INSTALL, CREATIVE GRAY | BATHROOM FLOOR TILE | |
| MILLWORK | PL-1 | PLASTIC LAMINATE | WILSONART | STANDARD LAMINATE | HARVEST MAPLE | MILLWORK LAMINATE, RECEPTION DESK LAMINATE | |
| MILLWORK | PL-2 | PLASTIC LAMINATE | WILSONART | STANDARD LAMINATE | GREY | BATHROOM APRON LAMINATE | |
| MILLWORK | QZ-1 | QUARTZ | BPI | PRESTIGE STONE | PROSECCO P59899, 2 CM | COUNTER TOPS THROUGHOUT | |
| WALL BASE | CV-1 | COVE BASE | SCHLUTER | DILEX-AHK | STAIN ANODIZED | BATHROOM WALL TILE TO BATHROOM FLOOR TILE TRANSITION STRIP (SEE 11/A1610 FOR DETAIL) | |
| WALL BASE | RB-1 | RUBBER BASE | ROPPE | WALL BASE | 4" SLATE | FIELD BASE THROUGHOUT U.N.O. | |
| WALL BASE | RB-2 | RUBBER BASE | ROPPE | WALL BASE | 4" SAHARA | TO BE USED AS BASE OF RECEPTION DESK ONLY, SEE MILLWORK DRAWINGS | |
| WALL BASE | RB-3 | RUBBER BASE | ROPPE | WALL BASE | 4" BLACK | PLAN 5 WALL IN MEETING RM #109, AT BASE OF WP-1 (SEE ELEV 2/A343) | |
| WALL BASE | TB-1 | TILE BASE | AMERICAN OLEAN | THEORETICAL | BULLNOSE BASE, LOGICAL GRAY | APPLIED AT PTD BATHROOM GYP BD WALLS | |
| WALLS | PT-1 | INTERIOR PAINT (REFER TO FINISH SCHEDULE FOR LOCATIONS) | SHERWIN WILLIAMS | | AESTHETIC WHITE | FIELD PAINT, ALL WALLS PAINTED PT-1 U.N.O. GYP BD CEILING | |
| WALLS | PT-2 | INTERIOR PAINT (REFER TO FINISH SCHEDULE FOR LOCATIONS) | SHERWIN WILLIAMS | | JONQUIL | ACCENT PAINT | |
| WALLS | PT-3 | INTERIOR PAINT (REFER TO FINISH SCHEDULE FOR LOCATIONS) | SHERWIN WILLIAMS | | SUMMER DAY | ACCENT PAINT | |
| WALLS | PT-4 | INTERIOR PAINT (REFER TO FINISH SCHEDULE FOR LOCATIONS) | SHERWIN WILLIAMS | | COPPER WIRE | ACCENT PAINT | |
| WALLS | PT-5 | INTERIOR PAINT (REFER TO FINISH SCHEDULE FOR LOCATIONS) | SHERWIN WILLIAMS | | DUSTY HEATHER | ACCENT PAINT | |
| WALLS | PT-6 | INTERIOR PAINT (REFER TO FINISH SCHEDULE FOR LOCATIONS) | SHERWIN WILLIAMS | | SOULMATE | ACCENT PAINT | |
| WALLS | PT-7 | INTERIOR PAINT (REFER TO FINISH SCHEDULE FOR LOCATIONS) | SHERWIN WILLIAMS | | BLACK MAGIC | EXPOSED STRUCTURE | |
| WALLS | TL-3 | PORCELAIN WALL TILE | AMERICAN OLEAN | THEORETICAL | 12"X24" MONOLITHIC, LOGICAL GRAY | BATHROOM WALL TILE | |
| WALLS | TL-4 | CERAMIC WALL TILE | DALTILE | COLOR WHEEL LINEAR | 4"X8", VERTICAL, MONOLITHIC, MUSTARD | BATHROOM #104 AND #107 BACKSPLASH (SEE ELEV 3/A342 AND 7/A342), INSTALL 3'-4" UP WALL FROM TOP OF 4" QUARTZ BACK SPLASH (IF FULL TILES) | |
| WALLS | WC-1 | TACKABLE WALLCOVERING | KOROSEAL | TAC-WALL, 48" W | HARBOR | MEETING ROOM #109 (SEE ELEV 2/A343) | |
| WALLS | WC-2 | PARTITION FABRIC | CARNEGIE | XOREL VENEER (EMBOS) | 813 | FOR USE ON MOVABLE PARTITION (SEE ELEV 7/A343 AND 8/A343) | |
| WALLS | WP-1 | ACOUSTIC PANEL | FRASCH | STRATA | HORIZONTAL INSTALLATION, LIGHT OAK, 24" L X 96" W X 87" H | HORIZONTAL, SLATS TO BE CUT AROUND ELECTRICAL OUTLETS AND LIGHT SWITCHES, TYP. | RECEPTION DESK (SEE 11/A342), MEETING ROOM 109 (SEE 2/A343) |

| No. | Description | Date |
|-----|----------------|----------|
| 1 | Change Order 1 | 07/28/23 |
| 2 | RCP/Finishes | 12/08/23 |

KEY PLAN

Mathes Briere ARCHITECTS
ABM ARCHITECTS BEAZLEY MOLIÈRE
 A JOINT VENTURE

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 Voice: 504.598.9303, Fax: 504.592.1305

300 Heymann Blvd.
 Lafayette, Louisiana 70503
 337.233.0614

PROJECT TITLE

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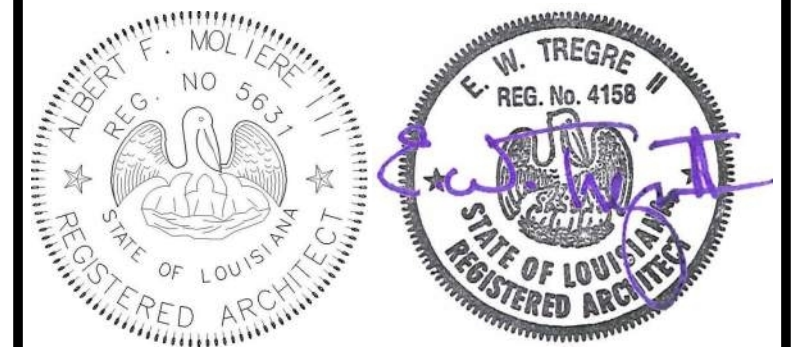
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|-------------|--|------------|------------|
| DESIGNED BY | MBA/ABM | CHECKED BY | AM/PP |
| DRAWN BY | CF/FA | DATE | 05.05.2023 |
| SHEET TITLE | FINISH SCHEDULE / LEGEND / INFORMATION | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | A600 |

ABM - 201813

| FLOOR FINISH PLAN LEGEND | |
|---|---|
| | CPT-1, CPT-2, CPT-3, CPT-4, CPT-5, CPT-6, CARPET TILE |
| | LVT-1, LUXURY VINYL TILE |
| | LVT-2, LVT-3, LVT-4, LVT-4, LUXURY VINYL TILE |
| | TL-1, PORCELAIN TILE FLOORING |
| | TL-2, PORCELAIN TILE FLOORING |
| | SC-1, SEALED CONCRETE |
| REFER TO INTERIOR DETAIL SHEETS FOR TRANSITION DETAILS. | |

MATERIALS KEYING/ GENERAL NOTES



| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |
| | | |

KEY PLAN

Mathes Brierre + /BM
 ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
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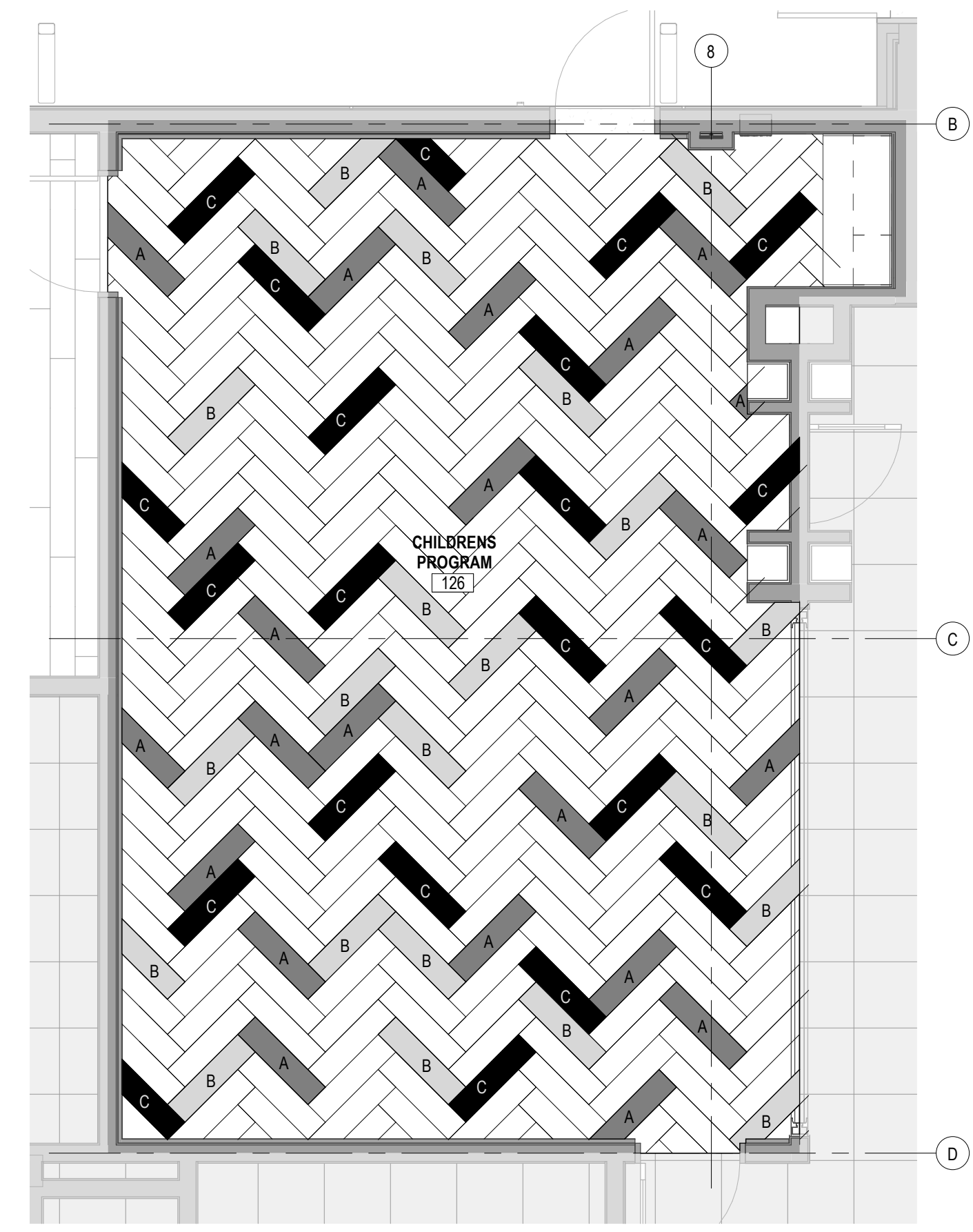
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| DESIGNED BY | MBA/ABM | CHECKED BY | AM/PP |
| DRAWN BY | CF/FA | DATE | 05.05.2023 |
| SHEET TITLE | | | |
| FLOOR FINISH PLAN | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | A601 |
| | ABM - 201813 | | |

1 FINISH PLAN - LEVEL 1
 A601 1/8" = 1'-0"



LVT PATTERN LEGEND

- LVT - 4
COLOR: QUARRY
- A
LVT - 2
COLOR: PAPRIKA
- B
LVT - 3
COLOR: DENDELION
- C
LVT - 5
COLOR: SAND DOLLAR



2 LVT TILE LAYOUT PLAN
A602 1/4" = 1'-0"

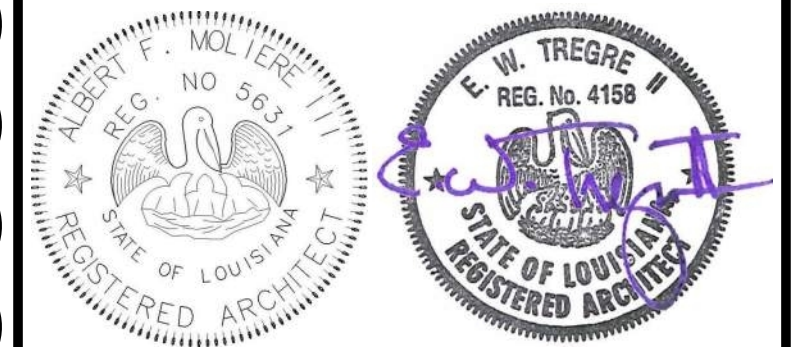
CARPET TILE LAYOUT LEGEND

- CPT-6 - COLOR: HANDS DOWN
- A CPT-5 - COLOR: LIGHT PURPLE
- B CPT-4 - COLOR: PLUM
- C CPT-3 - COLOR: ORANGE
- D CPT-1 - COLOR: RED
- E CPT-2 - COLOR: YELLOW

ADD 3



1 CARPET TILE LAYOUT PLAN
A602 1/8" = 1'-0"



| No. | Description | Date |
|-----|-------------|----------|
| 1 | Addendum 2 | 05/26/23 |
| 2 | Addendum 3 | 06/01/23 |

KEY PLAN

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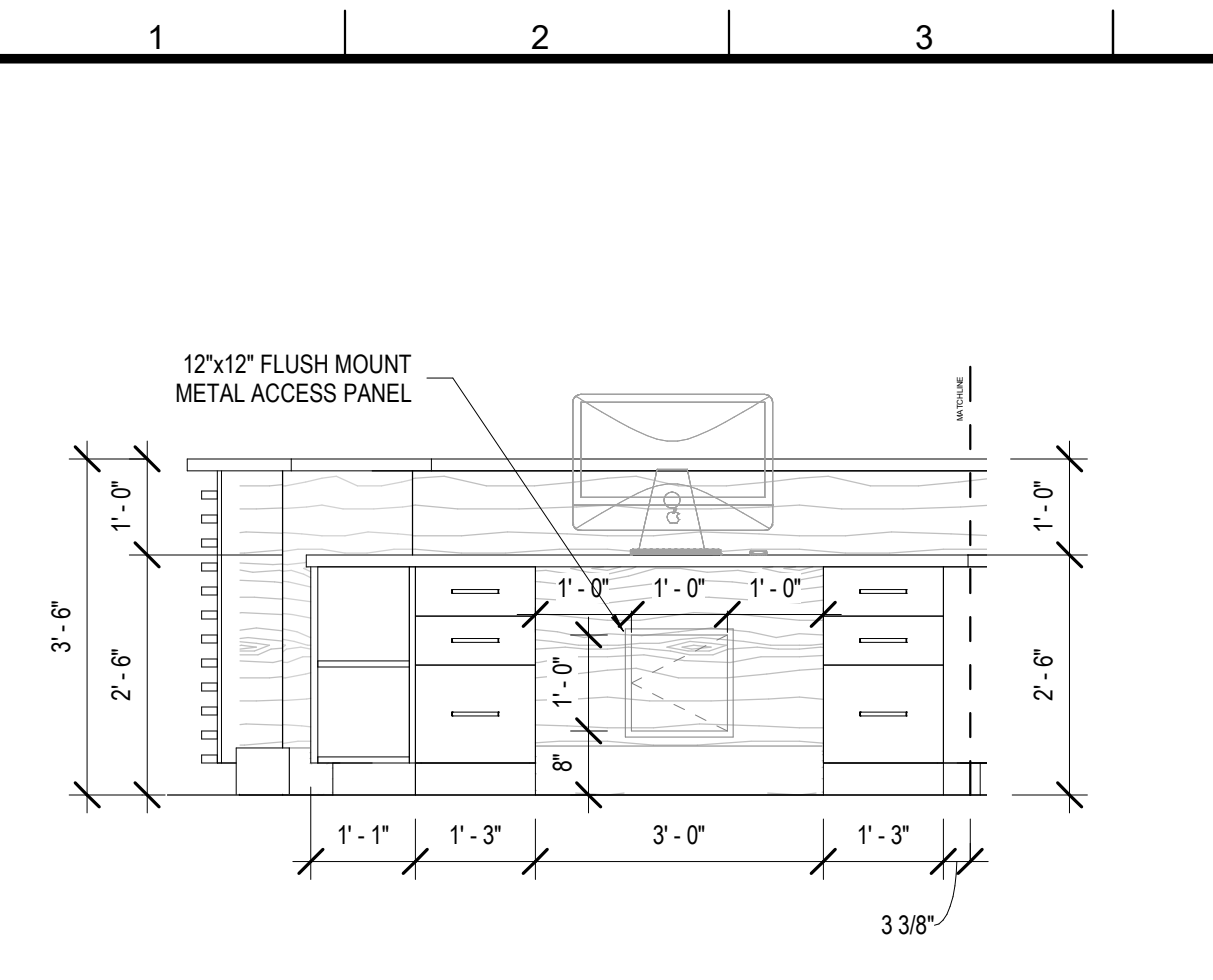
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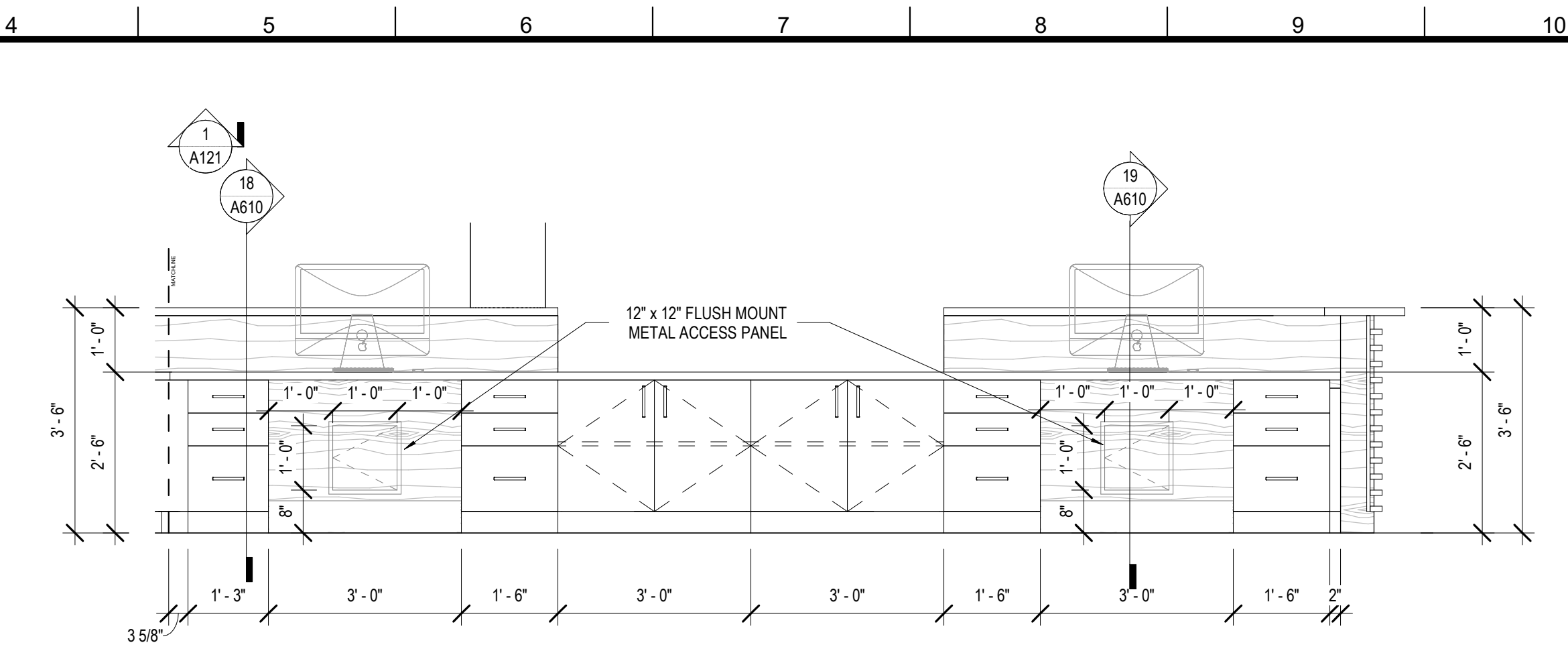
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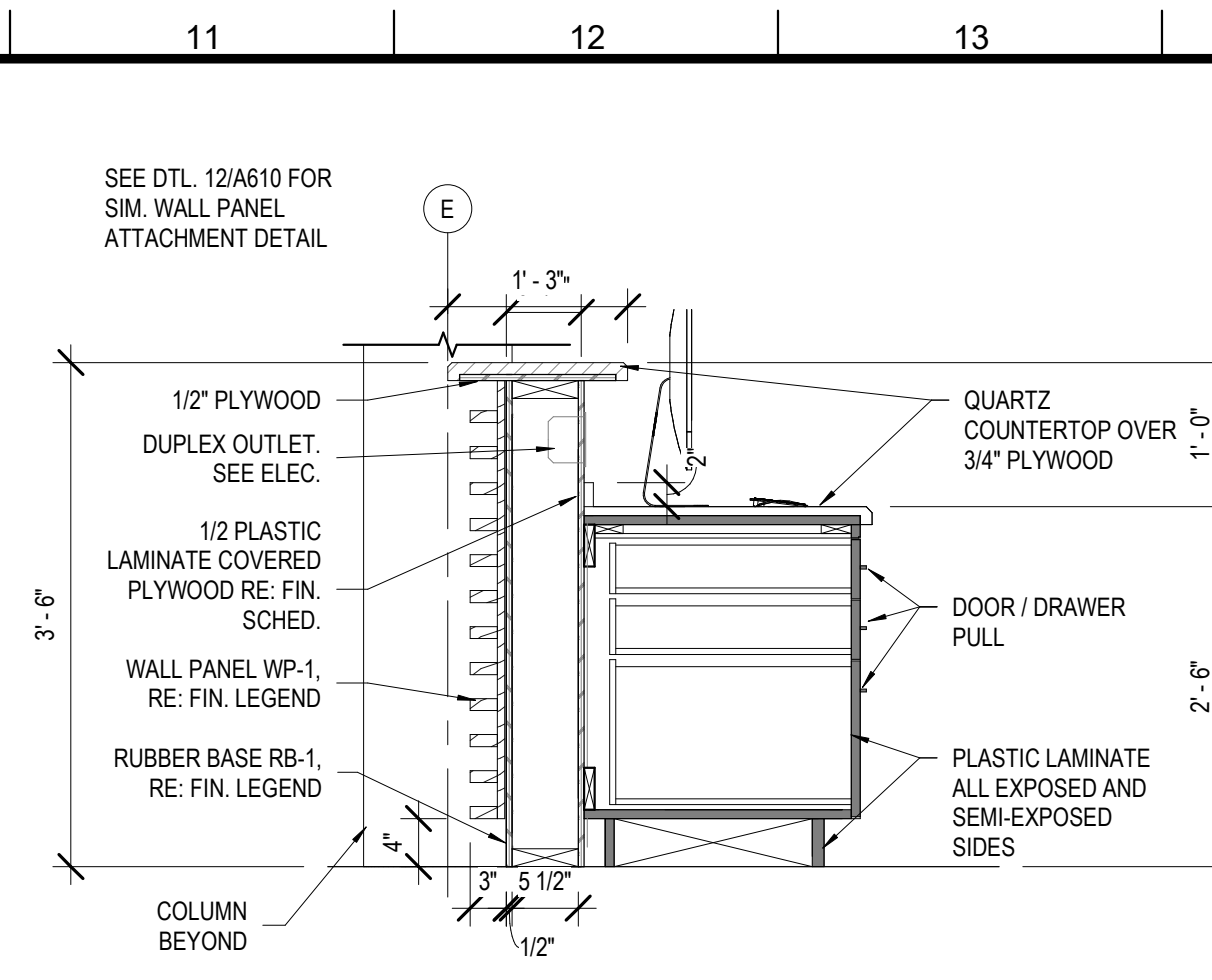
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|--|--------------------|
| DESIGNED BY Designer | CHECKED BY Checker |
| DRAWN BY Author | DATE 05.05.2023 |
| SHEET TITLE CARPET TILE LAYOUT PLAN | |
| PROJECT NO. MBA - 11884 ABM - 201813 | SHEET NO. A602 |



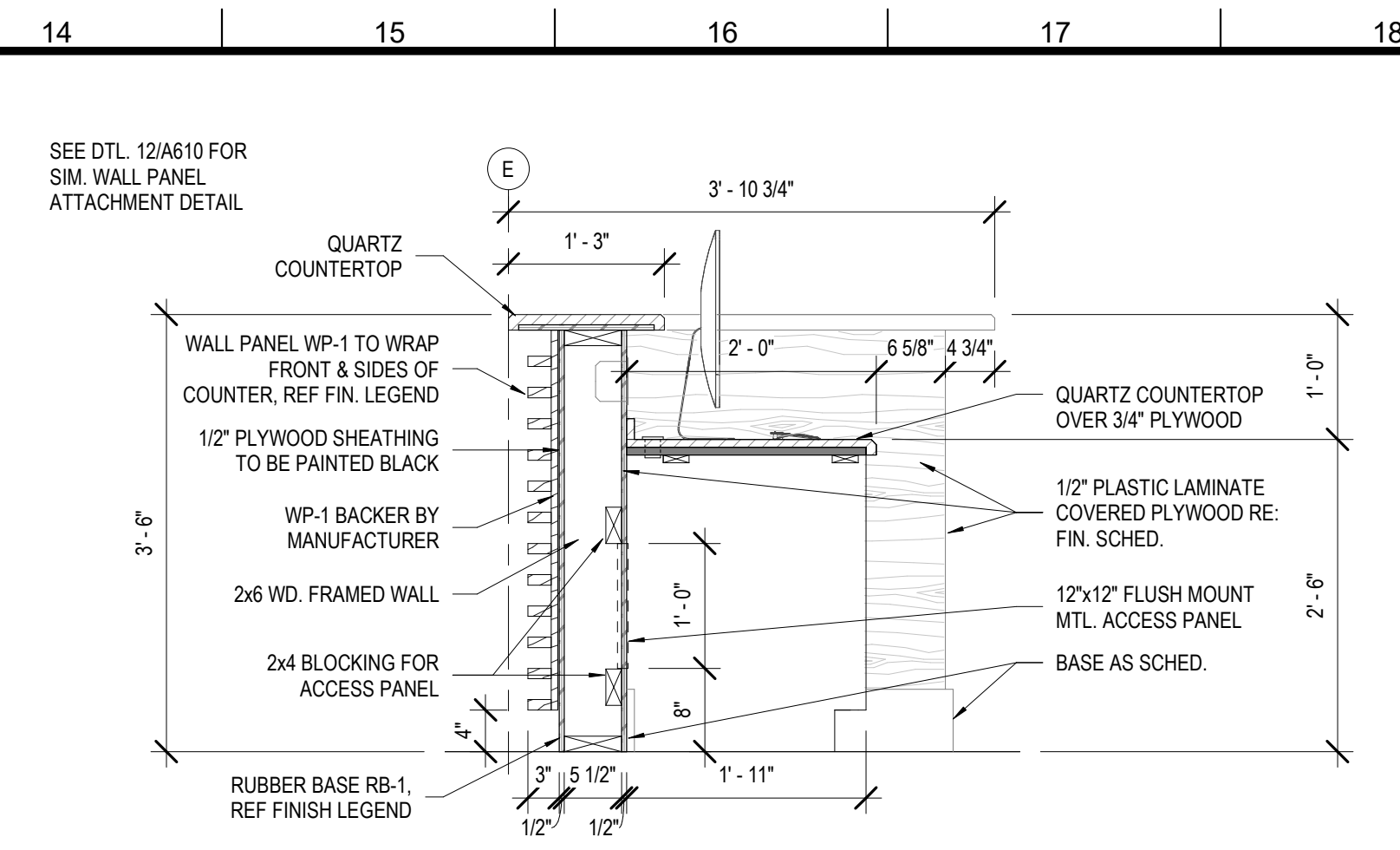
16 CHECK-OUT CASWORK 2
A610 1/2" = 1'-0"



17 CHECK-OUT - CASEWORK
A610 1/2" = 1'-0"

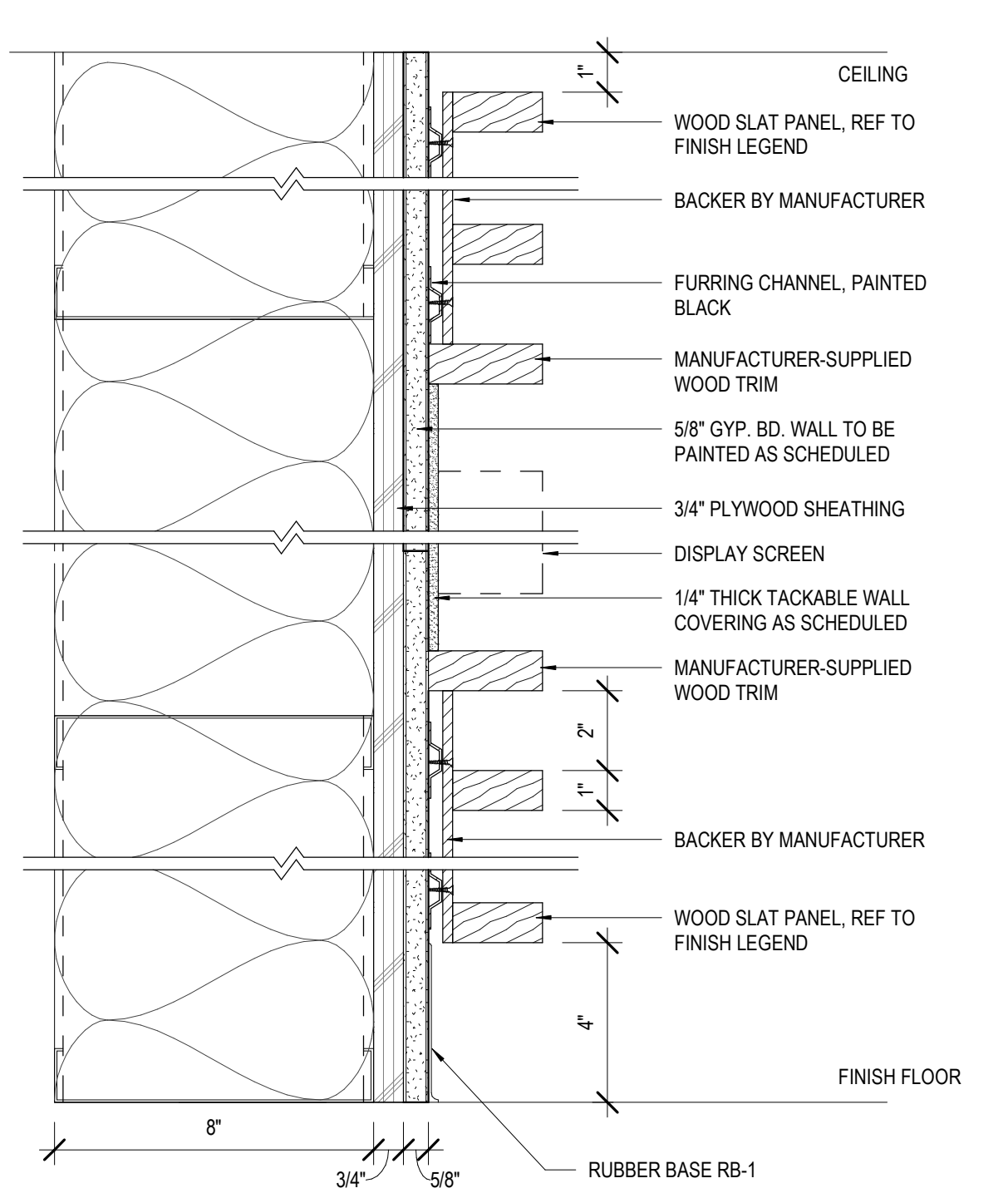


18 SECTION - CHECKOUT COUNTER
A610 3/4" = 1'-0"

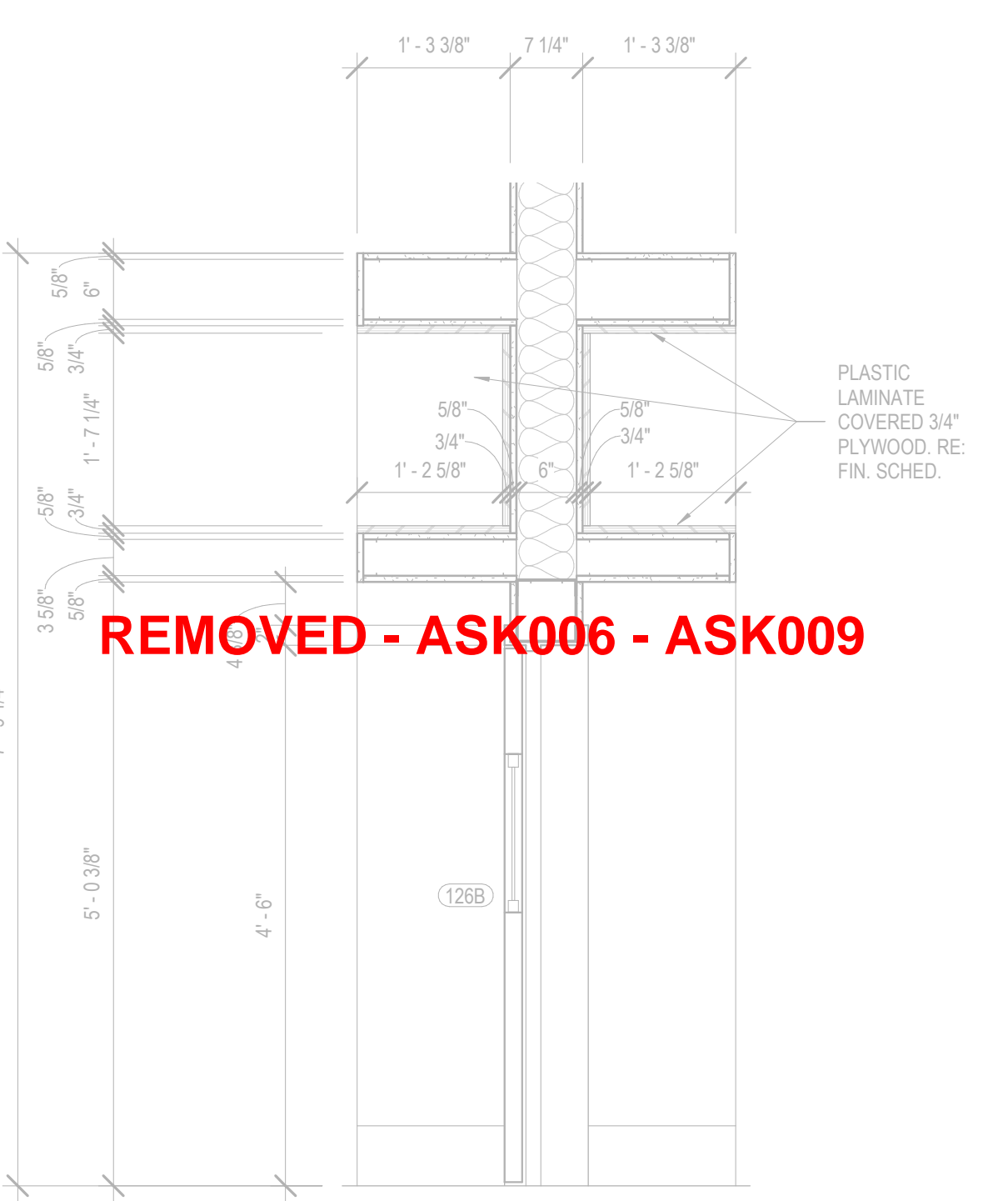


19 SECTION - CHECKOUT COUNTER 2
A610 3/4" = 1'-0"

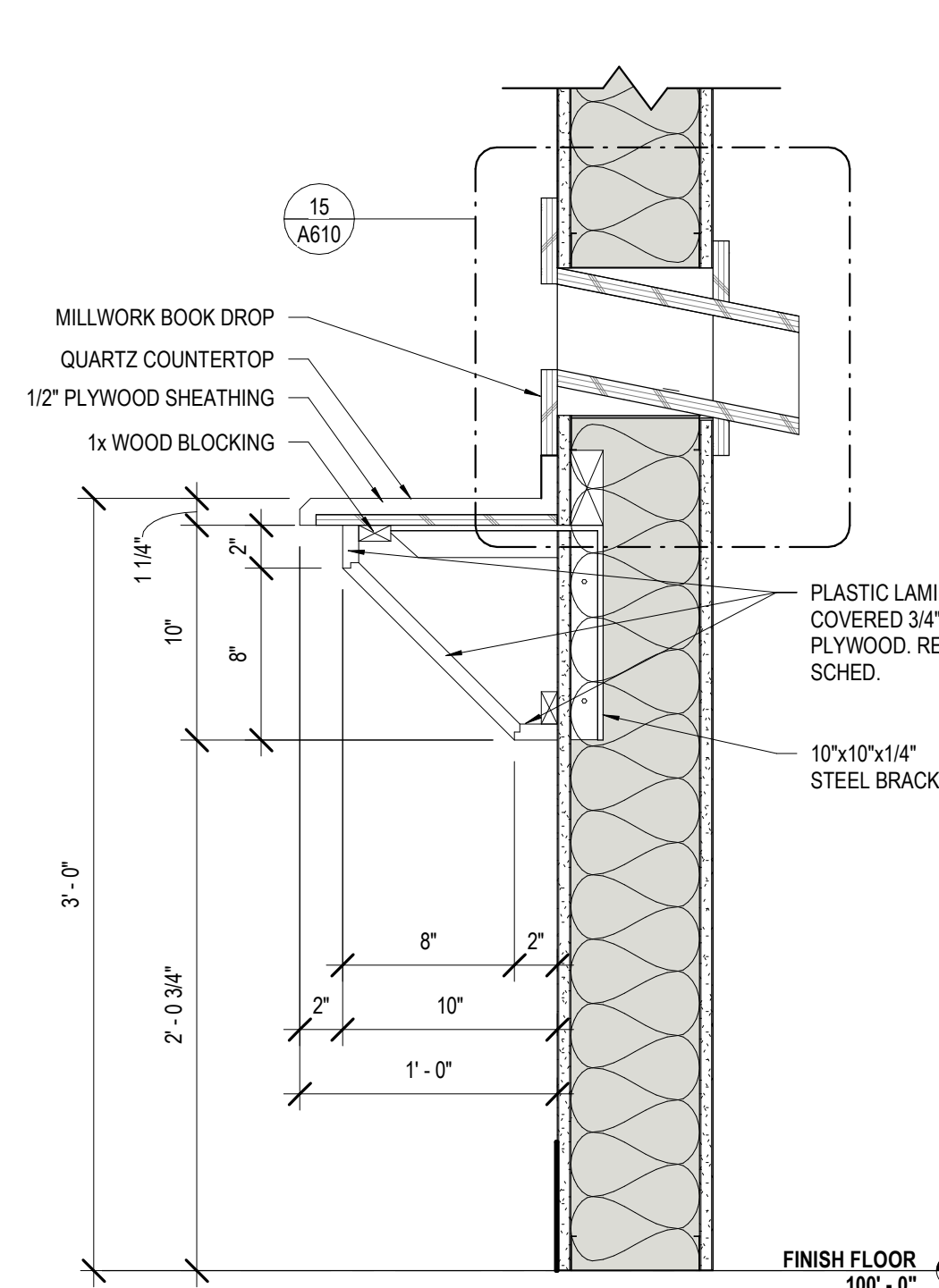
MATERIALS KEYING/ GENERAL NOTES



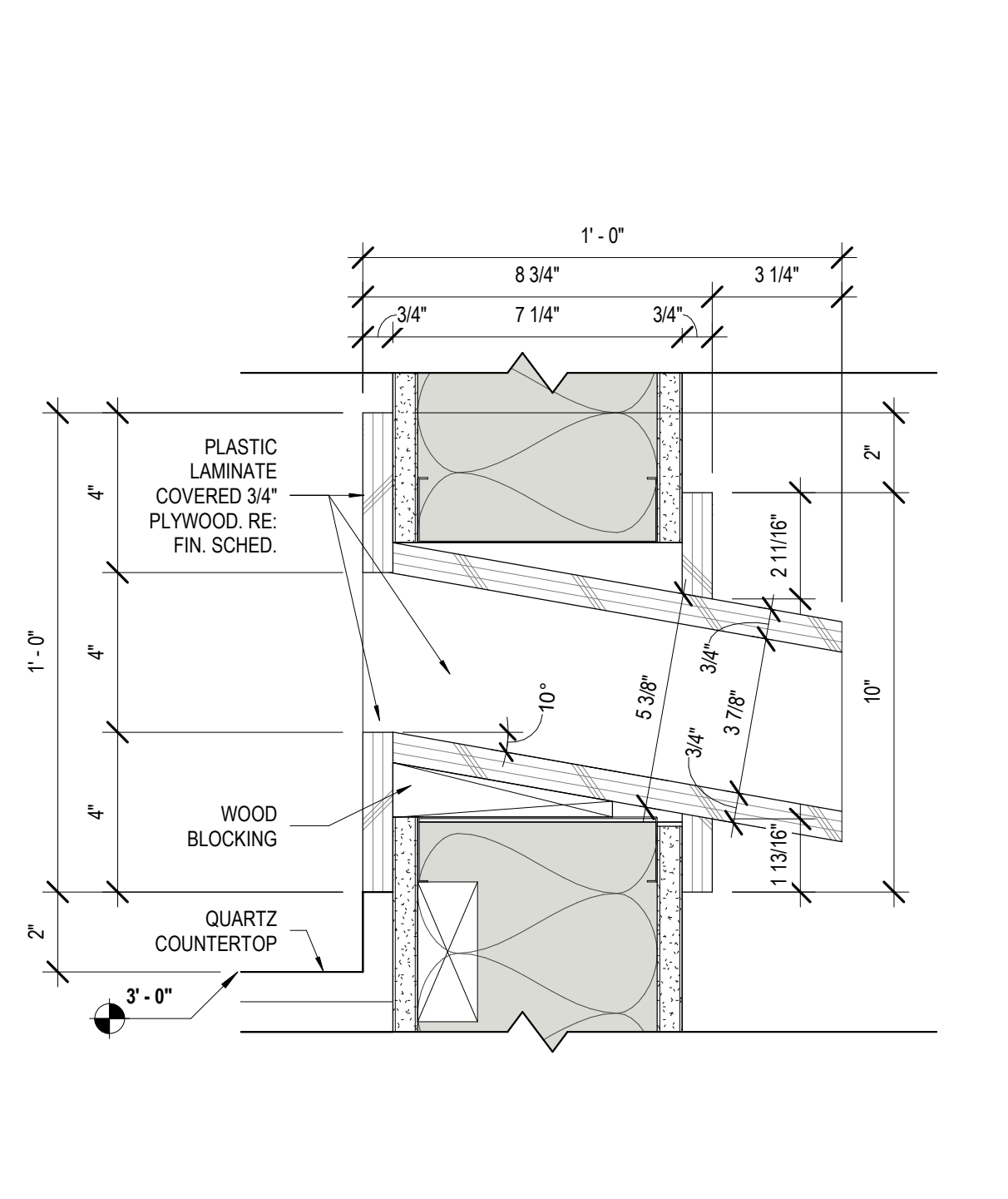
12 SECTION DTL. @ WOOD SLAT WALL
A610 3" = 1'-0"



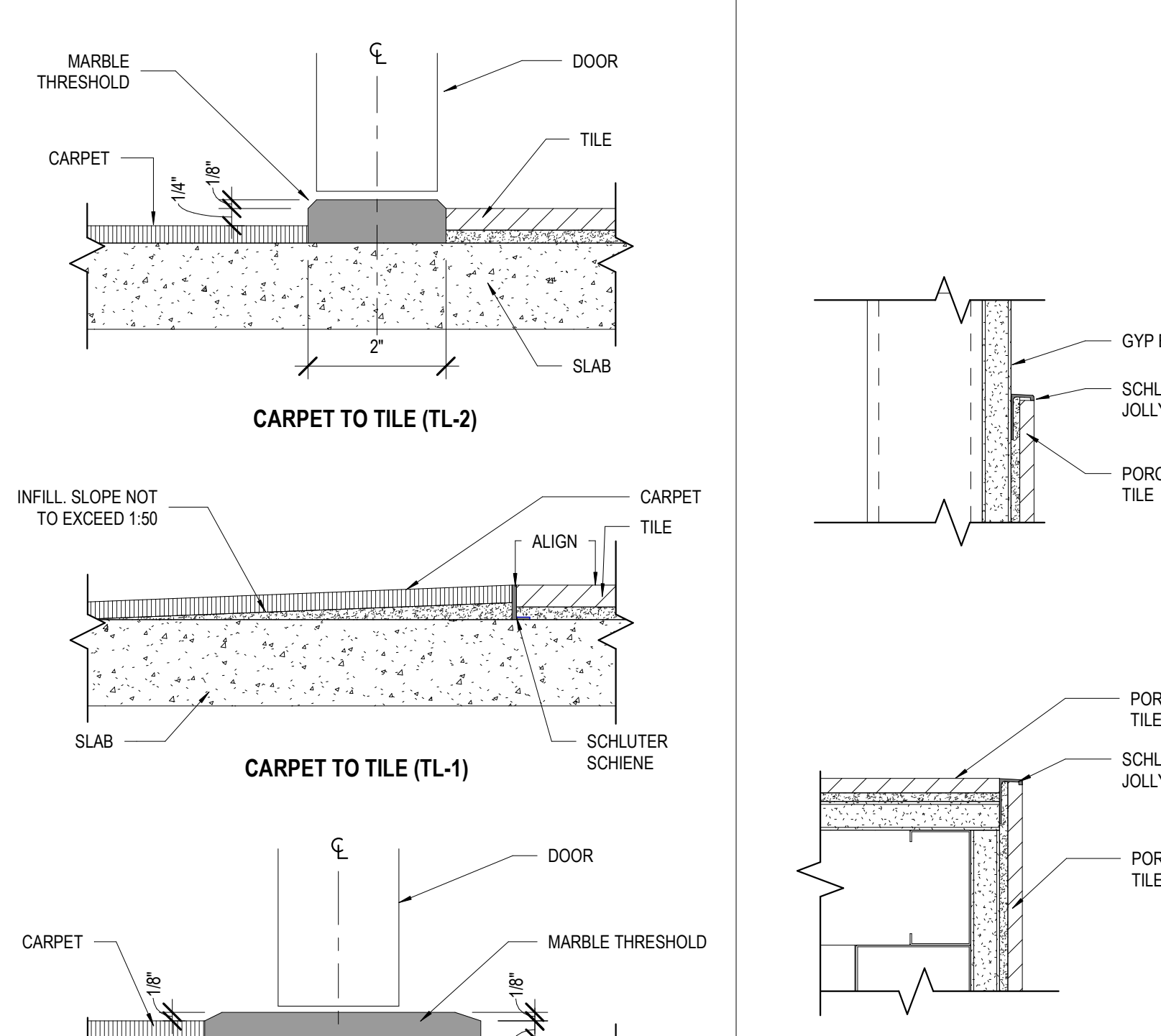
13 CHILD ENT. CASEWORK SECT. 2
A610 3/4" = 1'-0"



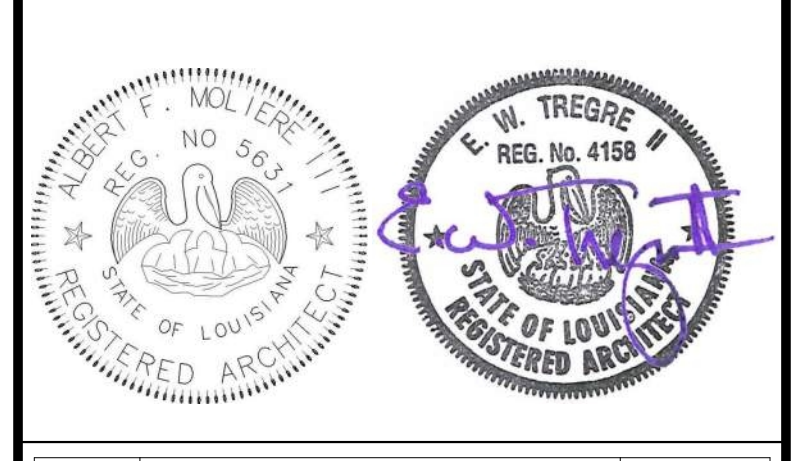
14 BOOK DROP SECTION
A610 1 1/2" = 1'-0"



15 BOOK SLOT DTL.
A610 3" = 1'-0"

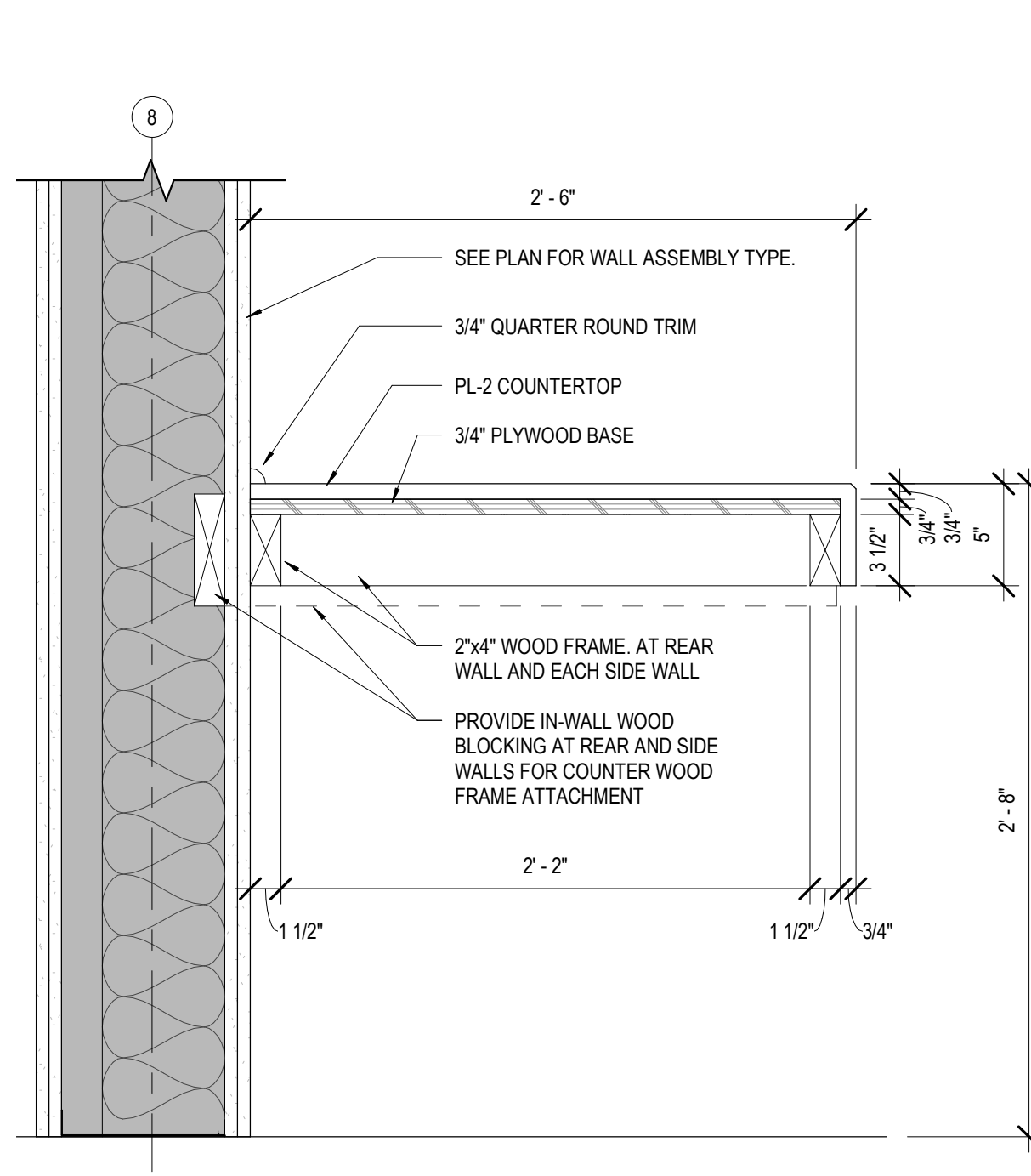


10 FLOORING TRANSITIONS
A610 6" = 1'-0"

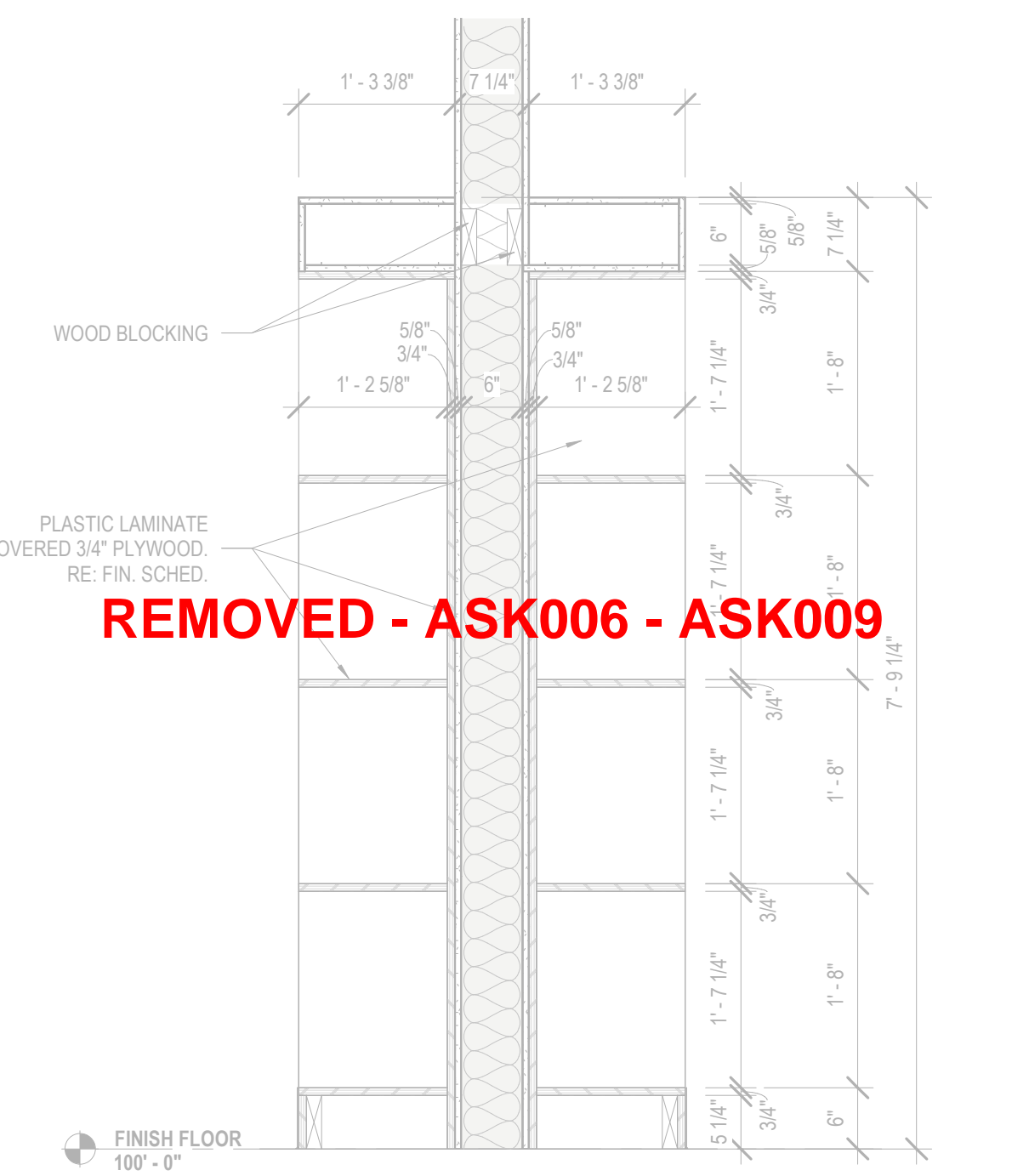


| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |

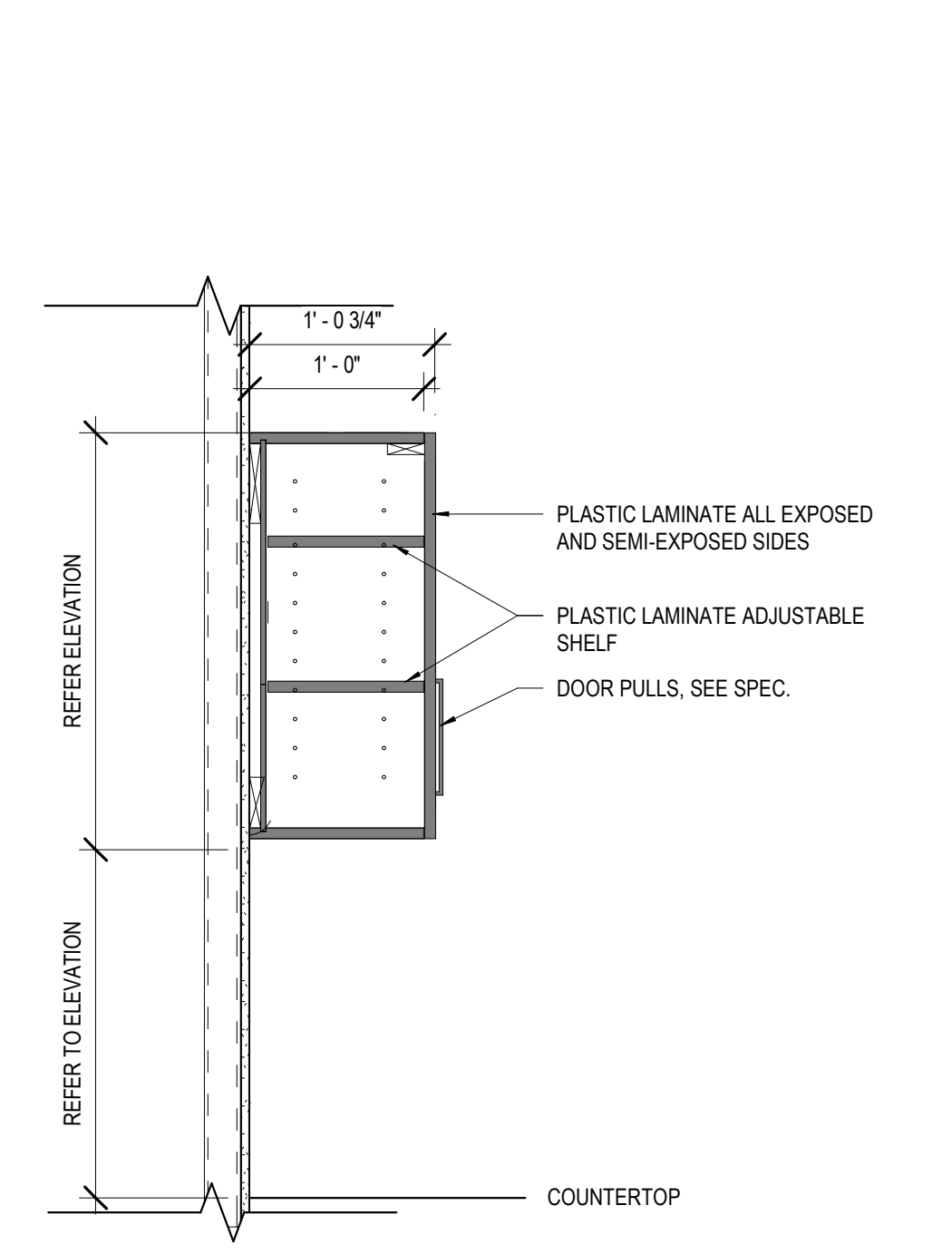
KEY PLAN



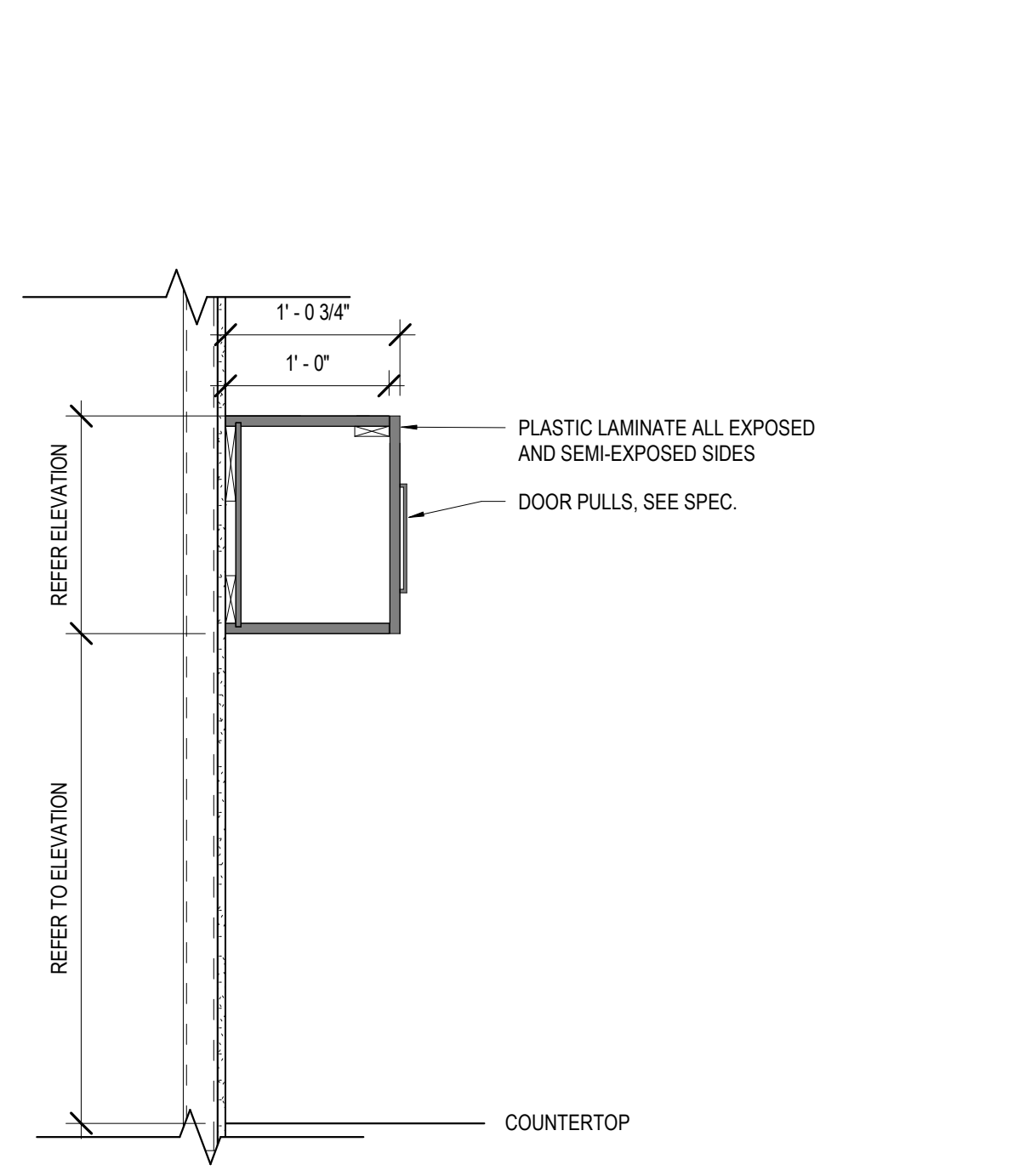
6 SECTION @ WORKING COUNTER
A610 1 1/2" = 1'-0"



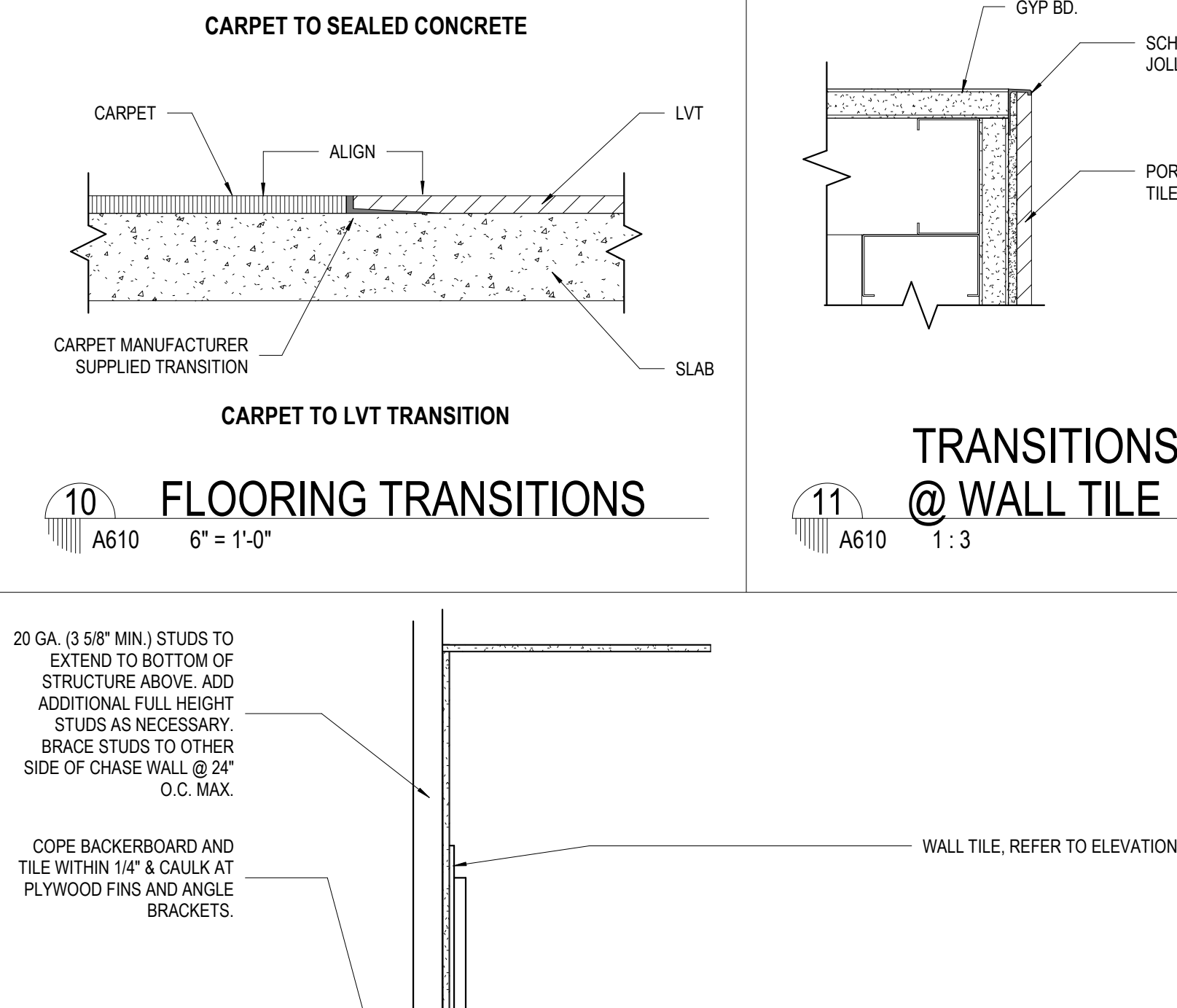
7 CHILD ENT. CASEWORK SECT. 1
A610 3/4" = 1'-0"



8 SECTION @ UPPER CABINET
A610 1" = 1'-0"



9 SECT. @ UPPER CABINET OVER SINK
A610 1" = 1'-0"



5 SECTION @ RESTROOM SINK
A610 1" = 1'-0"

TRANSITIONS @ WALL TILE
A610 1:3

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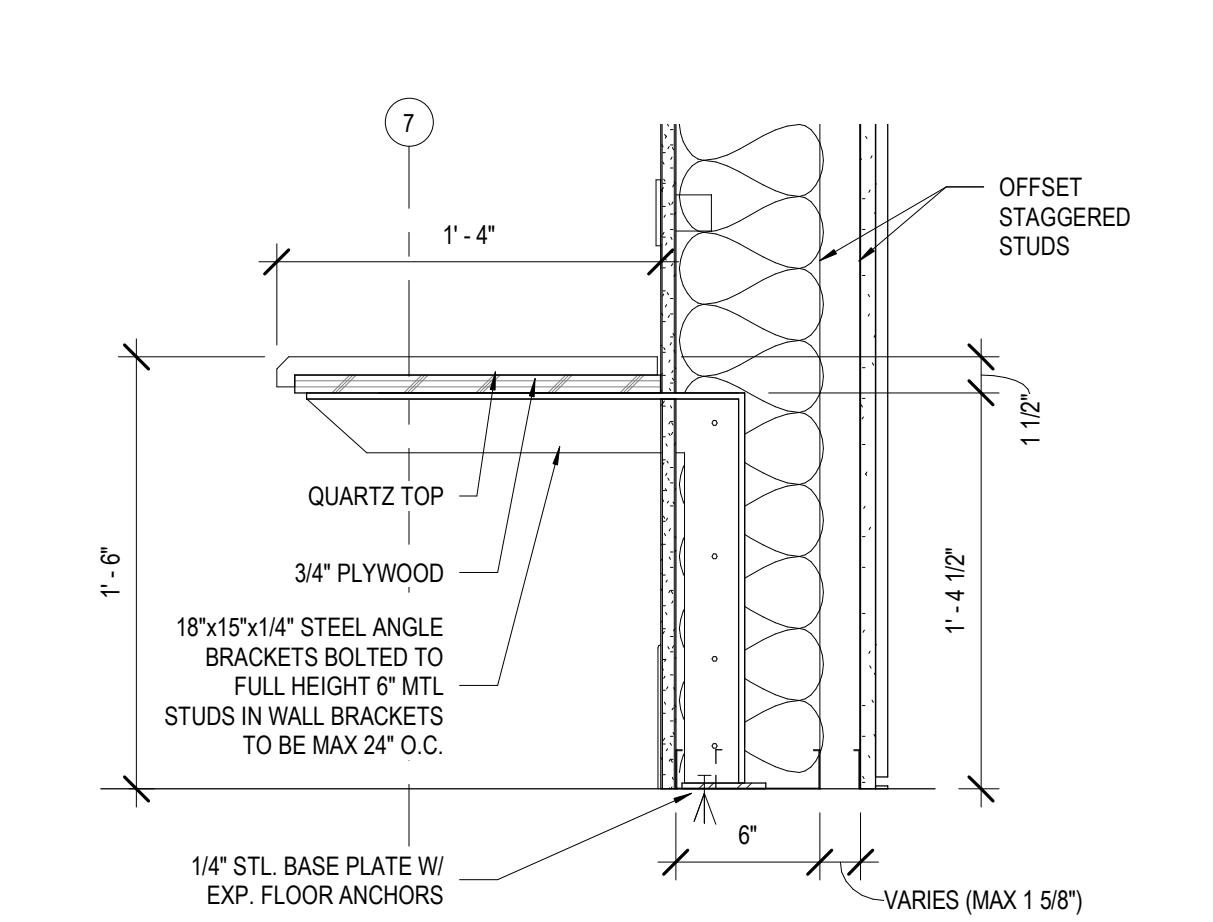
PROJECT TITLE

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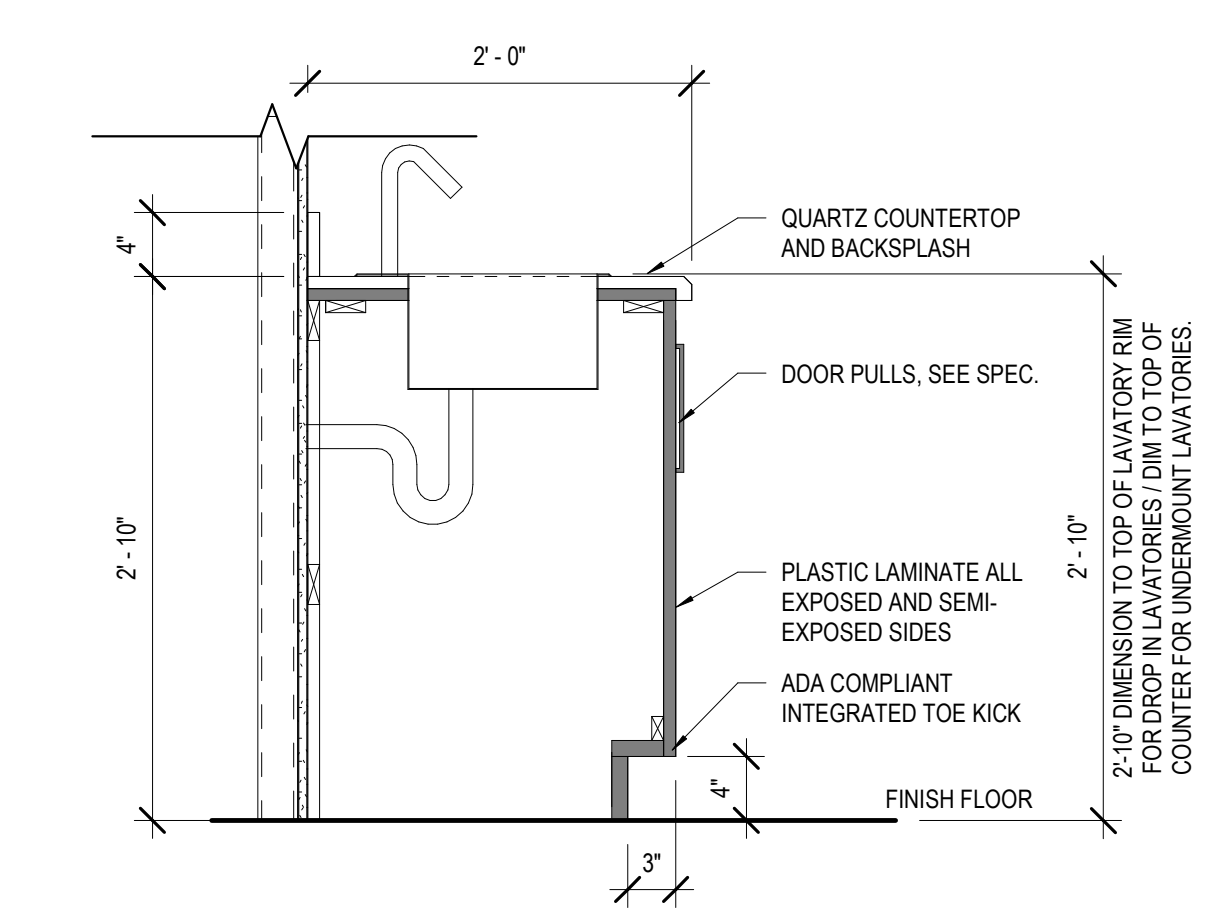
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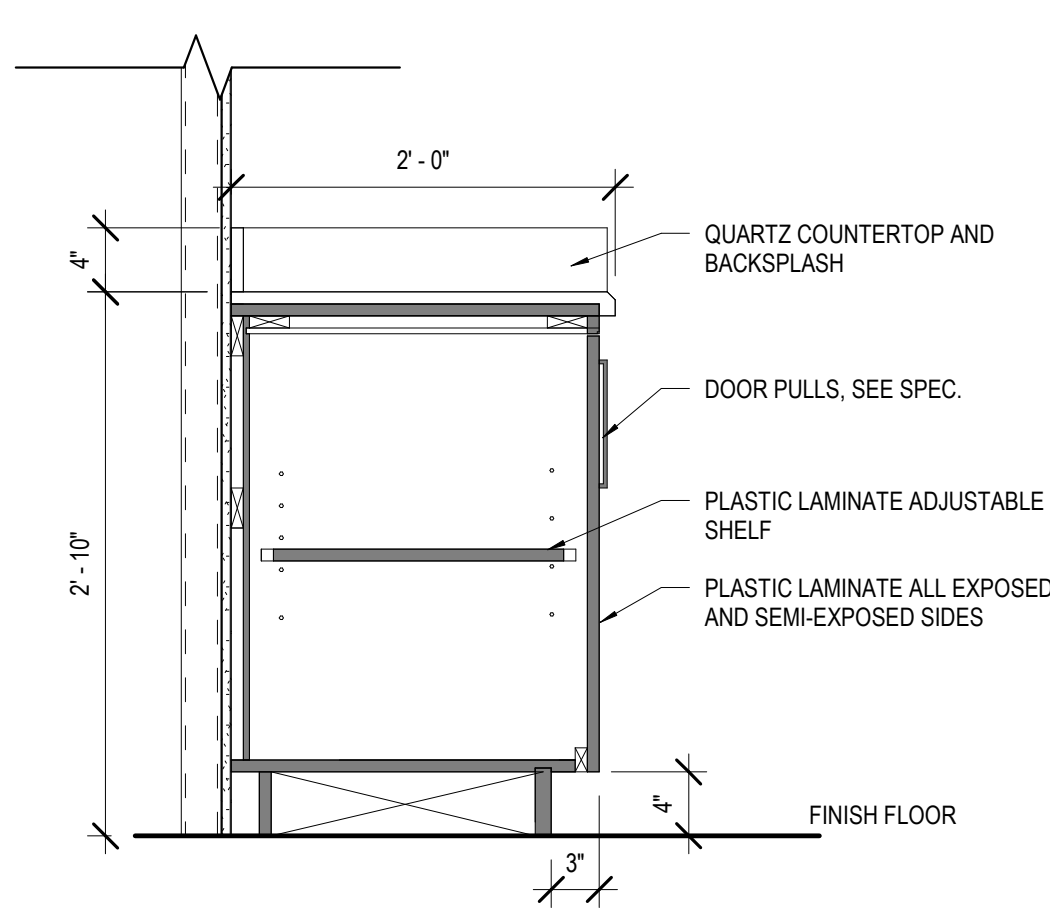
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| DESIGNED BY | MBA/ABM | CHECKED BY | AM/PP |
| DRAWN BY | F/RZ | DATE | 05.05.2023 |
| SHEET TITLE | FINISH / CASEWORK / MILLWORK DETAILS | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | A610 |
| | ABM - 201813 | | |



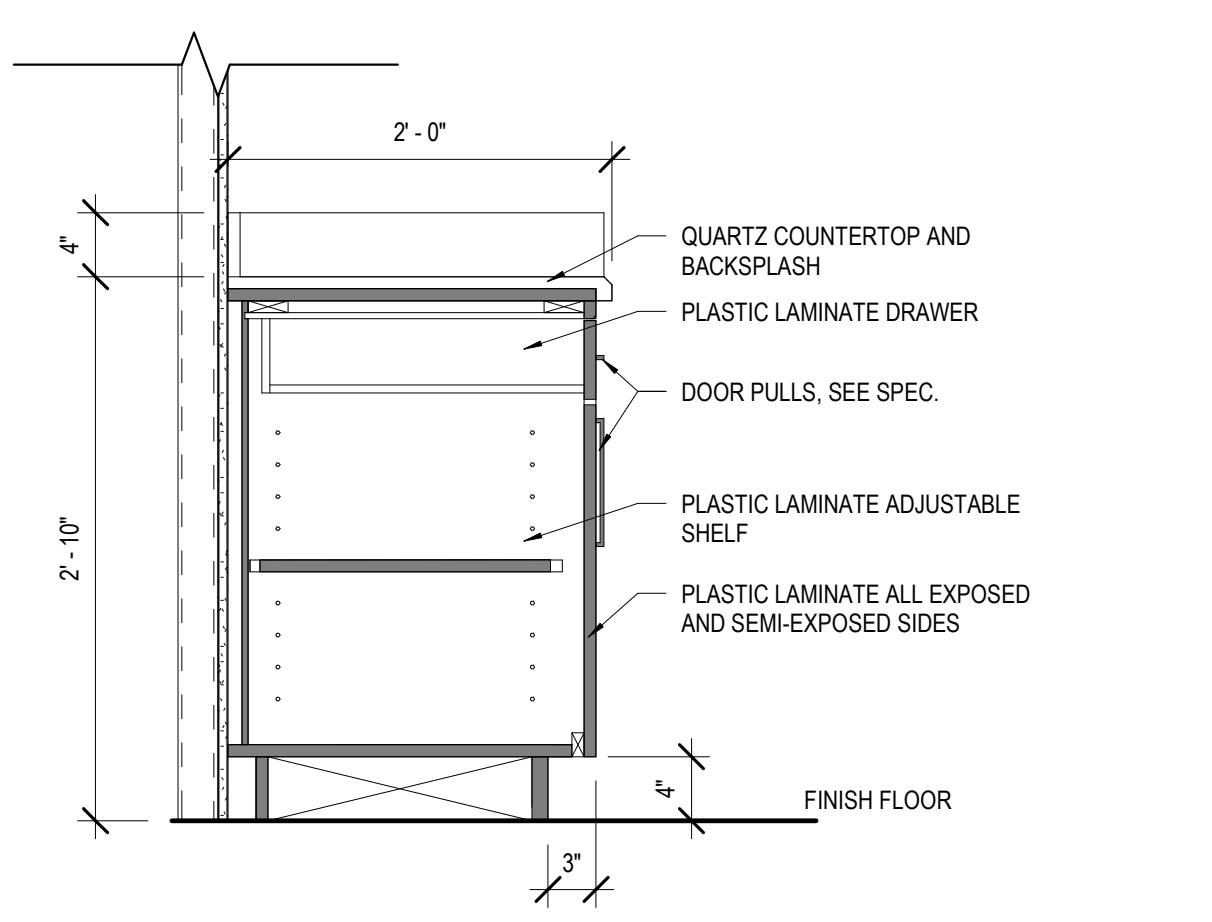
1 LOBBY BENCH SECTION
A610 1 1/2" = 1'-0"



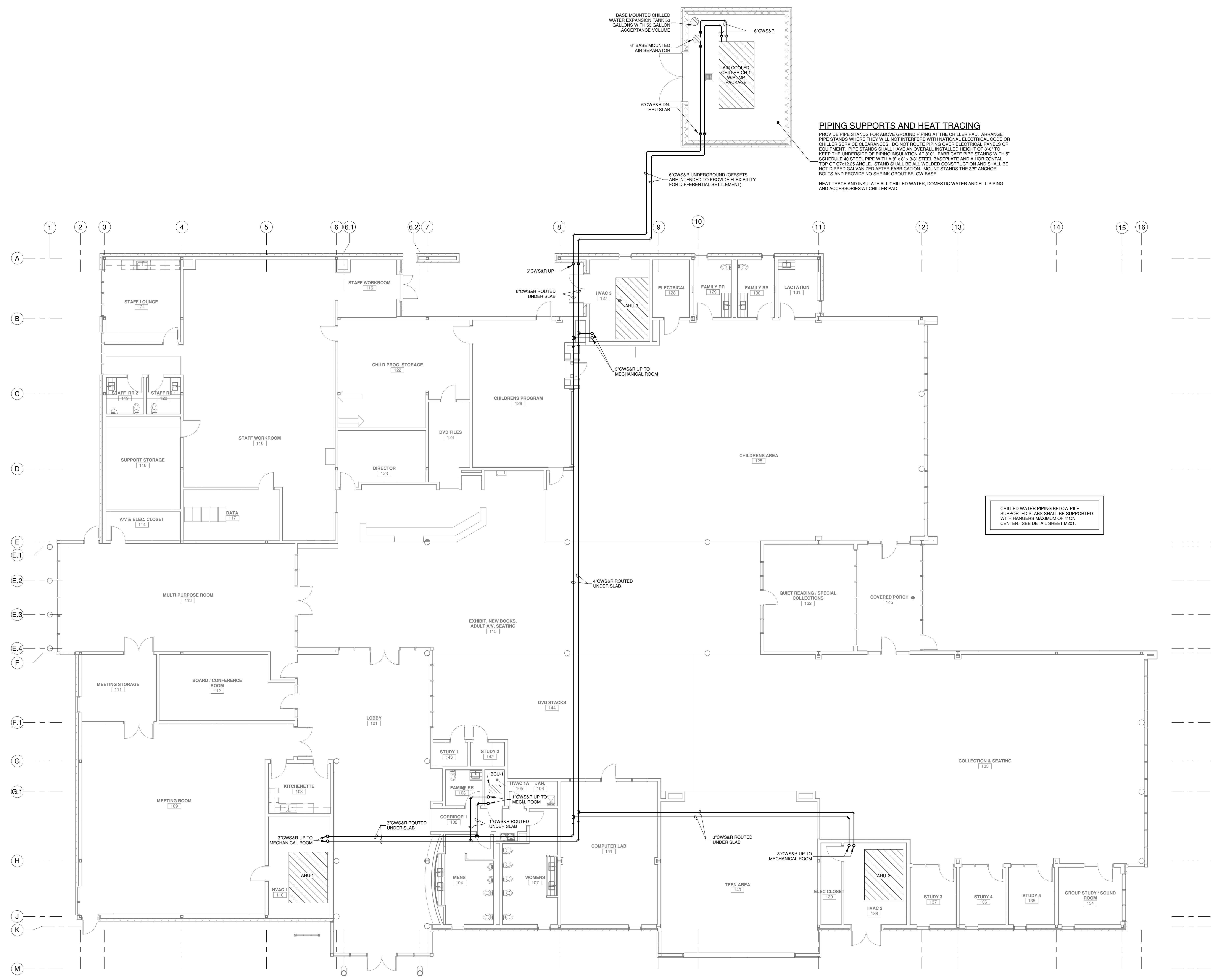
2 SECTION @ ADA SINK
A610 1" = 1'-0"



3 SECTION @ BASE CABINET
A610 1" = 1'-0"



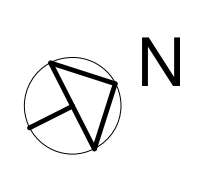
4 SECT. @ BASE CABINET W/ DRAWER
A610 1" = 1'-0"



PIPING SUPPORTS AND HEAT TRACING
 PROVIDE PIPE STANDS FOR ABOVE GROUND PIPING AT THE CHILLER PAD. ARRANGE PIPE STANDS WHERE THEY WILL NOT INTERFERE WITH NATIONAL ELECTRICAL CODE OR CHILLER SERVICE CLEARANCES. DO NOT ROUTE PIPING OVER ELECTRICAL PANELS OR EQUIPMENT. PIPE STANDS SHALL HAVE AN OVERALL INSTALLED HEIGHT OF 8'-0" TO KEEP THE UNDERSIDE OF PIPING INSULATION AT 8'-0". FABRICATE PIPE STANDS WITH 1" SCHEDULE 40 STEEL PIPE WITH A 4" x 4" x 3/8" STEEL BASEPLATE AND A HORIZONTAL TOP OF 0.7:12.25 ANGLE. STAND SHALL BE ALL WELDED CONSTRUCTION AND SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION. MOUNT STANDS THE 3/8" ANCHOR BOLTS AND PROVIDE NO SHRINK GROUT BELOW BASE.
 HEAT TRACE AND INSULATE ALL CHILLED WATER, DOMESTIC WATER AND FILL PIPING AND ACCESSORIES AT CHILLER PAD.

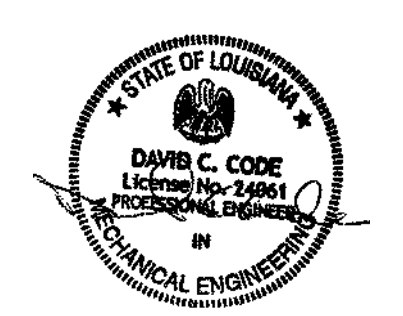
CHILLED WATER PIPING BELOW PILE SUPPORTED SLABS SHALL BE SUPPORTED WITH HANGERS MAXIMUM OF 4' ON CENTER. SEE DETAIL SHEET M201.

**HVAC
 CHILLER PAD AND UNDERGROUND CHILLED WATER PIPING PLAN**
 SCALE: 1/8" = 1'-0"



| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |
| | | |

KEY PLAN



5-5-23

Mathes Brierre + **BM**
 ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
 A JOINT VENTURE
 201 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
 Voice: 504.586.5903. Fax: 504.582.1305
 300 Heymann Blvd.
 Lafayette, Louisiana 70503
 337.233.0614

PROJECT TITLE

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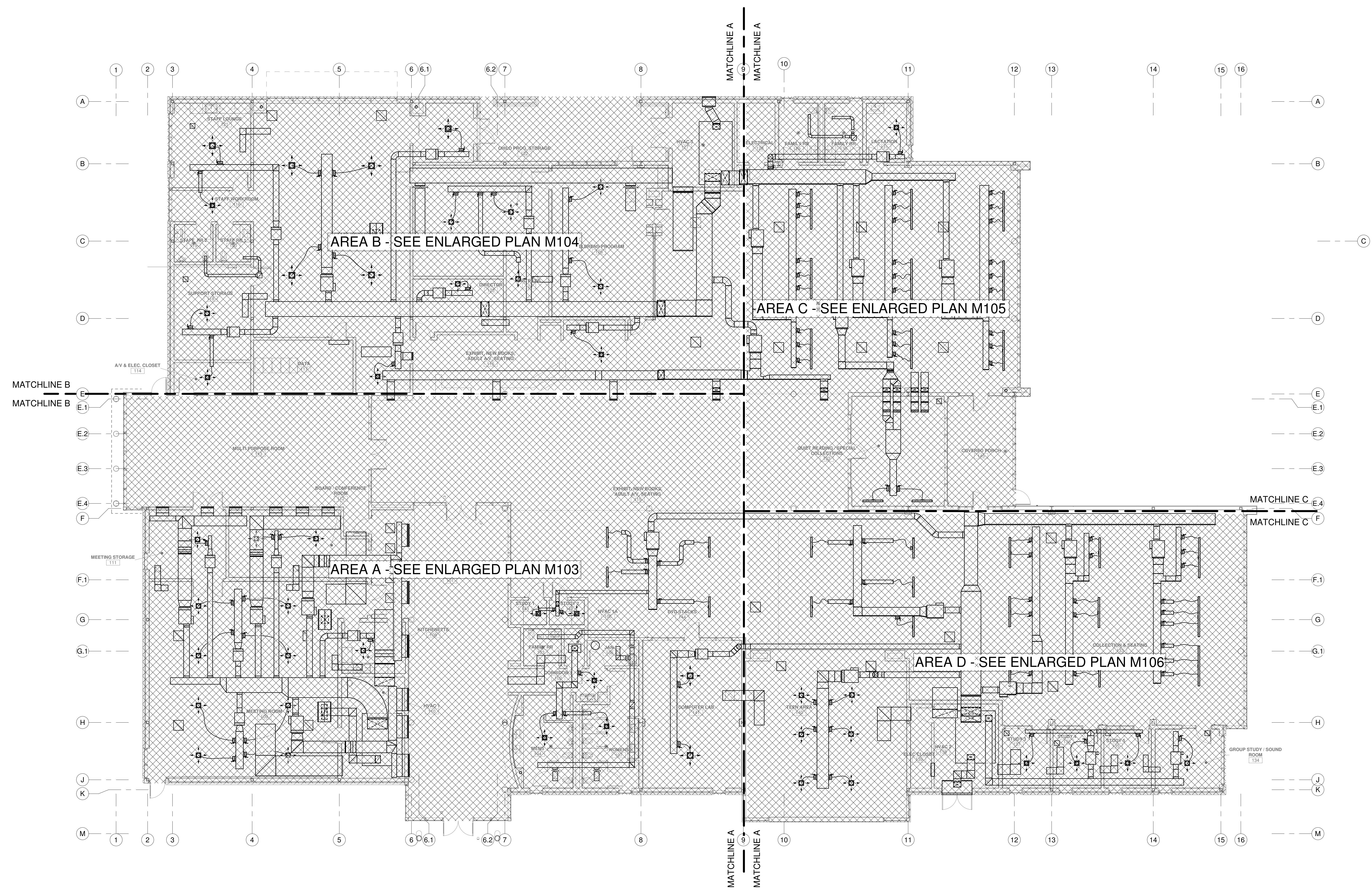
PERMIT DOCUMENTS

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|---|--------------|------------|------------|
| DESIGNED BY | DCC | CHECKED BY | DCC |
| DRAWN BY | GVT | DATE | 05.05.2023 |
| SHEET TITLE CHILLER PAD AND CW PIPING PLAN | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | M101 |
| | ABM - 201813 | | |

THESE PLANS HAVE BEEN PREPARED UNDER MY CLOSE PERSONAL SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, THEY COMPLY WITH CITY PARISH REQUIREMENTS. I AM NOT GENERALLY ADMINISTERING THE WORK, BUT NOT TO THE EXTENT THAT WILL ELIMINATE THE NEED FOR CITY PARISH INSPECTIONS.

[Signature]

GVA ENGINEERING, L.L.C.
 PROJECT No. 3931



AREA B - SEE ENLARGED PLAN M104

AREA C - SEE ENLARGED PLAN M105

AREA A - SEE ENLARGED PLAN M103

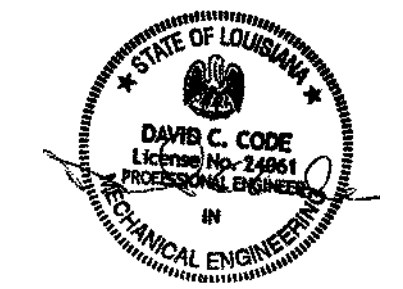
AREA D - SEE ENLARGED PLAN M106

HVAC
OVERALL FLOOR PLAN
 SCALE: 1/8" = 1'-0"



| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |

KEY PLAN



5-5-23

Mathes Brierre + **MBM**
 ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
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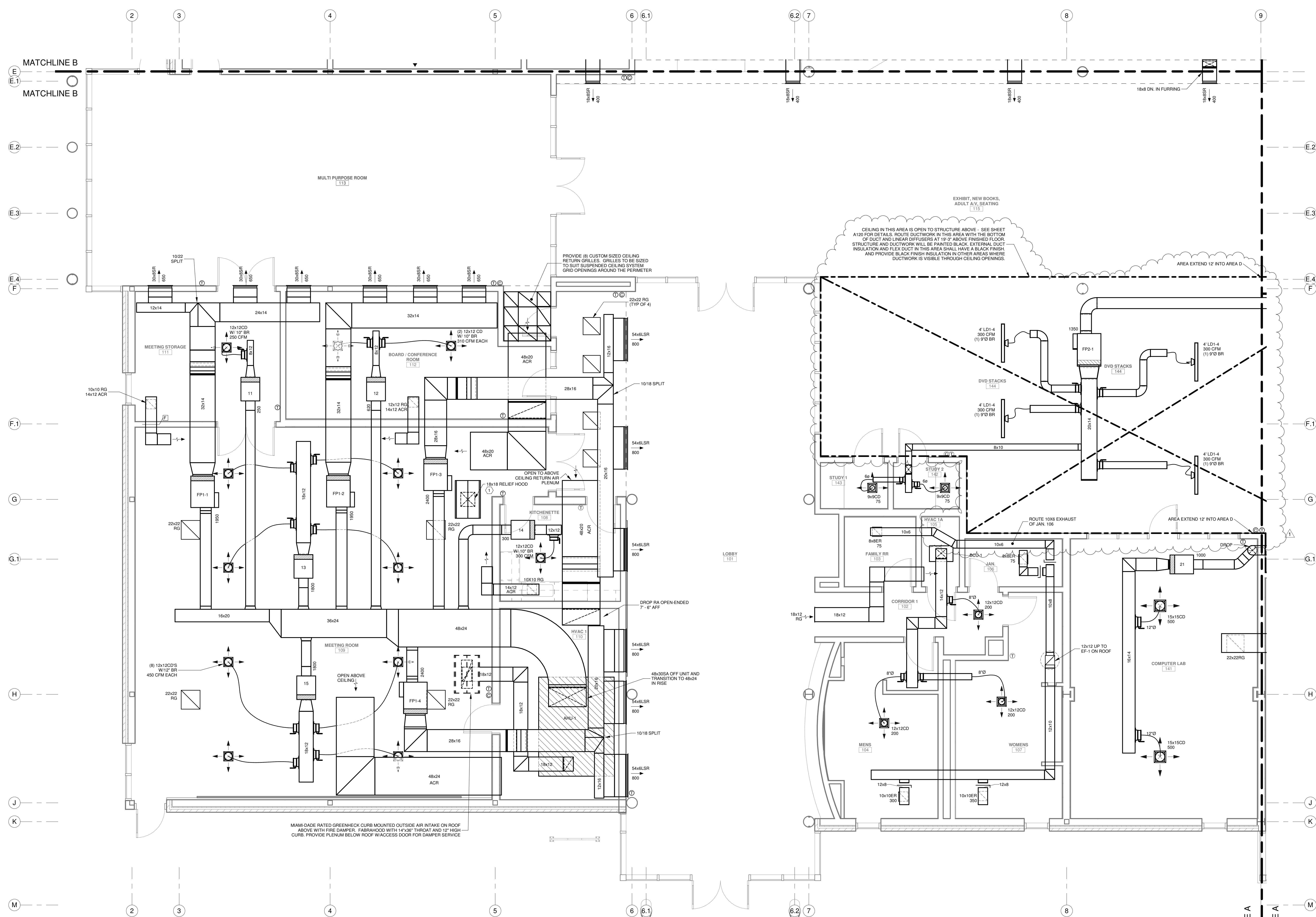
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| DESIGNED BY | DCC | CHECKED BY | DCC |
| DRAWN BY | GVT | DATE | 05.05.2023 |

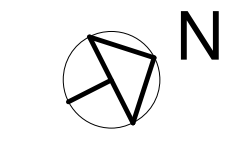
SHEET TITLE
OVERALL FLOOR PLAN - HVAC

| | |
|--------------|-----------|
| PROJECT NO. | SHEET NO. |
| MBA - 11884 | M102 |
| ABM - 201813 | |

GVA ENGINEERING, L.L.C.
 PROJECT No. 3931



HVAC
ENLARGED PARTIAL FLOOR PLAN - AREA A
 SCALE: 1/4" = 1'-0"



CEILING IN THIS AREA IS OPEN TO STRUCTURE ABOVE - SEE SHEET A130 FOR DETAILS. ROUTE DUCTWORK IN THIS AREA WITH THE BOTTOM OF DUCT AND LINEAR DIFFUSERS AT 18" ABOVE FINISHED FLOOR. STRUCTURE AND DUCTWORK WILL BE PAINTED BLACK. EXTERNAL DUCT INSULATION AND FLEX DUCT IN THIS AREA SHALL HAVE A BLACK FINISH. AND PROVIDE BLACK FINISH INSULATION IN OTHER AREAS WHERE DUCTWORK IS VISIBLE THROUGH CEILING OPENINGS.

PROVIDE (8) CUSTOM SIZED CEILING RETURN GRILLES. GRILLES TO BE SIZED TO SUIT SUSPENDED CEILING SYSTEM. GRID OPENINGS AROUND THE PERIMETER.

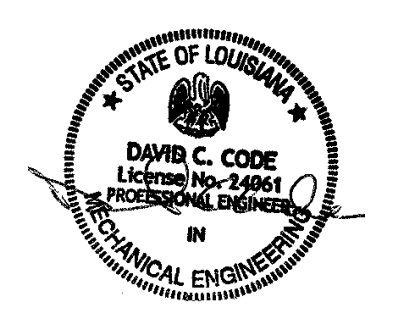
MIAMI-DADE RATED GREENHECK CURB MOUNTED OUTSIDE AIR INTAKE ON ROOF ABOVE WITH FIRE DAMPER. FABRHOOD WITH 14"x36" THROAT AND 12" HIGH CURB. PROVIDE PLENUM BELOW ROOF W/ACCESS DOOR FOR DAMPER SERVICE.

SPECIFIC NOTES:

- 1 PROVIDE MIAMI-DADE RATED GREENHECK CURB MOUNTED RELIEF HOOD ON ROOF ABOVE. FABRHOOD WITH 18"x18" THROAT AND 12" HIGH CURB. PROVIDE PLENUM BELOW WITH RATED SMOKE DAMPER & BAROMETRIC RELIEF DAMPER. SMOKE DAMPER SHALL BE INTERLOCKED TO OPEN & CLOSE WHEN AHU-1 STARTS & STOPS. PROVIDE RUSKIN MODEL CBS92 OR EQUAL COUNTERBALANCED BACKDRAFT DAMPER SET TO OPEN AT 0.15" STATIC.

| No. | Description | Date |
|-----|-----------------------------------|----------|
| 1 | CLARIFICATION OF EXPOSED DUCTWORK | 11/30/23 |

KEY PLAN



5-5-23

Mathes Briere + **BM**
 ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
 A JOINT VENTURE

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PROJECT TITLE

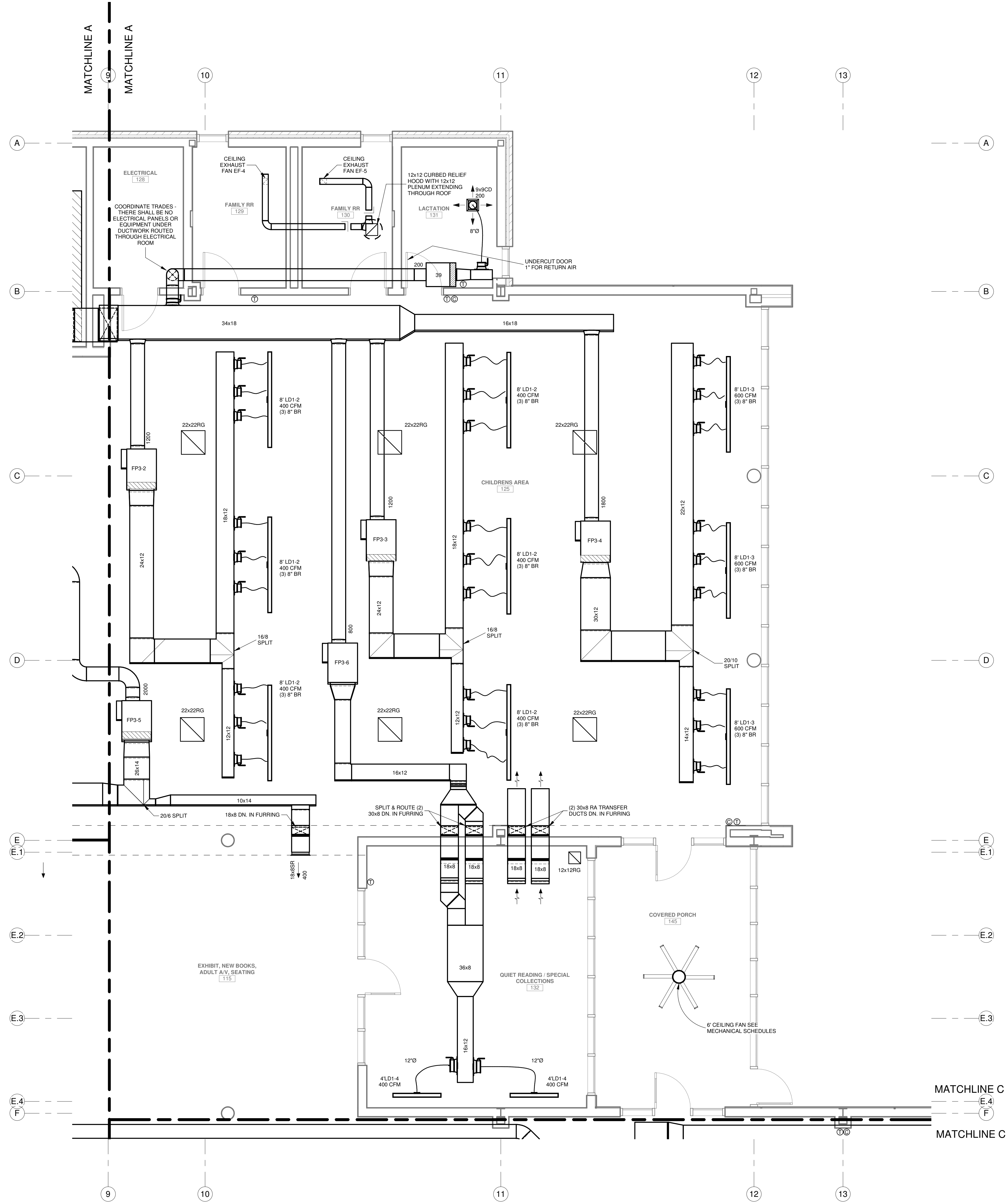
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| DESIGNED BY | DCC | CHECKED BY | DCC |
| DRAWN BY | BJT | DATE | 05.05.2023 |
| SHEET TITLE | | | |
| ENLARGED PARTIAL FLOOR PLAN - AREA A | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | M103 |
| PROJECT NO. | ABM - 201813 | | |

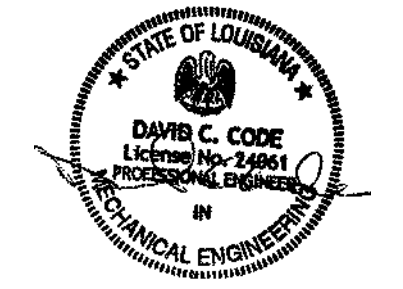
GVA ENGINEERING, L.L.C.
 PROJECT No. 3931



HVAC
ENLARGED PARTIAL FLOOR PLAN - AREA C
 SCALE: 1/4" = 1'-0"

| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |
| | | |

KEY PLAN



5-5-23

Mathes Brierre ARCHITECTS
 ARCHITECTS BEAZLEY MOLIÈRE
 A JOINT VENTURE

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PROJECT TITLE

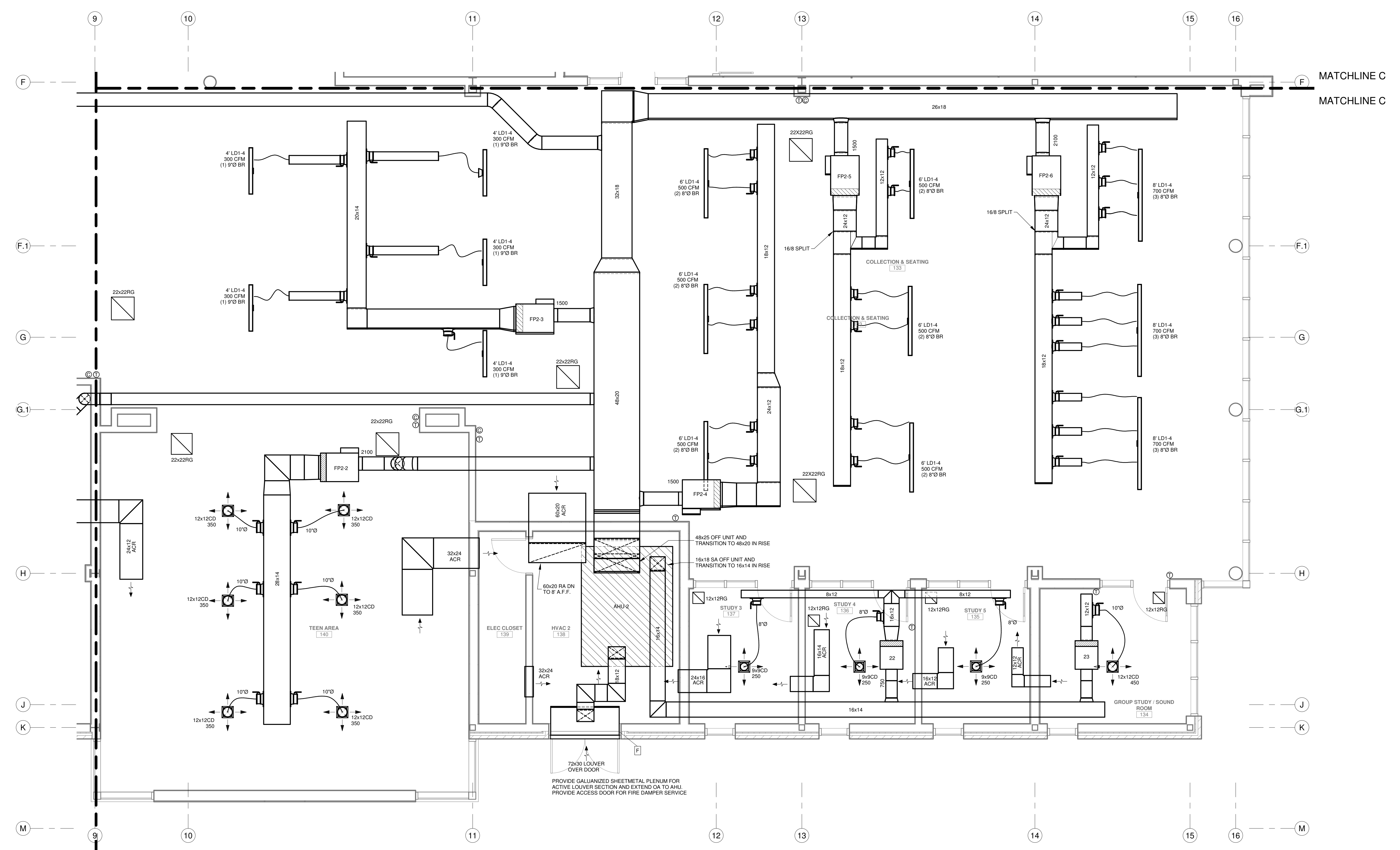
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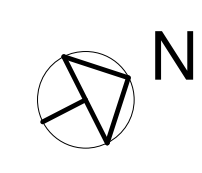
PERMIT DOCUMENTS

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|--------------------------------------|--------------|------------|------------|
| DESIGNED BY | DCC | CHECKED BY | DCC |
| DRAWN BY | BJT | DATE | 05.05.2023 |
| SHEET TITLE | | | |
| ENLARGED PARTIAL FLOOR PLAN - AREA C | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | M105 |
| PROJECT NO. | ABM - 201813 | | |

GVA ENGINEERING, L.L.C.
 PROJECT No. 3931

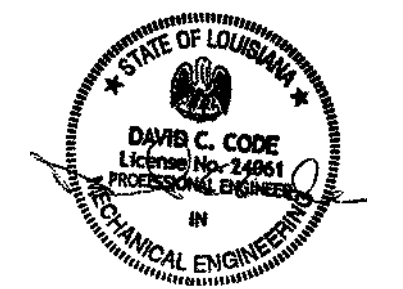


HVAC
ENLARGED PARTIAL FLOOR PLAN - AREA D
 SCALE: 1/4" = 1'-0"



| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |
| | | |

KEY PLAN



5-5-23

Mathes Briere + **ABM**
 ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
 A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
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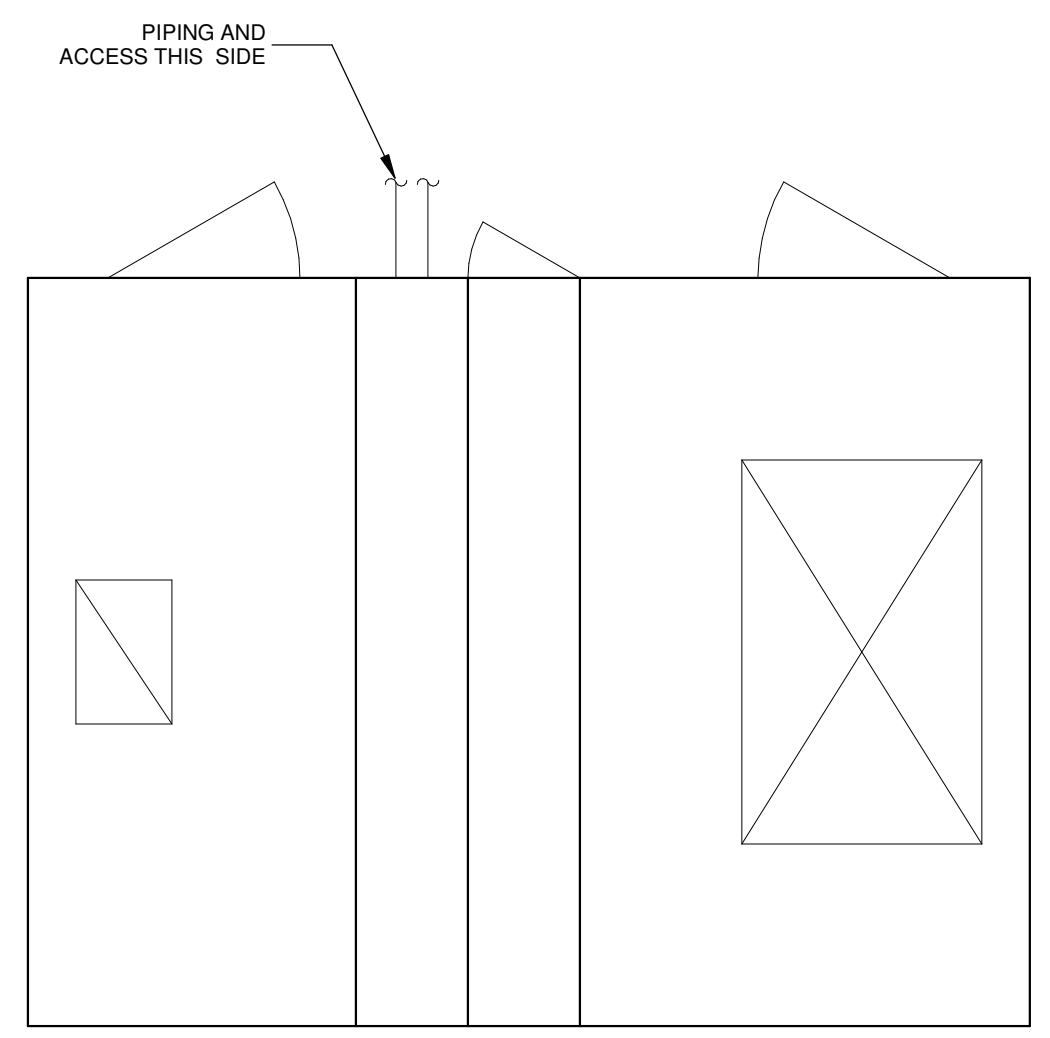
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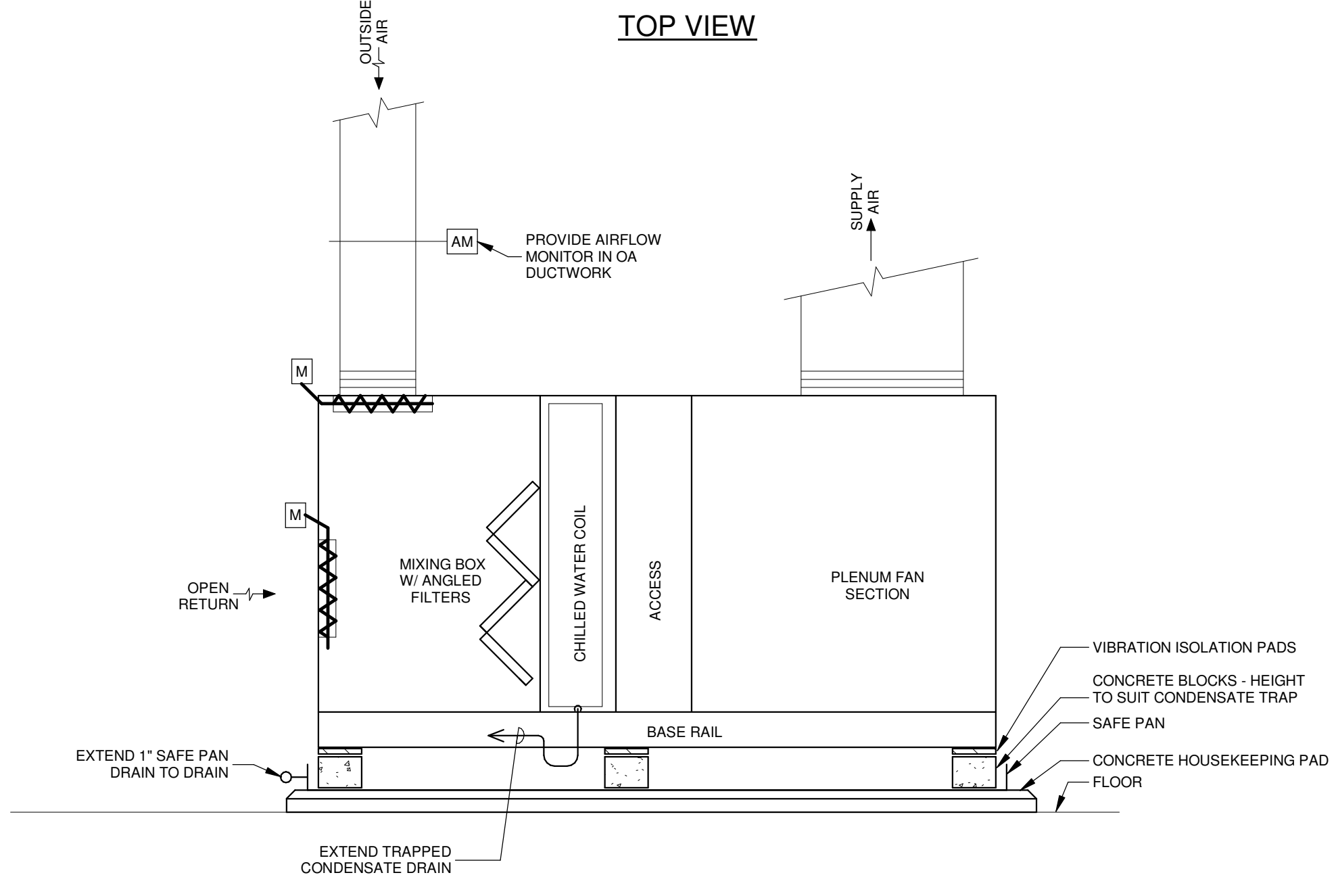
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|---|--------------|------------|------------|
| DESIGNED BY | DCC | CHECKED BY | DCC |
| DRAWN BY | BJT | DATE | 05.05.2023 |
| SHEET TITLE ENLARGED PARTIAL FLOOR PLAN - AREA D | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | M106 |
| | ABM - 201813 | | |

GVA ENGINEERING, L.L.C.
 PROJECT No. 3931

| MECHANICAL LEGEND | |
|-------------------|--|
| | NEW DUCTWORK, PIPING, EQUIPMENT |
| | CEILING DIFFUSER |
| | RETURN OR EXHAUST AIR GRILLE OR REGISTER |
| | BOX ID, BOX TYPE |
| | FAN POWERED VAV BOX |
| | VAV BOX |
| | PREINSULATED FLEXIBLE DUCT |
| | TRANSITION IN SIZE |
| | MANUAL VOLUME DAMPER |
| | MANUAL VOLUME DAMPER (MVD) |
| | THERMOSTAT |
| | CARBON DIOXIDE SENSOR |
| | FIRE DAMPER |
| | SMOKE DAMPER |
| | MOTORIZED DAMPER |
| | SPECIFIC NOTE |
| | RETURN GRILLE |
| | FIRE DAMPER |
| | CEILING DIFFUSER |
| | VARIABLE AIR VOLUME |
| | RETURN AIR |
| | SUPPLY AIR |
| | SUPPLY REGISTER |
| | LINEAR SUPPLY REGISTER |
| | OUTSIDE AIR |
| | ABOVE CEILING RETURN (TRANSFER DUCT) |
| | EXHAUST FAN |
| | ABOVE FINISHED FLOOR |
| | CHILLED WATER SUPPLY & RETURN |



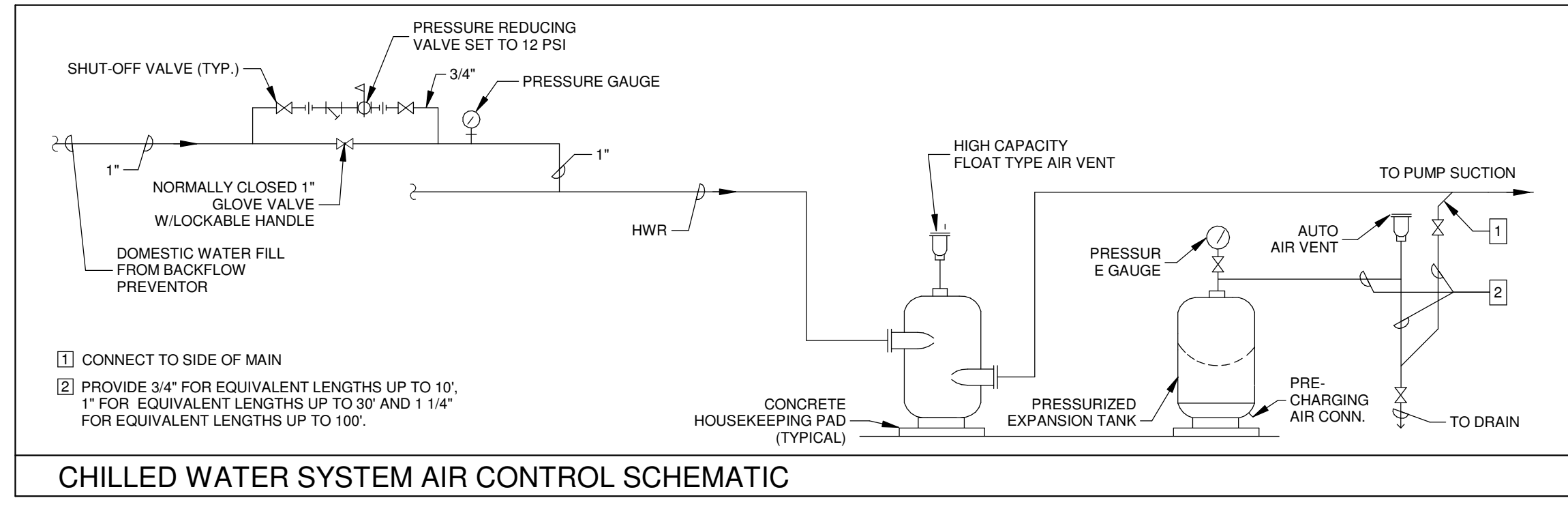
TOP VIEW



SIDE VIEW

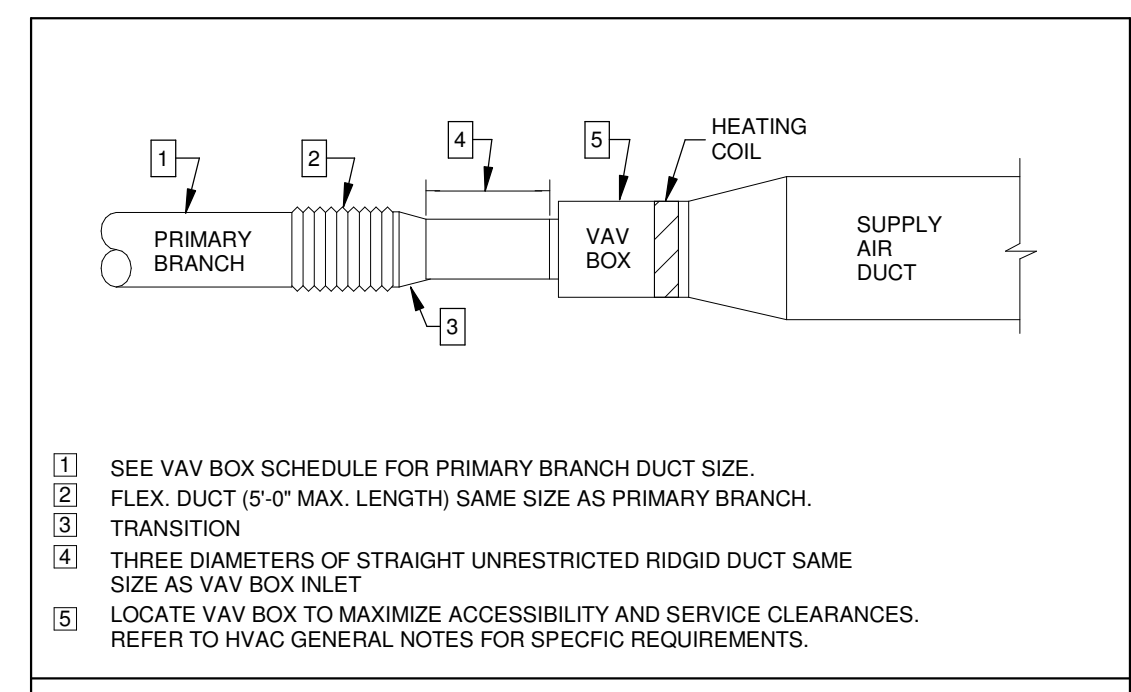
AIR HANDLING UNIT AHU-1 (AHU-2 SIMILAR) AHU-1 INSTALLATION SCHEMATIC

NOT TO SCALE



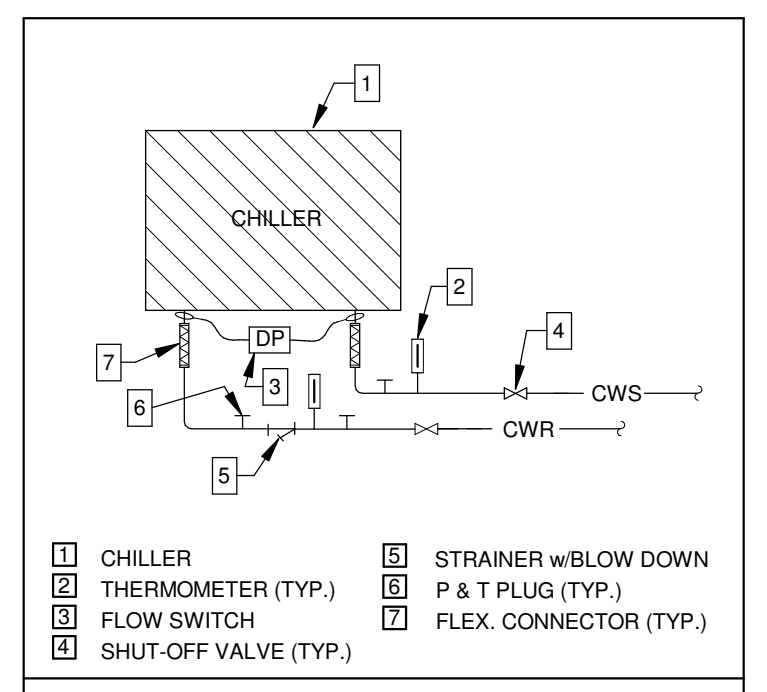
CHILLED WATER SYSTEM AIR CONTROL SCHEMATIC

EQUIVALENT LENGTHS UP TO 30' AND 1 1/4" FOR EQUIVALENT LENGTHS UP TO 100'

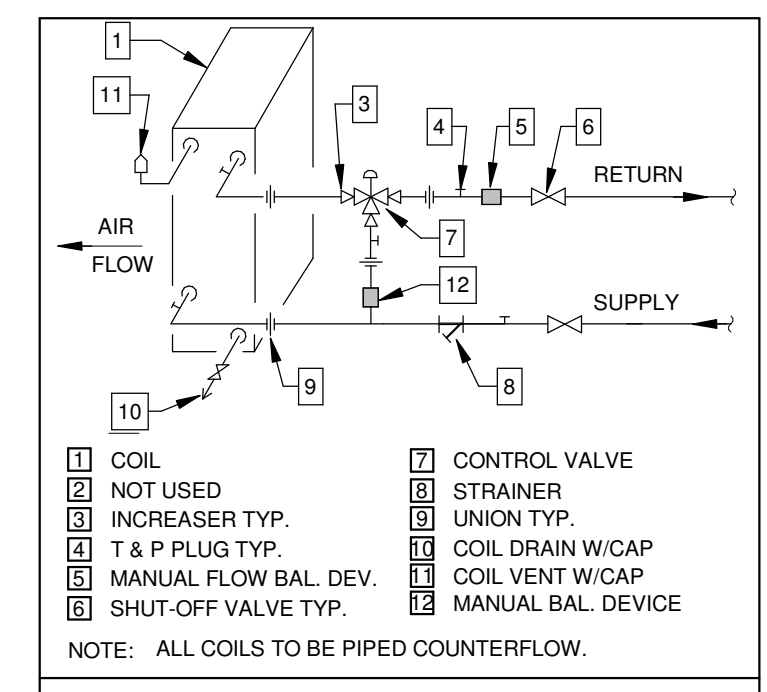


VAV BOX

FIELD COORDINATE RIGHT VS LEFT HAND CONFIGURATION FOR EACH BOX BEFORE RELEASING FOR FABRICATION.



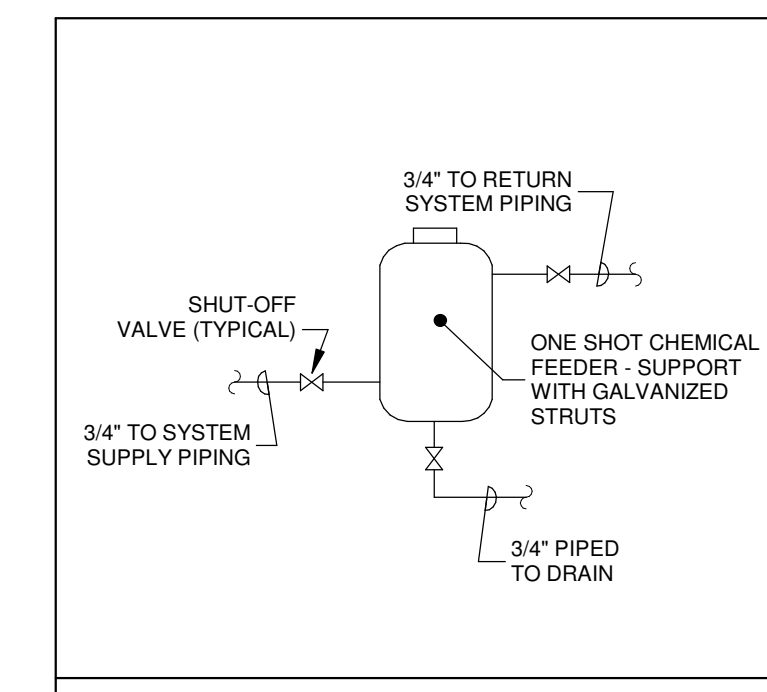
AIR COOLED CHILLER



CHILLED WATER COIL

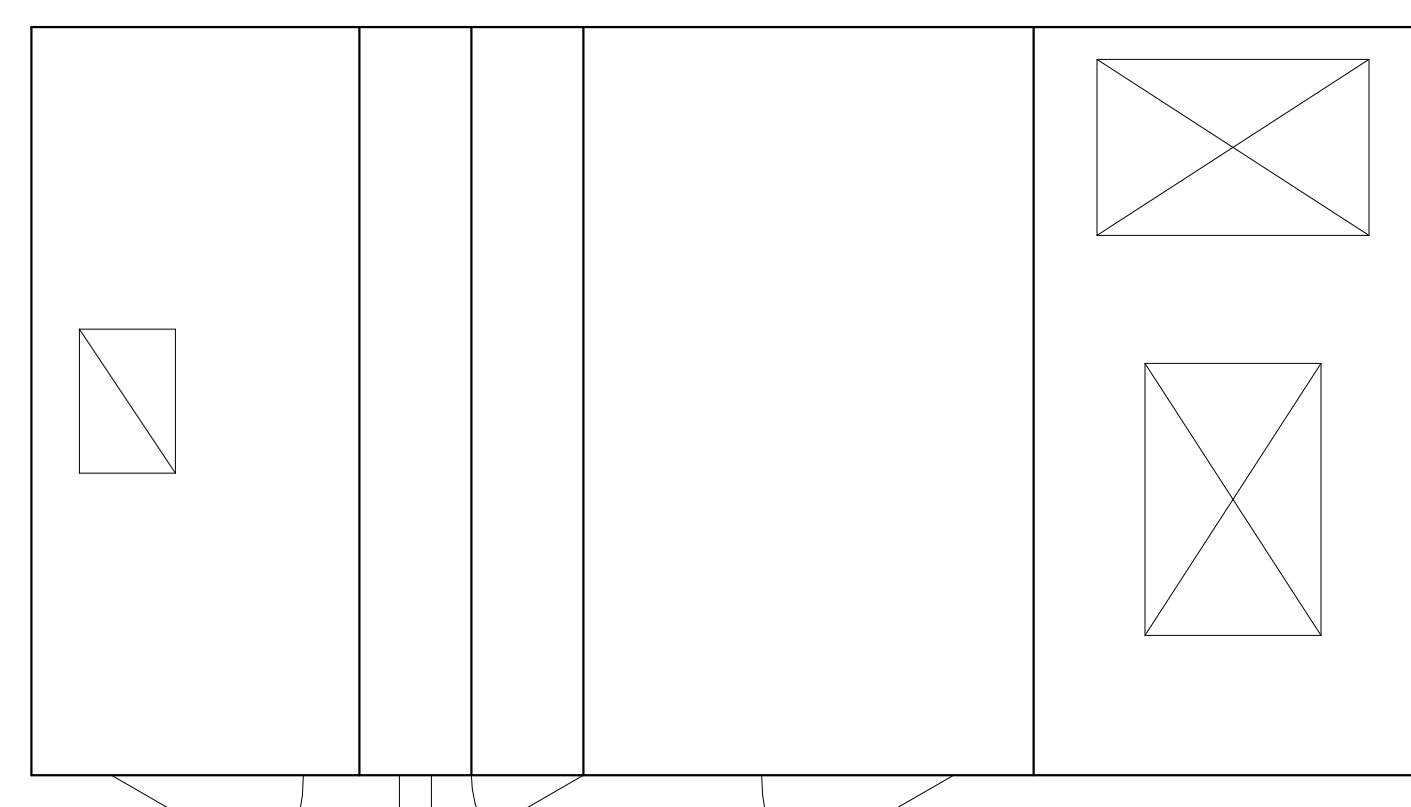
PIPING SHALL BE ARRANGED WITH UNIONS OR FLANGES FOR COIL PULL AND FOR CONTROL VALVE SERVICE. ADD UNIONS OR FLANGES IF NECESSARY TO MEET BOTH REQUIREMENTS.

WHERE MULTI-SECTION COILS ARE USED, PROVIDE FULL SIZE HEADER WITH FLOW BALANCING VALVES IN BRANCH RETURN PIPING FOR EACH COIL.

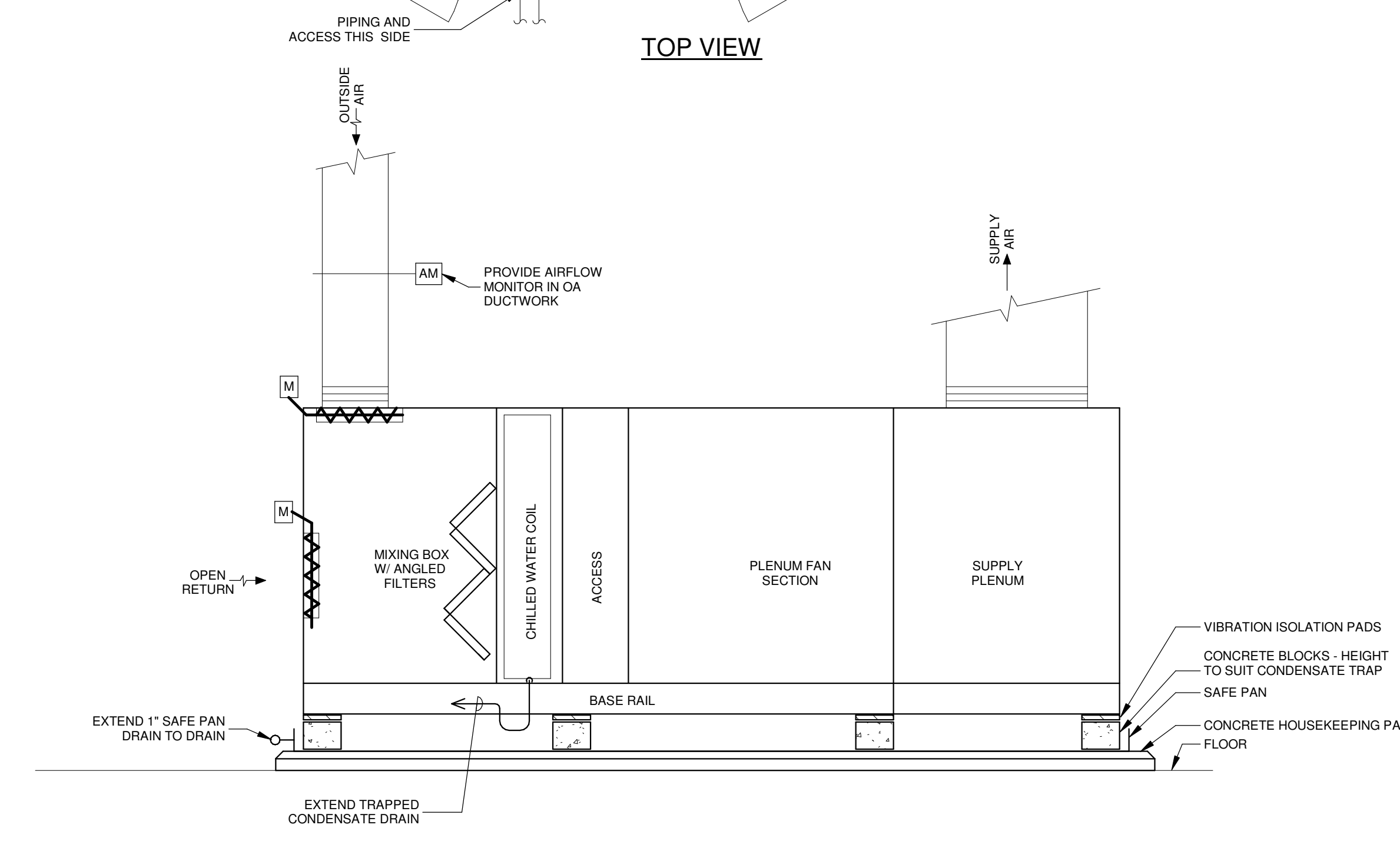


CHEMICAL SHOT FEEDER

PROVIDE A CHEMICAL SHOT FEEDER ACROSS CWS&R MAINS AT CHILLER PAD.



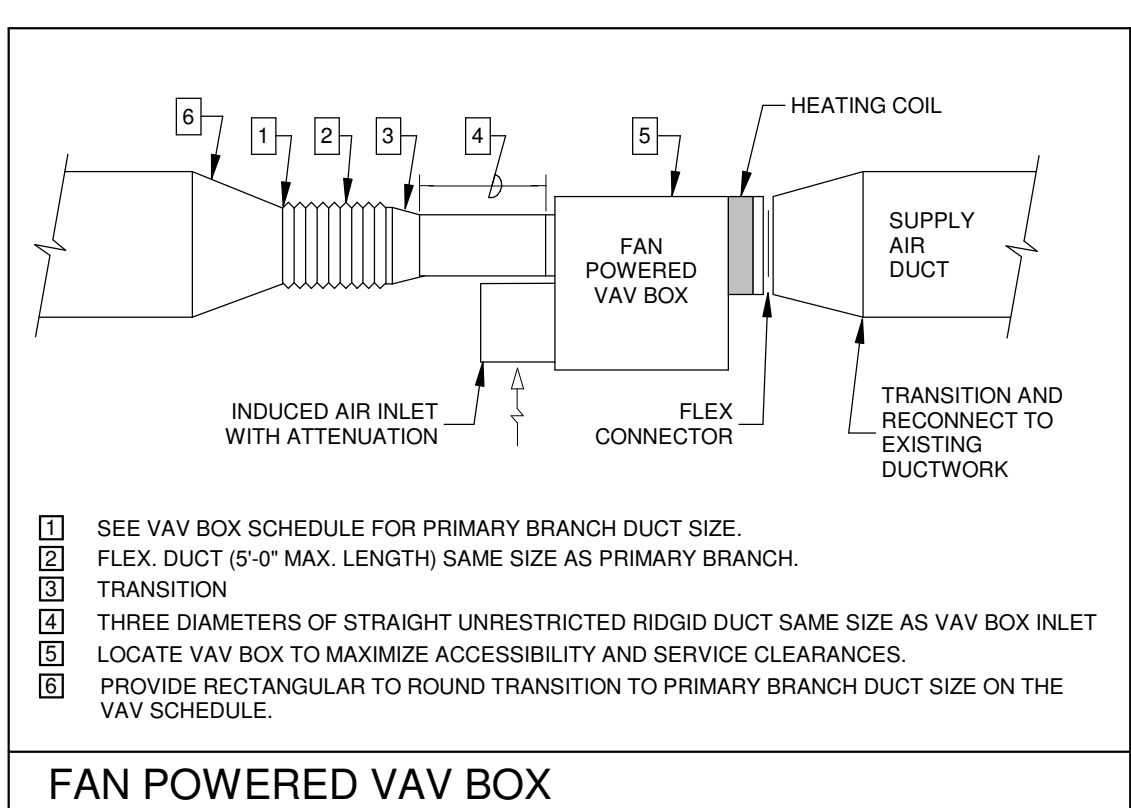
TOP VIEW



SIDE VIEW

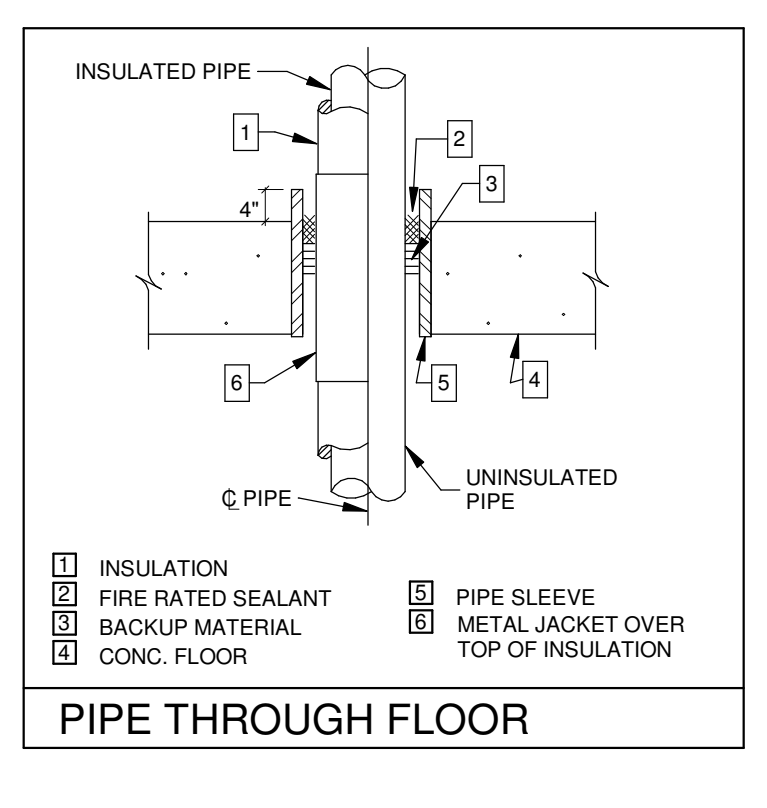
AIR HANDLING UNIT AHU-3 AHU-3 INSTALLATION SCHEMATIC

NOT TO SCALE

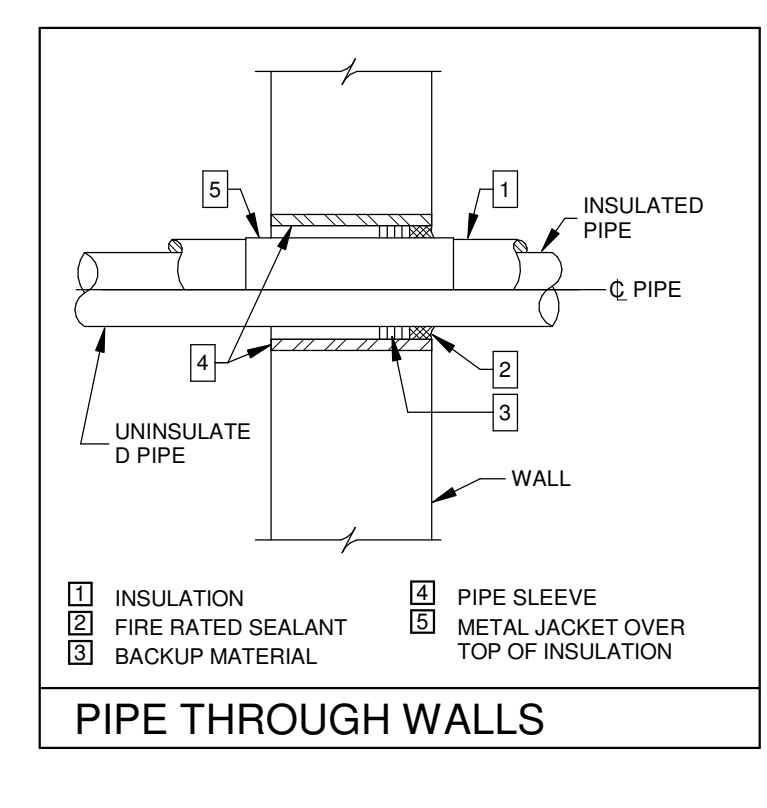


FAN POWERED VAV BOX

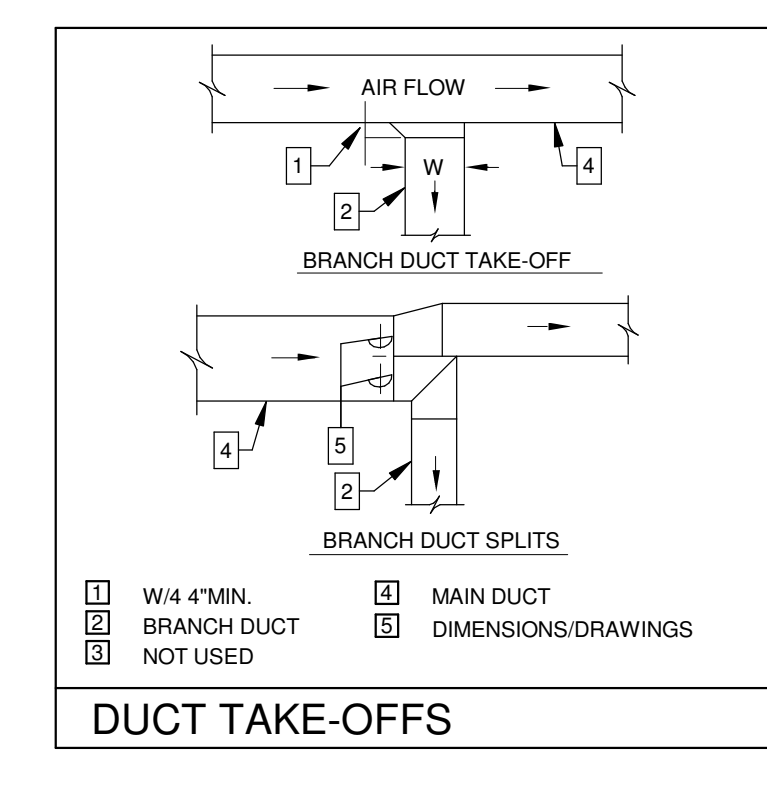
FIELD COORDINATE RIGHT VS LEFT HAND CONFIGURATION OF EACH VAV BOX BEFORE RELEASING FOR FABRICATION.



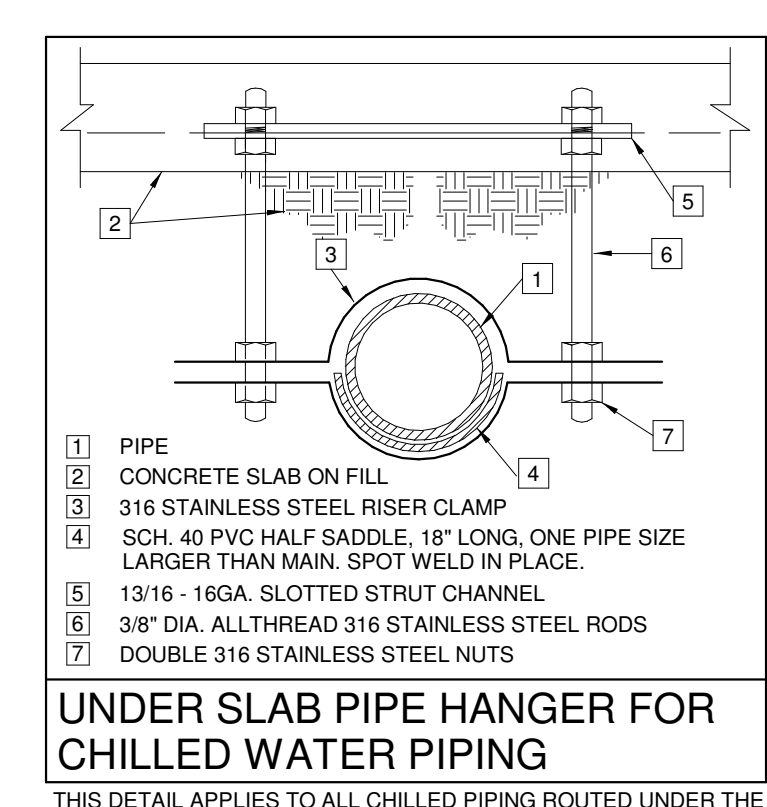
PIPE THROUGH FLOOR



PIPE THROUGH WALLS

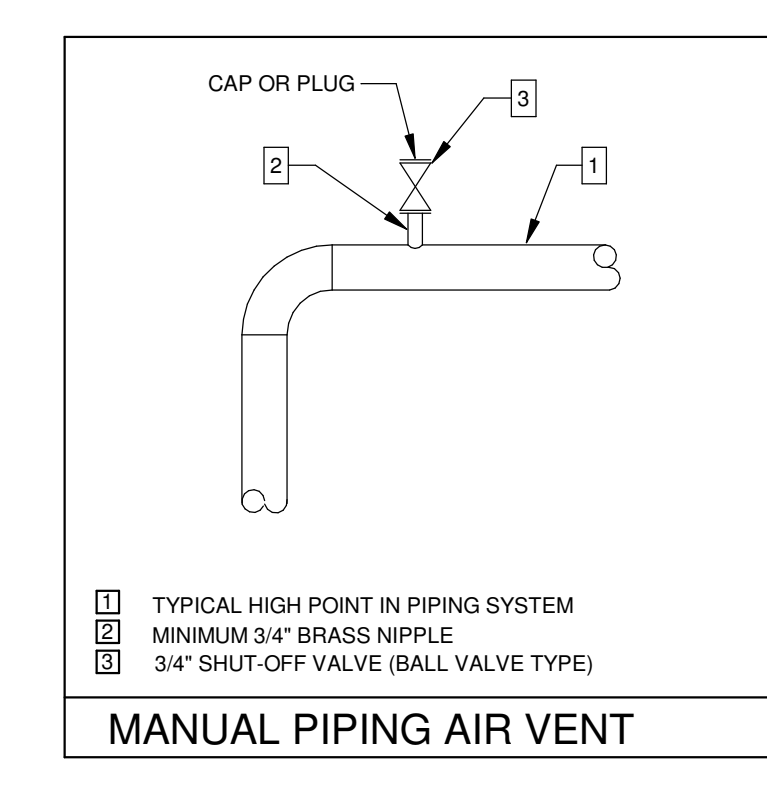


DUCT TAKE-OFFS

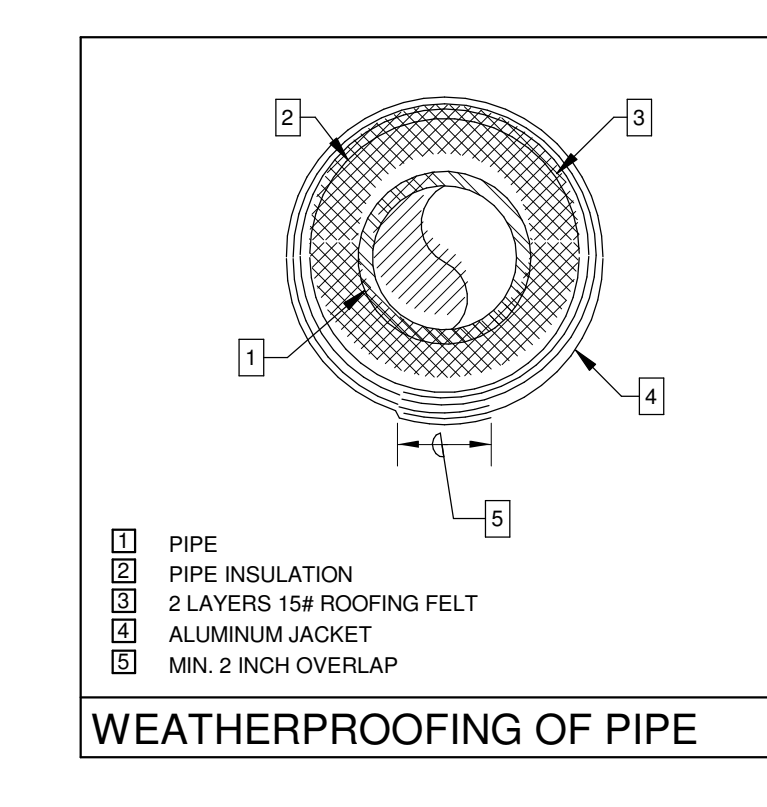


UNDER SLAB PIPE HANGER FOR CHILLED WATER PIPING

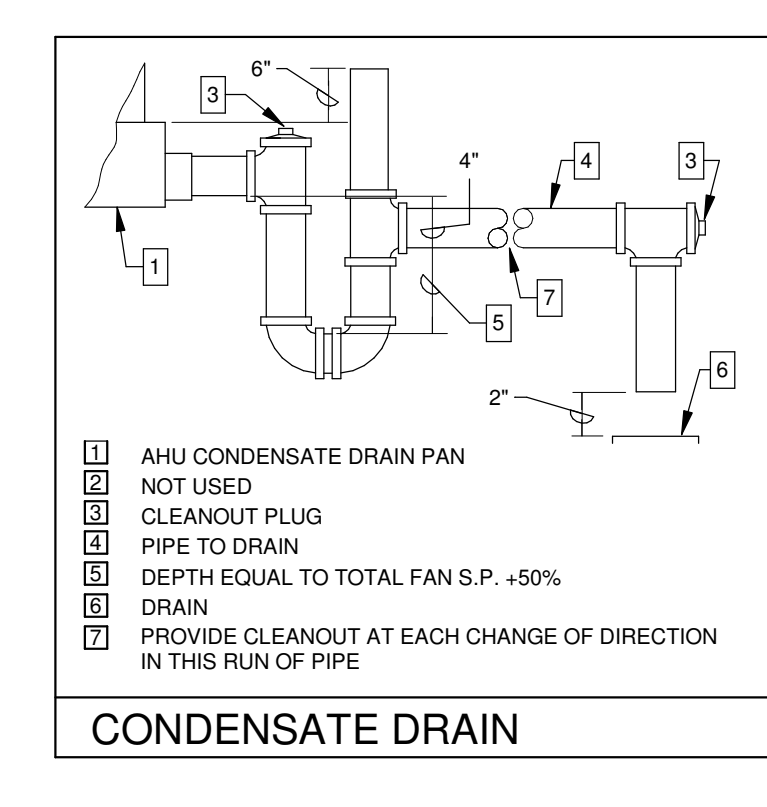
THIS DETAIL APPLIES TO ALL CHILLED PIPING ROUTED UNDER THE BUILDING SLAB. PROVIDE A HANGER WITHIN 12" OF WHERE PIPING PENETRATES THE SLAB, WITHIN 12" OF ALL FITTINGS AND THEN SPACED NOT MORE THAN 4'-0" ON CENTERS.



MANUAL PIPING AIR VENT



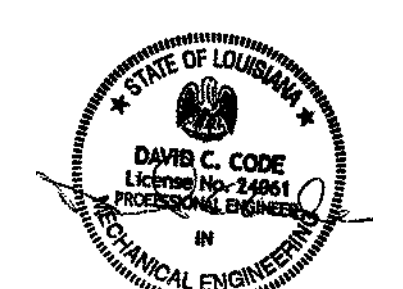
WEATHERPROOFING OF PIPE



CONDENSATE DRAIN

| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |

KEY PLAN



5-5-23

Mathes Briere ARCHITECTS **JBM** ARCHITECTS BEAZLEY MOLIÈRE A JOINT VENTURE

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| DRAWN BY | GVT | DATE | 05.05.2023 |

SHEET TITLE
HVAC DETAILS

| | | | |
|--------------|-------------|-----------|------|
| PROJECT NO. | MBA - 11884 | SHEET NO. | M201 |
| ABM - 201813 | | | |

GVA ENGINEERING, L.L.C.
PROJECT No. 3931

| DUCTLESS SPLIT INDOOR UNITS | | | |
|-----------------------------|----------------------------------|----------------|--|
| UNIT | UNIT NUMBER | DHS-1 | |
| | TYPE | HIGH SIDEWALL | |
| | MANUFACTURER | MITSUBISHI | |
| | MODEL NUMBER | PKA-2447 | |
| BLOWER | MOTOR POWER | 56 WATTS | |
| | VOLTAGE/PHASE | 208/1 | |
| | TOTAL CAPACITY (MBH) | 24 | |
| COOLING | SENSIBLE CAPACITY (MBH) | 18.5 | |
| | ENTERING AIR DB (°F) | 80 | |
| | ENTERING AIR WB (°F) | 67 | |
| HEAT PUMP | HEATING CAPACITY (MBH) | - | |
| UNIT ELECTRICAL | SINGLE POINT CONNECTION | YES | |
| | POWER INPUT (VOLTAGE/PHASE/AMPS) | 208/1/56 WATTS | |

ALL INDOOR UNITS SHALL HAVE AN INTEGRAL CONDENSATE PUMP AND LIFT CONDENSATE HIGH ENOUGH ABOVE THE CEILING TO ALLOW FOR SLOPING OF CONDENSATE DRAIN PIPING.

PROVIDE PROGRAMMABLE SPACE THERMOSTAT FOR EACH INDOOR UNIT. THERMOSTAT SHALL BE ELECTRONIC WALL TYPE WITH AUTOMATIC HEATING/COOLING CHANGEOVER AND 7-DAY SCHEDULING. ALSO PROVIDE CONTROL DEVICES REQUIRED FOR COMMUNICATION BETWEEN INDIVIDUAL SYSTEM COMPONENTS.

PROVIDE ALL NECESSARY CONTROLS FOR INTEGRATION WITH THE EMCS SYSTEM.

THE EQUIPMENT AND CONTROL SYSTEM SUBMITTALS SHALL BE PREPARED AND THEN SHALL BE SUBMITTED AS A SINGLE PACKAGE. THESE SUBMITTALS SHALL DEMONSTRATE THAT ALL OF THE LABOR MATERIALS, COMPONENTS AND APPOINTANCES ARE PROVIDED FOR A COMPLETE AND PROPERLY OPERATING SYSTEM HEATING CAPACITY BASED ON 70°F INDOOR AIR AND 47°F OUTDOORS.

POWER FOR INDOOR UNIT SHALL BE ROUTED FROM ASSOCIATED CONDENSING UNIT.

| DUCTLESS SPLIT CONDENSING UNIT SCHEDULE (OUTDOOR UNITS) | | | |
|---|-----------------------------------|-------|--|
| CONDENSING UNIT NUMBER | CU-1 | | |
| MATCHED UNIT | DHS-1 | | |
| MANUFACTURER | MITSUBISHI | | |
| TYPE | MINI SPLIT | | |
| REFRIGERANT TYPE | R-410A | | |
| MODEL NUMBER | PUY-A2AN47 | | |
| OPERATING WEIGHT (LBS) | 200 | | |
| AMBIENT TEMP. (°F) | 95 | | |
| COMPRESSOR DATA | NUMBER | 1 | |
| | LOW AMBIENT CONTROLS | YES | |
| ACCESSORIES | CAPACITY REDUCTION | YRF | |
| | COIL HALI GUARDS | YES | |
| UNIT ELECTRICAL | VOLTAGE/PHASE | 208/1 | |
| | MINIMUM CIRCUIT AMPS (MCA) | 19 | |
| | MAX OVER CURRENT PROTECTION (MOP) | 26 | |

THE EQUIPMENT MANUFACTURER SHALL PROVIDE DETAILS OF REFRIGERANT PIPING FOR EACH SYSTEM BASED ON FIELD CONDITIONS AND ON INSTALLED LENGTHS. DETAILS SHALL INCLUDE SIZES, SLOPE, TRAPS, FITTINGS AND OTHER REQUIREMENTS FOR STRICT CONFORMANCE WITH THE MANUFACTURER'S INSTALLATION REQUIREMENTS.

THE EQUIPMENT MANUFACTURER SHALL PROVIDE A FACTORY TRAINED REPRESENTATIVE TO PROVIDE START-UP AND TESTING OF DUCTLESS SPLIT SYSTEMS.

PROVIDE FIELD INSTALLED REFRIGERANT ACCESSORIES TO FORM A COMPLETE SYSTEM.

CONDENSING UNITS SHALL BE FACTORY WIRED FOR SINGLE POINT POWER CONNECTION.

PROVIDE 5 YEAR WARRANTY ON COMPRESSORS.

PROVIDE WITH HALI GUARDS.

UNIT SHALL BE SUITABLE FOR OUTDOOR AMBIENT TEMPERATURE FROM -40°F TO 115°F.

| FAN POWERED VAV BOX SCHEDULE | | | | | | | | | | | | | | | | |
|--|-----------|-----------|------------|------------|-----------|----------|------------|------------|------------|------------|------------|-----------|-----------|----------|-----------|-----------|
| BOX TYPE | FP1-1 | FP1-2 | FP1-3 | FP1-4 | FP1-5 | FP1-6 | FP1-7 | FP1-8 | FP1-9 | FP1-10 | FP1-11 | FP1-12 | FP1-13 | FP1-14 | FP1-15 | FP1-16 |
| MANUFACTURER | TITUS | TITUS | TITUS | TITUS | TITUS | TITUS | TITUS | TITUS | TITUS | TITUS | TITUS | TITUS | TITUS | TITUS | TITUS | TITUS |
| MODEL | DTFS-F | DTFS-F | DTFS-F | DTFS-F | DTFS-F | DTFS-F | DTFS-F | DTFS-F | DTFS-F | DTFS-F | DTFS-F | DTFS-F | DTFS-F | DTFS-F | DTFS-F | DTFS-F |
| TYPE (FAN CONFIGURATION) | SERIES | SERIES | SERIES | SERIES | SERIES | SERIES | SERIES | SERIES | SERIES | SERIES | SERIES | SERIES | SERIES | SERIES | SERIES | SERIES |
| UNIT SIZE | E | E | G | G | E | E | E | E | E | E | D | D | E | E | C | C |
| INLET SIZE (INCHES) | 14 | 14 | 16 | 16 | 14 | 16 | 14 | 14 | 14 | 14 | 12 | 12 | 14 | 16 | 10 | 10 |
| PRIMARY DUCT SIZE (INCHES) | 16 | 16 | 18 | 18 | 16 | 18 | 16 | 16 | 16 | 16 | 14 | 14 | 16 | 18 | 12 | 12 |
| MAX PRIMARY AIR CFM | 1950 | 1950 | 2400 | 2400 | 1350 | 2100 | 1500 | 1500 | 1500 | 1500 | 1800 | 1200 | 1800 | 2000 | 800 | 800 |
| MIN PRIMARY AIR CFM | 450 | 450 | 580 | 580 | 450 | 580 | 450 | 450 | 450 | 450 | 325 | 325 | 450 | 580 | 230 | 230 |
| DOWNSTREAM STATIC PRESSURE (IN WG) | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 |
| FAN CFM | 1950 | 1950 | 2400 | 2400 | 1350 | 2100 | 1500 | 1500 | 1500 | 1500 | 1800 | 1200 | 1800 | 2000 | 800 | 800 |
| FAN EXTERNAL STATIC (IN WG) | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 |
| FAN HORSEPOWER | 3/4 | 3/4 | 1 | 1 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 1/2 | 1/2 | 3/4 | 3/4 | 1/3 | 1/3 |
| HEATING COIL CFM | 1950 | 1950 | 2400 | 2400 | 1350 | 2100 | 1500 | 1500 | 1500 | 1500 | 1800 | 1200 | 1800 | 2000 | 800 | 800 |
| ELECTRIC HEAT KW/VOLTAGE/PHASE | 8.5/480/3 | 8.5/480/3 | 11.5/480/3 | 11.5/480/3 | 7.0/480/3 | 13/480/3 | 10.5/480/3 | 10.5/480/3 | 10.5/480/3 | 10.5/480/3 | 17.0/480/3 | 5.5/480/3 | 4.0/277/1 | 13/480/3 | 5.0/480/3 | 5.0/277/1 |
| ELECTRIC HEAT CONTROL STEPS | SCR | SCR | SCR | SCR | SCR | SCR | SCR | SCR | SCR | SCR | SCR | SCR | SCR | SCR | SCR | SCR |
| MAX UNIT NC LEVEL (RADIATED/DISCHARGE) | 41/38 | 41/38 | 48/37 | 48/37 | 32/29 | 42/44 | 34/31 | 34/31 | 34/31 | 34/31 | 34/31 | 31/28 | 31/28 | 38/36 | 41/43 | 27/24 |

EACH UNIT SHALL BE FACTORY WIRED FOR SINGLE POINT ELECTRICAL FIELD CONNECTION FOR FAN, CONTROLS & ELECTRIC HEAT.

PROVIDE A ECM FAN MOTOR WITH FULLY PROGRAMMABLE FAN CONTROLLER.

CONTROLS SHALL BE DIRECT DIGITAL CONTROL (DDC) TYPE. PROVIDE EACH BOX WITH FACTORY MOUNTED CONTROL POWER TRANSFORMER AND MULTI-POINT INLET VELOCITY SENSOR WITH CENTER AVERAGING. FULLY COORDINATE WITH WORK DESCRIBED IN CONTROL SPECIFICATION SECTION PRIOR TO BIDDING. COORDINATE TRADES TO PROVIDE A COMPLETE AND FULLY OPERATIONAL CONTROL SYSTEM WITHOUT DUPLICATION BETWEEN TRADES. ALL CONTROL DEVICES SHALL BE FACTORY MOUNTED.

ALL NC LEVELS SHALL BE DETERMINED USING AHRI 885-2008 APPENDIX E. PROVIDE SOUND NC CALCULATIONS WITH THE VAV BOX SUBMITTAL.

WHERE SCR IS SHOWN FOR HEATER CONTROL STEPS, PROVIDE FULL MODULATING SCR HEATER CONTROLS.

CASING SHALL BE MINIMUM OF 20 GAUGE GALVANIZED STEEL WITH NON-POROUS, SEALED LINER. EDGES OF INSULATION SHALL BE SEALED FROM THE AIRSTREAM.

CASING SHALL HAVE BOTTOM ACCESS PANEL FOR SERVING WITHOUT DISTURBING DUCT CONNECTIONS

| VAV BOX SCHEDULE | | | | | | | | | | | | | | | | | |
|--------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| BOX DESIGNATION | VAV-11 | VAV-12 | VAV-13 | VAV-14 | VAV-15 | VAV-21 | VAV-22 | VAV-23 | VAV-31 | VAV-32 | VAV-33 | VAV-34 | VAV-35 | VAV-36 | VAV-37 | VAV-38 | VAV-39 |
| MANUFACTURER | TITUS | TITUS | TITUS | TITUS | TITUS | TITUS | TITUS | TITUS | TITUS | TITUS | TITUS | TITUS | TITUS | TITUS | TITUS | TITUS | TITUS |
| MODEL NUMBER | DESV | DESV | DESV | DESV | DESV | DESV | DESV | DESV | DESV | DESV | DESV | DESV | DESV | DESV | DESV | DESV | DESV |
| INLET SIZE (INCH) | 5 | 8 | 14 | 6 | 14 | 14 | 9 | 7 | 8 | 7 | 5 | 8 | 5 | 9 | 5 | 5 | 5 |
| PRIMARY AIR BRANCH DUCT (INCH) | 7 | 10 | 16 | 8 | 16 | 12 | 12 | 9 | 10 | 9 | 7 | 10 | 7 | 12 | 7 | 7 | 7 |
| MAX COOLING CFM | 250 | 620 | 1800 | 300 | 1800 | 1000 | 750 | 450 | 600 | 445 | 250 | 600 | 250 | 750 | 800 | 200 | 200 |
| MIN COOLING CFM | 65 | 145 | 450 | 80 | 450 | 230 | 175 | 105 | 145 | 105 | 65 | 145 | 65 | 175 | 65 | 65 | 65 |
| HEATING CFM | 125 | 210 | 600 | 150 | 600 | 350 | 250 | 225 | 300 | 220 | 300 | 300 | 125 | 375 | 265 | 100 | 125 |
| ENTERING AIR TEMP °F | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 |
| LEAVING AIR TEMP °F | 85 | 85 | 87 | 85 | 87 | 86.3 | 92.5 | 96.7 | 88.8 | 88.3 | 95.7 | 85.2 | 85.0 | 85.7 | 86.2 | 92.5 | 92.5 |
| CAPACITY(KW) | 1.2 | 2.0 | 6.1 | 1.5 | 6.1 | 3.5 | 3.0 | 3.0 | 4.2 | 2.2 | 2.6 | 2.9 | 1.2 | 3.6 | 2.6 | 1.0 | 1.5 |
| CONTROL STEPS | SCR | SCR | SCR | SCR | SCR | SCR | SCR | SCR | SCR | SCR | SCR | SCR | SCR | SCR | SCR | SCR | SCR |
| VOLTAGE / PHASE | 277/1 | 277/1 | 277/1 | 277/1 | 277/1 | 277/1 | 277/1 | 277/1 | 277/1 | 277/1 | 277/1 | 277/1 | 277/1 | 277/1 | 277/1 | 277/1 | 277/1 |

MAX. ROOM NC IS 30 @ 1.0 IN WG BASED ON 100B ROOM ABSORPTION, RE10-12 WATTS.

CONTROLS SHALL BE DIRECT DIGITAL CONTROL (DDC) TYPE. PROVIDE EACH BOX WITH FACTORY MOUNTED CONTROL POWER TRANSFORMER AND MULTI-POINT INLET VELOCITY SENSOR WITH CENTER AVERAGING. FULLY COORDINATE WITH WORK DESCRIBED IN CONTROL SPECIFICATION SECTION PRIOR TO BIDDING. COORDINATE TRADES TO PROVIDE A COMPLETE AND FULLY OPERATIONAL CONTROL SYSTEM WITHOUT DUPLICATION BETWEEN TRADES. ALL CONTROL DEVICES SHALL BE FACTORY MOUNTED.

CASING SHALL BE MINIMUM OF 22 GAUGE GALVANIZED STEEL WITH NON-POROUS, SEALED LINER. EDGES OF INSULATION SHALL BE SEALED FROM THE AIRSTREAM.

SCR HEATERS SHALL BE FULLY MODULATING TYPE.

| BLOWER COIL UNIT SCHEDULE | | | |
|---------------------------|---------------------------------|---------------------|--|
| UNIT | BLOWER COIL UNIT TYPE (BCU) | BCU-1 | |
| | MANUFACTURER | TRANE | |
| | MODEL | BCV0024 | |
| | TYPE | VERTICAL DRAW-THRU | |
| BLOWER | OPERATING WEIGHT | 450 | |
| | TOTAL CFM | 800 | |
| | OUTSIDE AIR CFM | 0 | |
| | EXTERNAL STATIC PRESS (INCH WG) | 0.75 | |
| | MOTOR HORSEPOWER | 1.2 | |
| | VOLTAGE/PHASE | 277/1 | |
| | MCA | 31.78 | |
| | MAX FUSE SIZE | 35 | |
| | TOTAL CAPACITY (MBH) | 19.85 | |
| | SENSIBLE CAPACITY (MBH) | 18.3 | |
| | ENTERING AIR DB (°F) | 75 | |
| COOLING | ENTERING AIR WB (°F) | 62.5 | |
| | GPM | 3 | |
| | ENTERING WATER TEMP (°F) | 45.54 | |
| | MAX WATER PRESS DROP (FEET WG) | 10 | |
| | MIN ROWS | 6 | |
| | COIL POSITION | REHEAT | |
| HEATING | TYPE | ELECTRIC | |
| | KW/VOLTAGE/PHASE | 6.5/277/1 | |
| | NUMBER OF CONTROL STEPS | 2 | |
| ACCESSORIES | FILTER RACK | YES-2" FLAT MERV 11 | |
| | CHILLED WATER | 1" | |
| | HOT WATER | - | |
| | CONDENSATE DRAIN | 1" | |

EACH BLOWER COIL UNIT SHALL BE FACTORY WIRED FOR SINGLE POINT FIELD CONNECTION FOR FAN, HEATER AND CONTROLS AND SHALL BE EQUIPPED WITH AN INTEGRAL MOTOR CONTACTOR, INTEGRAL ELECTRICAL DISCONNECT SWITCH AND MOTOR THERMAL OVERLOAD PROTECTION.

| FAN SCHEDULE | | | |
|------------------------------|--------------------|---------------------------------|-----------------|
| FAN NUMBER | EF-1 | EF-2, 3, 4 & 5 | |
| LOCATION | ROOF | SEE PLAN | |
| AREA SERVED | TOILETS & JAN. | TOILET ROOM | |
| MANUFACTURER | GREENHECK | GREENHECK | |
| MODEL NUMBER | G-101-A | SP-A110 | |
| TYPE | CENTRIFUGAL ROOF | CEILING | |
| TYPE OF DRIVE | BELT | DIRECT | |
| CFM | 800 | 75 | |
| EXT STATIC PRESS (INCHES WG) | 0.375 | 0.25 | |
| MAX. SONES | 9 | 5 | |
| RPM | 1725 | 1400 | |
| MIN MOTOR HORSEPOWER | 1/4 | 49 WATTS | |
| VOLTAGE/PHASE | 115/1 | 115/1 | |
| ACCESSORIES | PREFAB ROOF CURB | YES | |
| | BACKDRAFT DAMPER | YES | |
| | THERMAL OVERLOADS | YES | |
| | DISCONNECT SWITCH | YES, EXTERNALLY MOUNTED NEMA 3R | |
| | ISOLATORS | -- | |
| | INTERLOCKED WITH | EMCS | MOTION DETECTOR |
| | SOL ST SPEED CONT. | -- | |
| | GRILLE | -- | YES |

SOLID STATE SPEED CONTROLLERS ARE INTENDED FOR BALANCING. MOUNT CONTROLLER TO FAN HOUSING AND PERMANENTLY MARK BALANCED POSITION.

| AIR HANDLING UNIT SCHEDULE | | | | |
|--------------------------------|------------------------------------|-----------------------|-----------------------|-----------------------|
| UNIT | AHU NUMBER (AHU) | AHU-1 | AHU-2 | AHU-3 |
| | TYPE | HORIZONTAL DRAW-THRU | VERTICAL DRAW-THRU | HORIZONTAL DRAW-THRU |
| | LOCATION | SEE PLAN | SEE PLAN | SEE PLAN |
| | MANUFACTURER | TRANE | TRANE | TRANE |
| | MODEL NUMBER | CSA030 | CSA030 | CSA030 |
| BLOWER | OPERATING WEIGHT (LBS) | 3500 | 3500 | 3500 |
| | TOTAL CFM | 12,000 | 11,000 | 11,000 |
| | OUTSIDE AIR CFM | 1,400 | 1,390 | 1,390 |
| | TOTAL STATIC PRESSURE (INCH WG) | 3.8 | 3.8 | 3.8 |
| | EXTERNAL STATIC PRESSURE (INCH WG) | 2.5 | 2.5 | 2.5 |
| | MOTOR HORSEPOWER | 15 | 15 | 15 |
| | VOLTAGE/PHASE | 460/3 | 460/3 | 460/3 |
| | TYPE BLOWER WHEEL | DD PLENUM | DD PLENUM | DD PLENUM |
| | TOTAL CAPACITY (MBH) | 418 | 410 | 410 |
| | SENSIBLE CAPACITY (MBH) | 321 | 311 | 311 |
| | ENTERING AIR DB (°F) | 77.3 | 78.6 | 78.6 |
| | ENTERING AIR WB (°F) | 64.2 | 65.2 | 65.2 |
| | LEAVING AIR DB (°F) | 52.9 | 52.9 | 52.9 |
| | LEAVING AIR WB (°F) | 51.8 | 52.6 | 52.6 |
| | GPM | 70 | 68 | 68 |
| | ENTERING / LEAVING WATER TEMP (°F) | 45/57 | 45/57 | 45/57 |
| | MAX COIL FACE VELOCITY (FPM) | 500 | 500 | 500 |
| | MAX AIR PRESS DROP (INCHES WG) | 1.0 | 1.0 | 1.0 |
| | MAX WATER PRESS DROP (FEET WG) | 10 | 10 | 10 |
| | MIN ROWS / MAX FMS PER INCH | 6/10 | 6/10 | 6/10 |
| | TYPE | 4" PLEATED | 4" PLEATED | 4" PLEATED |
| PRE FILTERS | EFFICIENCY (%) | MERV 13 | MERV 13 | MERV 13 |
| | FILTER BOX TYPE | ANGULAR FILTER MIXING | ANGULAR FILTER MIXING | ANGULAR FILTER MIXING |
| ACCESSORIES | ISOLATOR TYPE | INTERNAL SPRING | INTERNAL SPRING | INTERNAL SPRING |
| | CHILLED WATER | 3" | 3" | 3" |
| | HOT WATER | - | - | - |
| | CONDENSATE DRAIN | 1 1/4" | 1 1/4" | 1 1/4" |
| CUSTOM SIZED MOTORIZED DAMPERS | SUPPLY AIR OPENING | 48x30 TOP | 48x25 TOP & 16x18 TOP | 38x22 TOP & 34x22 TOP |
| | OUTSIDE AIR DAMPER (OPPOSED BLADE) | 18x12 TOP | 18x12 TOP | 18x12 TOP |
| | RETURN AIR DAMPER (OPPOSED BLADE) | 12 SQ FT REAR | 11 SQ FT REAR | 11 SQ FT REAR |

EXTERNAL STATIC PRESSURE INCLUDES 0.80 INCH W.G. MID-LIFE ALLOWANCE FOR PRE-FILTER LOSS, ADD PRESSURE FOR ALL AIR HANDLING UNIT COMPONENTS, PLENUM, DAMPERS, CASING LOSSES, AND ACCESSORIES TO DETERMINE TOTAL STATIC PRESSURE FOR FAN SELECTION.

PROVIDE A FULL HEIGHT ACCESS DOOR AT EACH SECTION OF AIR HANDLING UNITS ON THE PIPING SIDE ONLY.

PROVIDE INTEGRAL INTERNAL 120V MARINE LIGHTING IN FAN SECTIONS. PROVIDE FACTORY ON/OFF SWITCH IN JUNCTION BOX ON EXTERIOR OF UNIT WITH FACTORY WIRED LIGHTS AND RACEWAYS WITH PLUG CONNECTION AT EACH UNIT PLUIT.

PROVIDE PERFORATED LINER IN THE FAN SECTION AND DISCHARGE PLENUM.

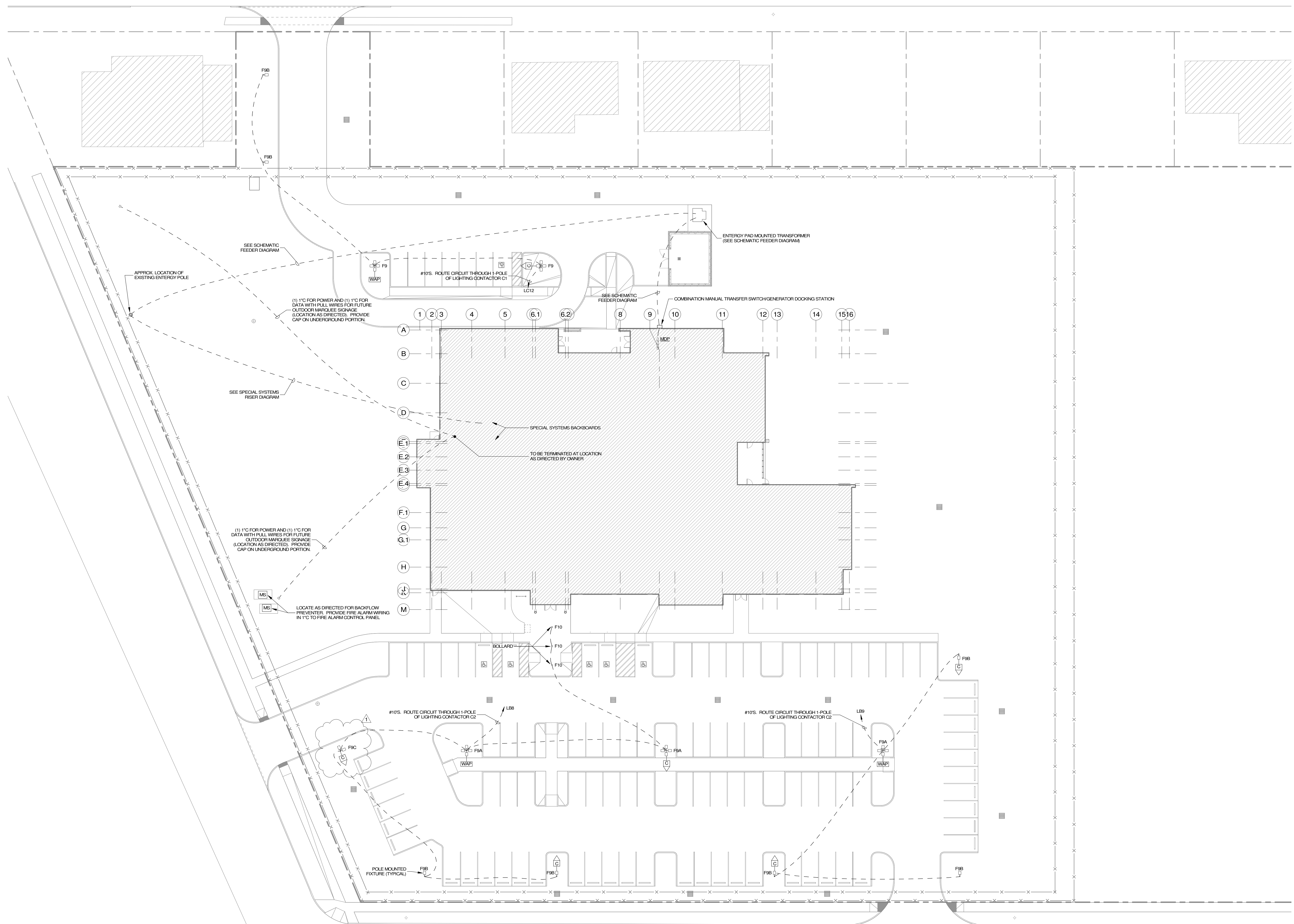
PROVIDE A KILL SWITCH ON PLENUM FAN ACCESS AND INLET ACCESS DOORS INTERLOCKED WITH FAN TO DE-ENERGIZE FAN AND ALLOW FAN TO STOP BEFORE DOOR CAN BE OPENED.

PROVIDE REPLACEMENT SHEAVES AND BELTS TO BALANCE AIR HANDLING UNITS TO DESIGN AIR FLOW WITH THE VARIABLE SPEED DRIVE (WHERE APPLICABLE) SET AT FULL SPEED.

AIR HANDLING UNITS SHALL BE DEMOUNTABLE TO FIT THROUGH BUILDING OPENINGS.

| VARIABLE SPEED DRIVE SCHEDULE | | |
|---|--------------|--|
| AIR HANDLING UNITS | AHU-1, 2 & 3 | |
| PROVIDE VARIABLE SPEED DRIVES FOR THE ABOVE SCHEDULED EQUIPMENT. SEE EQUIPMENT SCHEDULES FOR HORSEPOWER, VOLTAGE AND PHASE FOR EACH UNIT. | | |
| PROVIDE DUAL DRIVES FOR ALL DIRECT DRIVE FANS. | | |

| CEILING FANS | |
|--------------|-------------------|
| TYPE | 6" CEILING FAN |
| MANUFACTURER | MACRO AIR |
| MODEL | AIRVOLUTION-D-370 |
| TYPE | |



SITE PLAN - ELECTRICAL
 SCALE: 1" = 20'-0"

- NOTES:**
1. PROVIDE LIGHTING CONTACTOR C1 AT PANEL LC. PROVIDE TIME SWITCH AT PANEL LC AND CONNECT SO THAT IT CONTROLS LIGHTING CONTACTOR C1. USE CIRCUIT LRS29 FOR CONTROL.
 2. PROVIDE LIGHTING CONTACTOR C2 AT PANEL LB. USE CIRCUIT LRS35 FOR CONTROL.
 3. PROVIDE WIRING IN RACEWAY AS NECESSARY TO INTERCONNECT TIME SWITCH WITH LIGHTING CONTACTOR C1 AND C2 FOR COMMON CONTROL.
 4. WHERE WIRELESS ACCESS POINTS AND/OR CAMERAS ARE SHOWN OUTSIDE THE BUILDING, PROVIDE AN ADDITIONAL 1" CONDUIT (AND ASSOCIATED WIRING) RIGIDLY UNDERGROUND FROM POLE TO STUB UP AT NEAREST SPECIAL SYSTEMS BACKBOARD (LOCATION AS DIRECTED). COORDINATE EXACT LOCATION OF INSTALLATION OF ROUGH-IN WITH OWNER PRIOR TO ROUGH-IN.

THESE PLANS HAVE BEEN PREPARED UNDER MY CLOSE PERSONAL SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF THEY COMPLY WITH CITY PARISH REQUIREMENTS. I AM NOT GENERALLY ADMINISTERING THE WORK, BUT NOT TO THE EXTENT THAT WILL ELIMINATE THE NEED FOR CITY PARISH INSPECTIONS.

Jonathan R. Bernard

GVA ENGINEERING, L.L.C.
 PROJECT No. 3931

| No. | Description | Date |
|-----|----------------|----------|
| 1 | Change Order 1 | 07/28/23 |
| | | |
| | | |

KEY PLAN

5-5-23

Mathes Brierre + /BM
 ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
 A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
 Voice: 504.586.5003. Fax: 504.582.1305

300 Heymann Blvd.
 Lafayette, Louisiana 70503
 337.233.0614

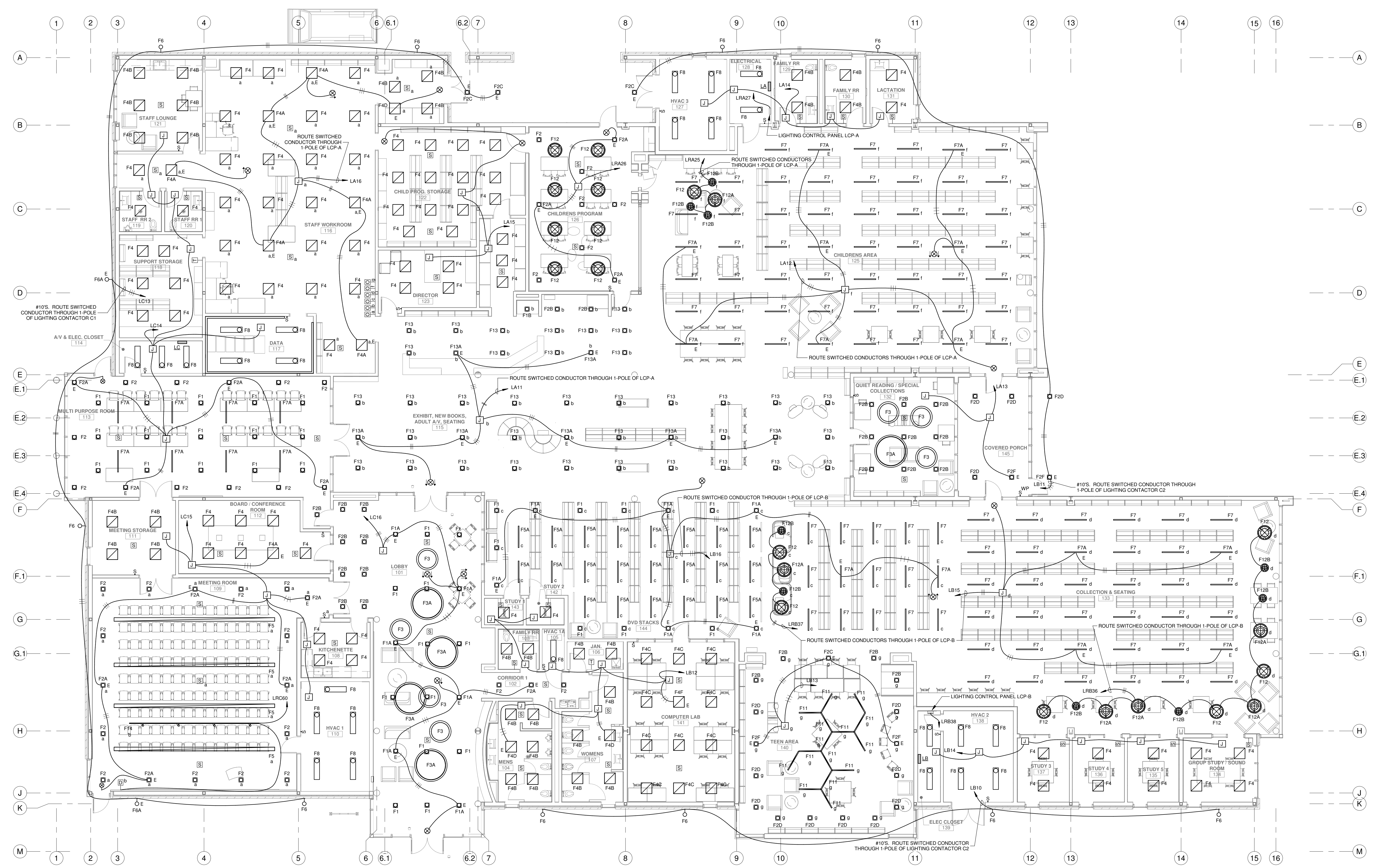
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|-------------|------------------------|------------|------------|
| DESIGNED BY | SAO | CHECKED BY | JRB |
| DRAWN BY | SAO | DATE | 05.05.2023 |
| SHEET TITLE | SITE PLAN - ELECTRICAL | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | E100 |
| | ABM - 201813 | | |



FLOOR PLAN - LIGHTING



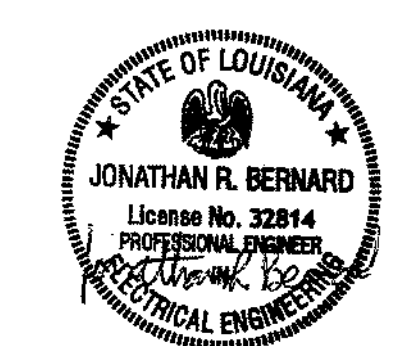
SCALE: 1/8" = 1'-0"

NOTES:

1. MAINTAIN A MINIMUM OF 24" SERVICE CLEARANCE ON THE LEFT SIDE, RIGHT SIDE, AND REAR OF EACH VAV BOX. THERE SHALL BE NO SPRINKLER HEADS, SPRINKLER PIPING, ELECTRICAL RACEWAYS, SPECIAL SYSTEM RACEWAYS, CONTROL RACEWAYS, CABLES, PIPING, OR ANY OTHER ITEMS INSTALLED IN THE SERVICE AREA EXCEPT FOR BRANCH PIPING AND RACEWAYS SERVING THE RESPECTIVE VAV BOX. COORDINATE TRADES.

| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |

KEY PLAN



5-5-23

Mathes Briere ARCHITECTS
ARCHITECTS BEAZLEY MOLIÈRE
A JOINT VENTURE

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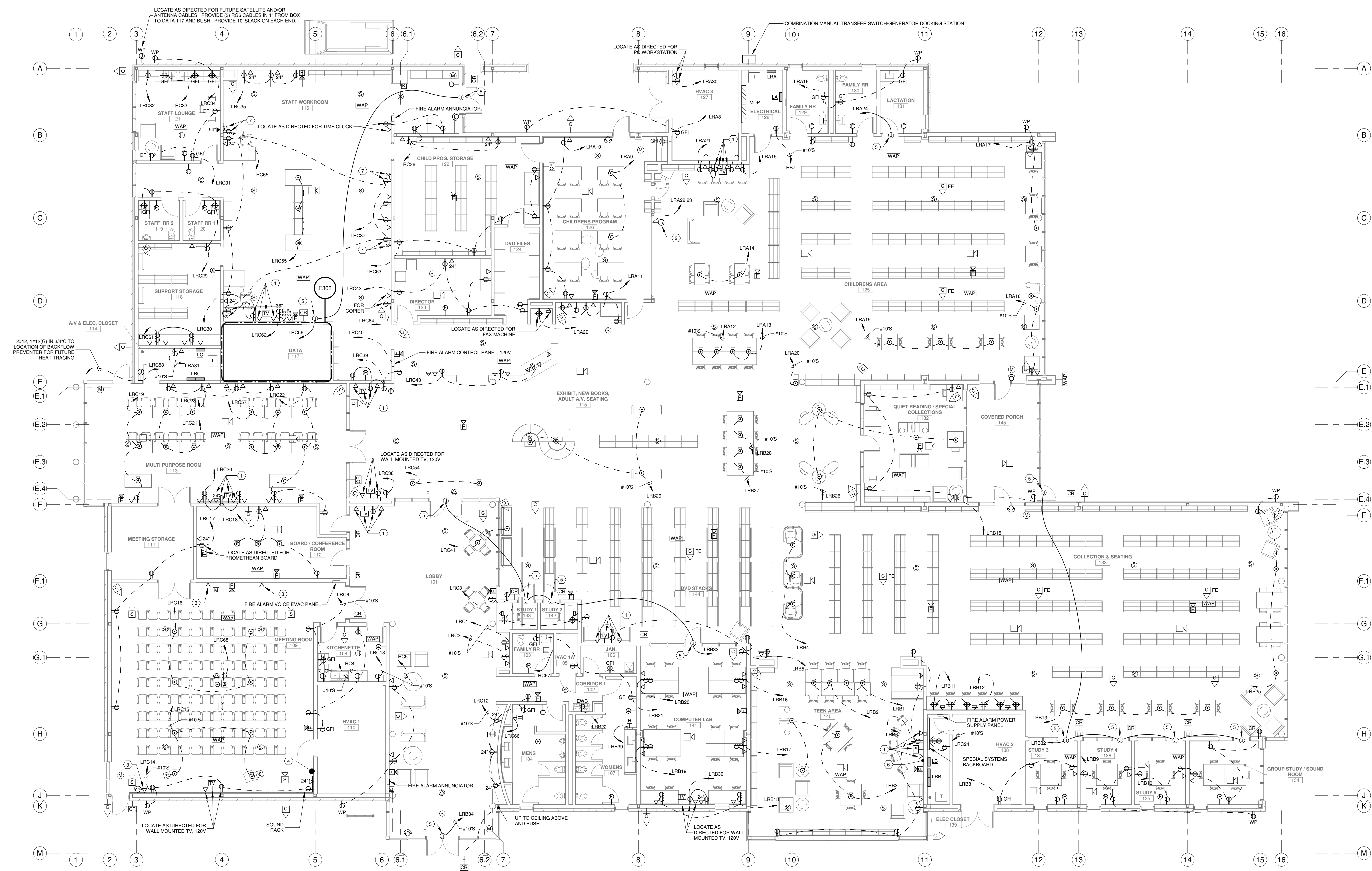
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| DESIGNED BY | SAO | CHECKED BY | JRB |
| DRAWN BY | SAO | DATE | 05.05.2023 |

SHEET TITLE
FLOOR PLAN - LIGHTING

| | | | |
|--------------|-------------|-----------|------|
| PROJECT NO. | MBA - 11884 | SHEET NO. | E101 |
| ABM - 201813 | | | |

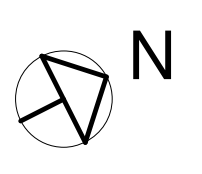
GVA ENGINEERING, L.L.C.
PROJECT No. 3931



FLOOR PLAN - POWER & SPECIAL SYSTEMS

SCALE: 1/8" = 1'-0"

NOTES:
 1. MAINTAIN A MINIMUM OF 24" SERVICE CLEARANCE ON THE LEFT SIDE, RIGHT SIDE, AND REAR OF EACH VAV BOX. THERE SHALL BE NO SPRINKLER HEADS, SPRINKLER PIPING, ELECTRICAL RACEWAYS, SPECIAL SYSTEM RACEWAYS, CONTROL RACEWAYS, CABLES, PIPING, OR ANY OTHER ITEMS INSTALLED IN THE SERVICE AREA EXCEPT FOR BRANCH PIPING AND RACEWAYS SERVING THE RESPECTIVE VAV BOX. COORDINATE TRADES.
 2. WHERE DEVICES ARE SHOWN ON WINDOWS, THEY SHALL BE INSTALLED ON THE NEAREST WINDOW MULLION WITH THE ASSOCIATED WIRING ROUTED THROUGH THE MULLION.

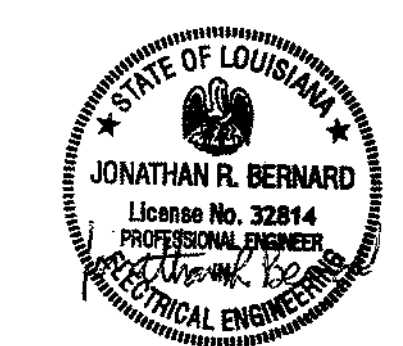


SPECIFIC NOTES:

- ① LOCATE AS DIRECTED FOR DISPLAY TV.
- ② LOCATE AS DIRECTED FOR VERTICAL LIFT WALL (2HP, 20V, 10). ROUTE CIRCUIT THROUGH A 20A, 2P TOGGLE SWITCH TO BE INSTALLED NEAR CONNECTION.
- ③ LOCATE APPROX. 1'-0" BELOW CEILING FOR REMOTE-CONTROLLED HDM CAMERA (BY OWNER).
- ④ LOCATE APPROX. 2'-0" AFF FOR HDMI, AUDIO JACKS, MICROPHONE CABLES, SPEAKER CABLES, ETC. COORDINATE EXACT LOCATION AND CONNECTION NEEDED WITH OWNER. PROVIDE 3'-2" WITH FULL WIRE BETWEEN SOUND RACK AND PROJECTOR.
- ⑤ LOCATE AS DIRECTED FOR DOOR HARDWARE AND CONNECT, 120V.
- ⑥ PROVIDE AN OUTLET BOX AT 18" AFF AND AN OUTLET BOX AT TV HEIGHT. PROVIDE A 2" WITH PULL WIRE FOR OWNER SUPPLIES CABLES BETWEEN EACH LOCATION.
- ⑦ LOCATE AS DIRECTED FOR PLUG-IN CUBICLES WITH LED LIGHTS.

| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |

KEY PLAN



5-5-23

Mathes Briere ARCHITECTS
 ARCHITECTS BEAZLEY MOLIÈRE
 A JOINT VENTURE

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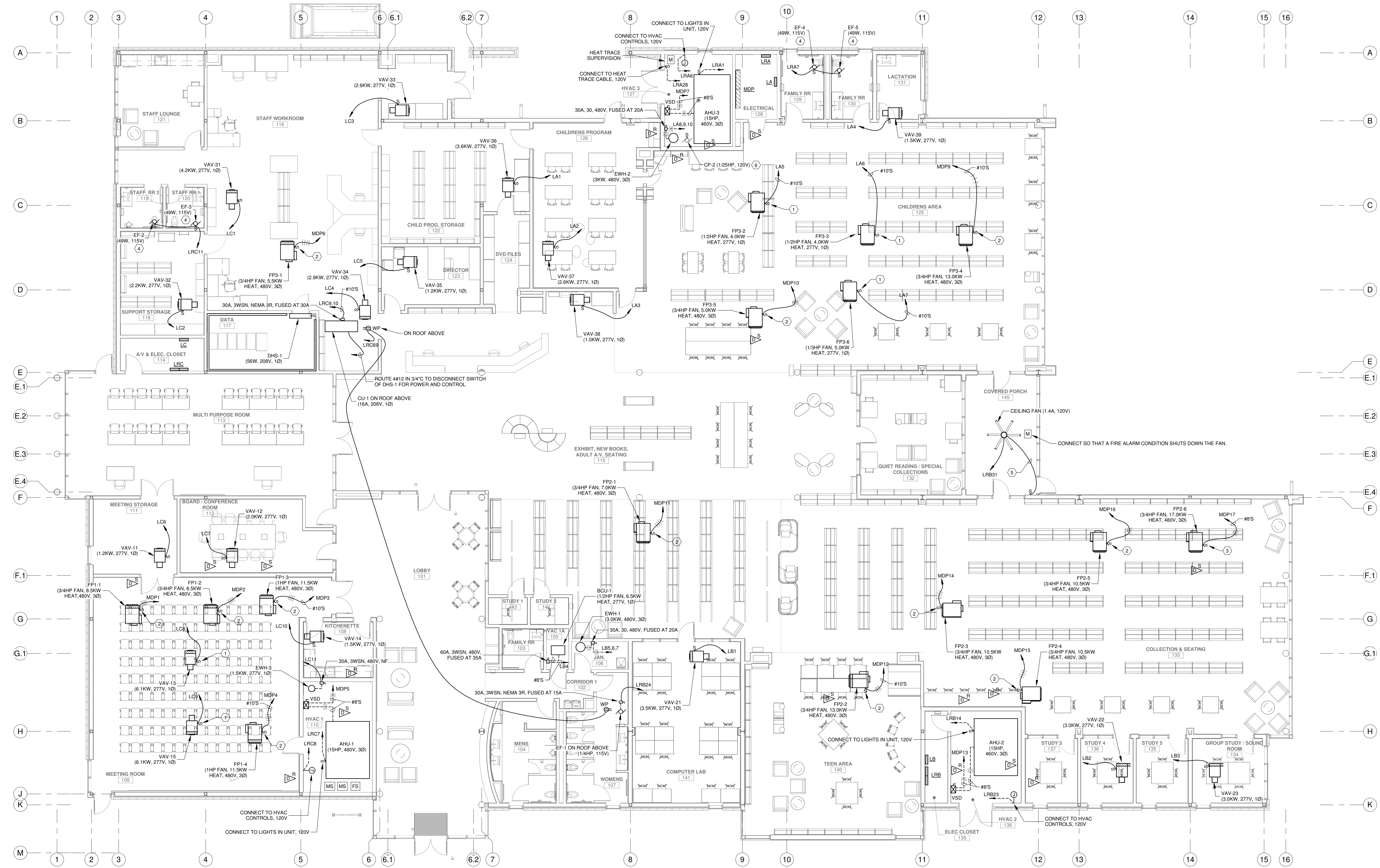
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| DESIGNED BY | SAO | CHECKED BY | JRB |
| DRAWN BY | SAO | DATE | 05.05.2023 |

SHEET TITLE
 FLOOR PLAN - POWER & SPECIAL SYSTEMS

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| PROJECT NO. | MBA - 11884 | SHEET NO. | E201 |
| | ABM - 201813 | | |

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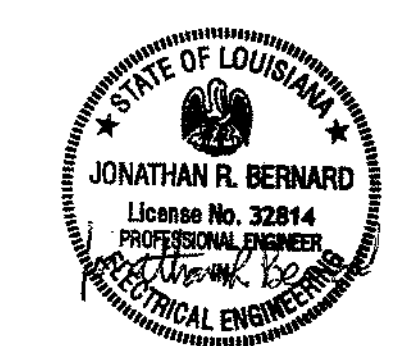
FLOOR PLAN - MECHANICAL EQUIPMENT POWER

SCALE: 1/8" = 1'-0"
 NOTES:
 1. MAINTAIN A MINIMUM OF 24" SERVICE CLEARANCE ON THE LEFT SIDE, RIGHT SIDE, AND REAR OF EACH VAV BOX. THERE SHALL BE NO SPRINKLER HEADS, SPRINKLER PIPING, ELECTRICAL, RACEWAYS, SPECIAL SYSTEM RACEWAYS, CABLES, PIPING, OR ANY OTHER ITEMS INSTALLED IN THE SERVICE AREA EXCEPT FOR BRANCH PIPING AND RACEWAYS SERVING THE RESPECTIVE VAV BOX. COORDINATE TRADES.

- SPECIFIC NOTES:**
- 30A, 1P TOGGLE SWITCH SIMILAR TO HUBBELL HBL3031.
 - 30A, 3P TOGGLE SWITCH SIMILAR TO HUBBELL HBL7810D.
 - 40A, 3P TOGGLE SWITCH SIMILAR TO HUBBELL HBL7843D.
 - ROUTE THROUGH AUTOMATIC LIGHTING SHUTOFF DETECTOR IN ROOM USING 120V POWER PACK.
 - PROVIDE (1) CATEGORY 5 CABLE FROM THE FAN TO A SPEED CONTROLLER (PROVIDED WITH FAN) AT LOCATION AS DIRECTED. GENERALLY NEAR TOGGLE SWITCH FOR LIGHTING FIXTURES IN ROOM.
 - PROVIDE WIRING IN RACEWAY TO CONNECT TO RECEPTACLE IN ROOM.

| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |

KEY PLAN



5-5-23

Mathes Briere ARCHITECTS
 A JOINT VENTURE

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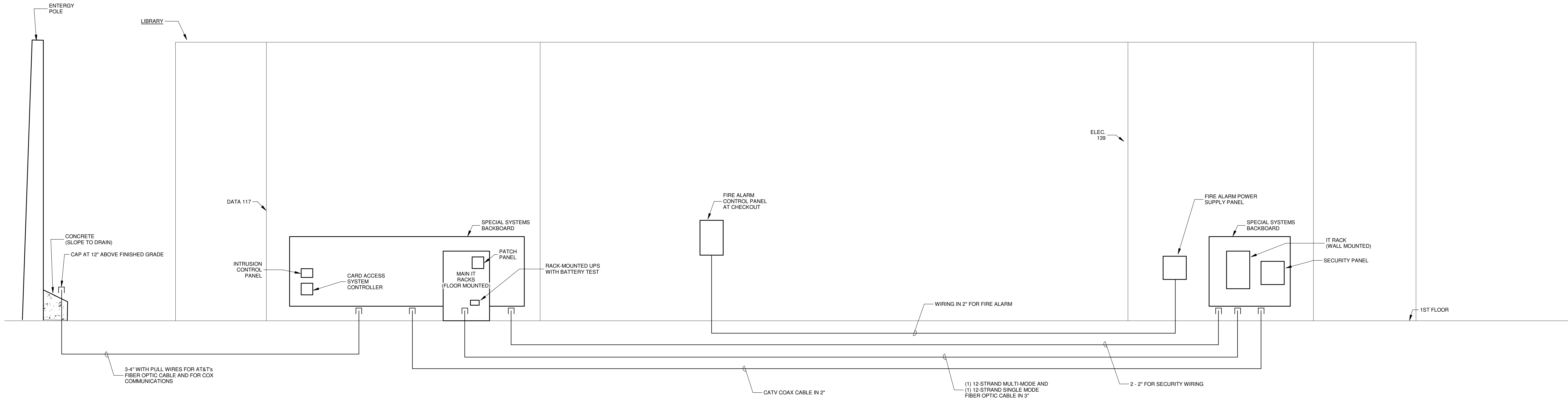
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| DRAWN BY SAO | DATE 05.05.2023 |

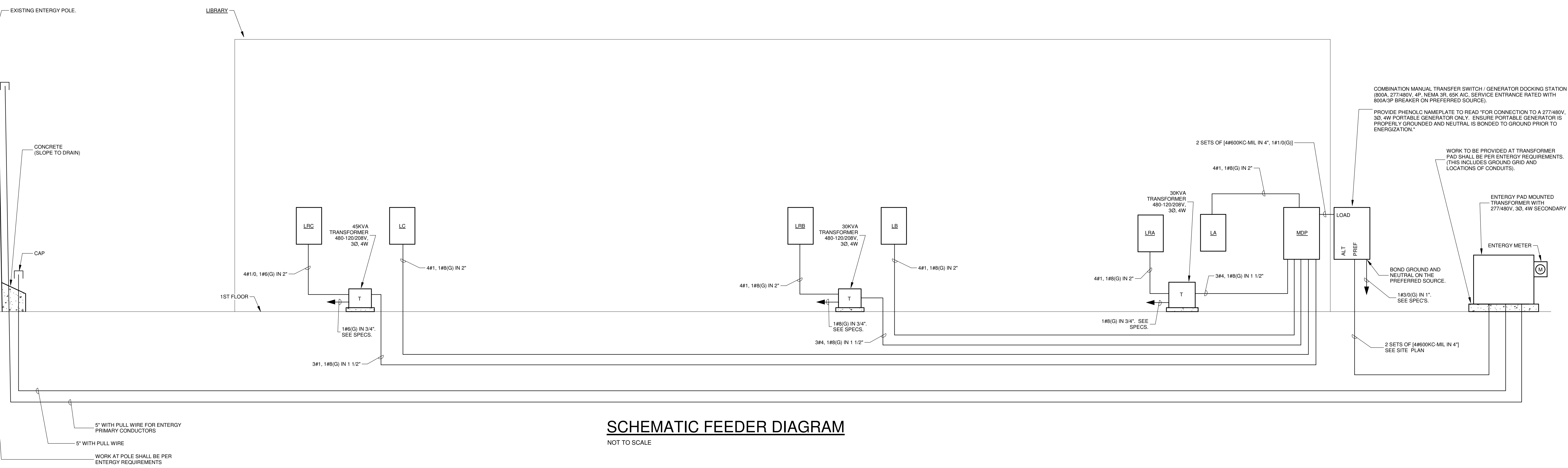
SHEET TITLE
FLOOR PLAN - MECH. EQUIP. POWER

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| PROJECT NO. MBA - 11884 | SHEET NO. E202 |
| ABM - 201813 | |

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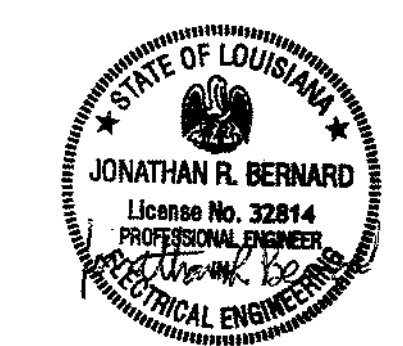
SPECIAL SYSTEMS RISER DIAGRAM
NOT TO SCALE



SCHEMATIC FEEDER DIAGRAM
NOT TO SCALE

| No. | Description | Date |
|-----|-------------|------|
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KEY PLAN



5-5-23

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PROJECT TITLE

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| DESIGNED BY | SAO | CHECKED BY | JRB |
| DRAWN BY | SAO | DATE | 05.05.2023 |
| SHEET TITLE | | | |
| ELECTRICAL SCHEMATIC DIAGRAMS | | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | E301 |
| | ABM - 201813 | | |

GVA ENGINEERING, L.L.C.
PROJECT No. 3931

Distribution Panel MDP

Type: 100A MLO
 Location: ELECTRICAL 135
 Enclosure: Type 1
 Mounting: Surface
 Avail. A.I.C.: 35K

Volts: 480/277 Wye
 Phases: 3
 Wires: 4
 A.I.C. Rating: 65K

Main Rating: 800A
 Main Type: MCB

Notes:
 2 SECTIONS. CIRCUIT BREAKER DISTRIBUTION PANELBOARDS SHALL HAVE THE MAXIMUM ALLOWABLE SPACE (INCHES) REGARDLESS OF QUANTITY OF SPACES INDICATED IN SCHEDULES. CIRCUIT BREAKERS AND SPACES SHALL BE SPREAD OUT EVENLY AMONGST EACH SECTION.

| CKT | Circuit Description | # of Poles | Frame Size | Trip Rating | Remarks |
|-------|---------------------------|------------|------------|-------------|---------|
| MDP1 | FP1-1 | 3 | 100A | 20 A | |
| MDP2 | FP1-2 | 3 | 100A | 20 A | |
| MDP3 | FP1-3 | 3 | 100A | 30 A | |
| MDP4 | FP1-4 | 3 | 100A | 30 A | |
| MDP5 | AHU-1 | 3 | 100A | 40 A | |
| MDP6 | FP3-1 | 3 | 100A | 20 A | |
| MDP7 | AHU-3 | 3 | 100A | 40 A | |
| MDP8 | CHILLER CH-1 | 3 | 400A | 350 A | |
| MDP9 | FP3-4 | 3 | 100A | 30 A | |
| MDP10 | FP3-5 | 3 | 100A | 20 A | |
| MDP11 | FP2-1 | 3 | 100A | 20 A | |
| MDP12 | FP2-2 | 3 | 100A | 20 A | |
| MDP13 | AHU-2 | 3 | 100A | 40 A | |
| MDP14 | FP2-3 | 3 | 100A | 20 A | |
| MDP15 | FP2-4 | 3 | 100A | 20 A | |
| MDP16 | FP2-5 | 3 | 100A | 20 A | |
| MDP17 | FP2-6 | 3 | 100A | 40 A | |
| MDP18 | PANEL LB | 3 | 100A | 100 A | |
| MDP19 | TRANSFORMER FOR PANEL LRB | 3 | 100A | 70 A | |
| MDP20 | PANEL LC | 3 | 100A | 100 A | |
| MDP21 | TRANSFORMER FOR PANEL LRC | 3 | 100A | 100 A | |
| MDP22 | PANEL LA | 3 | 100A | 100 A | |
| MDP23 | TRANSFORMER FOR PANEL LRA | 3 | 100A | 70 A | |
| MDP24 | Space | 1 | 100A | -- | |
| MDP25 | Space | 1 | 100A | -- | |
| MDP26 | Space | 1 | 100A | -- | |
| MDP27 | Space | 1 | 100A | -- | |
| MDP28 | Space | 1 | 100A | -- | |
| MDP29 | Space | 1 | 100A | -- | |
| MDP30 | Space | 1 | 100A | -- | |

Panel: LRA

Type: 100A MCB
 Location: ELECTRICAL 135
 Enclosure: Type 1
 Mounting: Surface
 Avail. A.I.C.: <10K

Volts: 120/208 Wye
 Phases: 3
 Wires: 4
 A.I.C. Rating: 10K

Notes:

| CKT | Circuit Description | Trip | Poles |
|-------|---------------------------------|------|-------|
| LRA1 | AHU-3 LIGHTS | 20 A | 1 |
| LRA2 | HVAC CONTROLS | 20 A | 1 |
| LRA3 | Receptacle CHILLER YARD | 20 A | 1 |
| LRA4 | EVAPORATOR HEAT TAPE | 20 A | 1 |
| LRA5 | HEAT TRACE CABLE | 20 A | 1 |
| LRA6 | HVAC CONTROLS | 20 A | 1 |
| LRA7 | EF-4, EF-5 | 20 A | 1 |
| LRA8 | Receptacle Room 135, 134 | 20 A | 1 |
| LRA9 | Receptacle | 20 A | 1 |
| LRA10 | Receptacle | 20 A | 1 |
| LRA11 | Receptacle CHILDREN PROGRAM 132 | 20 A | 1 |
| LRA12 | Receptacle CHILDRENS AREA 131 | 20 A | 1 |
| LRA13 | Receptacle CHILDRENS AREA 131 | 20 A | 1 |
| LRA14 | Receptacle CHILDRENS AREA 131 | 20 A | 1 |
| LRA15 | Receptacle CHILDRENS AREA 131 | 20 A | 1 |
| LRA16 | Receptacle Room 131 | 20 A | 1 |
| LRA17 | Receptacle CHILDRENS AREA 131 | 20 A | 1 |
| LRA18 | Receptacle CHILDRENS AREA 131 | 20 A | 1 |
| LRA19 | Receptacle CHILDRENS AREA 131 | 20 A | 1 |
| LRA20 | Receptacle | 20 A | 1 |
| LRA21 | Receptacle CHILDRENS AREA 131 | 20 A | 1 |
| LRA22 | VERTICAL LIFT WALL | 20 A | 2 |
| LRA23 | DOOR HARDWARE | 20 A | 1 |
| LRA24 | DOOR HARDWARE | 20 A | 1 |
| LRA25 | LIGHTING | 20 A | 1 |
| LRA26 | LIGHTING | 20 A | 1 |
| LRA27 | LCP-A | 20 A | 1 |
| LRA28 | HEAT TRACE CABLE | 20 A | 1 |
| LRA29 | Receptacle | 20 A | 1 |
| LRA30 | Receptacle HVAC 3 134 | 20 A | 1 |
| LRA31 | Receptacle | 20 A | 1 |
| LRA32 | Spare | 20 A | 1 |
| LRA33 | Spare | 20 A | 1 |
| LRA34 | Spare | 20 A | 1 |
| LRA35 | Spare | 20 A | 1 |
| LRA36 | Spare | 20 A | 1 |
| LRA37 | Spare | 20 A | 1 |
| LRA38 | Spare | 20 A | 1 |
| LRA39 | Spare | 20 A | 1 |
| LRA40 | Spare | -- | 1 |
| LRA41 | Spare | -- | 1 |
| LRA42 | Spare | -- | 1 |

Panel: LRB

Type: 100A MCB
 Location: ELEC CLOSET 139
 Enclosure: Type 1
 Mounting: Surface
 Avail. A.I.C.: <10K

Volts: 120/208 Wye
 Phases: 3
 Wires: 4
 A.I.C. Rating: 10K

Notes: 2 SECTIONS

| CKT | Circuit Description | Trip | Poles |
|-------|-------------------------------------|------|-------|
| LRB1 | Receptacle TEEN AREA 147 | 20 A | 1 |
| LRB2 | Receptacle TEEN AREA 147 | 20 A | 1 |
| LRB3 | Receptacle TEEN AREA 147 | 20 A | 1 |
| LRB4 | Receptacle COLLECTION & SEATING 140 | 20 A | 1 |
| LRB5 | Receptacle | 20 A | 1 |
| LRB6 | Receptacle TEEN AREA 147 | 20 A | 1 |
| LRB7 | Receptacle ELECTRICAL 135 | 20 A | 1 |
| LRB8 | Receptacle Room 145, 144 | 20 A | 1 |
| LRB9 | Receptacle Room 143, 142 | 20 A | 1 |
| LRB10 | Receptacle Room 142, 141, 140 | 20 A | 1 |
| LRB11 | Receptacle COLLECTION & SEATING 140 | 20 A | 1 |
| LRB12 | Receptacle COLLECTION & SEATING 140 | 20 A | 1 |
| LRB13 | Receptacle COLLECTION & SEATING 140 | 20 A | 1 |
| LRB14 | AHU-2 LIGHTS | 20 A | 1 |
| LRB15 | Receptacle Room 154, 139 | 20 A | 1 |
| LRB16 | Receptacle | 20 A | 1 |
| LRB17 | Receptacle | 20 A | 1 |
| LRB18 | Receptacle | 20 A | 1 |
| LRB19 | Receptacle | 20 A | 1 |
| LRB20 | Receptacle | 20 A | 1 |
| LRB21 | Receptacle Room 105, 106 | 20 A | 1 |
| LRB22 | Receptacle | 20 A | 1 |
| LRB23 | HVAC CONTROLS | 20 A | 1 |
| LRB24 | EF-1 | 20 A | 1 |
| LRB25 | Receptacle COLLECTION & SEATING 140 | 20 A | 1 |
| LRB26 | Receptacle Room 139 | 20 A | 1 |
| LRB27 | Receptacle | 20 A | 1 |
| LRB28 | Receptacle | 20 A | 1 |
| LRB29 | Receptacle | 20 A | 1 |
| LRB30 | Receptacle | 20 A | 1 |
| LRB31 | CEILING FAN | 20 A | 1 |
| LRB32 | DOOR HARDWARE | 20 A | 1 |
| LRB33 | DOOR HARDWARE | 20 A | 1 |
| LRB34 | DOOR HARDWARE | 20 A | 1 |
| LRB35 | LIGHTING CONTACTOR CONTROL | 20 A | 1 |
| LRB36 | LIGHTING | 20 A | 1 |
| LRB37 | LIGHTING | 20 A | 1 |
| LRB38 | LCP-B | 20 A | 1 |
| LRB39 | HAND DRYER | 20 A | 1 |
| LRB40 | Spare | 20 A | 1 |
| LRB41 | Spare | 20 A | 1 |
| LRB42 | Spare | 20 A | 1 |
| LRB43 | Spare | 20 A | 1 |
| LRB44 | Spare | 20 A | 1 |
| LRB45 | Spare | 20 A | 1 |
| LRB46 | Spare | 20 A | 1 |
| LRB47 | Spare | 20 A | 1 |
| LRB48 | Spare | 20 A | 1 |
| LRB49 | Spare | 20 A | 1 |
| LRB50 | Space | -- | 1 |
| LRB51 | Space | -- | 1 |
| LRB52 | Space | -- | 1 |
| LRB53 | Space | -- | 1 |
| LRB54 | Space | -- | 1 |
| LRB55 | Space | -- | 1 |
| LRB56 | Space | -- | 1 |
| LRB57 | Space | -- | 1 |
| LRB58 | Space | -- | 1 |
| LRB59 | Space | -- | 1 |
| LRB60 | Space | -- | 1 |

Panel: LRC

Type: 150A MCB
 Location: AV & ELEC...
 Enclosure: Type 1
 Mounting: Surface
 Avail. A.I.C.: <10K

Volts: 120/208 Wye
 Phases: 3
 Wires: 4
 A.I.C. Rating: 10K

Notes: CIRCUITS LRC1,2,13,32 SHALL BE GFI TYPE. 2 SECTIONS.

| CKT | Circuit Description | Trip | Poles |
|-------|--|------|-------|
| LRC1 | Receptacle | 20 A | 1 |
| LRC2 | Receptacle | 20 A | 1 |
| LRC3 | Receptacle Room 152, 153 | 20 A | 1 |
| LRC4 | Receptacle | 20 A | 1 |
| LRC5 | Receptacle | 20 A | 1 |
| LRC6 | Receptacle | 20 A | 1 |
| LRC7 | AHU-1 LIGHTS | 20 A | 1 |
| LRC8 | HVAC CONTROLS | 20 A | 1 |
| LRC9 | CJ-1 AND DHS-1 | 30 A | 2 |
| LRC10 | | | |
| LRC11 | EF-2, EF-3 | 20 A | 1 |
| LRC12 | Receptacle | 20 A | 1 |
| LRC13 | Receptacle | 20 A | 1 |
| LRC14 | Receptacle | 20 A | 1 |
| LRC15 | Receptacle | 20 A | 1 |
| LRC16 | Receptacle | 20 A | 1 |
| LRC17 | Receptacle Room 110 | 20 A | 1 |
| LRC18 | Receptacle BOARD / CONFERENCE ROOM 110 | 20 A | 1 |
| LRC19 | Receptacle | 20 A | 1 |
| LRC20 | Receptacle | 20 A | 1 |
| LRC21 | Receptacle | 20 A | 1 |
| LRC22 | Receptacle | 20 A | 1 |
| LRC23 | Receptacle | 20 A | 1 |
| LRC24 | Receptacle | 20 A | 1 |
| LRC25 | Receptacle DATA 121 | 20 A | 1 |
| LRC26 | Receptacle DATA 121 | 20 A | 1 |
| LRC27 | Receptacle DATA 121 | 20 A | 1 |
| LRC28 | Receptacle DATA 121 | 20 A | 1 |
| LRC29 | Receptacle Room 127 | 20 A | 1 |
| LRC30 | Receptacle DRIVE-UP RETURNS 127 | 20 A | 1 |
| LRC31 | Receptacle | 20 A | 1 |
| LRC32 | Receptacle | 20 A | 1 |
| LRC33 | Receptacle | 20 A | 1 |
| LRC34 | Receptacle | 20 A | 1 |
| LRC35 | Receptacle DRIVE-UP RETURNS 127 | 20 A | 1 |
| LRC36 | Receptacle | 20 A | 1 |
| LRC37 | Receptacle DRIVE-UP RETURNS 127 | 20 A | 1 |
| LRC38 | Receptacle | 20 A | 1 |
| LRC39 | Receptacle | 20 A | 1 |
| LRC40 | FACP | 20 A | 1 |
| LRC41 | Receptacle | 20 A | 1 |
| LRC42 | Receptacle DIRECTOR 130 | 20 A | 1 |
| LRC43 | Receptacle | 20 A | 1 |
| LRC44 | Receptacle DATA 121 | 20 A | 1 |
| LRC45 | Receptacle DATA 121 | 20 A | 1 |
| LRC46 | Receptacle DATA 121 | 20 A | 1 |
| LRC47 | Receptacle DATA 121 | 20 A | 1 |
| LRC48 | Receptacle DATA 121 | 20 A | 1 |
| LRC49 | Receptacle DATA 121 | 20 A | 1 |
| LRC50 | Receptacle DATA 121 | 20 A | 1 |
| LRC51 | Receptacle DATA 121 | 20 A | 1 |
| LRC52 | Receptacle DATA 121 | 20 A | 1 |
| LRC53 | Receptacle DATA 121 | 20 A | 1 |
| LRC54 | Receptacle | 20 A | 1 |
| LRC55 | Receptacle DRIVE-UP RETURNS 127 | 20 A | 1 |
| LRC56 | DOOR HARDWARE | 20 A | 1 |
| LRC57 | Receptacle | 20 A | 1 |
| LRC58 | FUTURE BACKFLOW PREVENTER HEAT TRACE | 20 A | 1 |
| LRC59 | TIME SWITCH CONTROL | 20 A | 1 |
| LRC60 | TRACK LIGHTING | 20 A | 1 |
| LRC61 | Receptacle | 20 A | 1 |
| LRC62 | Receptacle | 20 A | 1 |
| LRC63 | Receptacle | 20 A | 1 |
| LRC64 | COPY MACHINE | 20 A | 1 |
| LRC65 | Receptacle | 20 A | 1 |
| LRC66 | HAND DRYER | 20 A | 1 |
| LRC67 | HAND DRYER | 20 A | 1 |
| LRC68 | PROJECTOR | 20 A | 1 |
| LRC69 | ROOF RECEPTACLE | 20 A | 1 |
| LRC70 | Spare | 20 A | 1 |
| LRC71 | Spare | 20 A | 1 |
| LRC72 | Spare | 20 A | 1 |
| LRC73 | Spare | 20 A | 1 |
| LRC74 | Spare | 20 A | 1 |
| LRC75 | Spare | 20 A | 1 |
| LRC76 | Spare | 20 A | 1 |
| LRC77 | Spare | 20 A | 1 |
| LRC78 | Spare | 20 A | 1 |
| LRC79 | Spare | 20 A | 1 |
| LRC80 | Spare | 20 A | 1 |
| LRC81 | Space | -- | 1 |
| LRC82 | Space | -- | 1 |
| LRC83 | Space | -- | 1 |
| LRC84 | Space | -- | 1 |

Panel: LA

Type: 100A MLO
 Location: ELECTRICAL 135
 Enclosure: Type 1
 Mounting: Surface
 Avail. A.I.C.: 25K

Volts: 480/277 Wye
 Phases: 3
 Wires: 4
 A.I.C. Rating: 35K

Notes:

| CKT | Circuit Description | Trip | Poles |
|------|---------------------|------|-------|
| LA1 | VAV-36 | 20 A | 1 |
| LA2 | VAV-37 | 20 A | 1 |
| LA3 | VAV-38 | 20 A | 1 |
| LA4 | VAV-39 | 20 A | 1 |
| LA5 | FP3-2 | 30 A | 1 |
| LA6 | FP3-3 | 30 A | 1 |
| LA7 | FP3-6 | 30 A | 1 |
| LA8 | EWV-2 | 20 A | 3 |
| LA10 | | | |
| LA11 | LIGHTING | 20 A | 1 |
| LA12 | LIGHTING | 20 A | 1 |
| LA13 | LIGHTING | 20 A | 1 |
| LA14 | LIGHTING | 20 A | 1 |
| LA15 | LIGHTING | 20 A | 1 |
| LA16 | LIGHTING | 20 A | 1 |
| LA17 | Spare | 20 A | 1 |
| LA18 | Spare | 20 A | 1 |
| LA19 | Spare | 20 A | 1 |
| LA20 | Spare | 20 A | 1 |
| LA21 | Spare | 20 A | 1 |
| LA22 | Spare | 20 A | 1 |
| LA23 | Spare | 20 A | 1 |
| LA24 | Space | -- | 1 |
| LA25 | Space | -- | 1 |
| LA26 | Space | -- | 1 |
| LA27 | Space | -- | 1 |
| LA28 | Space | -- | 1 |
| LA29 | Space | -- | 1 |
| LA30 | Space | -- | 1 |

Panel: LB

Type: 100A MLO
 Location: ELEC CLOSET 139
 Enclosure: Type 1
 Mounting: Surface
 Avail. A.I.C.: 8K

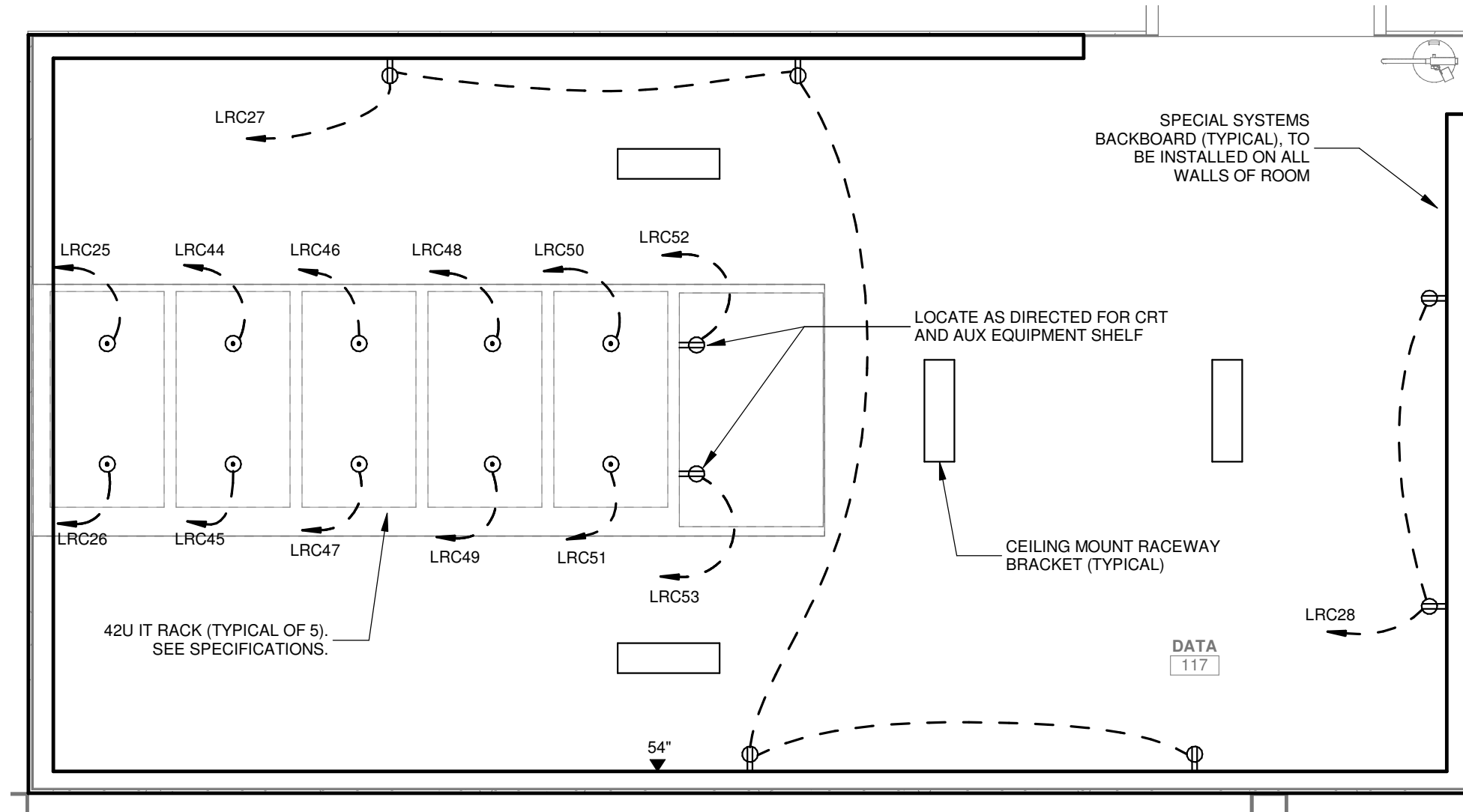
Volts: 480/277 Wye
 Phases: 3
 Wires: 4
 A.I.C. Rating: 18K

Notes:

| CKT | Circuit Description | Trip | Poles |
|------|---------------------|------|-------|
| LB1 | VAV-21 | 20 A | 1 |
| LB2 | VAV-22 | 20 A | 1 |
| LB3 | VAV-23 | 20 A | 1 |
| LB4 | HVAC 1A 105 | 20 A | 1 |
| LB5 | | | |
| LB6 | EWV-1 | 20 A | 3 |
| LB7 | | | |
| LB8 | EXTERIOR LIGHTING | 20 A | 1 |
| LB9 | EXTERIOR LIGHTING | 20 A | 1 |
| LB10 | EXTERIOR LIGHTING | 20 A | 1 |
| LB11 | EXTERIOR LIGHTING | 20 A | 1 |
| LB12 | LIGHTING | 20 A | 1 |
| LB13 | LIGHTING | 20 A | 1 |
| LB14 | LIGHTING | 20 A | 1 |
| LB15 | LIGHTING | 20 A | 1 |
| LB16 | LIGHTING | 20 A | 1 |
| LB17 | Spare | 20 A | 1 |
| LB18 | Spare | 20 A | 1 |
| LB19 | Spare | 20 A | 1 |
| LB20 | Spare | 20 A | 1 |
| LB21 | Spare | 20 A | 1 |
| LB22 | Spare | 20 A | 1 |
| LB23 | Spare | 20 A | 1 |
| LB24 | Space | -- | 1 |
| LB25 | Space | -- | 1 |
| LB26 | Space | -- | 1 |
| LB27 | Space | -- | 1 |
| LB28 | Space | -- | 1 |
| LB29 | Space | -- | 1 |
| LB30 | Space | -- | 1 |

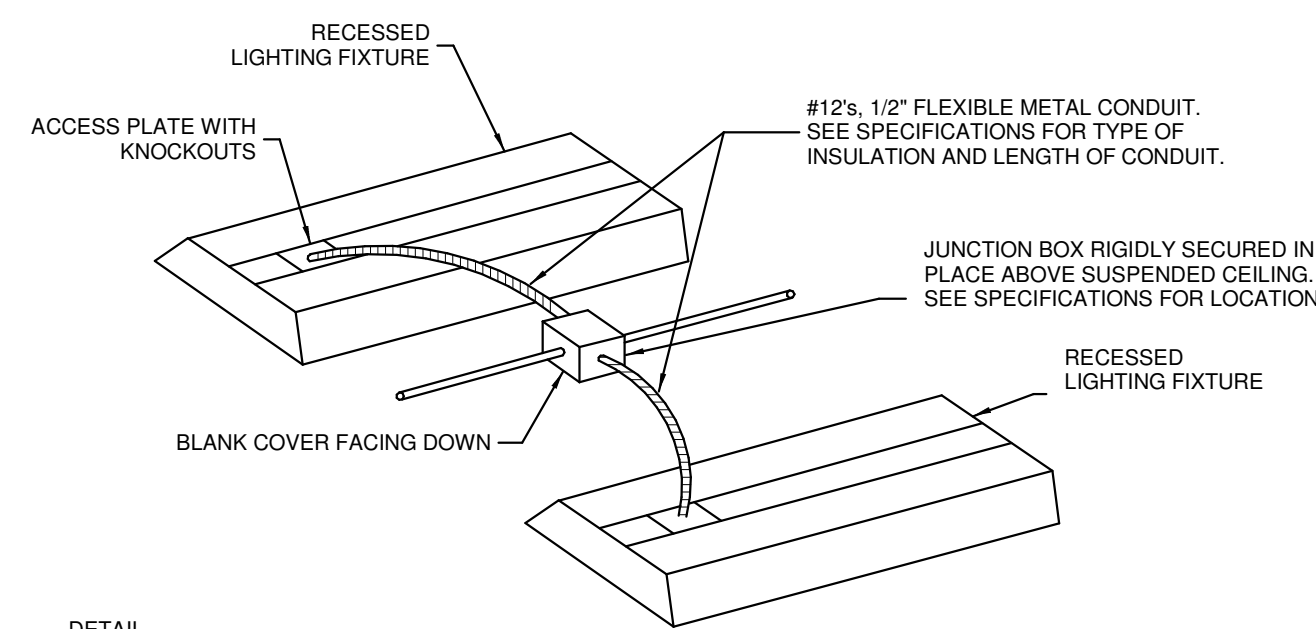
Panel: LC

Type: 100A MLO
 Location: AV & ELEC...
 Enclosure: Type 1
 Mounting



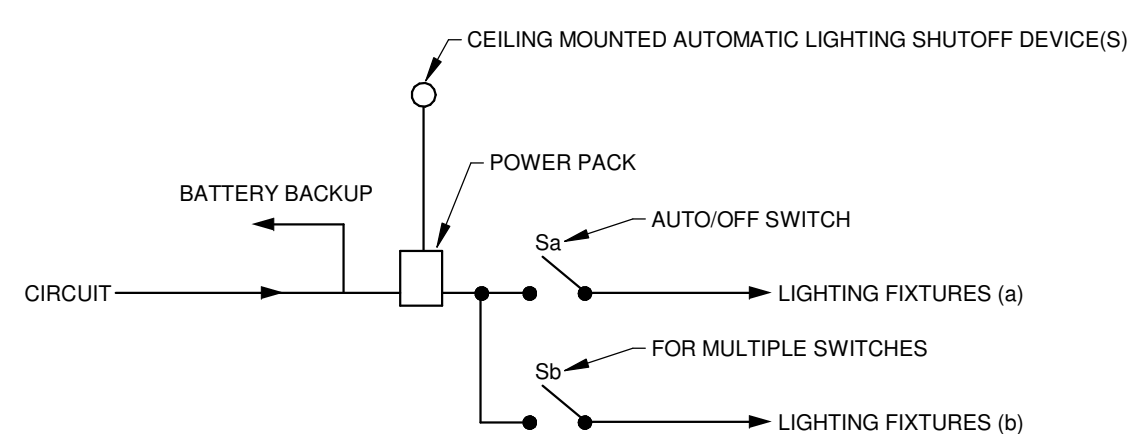
PARTIAL ENLARGED PLAN - DATA 117

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



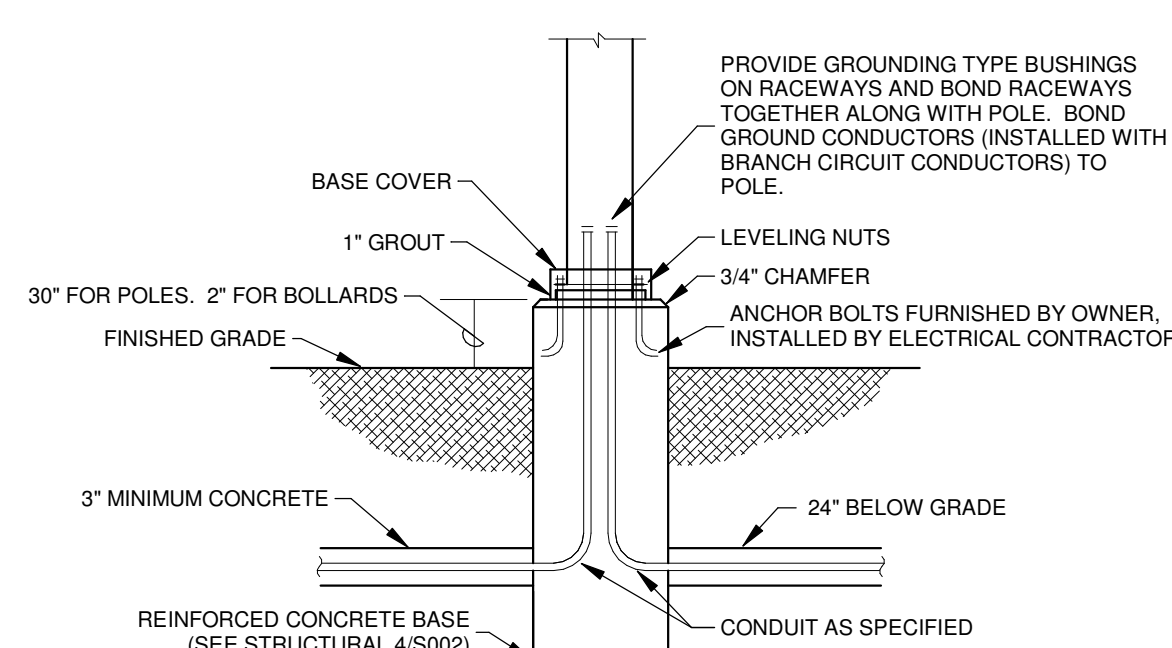
RECESSED MOUNTED FIXTURE

NOT TO SCALE
NOTE:
 1. MAXIMUM OF (2) FIXTURES SHALL BE SUPPLIED BY EACH JUNCTION BOX.



LIGHTING CONTROL DIAGRAM

NOT TO SCALE
NOTE:
 1. THIS IS A SUGGESTED ARRANGEMENT FOR LIGHTING CONTROL. THIS ARRANGEMENT MAY VARY DEPENDING ON THE PARTICULAR EQUIPMENT MANUFACTURER.



POLE BASE DETAIL

NOT TO SCALE
NOTE:
 1. SOME LOCATIONS MAY REQUIRE UP TO THREE CONDUITS.
 2. FOUNDATION SHALL HAVE DIAMETER 2\"/>

SYMBOL SCHEDULE

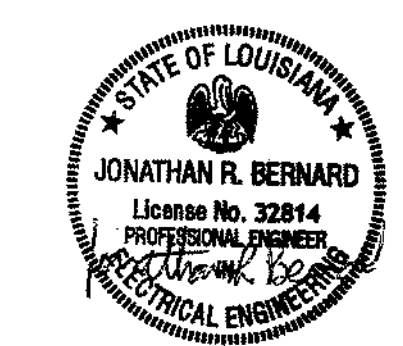
- LED FIXTURE, RECESSED.
- LED FIXTURE, SUSPENDED OR SURFACE MOUNTED.
- LED DOWNLIGHT FIXTURE, RECESSED.
- LED FIXTURE, WALL MOUNTED.
- LED FIXTURE, POLE MOUNTED.
- LED FIXTURE, PENDANT.
- LED LINEAR FIXTURE, WALL MOUNTED.
- EXIT LIGHT, TOP MOUNTED, SINGLE FACE (SURFACE OR SUSPENDED).
- SAME AS EXCEPT WITH DIRECTIONAL ARROW.
- SAME AS EXCEPT DOUBLE FACE WITH DIRECTIONAL ARROWS.
- SAME AS EXCEPT WALL MOUNTED.
- 20A/1P WALL SWITCH. SUBSCRIPT INDICATES FIXTURES TO BE CONTROLLED.
- 20A/2P WALL SWITCH.
- 20A THREE-WAY WALL SWITCH.
- SAME AS EXCEPT WEATHERPROOF.
- AUTOMATIC LIGHTING SHUTOFF DEVICE, CEILING MOUNTED. SUBSCRIPT INDICATES FIXTURES TO BE CONTROLLED.
- AUTOMATIC LIGHTING SHUTOFF DEVICE, WALL MOUNTED IN CORNER.
- AUTOMATIC LIGHTING SHUTOFF DEVICE, TIMER TYPE, WALL MOUNTED.
- LIGHTING SHUTOFF DEVICE, WALL MOUNTED, TO BE ASSOCIATED WITH LIGHTING CONTROL PANEL.
- 20A/2P, 3-WIRE, 125V, GROUNDING TYPE DUPLEX RECEPTACLE, NEMA 5-20R, TAMPER-RESISTANT.
- SAME AS EXCEPT MOUNTED ABOVE COUNTER AT HEIGHT AS DIRECTED.
- SAME AS EXCEPT WITH GROUND FAULT INTERRUPTER.
- SAME AS EXCEPT MOUNTED ABOVE COUNTER AT HEIGHT AS DIRECTED.
- SAME AS EXCEPT WEATHERPROOF.
- SAME AS EXCEPT MOUNTED AT HEIGHT AS DIRECTED FOR ELECTRIC WATER COOLER.
- DOUBLE DUPLEX RECEPTACLE.
- SAME AS EXCEPT FLUSH CEILING MOUNTED FOR PROJECTOR.
- POWER FLOOR OUTLET WITH (1) DUPLEX RECEPTACLE.
- POWER DATA FLOOR OUTLET WITH (1) DUPLEX RECEPTACLE AND (2) DATA JACKS IN FLOOR BOX. SEE SPECIFICATIONS. PROVIDE A 1\"/>

LIGHTING FIXTURE SCHEDULE

| Fixture Type | Manufacturer | Model | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------------|---|--|-------------|------------------|---|--|------------------|---|--|--|------------------|-----------------|---|--|------------------|---|---|---|------------------|---|---|--|------------------|---|---|---|-----------------|---|--|---|-----------------|--|---|--|------------------|---|---|---|------------------|---|--|--|------------------|---|---|---|------------------|---|---|---|------------------|---------------------------|--|---|------------------|---|---|------|------------------|---------------------------|--|------------------|---|---|--|------------------|-----------------|---|---|-----------------|---|--|---|-----|-----------------|---------------------------------------|---|------|-----------------|---|---|------|-----------------|---------------------------|--|------------------|---|---|---|------------------|-----------------|---|--|------------------|---|---|---|------------------|-----------------|---|---|-----------------|---|--|--|-----|--------|-----------------------|---|------|--------|--------------------|---|------|--------|-----------------|-----|------------------|---|---|------|------------------|--|---|-----|-----------------|---|--|
| F1 | VANTAGE LIGHTING | VDL412-CM-U-13-38K-WE-SCL-FINISH-FINISH-DTD SERIES OR EQUAL | LED CYLINDER, 4\"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F1A | VANTAGE LIGHTING | | SAME AS F1 EXCEPT WITH EMERGENCY BATTERY BACKUP FEATURE. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F1B | VANTAGE LIGHTING | | SAME AS F1 EXCEPT WITH 2,000 LUMEN OUTPUT (MINIMUM). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F2 | COOPER LIGHTING | H08-10-D010-DM6-12-61-WD-C SERIES OR EQUAL | RECESSED LED DOWNLIGHT, 6\"/> <tr> <td>F2A</td> <td>COOPER LIGHTING</td> <td></td> <td>SAME AS F2 EXCEPT WITH EMERGENCY BATTERY BACKUP FEATURE.</td> </tr> <tr> <td>F2B</td> <td>COOPER LIGHTING</td> <td></td> <td>SAME AS F2B EXCEPT WITH EMERGENCY BATTERY BACKUP FEATURE.</td> </tr> <tr> <td>F2C</td> <td>COOPER LIGHTING</td> <td></td> <td>SAME AS F2C EXCEPT WITH 3,000 LUMEN OUTPUT (MINIMUM).</td> </tr> <tr> <td>F2D</td> <td>COOPER LIGHTING</td> <td></td> <td>SAME AS F2D EXCEPT WITH EMERGENCY BATTERY BACKUP FEATURE.</td> </tr> <tr> <td>F2E</td> <td>COOPER LIGHTING</td> <td></td> <td>SAME AS F2E EXCEPT WITH EMERGENCY BATTERY BACKUP FEATURE.</td> </tr> <tr> <td>F2F</td> <td>BETA-CALCO</td> <td>AE3-BH3-DA01-P1-xx-xx-L1 SERIES OR EQUAL</td> <td>48\"/> <tr> <td>F3A</td> <td>BETA-CALCO</td> <td></td> <td>SAME AS F3 EXCEPT 72\"/> </td></tr> <tr> <td>F4</td> <td>COOPER LIGHTING</td> <td>22CZ-1.05-44-S-UNV-L833-CD1-U SERIES OR EQUAL</td> <td>2x2\"/> <tr> <td>F4A</td> <td>COOPER LIGHTING</td> <td></td> <td>SAME AS F4 EXCEPT WITH EMERGENCY BATTERY BACKUP FEATURE.</td> </tr> <tr> <td>F4B</td> <td>COOPER LIGHTING</td> <td></td> <td>SAME AS F4 EXCEPT WITH 2,400 LUMEN OUTPUT (MINIMUM).</td> </tr> <tr> <td>F4C</td> <td>COOPER LIGHTING</td> <td></td> <td>SAME AS F4 EXCEPT WITH 3,000 LUMEN OUTPUT (MINIMUM).</td> </tr> <tr> <td>F4D</td> <td>COOPER LIGHTING</td> <td></td> <td>SAME AS F4B EXCEPT WITH EMERGENCY BATTERY BACKUP FEATURE.</td> </tr> <tr> <td>F4E</td> <td>COOPER LIGHTING</td> <td></td> <td>SAME AS F4C EXCEPT WITH EMERGENCY BATTERY BACKUP FEATURE.</td> </tr> <tr> <td>F5</td> <td>FOCAL POINT</td> <td>FSM4L-FL-625L-F-35K-10-UNV-LD1-xx-30\"/> <tr> <td>F5A</td> <td>FOCAL POINT</td> <td></td> <td>SAME AS F5 EXCEPT SUSPENDED USING 48\"/> </td></tr> <tr> <td>F6</td> <td>COOPER LIGHTING</td> <td>ISC-AF-1200-LED-E1-T3-BK SERIES OR EQUAL</td> <td>EXTERIOR MOUNTED WALL PACK LIGHTING FIXTURE, LED, DIE-CAST ALUMINUM CONSTRUCTION, TYPE III DISTRIBUTION, IP66 RATED, GASKETED, 120-277V, WITH 6,700 LUMENS OUTPUT (MINIMUM). 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| F2A | COOPER LIGHTING | | SAME AS F2 EXCEPT WITH EMERGENCY BATTERY BACKUP FEATURE. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F2B | COOPER LIGHTING | | SAME AS F2B EXCEPT WITH EMERGENCY BATTERY BACKUP FEATURE. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F2C | COOPER LIGHTING | | SAME AS F2C EXCEPT WITH 3,000 LUMEN OUTPUT (MINIMUM). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F2D | COOPER LIGHTING | | SAME AS F2D EXCEPT WITH EMERGENCY BATTERY BACKUP FEATURE. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F2E | COOPER LIGHTING | | SAME AS F2E EXCEPT WITH EMERGENCY BATTERY BACKUP FEATURE. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| F3A | BETA-CALCO | | SAME AS F3 EXCEPT 72\"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F4 | COOPER LIGHTING | 22CZ-1.05-44-S-UNV-L833-CD1-U SERIES OR EQUAL | 2x2\"/> <tr> <td>F4A</td> <td>COOPER LIGHTING</td> <td></td> <td>SAME AS F4 EXCEPT WITH EMERGENCY BATTERY BACKUP FEATURE.</td> </tr> <tr> <td>F4B</td> <td>COOPER LIGHTING</td> <td></td> <td>SAME AS F4 EXCEPT WITH 2,400 LUMEN OUTPUT (MINIMUM).</td> </tr> <tr> <td>F4C</td> <td>COOPER LIGHTING</td> <td></td> <td>SAME AS F4 EXCEPT WITH 3,000 LUMEN OUTPUT (MINIMUM).</td> </tr> <tr> <td>F4D</td> <td>COOPER LIGHTING</td> <td></td> <td>SAME AS F4B EXCEPT WITH EMERGENCY BATTERY BACKUP FEATURE.</td> </tr> <tr> <td>F4E</td> <td>COOPER LIGHTING</td> <td></td> <td>SAME AS F4C EXCEPT WITH EMERGENCY BATTERY BACKUP FEATURE.</td> </tr> <tr> <td>F5</td> <td>FOCAL POINT</td> <td>FSM4L-FL-625L-F-35K-10-UNV-LD1-xx-30\"/> <tr> <td>F5A</td> <td>FOCAL POINT</td> <td></td> <td>SAME AS F5 EXCEPT SUSPENDED USING 48\"/> </td></tr> <tr> <td>F6</td> <td>COOPER LIGHTING</td> <td>ISC-AF-1200-LED-E1-T3-BK SERIES OR EQUAL</td> <td>EXTERIOR MOUNTED WALL PACK LIGHTING FIXTURE, LED, DIE-CAST ALUMINUM CONSTRUCTION, TYPE III DISTRIBUTION, IP66 RATED, GASKETED, 120-277V, WITH 6,700 LUMENS OUTPUT (MINIMUM). 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| F4A | COOPER LIGHTING | | SAME AS F4 EXCEPT WITH EMERGENCY BATTERY BACKUP FEATURE. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F4B | COOPER LIGHTING | | SAME AS F4 EXCEPT WITH 2,400 LUMEN OUTPUT (MINIMUM). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F4C | COOPER LIGHTING | | SAME AS F4 EXCEPT WITH 3,000 LUMEN OUTPUT (MINIMUM). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| F5 | FOCAL POINT | FSM4L-FL-625L-F-35K-10-UNV-LD1-xx-30\"/> <tr> <td>F5A</td> <td>FOCAL POINT</td> <td></td> <td>SAME AS F5 EXCEPT SUSPENDED USING 48\"/> </td></tr> <tr> <td>F6</td> <td>COOPER LIGHTING</td> <td>ISC-AF-1200-LED-E1-T3-BK SERIES OR EQUAL</td> <td>EXTERIOR MOUNTED WALL PACK LIGHTING FIXTURE, LED, DIE-CAST ALUMINUM CONSTRUCTION, TYPE III DISTRIBUTION, IP66 RATED, GASKETED, 120-277V, WITH 6,700 LUMENS OUTPUT (MINIMUM). 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| F5A | FOCAL POINT | | SAME AS F5 EXCEPT SUSPENDED USING 48\"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F6 | COOPER LIGHTING | ISC-AF-1200-LED-E1-T3-BK SERIES OR EQUAL | EXTERIOR MOUNTED WALL PACK LIGHTING FIXTURE, LED, DIE-CAST ALUMINUM CONSTRUCTION, TYPE III DISTRIBUTION, IP66 RATED, GASKETED, 120-277V, WITH 6,700 LUMENS OUTPUT (MINIMUM). 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| No. | Description | Date |
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| | | |

KEY PLAN



5-5-23

Mathes Briere ARCHITECTS
 ARCHITECTS BEAZLEY MOLIÈRE
 A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
 Voice: 504.586.5903, Fax: 504.582.1905

300 Heymann Blvd.
 Lafayette, Louisiana 70503
 337.233.0614

PROJECT TITLE

ST. BERNARD PARISH PUBLIC LIBRARY

ST. BERNARD PARISH

PERMIT DOCUMENTS

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| DESIGNED BY SAO | CHECKED BY JRB |
| DRAWN BY SAO | DATE 05.05.2023 |
| SHEET TITLE ELECTRICAL SCHEDULES | |
| PROJECT NO. MBA - 11884 | SHEET NO. E303 |
| ABM - 201813 | |

GVA ENGINEERING, L.L.C.
 PROJECT No. 3931

PLUMBING GENERAL NOTES

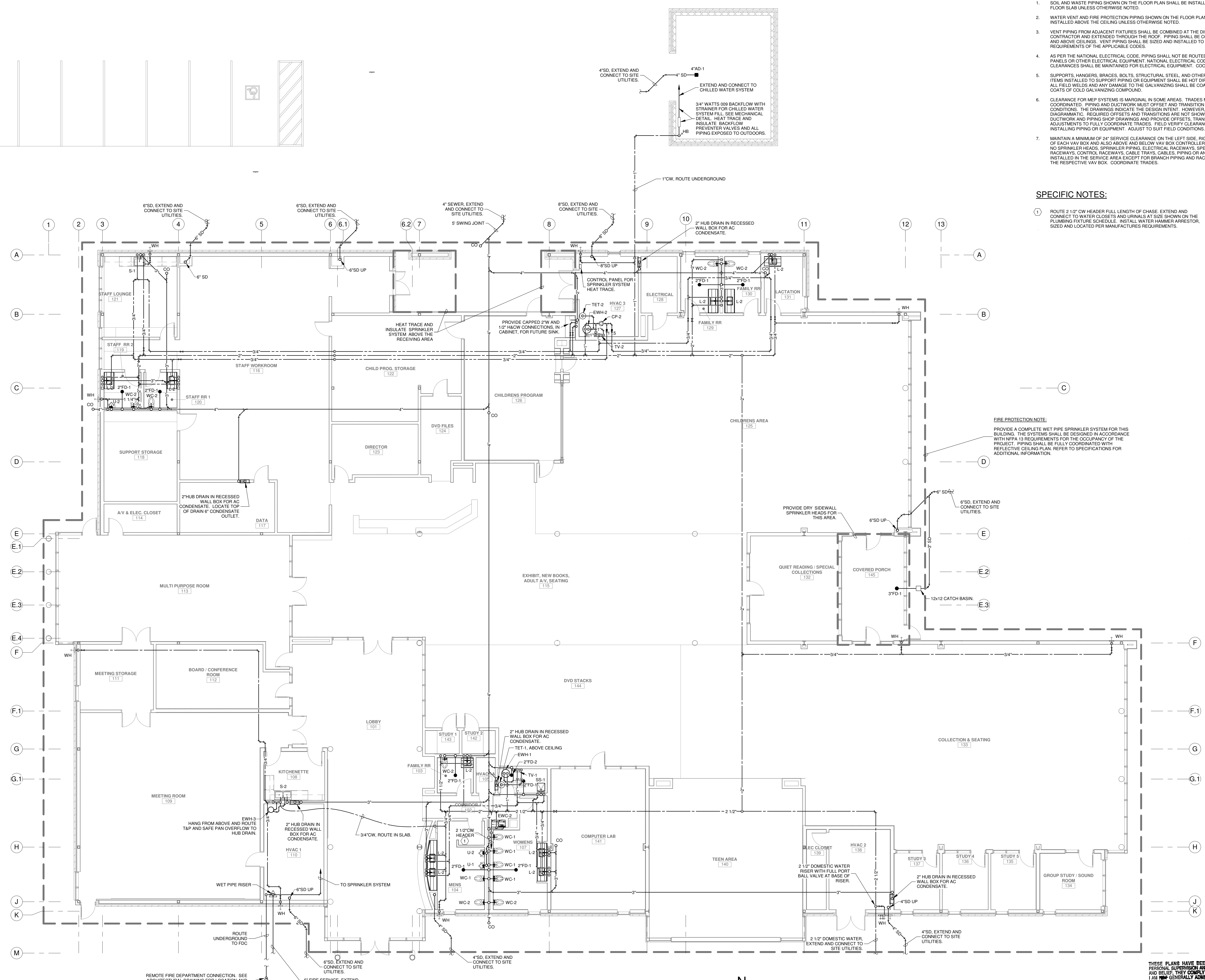
- SOIL AND WASTE PIPING SHOWN ON THE FLOOR PLAN SHALL BE INSTALLED BELOW THE FLOOR SLAB UNLESS OTHERWISE NOTED.
- WATER VENT AND FIRE PROTECTION PIPING SHOWN ON THE FLOOR PLAN SHALL BE INSTALLED ABOVE THE CEILING UNLESS OTHERWISE NOTED.
- VENT PIPING FROM ADJACENT FIXTURES SHALL BE COMBINED AT THE DISCRETION OF THE CONTRACTOR AND EXTENDED THROUGH THE ROOF. PIPING SHALL BE CONCEALED IN WALLS AND ABOVE CEILING. VENT PIPING SHALL BE SIZED AND INSTALLED TO MEET THE MINIMUM REQUIREMENTS OF THE APPLICABLE CODES.
- AS PER THE NATIONAL ELECTRICAL CODE, PIPING SHALL NOT BE ROUTED OVER ELECTRICAL PANELS OR OTHER ELECTRICAL EQUIPMENT. NATIONAL ELECTRICAL CODE SERVICE CLEARANCES SHALL BE MAINTAINED FOR ELECTRICAL EQUIPMENT. COORDINATE TRADES.
- SUPPORTS, HANGERS, BRACES, BOLTS, STRUCTURAL STEEL, AND OTHER MISCELLANEOUS ITEMS INSTALLED TO SUPPORT PIPING OR EQUIPMENT SHALL BE HOT DIPPED GALVANIZED. ALL FIELD WELDS AND ANY DAMAGE TO THE GALVANIZING SHALL BE COATED WITH TWO COATS OF COLD GALVANIZING COMPOUND.
- CLEARANCE FOR MEP SYSTEMS IS MARGINAL IN SOME AREAS. TRADES MUST BE CAREFULLY COORDINATED. PIPING AND DUCTWORK MUST OFFSET AND TRANSITION TO SUIT FIELD CONDITIONS. THE DRAWINGS INDICATE THE DESIGN INTENT. HOWEVER, PIPE ROUTING IS DIAGNOSTIC. REQUIRED OFFSETS AND TRANSITIONS ARE NOT SHOWN. PREPARE DUCTWORK AND PIPING SHOP DRAWINGS AND PROVIDE OFFSETS, TRANSITIONS AND ADJUSTMENTS TO FULLY COORDINATE TRADES. FIELD VERIFY CLEARANCES BEFORE INSTALLING PIPING OR EQUIPMENT. ADJUST TO SUIT FIELD CONDITIONS.
- MAINTAIN A MINIMUM OF 24" SERVICE CLEARANCE ON THE LEFT SIDE, RIGHT SIDE AND REAR OF EACH VAV BOX AND ALSO ABOVE AND BELOW VAV BOX CONTROLLERS. THERE SHALL BE NO SPRINKLER HEADS, SPRINKLER PIPING, ELECTRICAL RACEWAYS, SPECIAL SYSTEM RACEWAYS, CONTROL RACEWAYS, CABLE TRAYS, CABLES, PIPING OR ANY OTHER ITEMS INSTALLED IN THE SERVICE AREA EXCEPT FOR BRANCH PIPING AND RACEWAYS SERVING THE RESPECTIVE VAV BOX. COORDINATE TRADES.

SPECIFIC NOTES:

- ROUTE 2 1/2" CW HEADER FULL LENGTH OF CHASE. EXTEND AND CONNECT TO WATER CLOSETS AND URINALS AT SIZE SHOWN ON THE PLUMBING FIXTURE SCHEDULE. INSTALL WATER HAMMER ARRESTOR, SIZED AND LOCATED PER MANUFACTURER REQUIREMENTS.

FIRE PROTECTION NOTE:

PROVIDE A COMPLETE WET PIPE SPRINKLER SYSTEM FOR THIS BUILDING. THE SYSTEMS SHALL BE DESIGNED IN ACCORDANCE WITH NFPA 13 REQUIREMENTS FOR THE OCCUPANCY OF THE PROJECT. PIPING SHALL BE FULLY COORDINATED WITH REFLECTIVE CEILING PLAN. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.



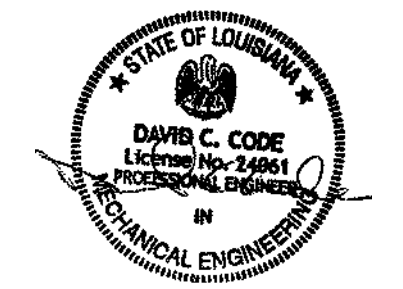
FLOOR PLAN - PLUMBING AND FIRE PROTECTION
 SCALE: 1/8" = 1'-0"

THESE PLANS HAVE BEEN PREPARED UNDER MY CLOSE PERSONAL SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THEY COMPLY WITH CITY PARISH REQUIREMENTS. I AM NOT GENERALLY ADMINISTERING THE WORK, BUT NOT TO THE EXTENT THAT WILL ELIMINATE THE NEED FOR CITY PARISH INSPECTIONS.

GVA ENGINEERING, L.L.C.
 PROJECT No. 3931

| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |

KEY PLAN



5-5-23

Mathes Briere ARCHITECTS
 ARCHITECTS BEAZLEY MOLIÈRE
 A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
 Voice: 504.586.5903. Fax: 504.582.1305

300 Heymann Blvd.
 Lafayette, Louisiana 70503
 337.233.0614

PROJECT TITLE

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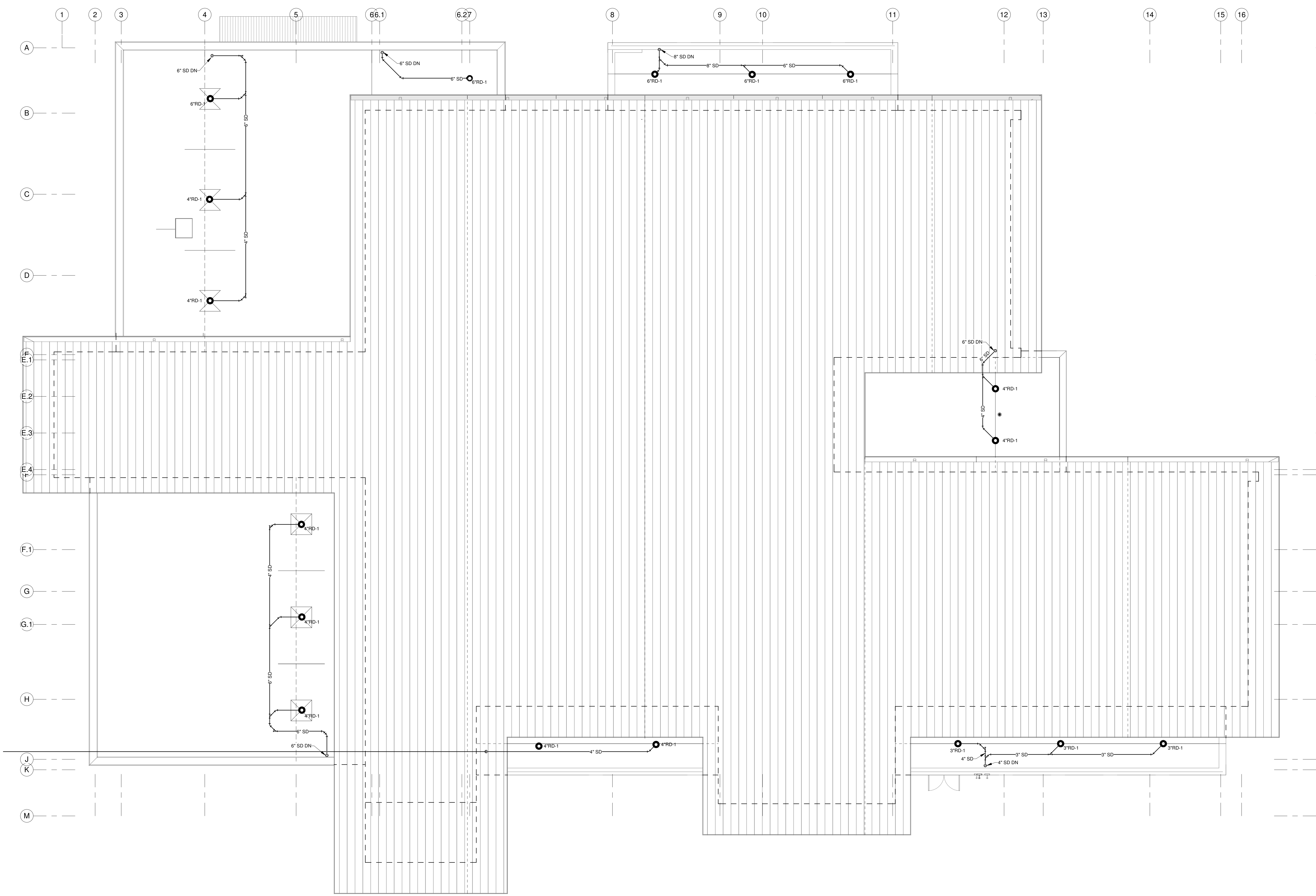
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PERMIT DOCUMENTS

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| DESIGNED BY | DCC | CHECKED BY | DCC |
| DRAWN BY | GVT | DATE | 05.05.2023 |

SHEET TITLE
 FLOOR PLAN - PLBG & FIRE PROTECTION

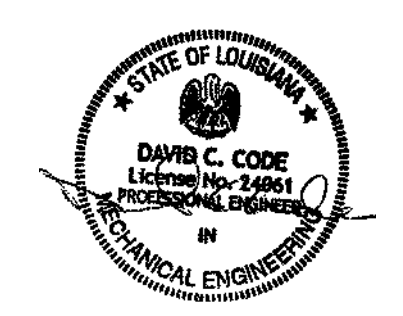
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| PROJECT NO. | MBA - 11884 | SHEET NO. | PF101 |
| | ABM - 201813 | | |



ROOF PLAN - PLUMBING AND FIRE PROTECTION **N**
 SCALE: 1/8" = 1'-0"

| No. | Description | Date |
|-----|-------------|------|
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| | | |
| | | |

KEY PLAN



5-5-23

Mathes Brierre + /BM
 ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
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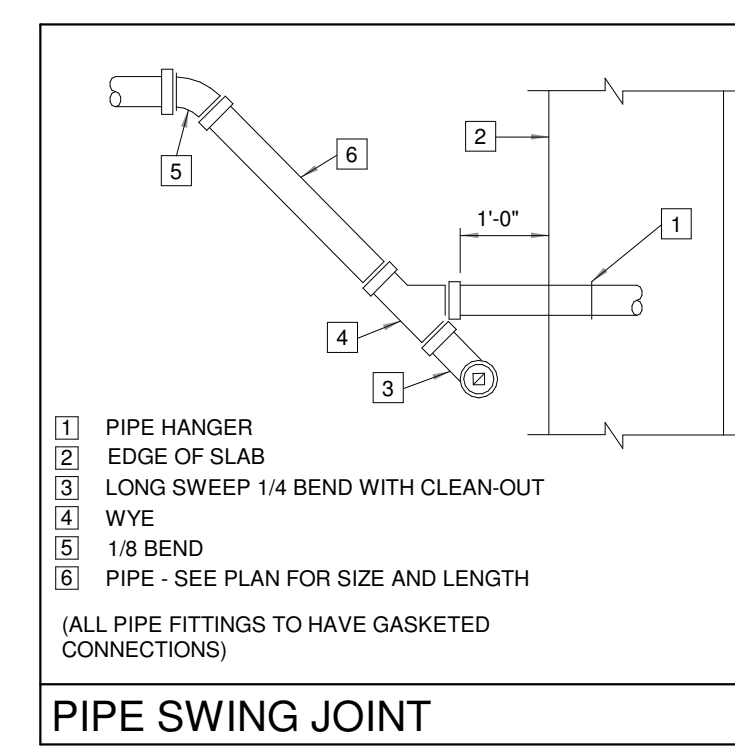
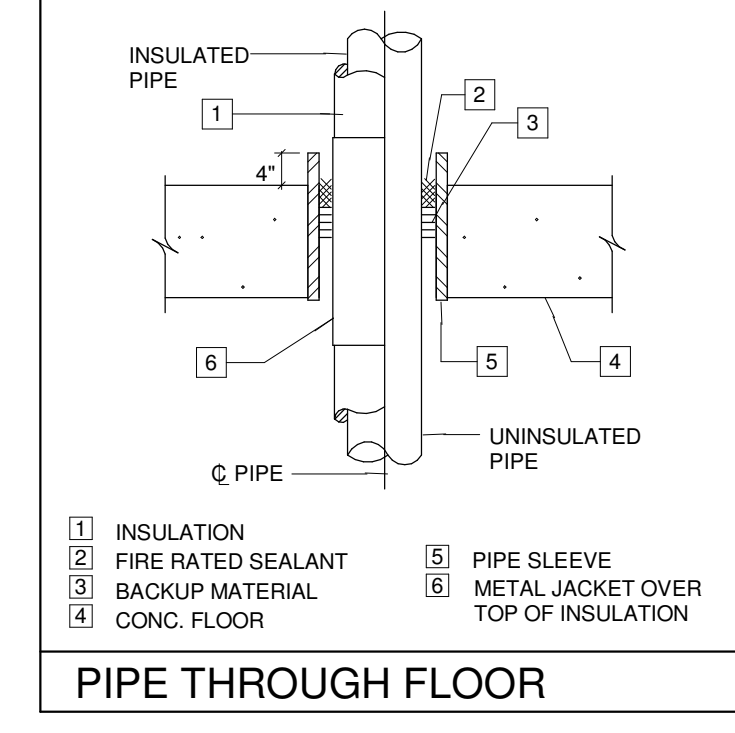
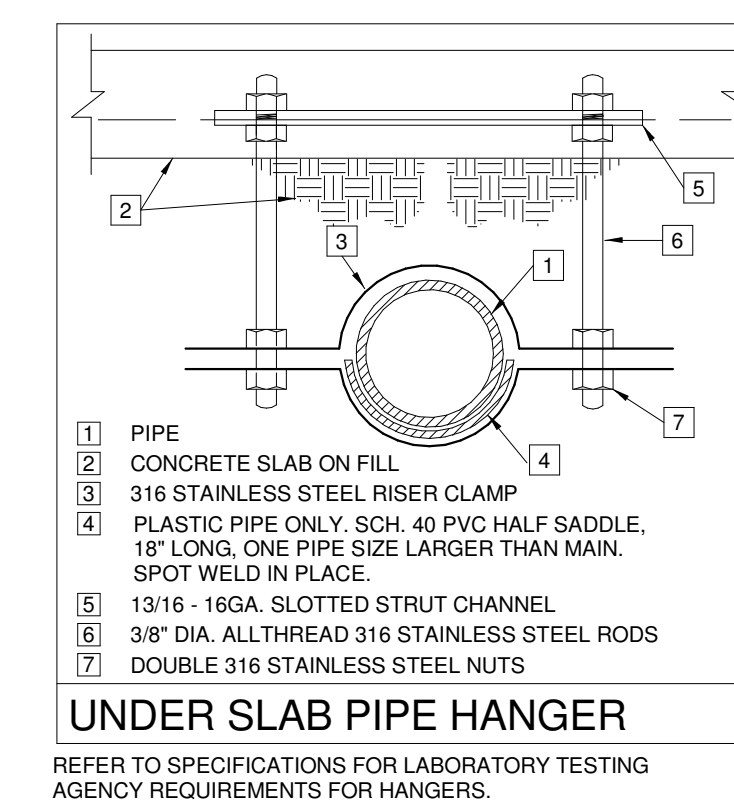
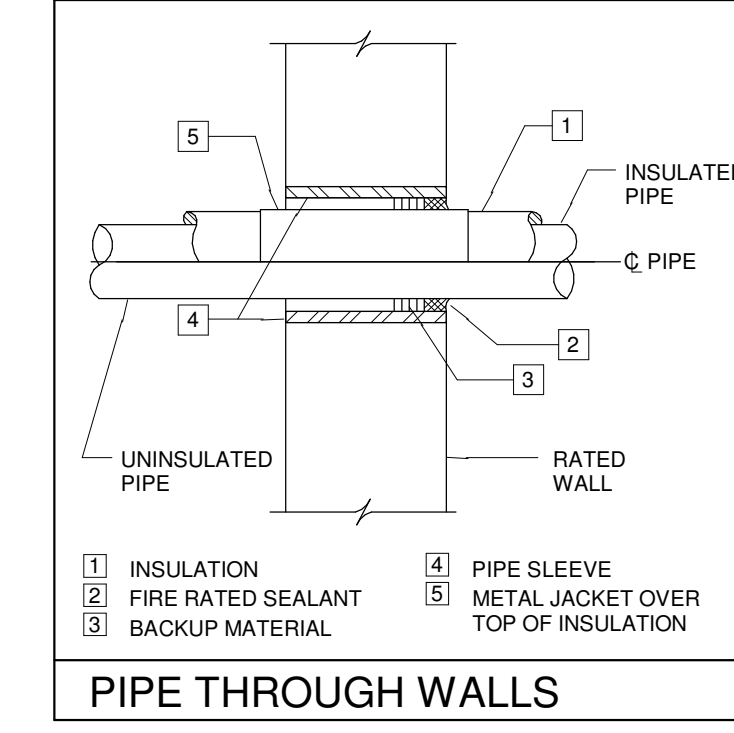
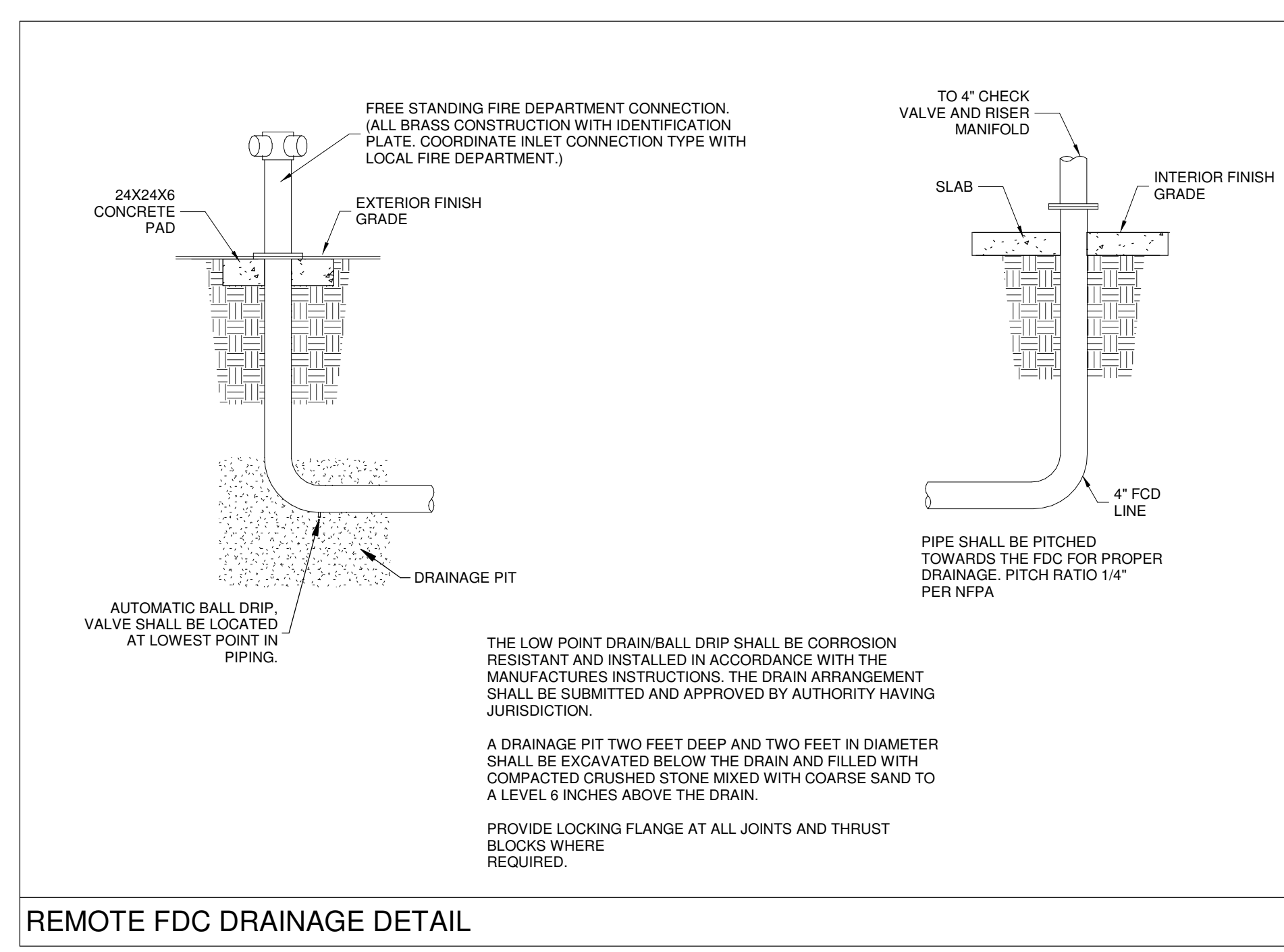
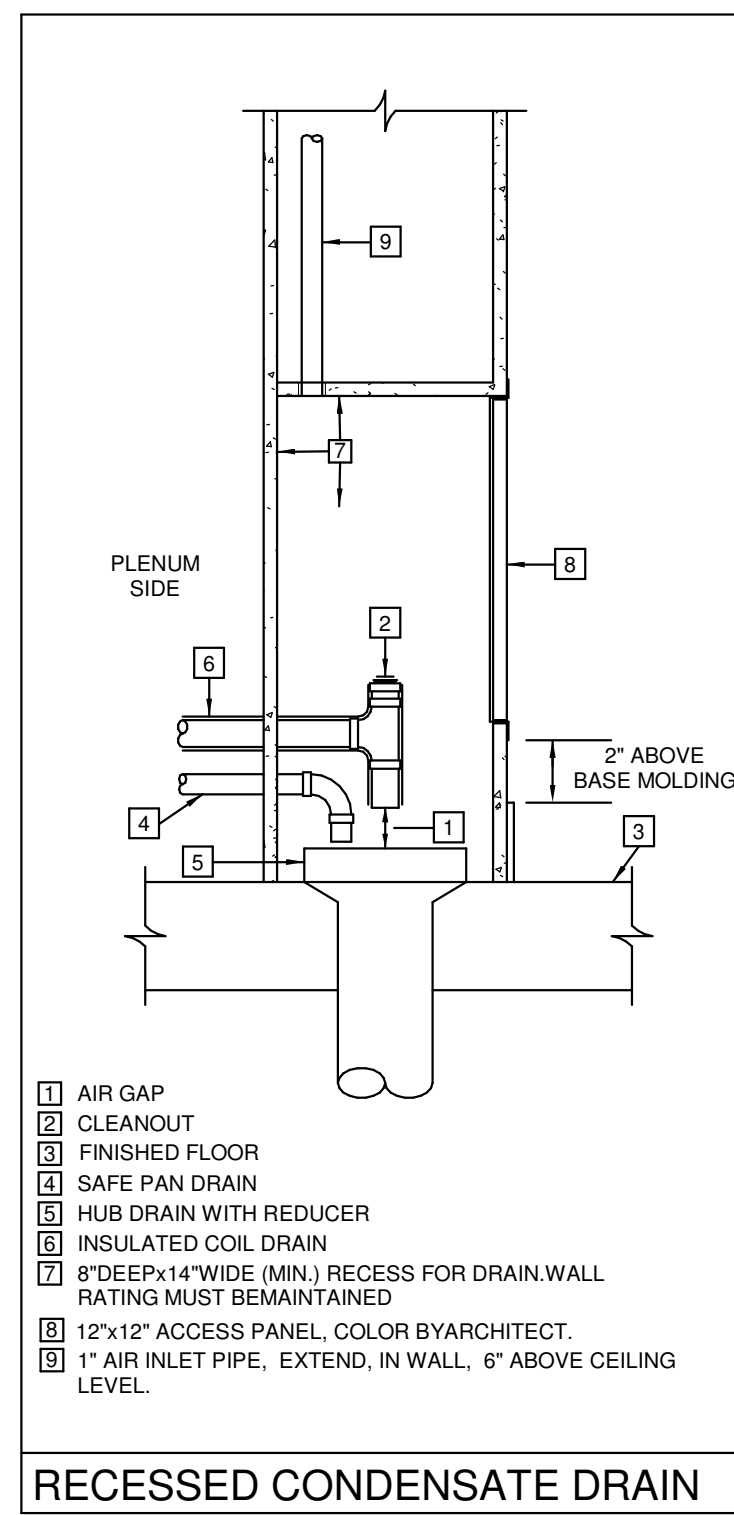
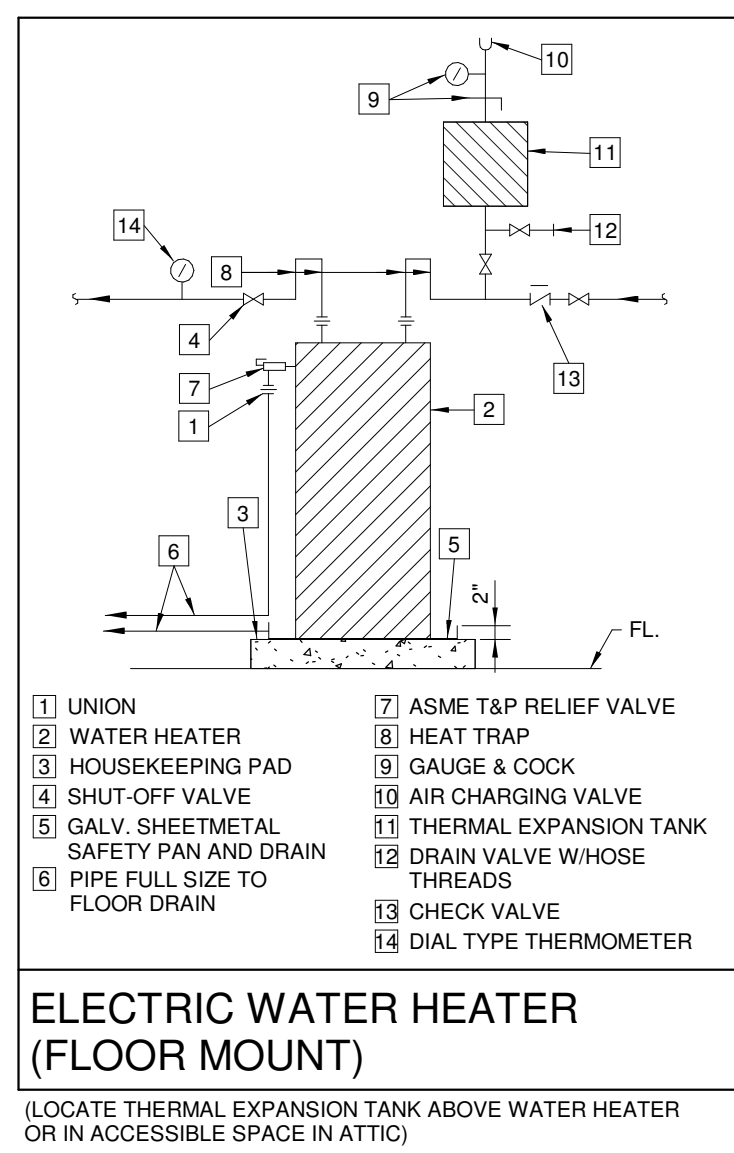
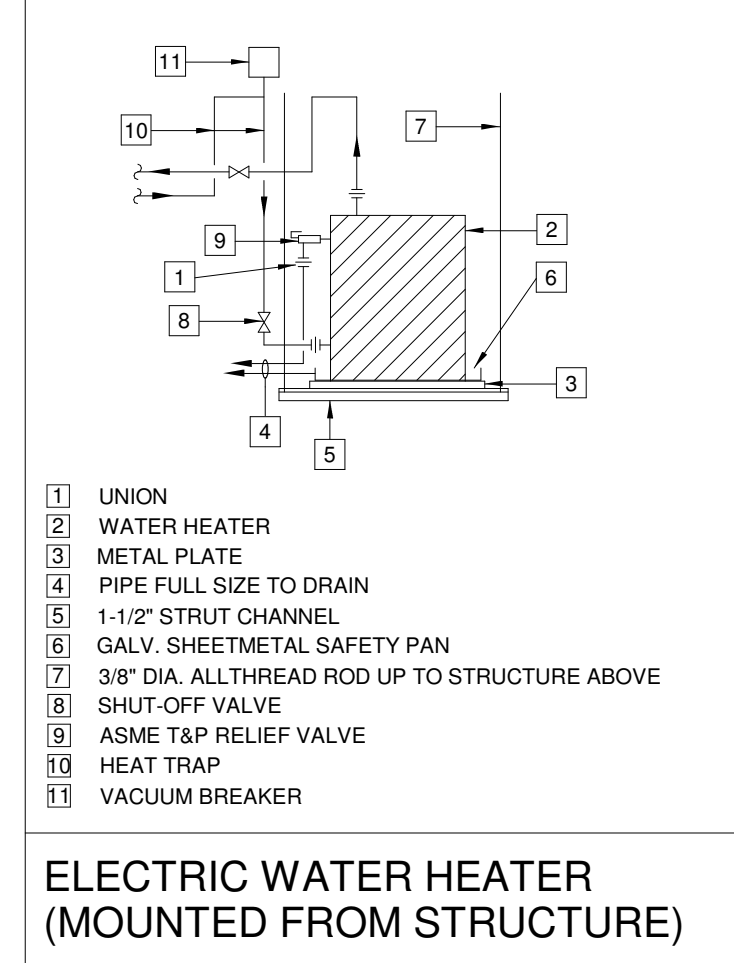
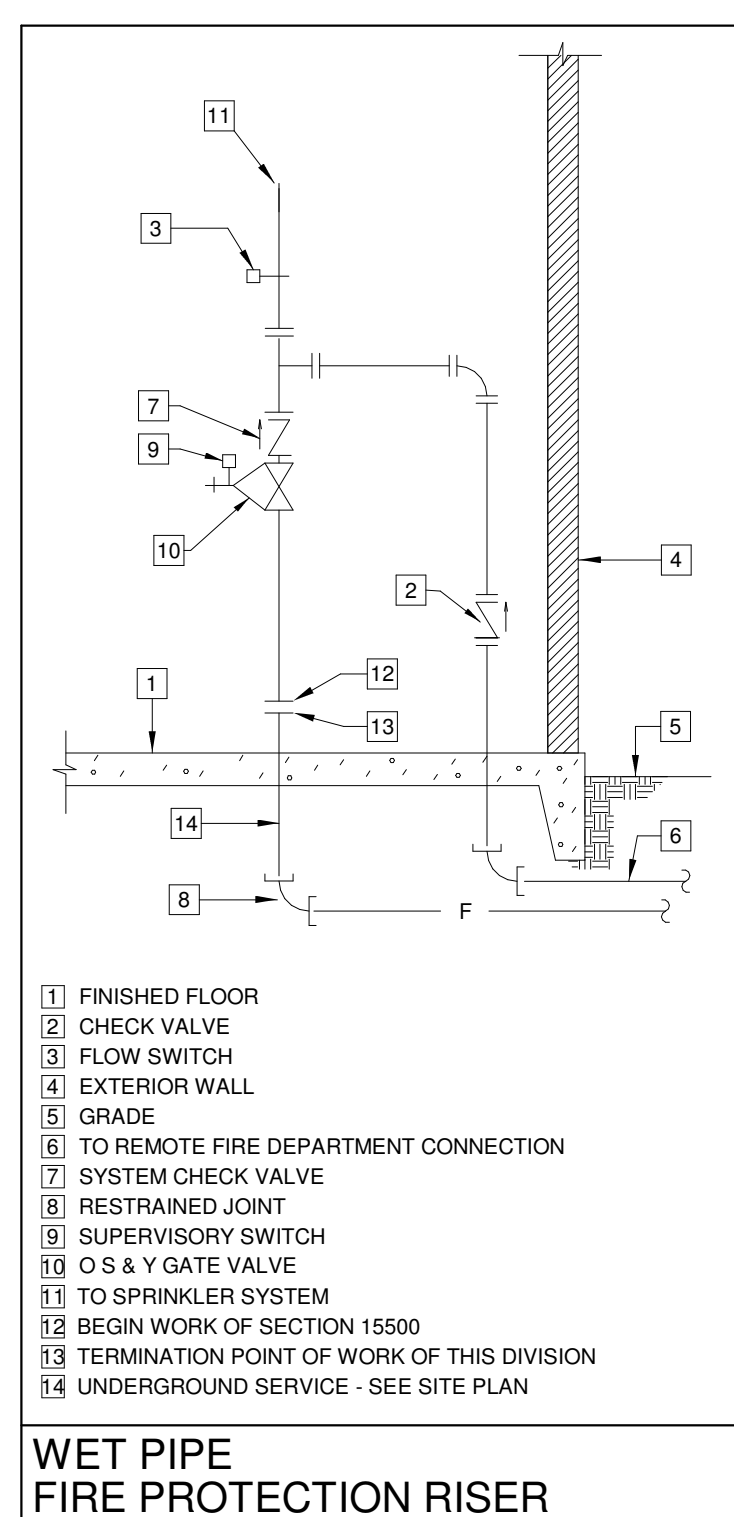
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| DESIGNED BY | DCC | CHECKED BY | DCC |
| DRAWN BY | BJT | DATE | 05.05.2023 |
| SHEET TITLE | | | |
| ROOF PLAN - PLBG AND FIRE PROTECTION | | | |
| PROJECT NO. | | SHEET NO. | |

GVA ENGINEERING, L.L.C.
 PROJECT No. 3931

MBA - 11884
 ABM - 201813

PF102



PLUMBING LEGEND

| | |
|-----|--------------------------------------|
| --- | SOIL AND WASTE PIPING |
| --- | VENT PIPING |
| --- | STORM DRAIN PIPING |
| --- | COLD WATER PIPING |
| --- | HOT WATER PIPING |
| --- | HOT WATER RETURN PIPING |
| --- | SHUT-OFF VALVE |
| --- | BALANCE VALVE (SET TO INDICATED GPM) |
| --- | CHECK VALVE |
| --- | UNION |
| --- | ABOVE FINISHED FLOOR |
| --- | VENT THRU ROOF |
| --- | FLOOR DRAIN |
| --- | CLEANOUT |
| --- | WALL CLEANOUT |
| --- | SWING JOINT |

FIRE PROTECTION LEGEND

| | |
|-----|----------------------|
| --- | FIRE PROTECTION MAIN |
|-----|----------------------|

ELECTRIC WATER HEATER SCHEDULE

| HEATER NUMBER (EWH) | EWH-1 * | EWH-2 * | EWH-3 |
|----------------------------|------------|------------|------------|
| LOCATION | SEE PLANS | SEE PLANS | SEE PLANS |
| MANUFACTURER | A.O. SMITH | A.O. SMITH | A.O. SMITH |
| MODEL NUMBER | DEN-40 | DEN-52 | DEL-6 |
| OPERATING WEIGHT (LBS) | 460 | 575 | 85 |
| RECOVERY (GPH) | 12 | 12 | 6 |
| TEMPERATURE RISE (°F) | 100 | 100 | 100 |
| STORAGE CAPACITY (GALLONS) | 40 | 55 | 6 |
| STORAGE TEMPERATURE (°F) | 140 | 140 | 120 |
| KILOWATTS | 3 | 3 | 1.5 |
| VOLTAGE / PHASE | 480/3 | 480/3 | 277/1 |

* FACTORY SET AT 140°F

PLUMBING FIXTURE SCHEDULE

| FIXTURE | SYMBOL | WASTE | VENT | COLD WATER | HOT WATER |
|-----------------------|--------|-------|------|------------|-----------|
| WATER CLOSET | WC | 4" | 4" | 1/2" | ---- |
| URINAL | U | 2" | 2" | 1" | ---- |
| LAVATORY | L | 2" | 2" | 1/2" | 1/2" |
| SINK | S | 2" | 2" | 1/2" | 1/2" |
| FLOOR DRAINS * | FD | 2"-4" | 2" | ---- | ---- |
| MOP BASIN | MB | 3" | 2" | 1/2" | 1/2" |
| ELECTRIC WATER COOLER | EW | 2" | 2" | 1/2" | ---- |
| WATER SUPPLY BOX | WSB | ---- | ---- | 1/2" | ---- |

WATER PIPING SHOWN SERVING MORE THAN ONE FIXTURE SHALL BE RUN FULL-SIZE TO THE LAST FIXTURE. TAP-OFF WITH THE SCHEDULED SIZES TO EACH FIXTURE. SEE SPECIFICATIONS FOR FIXTURE DESCRIPTION.

* PROVIDE 1/2" FLOOR DRAIN TRAP PRIMER CONNECTION (MORE THAN ONE CONNECTION MAY BE REQUIRED) BETWEEN PRESSURE TYPE TRAP PRIMER AND NEAREST FLOOR DRAIN.

TEMPERING VALVE SCHEDULE

| VALVE NUMBER (TV) | TV-1 & TV-2 * |
|-----------------------------|--|
| LOCATION | SEE PLANS |
| MANUFACTURER | LEONARD |
| MODEL NUMBER | TM-26-LF |
| CAPACITY (GPM) | 10 |
| PRESSURE DIFFERENTIAL (PSI) | 10 |
| INLET HOT WATER (°F) | 140 |
| INLET COLD WATER (°F) | 40 |
| OUTLET TEMPERED WATER (°F) | 110 |
| ACCESSORIES | CABINET NO THERMOMETER YES VOLUME CONTROL YES VACUUM BREAKER NO FINISH ROUGH BRASS ALARM NO |

TEMPERING VALVE PIPING SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN PIPING DIAGRAM (LEONARD METHOD #1 FOR TV-1, LEONARD METHOD #2 FOR TV-2) BI-METAL VALVES FOR TV-2; COORDINATE WITH THE MANUFACTURER FOR DETAILS.

MOUNT ON GALVANIZED UNISTRUT FRAME.

DRAIN SCHEDULE

| DESIG. | JAY R. SMITH No. | JOSAM No. | DESCRIPTION | REMARKS |
|--------|------------------|-----------|---|--|
| FD-1 | 2010-A-P050 | 30000-A | C.I. BODY WITH NICKEL BRONZE STRAINER & TRAP PRIMER CONNECTION | |
| FD-2 | 2010-F37 | 30000-FE1 | C.I. BODY WITH EXTENDED RIM NICKEL BRONZE STRAINER | INSTALL STRAINER RIM FLUSH WITH FINISHED FLOOR |
| AD-1 | 2130C | 32200 | C.I. DEEP BODY WITH SEDIMENT BUCKET | INSTALL RIM FLUSH WITH SLAB |
| RD-1 | 1010Y-R-C | 21900-3 | C.I. BODY, NO-HUB OUTLET, C.I. DOME, DRAIN RECEIVER & UNDERDECK CLAMP | |

NOTES:
PROVIDE TRAP SEAL PRIMER CONNECTIONS ON ALL DRAINS NOT SPECIFICALLY DEDICATED TO DRAIN A NEW PLUMBING FIXTURE. UNLESS OTHERWISE NOTED OR INDICATED, OBTAIN WATER CONNECTION FROM NEAREST WATER CLOSET FLUSH VALVE AND, PIPE CONNECTION ON DRAIN, IF A WATER CLOSET FLUSH VALVE IS NOT READILY AVAILABLE, PROVIDE TRAP PRIMER WITH APPROVED BACKFLOW PREVENTER, EXTEND AND CONNECT IT TO NEAREST WATER SUPPLY AND PIPE TO CONNECTION ON DRAIN.

THERMAL EXPANSION TANK

| EXPANSION TANK NUMBER (TET) | TET-1 & TET-2 |
|-----------------------------|---------------|
| LOCATION | SEE PLANS |
| MANUFACTURER | ELBI |
| MODEL NUMBER | DTS-30 |
| OPERATING WEIGHT (LBS) | 110 |
| EXPANDED WATER (GALLONS) | 8 |
| RELIEF VALVE SETTING (PSI) | 50 |
| SUPPLY LINE PRESSURE (AVG) | 40 |

PUMP SCHEDULE

| PUMP NUMBER | CP-2 |
|-------------------------|--------------|
| MANUFACTURER | GRUNDFOS |
| MODEL NUMBER | UPS 15-42 |
| DESCRIPTION | IN-LINE |
| LOCATION | HVAC 3 - 127 |
| SERVICE | H.W. CIRC. |
| OPERATING WEIGHT (LBS) | 50 |
| GPM (EACH) | 1.5 |
| TDH (FEET WG) | 10 |
| TIMER | YES |
| MOTOR HORSEPOWER (EACH) | 1/25 |
| VOLTAGE / PHASE | 120/1 |

PUMP HOUSING SHALL BE STAINLESS STEEL OR BRONZE

| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |
| | | |

KEY PLAN

5-5-23

Mathes Briere ARCHITECTS
ARCHITECTS BEAZLEY MOLIÈRE

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Lafayette, Louisiana 70503
337.233.0614

PROJECT TITLE

ST. BERNARD PARISH PUBLIC LIBRARY

ST. BERNARD PARISH

PERMIT DOCUMENTS

| | | | |
|-------------|-----------------------|------------|------------|
| DESIGNED BY | DCC | CHECKED BY | DCC |
| DRAWN BY | BJT | DATE | 05.05.2023 |
| SHEET TITLE | SCHEDULES AND DETAILS | | |
| PROJECT NO. | MBA - 11884 | SHEET NO. | PF201 |
| | ABM - 201813 | | |

GVA ENGINEERING, L.L.C.
PROJECT No. 3931