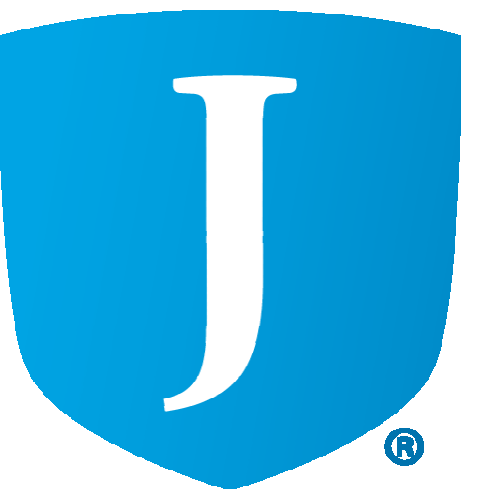


JORDAN SCHOOL DISTRICT JORDAN LEARNING CENTER

3706 WEST 9800 SOUTH
SOUTH JORDAN, UT 84009
JSD Bid #25KP03
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024



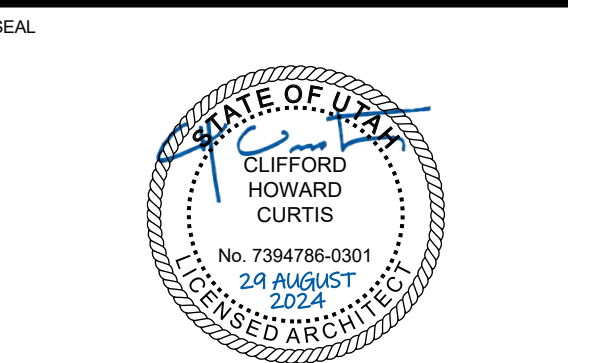
MHTN Architects, Inc.
280 South 400 West
Suite 250
Salt Lake City, Utah 84101
Telephone (801) 595-6700
www.mhtn.com



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JORDAN LEARNING CENTER
3706 WEST 9800 SOUTH
SOUTH JORDAN, UT 84009



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MHTN PROJECT NO. 2024528

VIEW AND PRINT THIS DRAWING IN COLOR

Original drawing is 30 x 42. Do not scale contents of this drawing.

REVISIONS:
CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE.

NO.	DATE	DESCRIPTION

ISSUE:
CONSTRUCTION DOCUMENTS

AUGUST 29, 2024

SHEET NAME:
COVER SHEET

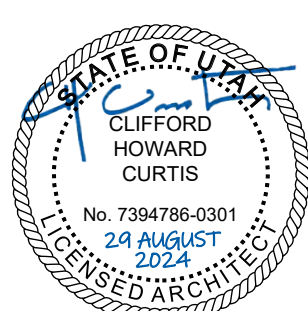
SHEET NUMBER:
G000

Original drawing is 30 x 42. Do not scale contents of this drawing.

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8/28/2024 8:28:07 AM

ARCHITECTURE

MHTN ARCHITECTS, INC.
280 SOUTH 400 WEST
SUITE 250
SALT LAKE CITY, UTAH 84111
PHONE: (801) 595-6700



CIVIL

GALLOWAY
515 SOUTH 700 EAST, STE 3F
SALT LAKE CITY, UT 84102
PHONE: (801) 953-1357



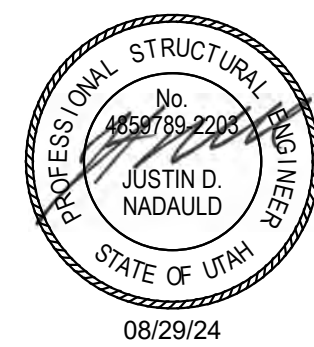
LANDSCAPE

MHTN ARCHITECTS, INC.
280 SOUTH 400 WEST
SUITE 250
SALT LAKE CITY, UTAH 84111
PHONE: (801) 595-6700



STRUCTURAL

REAVELEY ENGINEERS
675 E 500 S #400
SALT LAKE CITY, UT 84102
PHONE: (801) 486-3883



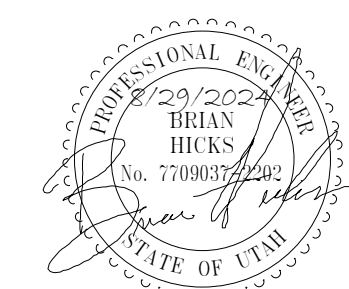
MECHANICAL

OLSEN & PETERSON
CONSULTING ENGINEERS
14 EAST 2700 SOUTH
SALT LAKE CITY, UT 84105
PHONE: (801) 486-4646



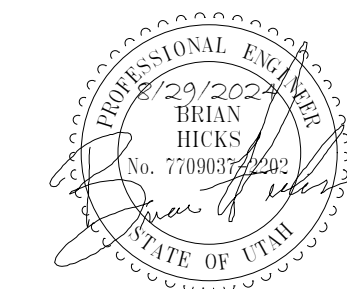
ELECTRICAL

BNA CONSULTING
635 S STATE STREET
SALT LAKE CITY, UT 84111
PHONE: (801) 532-2196



SOUND DESIGN

BNA CONSULTING
635 S STATE STREET
SALT LAKE CITY, UT 84111
PHONE: (801) 532-2196



MOUNTING HEIGHTS & CLEARANCES
GENERAL NOTES

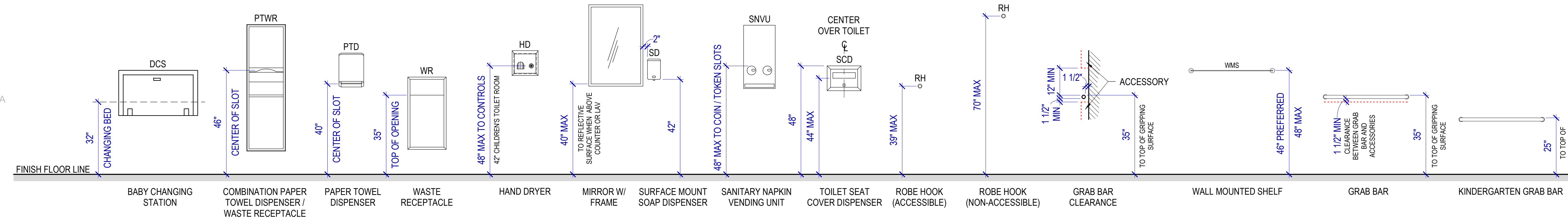
Diagrams on this sheet incorporate the ADA Standard, 2010 edition and ICC/ANSI A117.1, 2009 edition requirements for accessibility. The most restrictive requirement is shown where the two standards differ.

The purpose of this sheet is to provide general clearance, size and mounting height dimensions. If other drawings provide different information, that doesn't violate the accessibility standards, that information shall govern, however, nothing shown herein shall supersede the requirement of the standards listed above, nor of the IBC.

Prior to installation, coordinate toilet and bath accessory mounting heights with manufacturer's recommended heights and adjust as required to comply with ADA & ANSI requirements.

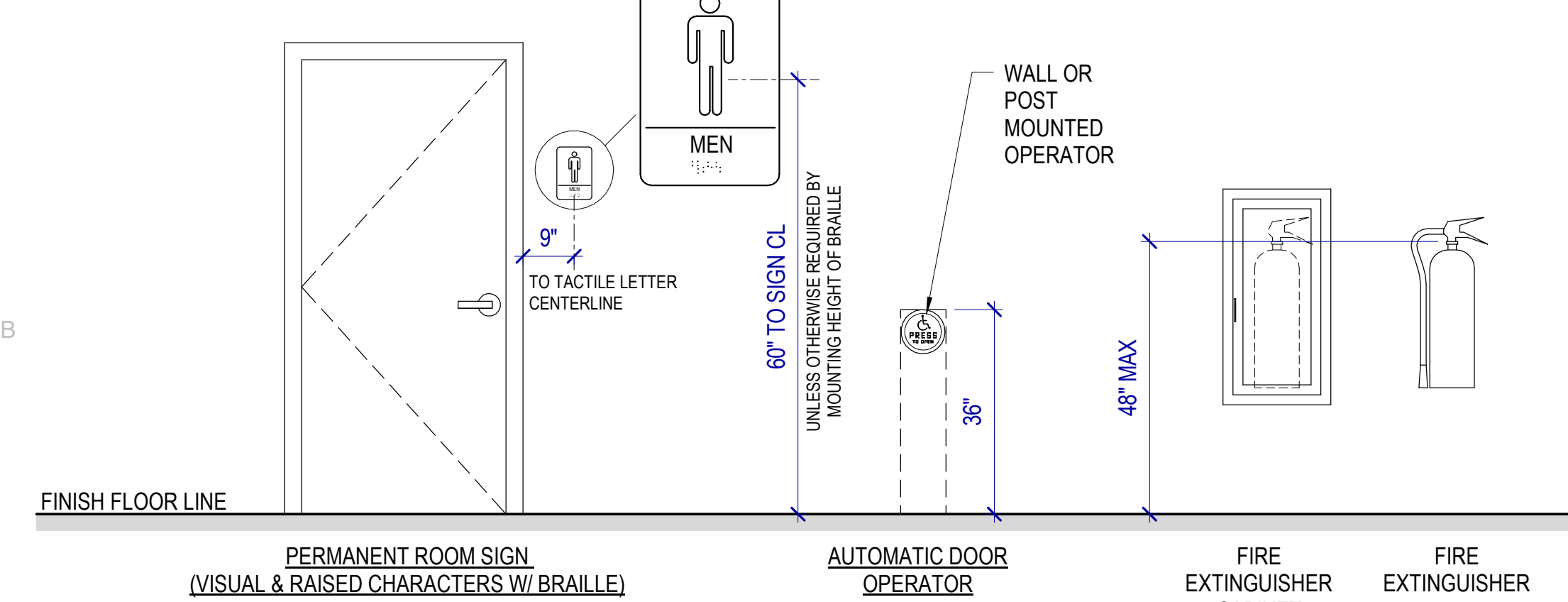
Where the accessibility standards indicate ranges of dimensions, or minimum or maximum dimensions, the dimensions on this sheet have been modified to indicate the preferred or the most restrictive of the dimensions. Where it is impractical to comply with a dimension, the dimension may be adjusted after review with the Architect and, provided the proposed change does not violate the accessibility standards.

Dimensions shown herein indicate face of wall, floor, ceiling and other building elements.



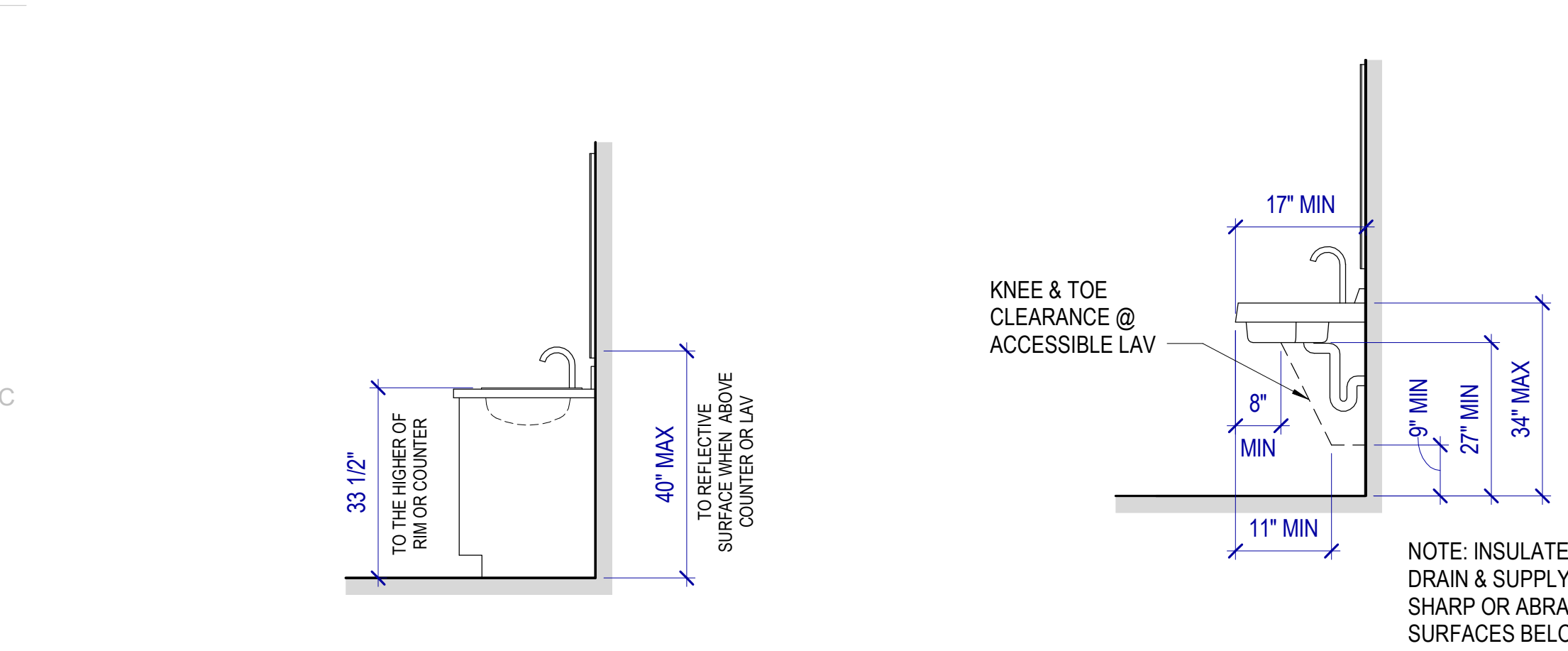
A1 TOILET ROOM EQUIPMENT

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



B1 MOUNTING HEIGHTS

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



C1 ACCESSIBLE PARALLEL SINK

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



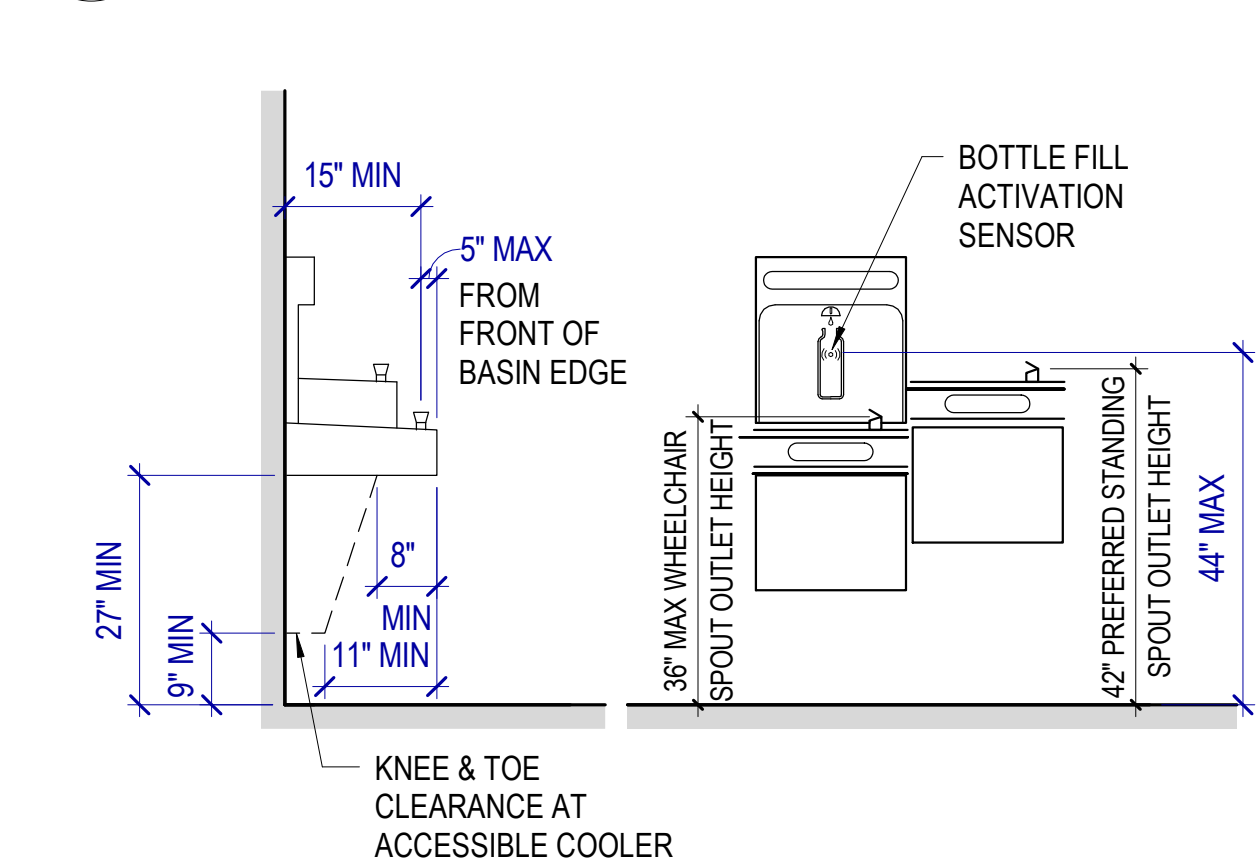
C2 LAVATORY MOUNTING HEIGHT

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



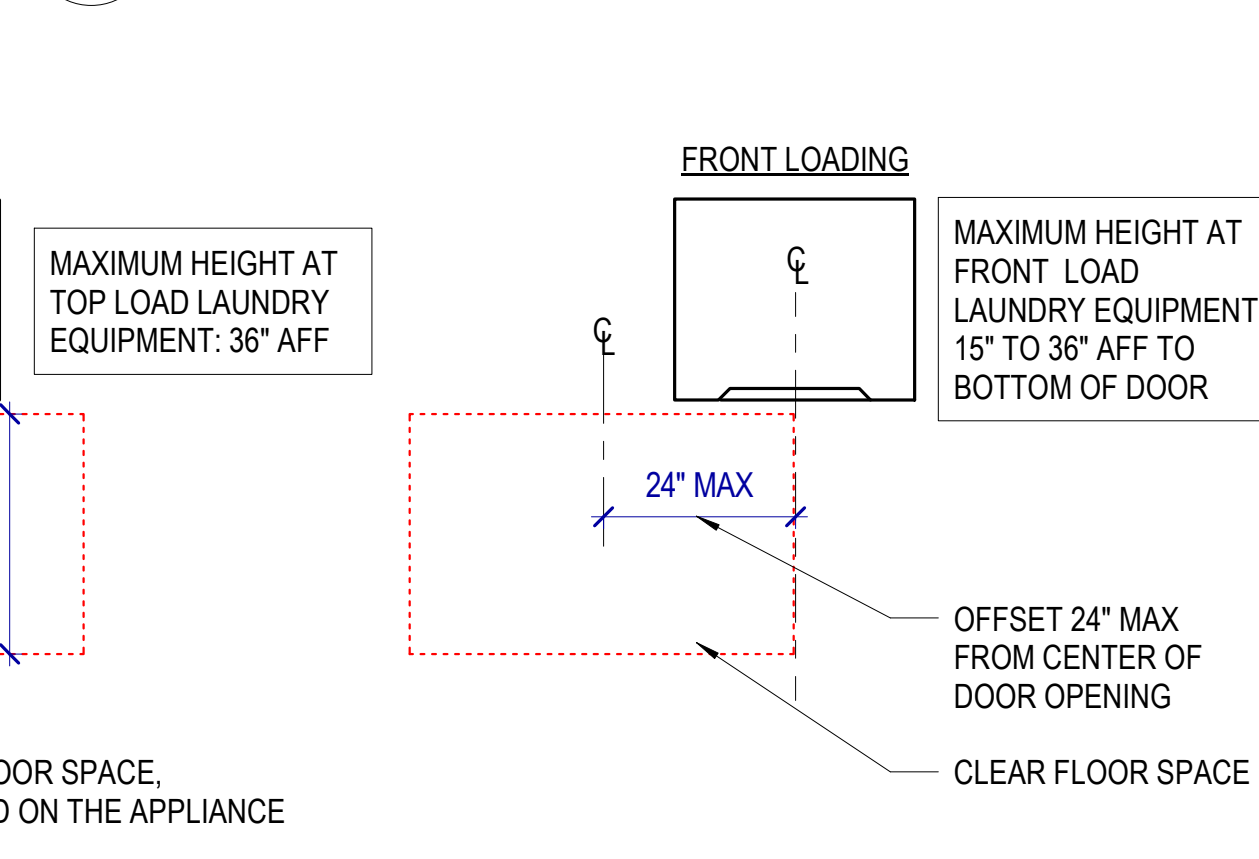
C4 SERVICE SINK

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



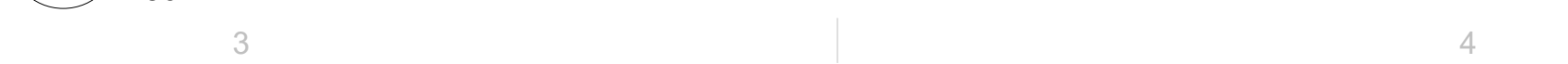
D4 DRINKING FOUNTAIN DETAILS

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



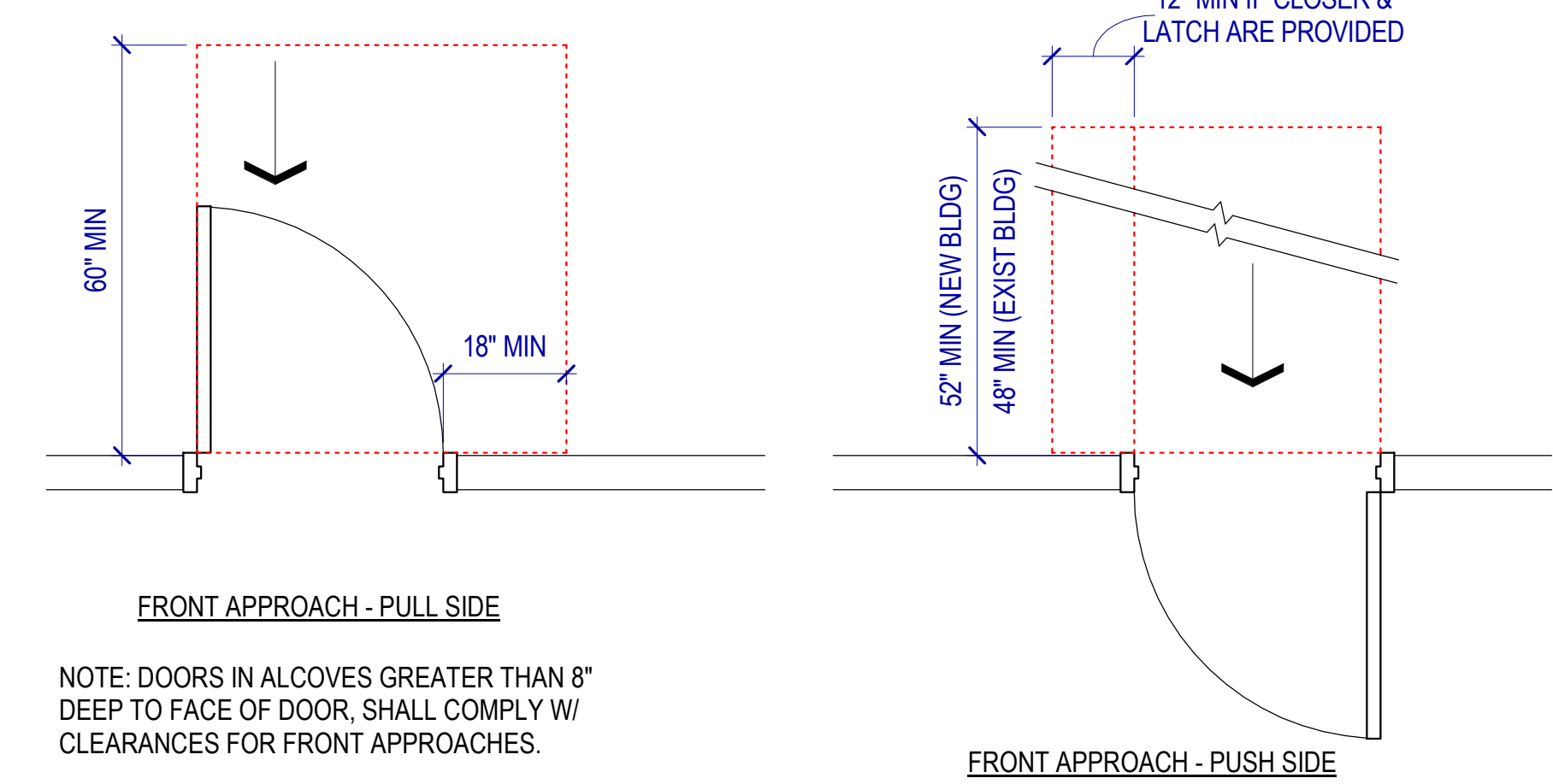
E4 CLEAR FLOOR SPACE @ LAUNDRY

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



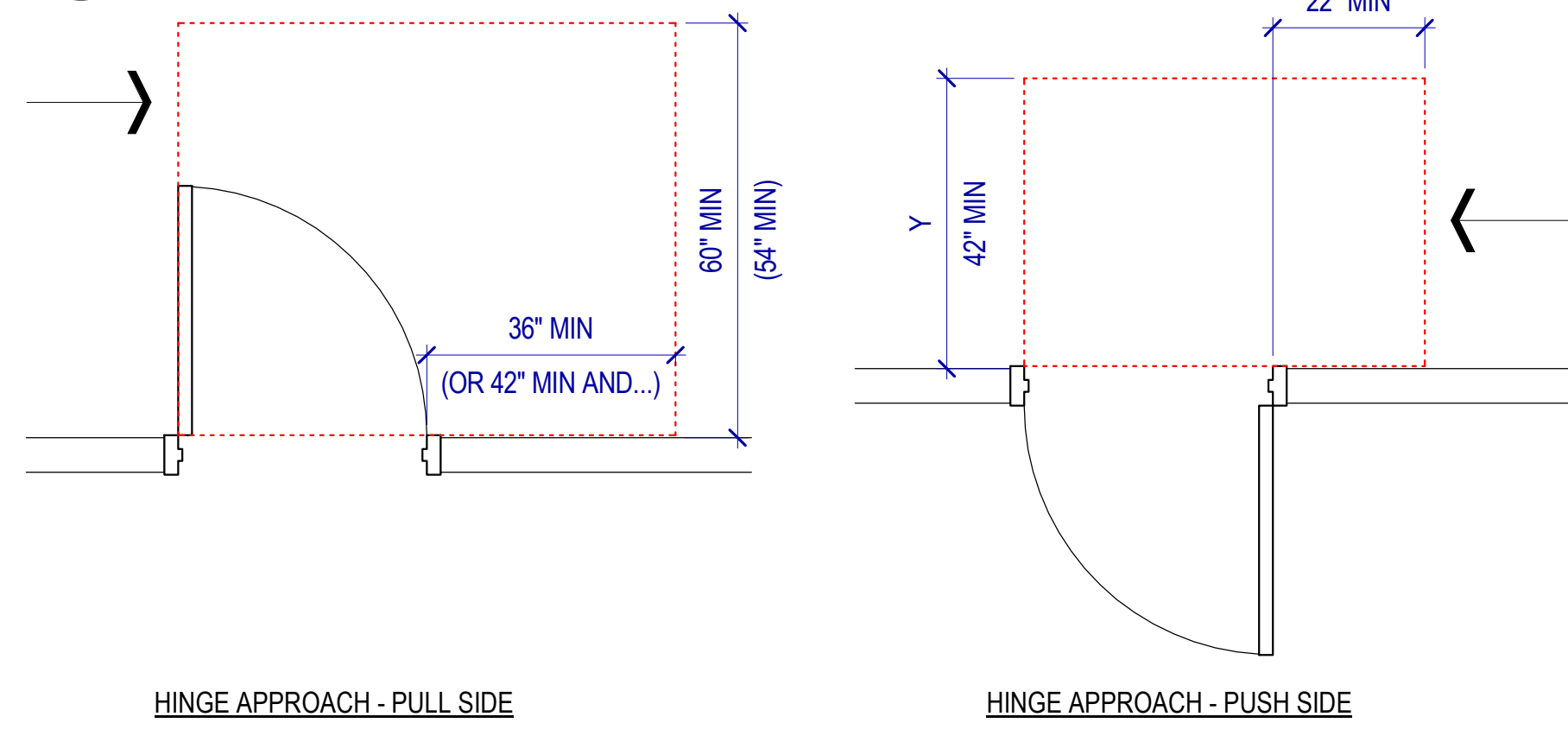
B5 SINK APPROACHES AND CLEARANCE

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



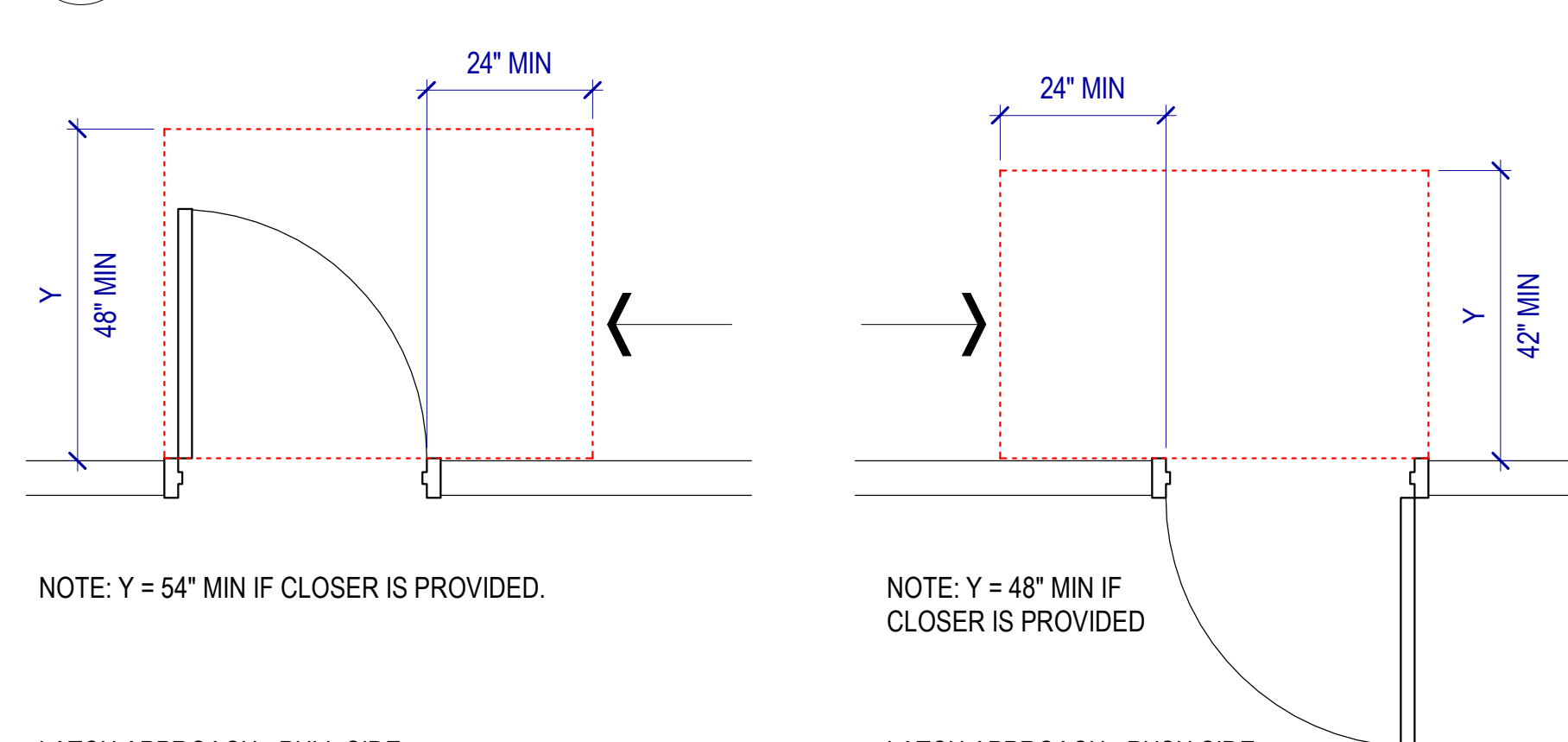
C5 FRONT APPROACHES @ SWINGING DOORS

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



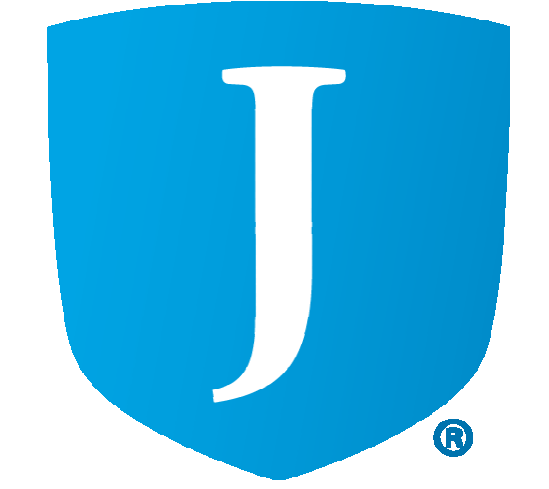
D5 HINGE SIDE APPROACHES @ SWINGING DOORS

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



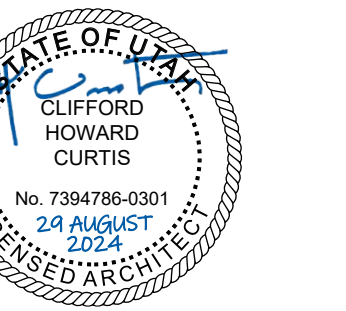
E5 MANEUVERING CLEARANCES @ MANUAL DOORS

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



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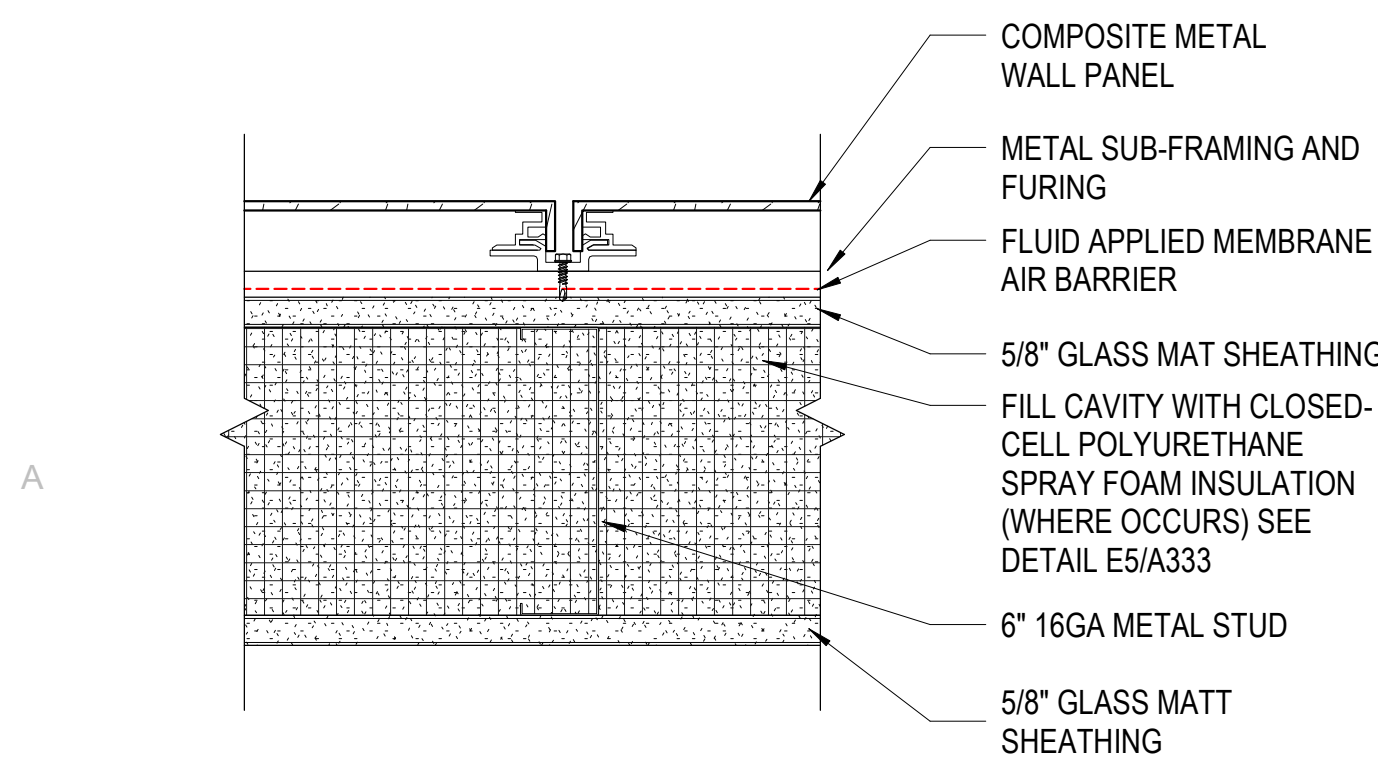
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Original Drawing is 36" x 42". Do not scale contents of this drawing.
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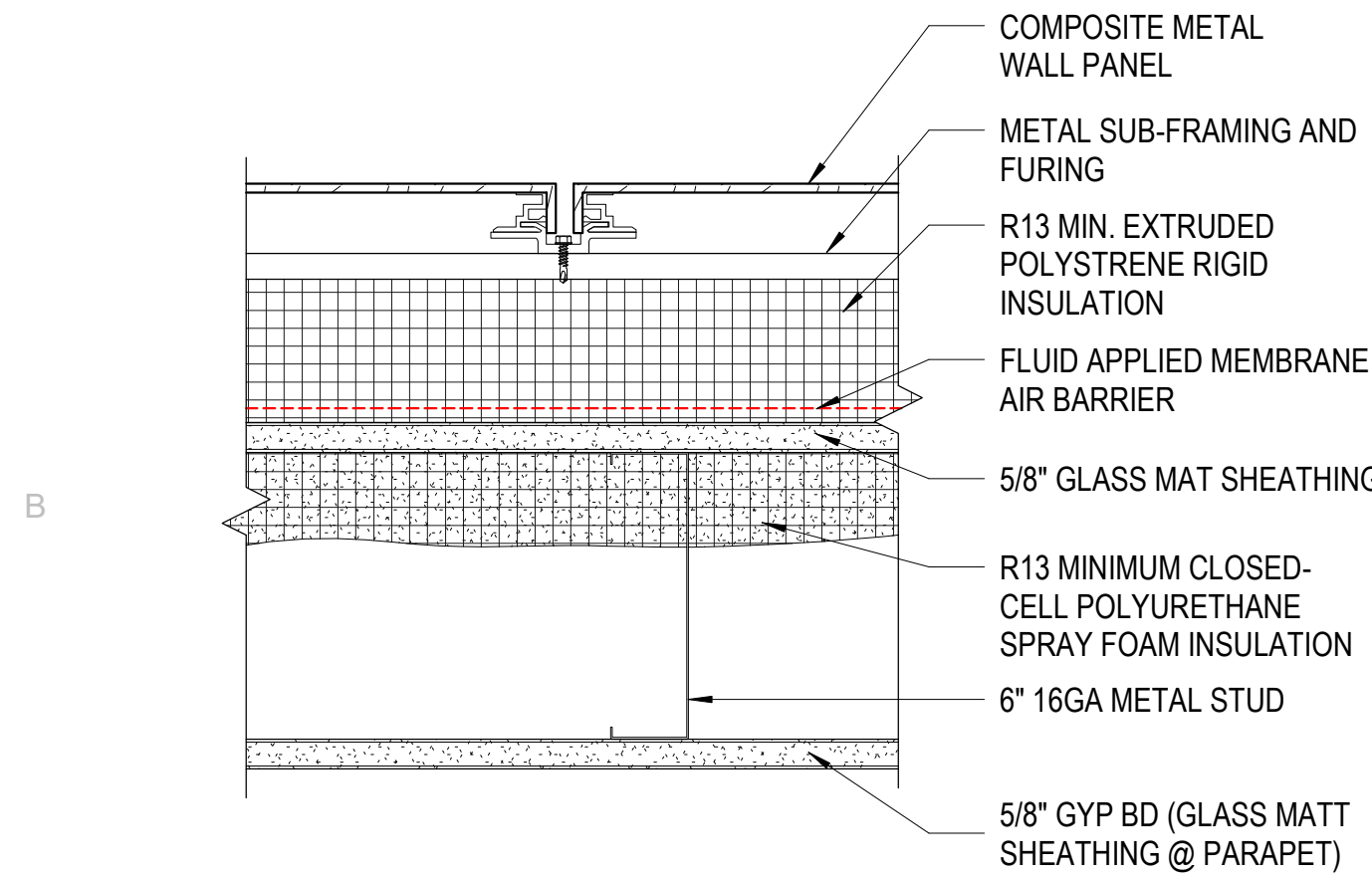
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MOUNTING HEIGHTS & CLEARANCES

SHEET NUMBER

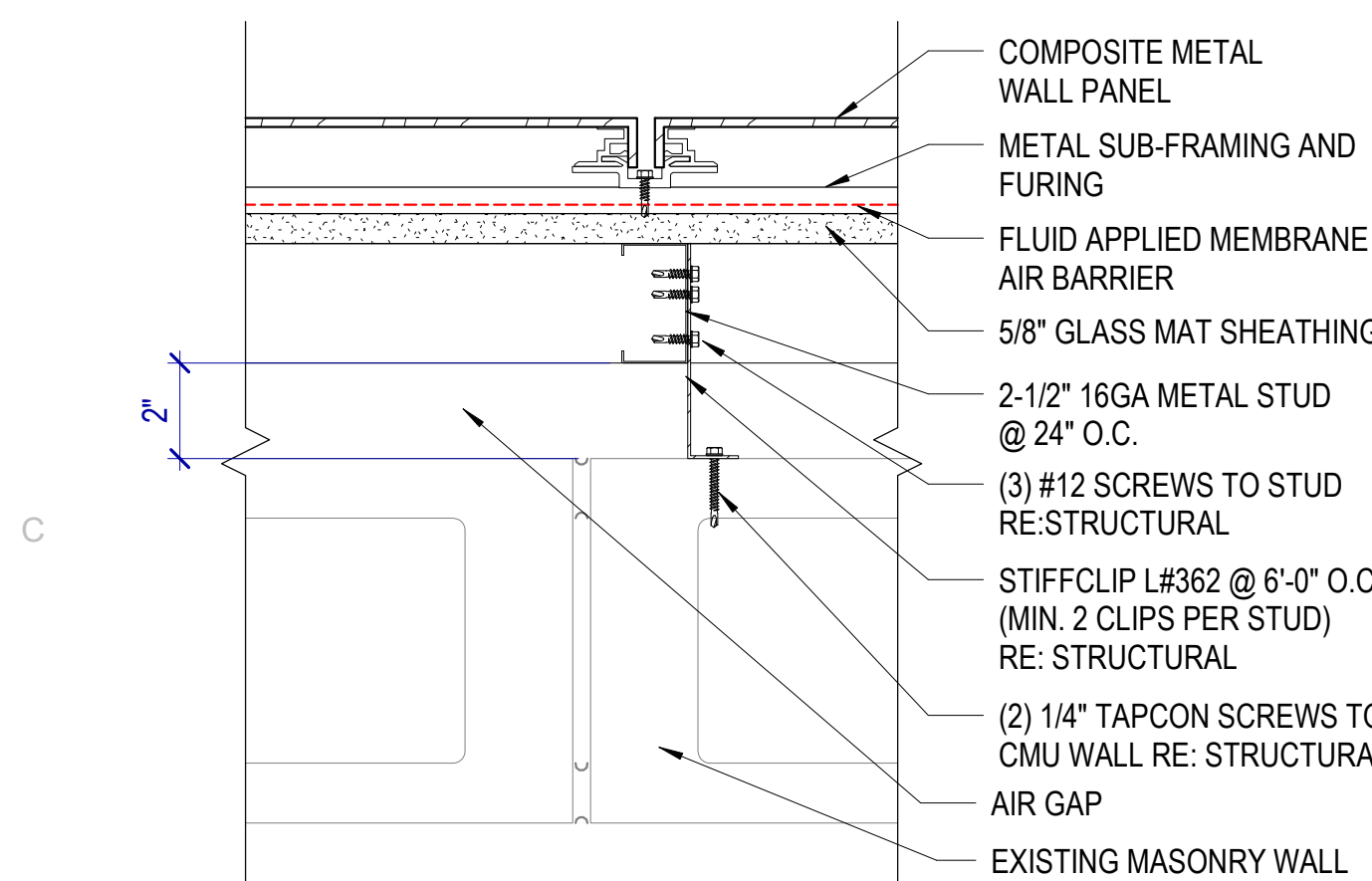
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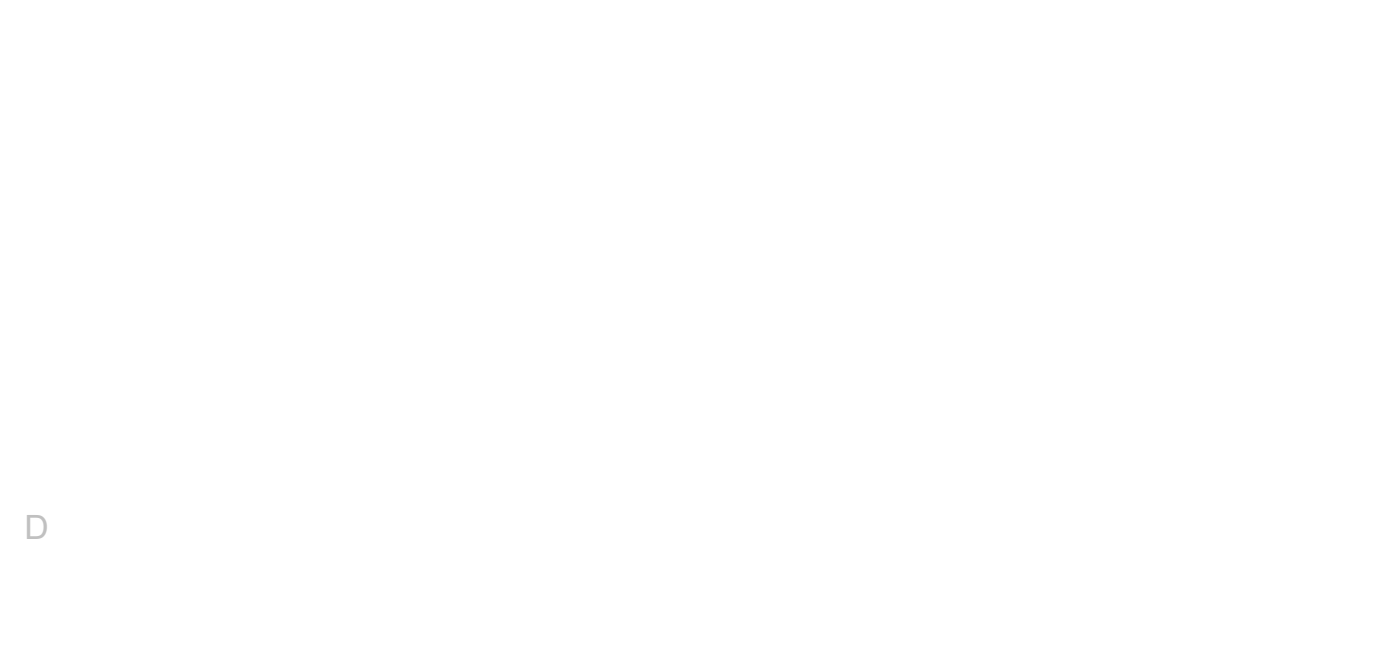
E4D WALL TYPE E4D
SCALE: 3" = 1'-0"



E4C WALL TYPE E4C
SCALE: 3" = 1'-0"



E4B WALL TYPE E4B
SCALE: 3" = 1'-0"



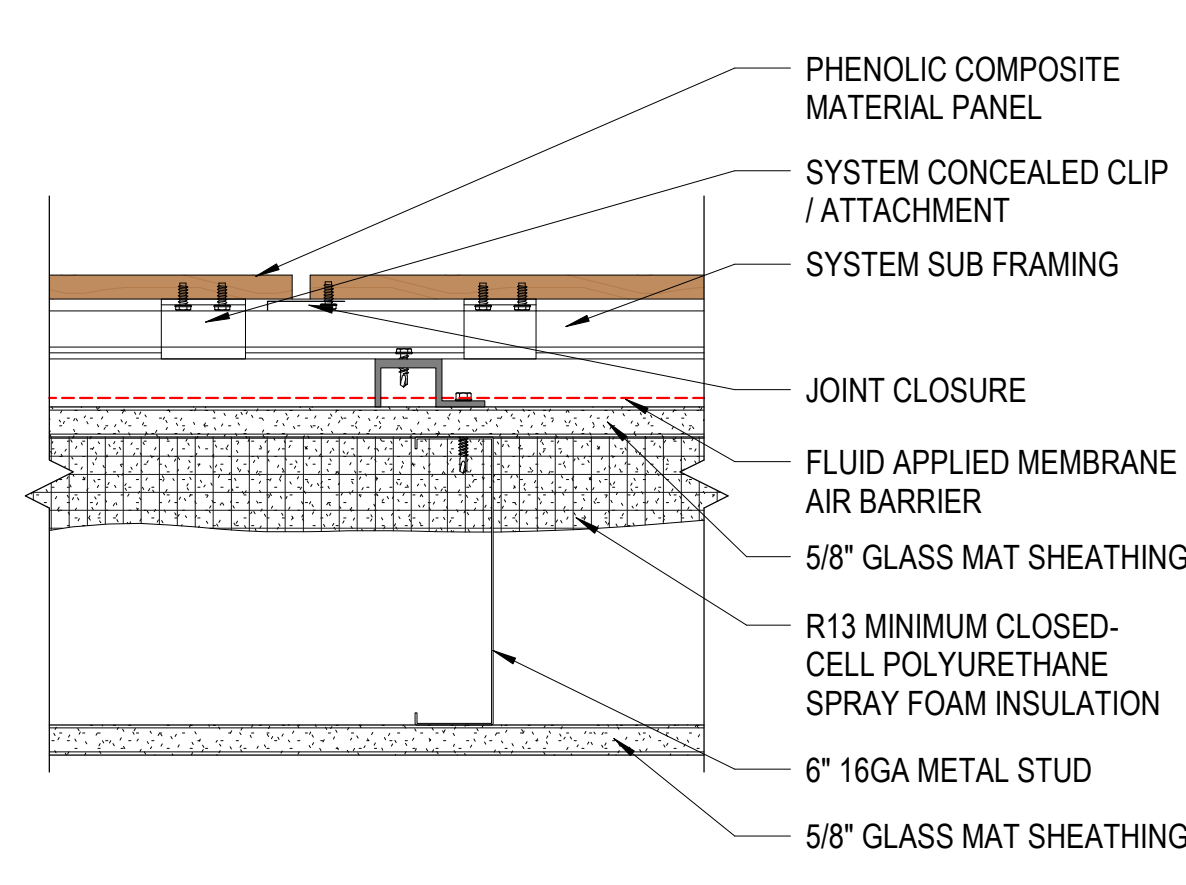
E4A WALL TYPE E4A
SCALE: 3" = 1'-0"



E3D WALL TYPE E3D
SCALE: 3" = 1'-0"



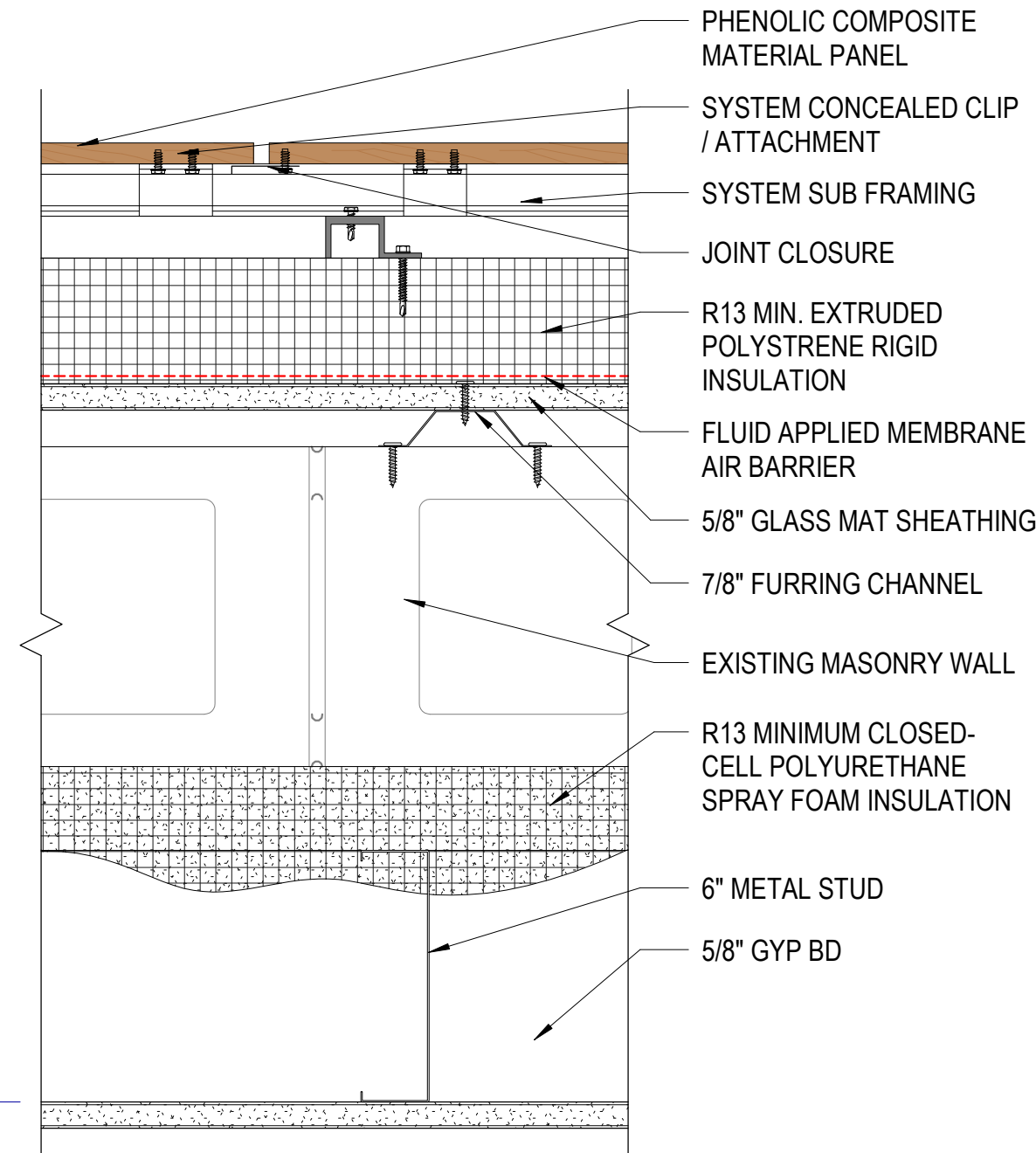
E3C WALL TYPE E3C
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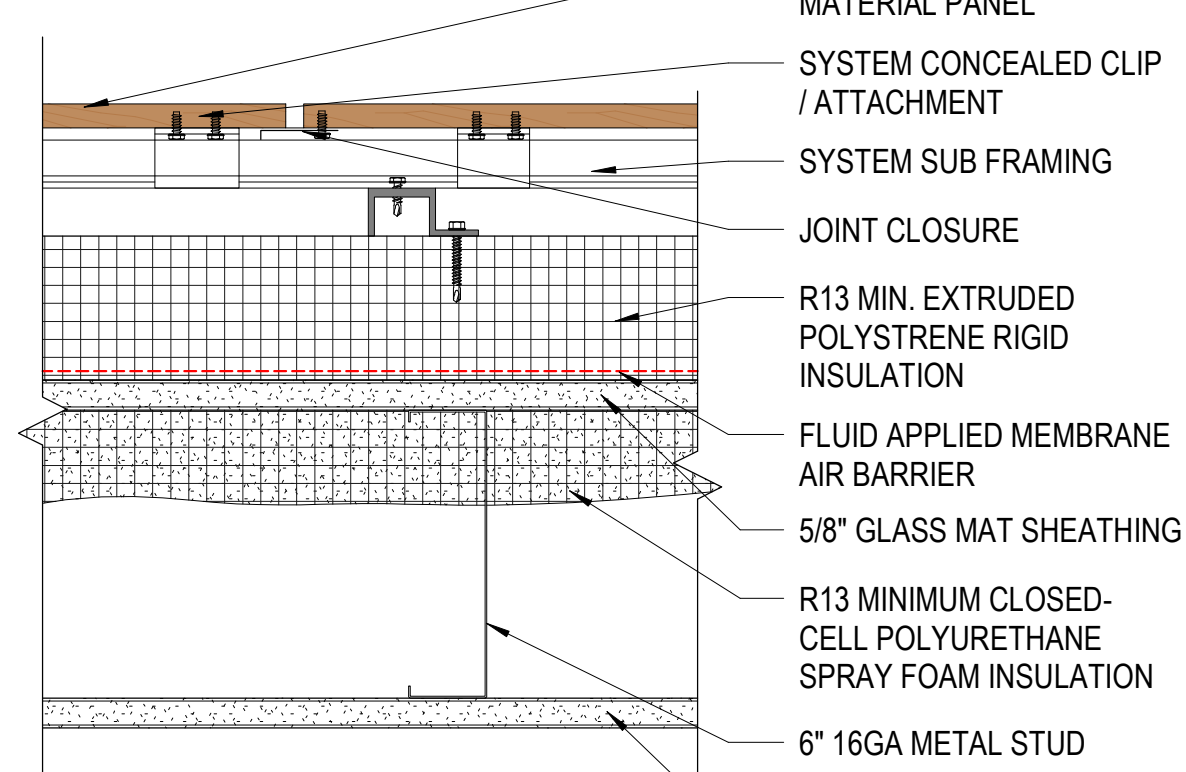
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SCALE: 3" = 1'-0"



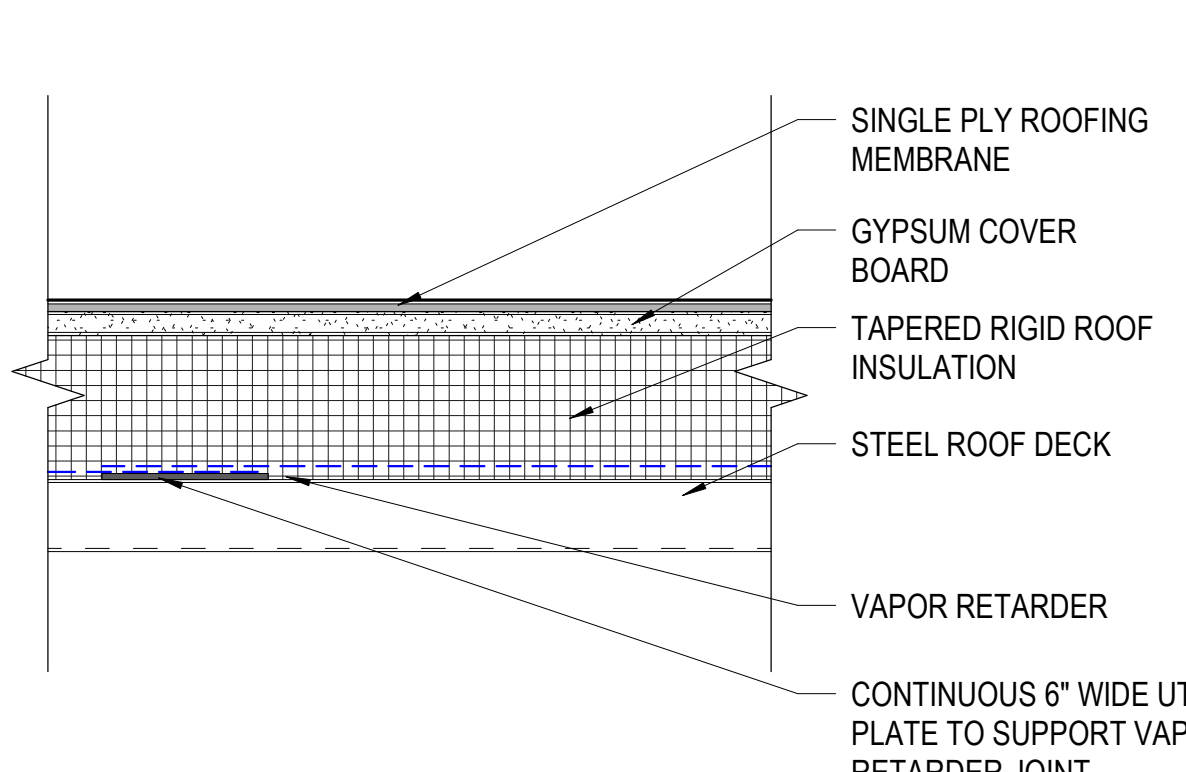
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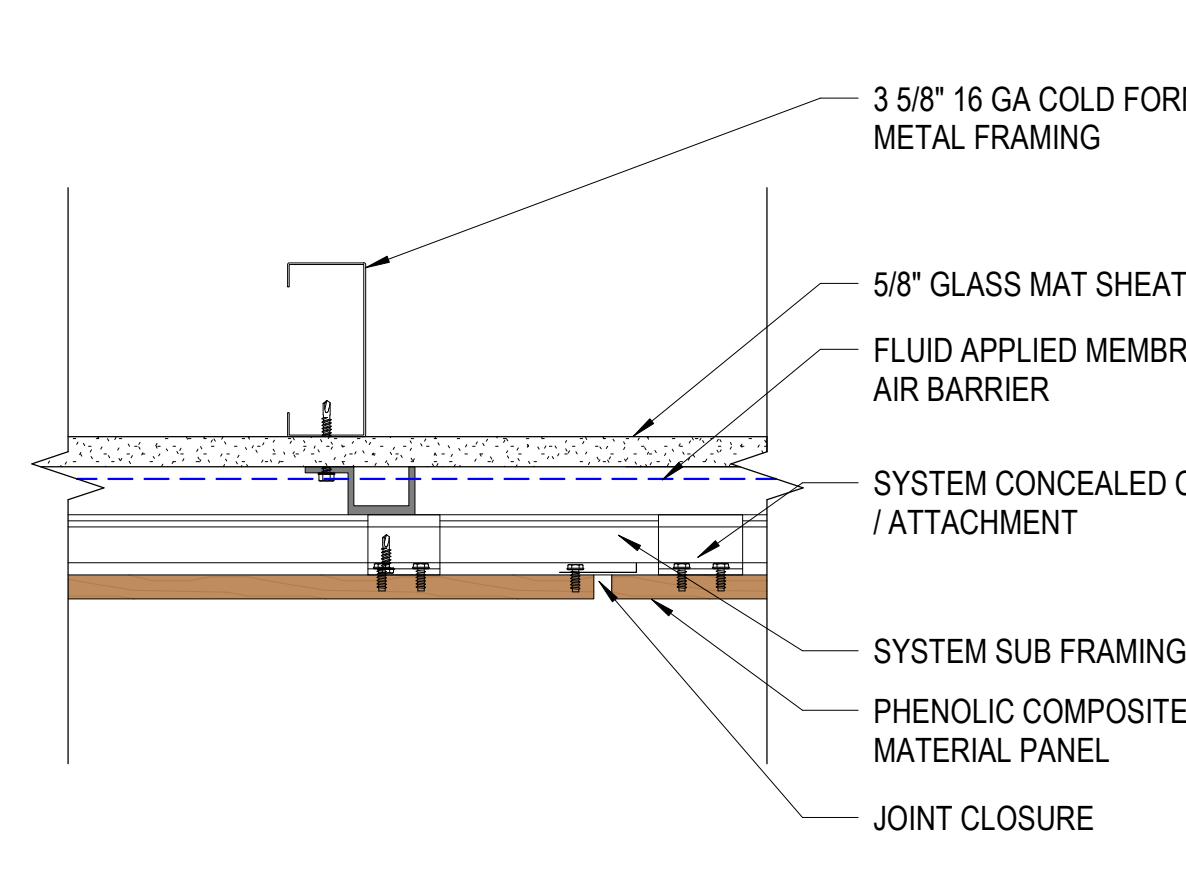
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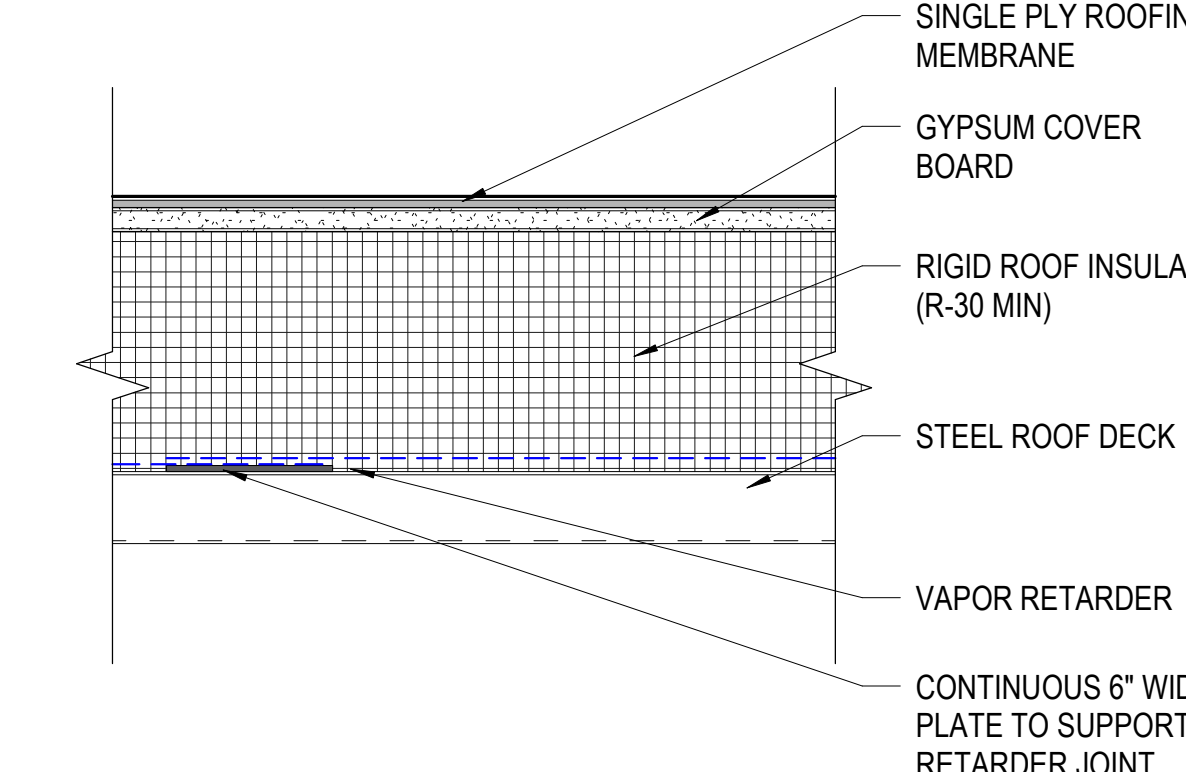
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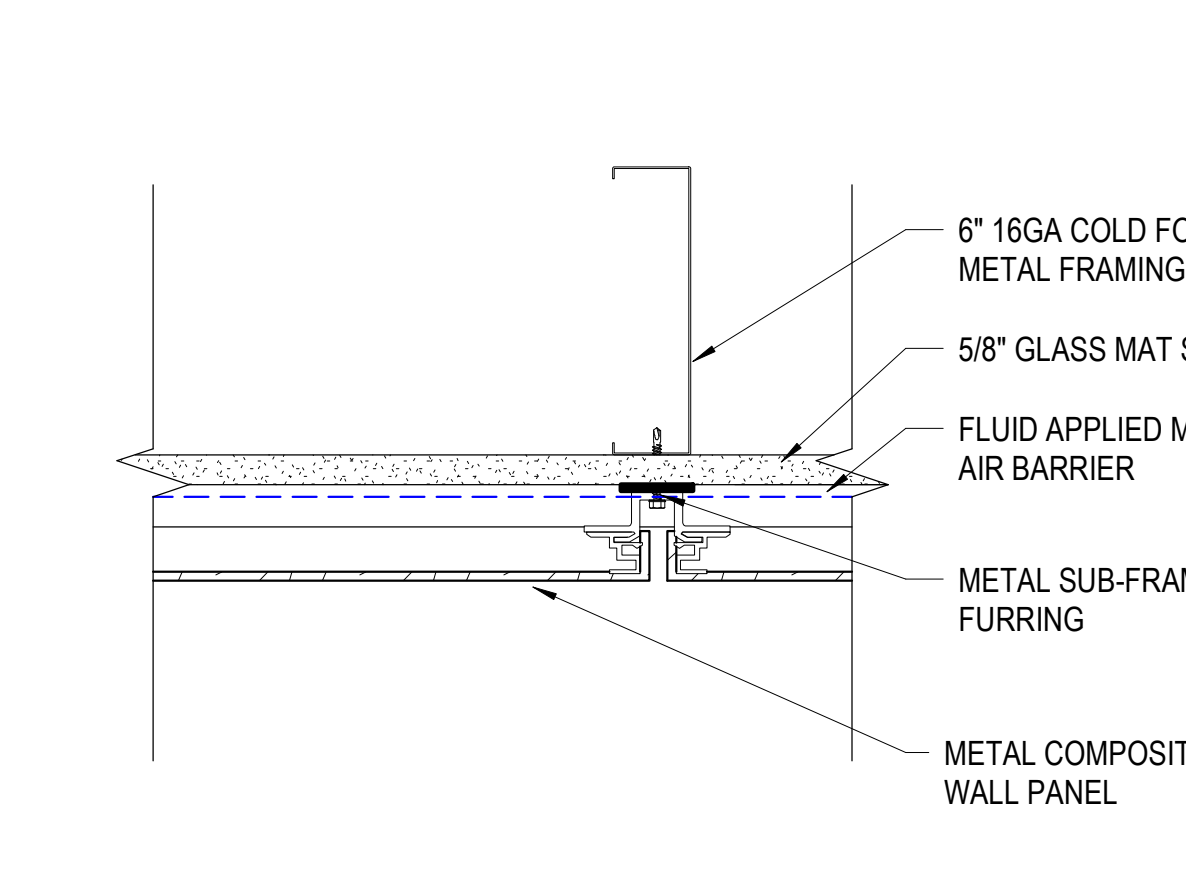
R2 ROOF TYPE R2
SCALE: 3" = 1'-0"



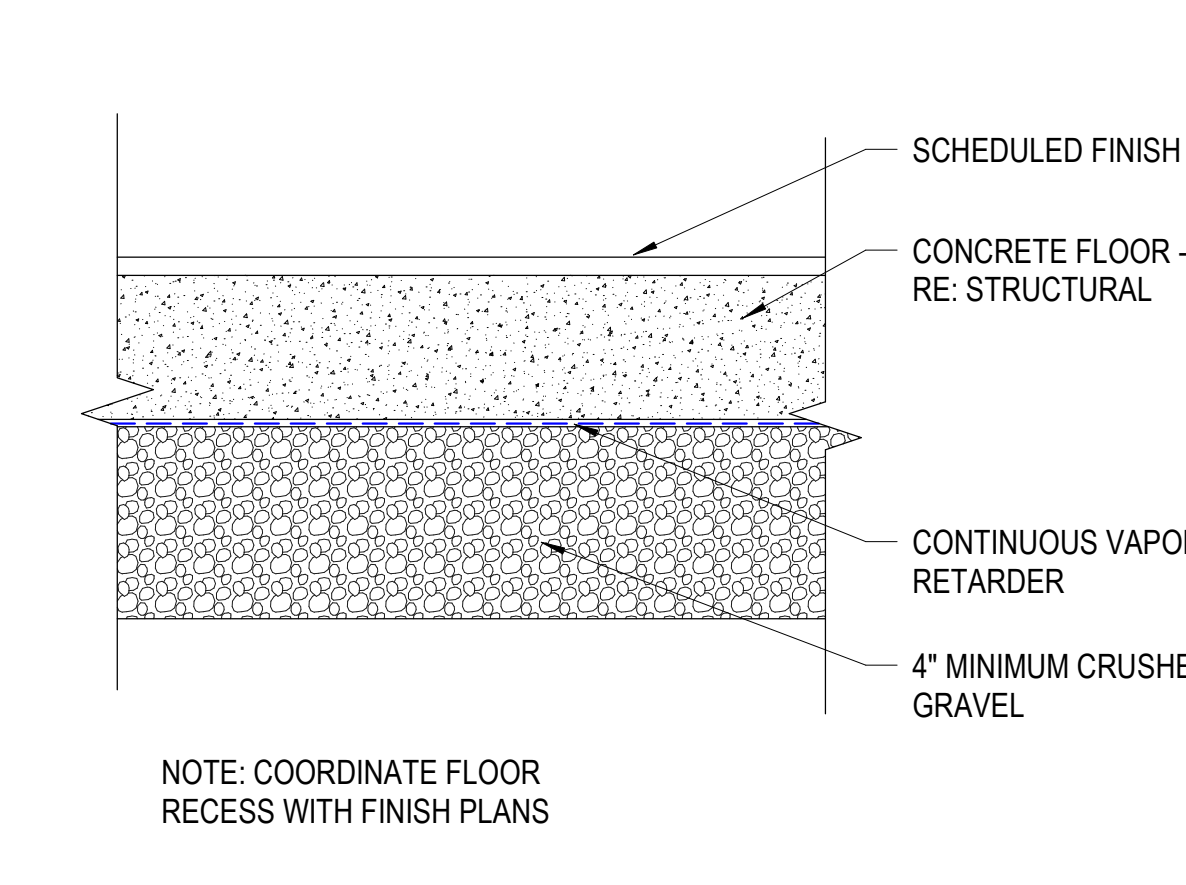
S2 SOFFIT TYPE S2
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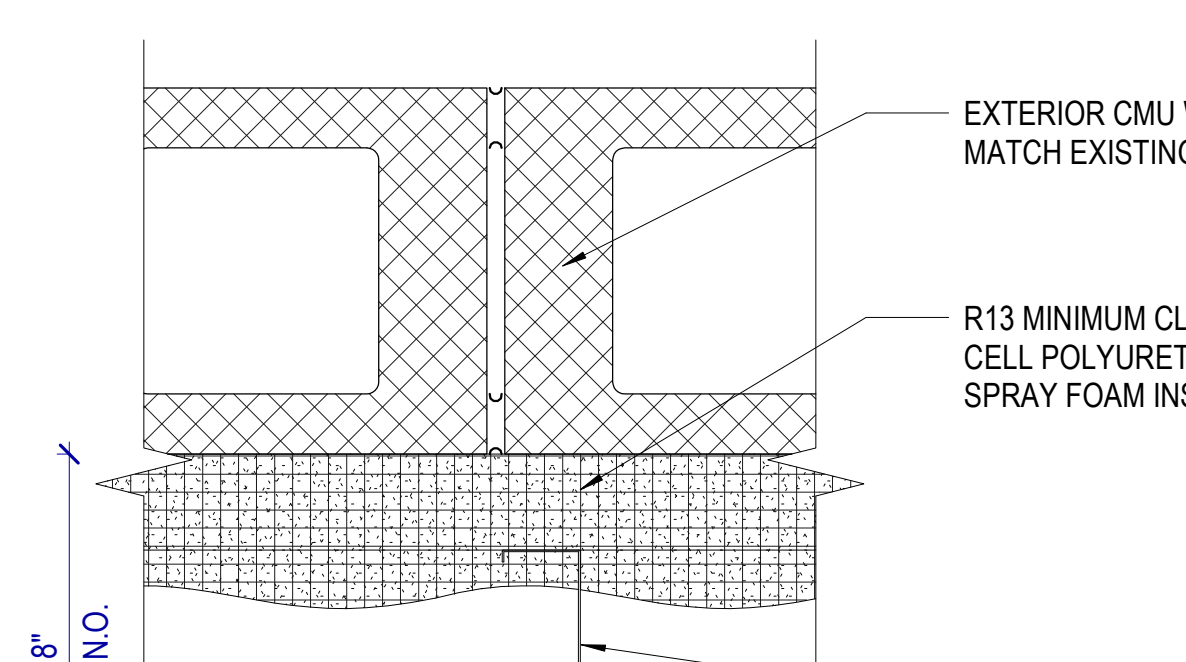
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SCALE: 3" = 1'-0"



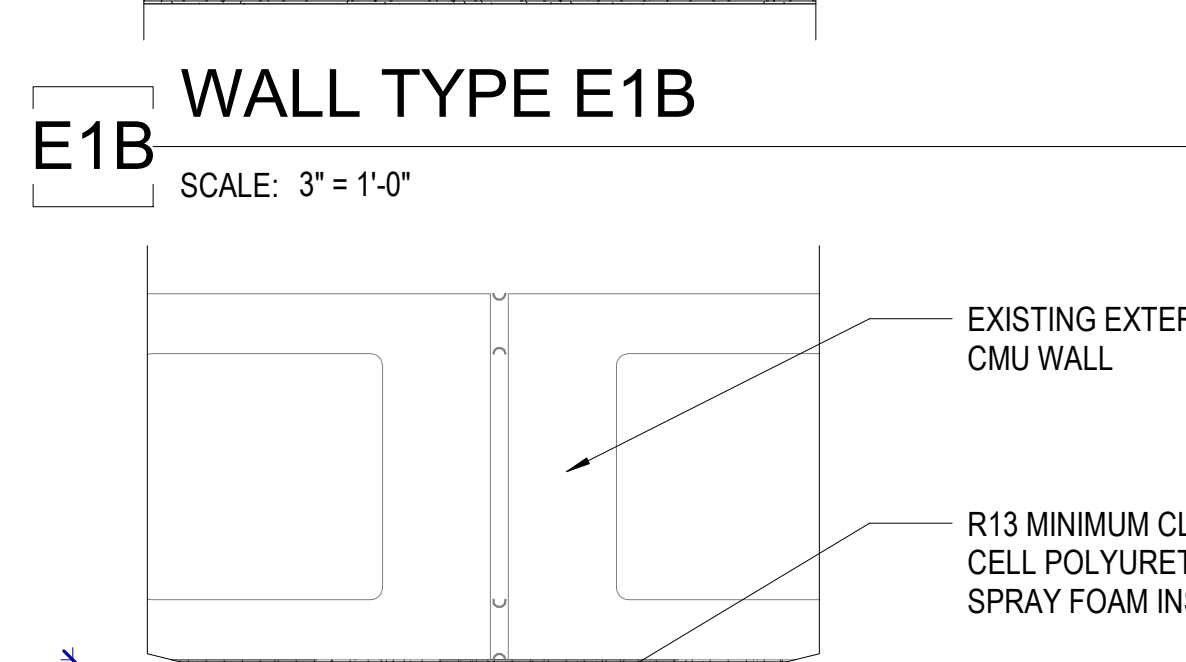
S1 SOFFIT TYPE S1
SCALE: 3" = 1'-0"



F1 FLOOR TYPE F1
SCALE: 3" = 1'-0"



E1B WALL TYPE E1B
SCALE: 3" = 1'-0"



E1 WALL TYPE E1
SCALE: 3" = 1'-0"

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SEAL

MHTN PROJECT NO. 2024528

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LAST REVISION DATE

NO.	DATE	DESCRIPTION

JORDAN LEARNING CENTER

LOCATED IN THE NORTHWEST QUARTER OF SECTION 8, TOWNSHIP 3 SOUTH, RANGE 1 WEST, SALT LAKE BASE AND MERIDIAN, U.S. SURVEY SOUTH JORDAN, SALT LAKE COUNTY, UTAH

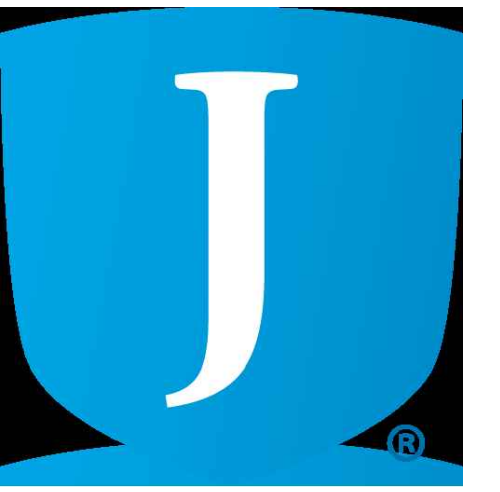
CONSTRUCTION DOCUMENTS

AUGUST 2024

MHTN ARCHITECTS
MHTN Architects, Inc.
280 South 400 West
Suite 250
Salt Lake City, Utah 84101
Telephone (801) 595-6700
www.mhtn.com

Galloway

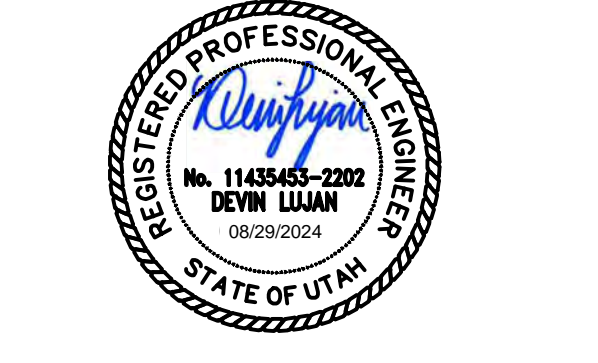
172 N. East Promontory, Suite 274
Farmington, UT 84025
801.953.1357
GallowayUS.com



JORDAN SCHOOL DISTRICT JORDAN LEARNING CENTER 3706 WEST 9800 SOUTH SOUTH JORDAN, UT 84009

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SEAL



MHTN PROJECT NO. 2024528

Original Drawing is 30 x 42. Do not scale contents of the drawing.

CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE.

NO.	DATE	DESCRIPTION

ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME
COVER SHEET

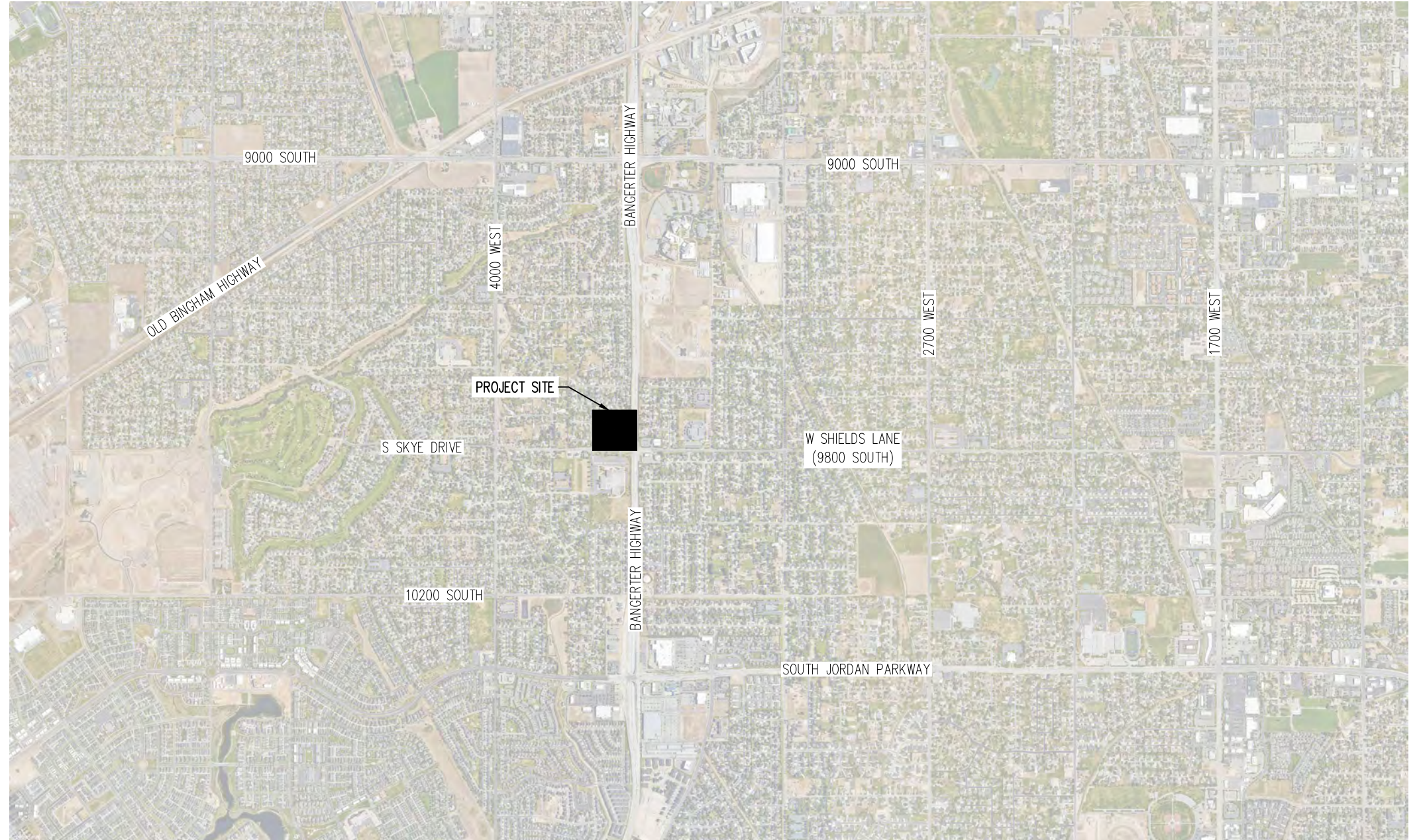
SHEET NUMBER
CV100

PROJECT CONTACTS

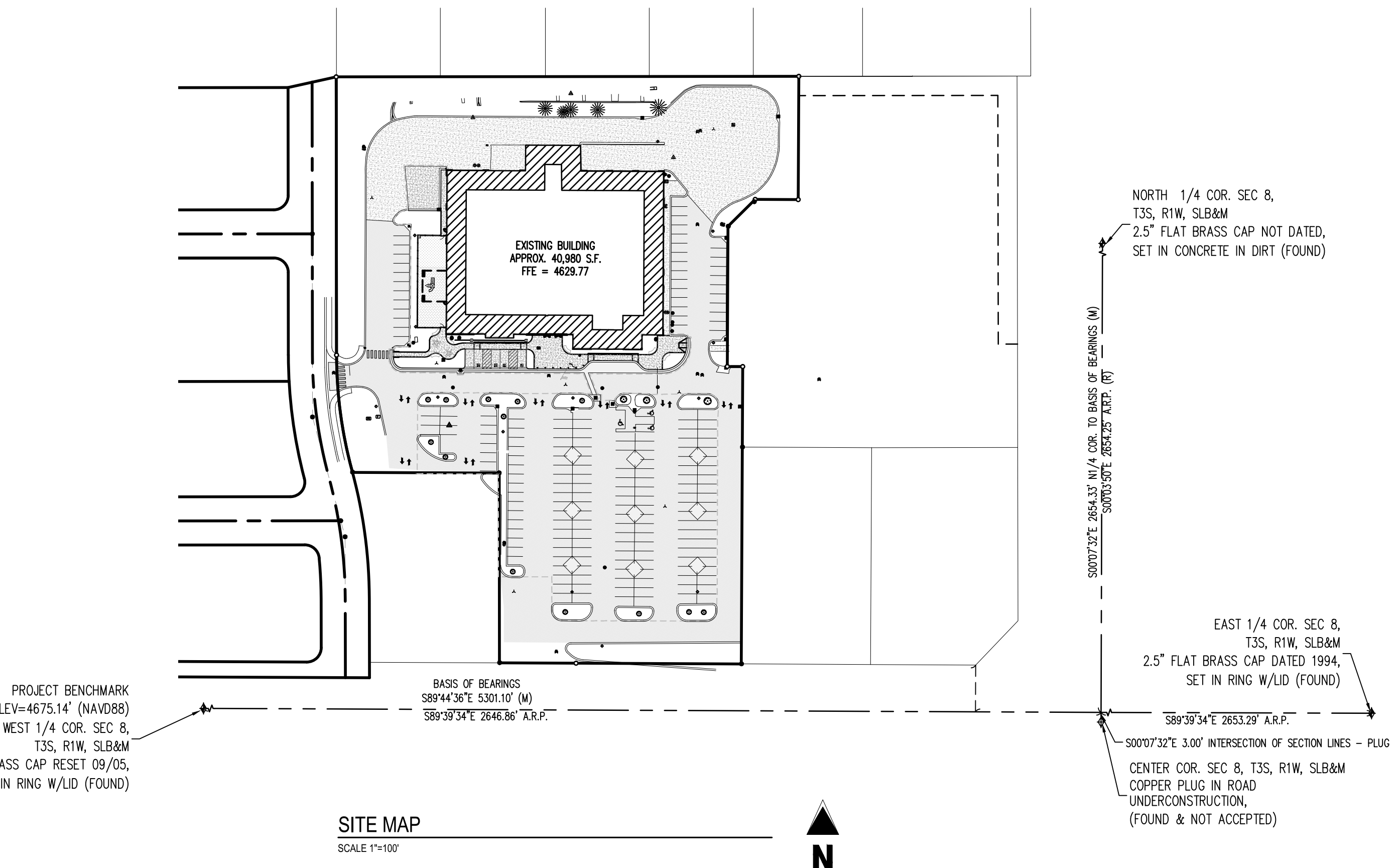
PROPERTY OWNER DEVELOPER	PLANNING
JORDAN SCHOOL DISTRICT 7387 SOUTH VIEW DRIVE WEST JORDAN, UT 84094 TEL: (801) 957-8100 ATTN:	SOUTH JORDAN PLANNING AND ZONING 1600 W. TOWNE CENTER DR. SOUTH JORDAN, UT 84095 TEL: (801) 254-6008 ATTN:
ARCHITECT	PUBLIC WORKS
MHTN ARCHITECTS 280 SOUTH 400 WEST, SUITE 250 SALT LAKE CITY, UT 84101 TEL: (801) 595-6700 ATTN: CLIFFORD CURTIS, AIA	SOUTH JORDAN PUBLIC WORKS 1096 S REDWOOD ROAD SOUTH JORDAN, UT 84095 TEL: (801) 446-4357 ATTN:
CIVIL ENGINEER	BUILDING DEPARTMENT
GALLOWAY & COMPANY, INC. 172 N EAST PROMONTORY, SUITE 274 FARMINGTON, UT 84025 TEL: (801) 953-1357 CONTACT: DEVIN LUJAN, PE	SOUTH JORDAN BUILDING DEPARTMENT 1600 W. TOWNE CENTER DRIVE SOUTH JORDAN, UT 84095 TEL: (801) 254-3742 ATTN: CORY DAY
SURVEYOR	ENGINEERING
GALLOWAY & COMPANY, INC. 172 N EAST PROMONTORY, SUITE 274 FARMINGTON, UT 84025 TEL: (801) 248-0460 CONTACT: TROY KENDALL, UAS PILOT	SOUTH JORDAN ENGINEERING DEPARTMENT 1600 W. TOWNE CENTER DRIVE SOUTH JORDAN, UT 84095 TEL: (801) 254-3742 ATTN: SHANE GREENWOOD, PE

UTILITY CONTACTS

POWER
ROCKY MOUNTAIN POWER TEL: (801) 673-6993
WATER
SOUTH JORDAN CITY WATER TEL: (801) 253-5203
SANITARY SEWER
SOUTH VALLEY SEWER DISTRICT TEL: (801) 957-7692
GAS
ENBRIDGE GAS, INC. TEL: (877) 962-7434
STORM DRAIN
SOUTH JORDAN CITY UTILITIES TEL: (801) 253-5203
TELECOMMUNICATIONS
COMCAST TEL: (435) 224-2356
CENTRACOM INTERACTIVE TEL: (435) 427-3331
LUMEN/CENTURYLINK TEL: (866) 476-7327
FIRST DIGITAL TEL: (801) 458-1095



VICINITY MAP
NOT TO SCALE



SITE MAP
SCALE 1"=100'

SHEET LIST TABLE

Sheet Number	Sheet Title
CV100	Cover Sheet
CV101	General Notes
CD100	Demolition Plan
CS100	Site Plan
CS500	Site Details
GI100	Grading Plan
CU100	Utility Plan

SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL, DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

NOTE: CONTRACTOR SHALL PROTECT ALL EXISTING SURVEY MONUMENTATION. CONTRACTOR SHALL HAVE LICENSED SURVEYOR REPLACE ANY DAMAGED OR DISTURBED MONUMENTATION AT THEIR COST.

CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL INFORMATION FOR FINAL ACCEPTANCE OF WORK FOR ANY LOCAL, STATE OR FEDERAL AGENCY, UTILITY DISTRICT OR ANY OTHER AGENCY OR DISTRICT HAVING APPROVAL AUTHORITY OVER WORK. THIS INFORMATION MAY INCLUDE, BUT IS NOT LIMITED TO, AS-BUILT PLANS, CERTIFICATIONS, INSPECTIONS AND REPORTS.

NOTE: CONTRACTOR MUST COORDINATE WORK WITH UTILITY COMPANY AND CITY PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, PERMITS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

BASIS OF BEARING
AN ASSUMED BEARING OF SOUTH 67°44'30" EAST BETWEEN A FOUND MONUMENT REPRESENTING THE WEST QUARTER CORNER 2.5" FLAT BRASS CAP RESET 1985, SET IN RING WITH LILO OF SECTION 8, TOWNSHIP 3 SOUTH, RANGE 1 WEST, SALT LAKE BASE AND MERIDIAN AND A FOUND MONUMENT REPRESENTING THE EAST QUARTER CORNER 2.5" FLAT BRASS CAP DATED 1994, SET IN RING WITH LILO OF SAID SECTION 8, WAS USED AS THE BASIS OF BEARINGS FOR THIS SURVEY.

BENCHMARK
PROJECT BENCHMARK ELEVATION = 4675.14' (NAVD88) THE WEST QUARTER CORNER OF SECTION 8, TOWNSHIP 3 SOUTH, RANGE 1 WEST, SALT LAKE BASE AND MERIDIAN

LEGAL DESCRIPTION
COMMENCING FROM THE WEST QUARTER CORNER OF SECTION 8, TOWNSHIP 3 SOUTH, RANGE 1 WEST, SALT LAKE BASE AND MERIDIAN, THENCE S89°44'30"E 2,438.61 FEET; THENCE S00°19'21"E 44.49 FEET TO THE SOUTHEAST CORNER OF SOUTH JORDAN NEIGHBORHOOD MARKET SUBDIVISION, FILED IN THE SALT LAKE COUNTY RECORDER'S OFFICE AS ENTRY NUMBER 820686, BOOK 202P, PAGE 18; THENCE N89°43'16"W ALONG THE SOUTH LINE OF SAID SUBDIVISION 243.21 FEET TO THE SOUTHEAST CORNER OF LOT 1 AND POINT OF BEGINNING, THENCE CONTINUING ALONG SAID SOUTH LINE THE FOLLOWING TWO (2) COURSES: (1) N89°43'16"W, 171.41 FEET; (2) N89°43'16"W, 75.45 FEET; THENCE N07°30'19"W, 161.64 FEET; THENCE N89°43'16"W, 102.64 FEET TO THE EAST LINE OF ELK VIEW DRIVE AND THE WEST BOUNDARY LINE OF SAID SUBDIVISION, THENCE ALONG SAID LINE THE FOLLOWING THREE (3) COURSES: (1) ALONG A CURVE TO THE LEFT, HAVING A RADIUS OF 511.00 FEET, A CENTRAL ANGLE OF 90°22'17", A DISTANCE OF 1.65 FEET; (2) A CHORD BEARING N4°52'39"W, 1.82 FEET TO THE BEGINNING OF A REVERSE CURVE; (3) ALONG SAID REVERSE CURVE TO THE RIGHT, HAVING A RADIUS OF 480.00 FEET, A CENTRAL ANGLE OF 15°08'19", A DISTANCE OF 121.39 FEET; (CHORD BEARING N07°30'39"W, 121.04 FEET); (3) N07°30'19"W, 288.42 FEET TO THE SOUTH BOUNDARY OF ELK MEADOWS ESTATES NO. 2, FILED IN THE SALT LAKE COUNTY RECORDER'S OFFICE AS ENTRY NUMBER 607990, BOOK 95-1P, PAGE 30; AND THE NORTH BOUNDARY OF SAID SOUTH JORDAN NEIGHBORHOOD MARKET SUBDIVISION; THENCE N60°50'00"E WITH SAID NORTH LINE, 479.90 FEET; THENCE S00°16'44"W, 127.87 FEET; THENCE N89°43'16"W, 44.65 FEET; THENCE S41°18'44"W, 39.72 FEET; THENCE S00°16'44"W, 145.41 FEET; THENCE S89°43'16"E, 15.99 FEET; THENCE S00°16'44"W, 338.55 FEET TO THE POINT OF BEGINNING.

CONTAINS 227.344 SQUARE FEET OR 5.22 ACRES, MORE OR LESS.
THIS DESCRIPTION DESCRIBES THE SAME REAL ESTATE AS THE RECORD DESCRIPTION.

CAUTION - NOTICE TO CONTRACTOR
1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION. **Call before you dig.**

2. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION AND SIZE OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLDING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.

DEMOLITION NOTES

- 1. ALL DEMOLITION TO BE IN ACCORDANCE WITH STATE, LOCAL, AND FEDERAL REQUIREMENTS.
2. CONTRACTOR TO OBTAIN ALL PERMITS AND LICENSES REQUIRED FOR DEMOLITION OF WORK SHOWN.
3. CONTRACTOR TO OBTAIN ALL STATE AND CITY STORM WATER DISCHARGE AND EROSION CONTROL PERMITS PRIOR TO ANY DISTURBANCE AND/OR GRADING ACTIVITY.
4. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR MINIMIZING DEPOSITION OF ONSITE SEDIMENTS ONTO SURROUNDING PROPERTIES AND PUBLIC STREETS DURING CONSTRUCTION, MAINTAINING SWPPP DOCUMENTS, FILING NOI AND NOTI, REFER TO EROSION CONTROL PLANS AND DETAILS FOR ADDITIONAL INFORMATION.
5. ALL UNDERGROUND STORM SEWER, WATER, AND SANITARY SEWER MAIN LOCATIONS ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY.
6. ALL UNDERGROUND GAS AND ELECTRIC UTILITY INFORMATION SHOWN IS BASED ON MAPS PROVIDED BY UTILITY COMPANY AND ARE TO BE CONSIDERED AS AN APPROXIMATE LOCATION ONLY BASED ON SAID MAPS.
7. CONTRACTOR TO VERIFY ALL UTILITY SERVICE LOCATIONS AND EXISTING SITE CONDITIONS PRIOR TO PROCEEDING. ANY SITE CONDITIONS THAT ARE NOT AS SHOWN MUST BE REPORTED TO THE OWNERS REPRESENTATIVE PRIOR TO BID.
8. CONTRACTOR TO REMOVE OR RELOCATE EXISTING UTILITIES PER UTILITY COMPANY REQUIREMENTS.
9. CONTRACTOR TO ERECT BARRIERS, FENCES, GUARDRAILS, ENCLOSURES, ETC. TO PROTECT SITE. THE PROTECTION PLAN MUST BE REVIEWED BY THE COMPANY REPRESENTATIVE PRIOR TO PROCEEDING.
10. COMPANY REPRESENTATIVE WILL DETERMINE WHEN CONDITIONS ARE SUITABLE TO COMMENCE WORK. CONTRACTOR TO VERIFY AREAS TO BE DEMOLISHED ARE UNOCCUPIED AND NOT IN USE.
11. TRANSPORT AND LEGALLY DISPOSE OF DEBRIS IN AREA LAWFUL CONSTRUCTION DEBRIS FACILITY. DO NOT STORE OR BURN MATERIALS ON SITE.
12. REMOVE ALL ASPHALT, TREES, POSTS AND OTHER IMPROVEMENTS UNLESS THE ITEM IS SPECIFIED TO REMAIN.
13. SEE PROJECT DOCUMENTS FOR EXISTING ITEMS TO BE SALVAGED AND OTHER REQUIREMENTS PERTAINING TO THE SALVAGE THEREOF.
14. REMOVE ALL EXISTING FOUNDATION WALLS AND FOOTINGS COMPLETELY UNLESS OTHERWISE NOTED OR SPECIFIED.
15. ANY FILL MATERIAL REQUIRED TO BRING THE SITE TO GRADE SHALL CONSIST OF CLEAN ENGINEERED FILL, IN ACCORDANCE WITH THE PROJECT DOCUMENTS AND APPROVED BY THE CIVIL AND GEOTECHNICAL ENGINEERS.
16. ANY FILL MATERIAL IN OLD BASEMENTS, CESSPOOLS, AND OTHER LARGE EXCAVATED AREAS SHALL CONSIST OF CLEAN ENGINEERED FILL, IN ACCORDANCE WITH THE PROJECT DOCUMENTS AND APPROVED BY THE CIVIL AND GEOTECHNICAL ENGINEERS.
17. ANY FILL MATERIAL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT RECOMMENDATIONS. GRADE TO MATCH EXISTING OR PROPOSED FINISHED GRADE.

GENERAL CONSTRUCTION NOTES

- 1. REQUIREMENTS SHOWN ON SITE PLAN SHALL GOVERN, DRAWINGS AND SPECIFICATIONS SHOWING OTHERWISE NOTWITHSTANDING. CONTRACTOR TO POINT OUT ANY DISCREPANCIES TO THE OWNERS REPRESENTATIVE PRIOR TO BID.
2. NO WORK IS TO BEGIN UNTIL ALL PERMITS HAVE BEEN OBTAINED.
3. SEE THE SITE SURVEY FOR SURVEY INFORMATION & LEGAL DESCRIPTION.
4. VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE, NOTIFY ENGINEER OF ANY DISCREPANCIES.
5. ALL WORK IN PUBLIC RIGHT OF WAY SHALL BE IN ACCORDANCE WITH APPLICABLE PUBLIC WORKS STANDARDS.
6. GENERAL CONTRACTOR TO REFER TO STANDARD DETAILS AND INSTALLATION GUIDELINES INCLUDED IN THE SPECIFICATIONS AND PRODUCT INFORMATION FOR INSTALLING EQUIPMENT, INCLUDING PRODUCT DISPENSERS AND RELOCATE READ-OUT EQUIPMENT.
7. GENERAL CONTRACTOR TO PROVIDE BARRICADE PROTECTION WITH FLASHING LIGHTS AROUND ALL OFF-SITE EXCAVATIONS AND ALL OFF-SITE WORK.
8. SET PROPERTY CORNER PINS IN CONCRETE. IF PROPERTY CORNERS ARE DESTROYED BY CONTRACTOR, THE CONTRACTOR SHALL BEAR THE EXPENSE OF RELOCATING CORNERS BY A REGISTERED SURVEYOR.
9. CONTRACTOR TO PROVIDE ALL EQUIPMENT AND PERSONNEL REQUIRED FOR FINAL CHECKOUT OF ALL FACILITIES BY OWNERS REPRESENTATIVE.
10. GENERAL CONTRACTOR TO PERFORM GENERAL YARD AND BUILDING CLEAN-UP AT COMPLETION OF WORK.
11. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR MINIMIZING DEPOSITION OF ONSITE SEDIMENTS ONTO SURROUNDING PUBLIC STREETS DURING CONSTRUCTION, MAINTAINING SWPPP DOCUMENTS, FILING NOI AND NOTI, REFER TO EROSION CONTROL PLANS AND DETAILS FOR ADDITIONAL INFORMATION.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECORDING AS-BUILT INFORMATION ON A SET OF RECORD DRAWINGS KEPT ON THE CONSTRUCTION SITE, AND AVAILABLE TO THE CITY, ITS AGENTS, OWNER OR GALLOWAY AT ALL TIMES. DIMENSIONS SHALL BE ANNOTATED ON AS-BUILT RECORD DRAWINGS.
13. TRENCHES SHALL BE SLOPED OR BRACED AND SHIELDED AND IN ACCORDANCE WITH OSHA STANDARDS FOR THE SAFETY OF THE WORKERS AND THE PROTECTION OF OTHER UTILITIES. IN COMPLIANCE WITH ALL APPLICABLE STATE OF FEDERAL REQUIREMENTS, FOR ALL EXCAVATION OPERATIONS, SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR.
14. ALL FERROUS METAL MATERIAL BURIED BELOW GRADE TO BE WRAPPED IN POLY WRAP OR CATHODICALLY PROTECTED TO PREVENT CORROSION WHERE ON-SITE SOIL, BEDROCK, AND LOCAL IMPACT SOIL SOURCES CONTAIN SULFATE CONCENTRATIONS CORRESPONDING TO SEVERE POTENTIAL SULFATE ATTACK ON CONCRETE EXPOSED TO THESE MATERIALS.
15. CONTRACTOR TO PROVIDE CONCRETE JOINTING PLAN SUBMITTAL TO ENGINEER FOR APPROVAL A MINIMUM OF X WEEKS BEFORE CONCRETE IS POURED.

GRADING NOTES

- 1. ELEVATIONS ON THIS PLAN MAY BE EXPRESSED WITH THE FIRST TWO DIGITS TRUNCATED, ADD 4800 TO THESE ELEVATIONS ACCORDINGLY.
2. ALL SPOT GRADES ARE TO FLOWLINE UNLESS OTHERWISE NOTED.
3. PROPOSED FLOWLINE ELEVATION DOES NOT TAKE INTO ACCOUNT GUTTER DEPRESSION AT INLET.
4. ALL TOP OF CURB ELEVATIONS ARE IF HIGHER THAN FLOWLINE ELEVATIONS SHOWN ON DRIVES UNLESS OTHERWISE NOTED.
5. FINAL GRADES ARE SUBJECT TO MINOR CHANGE BY COMPANY REPRESENTATIVE. NO GRADE CHANGES IN EXCESS OF 0.04' WITHOUT ENGINEERS APPROVAL.
6. GRADING/UTILITY CONTRACTOR TO COMPLETE GRADING BELOW FINISHED GRADE IN ACCORDANCE WITH PAVING RECOMMENDATIONS OF THE GEOTECHNICAL REPORT PREPARED FOR THIS SITE. SHOWN TO TOLERANCE OF +0.04' IN ALL PAVING AREAS.
7. ALL LANDSCAPING AREAS SHALL BE GRADED TO WITHIN 0.10' WITH LANDSCAPE ARCHITECT APPROVED TOP SOIL TO A MINIMUM DEPTH OR AS DIRECTED BY THE LANDSCAPE ARCHITECT.
8. CONTRACTOR MUST MAINTAIN RUNNING SLOPE ON ALL SIDEWALKS NO STEEPER THAN 6.6%. THE CROSS-SLOPE FOR ALL SIDEWALKS MUST BE NO STEEPER THAN 2.0%. ALL SIDEWALKS MUST HAVE A MINIMUM CLEAR WIDTH OF 80". ALL ADA RAMPS SHALL HAVE A SLOPE NO STEEPER THAN 8.33%. ADA PARKING SPACES AND REFUGE GRADES SHALL NOT EXCEED 2% IN ANY DIRECTION. IF GRADES ON GRADING PLAN DO NOT MEET THIS REQUIREMENT, NOTIFY ENGINEER IMMEDIATELY.
9. THE CLIENT AND CONTRACTOR SHOULD IMMEDIATELY NOTIFY THE ENGINEER OF ANY CONDITIONS IN THE PROJECT THAT THEY BELIEVE DO NOT COMPLY WITH THE CURRENT STATE OF THE ADA AND FHAA.
10. THE SITE SHALL BE CLEARED AND GRUBBED OF ALL VEGETATION AND DELETERIOUS MATTER PRIOR TO GRADING.
11. NO GEOTECHNICAL REPORT WAS AVAILABLE FOR THIS PROJECT.
12. REGARDLESS OF DISCLAIMERS IN THE BID, IF THE CONTRACTORS EARTHWORK BID ASSUMES EXISTING SITE MATERIAL IS REUSABLE, AND EITHER THE MATERIAL IS NOT APPROVED FOR REUSE OR THE USE OF THE MATERIAL CAUSES DELAYS AND EXTRA COSTS, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE IMPACTS TO COST AND SCHEDULE.
13. ANY FILL MATERIAL REQUIRED TO BRING THE SITE TO GRADE SHALL CONSIST OF CLEAN ENGINEERED FILL, IN ACCORDANCE WITH THE PROJECT DOCUMENTS AND APPROVED BY THE CIVIL AND GEOTECHNICAL ENGINEERS.
14. ANY FILL MATERIAL IN OLD BASEMENTS, CESSPOOLS, AND OTHER LARGE EXCAVATED AREAS SHALL CONSIST OF CLEAN ENGINEERED FILL, IN ACCORDANCE WITH THE PROJECT DOCUMENTS AND APPROVED BY THE CIVIL AND GEOTECHNICAL ENGINEERS.
15. ALL FILL MATERIAL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT RECOMMENDATIONS. GRADE TO MATCH EXISTING OR PROPOSED FINISHED GRADE.
16. FILLS SHALL BE BENCHED INTO COMPETENT MATERIAL AS PER CIVIL SPECIFICATIONS AND RECOMMENDATIONS IN THE GEOTECHNICAL REPORT.
17. ALL TRENCH BACKFILL SHALL BE TESTED AND CERTIFIED BY THE GEOTECHNICAL ENGINEER.
18. A GEOTECHNICAL ENGINEER SHALL PERFORM PERIODIC INSPECTIONS AND SUBMIT A COMPLETE REPORT UPON COMPLETION.
19. THE FINAL COMPACTION REPORT AND CERTIFICATION FROM THE GEOTECHNICAL ENGINEER SHALL CONTAIN THE TYPE OF FIELD TESTING PERFORMED, EACH TEST SHALL BE IDENTIFIED WITH THE METHOD OF OBTAINING THE IN-PLACE DENSITY. WHETHER SAND CONE OR DRIVE RING AND SHALL BE SO NOTED FOR EACH TEST. SUFFICIENT MAXIMUM DENSITY DETERMINATIONS SHALL BE PERFORMED TO VERIFY THE ACCURACY OF THE MAXIMUM DENSITY CURVES USED BY THE FIELD TECHNICIAN.
20. CUT AND FILL SLOPES SHALL BE NO STEEPER THAN 2:1 (H:V).
21. CONTRACTOR TO OBTAIN ALL STATE AND CITY STORM WATER DISCHARGE AND EROSION CONTROL PERMITS PRIOR TO ANY DISTURBANCE AND/OR GRADING ACTIVITY.

GENERAL UTILITY NOTES

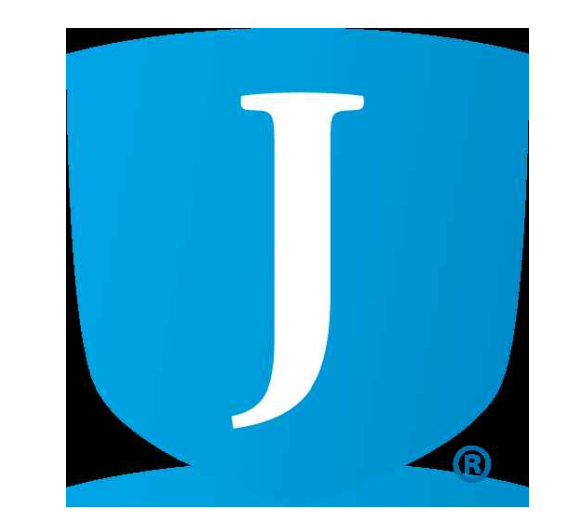
- 1. THE CONTRACTOR SHALL NOTIFY THE CITY, COUNTY AND REGULATORY AGENCY 72 WORKING HOURS PRIOR TO BEGINNING CONSTRUCTION.
2. THE CONTRACTOR SHALL HAVE ONE SIGNED COPY OF THE APPROVED PLANS, ONE COPY OF THE APPROPRIATE STANDARDS AND SPECIFICATIONS AND A COPY OF ANY PERMITS AND EXTENSION AGREEMENTS NEEDED AT THE JOB SITE AT ALL TIMES.
3. CONTRACTOR SHALL OBTAIN ALL NECESSARY TEMPLATES FROM EQUIPMENT SUPPLIERS AND STUB LINES ACCORDINGLY.
4. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL TAP FEES REQUIRED. OWNER SHALL PAY FOR ALL SPECIAL ASSESSMENTS.
5. CONTRACTOR IS RESPONSIBLE FOR ALL SURFACE RESTORATION (I.E. LANDSCAPE, ASPHALT, CONCRETE, ETC.)
6. ASPHALT / ROAD BASE, ETC. FOR PAVEMENT CONSTRUCTION TO BE INSTALLED ABOVE PIPE BACKFILL SHALL BE ACCORDING TO GEOTECHNICAL REPORT PREPARED FOR THIS PROJECT OR CITY/PURVEYOR STANDARDS, WHICHEVER IS MORE STRINGENT.
7. THE CONTRACTOR SHALL VERIFY THE INVERTS OF THE DOWNSTREAM TIE IN POINTS FOR ALL GRAVITY FLOW UTILITIES PRIOR TO BEGINNING ANY CONSTRUCTION; REPORT ANY DISCREPANCY TO THE ENGINEER.
8. CONTRACTOR TO VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES, WHETHER SHOWN OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY CONFLICTS TO THE ENGINEER.
9. ALL MANHOLE RIM ELEVATIONS SHOWN ON THESE PLANS ARE TO BE CONSIDERED APPROXIMATE. THE CONTRACTOR SHALL SET THE FINAL RIM ELEVATION BASED ON THE COMPLETED FINISH SURFACE.
10. LENGTHS OF PIPES ARE THE HORIZONTAL DISTANCES FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. THEREFORE, LENGTHS SHOWN ARE APPROXIMATE AND COULD VARY DUE TO VERTICAL ALIGNMENT AND STRUCTURE DIMENSIONS.
11. ALL POTABLE WATER MAINS AND SERVICE LINES SHALL BE BURIED AN ABSOLUTE MINIMUM OF 48" FROM FINISHED GRADE. THE MINIMUM BURY SHALL BE 60", UNLESS ADDITIONAL DEPTH IS REQUIRED FOR UTILITY CROSSINGS OR OTHER CONFLICTS. WHEREVER SUCH CROSSINGS OR CONFLICTS OCCUR, THE CITY/PURVEYOR CROSSING DETAIL SHALL BE USED.
12. ALL STORM DRAIN AND SANITARY SEWER PIPES SHALL HAVE A MINIMUM HORIZONTAL SEPARATION OF 10' FROM ALL WATER LINES.
13. WHERE LINES CROSS, THERE SHALL BE A MINIMUM OF 18" CLEAR VERTICAL SEPARATION BETWEEN ALL WATER LINES AND STORM DRAIN, SANITARY SEWER, AND IRRIGATION LINES.
14. ANY STORM DRAIN LINE CROSSING AT LEAST 18" ABOVE A WATER LINE SHALL HAVE JOINTS ENCASED IN CONCRETE PER THE APPROPRIATE CROSSING DETAIL PROVIDED BY THE CITY / PURVEYOR. ANY STORM DRAIN LINE CROSSING LESS THAN 18" ABOVE A WATER LINE SHALL BE FULLY ENCASED IN CONCRETE PER THE APPROPRIATE ENCASEMENT DETAIL PROVIDED BY THE CITY / PURVEYOR.
15. ALL UTILITY LINES SHALL BE BEDDED IN ACCORDANCE WITH CITY / LOCAL PURVEYOR'S STANDARDS AND DETAILS, INCLUDED IN THE PLAN SET. STORM SEWER PIPE SHALL BE BEDDING CLASS "B" UNLESS THE GEOTECHNICAL ENGINEER OR CITY ENGINEER DEEM NECESSARY A CHANGE IN BEDDING CLASS DUE TO SOIL CONDITION.
16. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.

PRIVATE STORM WATER NOTES

- 1. ALL STORM DRAINAGE PIPE SHALL BE REINFORCED CONCRETE PIPE (RCP) PER ASTM C76, CL III OR CL IV FOR SIZES 18" AND LARGER, AND JOINTING SHALL CONFORM TO ASTM C443. 12" AND SMALLER SHALL BE PVC (SDR-35) AND SHALL BE IN ACCORDANCE WITH ASTM D-3034. ANY STORM DRAINAGE PIPE UNDER A PROPOSED OR FUTURE TRAFFIC AREA SHALL BE RCP CL III AS A MINIMUM. RCP TO BE JACKED SHALL BE CL-I AS A MINIMUM.
2. PROPOSED CATCH BASIN AND INLET BOX GRATES ARE TO BE BICYCLE PROOF. GRATES LOCATED WITHIN WALKWAYS ARE TO BE REEF PROOF.
3. TOP OF GRATE (TO) AND FLOW LINE (FL) SPOT GRADES AT INLETS DO NOT INCLUDE GUTTER DEPRESSION.
4. ALL STORM DRAINAGE PIPE SHALL HAVE A MINIMUM COVER OF 24", UNLESS OTHERWISE NOTED. UNDER NO CIRCUMSTANCES WILL ANY PIPE HAVE LESS THAN 18" COVER FROM THE FINISH SURFACE TO THE OUTSIDE WALL OF THE PIPE.
5. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF ROOF AND CANOPY DOWNSPOUTS. CONTRACTOR IS RESPONSIBLE FOR FINAL COORDINATION OF SIZE, LOCATION, AND DEPTH OF ROOF DRAINS.
6. PROPOSED STORM DRAIN INLET GRATES WITHIN THE PLAYGROUND SOFT-FALL AREAS ARE TO BE WRAPPED IN NON-WOVEN FILTER FABRIC MIRAF 140N OR BETTER PERMITTIVITY. A SECOND LAYER OF FABRIC SHALL BE PLACED OVER GRATES EXTENDING 12" IN ANY DIRECTION.

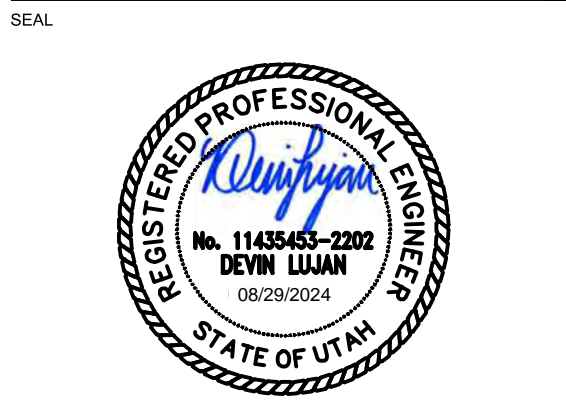
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JORDAN SCHOOL DISTRICT
JORDAN LEARNING CENTER
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MHTN PROJECT NO. 2024528

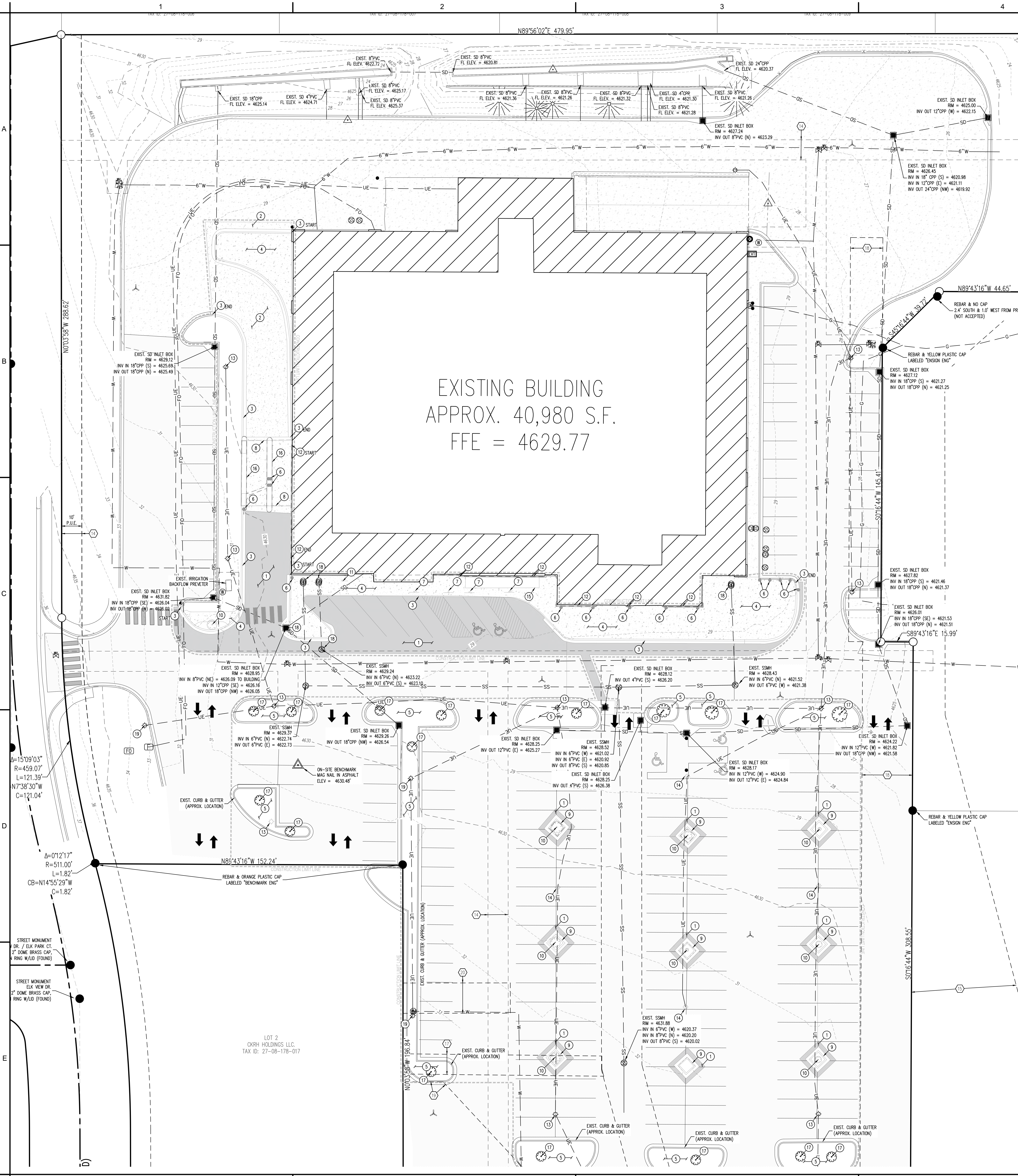
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REVISIONS: CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE.

Table with columns for No., Date, and Description for revisions.

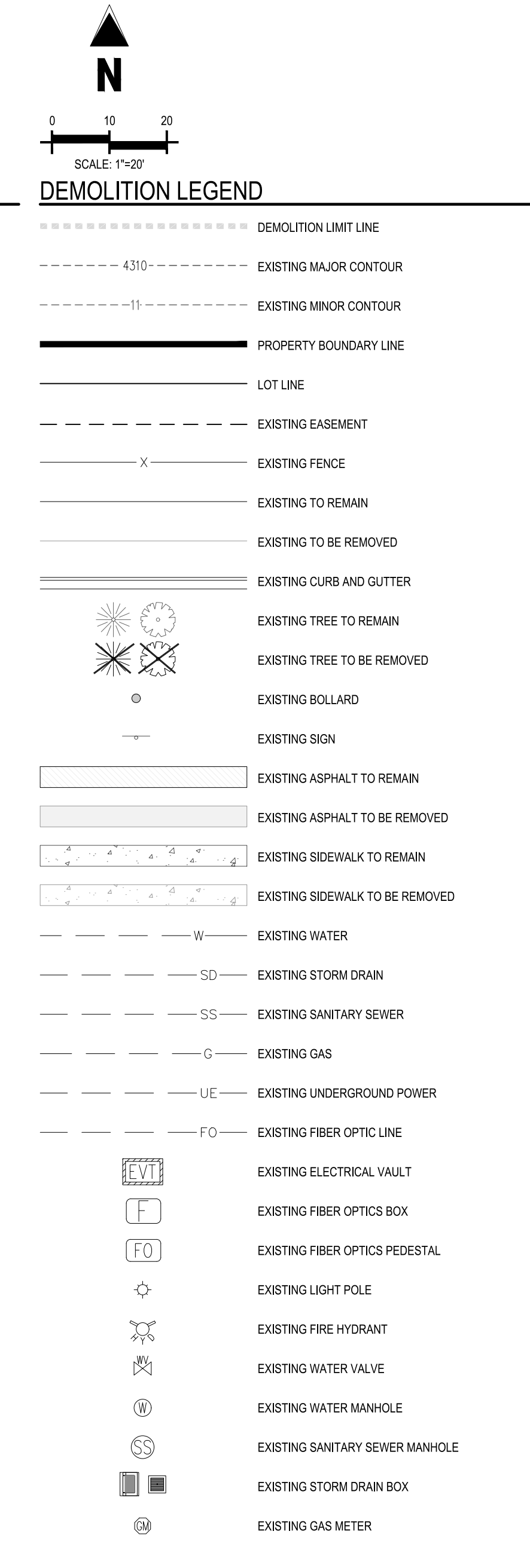
ISSUE: CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME: GENERAL NOTES

SHEET NUMBER: CV101



- ### DEMOLITION KEYNOTES
- 1 DEMO EXISTING ASPHALT.
 - 2 DEMO EXISTING CONCRETE PAVEMENT TO NEAREST JOINT.
 - 3 DEMO EXISTING CURB & GUTTER.
 - 4 DEMO EXISTING CONCRETE SIDEWALK.
 - 5 CLEAR & GRUB. PROTECT EXIST. IRRIGATION VALVES AND MAIN LINES.
 - 6 DEMO EXISTING BOLLARD.
 - 7 DEMO EXISTING BOLLARD-MOUNTED SIGN.
 - 8 DEMO EXISTING BUILDING CANOPY, REF. ARCH. PLANS.
 - 9 DEMO EXISTING DIAMOND LANDSCAPE ISLANDS.
 - 10 DEMO EXISTING TREE.
 - 11 DEMO EXISTING BIKE RACK.
 - 12 DEMO EXISTING BIKE WALL.
 - 13 REMOVE AND REPLACE EXISTING LIGHT POLE, REF. ELECTRICAL PLANS.
 - 14 DEMO EXISTING LIGHT POLE.
 - 15 DEMO EXISTING AWNING.
 - 16 DEMO EXISTING DRIVE THROUGH COLUMNS, CONCRETE ISLANDS AND BOLLARDS.
 - 17 RETAIN & PROTECT EXISTING TREE & ROOTBALL.
 - 18 ADJUST RM TO MATCH FINISH GRADE SURFACE.
 - 19 EXISTING LIGHT POLE TO REMAIN. PROTECT IN PLACE.



SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONS PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

NOTE: CONTRACTOR SHALL PROTECT ALL EXISTING SURVEY MONUMENTATION. CONTRACTOR SHALL HAVE LICENSED SURVEYOR REPLACE ANY DAMAGED OR DISTURBED MONUMENTATION AT THEIR COST.

CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL INFORMATION FOR FINAL ACCEPTANCE OF WORK FOR ANY LOCAL, STATE OR FEDERAL AGENCY, UTILITY DISTRICT OR ANY OTHER AGENCY OR DISTRICT HAVING APPROVAL AUTHORITY OVER WORK. THIS INFORMATION MAY INCLUDE, BUT IS NOT LIMITED TO, AS-BUILT PLANS, CERTIFICATIONS, INSPECTIONS AND REPORTS.

NOTE: CONTRACTOR MUST COORDINATE WORK WITH UTILITY COMPANY AND CITY PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, PERMITS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

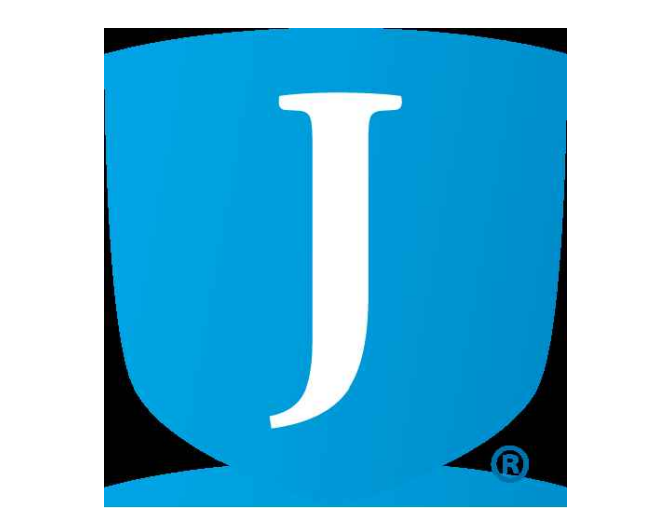
EASEMENT SCHEDULE

NO.	DATE	DESCRIPTION
1		EASEMENTS AND LIMITATION OF ACCESS POINTS TO AND FROM BANGERTER HIGHWAY AND ITS INTERSECTIONS.
2		EASEMENTS, NOTES AND RESTRICTIONS AS SHOWN ON THE RECORDED PLAT OF SOUTH JORDAN NEIGHBORHOOD MARKET SUBDIVISION.
3		EASEMENTS WITH COVENANTS AND RESTRICTIONS AFFECTING LAND (ECR) BY WAL-MART REAL ESTATE BUSINESS TRUST, A DELAWARE BUSINESS TRUST; SHPP FAMILY LIMITED PARTNERSHIP, A UTAH LIMITED PARTNERSHIP; AND Y-FIVE, LTD., A UTAH LIMITED PARTNERSHIP.
4		EASEMENT IN FAVOR OF SOUTH VALLEY SEWER DISTRICT.
5		EASEMENT IN FAVOR OF WAL-MART REAL ESTATE BUSINESS TRUST.
6		RIGHT-OF-WAY AND EASEMENT GRANT IN FAVOR OF QUESTAR GAS COMPANY.
7		ACCESS EASEMENT IN FAVOR OF ANSOURCE SOUTH JORDAN WMP, LLC, A UTAH LIMITED LIABILITY COMPANY.
8		UTILITY EASEMENT IN FAVOR OF ANSOURCE SOUTH JORDAN WMP, LLC, A UTAH LIMITED LIABILITY COMPANY.
9		TEMPORARY EASEMENT IN FAVOR OF UTAH DEPARTMENT OF TRANSPORTATION. (ENTRY NO: 1422923)
10		TEMPORARY EASEMENT IN FAVOR OF UTAH DEPARTMENT OF TRANSPORTATION. (ENTRY NO: 1422923)

CAUTION - NOTICE TO CONTRACTOR

1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION. **Call before you dig.**

2. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION AND SIZE OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.



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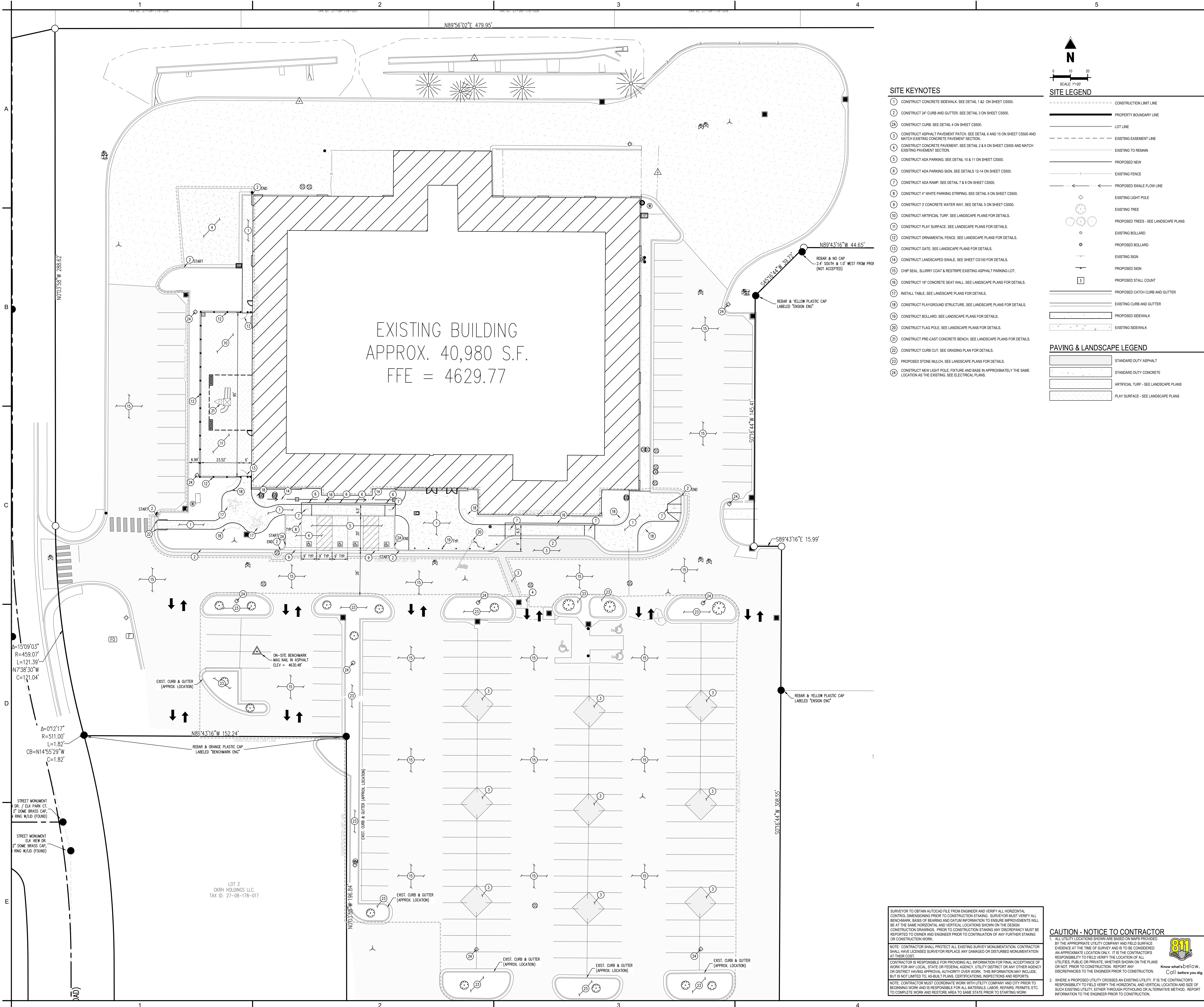
REVISIONS

NO.	DATE	DESCRIPTION

ISSUE
CONSTRUCTION DOCUMENTS
 AUGUST 29, 2024

SHEET NAME
DEMOLITION PLAN

SHEET NUMBER
CD100



EXISTING BUILDING
APPROX. 40,980 S.F.
FFE = 4629.77

SITE KEYNOTES

- 1 CONSTRUCT CONCRETE SIDEWALK. SEE DETAIL 1.82 ON SHEET CS500.
- 2 CONSTRUCT CURB. SEE DETAIL 4 ON SHEET CS500.
- 2A CONSTRUCT 24" CURB AND GUTTER. SEE DETAIL 3 ON SHEET CS500.
- 3 CONSTRUCT ASPHALT PAVEMENT PATCH. SEE DETAIL 6 AND 15 ON SHEET CS500 AND MATCH EXISTING CONCRETE PAVEMENT SECTION.
- 4 CONSTRUCT CONCRETE PAVEMENT. SEE DETAIL 2 & 8 ON SHEET CS500 AND MATCH EXISTING PAVEMENT SECTION.
- 5 CONSTRUCT ADA PARKING. SEE DETAIL 10 & 11 ON SHEET CS500.
- 6 CONSTRUCT ADA PARKING SIGN. SEE DETAILS 12-14 ON SHEET CS500.
- 7 CONSTRUCT ADA RAMP. SEE DETAIL 7 & 8 ON SHEET CS500.
- 8 CONSTRUCT 4" WHITE PARKING STRIPING. SEE DETAIL 9 ON SHEET CS500.
- 9 CONSTRUCT 3" CONCRETE WATER WAY. SEE DETAIL 5 ON SHEET CS500.
- 10 CONSTRUCT ARTIFICIAL TURF. SEE LANDSCAPE PLANS FOR DETAILS.
- 11 CONSTRUCT PLAY SURFACE. SEE LANDSCAPE PLANS FOR DETAILS.
- 12 CONSTRUCT ORNAMENTAL FENCE. SEE LANDSCAPE PLANS FOR DETAILS.
- 13 CONSTRUCT GATE. SEE LANDSCAPE PLANS FOR DETAILS.
- 14 CONSTRUCT LANDSCAPED SWALE. SEE SHEET CS100 FOR DETAILS.
- 15 CHIP SEAL, SLURRY COAT & RESTRIPE EXISTING ASPHALT PARKING LOT.
- 16 CONSTRUCT 18" CONCRETE SEAT WALL. SEE LANDSCAPE PLANS FOR DETAILS.
- 17 INSTALL TABLE. SEE LANDSCAPE PLANS FOR DETAILS.
- 18 CONSTRUCT PLAYGROUND STRUCTURE. SEE LANDSCAPE PLANS FOR DETAILS.
- 19 CONSTRUCT BOLLARD. SEE LANDSCAPE PLANS FOR DETAILS.
- 20 CONSTRUCT FLAG POLE. SEE LANDSCAPE PLANS FOR DETAILS.
- 21 CONSTRUCT PRE-CAST CONCRETE BENCH. SEE LANDSCAPE PLANS FOR DETAILS.
- 22 CONSTRUCT CURB CUT. SEE GRADING PLAN FOR DETAILS.
- 23 PROPOSED STONE MULCH. SEE LANDSCAPE PLANS FOR DETAILS.
- 24 CONSTRUCT NEW LIGHT POLE, FIXTURE AND BASE IN APPROXIMATELY THE SAME LOCATION AS THE EXISTING. SEE ELECTRICAL PLANS.

N

SCALE: 1"=20'

SITE LEGEND

- CONSTRUCTION LIMIT LINE
- PROPERTY BOUNDARY LINE
- LOT LINE
- EXISTING EASEMENT LINE
- EXISTING TO REMAIN
- PROPOSED NEW
- EXISTING FENCE
- PROPOSED SWALE FLOW LINE
- ○ ○ ○ ○ EXISTING LIGHT POLE
- ○ ○ ○ ○ PROPOSED TREES - SEE LANDSCAPE PLANS
- ○ ○ ○ ○ EXISTING BOLLARD
- ○ ○ ○ ○ PROPOSED BOLLARD
- EXISTING SIGN
- PROPOSED SIGN
- PROPOSED STALL COUNT
- PROPOSED CATCH CURB AND GUTTER
- EXISTING CURB AND GUTTER
- PROPOSED SIDEWALK
- EXISTING SIDEWALK

PAVING & LANDSCAPE LEGEND

- STANDARD DUTY ASPHALT
- STANDARD DUTY CONCRETE
- ARTIFICIAL TURF - SEE LANDSCAPE PLANS
- PLAY SURFACE - SEE LANDSCAPE PLANS

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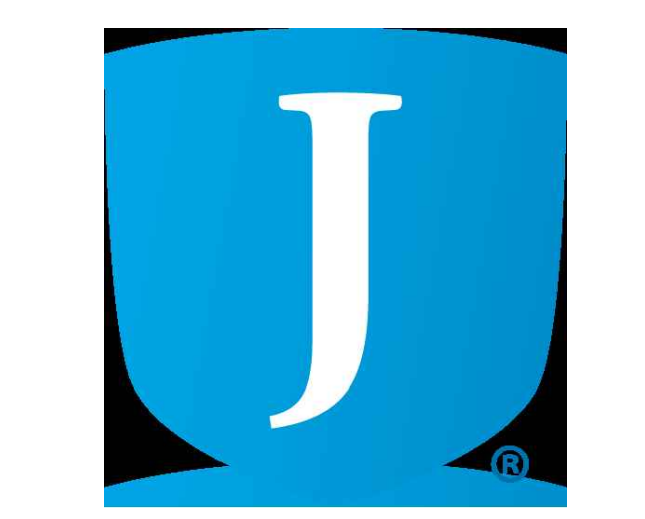
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MHTN PROJECT NO. 2024528

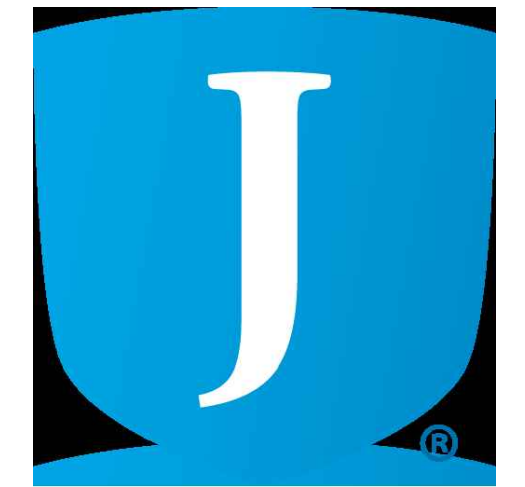
Original drawing is 30 x 42. Do not scale contents of this drawing.

NO.	DATE	DESCRIPTION

ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME
SITE PLAN

SHEET NUMBER
CS100



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SEAL



MHTN PROJECT NO. 2024528

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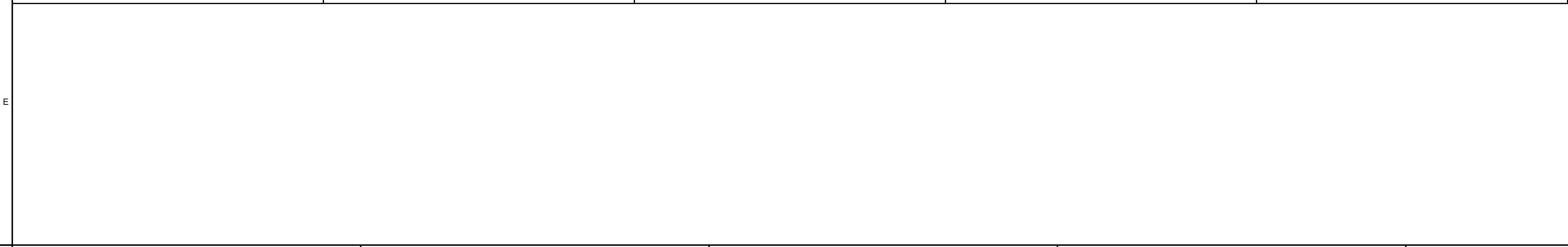
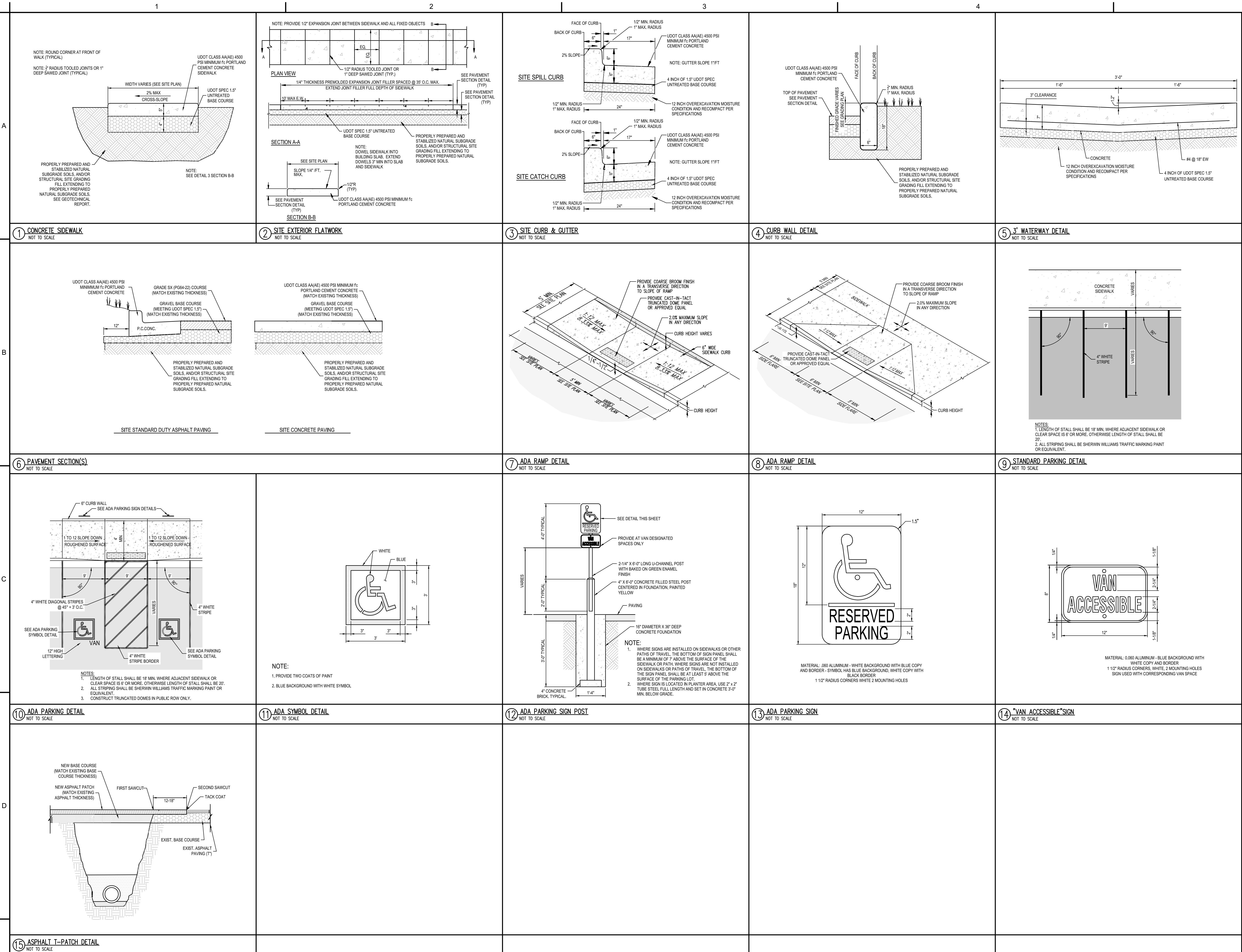
NO.	DATE	DESCRIPTION

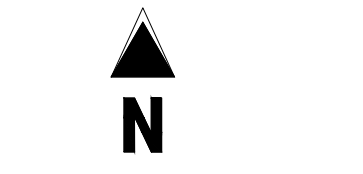
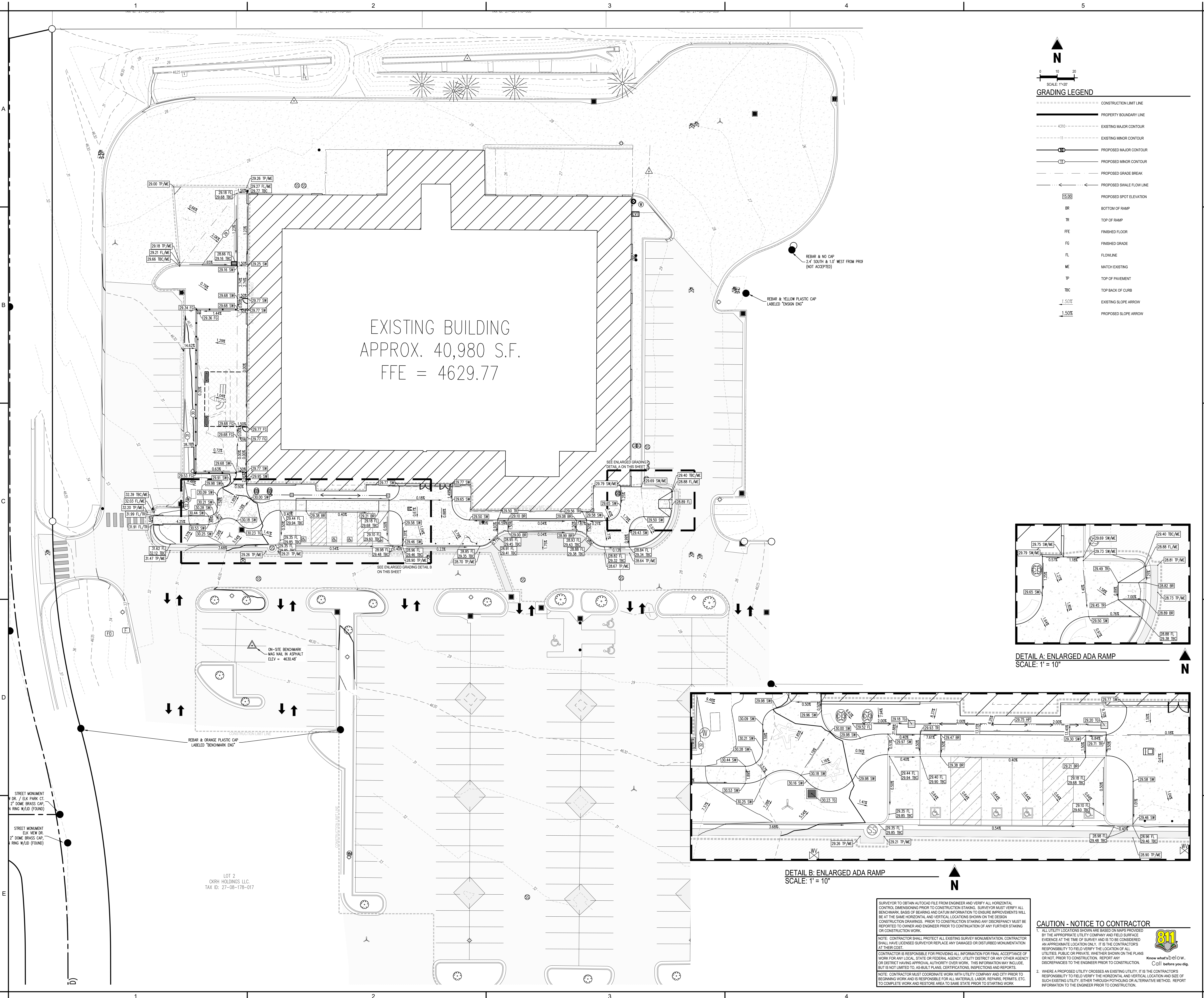
CONSTRUCTION DOCUMENTS
August 29, 2024

SHEET NAME
SITE DETAILS

SHEET NUMBER

CS500



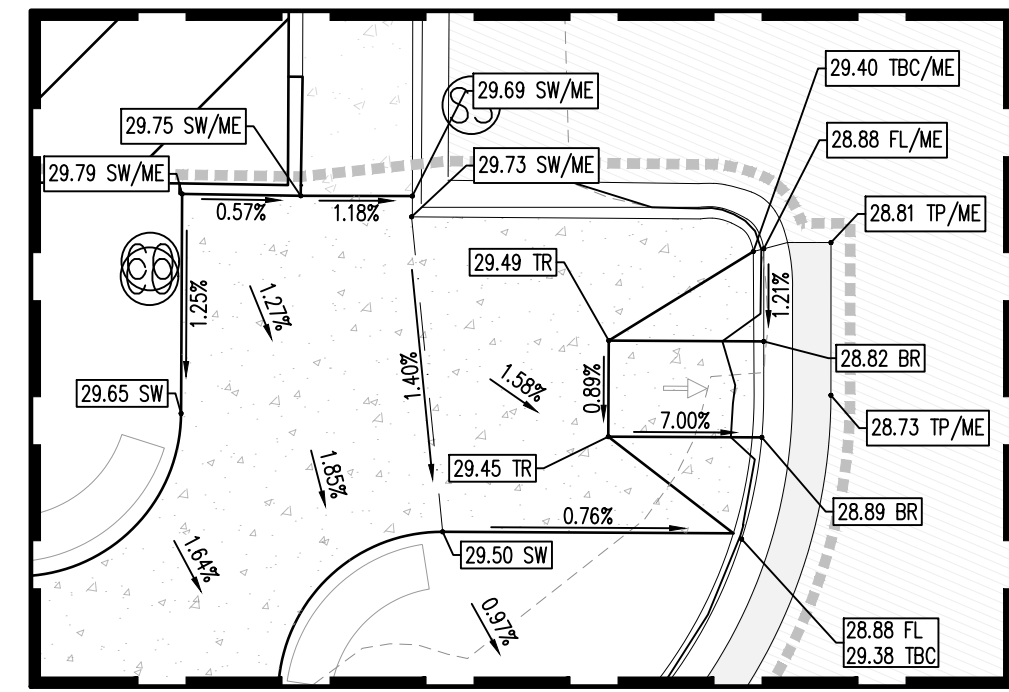


SCALE: 1"=30'

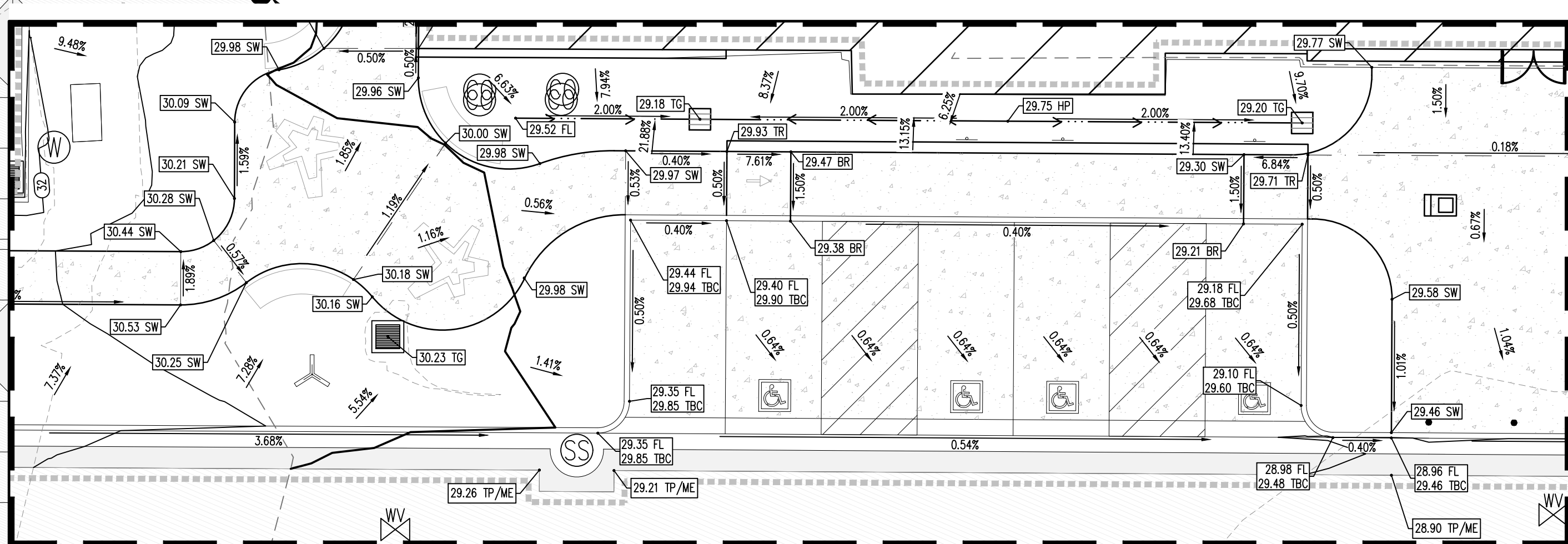
GRADING LEGEND

- CONSTRUCTION LIMIT LINE
- PROPERTY BOUNDARY LINE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED GRADE BREAK
- PROPOSED SWALE FLOW LINE
- PROPOSED SPOT ELEVATION
- BR BOTTOM OF RAMP
- TR TOP OF RAMP
- FFE FINISHED FLOOR
- FG FINISHED GRADE
- FL FLOWLINE
- ME MATCH EXISTING
- TP TOP OF PAVEMENT
- TBC TOP BACK OF CURB
- 1.50% EXISTING SLOPE ARROW
- 1.50% PROPOSED SLOPE ARROW

EXISTING BUILDING
APPROX. 40,980 S.F.
FFE = 4629.77



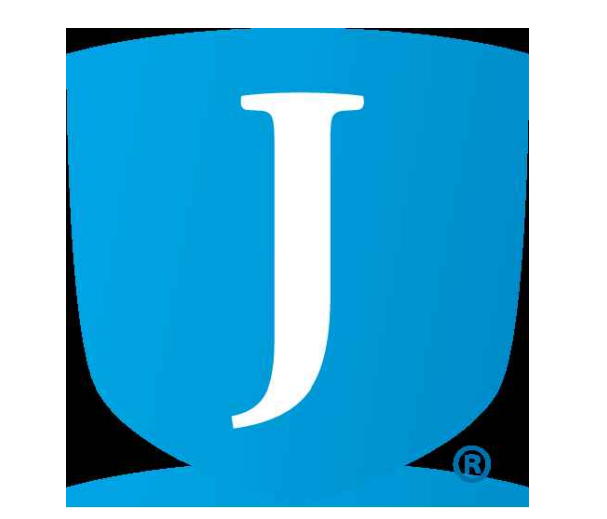
DETAIL A: ENLARGED ADA RAMP
SCALE: 1" = 10'



DETAIL B: ENLARGED ADA RAMP
SCALE: 1" = 10'

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CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE.

NO.	DATE	DESCRIPTION

ISSUE CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME
GRADING PLAN

SHEET NUMBER
CG100

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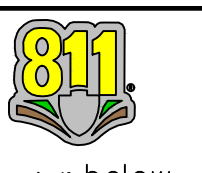
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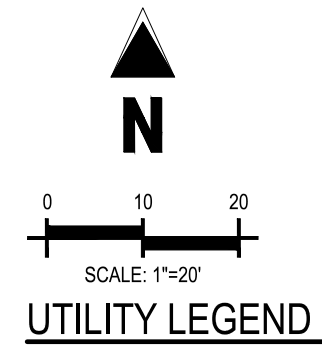
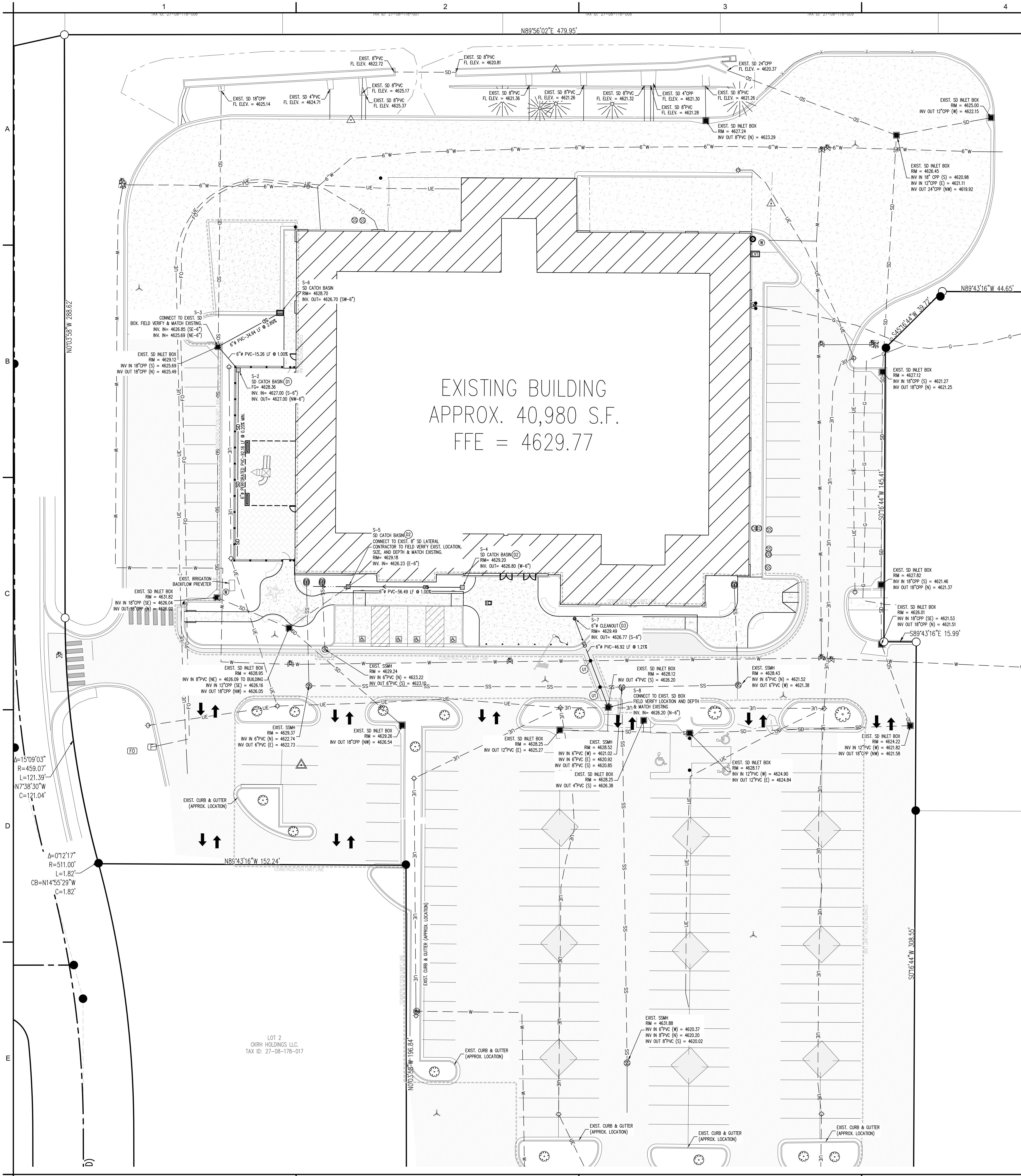
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UTILITY LEGEND

---	CONSTRUCTION LIMIT LINE
---	PROPERTY BOUNDARY LINE
---	EXISTING EASEMENT
-W-	EXISTING WATER LINE
-SS-	EXISTING SANITARY SEWER
-SD-	EXISTING STORM DRAIN
-SD-	PROPOSED STORM DRAIN (LESS THAN 12")
-C-	EXISTING GAS
-UE-	EXISTING UNDERGROUND POWER
-FO-	EXISTING FIBER OPTIC LINE
[Elev]	EXISTING ELECTRICAL VAULT
[F]	EXISTING FIBER OPTICS BOX
[FO]	EXISTING FIBER OPTICS PEDESTAL
[L]	EXISTING LIGHT POLE
[H]	EXISTING FIRE HYDRANT
[V]	EXISTING WATER VALVE
[M]	EXISTING WATER MANHOLE
[S]	EXISTING SANITARY SEWER MANHOLE
[SD]	EXISTING STORM DRAIN BOX
[SD]	PROPOSED STORM DRAIN BOX
[G]	EXISTING GAS METER

UTILITY KEYNOTES

(1) EXISTING UTILITY CROSSING. CONTRACTOR TO POTHOLE AND FIELD VERIFY SIZE, LOCATION, & DEPTH PRIOR TO CONSTRUCTION START. NOTIFY ENGINEER OF CONFLICTS.

STORM DRAIN KEYNOTES

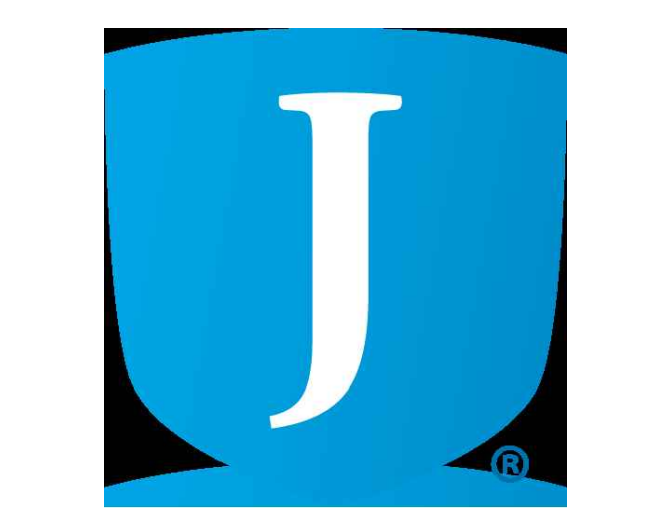
(1) CONSTRUCT 2'X2' PRECAST CATCH BASIN PER APWA STD 332. SET RIM 1' BELOW FG AND W/SPR. GRATE IN NON-MOVING FILTER FABRIC. W/SPR 1/8" OR BETTER PERMITTIVITY. A SECOND LAYER OF FABRIC SHALL BE PLACED OVER GRATES EXTENDING 12" IN ANY DIRECTION. SEE LANDSCAPE PLANS FOR PLAYGROUND SECTIONS & DETAILS.

(2) 2'X2' PRECAST CATCH BASIN PER APWA STD 332.

(3) PROPOSED ROOF DRAIN & 6"x4" REDUCER. SEE PLUMBING PLANS FOR CONTINUATION.

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MHTN PROJECT NO. 2024528
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REVISIONS

NO.	DATE	DESCRIPTION

ISSUE
CONSTRUCTION DOCUMENTS
 AUGUST 29, 2024

SHEET NAME
UTILITY PLAN

SHEET NUMBER
CU100

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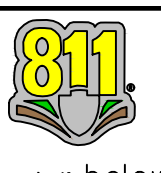
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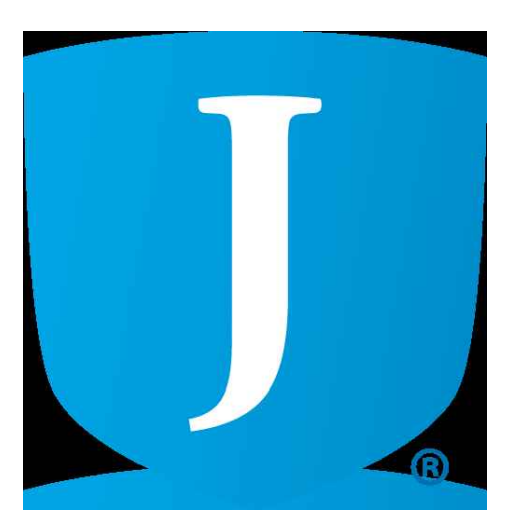
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SYMBOL	CODE	DESCRIPTION	DETAIL	
●	2	RELANCE FOUNDARY BOLLARD		
01 PAVEMENTS, RAMP, CURBS				
SYMBOL	CODE	DESCRIPTION	DETAIL	RELATED DETAILS
[Pattern]	01-01	ASPHALT PAVING - SEE CIVIL		321216
[Pattern]	01-02	CONCRETE CURB AND GUTTER - SEE CIVIL		321613
[Pattern]	01-03	CONCRETE PAVING - SEE CIVIL		321300
[Pattern]	01-04	SYNTHETIC GRASS SURFACING		321800
[Pattern]	01-05	PLAYGROUND PROTECTIVE SURFACING	B2/AS501	321800
04 WALLS AND EMBANKMENTS				
SYMBOL	CODE	DESCRIPTION	DETAIL	SPECIFICATION
[Pattern]	04-01	CONCRETE SEAT WALL	C1/AS501	033100
[Pattern]	04-02	12" WIDE CONCRETE PLAYGROUND CURB WALL	C2/AS501	
[Pattern]	04-03	CMU BLAST WALL	B5/AS501	
05 SITE FURNISHINGS				
[Symbol]	05-01	FLAG POLE	B3/AS501	107500
[Symbol]	05-05	PLAYGROUND EQUIPMENT - SEE SPECIFICATIONS		
[Symbol]	05-06	FABRIC SHADE STRUCTURES - SEE SPECIFICATIONS		
06 RAILINGS, BARRIERS, FENCING				
[Symbol]	06-01	ORNAMENTAL FENCE	A3/AS501	323100
[Symbol]	06-02	ORNAMENTAL SWING GATE WITH PANIC HARDWARE	A1/AS501	323100
[Symbol]	06-03	STEEL BOLLARD WITH BOLLARD COVER		323800
07 SITE LIGHTING				
SYMBOL	CODE	DESCRIPTION	DETAIL	
[Symbol]	07-02	TRANSFORMER - SEE ELECTRICAL		
[Symbol]	07-03	SWITCH GEAR - SEE ELECTRICAL		
[Symbol]	07-04	GENERATOR - SEE ELECTRICAL		
09 LANDSCAPE AND IRRIGATION				
[Symbol]	09-04	BUILDING COLUMN - SEE ARCHITECTURAL DRAWINGS		
S SITE FURNISHINGS				
[Symbol]	5-06	LANDSCAPE FORMS FLOR-LG REINFORCED CAST STONE BENCH, IW RADIAL BIOMORPHIC DESIGN, 106" X 97" X 17". BENCH: WHITE CAST STONE LANDSCAPE FORMS HEB-C-SLD REINFORCED CAST STONE BACKLESS BENCH, CURVED AND SOLID FORM, 120" LENGTH. BENCH: WHITE CAST STONE		
[Symbol]	5-07			
EXISTING				
[Symbol]	E-01	ASPHALT PAVING - SEE CIVIL		
[Symbol]	E-02	CURB AND GUTTER - SEE CIVIL		
[Symbol]	E-03	CONCRETE SIDE WALK		
[Symbol]	E-04	CATCH BASIN		
[Symbol]	E-05	SANITARY SEWER CLEANOUT		
[Symbol]	E-07	WATER METER		
[Symbol]	E-08	STEEL BOLLARD		
[Symbol]	E-09	FIRE HYDRANT		
[Symbol]	E-10	CMU SCREEN WALL		
[Symbol]	E-11	TRUCK DOCK		
[Symbol]	E-12	IRRIGATION BACKCLOW PREVENTER, TO BE PROTECTED		
[Symbol]	E-13	TREE - TO BE PROTECTED		
[Symbol]	E-14	BUILDING COLUMN		
[Symbol]	E-15	ELECTRICAL EQUIPMENT - SEE ELECTRICAL		
[Symbol]	E-16	GAS METER		
[Symbol]	E-17	LIGHT POLE - SEE ELECTRICAL		



E1 SITE PLAN
1" = 20'

ISSUE: CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

REVISIONS

NO.	DATE	DESCRIPTION

Autodesk Civil 3D 2024.02.28 JSD Retail Remodel.dwg
9/27/2024 10:21:33 AM

1. Design Criteria

- 1.1. Governing Building Code: 2021 International Building Code (IBC)
1.2. Floor Live Loading: 60 psf Live Load + 15 psf Partition Load
1.3. Roof Live Loading: 20 psf
1.4. Earthquake: Seismic Design Category D
1.5. Wind: Basic Design Wind Speed V = 109 mph

Design Wind Pressure - LRFD (psf) table with columns for Location, Tributary Area (ft²), and Wind Speed (mph).

- 1.6. Foundation: Soils based on presumptive load-bearing values from IBC 2021 Table 1806.2
1.7. Classification for Fire Rated Construction: For the purpose of determining fire-resistive assemblies...

2. Earthwork

- 2.1. Clearing: Entire building area shall be scraped to remove the top 4 inches of soil...
2.2. Proof rolling: The natural undisturbed soil below all footings shall be proof rolled...
2.3. Compacted structural fill: Structural fill shall be provided at all locations and extents described by the TYPICAL COMPACTED STRUCTURAL FILL DETAIL.

3. Concrete

- 3.1. Materials shall comply with the Standards specified in American Concrete Institute (ACI) 318-19.
3.2. Cementitious Materials: Blended Hydraulic Cements (ASTM C595)
3.3. Aggregates: For concrete with exposure class IV or W2, evidence shall be submitted that aggregates comply with the following.
3.4. Admixtures: All air-entraining admixtures, comply with ASTM C 260 when used.

- 3.1. Slump Limit: 4 inches, maximum for all concrete prior to the addition of plasticizers and water reducing admixtures.
3.2. Reinforcement: Reinforcing steel shall comply with ACI 318, "Building Code Requirements for Structural Concrete."
3.3. Concrete cover requirements for deformed bar reinforcing steel shall comply with ACI 318, "Building Code Requirements for Structural Concrete."

- 3.4. Construction Joints and Control Joints: All joints shall be finished with a minimum of 1/4" amplitude in all wall footings.
3.5. Detailing: All reinforcing, including welded wire fabric, shall be detailed, bolstered & supported to comply with ACI 315, "Details and Detailing of Concrete Reinforcement" and the Concrete Reinforcing Steel Institute (CRSI) recommendations.

- 3.6. Detailing: All reinforcing, including welded wire fabric, shall be detailed, bolstered & supported to comply with ACI 315, "Details and Detailing of Concrete Reinforcement" and the Concrete Reinforcing Steel Institute (CRSI) recommendations.
3.7. Minimum Reinforcing: Wall reinforcing shall be as follows, unless noted otherwise:
3.8. Spacing shall exceed neither three times the wall thickness nor 18".

Table with 3 columns: Wall Thickness, Horizontal Reinforcing, Vertical Reinforcing. Includes notes on spacing and material requirements.

- 3.9. Unless otherwise noted, all slabs on grade shall be 4" thick.
3.10. No aluminum conduit or product containing aluminum or any other material injurious to concrete shall be embedded in concrete.

4. Masonry

- 4.1. Materials shall comply with the Standards specified in TMS 402-16 and TMS 602-16, "Building Code Requirements and Specification for Masonry Structures."
4.2. Construction Requirements: Mortar Joints: Joints shall be "concave", "V-joint" or "weathered raked" for structural members unless noted otherwise on architectural drawings.
4.3. Bolting Connections: Provide snug tightened joints with Group A (threads not excluded) bolts for steel to steel connections, unless noted otherwise.

- 5. Control Joints: Spacing shall not exceed 40'-0" or 2.5 times the wall height, whichever is less.
5.1. Joint reinforcement: Veneer shall have continuous, galvanized 9 gauge wire joint reinforcement spaced vertically at 18" o.c. maximum.
5.2. Veneer shall be attached with anchors as follows:

Table with 3 columns: Insulation Present, Veneer Anchors, Fasteners to Backup. Details requirements for veneer attachment based on wall type and insulation.

- 5.3. Detailing Requirements: Standards: Reinforcing detailing shall comply with American Concrete Institute (ACI) Standard 315, "Details and Detailing of Concrete Reinforcement."
5.4. Minimum Reinforcing: All masonry walls shall be reinforced as follows, unless shown otherwise on the drawings.

- 5.5. Structural Steel: Material: W-Shapes: ASTM A992, (Fy = 50 ksi), except as noted otherwise.
5.6. High-Strength Bolts: Group A: ASTM F3125 Grades A325 & F1852
5.7. Steel Deck: Galvanized Steel Sheet: ASTM A653 or A1063, Grade 50 with G60 galvanized coating.

- 5.8. Fabrication and construction shall comply with the following Codes and Standards: American Institute of Steel Construction (AISC)
5.9. Research Council on Structural Connections (RCS), "Specification for Structural Joints Using High-Strength Bolts," August 1, 2014.
5.10. American Welding Society (AWS)
5.11. AWS D1.1—2015: "Structural Welding Code – Steel" (specific items do not apply when they conflict with the AISC requirements)

- 5.12. Welding: It is recommended the steel erection contractor and steel fabricator contact the Quality Assurance Agency prior to beginning any welds.
5.13. Certification of Welders: All shop and field welding shall be executed by AWS certified welders who have been specifically certified for the process of welding being performed.
5.14. Bolting Connections: Provide snug tightened joints with Group A (threads not excluded) bolts for steel to steel connections, unless noted otherwise.

- 5.15. Steel Lintels: Provide steel angle lintels at all openings through the masonry veneer.
5.16. Detailing: All reinforcing, including welded wire fabric, shall be detailed, bolstered & supported to comply with ACI 315, "Details and Detailing of Concrete Reinforcement" and the Concrete Reinforcing Steel Institute (CRSI) recommendations.

- 6.1. General Conditions: The cold-formed steel framing drawings and details provide the general design intent and do not cover all conditions that the Contractor shall provide.
6.2. Material: Base metal thickness of less than 54 mil: ASTM A1003 or A653, Fy = 33 ksi.
6.3. Design, fabrication and construction shall comply with the following Codes and Standards from the American Iron and Steel Institute (AISI):
6.4. Non-Load-Bearing Exterior Cold-Formed Steel Framing: All non-load bearing exterior cold-formed steel (and/or) joist framing members shall with all corner, bridging, and end track shall be of the designation shown on the plans, schedules, and details.

6. Cold-Formed Steel

- 6.1. General Conditions: The cold-formed steel framing drawings and details provide the general design intent and do not cover all conditions that the Contractor shall provide.
6.2. Material: Base metal thickness of less than 54 mil: ASTM A1003 or A653, Fy = 33 ksi.
6.3. Design, fabrication and construction shall comply with the following Codes and Standards from the American Iron and Steel Institute (AISI):
6.4. Non-Load-Bearing Exterior Cold-Formed Steel Framing: All non-load bearing exterior cold-formed steel (and/or) joist framing members shall with all corner, bridging, and end track shall be of the designation shown on the plans, schedules, and details.

- 6.5. Load-Bearing Cold-Formed Steel Framing: Provisions for non-load-bearing exterior cold-formed steel framing also apply to load-bearing cold-formed steel framing.
6.6. Welding: The steel stud contractor shall contact the Quality Assurance Agency prior to beginning any welds.
6.7. Submittals with Prefabricated Systems or systems intended to replace conventional framing herein shall have complete shop drawings and calculations of all elements for review and bear the stamp of a Professional Engineer registered in the State of Utah.

- 6.8. Miscellaneous: Post-Installed Anchors in Concrete and Masonry
6.9. Miscellaneous: Anchorages to hardened concrete and grout-filled masonry shall include all mechanical and adhesive anchors and epoxy doweled reinforcing bars of size, quantity, spacing, and embedment as shown on the drawings.
6.10. Miscellaneous: All post-installed anchors into hardened concrete shall be selected from the following pre-approved products, unless noted otherwise:

Table with 2 columns: Steel Screw Anchor, Evaluation Report. Lists Hilti Kwik HUS-EZ, DeWalt Screw-Bolt, Simpson Titan HD.

Table with 2 columns: Steel Expansion/Wedge Anchor, Evaluation Report. Lists Hilti Kwik Bolt T22, DeWalt Power-Stud S02.

- 6.10. Miscellaneous: All post-installed anchors into hardened concrete shall be selected from the following pre-approved products, unless noted otherwise:
6.11. Miscellaneous: Anchorages to hardened concrete and grout-filled masonry shall include all mechanical and adhesive anchors and epoxy doweled reinforcing bars of size, quantity, spacing, and embedment as shown on the drawings.

- 6.12. Miscellaneous: All post-installed anchors into hardened concrete shall be selected from the following pre-approved products, unless noted otherwise:
6.13. Miscellaneous: Anchorages to hardened concrete and grout-filled masonry shall include all mechanical and adhesive anchors and epoxy doweled reinforcing bars of size, quantity, spacing, and embedment as shown on the drawings.

MHTN ARCHITECTS logo and contact information: 260 South 400 West, Suite 250, Salt Lake City, Utah 84101.

REAVELEY Engineers logo and contact information: 515 East 100 South, Suite 1200, Salt Lake City, Utah 84102.



JORDAN SCHOOL DISTRICT
JORDAN LEARNING CENTER
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SOUTH JORDAN, UT 84009

Professional Engineer seal for Justin D. MacDall, State of Utah, License No. 2024528.

Table with 3 columns: NO., DATE, DESCRIPTION. Used for revision tracking.

CONSTRUCTION DOCUMENTS 100%
GENERAL NOTES
SE001

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Simpson Strong-Bolt 2	ICC ESR-3037
Adhesive Anchor System	Evaluation Report
Hilti HIT-HY 200	ICC ESR-3187
Hilti HIT-RE 500 V3	ICC ESR-3814
DeWalt AC208+	ICC ESR-4027
DeWalt Pure 110+	ICC ESR-3298
Simpson SET-3G	ICC ESR-4057

2. Adhesive anchors shall be installed into concrete having a minimum age of 21 days. For installers sooner than 21 days, consult the adhesive manufacturer.

D. Anchorage to Masonry:

Steel Screw Anchor	Evaluation Report
Hilti Kwik HUS-EZ	ICC ESR-3056
DeWalt Screw-Bolt+	ICC ESR-4042
Simpson Titen HD	ICC ESR-1058

Steel Expansion/Wedge Anchor	Evaluation Report
Hilti Kwik Bolt T2Z	ICC ESR-4561
DeWalt Power-Stub+ SD1	ICC ESR-2966
Simpson Wedge-All	ICC ESR-1386

Adhesive Anchor System	Evaluation Report
Hilti HIT-HY 270	ICC ESR-4143
DeWalt AC100+ Gold	ICC ESR-3200

E. Alternate anchors or adhesives are permitted with approval of the Engineer. The Contractor shall submit the proposed anchor product data and code evaluation report demonstrating the anchor is equivalent to or exceeds the capacity of the specified anchor.

F. Installation of adhesive anchors horizontally or upwardly inclined to support sustained tension loads shall be performed by personnel certified by an applicable certification program. Certification shall include written and performance tests in accordance with the ACI/CRSI Adhesive Anchor Installer Certification program, or equivalent. Proof of current certification shall be submitted to the Engineer for approval prior to commencement of installation.

G. Anchors shall be installed according to the Manufacturer's Printed Installation Instructions and applicable code evaluation reports including:

- Hole diameter, depth, and cleaning procedure
- Adhesive mixing, preparation, and placement
- Installation torque

H. Locate all existing reinforcement and embeds items prior to drilling into concrete or masonry elements. Do not damage rebar or embeds while drilling or installing anchors.

I. Grout all defective or abandoned holes with non-shrink grout or an injectible epoxy adhesive matching the surrounding concrete compressive strength. Consult the Architect for additional requirements at architecturally exposed concrete.

J. Carbon steel anchors are limited to use in dry, interior locations.

K. Holes for post-installed anchors may not be core drilled unless specifically allowed by the manufacturer's installation instructions and the code evaluation report.

8. Special Instructions

- The project specifications are not superseded by the General Structural Notes but are intended to be complementary to them. Consult the specifications for additional requirements in each section. Notes and specific details on the drawings shall take precedence over General Structural Notes and typical details.
- The architectural drawings are the prime contract drawings. Consultant drawings by other disciplines are supplementary to the architectural drawings. All omissions or conflicts, including dimensions, between the various elements of the consultants' drawings and/or specifications shall be brought to the attention of the Architect before proceeding with any work involved. In case of conflict, follow the most stringent requirement as directed by the Architect without additional cost to the Owner. Any work done by the Contractor after discovery of such discrepancy shall be done at the Contractor's risk.
- The structural drawings shall be used in conjunction with the architectural drawings. Primary structural elements and overall structural layout are indicated within the structural plans and details. Some secondary elements, architectural layouts, alcoves, elevations, slopes, depressions, curbs, mechanical equipment and electrical equipment, are not indicated within the structural drawings. Detailing and shop drawing production for structural elements will require information (including dimensions) contained in the architectural, structural and/or other consultants' drawings.
- Shoring and Bracing Requirements:

A. Floor and Roof Structures – The General Contractor is responsible for the method and sequence of all structural erection. The Contractor shall provide temporary shoring and bracing as the method of erection required to provide adequate vertical and lateral support. Shoring and bracing shall remain in place as the chosen method requires until all permanent members are in place and all final connections are completed, including all roof and floor attachments. The building shall not be considered stable until all connections are complete.
- All expansion joints (E.J.) shown in the structural drawings shall be considered seismic separation joints, unless noted otherwise. The width dimensioned shall be provided with a tolerance of (+1" - 0") regardless of the tolerances stated in material reference standards.
- Submittals: A copy of all shop drawings that have been submitted for review must be kept at the construction site for reference. These drawings must bear the appropriate review stamps. The shop drawing review shall not relieve the Contractor of the responsibility of completing the project according to the contract documents. The General Contractor shall review and mark all shop drawings prior to submitting them to the Architect.
- Project Coordination: It shall be the responsibility of the General Contractor to coordinate with all trades any and all items that are to be integrated into the structural system. Openings or penetrations through, or attachments to the structural system that are not indicated on these drawings shall be the responsibility of the General Contractor and shall be coordinated with the Architect/Engineer. The order of construction is the responsibility of the General Contractor. It is the Contractor's obligation to provide all items necessary for the chosen procedure.
- Contractor shall field verify all dimensions, and conditions. If the contract drawings do not represent actual conditions, Contractor shall notify Architect/Engineer prior to fabrication or construction within that area.
- Notice of Copyright: The structural drawings, plans, schedules, notes and details are hereby copyrighted by Reaveley Engineers. Submission or distribution of documents to meet official regulatory requirements or for similar purposes in connection with the project is not to be construed as publication in derogation of Reaveley Engineers' reserved rights. The documents defining the structure are instruments of service prepared by Reaveley Engineers for one use only. Furthermore, these documents shall not be reproduced, or copied, in whole or in part by the Contractor or subcontractors for preparation of shop drawings or other submittals.

9. Quality Assurance

- Quality Assurance Agency Requirements:

A. The Owner shall engage a qualified Quality Assurance Agency (QAA) to provide all special inspection and quality assurance testing for the project. The QAA shall provide all information necessary for the building official to determine that the agency meets the applicable requirements.

 - The QAA shall be objective, competent and independent from the Contractor responsible for the work being inspected. The agency shall disclose to the building official and the registered design professional in responsible charge possible conflicts of interest so that objectivity can be confirmed.
 - The QAA shall have adequate equipment to perform required tests. The equipment shall be periodically calibrated.
 - The QAA shall employ experienced personnel educated in conducting, supervising and evaluating tests and special inspections. Experience or training shall be considered relevant where the documented experience or training is related in complexity to the same type of special inspection or testing activities for projects of similar complexity and material qualities.
 - The QAA shall send copies of all inspection and testing reports to the building official, Owner, Architect, Engineer and Contractor. Reports shall indicate that the work inspected was or was not completed in conformance to the approved construction documents. Discrepancies shall be brought to the immediate attention of the Contractor for correction. If they are not corrected, the discrepancies shall be brought to the attention of the Architect and Engineer.
 - The QAA shall submit a final report documenting required special inspections and tests, and correction of any discrepancies noted in the inspections or tests. The final report shall be distributed to the building official, Owner, Architect and Engineer in a timely manner prior to the completion of the project.
- Contractor Responsibilities:

A. The Contractor shall submit a written statement of responsibility to the building official and the Owner or the owner's authorized agent prior to the commencement of work on the systems or components listed in the statement of special inspections. The Contractor's statement of responsibility shall contain acknowledgement or awareness of the special requirements contained in the statement of special inspections.

B. Notification of QAA: The Contractor shall notify the QAA in a timely manner so that inspection and testing may be performed as outlined in the statement of special inspections.

- Structural Observations by the Engineer of Record:

A. The Engineer of Record will perform structural observations at critical phases of the project as listed below. Observations will be made on a periodic basis throughout the construction of the structural system. During this timeframe, site visits will be made periodically. Copies of the Engineer's report will be distributed to the Architect, Contractor, Owner, and AIA.

B. The contractor shall notify the Structural Engineer at least 24 hours in advance before any of the following actions:

 - Placing concrete in any footing.
 - Closing any wall forms.
 - Casting any masonry.
 - Completing the structural steel framing.
 - Completing the welding of major sections of steel decking.

C. Observation visits to the site by the Engineer's field representatives shall not be construed as inspection or approval of construction.

10. Statement of Special Inspections

- The following materials, systems and components require special inspection or testing per Chapter 17 of the International Building Code (IBC).

10.2 For items requiring continuous inspection, a special inspector must be present onsite during the performance of the tests. In most cases, periodic inspections shall be performed prior to commencing the task, intermittently during the task, and at the completion of the task. Frequency marked with (E) designates periodic inspections that must be performed prior to or upon completion of every task.

Structural Steel per IBC Section 1705.2.1, 1705.13.1 & 1705.14.1

Item	Frequency	Detailed Instructions
Prior to Welding (Table N5.4-1, AISC 360-16):		
Welder qualification records	Periodic	Verify welder qualification records and continuity records
Verify welding procedures (WPS) and consumable certificates	Periodic (E)	
Material identification	Periodic	Verify type and grade of material.
Welder identification	Periodic	Confirm a system is in place by which a welder who has welded a joint or member can be identified.
Fit-up groove welds	Periodic	Verify joint preparation, dimensions, cleanliness, tacking, and backing.
Fit-up of CJP welds to HSS T-, Y- and K- joints without backing	Periodic	Verify joint preparation, dimensions, cleanliness and tacking.
Access holes	Periodic	Verify configuration and finish.
Fit-up of fillet welds	Periodic	Verify dimensions, cleanliness and tacking.

During Welding (Table N5.4-2, AISC 360-16):		
Use of qualified welders	Periodic	Verify that welders are appropriately qualified.
Control and handling of welding consumables	Periodic	Verify packaging and exposure control.
Cracked tack welds	Periodic	Verify that welding does not occur over cracked tack welds.
Environmental conditions	Periodic	Verify wind speed is within limits as well as precipitation and temperature.
WPS followed	Periodic	Verify items such as settings on welding equipment, travel speed, welding materials, shielding gas type/flow rate, preheat applied, interpass temperature maintained, and proper position.
Welding techniques	Periodic	Verify interpass and final cleaning, each pass is within profile limitations, and quality of each pass.

After Welding (Table N5.4-3, AISC 360-16):		
Welds cleaned	Periodic	Verify that welds have been properly cleaned.
Size, length, and location of welds	Periodic (E)	Verify the size, length and location of welds.
Welds meet visual acceptance criteria	Periodic (E)	Verify that welds meet crack prohibition, base metal fusion, profile, size, undercut, and porosity provisions.
Arc strikes	Periodic (E)	Verify that arc strikes do not exist outside the permanent weld areas.
k-area	Periodic (E)	When welding of doubler plates, continuity plates or stiffeners has been performed in the k-area, visually inspect the web k-area for cracks.
Backing & weld tabs removed	Periodic (E)	If required on the approved construction documents, verify that back and weld tabs are removed.
Repair activities	Periodic (E)	Verify that repair activities are performed in accordance with AISC 360 and AWS D1.1.
Documentation	Periodic (E)	Document the acceptance or rejection of the welded joint or member.
Prohibited welds	Periodic (E)	Verify no prohibited welds have been added without approval of the EOR.

Nondestructive Testing (Section N5.5, AISC 360-16):		
CJP welds (Risk Cat. III or IV)	Periodic (E)	UT testing shall be performed on all CJP groove welds in butt, T- and corner joints subject to transversely applied tension loading in materials 5/16-inch thick or greater.
Welded joints subject to fatigue	Periodic (E)	Welded joints subject to fatigue (see Table A-3.1 of AISC 360) shall have radiographic or UT testing.

Prior to Bolting (Table N5.6-1, AISC 360-16):		
Certifications of fasteners	Continuous	Verify that manufacturer's certificates are available for fastener materials.

Item	Frequency	Detailed Instructions
Fasteners marked	Periodic	Verify that fasteners have been marked in accordance with ASTM requirements.
Proper fasteners for joint	Periodic	Verify grade, type, and bolt length if threads are excluded from the shear plane.
Proper bolting procedure	Periodic	Verify proper procedure is used for the joint detail.
Connecting elements	Periodic	Verify appropriate faying surface condition and hole preparation, if specified, meet requirements.
Pre-installation verification testing	Periodic	Observe and document verification testing by installation personnel for fastener assemblies and methods used.
Proper storage	Periodic	Verify proper storage of bolts, nuts, washers, and other fastener components.

During Bolting (Table N5.6-2, AISC 360-16):		
Fastener assemblies	Periodic	Verify that fastener assemblies are of suitable condition, paced in all holes, and washers and nuts are positioned as required.
Snug-light prior to pretensioning	Periodic	Verify that joints are brought to snug-light condition prior to pretensioning operation.
Fastener component	Periodic	Verify that fastener component not turned by wrench is prevented from rotating.
Pretensioned fasteners	Periodic	Verify that fasteners are Pretensioned in accordance with RCSC Specification, progressing systematically from the most rigid point toward the free edges.

After Bolting (Table N5.6-3, AISC 360-16):		
Documentation	Periodic (E)	Document the acceptance or rejection of bolted connections.

Other Steel Inspections (Section N5.8, AISC 360-16; Table J8.1, J10.1, AISC 341-16):		
Structural steel details	Periodic	All fabricated steel or steel frames shall be inspected to verify compliance with the details shown in the approved construction documents, such as braces, stiffeners, member locations, and proper application of joint details at each connection.

Anchor rods and other embedments supporting structural steel	Periodic	Shall be on the premises during the placement of anchor rods and other embedments supporting structural steel for compliance with construction documents. Verify the diameter, grade, type, and length of the anchor rod or embedded item, and the extent or depth of embedment prior to placement of concrete.
Galvanized structural steel	Periodic	Verify that exposed cut surfaces of galvanized structural steel does not include cracks prior to galvanizing the surface.
Protected zones	Periodic	Verify that no holes or unapproved attachments are made within the protected zone (see Table J8.1 of AISC 341-16).

Item	Frequency	Detailed Instructions
Steel Roof and Floor Decks per IBC Section 1705.2.2 and SDI QA/QC - 2017		
Materials	Periodic (E)	Verify compliance of deck and all deck accessories with approved construction documents, including profiles, material properties, and base metal thickness.
Documentation	Periodic (E)	Document acceptance or rejection of deck and deck accessories.

Steel Roof and Floor Decks After Placement (IBC 1705.2.2 and Table 1.1, SDI QA/QC 2017):		
Compliance with construction documents	Periodic (E)	Verify compliance of deck and all deck accessories installation with construction documents. Verify deck materials are represented by the mill certifications that comply with the construction documents.
Document acceptance or rejection of deck and deck accessories	Periodic (E)	

Steel Roof and Floor Decks Prior to Welding (IBC 1705.2.2 and Table 1.3, SDI QA/QC 2017):		
Welding procedure specifications available	Periodic	Verify that WPS is available.
Certifications of welding consumables	Periodic	Verify that manufacturer certifications for welding consumables are available.

Item	Frequency	Detailed Instructions
Material identification	Periodic	Verify type and grade of materials to be welded
Welding equipment	Periodic	
Steel Roof and Floor Decks During Welding (IBC 1705.2.2 and Table 1.4, SDI QA/QC 2017):		
Use of qualified welders	Periodic	Verify that welders are appropriately qualified.
Control and handling of welding consumables	Periodic	Verify packaging and exposure control.
Environmental conditions	Periodic	Verify wind speed is within limits as well as precipitation and temperature.
WPS followed	Periodic	Verify items such as settings on welding equipment, travel speed, welding materials, shielding gas type/flow rate, preheat applied, interpass temperature maintained, and proper position.

Steel Roof and Floor Decks After Welding (IBC 1705.2.2 and Table 1.5, SDI QA/QC 2017):		
Size, length, and location of welds	Periodic	Verify size and location of welds, including support, sisleap, and perimeter welds.
Welds meet visual acceptance criteria	Periodic (E)	Verify weld meets visual acceptance criteria based upon weld/base-metal fusion, weld profiles, weld size, undercut, and porosity.
Repair activities	Periodic (E)	Verify that repair activities are acceptable.
Document acceptance or rejection of welds	Periodic (E)	
Steel Roof and Floor Decks Prior to Mechanical Fastening (IBC 1705.2.2 and Table 1.6, SDI QA/QC 2017):		
Pre-installation verification	Periodic	Verify manufacturer installation instructions are available for mechanical fasteners as well as the proper bolts and storage for the fasteners.

Steel Roof and Floor Decks During Mechanical Fastening (IBC 1705.2.2 and Table 1.7, SDI QA/QC 2017):		
Fastener Placement	Periodic	Verify that fasteners are positioned as required and installed in accordance with the manufacturer's instructions.
Steel Roof and Floor Decks After Mechanical Fastening (IBC 1705.2.2 and Table 1.8, SDI QA/QC 2017):		
Spacing, type and installation of fasteners	Periodic (E)	Verify the spacing, type and installation of support, sisleap and perimeter fasteners.
Repair activities	Periodic (E)	Verify that repair activities are acceptable.
Document acceptance or rejection of mechanical fasteners	Periodic (E)	

Item	Frequency	Detailed Instructions
Open-web Steel Joists and Joist Girders per IBC 1705.2.3		
End connections – welded or bolted	Periodic	Visual inspection to confirm that end connections conform to the approved construction documents.
Bridging – horizontal or diagonal	Periodic	Visual inspection to confirm that bridging is provided per the approved construction documents.

Item	Frequency	Detailed Instructions
Concrete Construction per IBC Sections 1705.3 & 1705.12		
Reinforcing steel	Periodic	Detailed Instructions Verify prior to placing concrete that reinforcing is of specified type, grade and size, that it is free of oil, dirt and rust; that it is located and spaced properly; that hooks, bends, ties, stirrups and supplemental reinforcement are placed correctly; that lap lengths, stagger and offsets are provided; that minimum clear spacing between bars at lap splices are maintained; and that all mechanical connections are installed per the manufacturer's instructions and/or evaluation report.
Welding of reinforcing steel	Periodic	Visually inspect all welds and also verify weldability of reinforcing steel based upon carbon equivalent and in accordance with AWS D1.4.
Cast-in bolts & embeds	Periodic	Inspection of anchors or embeds cast in concrete is required when allowable loads have been increased or where strength design is used.
Post-installed adhesive anchors	Continuous	All post-installed anchors/dowels shall be specially inspected as required by the approved ICC-ES report. Horizontally or upwardly inclined anchors that resist sustained tension loads

Item	Frequency	Detailed Instructions
Post-installed mechanical anchors and adhesive anchors not defined above	Periodic	tension loads require continuous inspection and approved installers.
Use of required mix design	Periodic	Verify that all mixes used comply with the approved construction documents; ACI 318: Ch. 19, 26.4.3-26.4.4; and IBC 1904.1, 1908.2, 1908.3.
Concrete sampling for strength tests, slump, air content, and temperature	Continuous	Samples for strength tests shall be taken in accordance with ASTM C172, cured per ASTM C31 and tested in accordance with ASTM C39 by a testing agency complying with ASTM C1017. Acceptance criteria for strength tests shall be per ACI 318 Section 26.12.3. For each mix placed, samples shall be taken not less than once a day, nor less than once for each 150 yd ³ of concrete, nor less than once for each 5000 ft ² of surface area for slabs or walls. At the time fresh concrete is sampled to fabricate specimens for strength tests, perform slump and air content tests and determine the temperature of the concrete.
Concrete	Continuous	
Curing temperature and techniques	Periodic	Verify that the ambient temperature for concrete is kept at > 50°F for at least 7 days after placement. High-early strength concrete shall be kept at > 50°F for at least 3 days. Accelerated curing methods may be used (see ACI 318: 26.4.7-26.4.9). The ambient temperature for shotcrete shall be > 40°F for the same period of time as noted for concrete. Shotcrete shall be kept continuously moist for at least 24 hours after shotcreting. All concrete materials, reinforcement, forms, fillers, and ground shall be free from frost. In hot weather conditions ensure that appropriate measures are taken to avoid plastic shrinkage cracking and that the specified water/cement ratio is not exceeded.

In-situ strength verification	Periodic	Verify that adequate strength has been achieved prior to the removal of shores and forms or the stressing of post-tensioned tendons.
Formwork	Periodic	Verify that the forms are placed plumb and conform to the shapes, lines, and dimensions of the members as required by the approved construction documents.
Welding of Reinforcing Steel (IBC Table 1705.3):		
Verification of weldability	Periodic	Verify weldability of reinforcing steel other than A706 based upon carbon equivalent and in accordance with AWS D1.4. Continuous inspection is required for welding of reinforcing steel used in intermediate or special concrete moment frames, boundary elements of special structural walls or shear reinforcement.

Other reinforcing steel	Periodic	Visually inspect all welds in accordance with AWS D1.4.
Single-pass fillet welds, 5/16" max	Periodic	
All other welds	Continuous	

Item	Frequency	Detailed Instructions
Masonry Construction per IBC Section 1705.4		
Prior to Construction (Table 3, TMS-602-16):		
Review material certificates, mix designs, test results, material certificates, and construction procedures	Periodic	Verify that materials conform to the approved construction documents. Mix design, test results, material certificates, and construction procedures shall be submitted to inspector for review. Mortar mix designs shall conform to ASTM C 270 while grout shall conform to ASTM C 476. Material certificates shall be provided for reinforcement, anchors, ties, fasteners, and metal accessories; masonry units, mortar and grout materials. Construction procedures for cold-weather or hot-weather construction shall be reviewed.

Verify f _m prior to construction	Periodic	Determine the compressive strength for each unit by the "unit strength method" or by the "prism test method" as specified in Section 1.4B of ACI 530.1-13 prior to construction.
As Masonry Construction Begins (Table 4, TMS-602-16):		
Proportions of site-prepared mortar	Periodic	Verify that mortar is of the type and color specified on the construction documents; that it conforms to ASTM C 270, and that it is mixed in accordance with Article 2.6 A of TMS-602-16.
Reinforcement, connectors, and anchorages	Periodic	Verify that reinforcement, connectors, and anchorages are of the proper grade, type and size in accordance with Article 3.4 of TMS-602-16. Prestressing tendons shall be placed per Article 3.6 A.

Sample panel	Periodic	Verify that sample panels are properly constructed and that subsequent work conforms per Article 1.6 D of TMS-602-16. (If Risk Category IV this should be performed on a continuous basis.)
Construction of mortar joints	Periodic	Verify that mortar joints comply with Article 3.3 B of TMS-602/ACI 530.1-13.
Preparation of required grout specimens and/or prisms shall be observed	Periodic	If the prism test method is used a minimum of three prisms shall be constructed in accordance with ASTM C1314. If the unit strength method is selected the compressive strength of the grout shall be determined per ASTM C1019 (not required if grout complies with ASTM C476).

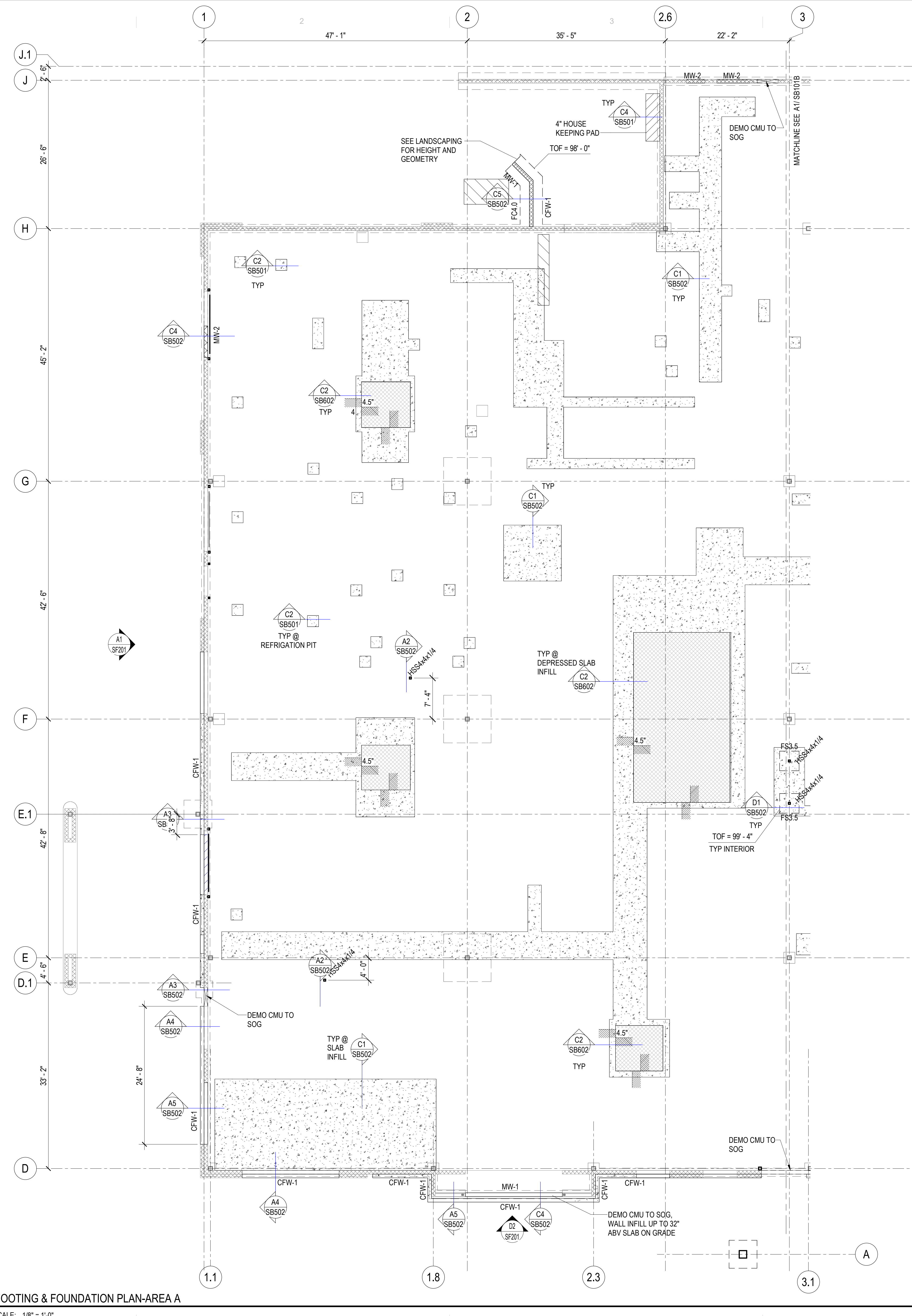
Prior to Grouting (Table 4, TMS-602-16):		
Grout space	Periodic	Verify that grout space is free of mortar droppings, debris, loose aggregate, and other deleterious materials and that clearances are provided per Article 3.2 D and 3.2 F of TMS-602-16.
Grade, type, and size of reinforcement and anchor bolts	Periodic	Verify that reinforcement, joint reinforcement, wall ties, anchor bolts and veneer anchors comply with the approved construction documents and Section 1.6 of TMS 402/ACI 530.1-13.
Placement of reinforcement and connectors and anchor bolts	Periodic	Verify that reinforcement, joint reinforcement, wall ties, anchor bolts and veneer anchors are installed in accordance with the approved construction documents and Articles 3.2 E and 3.4 of TMS-602-16.

During Masonry Construction (Table 4, TMS-602-16):		
Materials and procedures	Periodic	Ensure that materials and procedures conform to the approved construction documents and Article 1.5 of TMS-602-16.
Placement of masonry units and mortar joint construction	Periodic	Verify that masonry units are properly placed and that mortar joint construction conforms to Article 3.3 B of TMS-602-16.
Size and location of structural elements	Periodic	Verify the locations of structural elements with tolerance to the approved plans and confirm that tolerances meet the requirements of Article 3.3 F of TMS-602-16.
Type, size, and location of anchors, including other details of anchorage of masonry to structural members, frames, or other construction.	Periodic	Verify that correct anchorages and connections are installed in accordance with Section 1.2.1, 6.2.1 and 6.3.1 of TMS-602-16.
Welding of reinforcement	Continuous	
Preparation, construction, and protection of masonry during cold weather (<40°F) or hot weather (>90°F)	Periodic	Verify that cold-weather construction is performed in accordance with Article 1.8 C of TMS-602-16 and hot weather construction per Article 1.8 D of TMS-602-16.

Observation of grout specimens, mortar specimens, and/or prisms	Periodic	Confirm that specimens/prisms are performed as required by Article 1.4 B of TMS-602-16.
Self-consolidating grout	Continuous	
Minimum Testing:		
Verification of Slump Flow and Visual Stability Index (VSI) for self-consolidating grout	Periodic	Compressive strength tests should be performed in accordance with ASTM C 1019 for slump flow and ASTM C 1611 for VSI.
Verification of f _m	Periodic	Determine the compressive strength for each unit by the "unit strength method" or by the "prism test method" as specified in Article 1.4 B of TMS 602-16 prior to construction. (For Risk Category IV buildings this should be verified at every 5,000ft ³ of construction.)
Verification of proportions of materials in prepared or pre-blended mortar and grout	Periodic	Verify that proportions for mortar meet ASTM C 270 and proportions for grout meet ASTM C 476.
Post-installed anchors or dowels	Periodic	All post-installed anchors/dowels shall be specially inspected as required by the approved ICC-ES report.

Item	Frequency	Detailed Instructions
Cold-Formed Steel Light-Frame Construction per IBC Sections 1705.2.4, 1705.11.2 & 1705.12.3, and 1705.12.9		
Wind-Force-Resisting Systems (WFRS)	Periodic	Periodic inspections of welding operations. If fastener spacing is < 4" o.c.: Verify that proper screw attachment, bolting, anchoring and other fastening of shear walls, diaphragms, drag studs, braces, shear panels and holdowns has occurred. Performed by code inspection firm.

Item	Frequency	Detailed Instructions
Soils per IBC Section 1705.6		
Verify subgrade is adequate to achieve design bearing capacity	Periodic	Prior to placement of concrete.
Verify excavations extend to proper depth and material	Periodic	Prior to placement of compacted fill or concrete.
Verify that subgrade has been appropriately prepared prior to placing compacted fill	Periodic	Prior to placement of compacted fill



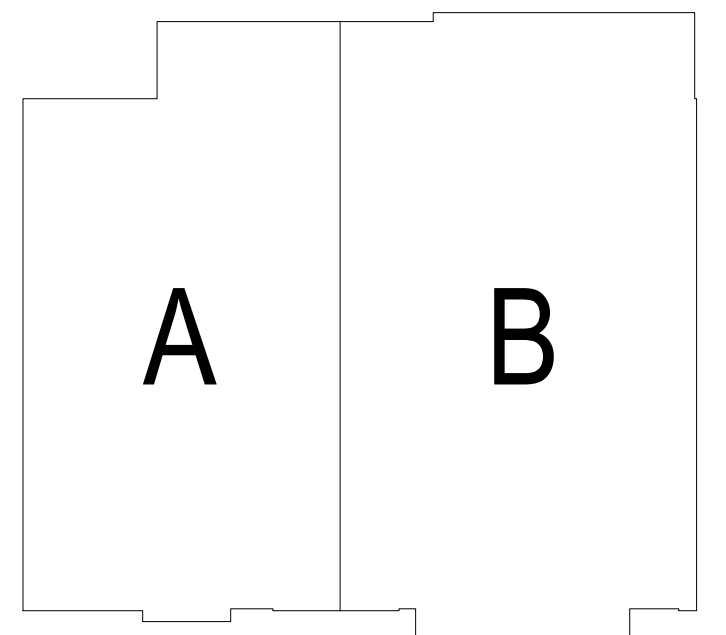
A1 FOOTING & FOUNDATION PLAN-AREA A
 SB101A SCALE: 1/8" = 1'-0"

FOOTING & FOUNDATION PLAN NOTES

1. SEE ARCHITECTURAL, CIVIL AND LANDSCAPE DRAWINGS FOR EXTERIOR CONCRETE RETAINING AND / OR SITE WALLS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
2. SEE TYPICAL STEP DETAIL AT CONTINUOUS FOOTING AND TYPICAL STEP DETAIL AT MAT FOOTING FOR REINFORCING REQUIREMENTS D1/SB501.
3. PROVIDE REINFORCEMENT AT WALL ENDS, INTERSECTIONS AND OPENINGS PER TYPICAL DETAILS D2/SB601 AND C2/SB601.
4. DOWEL ALL CONCRETE WALLS TO FOOTING PER TYPICAL DETAIL C4/SB501.
5. PROVIDE COMPACTED STRUCTURAL FILL UNDER ALL CONCRETE FOOTINGS PER TYPICAL DETAIL A5/SB501.
6. WHERE REQUIRED, DEMO THE EXISTING SLAB ON GRADE AND REPLACE WITH NEW CONCRETE MATCHING THE THICKNESS OF THE EXISTING SLAB PER DETAIL C1/SB502.
7. SBP# INDICATES THE COLUMN BASEPLATE TYPE. SEE SCHEDULE ON SF602.

EXISTING BUILDING NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO DETAILING, FABRICATING, ERECTING OR INSTALLING ANY STRUCTURAL ELEMENT. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM IN A TIMELY MANNER SUCH THAT WORK WILL NOT BE DELAYED.
2. THE CONTRACTOR SHALL PROVIDE ADEQUATE SHORING OF EXISTING STRUCTURE DURING CONSTRUCTION.
3. INFILL ROOF DECK OPENINGS, SEE TYP DETAIL B3/SF503.



KEY PLAN



MHTN ARCHITECTS, Inc.
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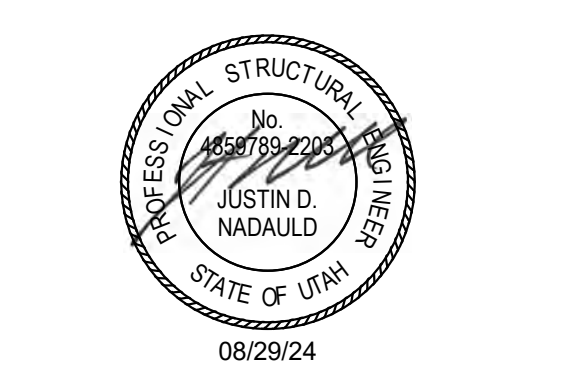


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MHTN PROJECT NO. 2024528

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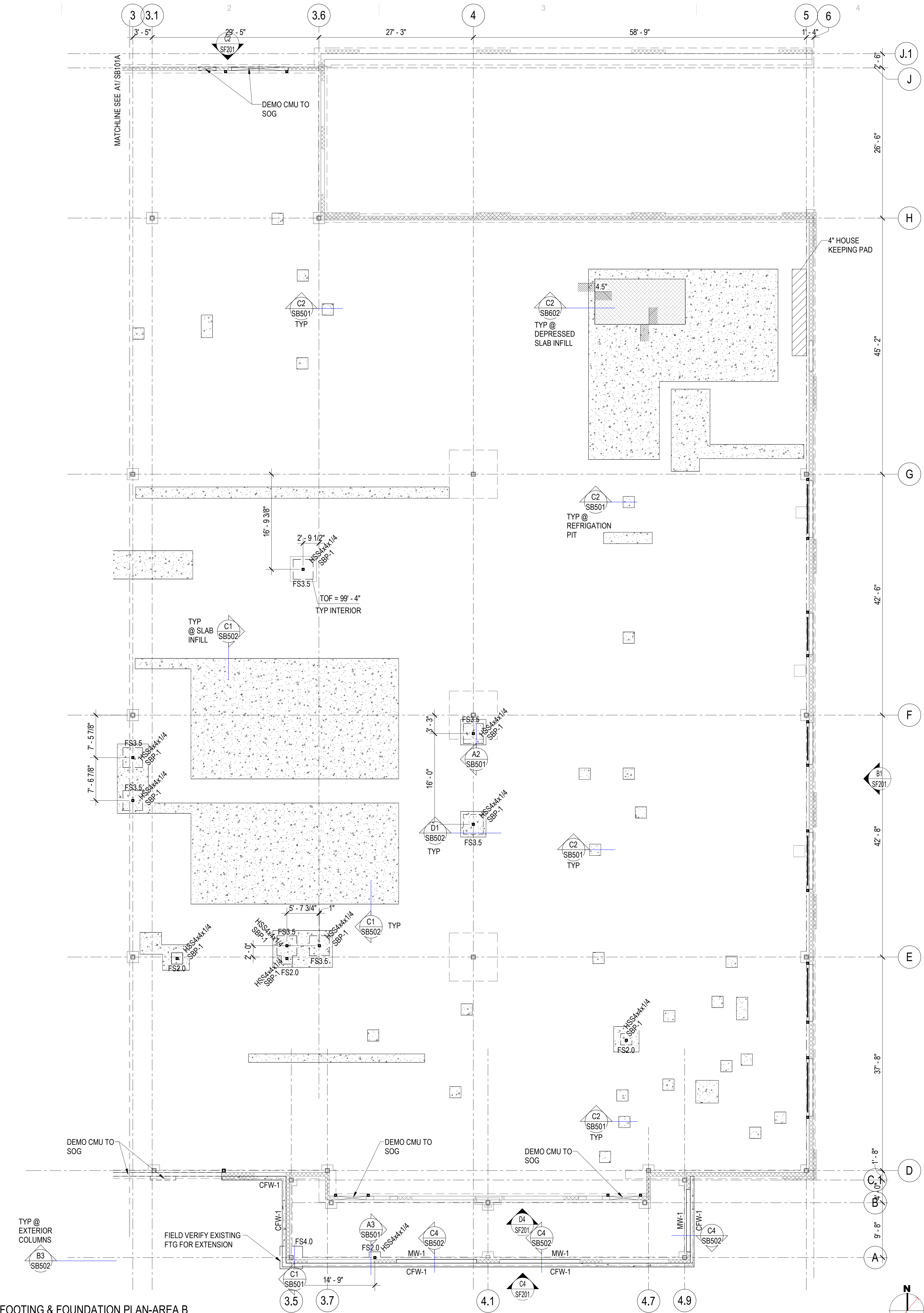
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SHEET NAME:
FOOTING AND FOUNDATION PLAN-AREA A

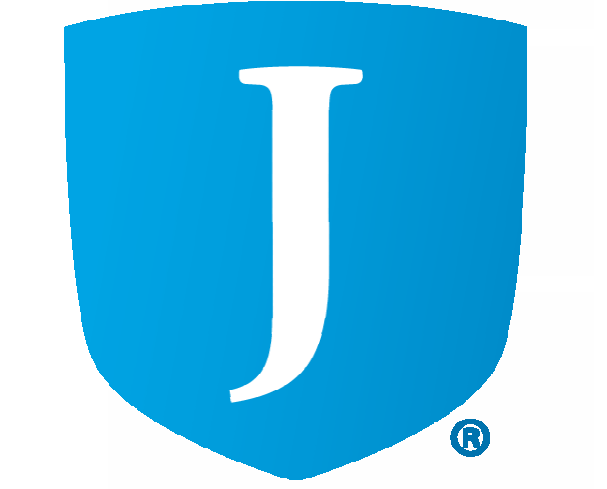
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SB101A

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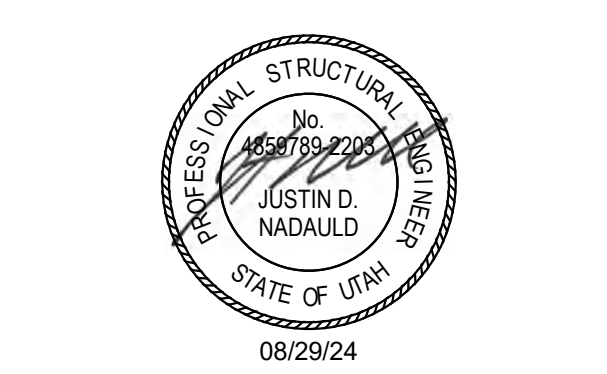
- FOOTING & FOUNDATION PLAN NOTES**
- SEE ARCHITECTURAL, CIVIL AND LANDSCAPE DRAWINGS FOR EXTERIOR CONCRETE RETAINING AND / OR SITE WALLS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
 - SEE TYPICAL STEP DETAIL AT CONTINUOUS FOOTING AND TYPICAL STEP DETAIL AT MAT FOOTING FOR REINFORCING REQUIREMENTS D1/SB501.
 - PROVIDE REINFORCEMENT AT WALL ENDS, INTERSECTIONS AND OPENINGS PER TYPICAL DETAILS D2/SB601 AND C2/SB601.
 - DOWEL ALL CONCRETE WALLS TO FOOTING PER TYPICAL DETAIL C4/SB501.
 - PROVIDE COMPACTED STRUCTURAL FILL UNDER ALL CONCRETE FOOTINGS PER TYPICAL DETAIL A5/SB501.
 - WHERE REQUIRED, DEMO THE EXISTING SLAB ON GRADE AND REPLACE WITH NEW CONCRETE MATCHING THE THICKNESS OF THE EXISTING SLAB PER DETAIL C1/SB502.
 - SBP# INDICATES THE COLUMN BASEPLATE TYPE. SEE SCHEDULE ON SF602.

- EXISTING BUILDING NOTES**
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO DETAILING, FABRICATING, ERECTING OR INSTALLING ANY STRUCTURAL ELEMENT. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM IN A TIMELY MANNER SUCH THAT WORK WILL NOT BE DELAYED.
 - THE CONTRACTOR SHALL PROVIDE ADEQUATE SHORING OF EXISTING STRUCTURE DURING CONSTRUCTION.
 - INFILL ROOF DECK OPENINGS. SEE TYP DETAIL B3/SF503.



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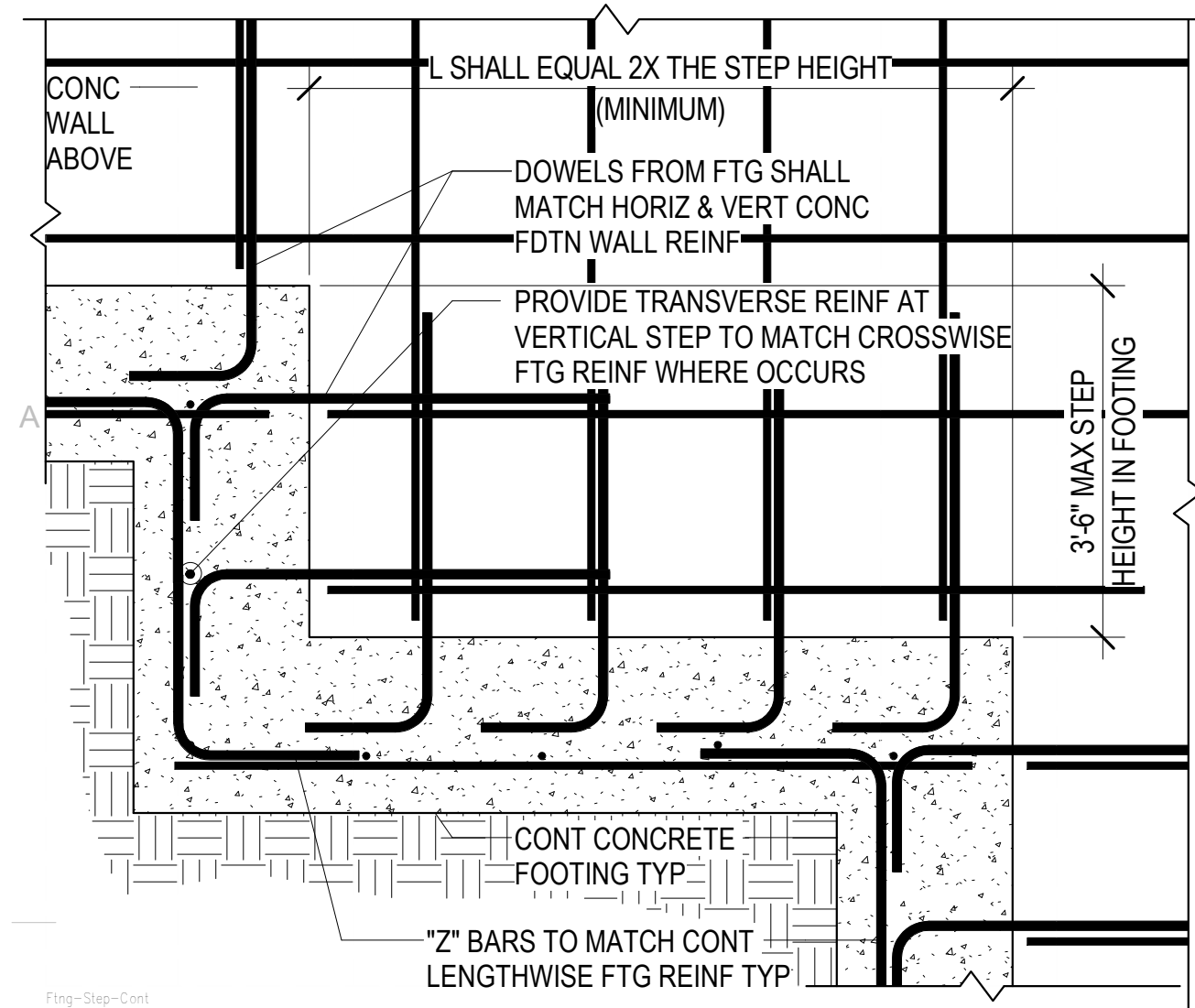
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SHEET NAME
FOOTING & FOUNDATION PLAN-AREA B

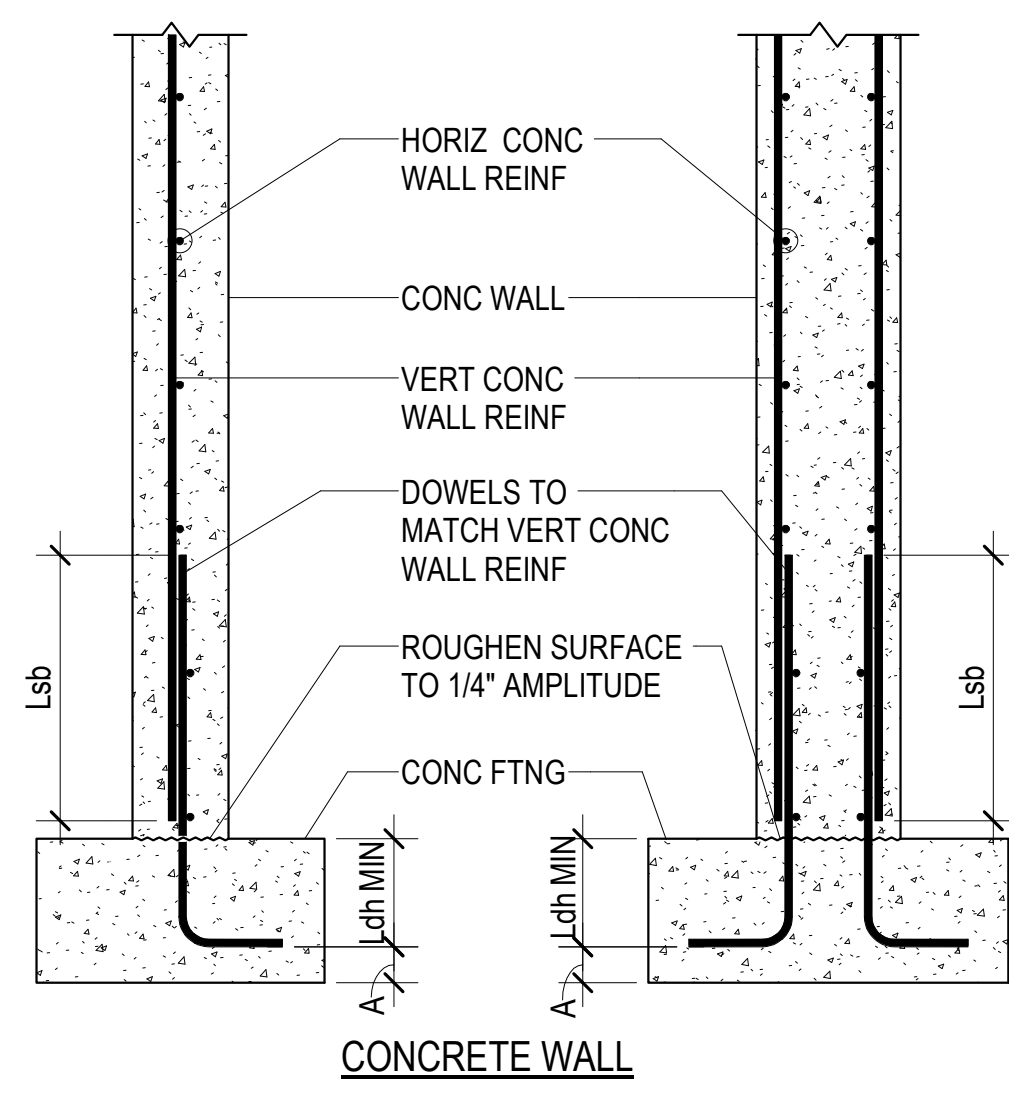
SHEET NUMBER
SB101B

FOOTING & FOUNDATION PLAN-AREA B
 SCALE: 1/8" = 1'-0"

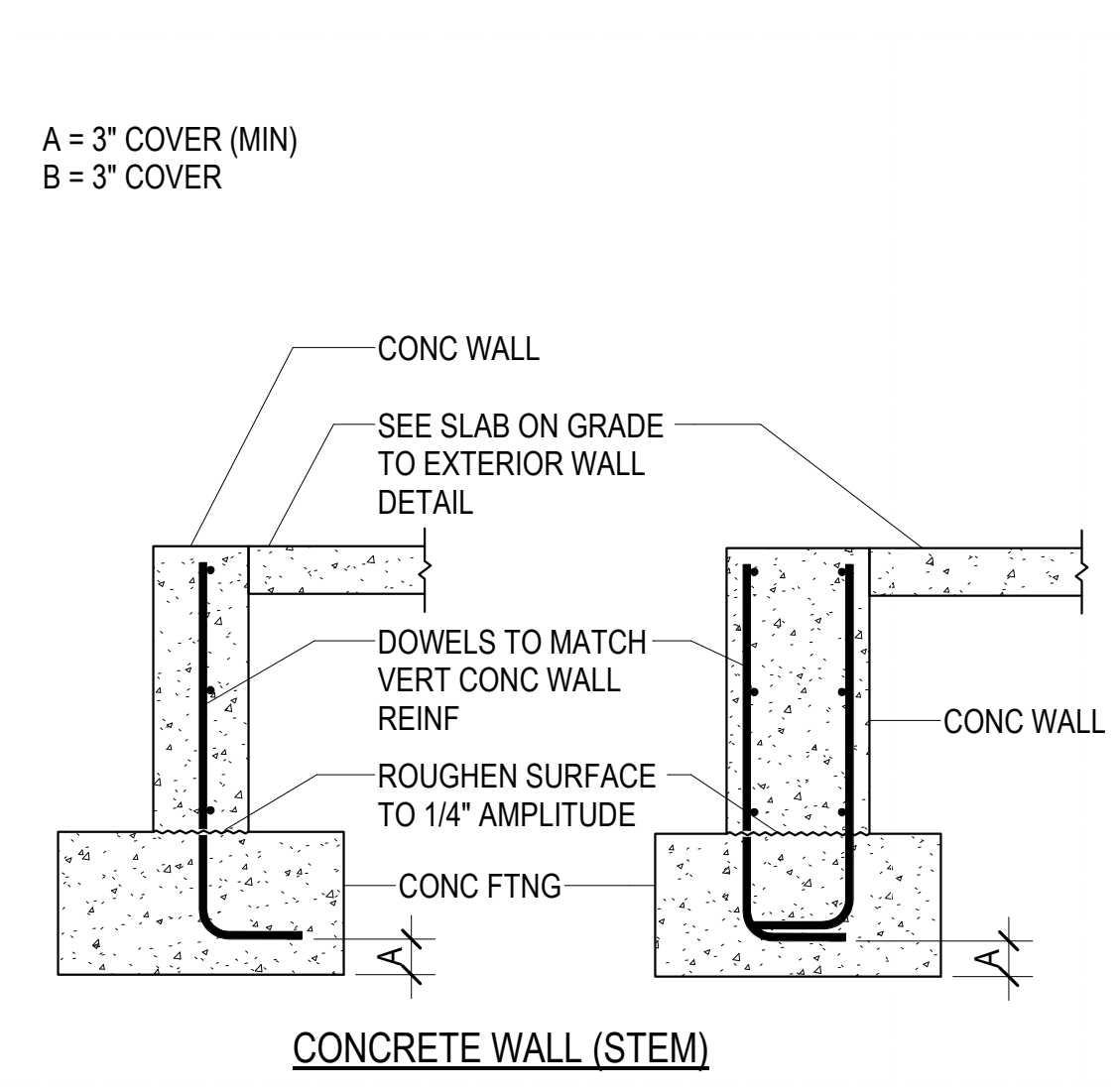
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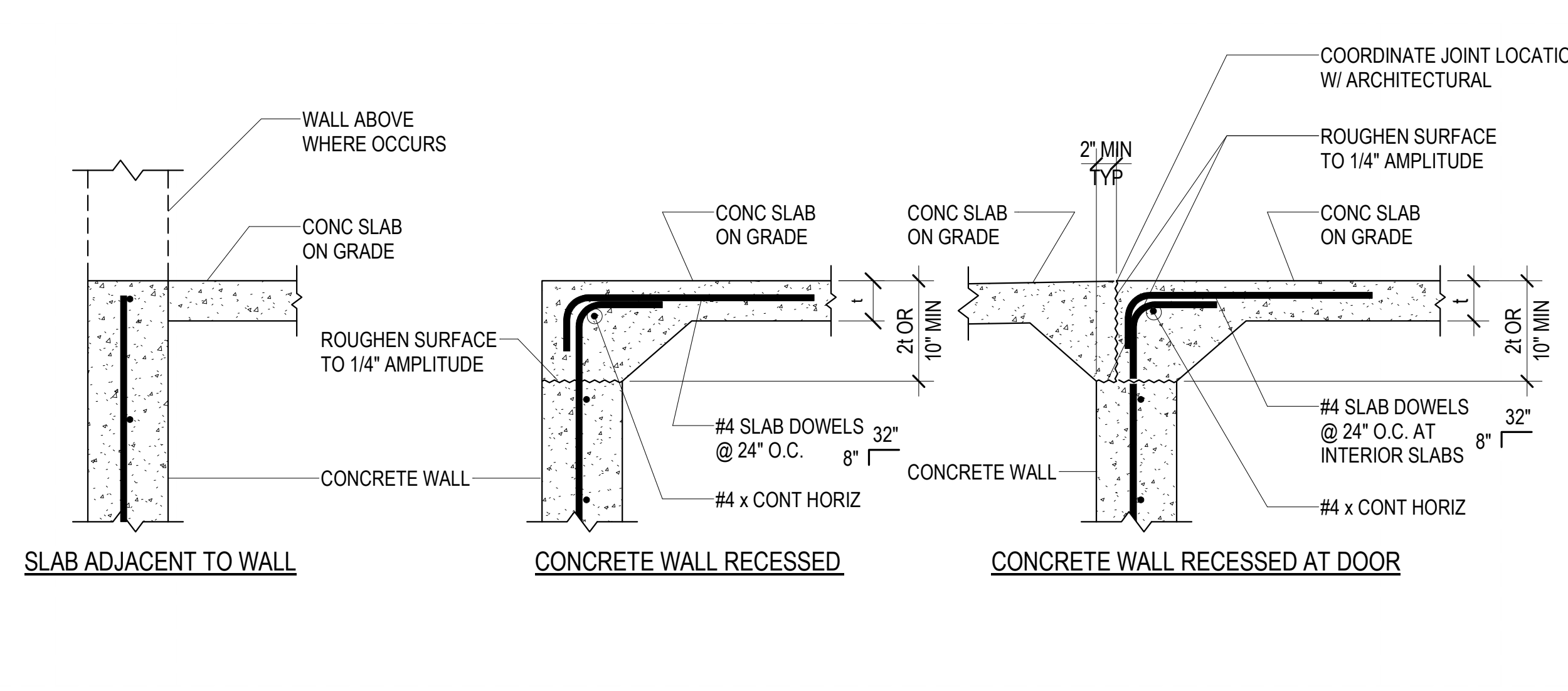
D1 TYPICAL STEP DETAIL AT CONTINUOUS FOOTING
SB501 NO SCALE



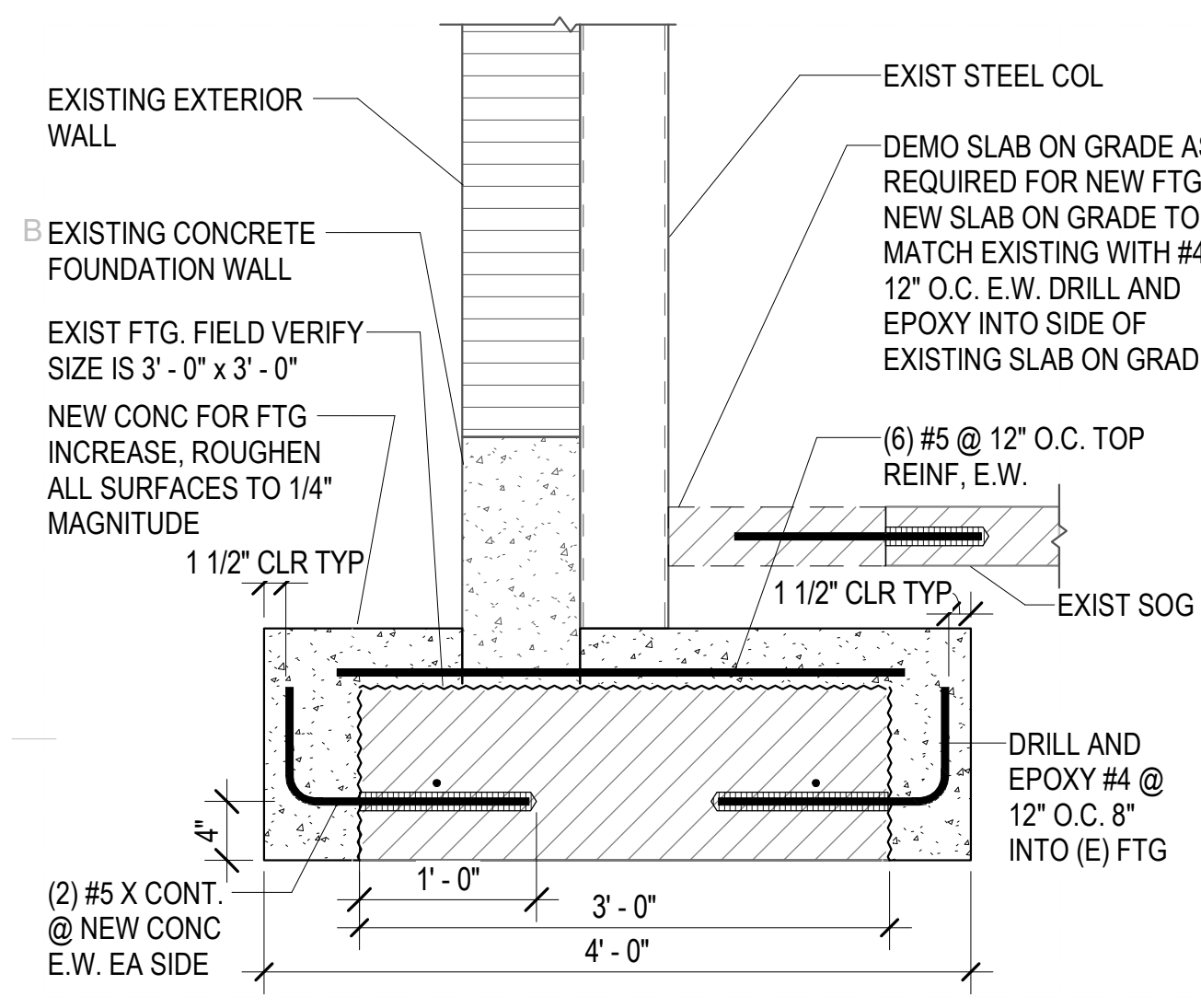
D2 TYPICAL CONCRETE WALL CONNECTION TO CONCRETE FOOTING
SB501 NO SCALE



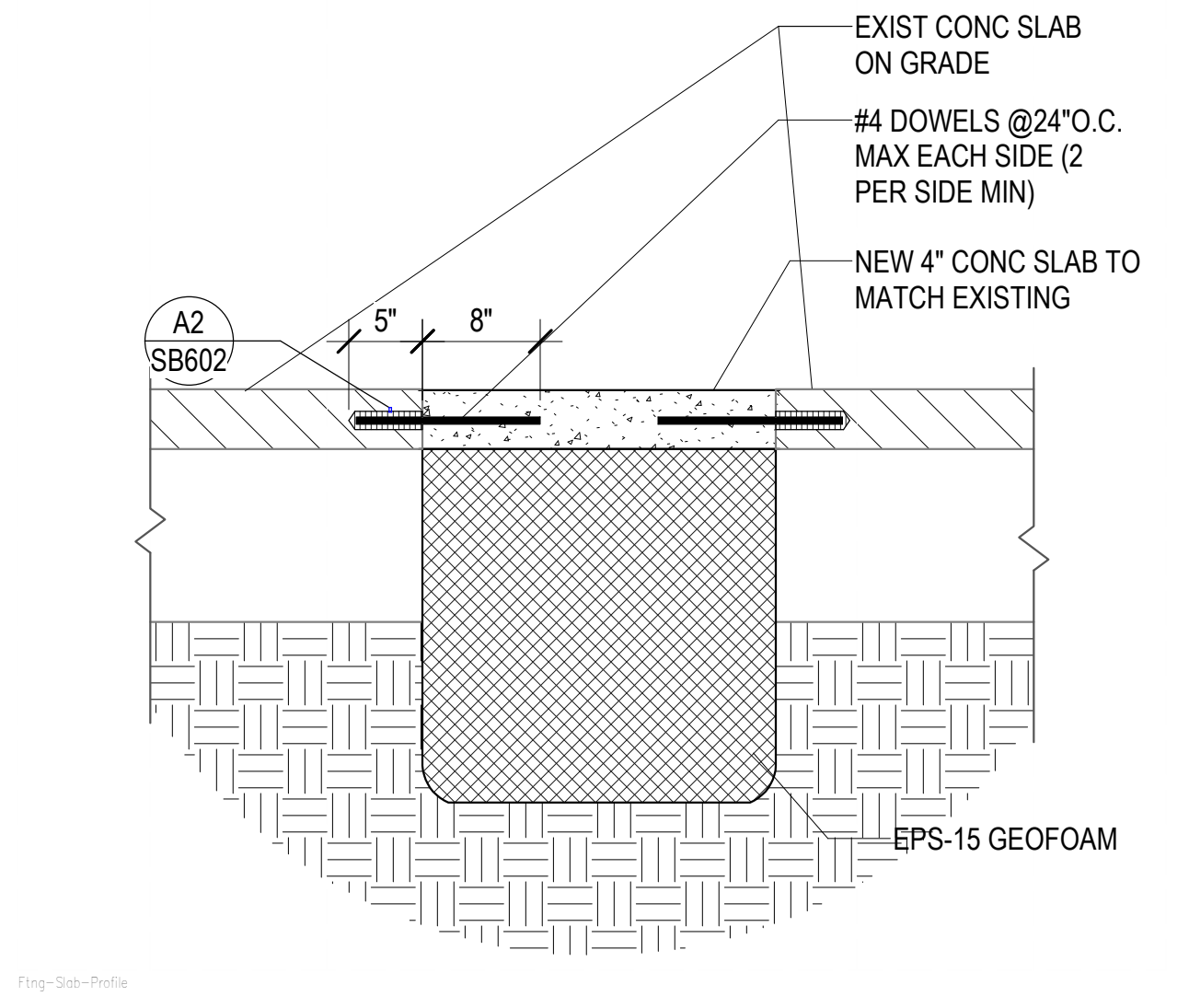
D3 TYPICAL CONCRETE WALL CONNECTION TO CONCRETE FOOTING
SB501 NO SCALE



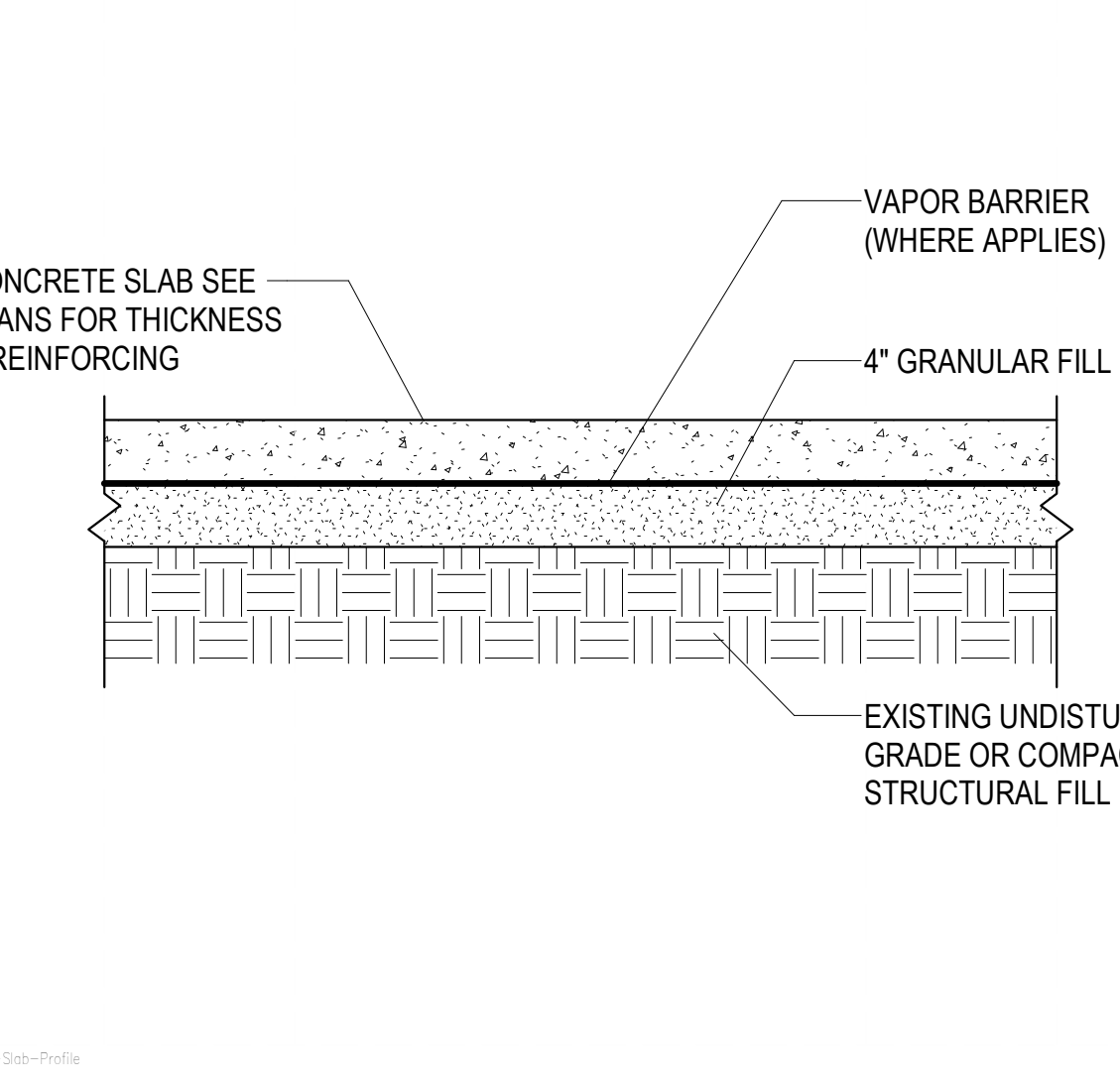
D4 TYPICAL CONCRETE SLAB ON GRADE TO CONCRETE WALL
SB501 NO SCALE



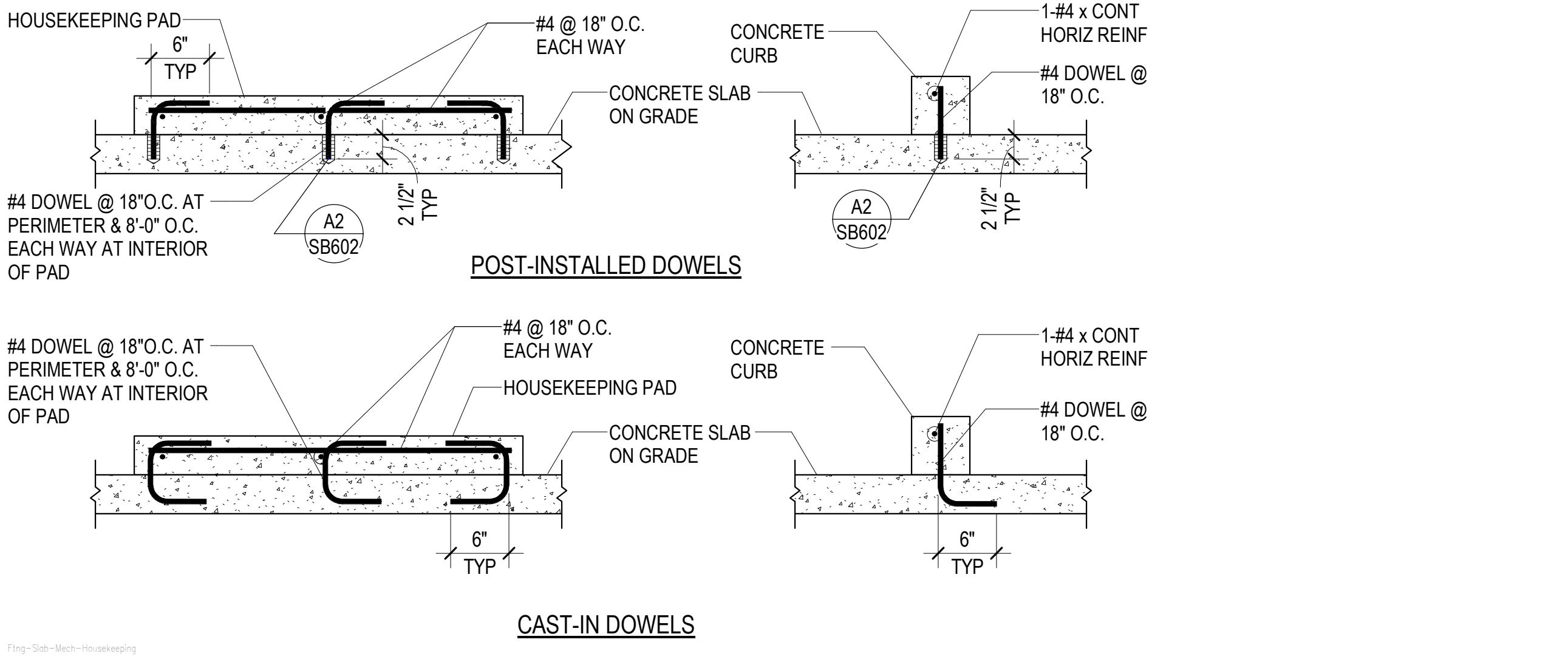
C1 EXISTING FOOTING SIZE INCREASE
SB501 NO SCALE



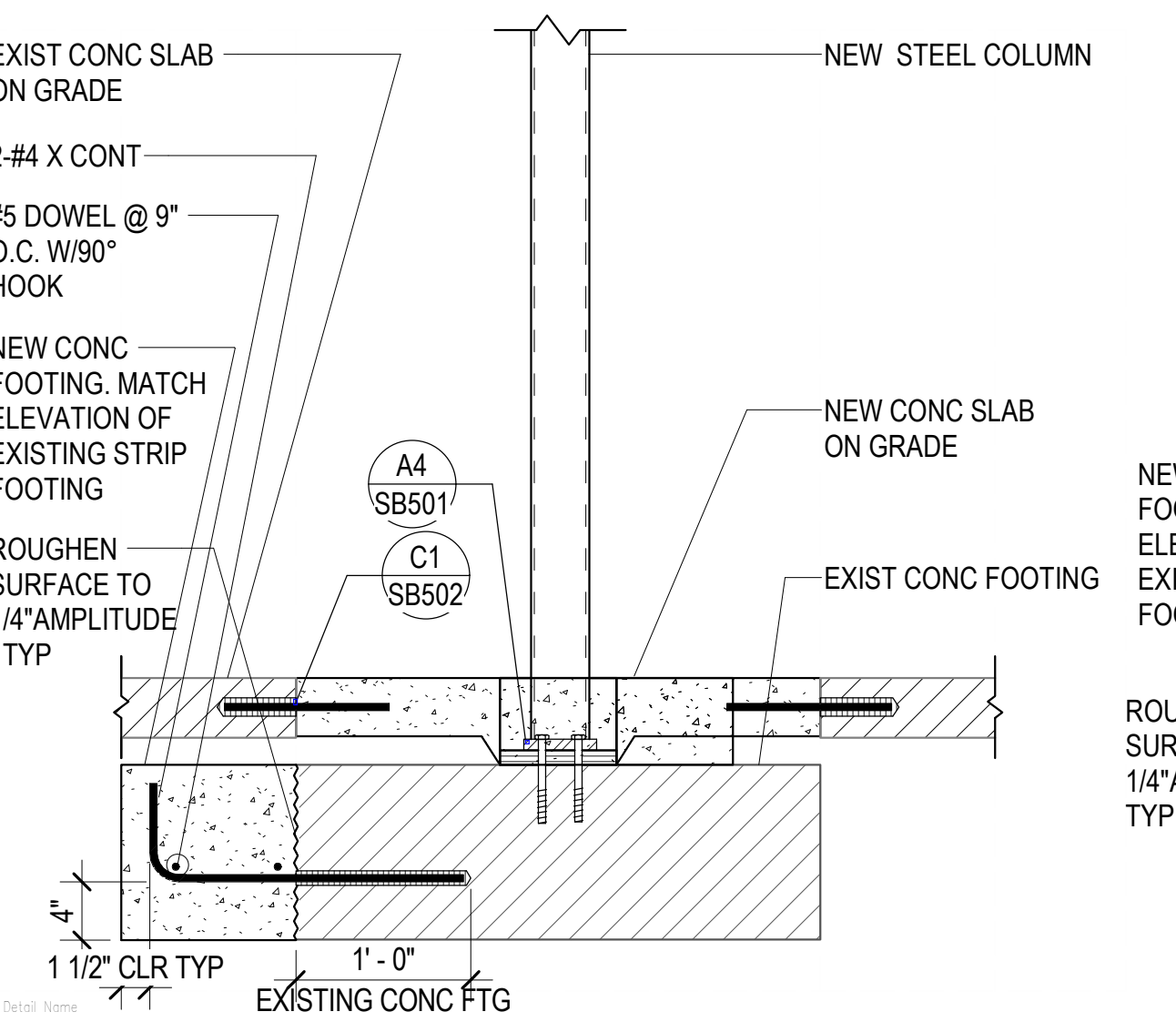
C2 EXISTING REFRIGERATION PITS INFILL
SB501 NO SCALE



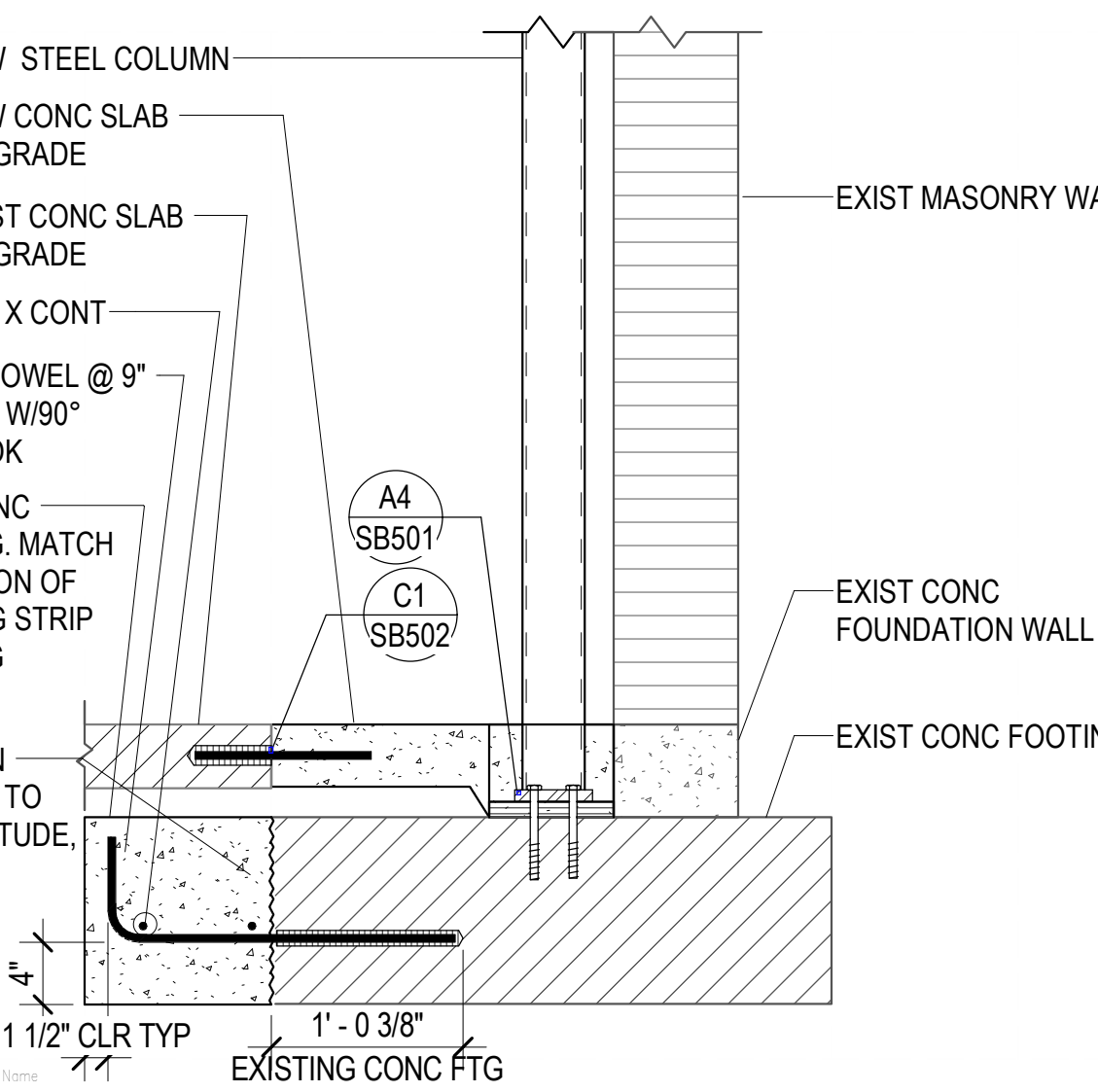
C3 TYPICAL CONCRETE SLAB ON GRADE PROFILE
SB501 NO SCALE



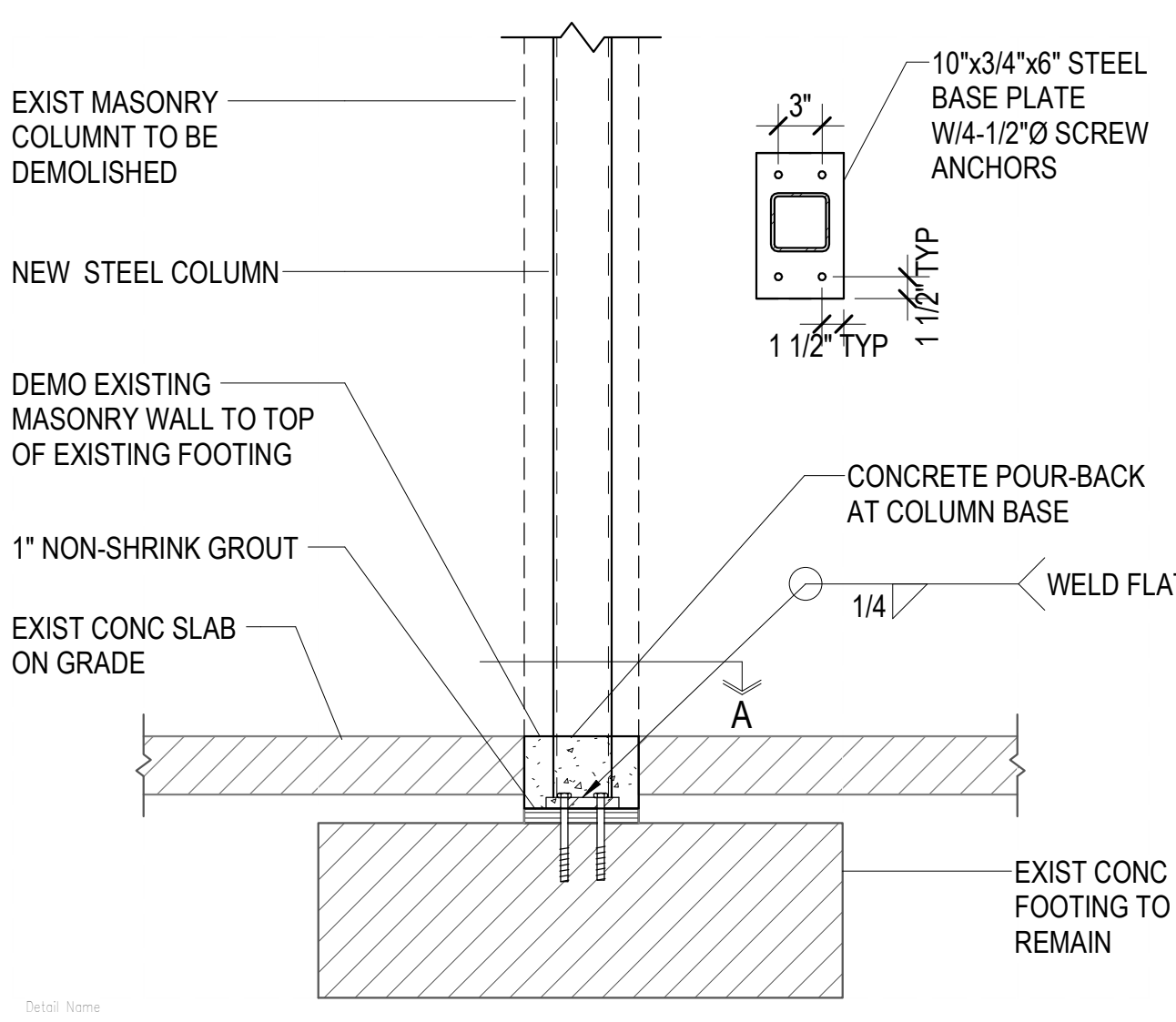
C4 TYPICAL HOUSEKEEPING PAD & CURB DETAILS AT CONCRETE SLAB ON GRADE
SB501 NO SCALE



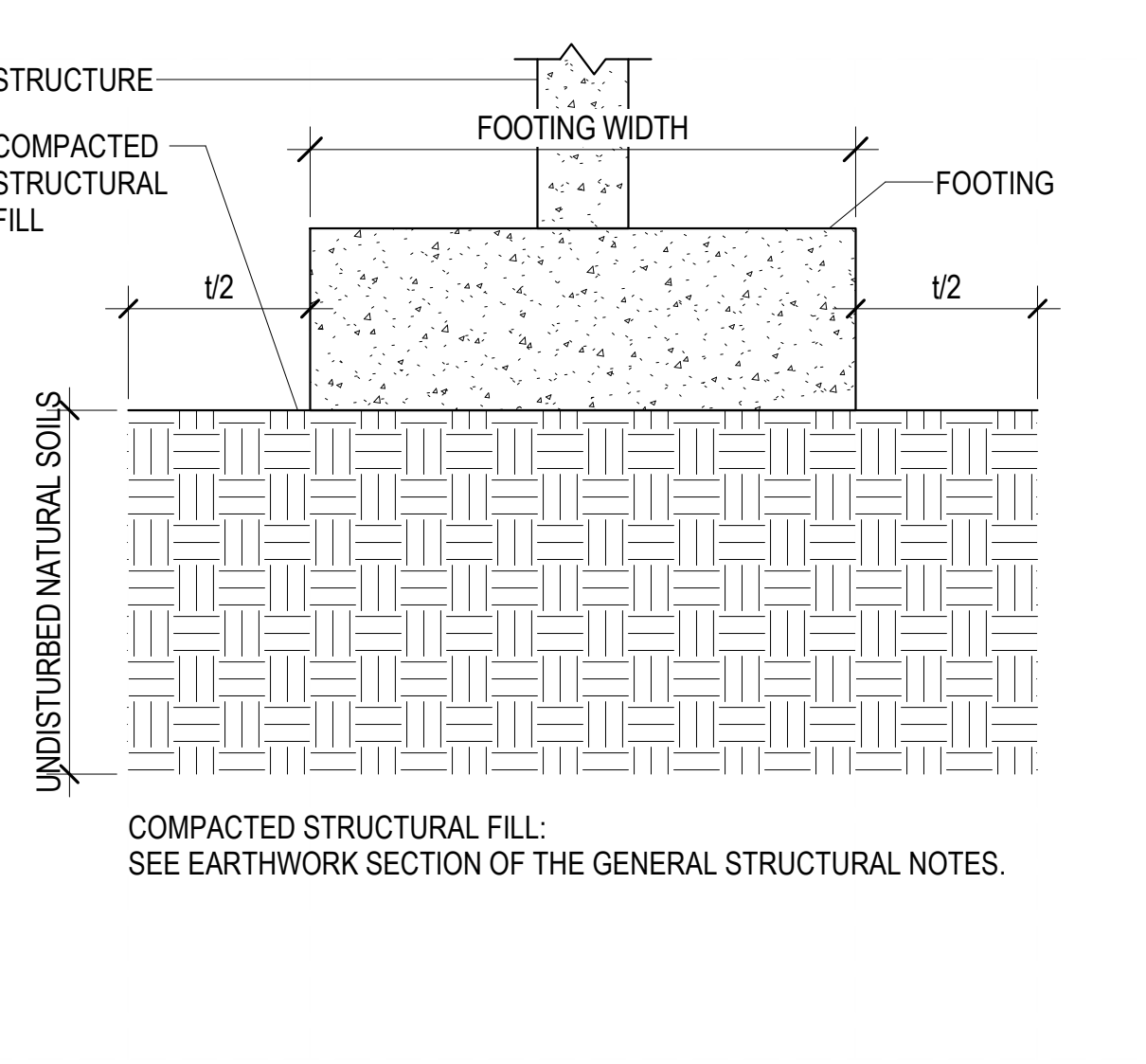
A2 NEW STEEL COLUMNS BEARING ON EXISTING FOOTING
SB501 NO SCALE



A3 NEW STEEL COLUMNS BEARING ON EXISTING FOOTING
SB501 NO SCALE

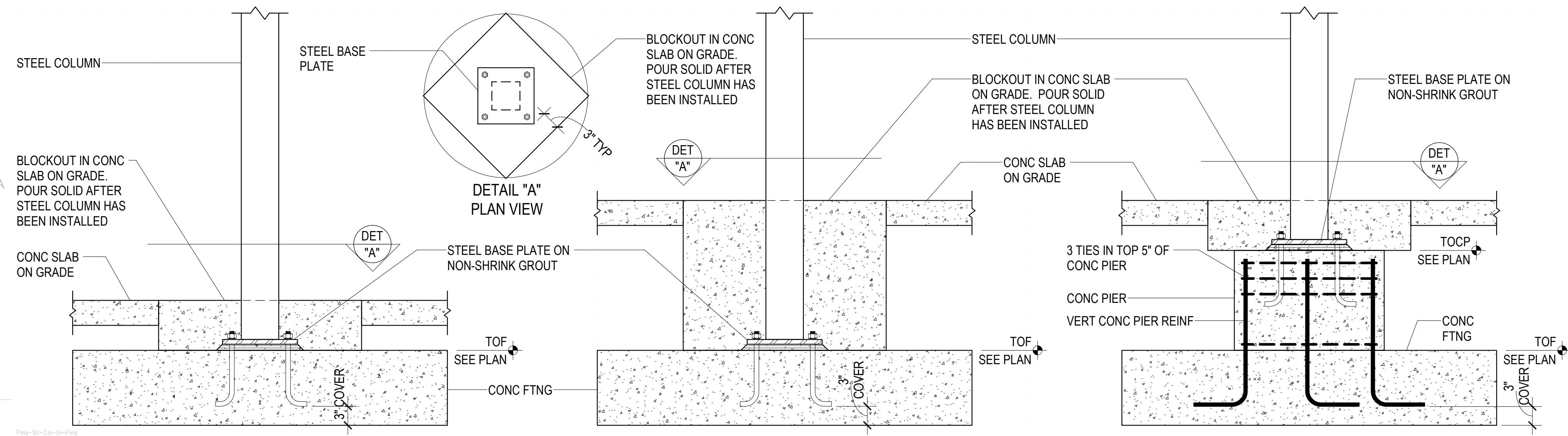


A4 NEW STEEL COLUMNS BEARING ON EXISTING FOOTING
SB501 NO SCALE

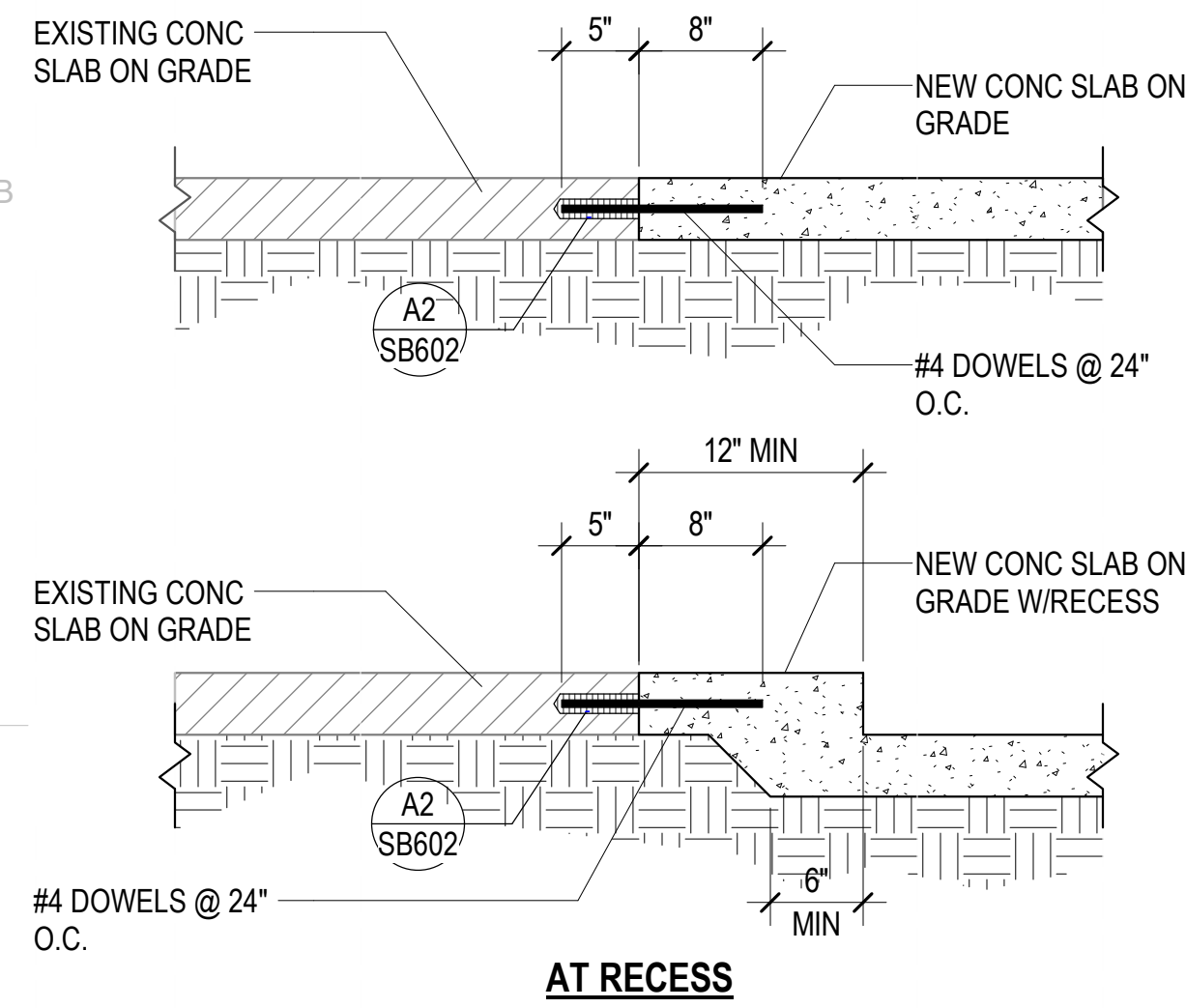


A5 TYPICAL COMPACTED STRUCTURAL FILL DETAIL
SB501 NO SCALE

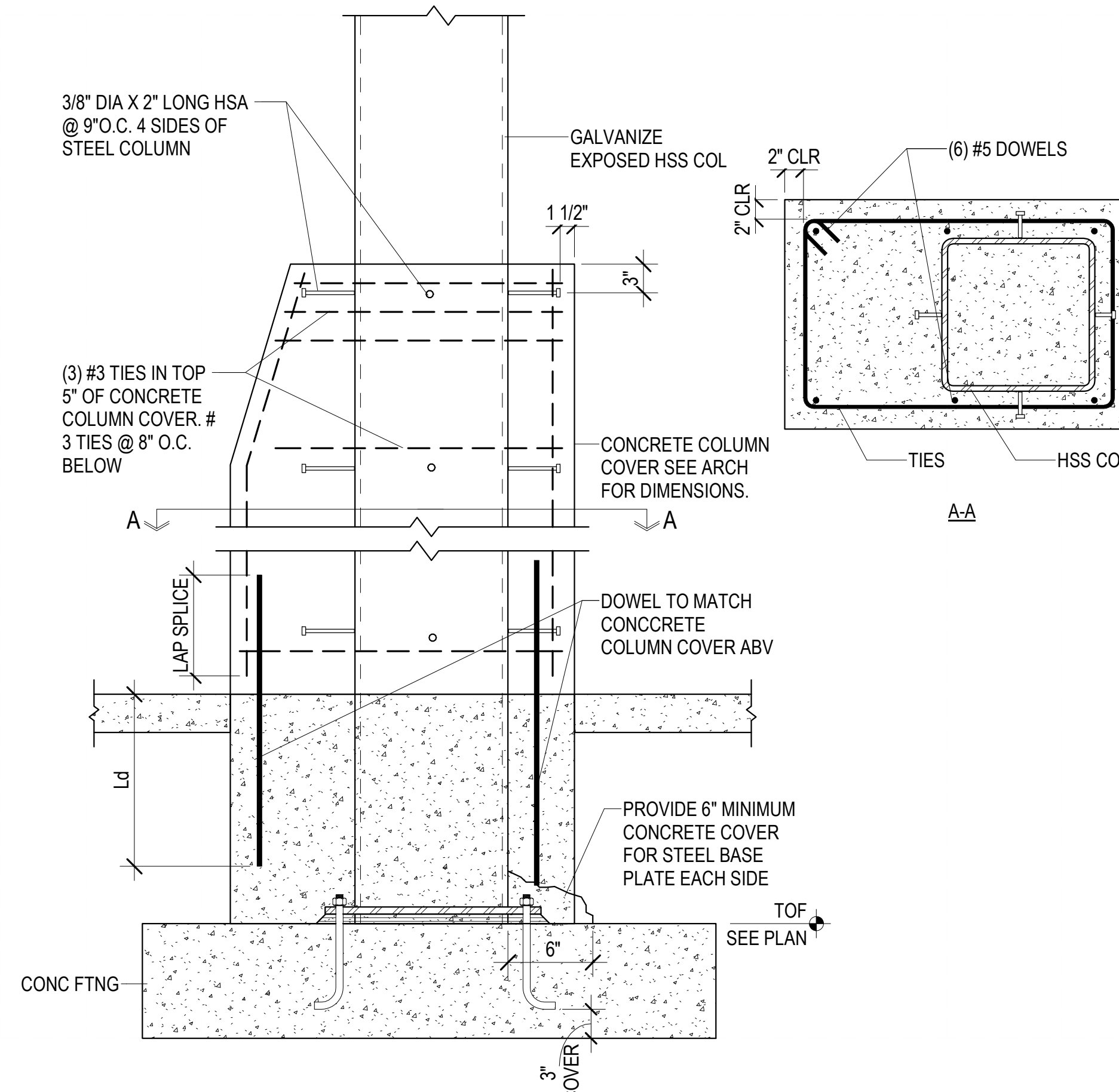
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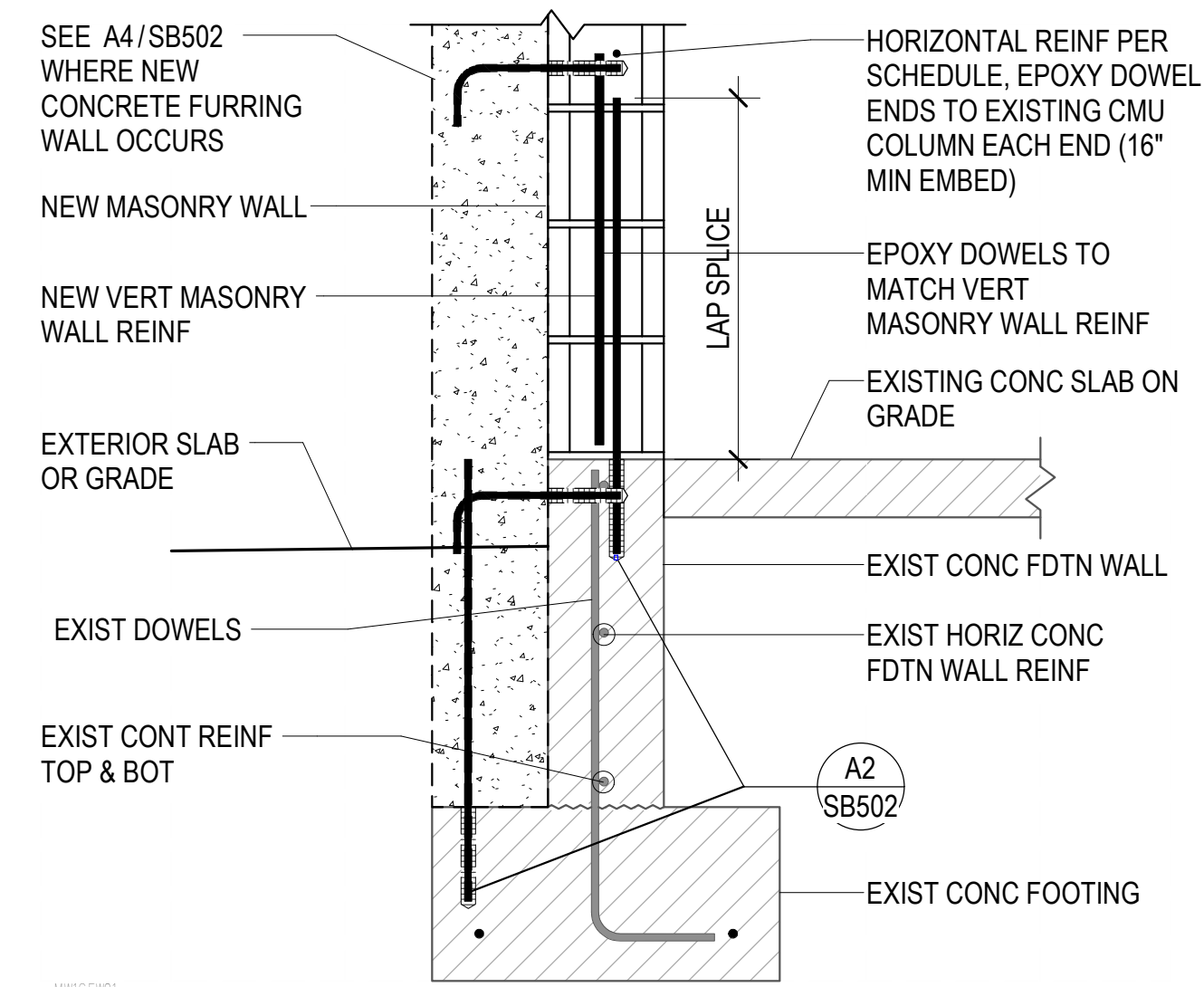
D1
SB502
TYPICAL STEEL COLUMN CONNECTION TO CONCRETE FOOTING/CONCRETE PIER
NO SCALE



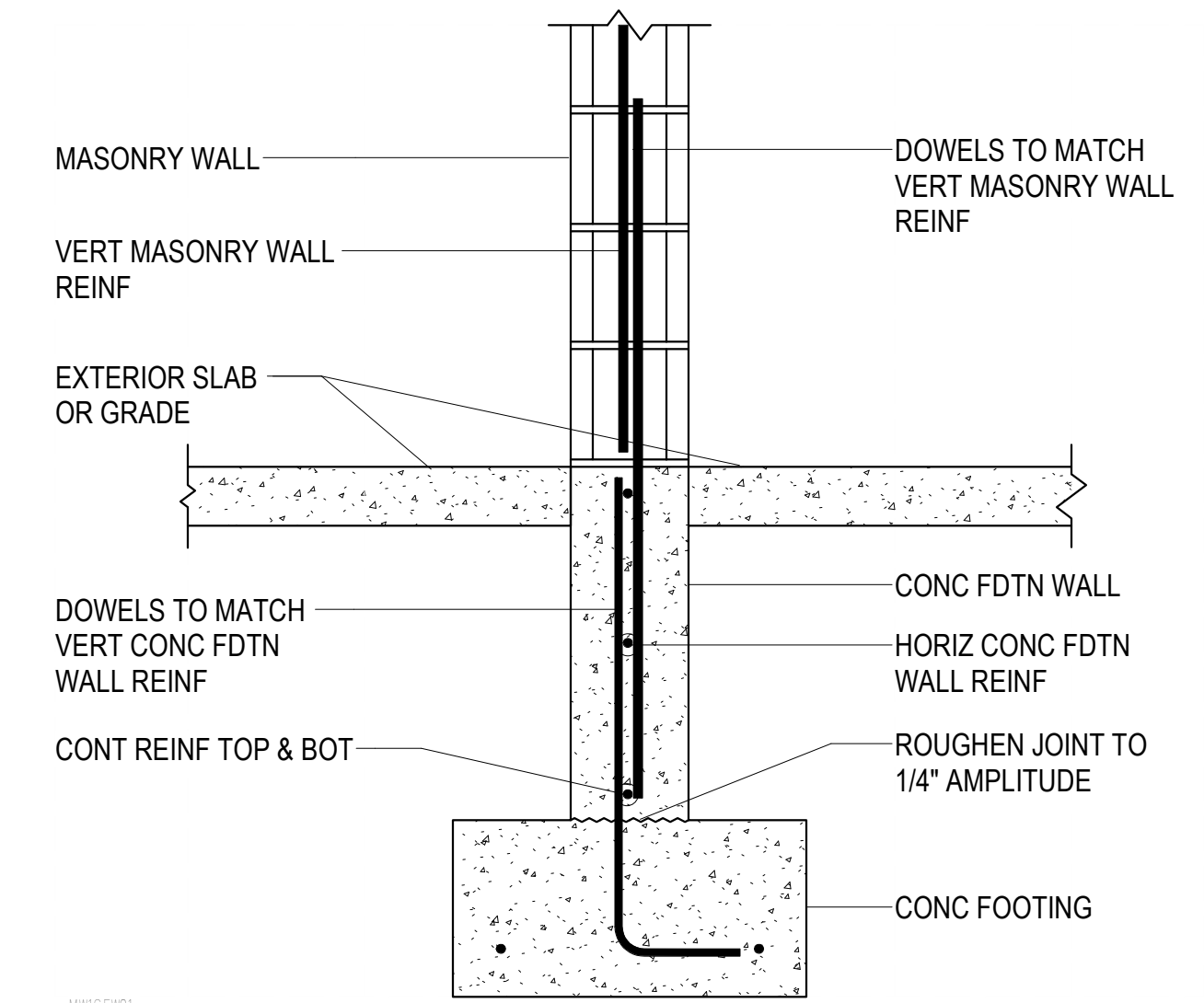
C1
SB502
TYPICAL NEW SLAB ON GRADE CONNECTION TO EXISTING CONCRETE SLAB ON GRADE
NO SCALE



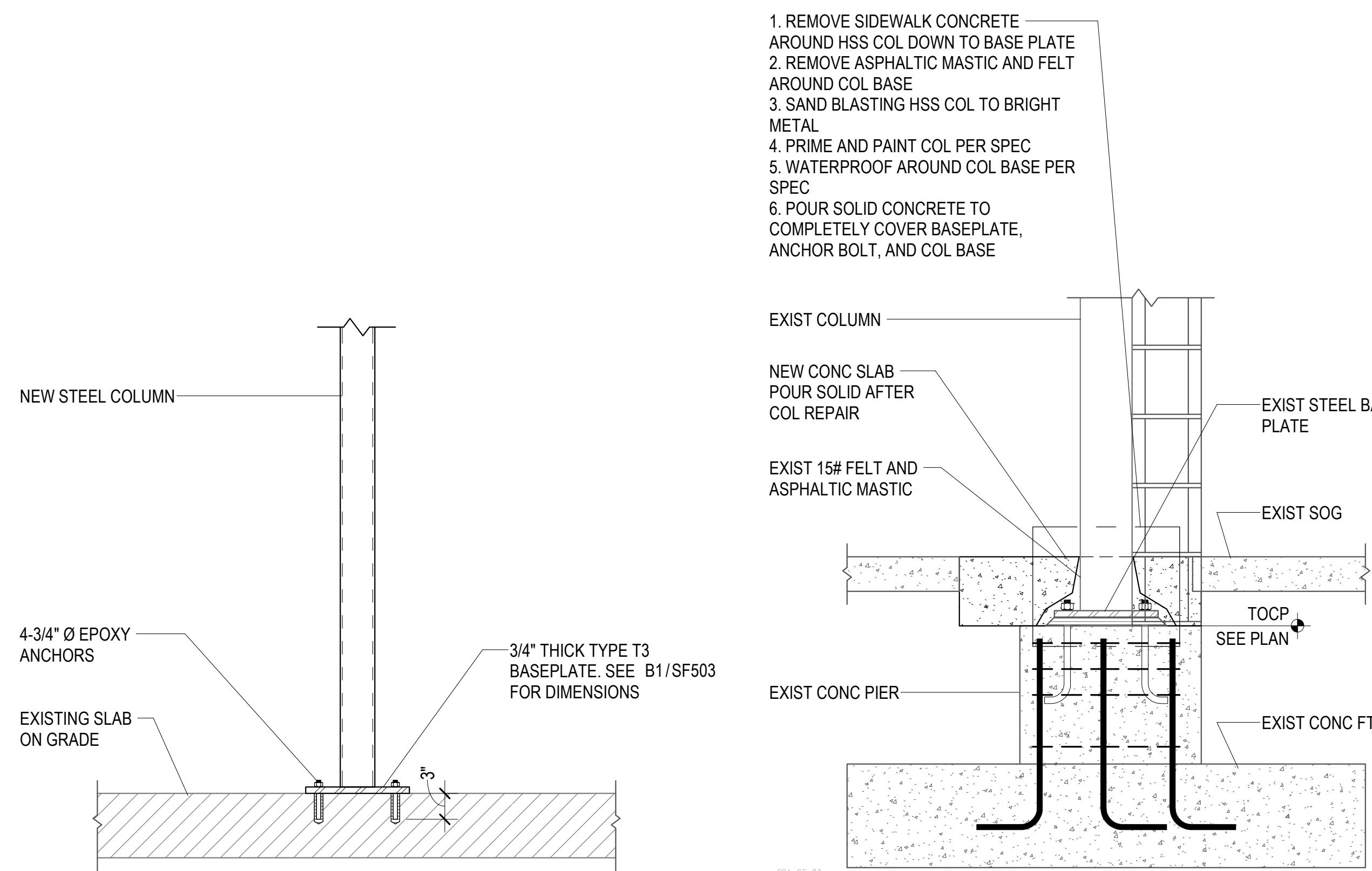
B3
SB502
TYPICAL STEEL COLUMN CONNECTION TO CONCRETE FOOTING/CONCRETE PIER
NO SCALE



C4
SB502
TYPICAL NEW MASONRY WALL ON EXIST FOUNDATION WALL
NO SCALE

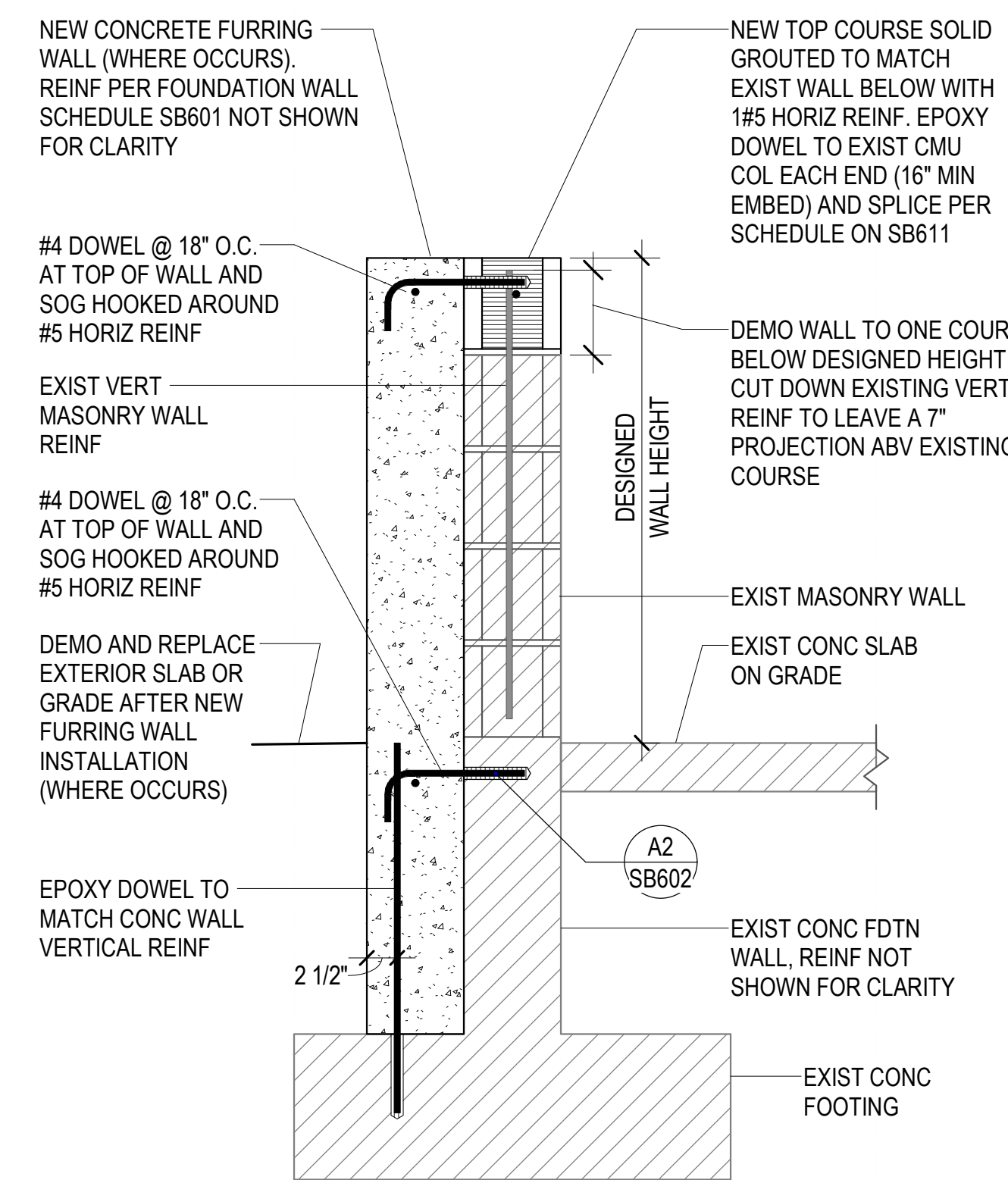


C5
SB502
TYPICAL MASONRY WALL ON FOUNDATION WALL
NO SCALE

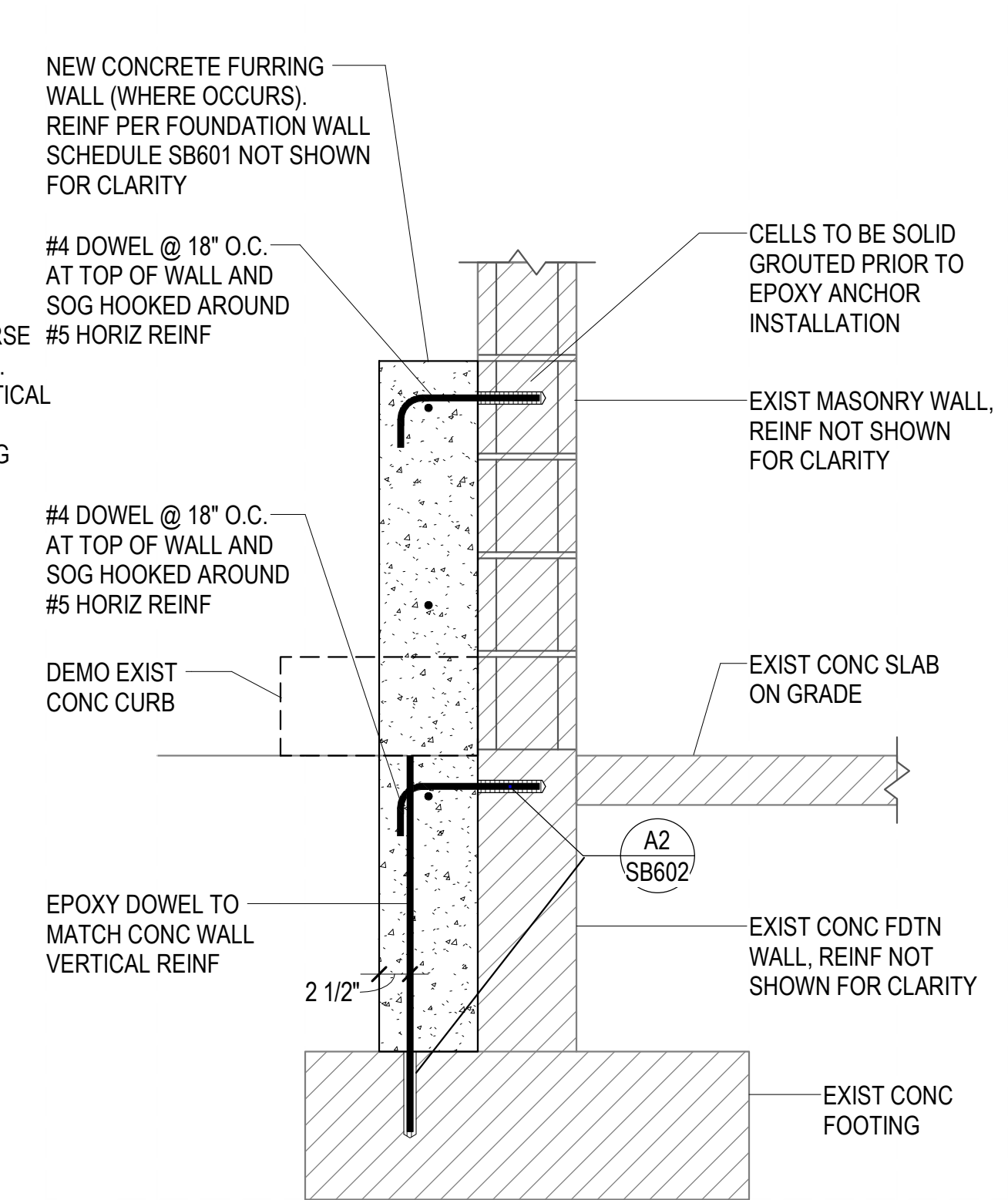


A2
SB502
NEW TUBE COLUMN CONNECTION TO EXISTING SLAB ON GRADE
NO SCALE

A3
SB502
RUST REPAIR ON EXIST EXTERIOR HSS COLUMN
NO SCALE



A4
SB502
MASONRY WALL CUT DOWN ON EXIST FOUNDATION WALL
NO SCALE

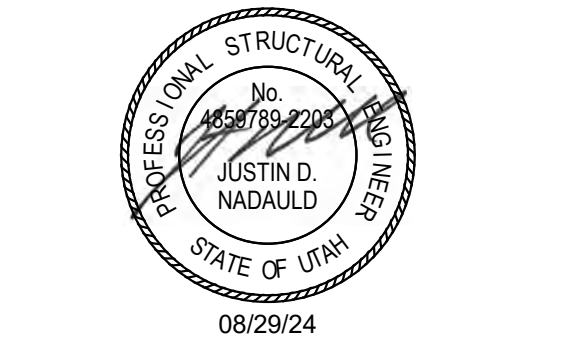


A5
SB502
NEW FURRING CONG WALL TO EXISTING CMU WALL
NO SCALE



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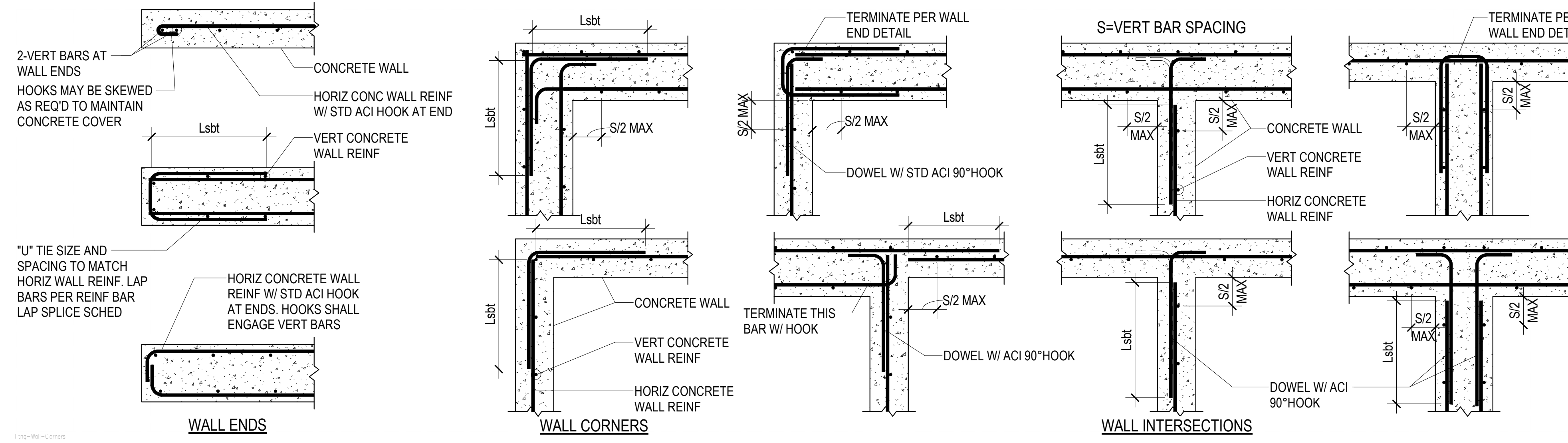


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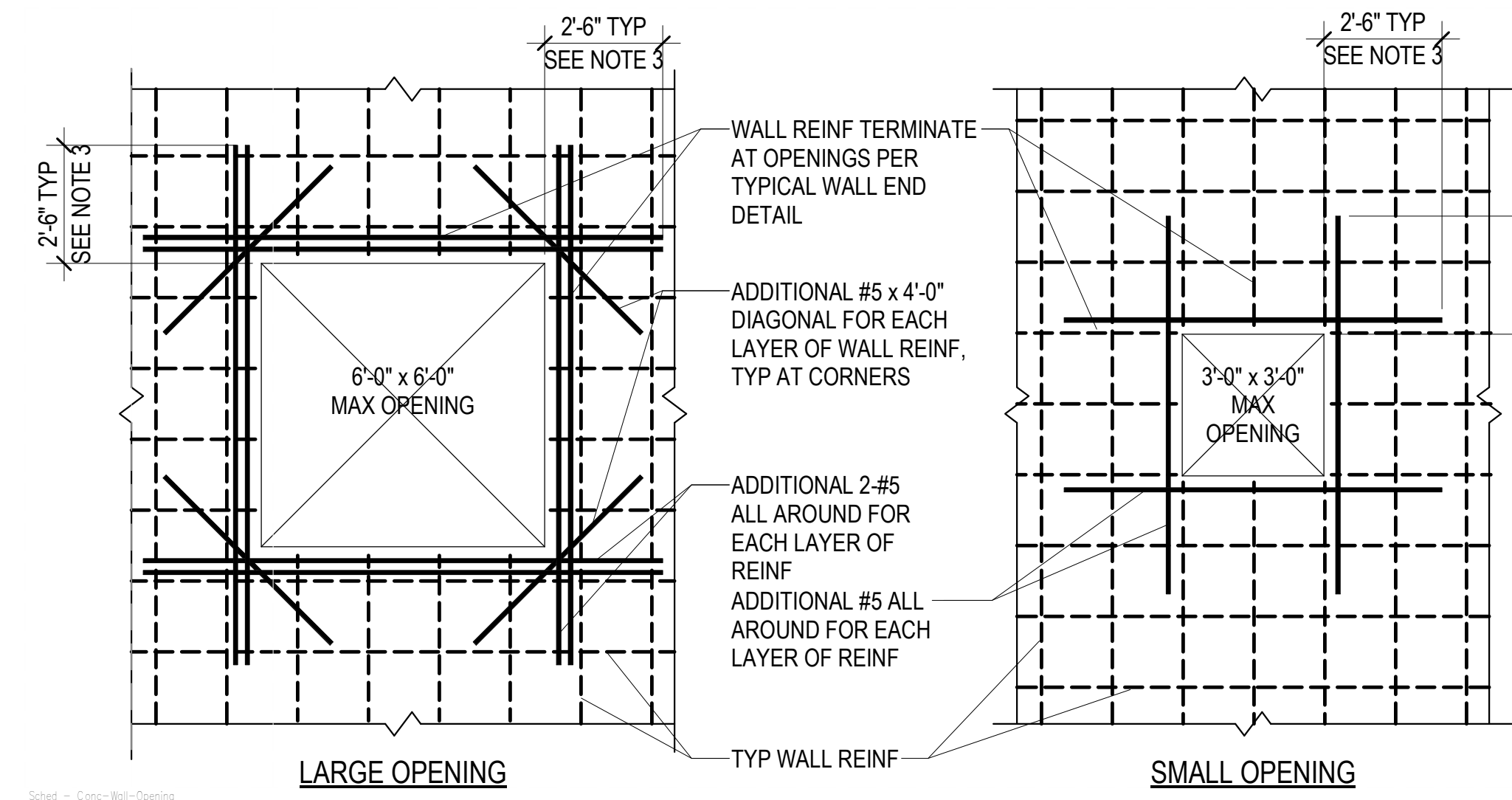
NO.	DATE	DESCRIPTION

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CONSTRUCTION DOCUMENTS 100%
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SHEET NAME
TYPICAL FOOTING & FOUNDATION DETAILS
SHEET NUMBER

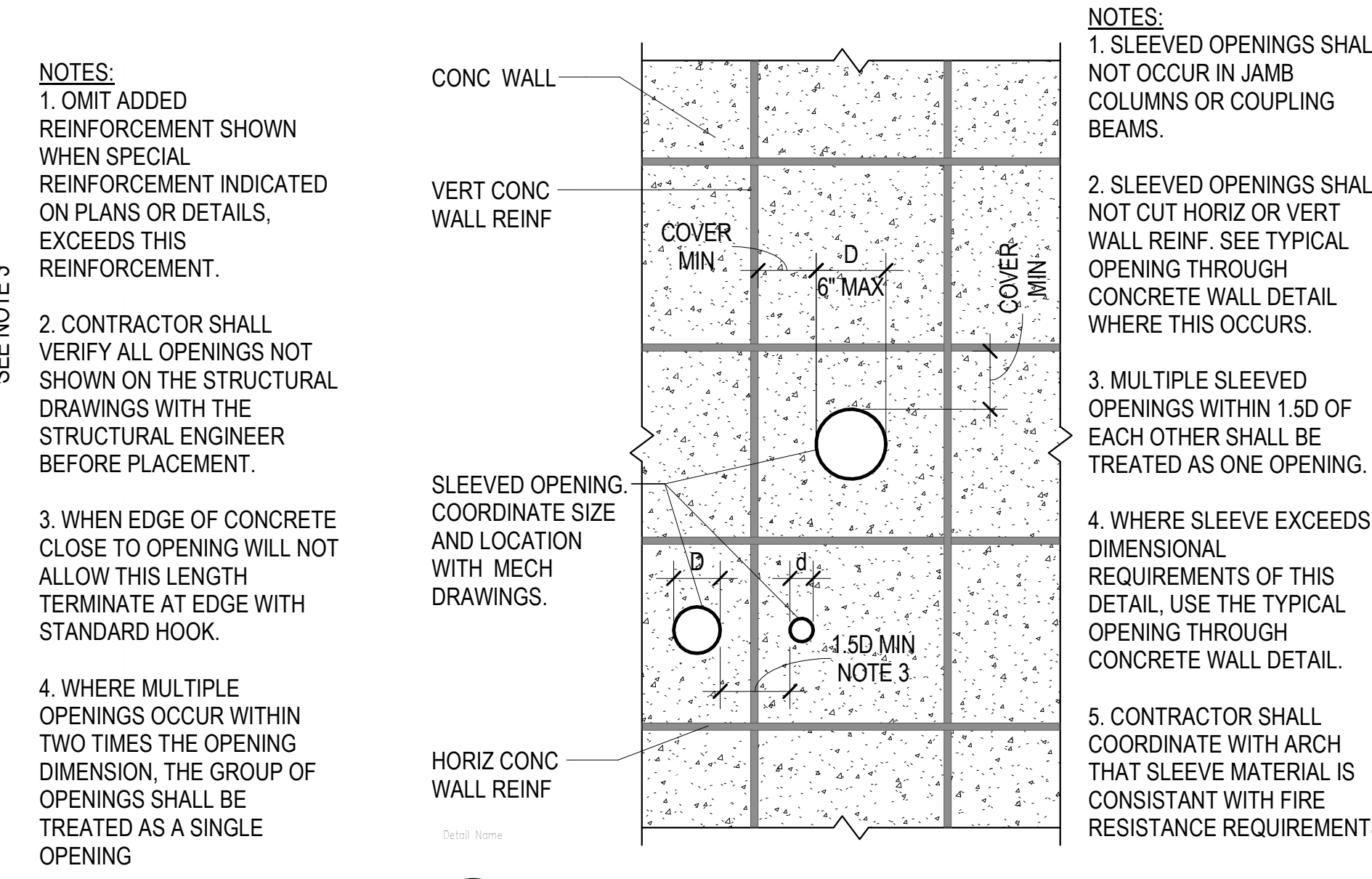
SB502



D2 TYPICAL CONCRETE WALL REINFORCING AT ENDS, CORNERS AND INTERSECTIONS (PLAN VIEWS)
 SB601 NO SCALE



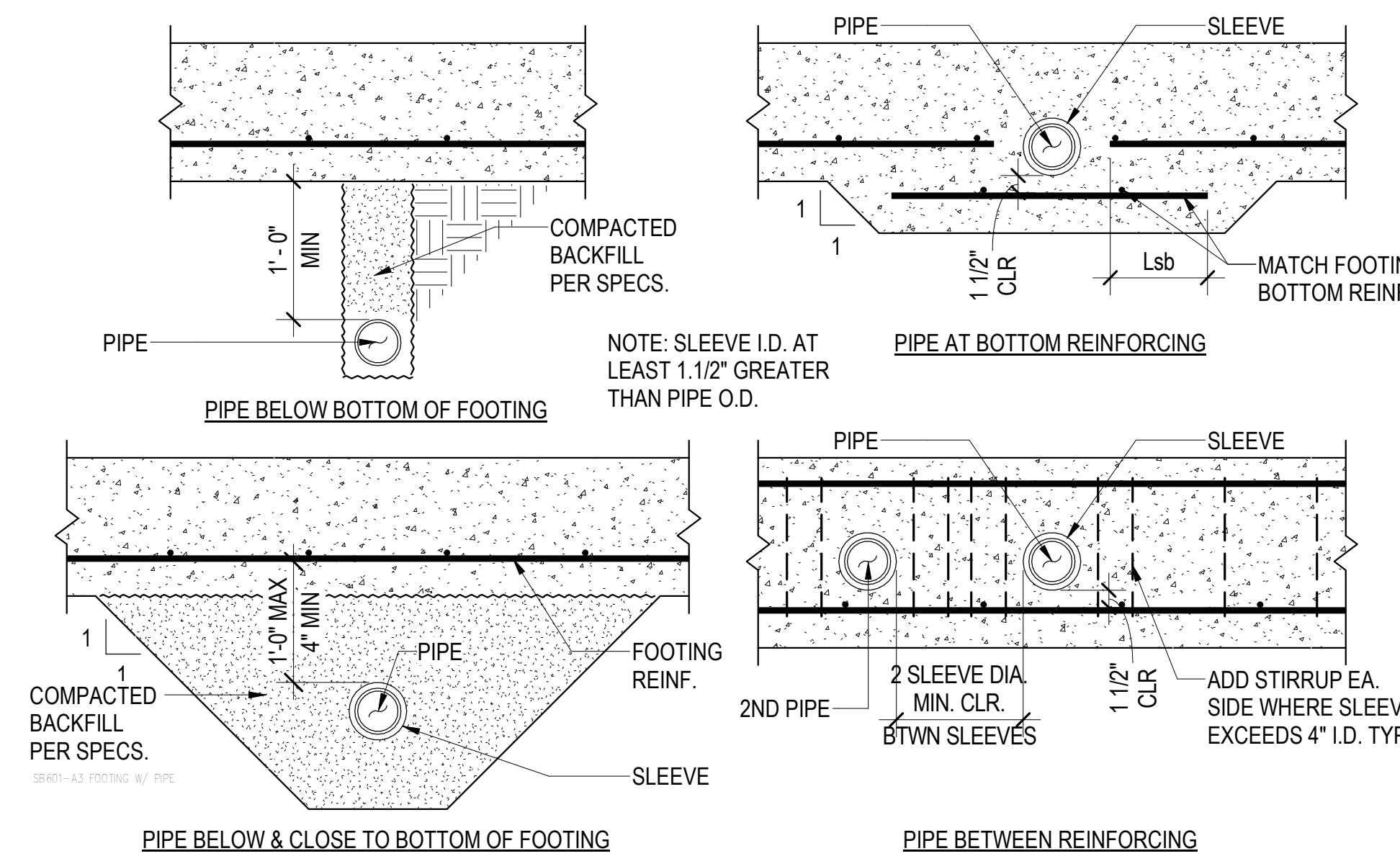
C2 TYPICAL OPENINGS THROUGH CONCRETE WALLS
 SB601 NO SCALE



C4 TYPICAL SLEEVED OPENING THROUGH CONCRETE WALL
 SB601 NO SCALE

CONCRETE FOOTING SCHEDULE													
MARK	WIDTH	LENGTH	THICK	CROSSWISE REINFORCING				LENGTHWISE REINFORCING				REMARKS	
				NO.	SIZE	LENGTH	SPACE	NO.	SIZE	LENGTH	SPACE		
FS2.0	2'-0"	2'-0"	1'-0"	4	#4	2'-6"	10"	4	#4	2'-6"	10"		
FS4.0	4'-0"	4'-0"	1'-0"	6	#4	3'-6"	8.4"	6	#4	3'-6"	8.4"		
FS5.0	5'-0"	5'-0"	1'-0"	7	#4	4'-6"	9"	7	#4	4'-6"	9"		
FC4.0	4'-0"	CONT.	1'-0"	-	#5	3'-6"	14"	4	#5	CONT.	14"		
FS3.5	3'-6"	3'-6"	1'-0"	5	#4	3'-0"	9"	5	#4	3'-0"	9"		

NOTES:
 1. PLACE ALL FOOTING REINFORCING IN BOTTOM OF FOOTING WITH 3" CLEAR CONCRETE COVER UNLESS NOTED OTHERWISE.
 2. TOP REINFORCING, WHERE SPECIFIED, SHALL BE PLACED IN THE TOP OF THE FOOTING WITH 2" CLEAR CONCRETE COVER.
 3. SPOT FOOTINGS SHALL BE CENTERED UNDER COLUMNS AND CONTINUOUS FOOTINGS SHALL BE CENTERED UNDER WALLS, UNLESS NOTED OTHERWISE.
 4. ALL FOOTINGS SHALL BE FORMED. FOOTINGS SHALL NOT BE EARTH FORMED OR OVERSIZED WITHOUT WRITTEN PERMISSION FROM THE STRUCTURAL ENGINEER.



A3 PIPES PENETRATING & ADJACENT TO FOOTINGS OR GRADE BEAMS
 SB601 NO SCALE

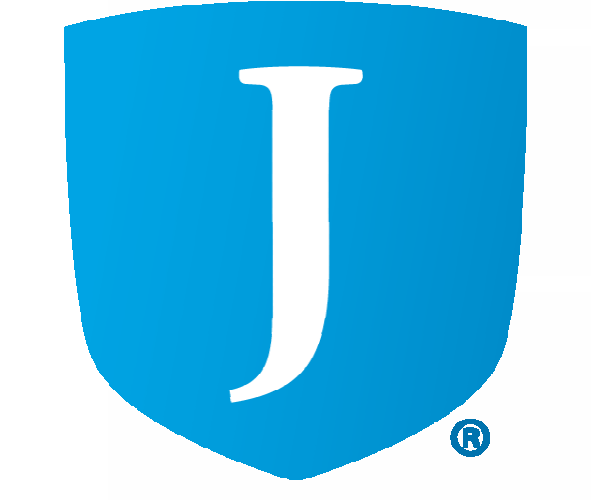
CONCRETE FOUNDATION WALL SCHEDULE					
MARK	THICK	HORIZONTAL REINFORCING	VERTICAL REINFORCING	T & B HORIZ BARS	PLACEMENT
CFW-1	8"	#5 @ 15" O.C.	#4 @ 16" O.C.	1-#5	TYPE A

NOTES:
 1. HORIZONTAL WALL REINFORCING SHALL BE CONTINUOUS THRU CONSTRUCTION & CONTROL JOINTS.
 2. SPLICES IN HORIZONTAL WALL REINFORCING SHALL BE TYPE Lsbt, STAGGERED SUCH THAT SPLICES DO NOT OVERLAP. SPLICES IN TWO CURTAINS SHALL NOT OCCUR IN THE SAME LOCATION.

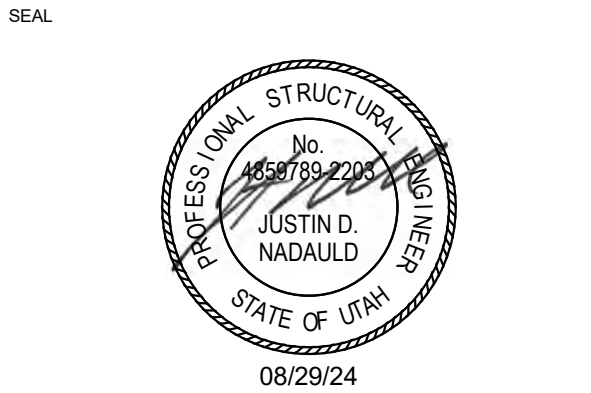
PLACEMENT TYPE

TYPE A **TYPE B** **TYPE C** **TYPE D**

E.F. = EACH FACE
 O.F. = OUTSIDE FACE (AGAINST SOIL)
 I.F. = INSIDE FACE
 3L = THREE LAYERS



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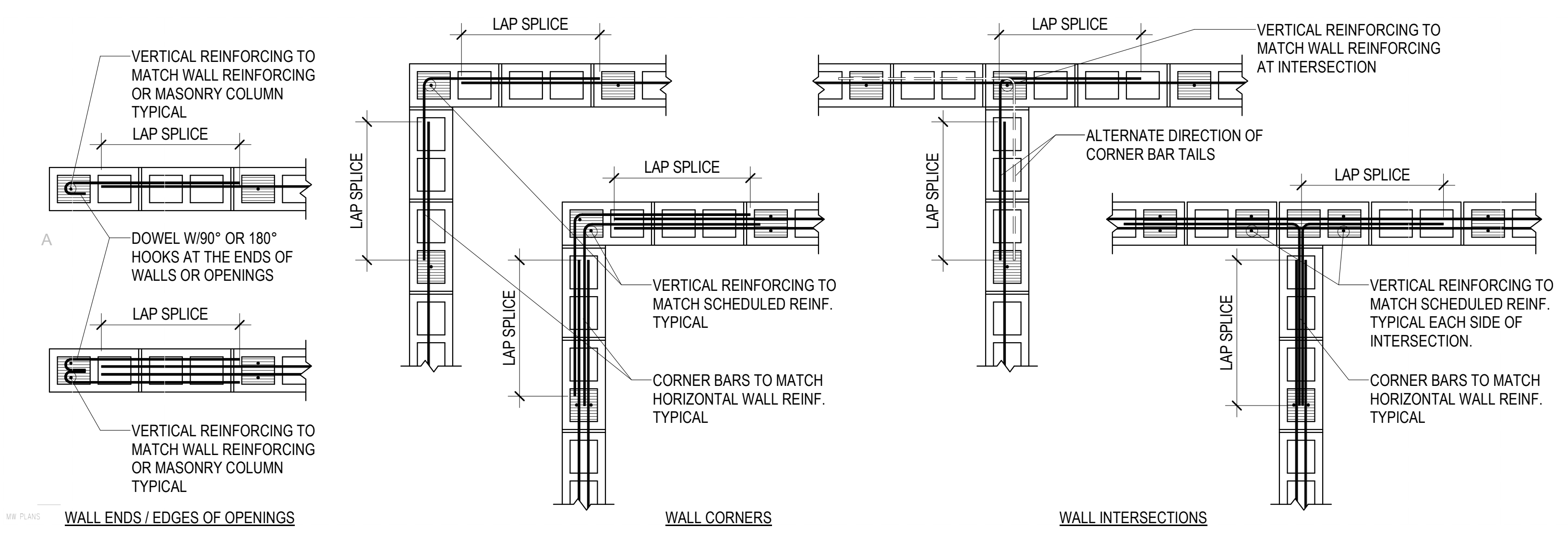
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 CONCRETE SCHEDULES

SHEET NUMBER
 SB601



MARK	THICK	MATERIAL	REINFORCING			REMARKS
			VERTICAL	HORIZONTAL	TYPE	
MW-1	8"	CMU	#5 @ 32" O.C.	#5 @ 32" O.C.	TYPE 1	
MW-2	8"	CMU	#5 @ 16" O.C.	#5 @ 16" O.C.	TYPE 1	

NOTES

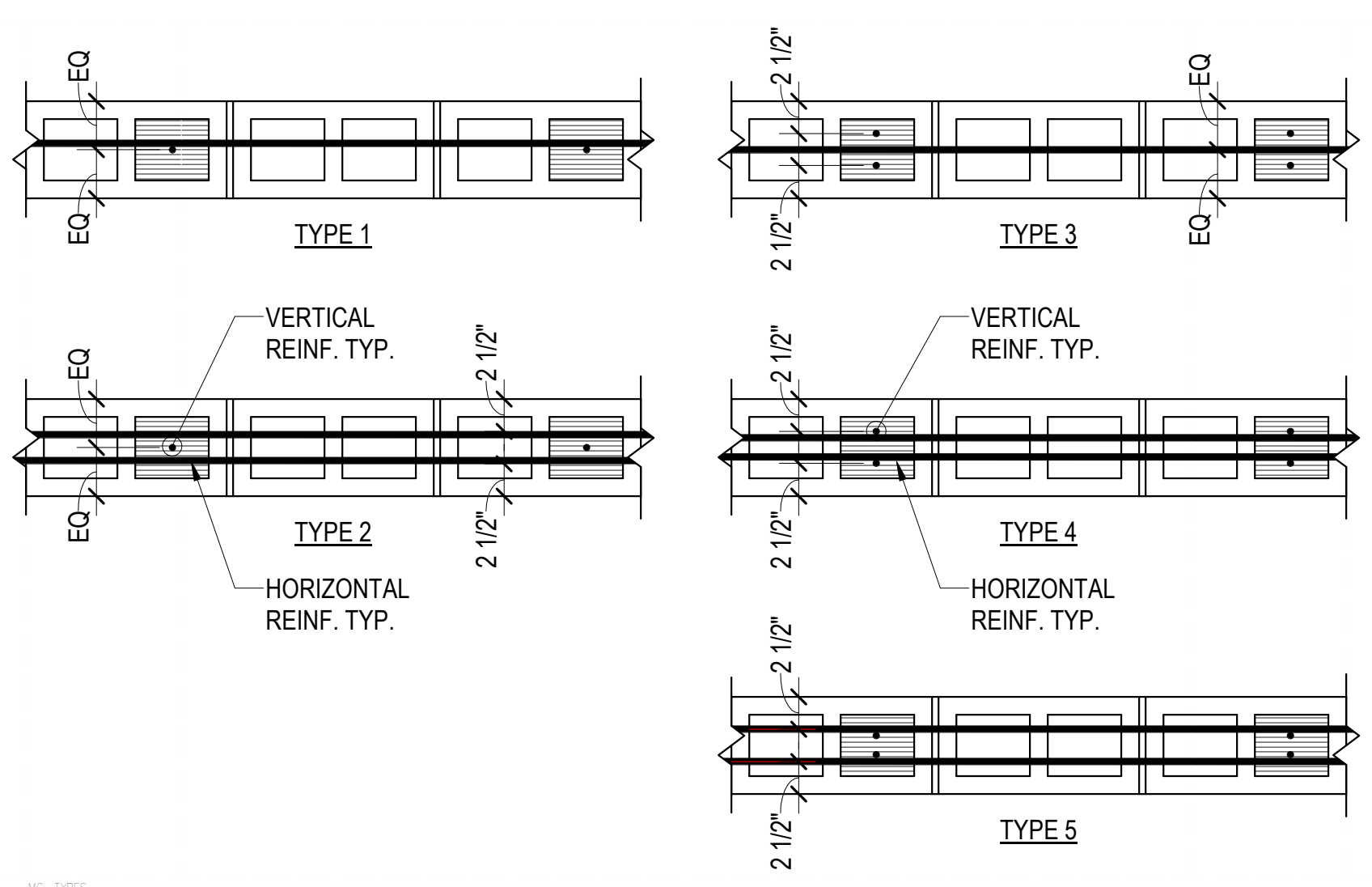
- SEE PLANS, DETAILS AND GENERAL STRUCTURAL NOTES FOR ADDITIONAL REINFORCING REQUIREMENTS.
- GROUT SOLID ALL CELLS BELOW GRADE, CELLS CONTAINING EMBEDS (HSA'S, DBA'S, ANCHOR BOLTS, ETC.), AND CELLS CONTAINING REINFORCING. CONSOLIDATE GROUT AS PER THE GENERAL STRUCTURAL NOTES.
- HORIZONTAL WALL REINFORCING SHALL CONTINUE THROUGH MASONRY LINTELS. WHERE BOTH HORIZONTAL WALL REINFORCING AND LINTEL REINFORCING OCCUR IN THE SAME COURSE, THE LARGER BARS ARE TO REPLACE THE SMALLER BARS.

BAR SIZE	MASONRY REINFORCING BAR LAP SPLICE SCHEDULE							
	f _m = 2000 psi				f _m = 2500 psi			
	6" CMU CLASS A	8" CMU CLASS A	10" CMU CLASS B	12" CMU CLASS B	6" BRICK CLASS A	8" BRICK CLASS A	8" BRICK CLASS B	
#3	12"	12"	12"	12"	12"	12"	12"	12"
#4	18"	13"	21"	12"	20"	12"	20"	16"
#5	28"	20"	35"	16"	32"	13"	32"	25"
#6	**	38"	54"	29"	54"	24"	54"	**
#7	-	52"	**	40"	**	33"	63"	-
#8	-	**	-	61"	**	50"	**	-
#9	-	-	-	79"	-	64"	-	-

NOTES:

- CLASS A SPLICES MAY BE USED WHEN ONLY ONE BAR IS CONTINUOUS IN THE MASONRY CELL OR COURSE.
- CLASS B SPLICES MAY BE USED WHEN TWO BARS ARE CONTINUOUS IN THE MASONRY CELL OR COURSE.
- ** INDICATES THAT A LAP SPLICE IS NOT ALLOWED AND MECHANICAL BAR COUPLERS ARE REQUIRED FOR THE BAR SPLICES. SPLICES SHALL BE OFFSET 2'-0" TO AVOID CONGESTION.
- WHERE VERTICAL BARS HAVE A REQUIRED LAP SPLICE GREATER THAN THE HEIGHT OF THE GROUT POUR, THE BAR SPLICE SHALL BE MADE WITH A MECHANICAL BAR COUPLER. WHERE THE HEIGHT OF THE GROUT POUR EXCEEDS 60 INCHES, HIGH LIFT GROUTING PROCEDURES SHALL BE FOLLOWED.
- WHERE MECHANICAL BAR COUPLERS ARE USED, THE CONNECTOR SHALL DEVELOP 125% OF THE SPECIFIED YIELD STRENGTH OF THE BAR IN TENSION AND COMPRESSION.

D1 TYPICAL MASONRY WALL END, CORNER AND INTERSECTION DETAILS
NO SCALE

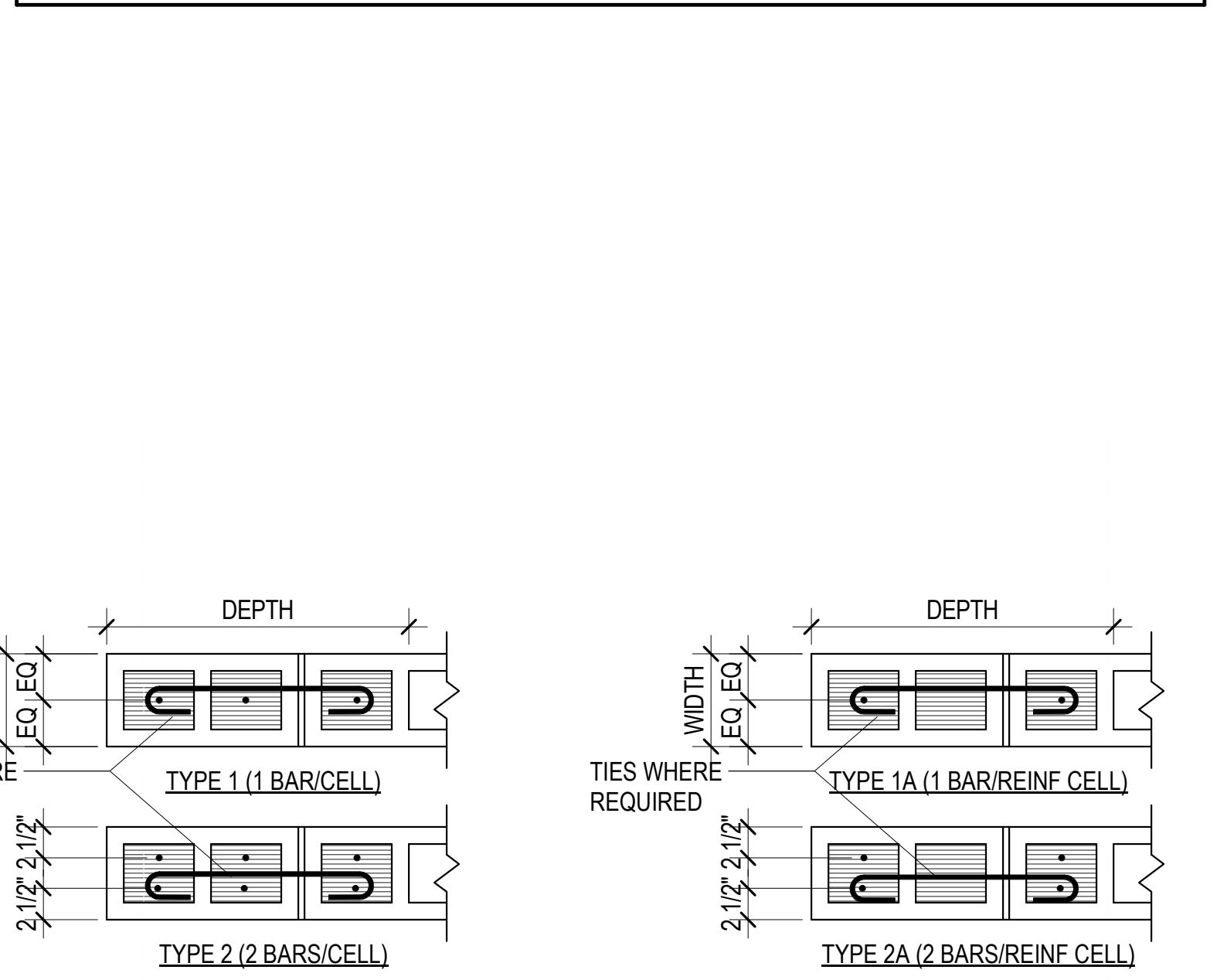


C3 TYPICAL MASONRY WALL TYPES - PLAN VIEW
NO SCALE

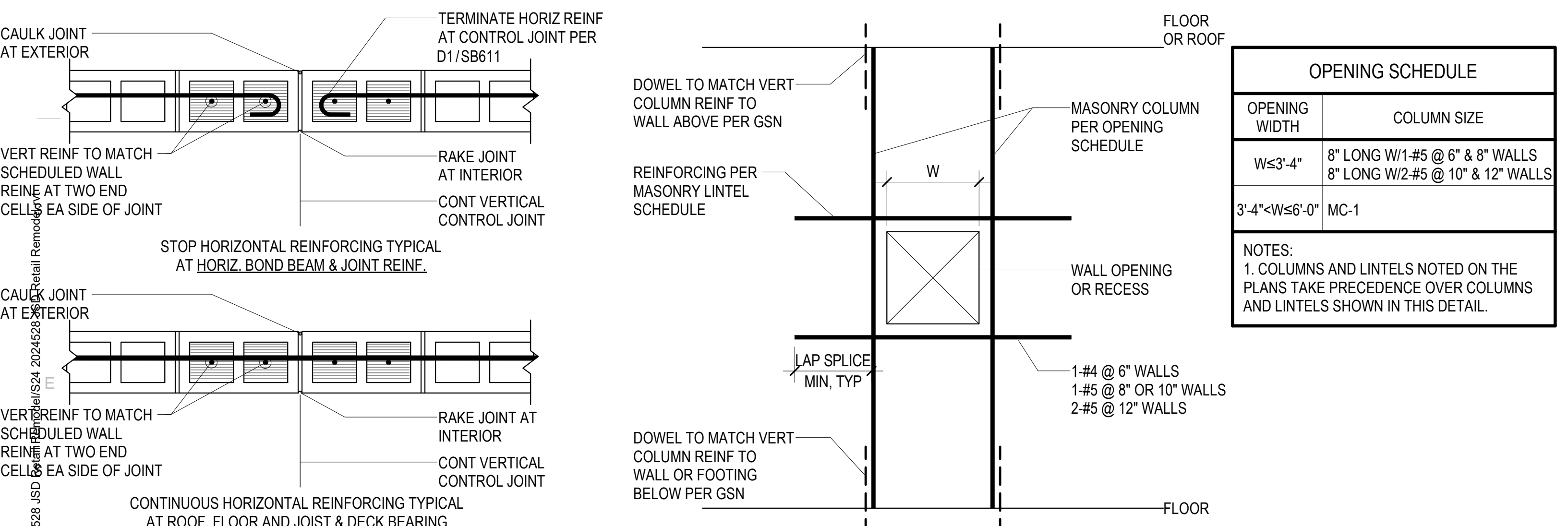
MARK	DIMENSIONS		REINFORCING			REMARKS
	WIDTH	DEPTH	VERTICAL	TIES	TYPE	
MC-1	8"	1'-4"	4-#5		TYPE 2	

NOTES

- HORIZONTAL WALL REINFORCING BARS SHALL BE CONTINUOUS THROUGH MASONRY COLUMNS. AT WALL ENDS OR OPENINGS TERMINATE HORIZONTAL WALL REINFORCING WITH A 90° OR 180° HOOK.
- FOR TYPE 2 & 2A COLUMNS, HORIZONTAL WALL REINFORCING SHALL BE LOCATED TO THE INSIDE OF VERTICAL COLUMN BARS.
- UNLESS NOTED OTHERWISE, VERTICAL COLUMN REINFORCING AND TIES SHALL EXTEND THE FULL STORY HEIGHT OF THE WALL.
- MASONRY COLUMN VERTICAL BARS OR DOWELS IN CONCRETE FOUNDATION WALLS SHALL HAVE TIES TO MATCH MASONRY COLUMN TIES.
- VERTICAL REINFORCING IN TYPE 1 & 2 COLUMNS SHALL BE DISTRIBUTED EQUALLY IN EACH CELL.
- PLACE VERTICAL COLUMN BARS IN EACH END CELL FOR TYPE 1A & 2A COLUMNS. REMAINING REINFORCING SHALL BE SPACED EQUALLY THROUGHOUT THE COLUMN WITH ONE BAR PER CELL FOR TYPE 1A AND TWO BARS PER CELL FOR TYPE 2A.
- ALL CELLS IN COLUMNS SHALL BE GROUTED SOLID.

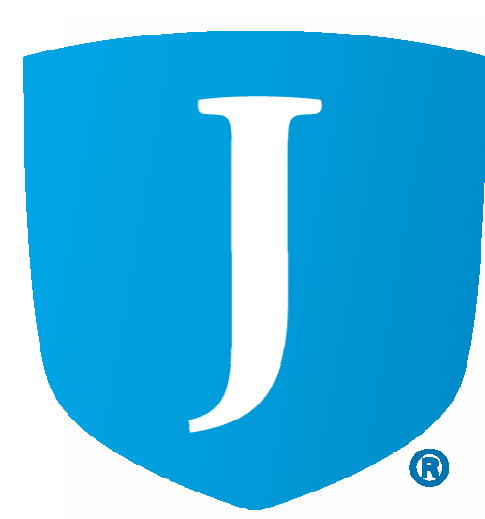


A3 TYPICAL MASONRY COLUMN TYPES - PLAN VIEW
NO SCALE



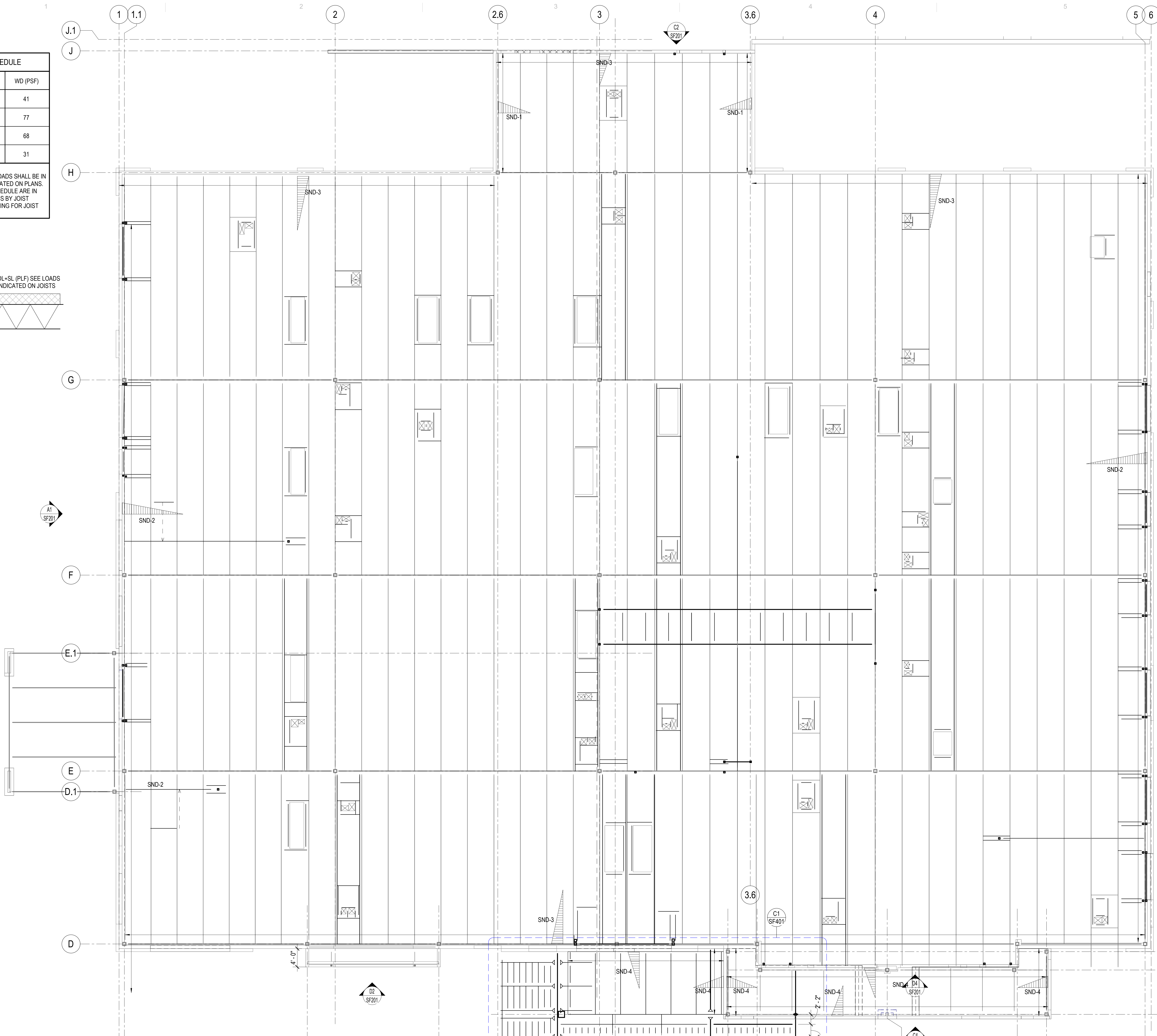
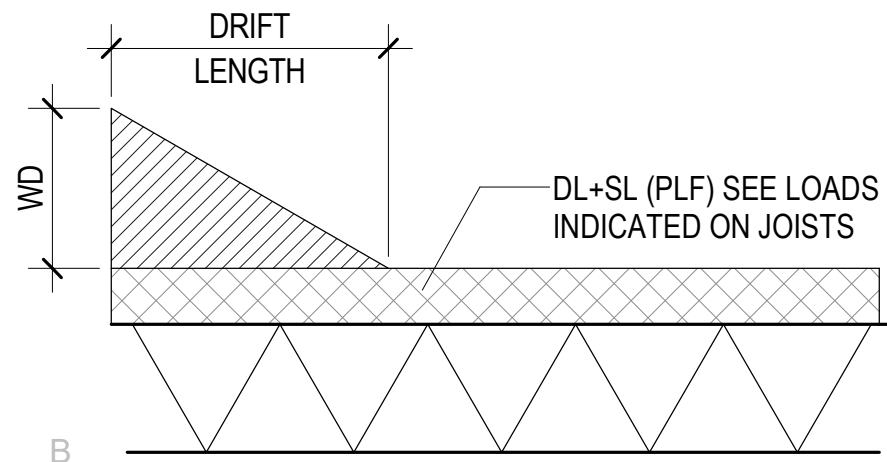
A2 TYPICAL CONTROL JOINTS IN MASONRY WALLS
NO SCALE

A2 TYPICAL REINFORCING AROUND MISCELLANEOUS OR RECESSED MASONRY OPENINGS
NO SCALE



SNOW DRIFT SCHEDULE		
MARK	DRIFT LENGTH	WD (PSF)
SND-1	7' - 0"	41
SND-2	13' - 3"	77
SND-3	11' - 9"	68
SND-4	6' - 7"	31

NOTES:
 1. FOR OWSJ DESIGN DRIFT LOADS SHALL BE IN ADDITION TO ALL LOADS INDICATED ON PLANS.
 2. SNOW DRIFT VALUES IN SCHEDULE ARE IN UNITS OF PSF. MULTIPLY LOADS BY JOIST SPACING TO OBTAIN PLF LOADING FOR JOIST DESIGN.



1 Roof - Overall Plan
 SF101 SCALE: 1/8" = 1'-0"

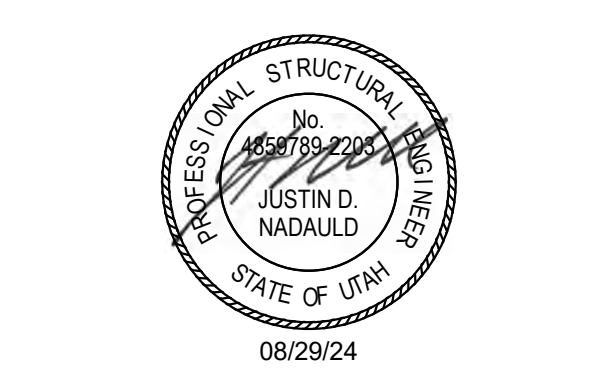
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MHTN PROJECT NO. 2024528

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REVISIONS:
 CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT
 LAST REVISION DATE.

NO.	DATE	DESCRIPTION

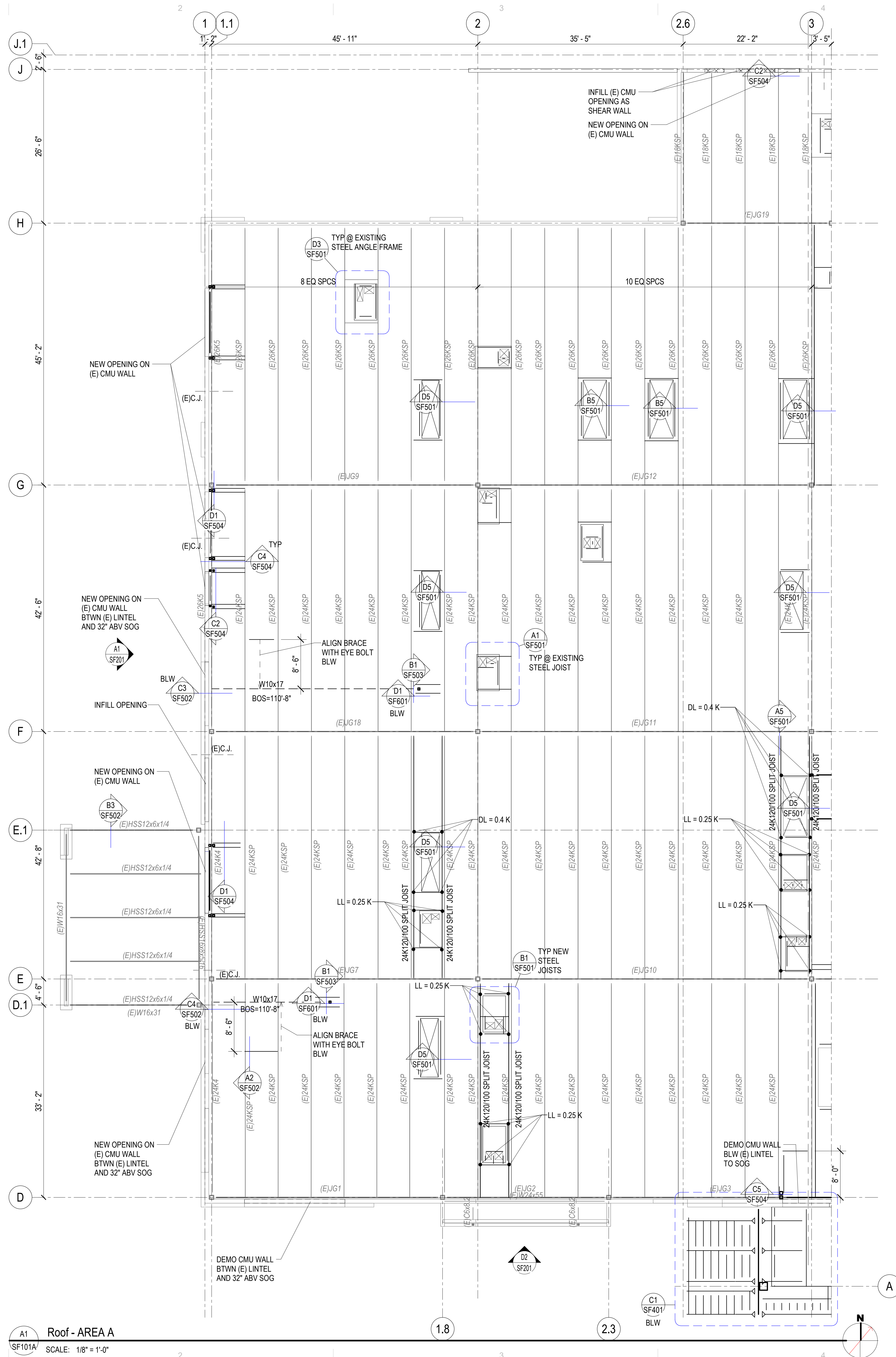
ISSUE:
 CONSTRUCTION DOCUMENTS 100%
 08/29/24

SHEET NAME:
OVERALL ROOF PLAN

SHEET NUMBER:
SF101

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8/27/2024 7:12:54 PM



A1 Roof - AREA A
SF101A SCALE: 1/8" = 1'-0"

- ROOF FRAMING PLAN NOTES**

 1. SEE ARCHITECTURAL FOR ROOF SLOPES AND DRAINS.
- EXISTING BUILDING NOTES**

 1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO DETAILING. FABRICATING, ERECTING OR INSTALLING ANY STRUCTURAL ELEMENT. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM IN A TIMELY MANNER SUCH THAT WORK WILL NOT BE DELAYED.
 2. THE CONTRACTOR SHALL PROVIDE ADEQUATE SHORING OF EXISTING STRUCTURE DURING CONSTRUCTION.
 3. INFILL ROOF DECK OPENINGS. SEE TYP DETAIL B3/SF503.
- NON-COMPOSITE FRAMING PLAN NOTES**

 1. SEE STEEL DECK SCHEDULE ON SHEET SF602 FOR DECK PROFILE AND DECK ATTACHMENT REQUIREMENTS.
 2. FOR ROUND OPENINGS LESS THAN 12 INCHES IN DIAMETER SEE DETAIL D2/SF501
 3. VERIFY SIZE, WEIGHT, LOCATION AND CONFIGURATION OF ALL ROOF TOP EQUIPMENT WITH ARCHITECT AND MECHANICAL ENGINEER. PROVIDE STEEL FRAMES FOR SUPPORT OF ROOF TOP EQUIPMENT PER DETAIL. D3/SF501 AT EXISTING STEEL ANGLE FRAMES. B1/SF501 AT NEW JOISTS, AND A1/SF501 AT EXISTING JOISTS. COORDINATE OPENINGS WITH MECHANICAL & ELECTRICAL.
- OPEN WEB JOIST FRAMING PLAN NOTES**

 1. OPEN WEB STEEL JOISTS AND JOIST GIRDERS SHALL BE DESIGNED BY THE MANUFACTURER TO SUPPORT THE MECHANICAL AND LATERAL LOADS SHOWN ON THE ROOF FRAMING PLANS IN ADDITION TO THE UNIFORM AND POINT LOADS SHOWN. LOADS SHOWN ARE ASD UNO
 2. +/-###K - INDICATES POINT LOAD ON STEEL JOIST IN ADDITION TO UNIFORM LOADING SHOWN. + INDICATES DOWNWARD AND - INDICATES UPWARD LOADS. LOADS SHOWN ARE UNFACTORED, UNO.
 3. T/C XXX INDICATES ADDITIONAL TOP CHORD AXIAL FORCE ON STEEL JOIST OR GIRDER. THIS FORCE IS A FACTORED SEISMIC LOAD THAT SHALL BE CONSIDERED IN BOTH TENSION AND COMPRESSION AND INCLUDES APPLICABLE OVERSTRENGTH FACTORS PER THE GOVERNING BUILDING CODE. STEEL JOISTS AND GIRDERS WITH T/C FORCE SHALL BE DESIGNED AS COLLECTOR ELEMENTS.
 4. ALL LOADS SUPPORTED BY OPEN WEB STEEL JOISTS AND GIRDERS SHALL BE LOCATED WITHIN 6" OF JOIST OR GIRDER PANEL POINT OR THE JOIST OR GIRDER SHALL BE REINFORCED PER DETAIL B4/SF501.
 5. HORIZONTAL CROSS BRIDGING SHALL BE SIZED AND SUPPLIED BY THE JOIST MANUFACTURER. CONNECT TO WALLS AS INDICATED ON DETAILS
 6. WHERE SKYLIGHTS OR MECHANICAL UNITS INTERRUPT HORIZONTAL BRIDGING, PROVIDE CROSS BRIDGING AT JOIST SPACES ON EACH SIDE, TYP.
 7. ALL OPEN WEB STEEL JOISTS WITH A SLOPE OF 3/8" PER FOOT OR LARGER SHALL HAVE SLOPED BEARING SEATS.
 8. OPEN WEB STEEL JOISTS AT ROOF AREAS SHALL BE DESIGNED FOR THE FOLLOWING WIND ASD NET UPLIFT LOADS: 19 PSF WITHIN 11.4 FT OF ROOF EDGES, 11 PSF AT ALL OTHER AREAS.
 9. PROVIDE SPLICE CONNECTION NEAR MIDSPAN OF NEW JOISTS FOR INSTALLATION.

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PROFESSIONAL ENGINEER

JUSTIN D. MADRALL

STATE OF UTAH

08/29/24

MHTN PROJECT NO. 2024528

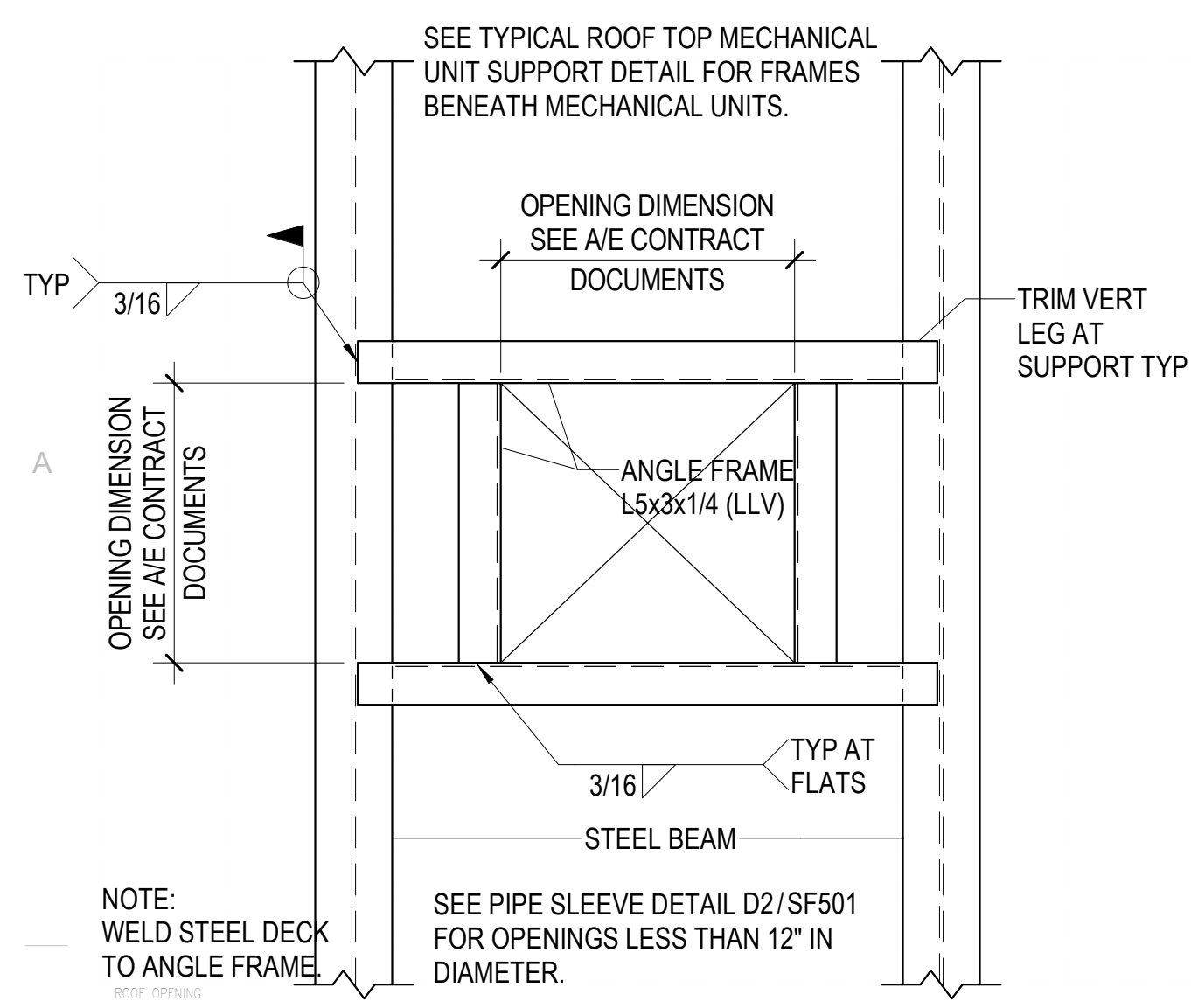
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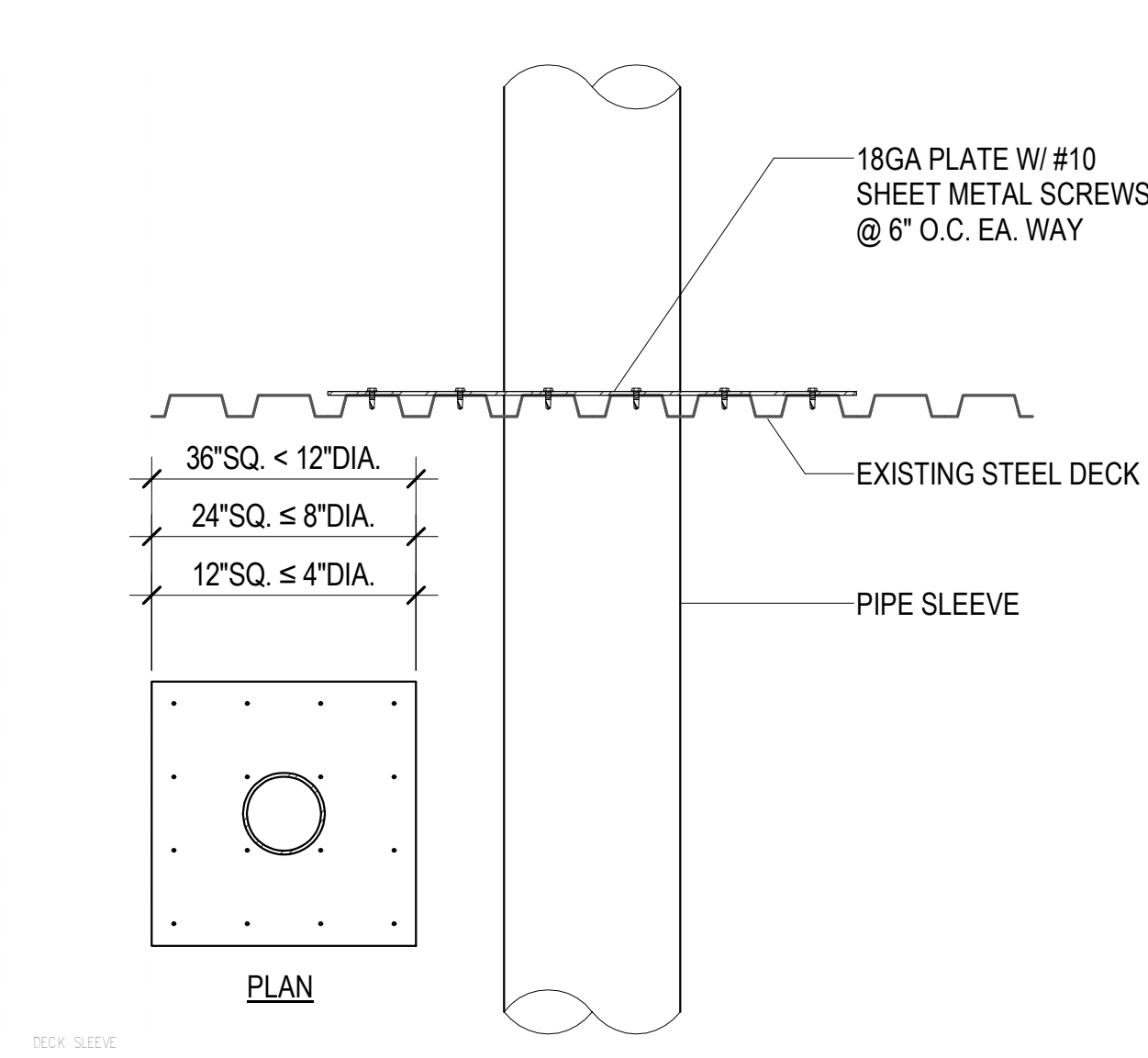
ISSUE
CONSTRUCTION DOCUMENTS 100%
08/29/24

SHEET NAME
ROOF FRAMING PLAN- AREA A

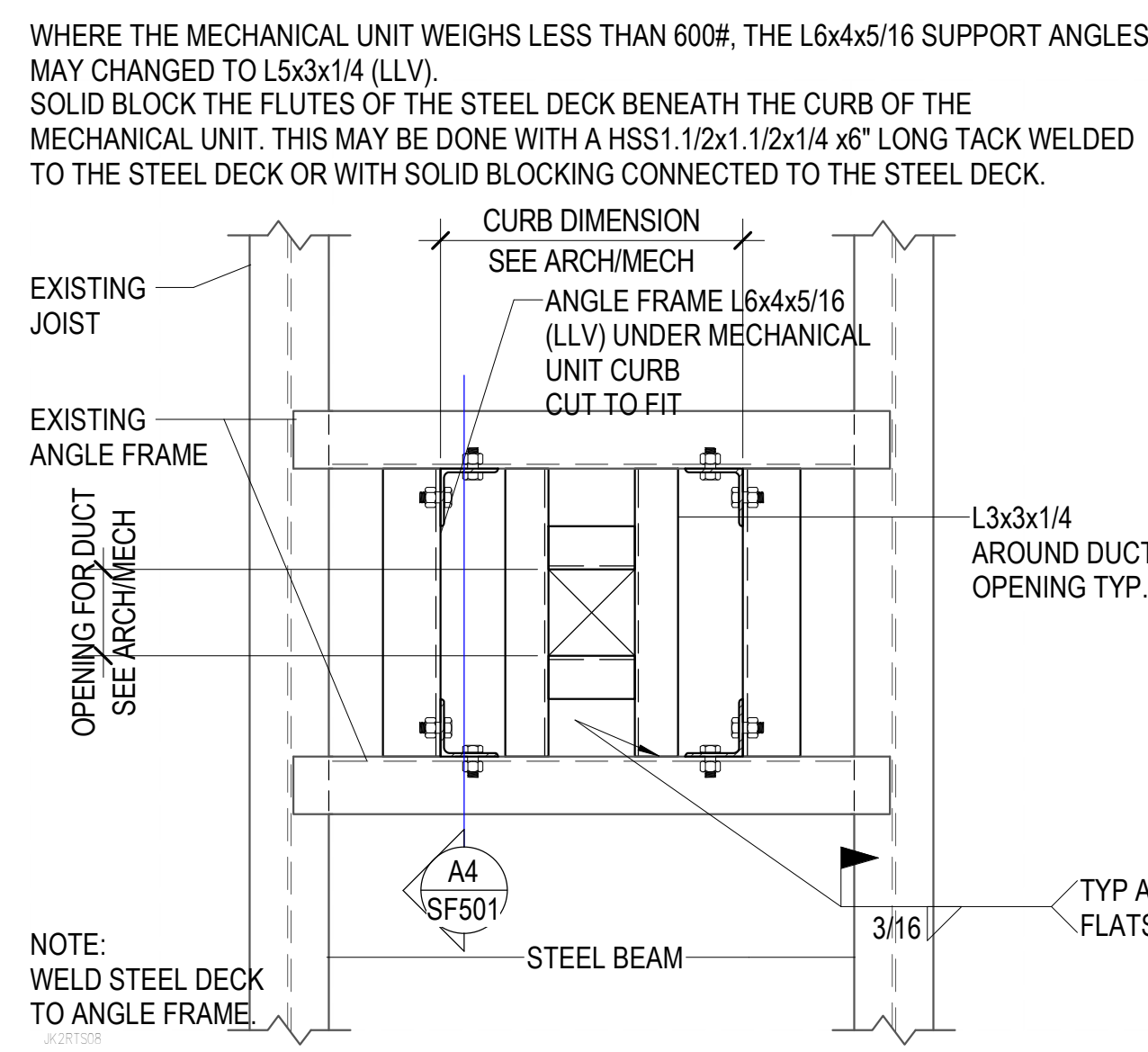
SHEET NUMBER
SF101A



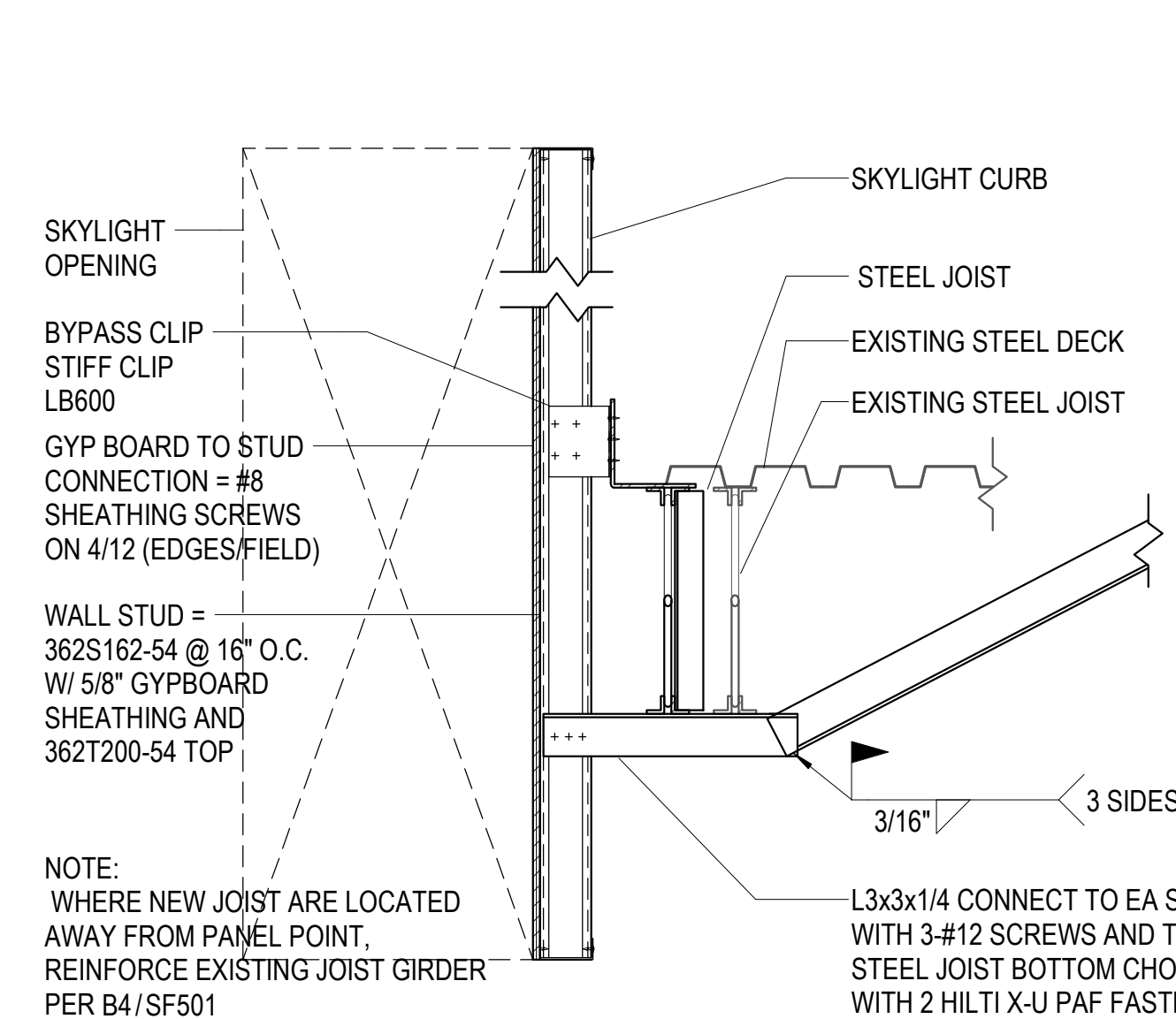
D1 TYPICAL ROOF OPENING DETAIL (PLAN VIEW)
SF501 NO SCALE



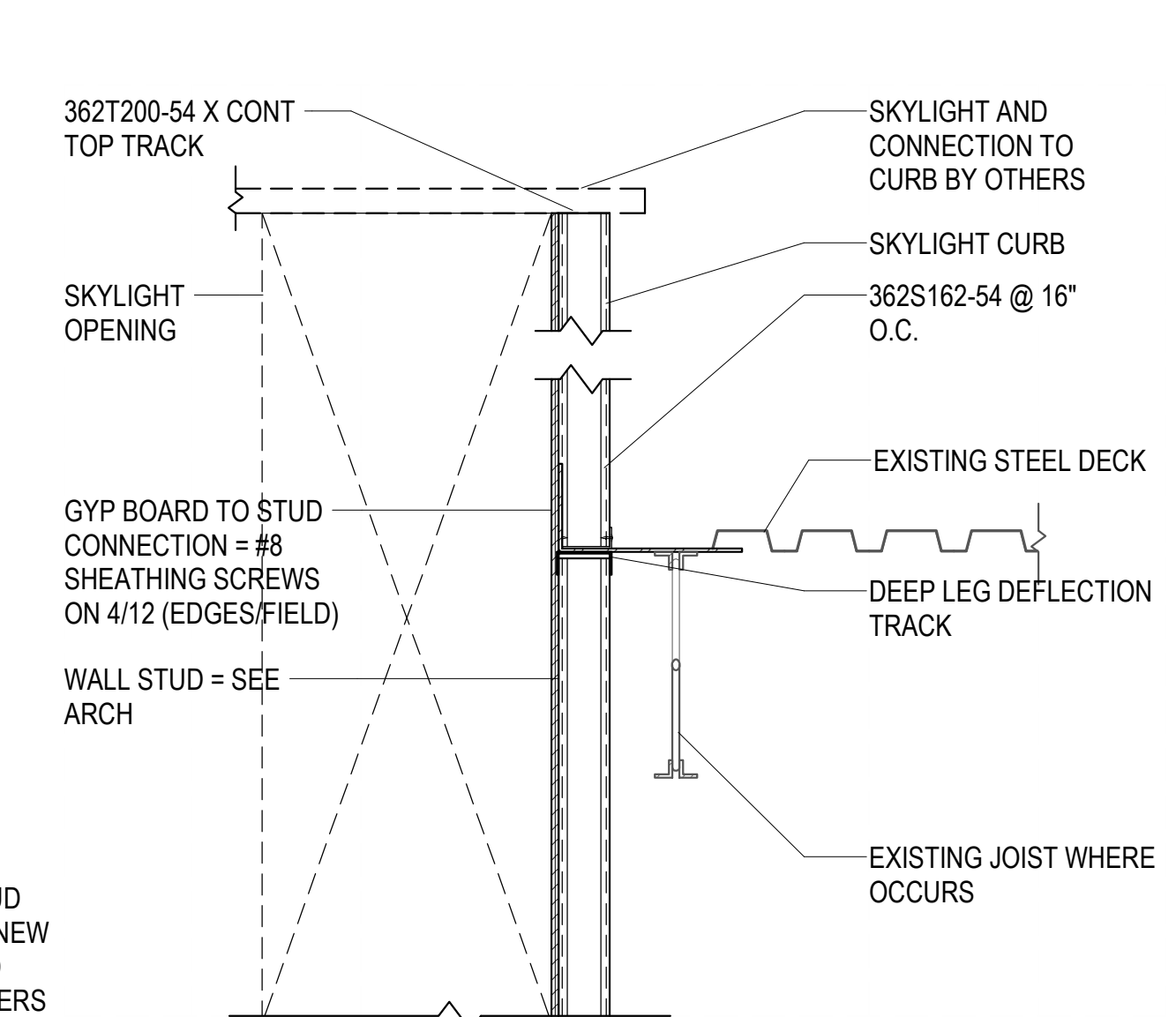
D2 TYPICAL PIPE SLEEVE HOLE THRU ROOF DECK
SF501 NO SCALE



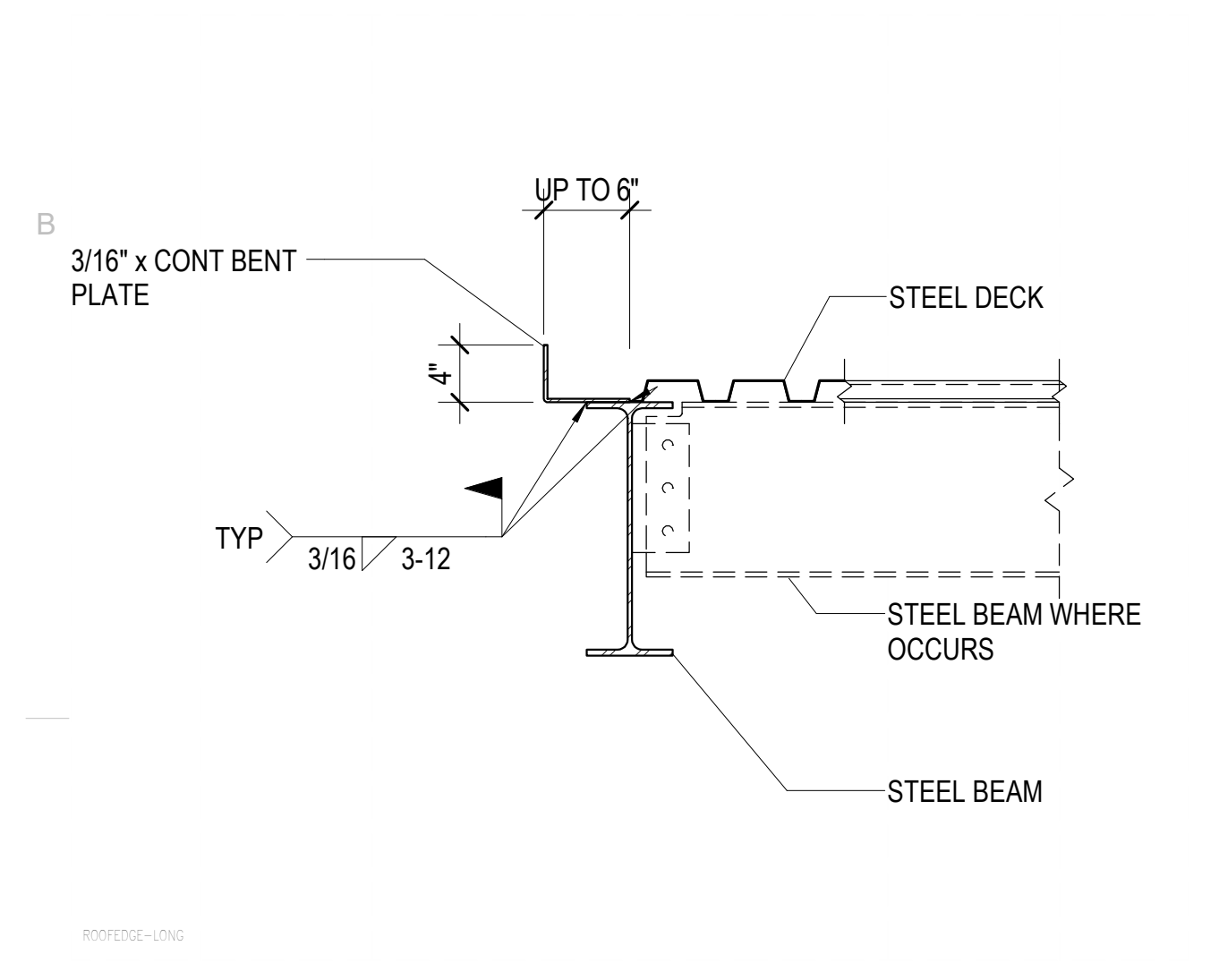
D3 TYPICAL ROOF TOP MECHANICAL UNIT SUPPORT AT EXISTING UNIT SUPPORT FRAME
SF501 NO SCALE



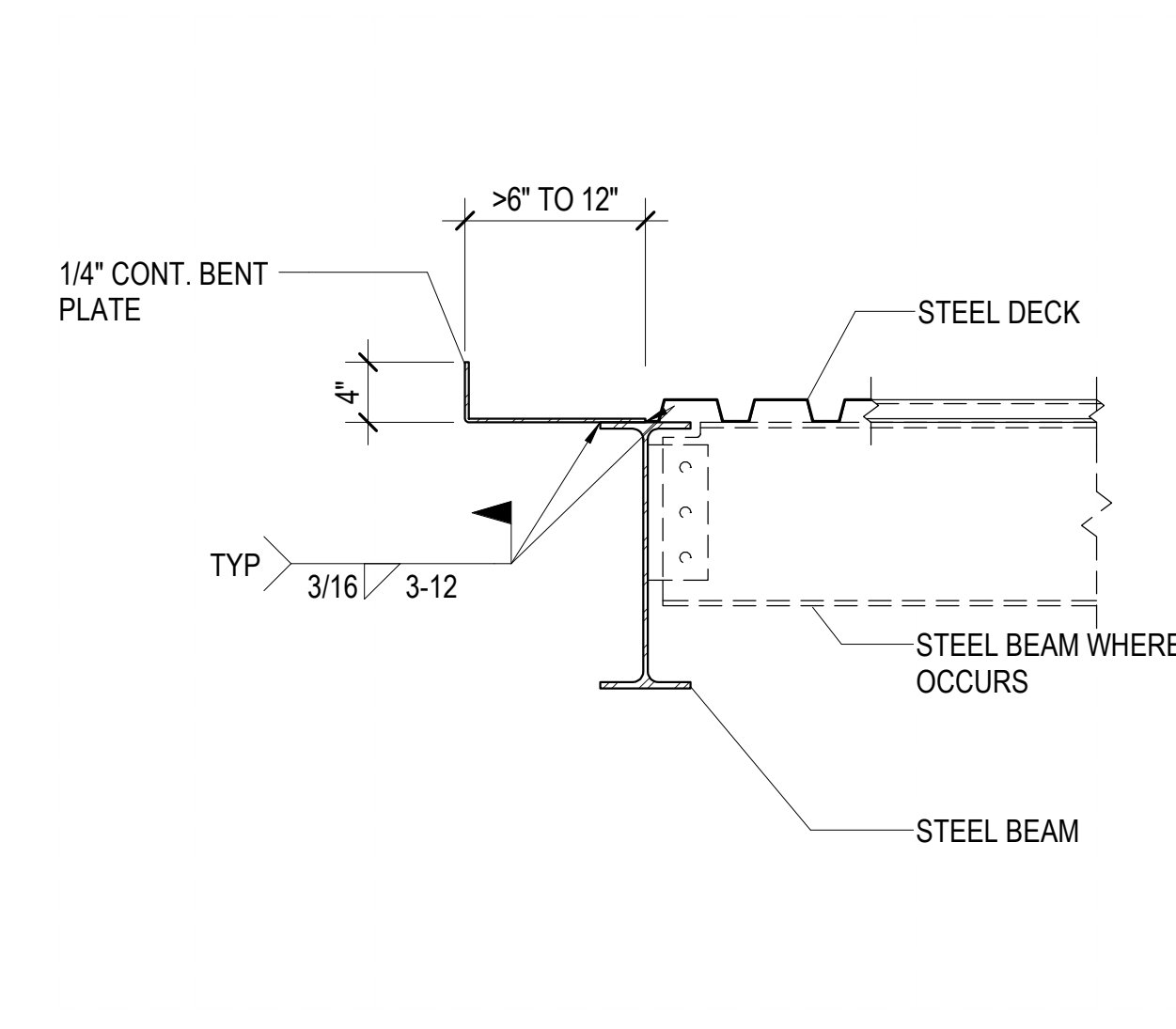
D4 SKYLIGHT SUPPORTED AT SISTERED JOIST
SF501 NO SCALE



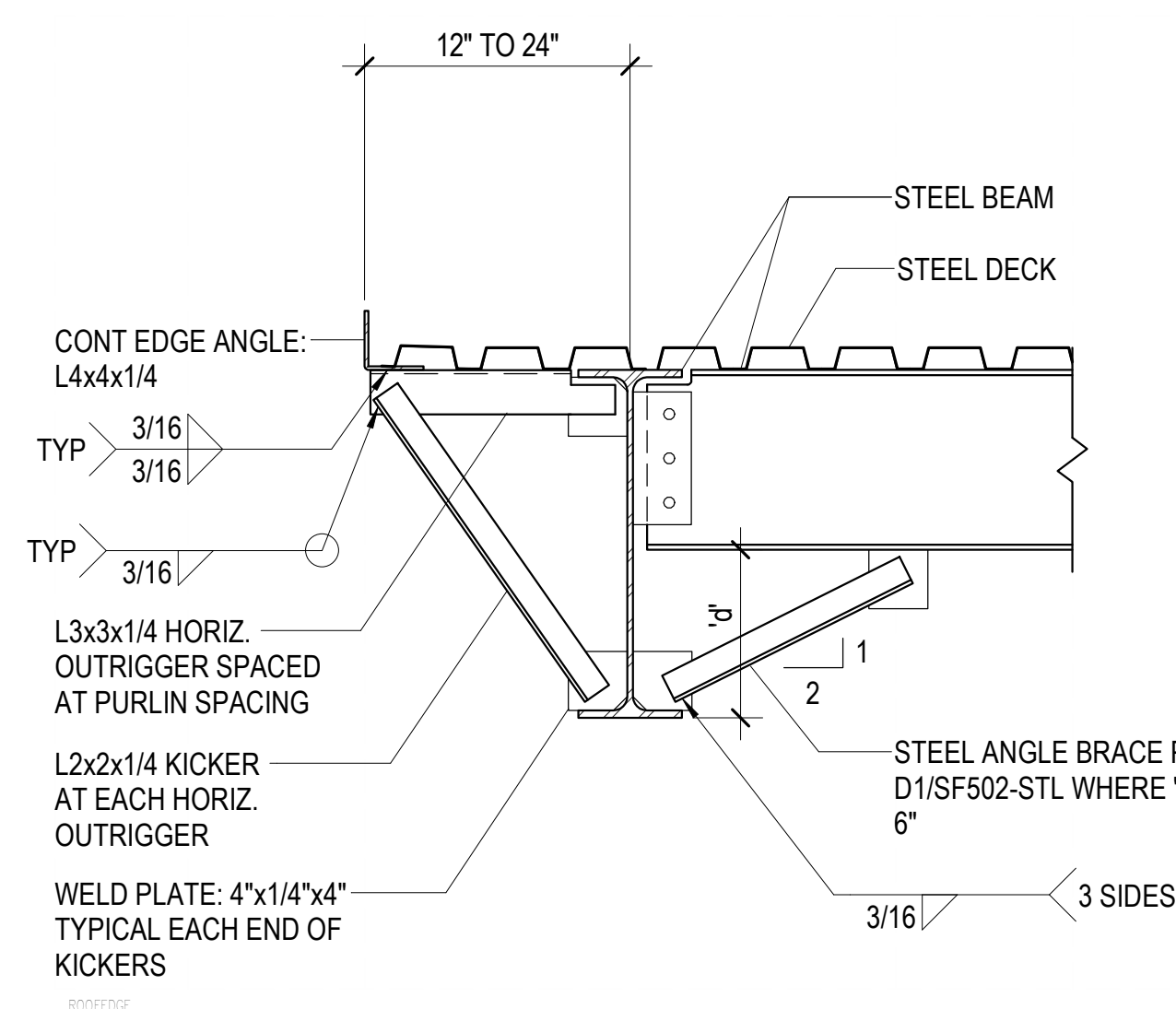
D5 SKYLIGHT SUPPORTED BY STUD WALL BELOW
SF501 NO SCALE



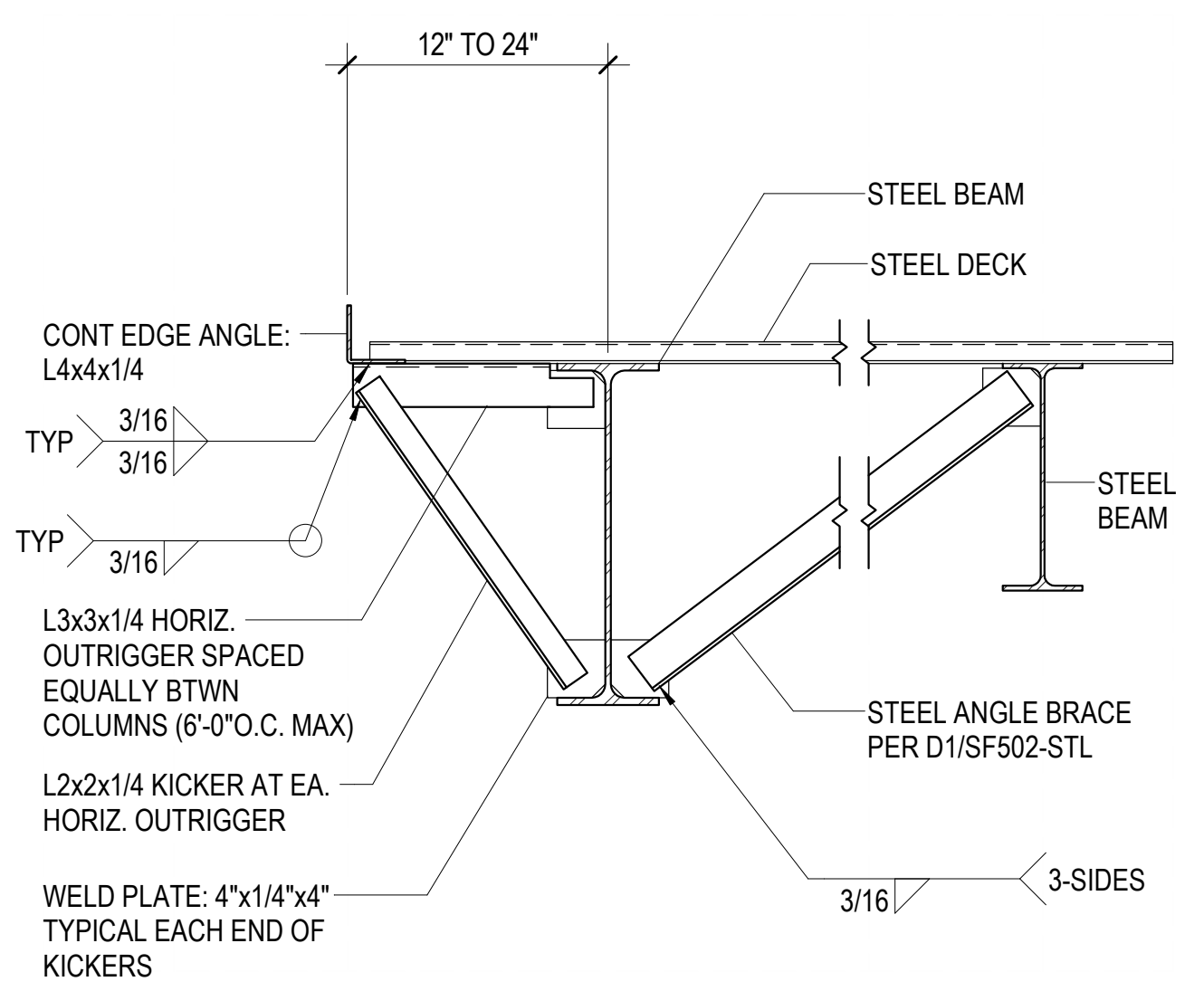
C1 TYPICAL ROOF EDGE DETAILS AT STEEL BEAMS
SF501 NO SCALE



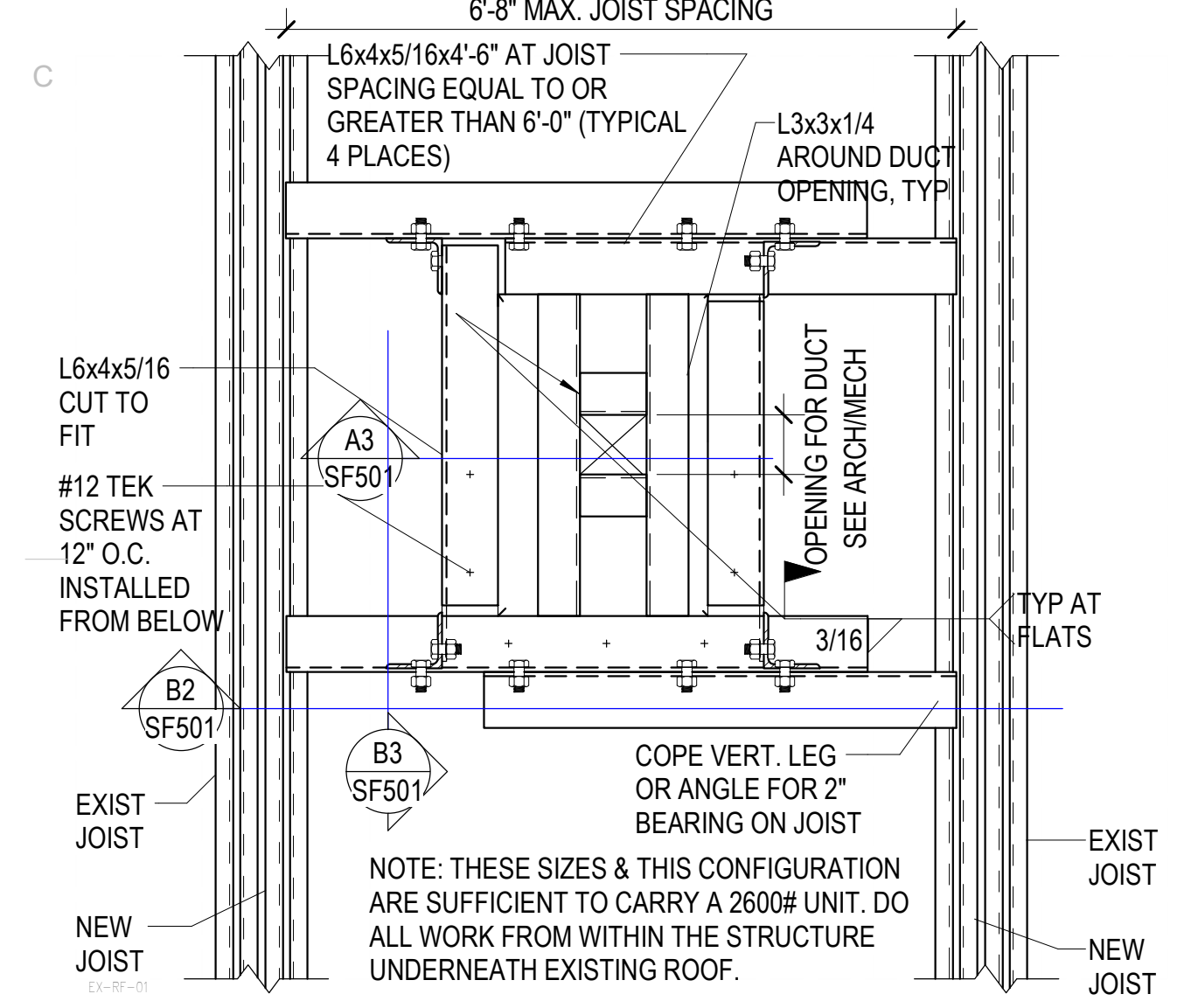
C2 TYPICAL ROOF EDGE DETAILS AT STEEL BEAMS
SF501 NO SCALE



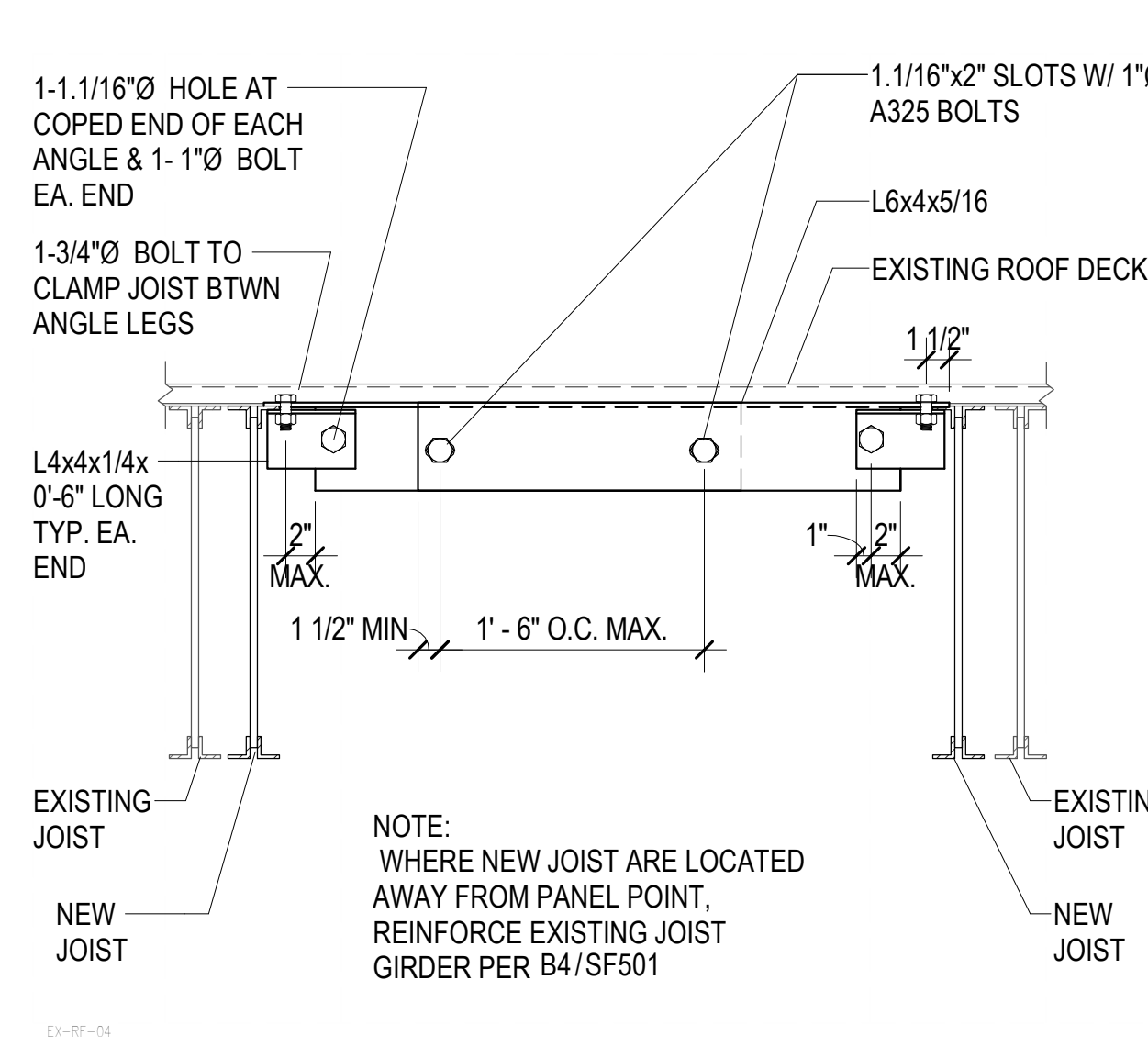
C3 TYPICAL ROOF EDGE DETAILS AT STEEL BEAMS
SF501 NO SCALE



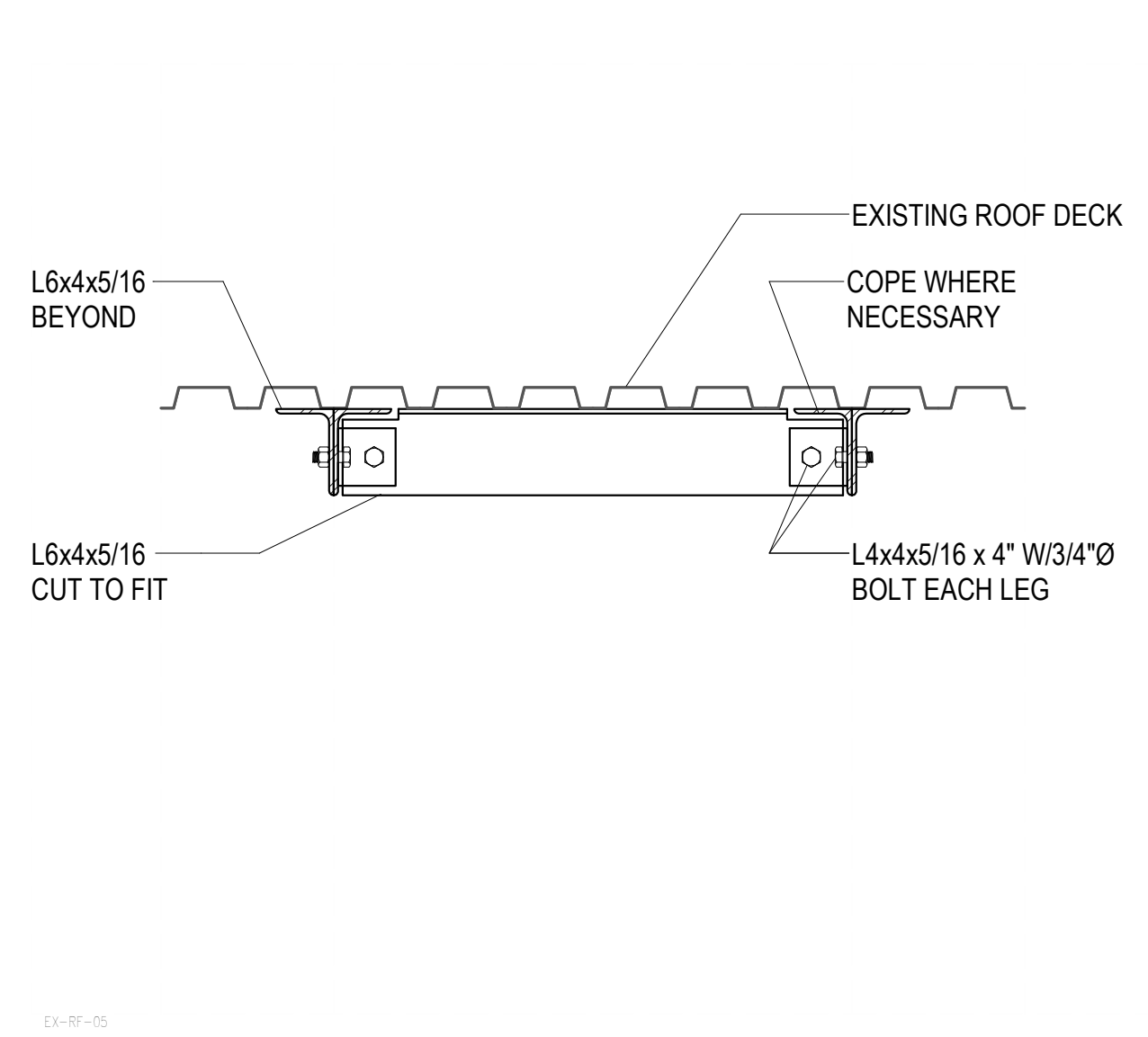
C4 TYPICAL ROOF EDGE DETAILS AT STEEL BEAMS
SF501 NO SCALE



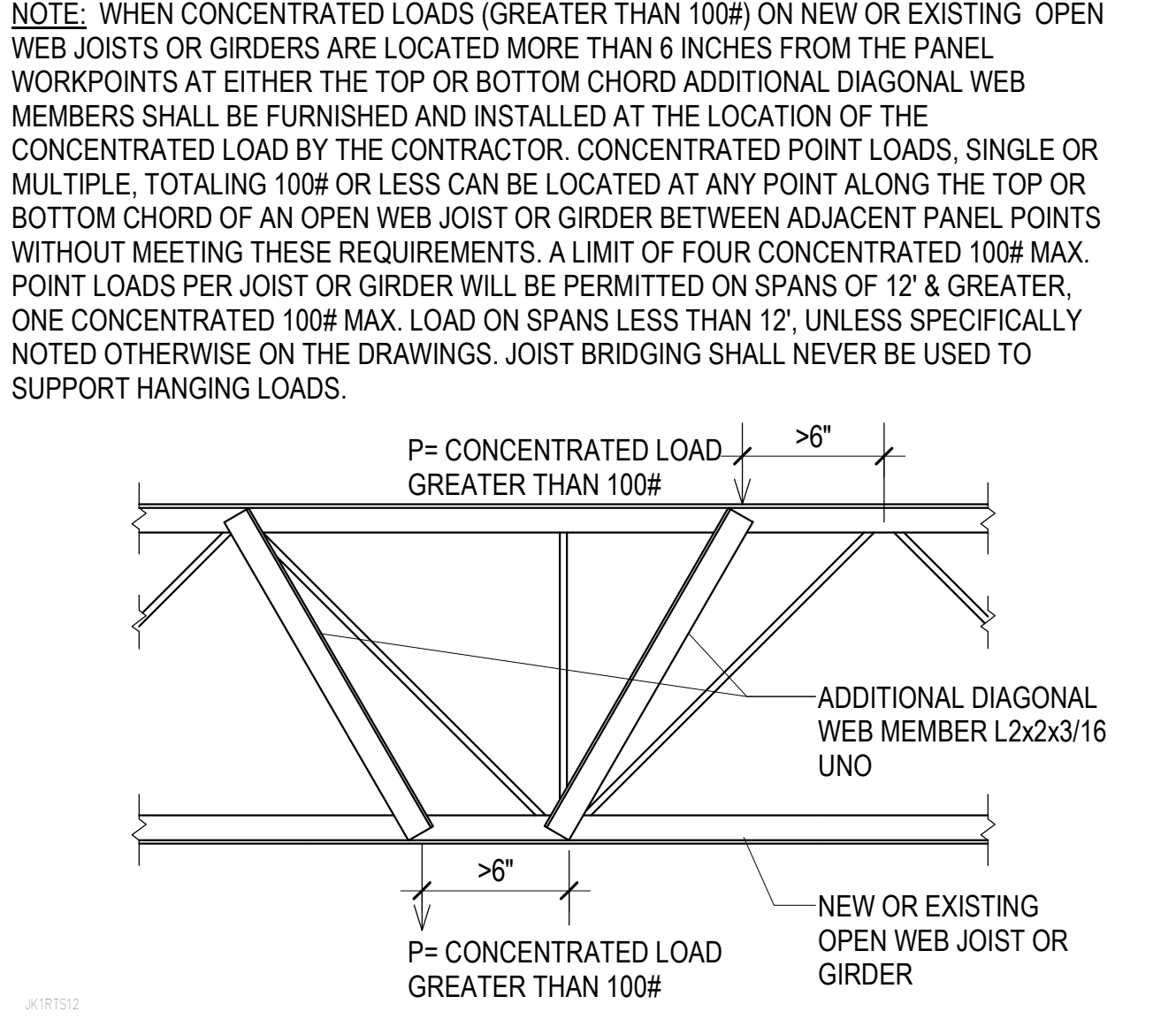
B1 PLAN VIEW - NEW STEEL FRAME FOR RTU AT SISTERED JOIST
SF501 NO SCALE



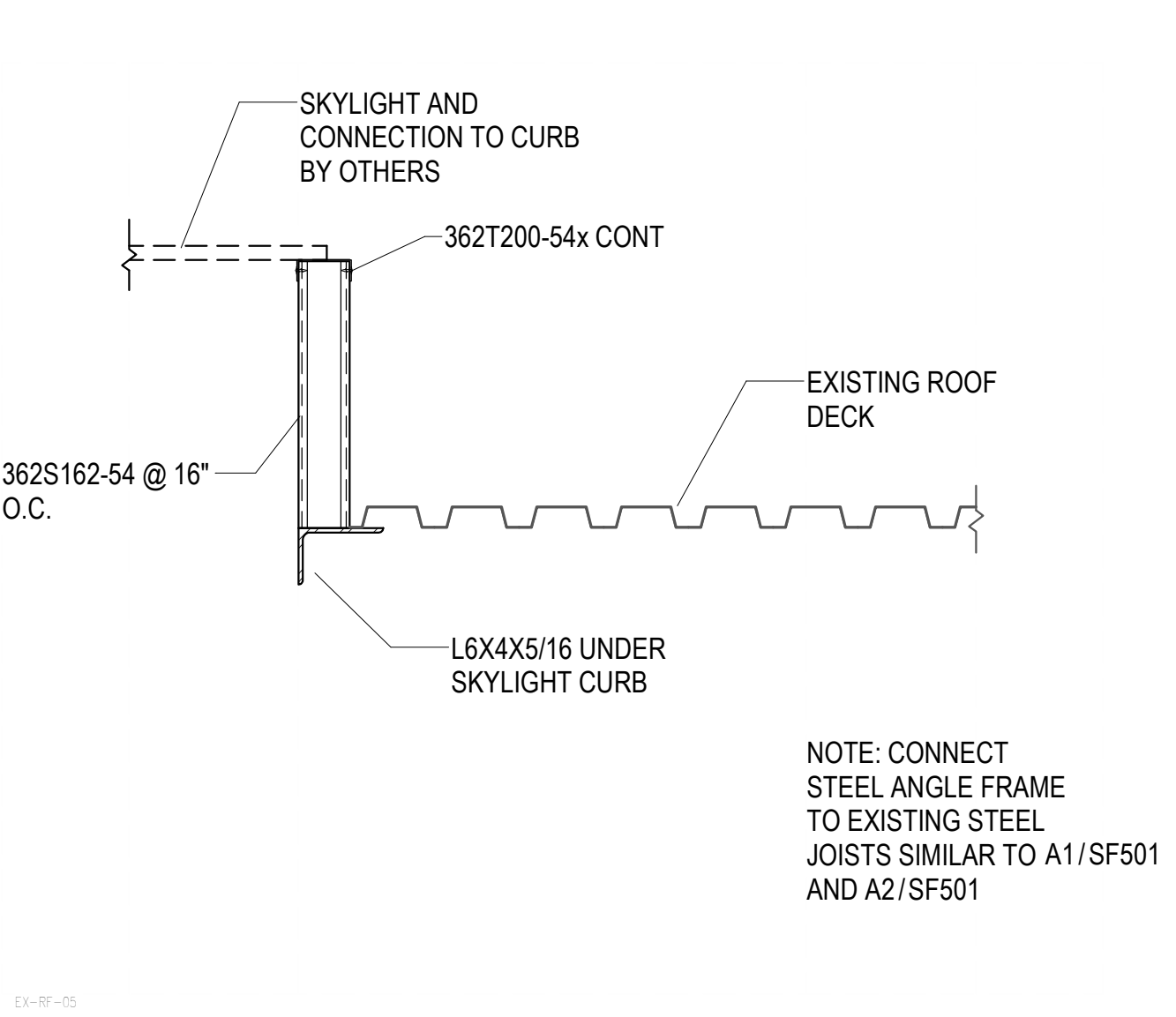
B2 NEW FRAMING AT NEW STEEL JOIST
SF501 NO SCALE



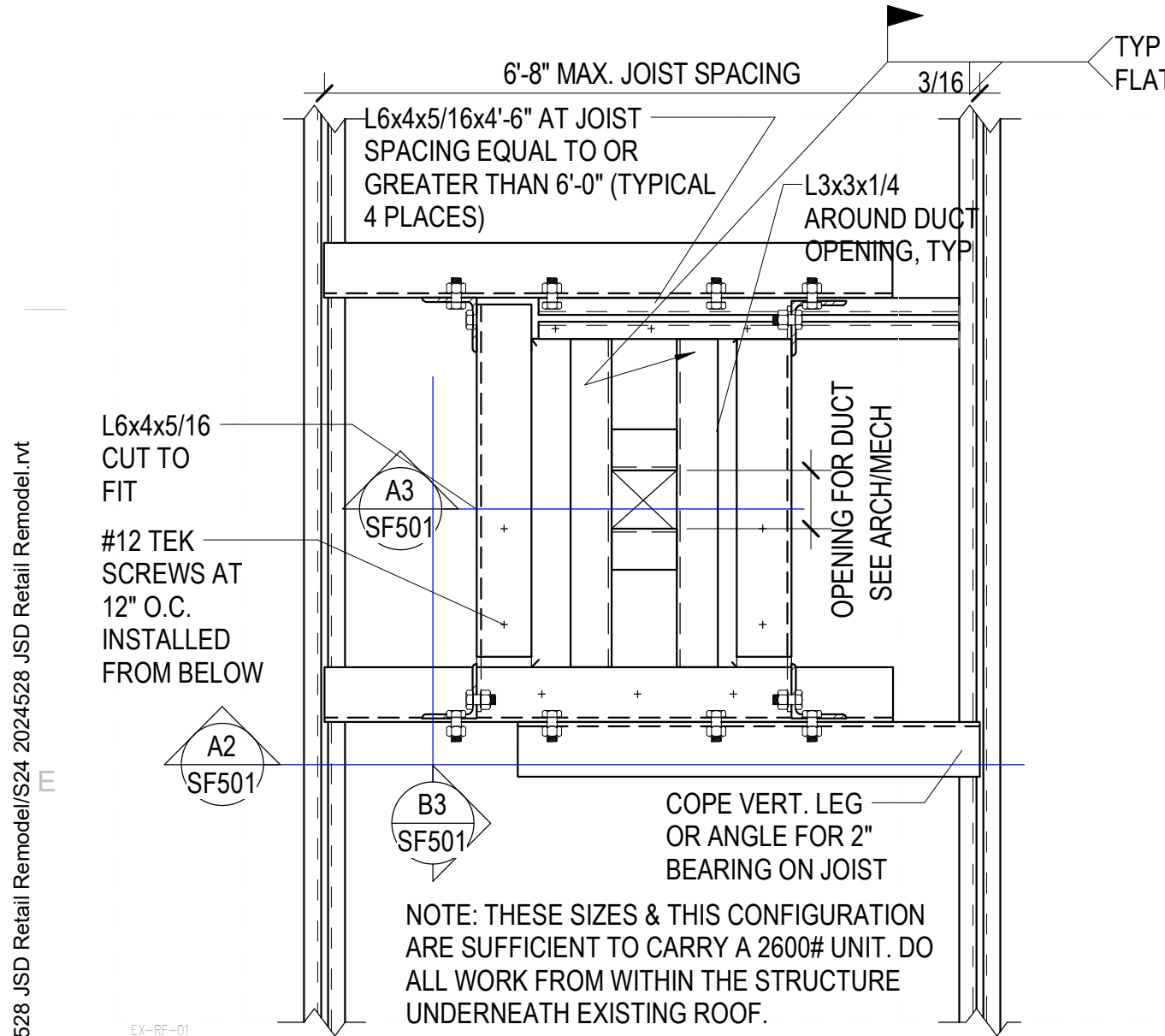
B3 NEW FRAMING AT EXISTING STEEL JOISTS
SF501 NO SCALE



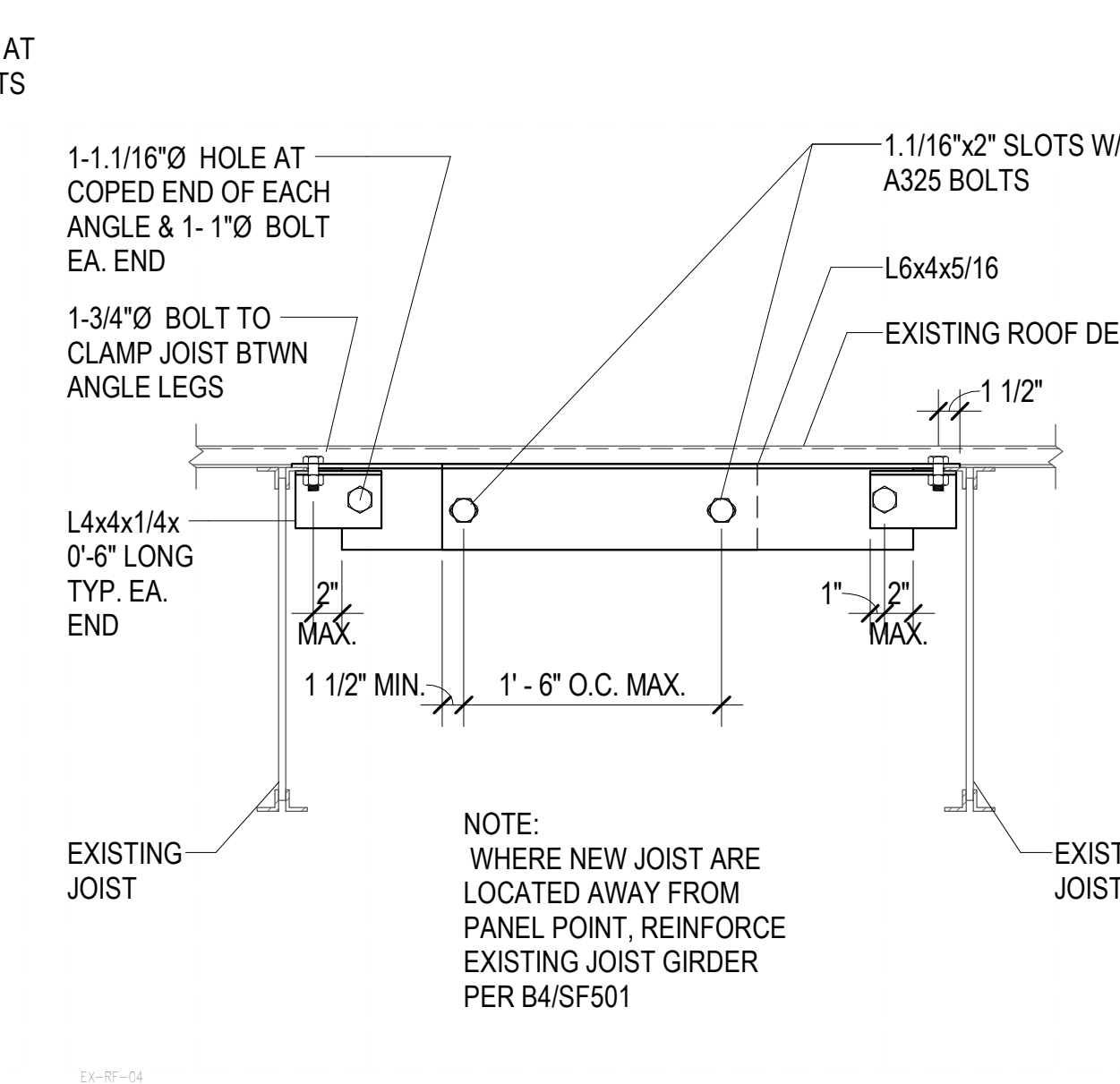
B4 TYPICAL DETAIL AT ADDITIONAL CONCENTRATED POINT LOAD
SF501 NO SCALE



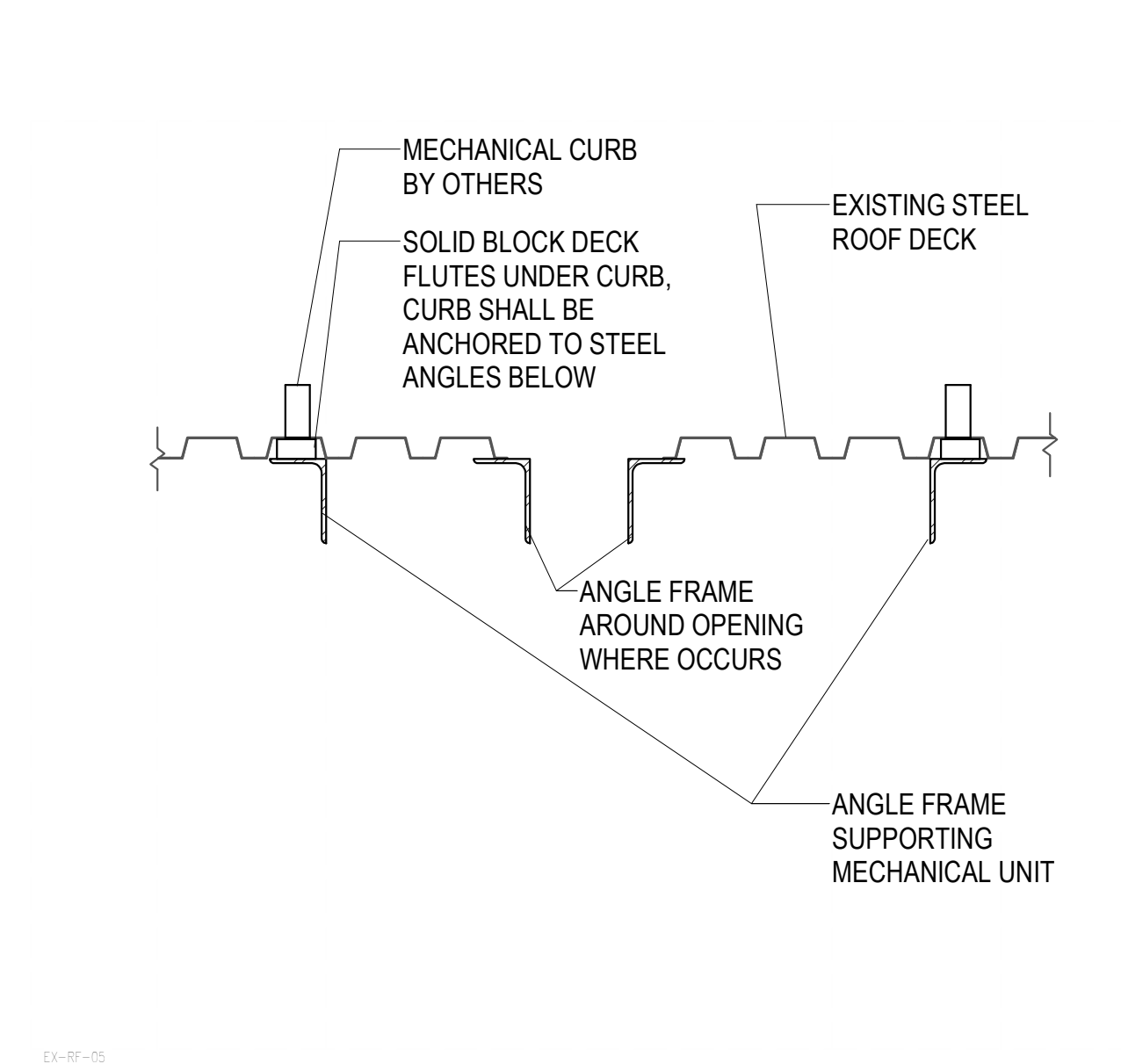
B5 SUPPORT FOR SKYLIGHT OPEN TO STRUCTURE
SF501 NO SCALE



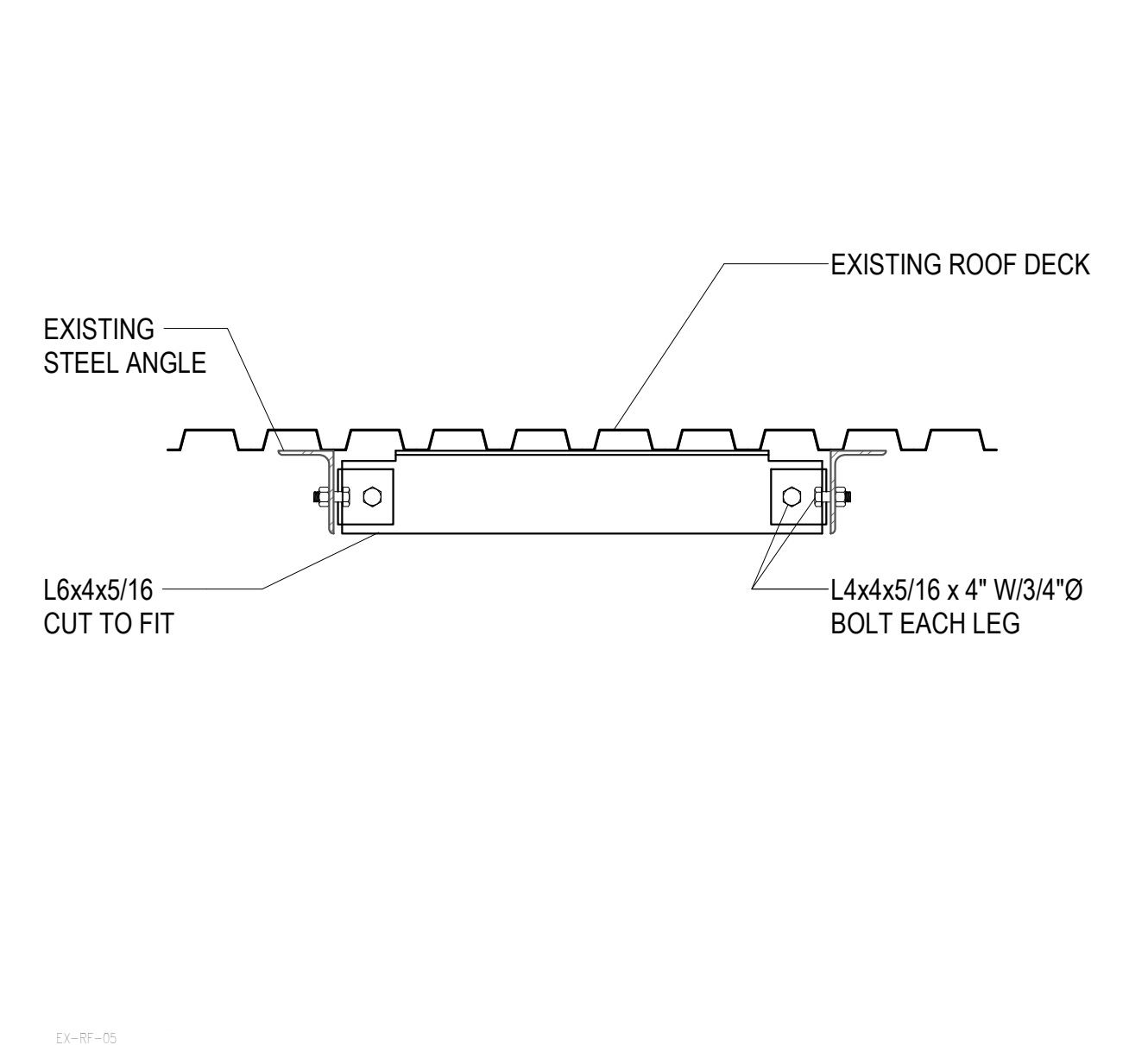
A1 PLAN VIEW - NEW STEEL FRAME FOR RTU AT EXISTING JOIST
SF501 NO SCALE



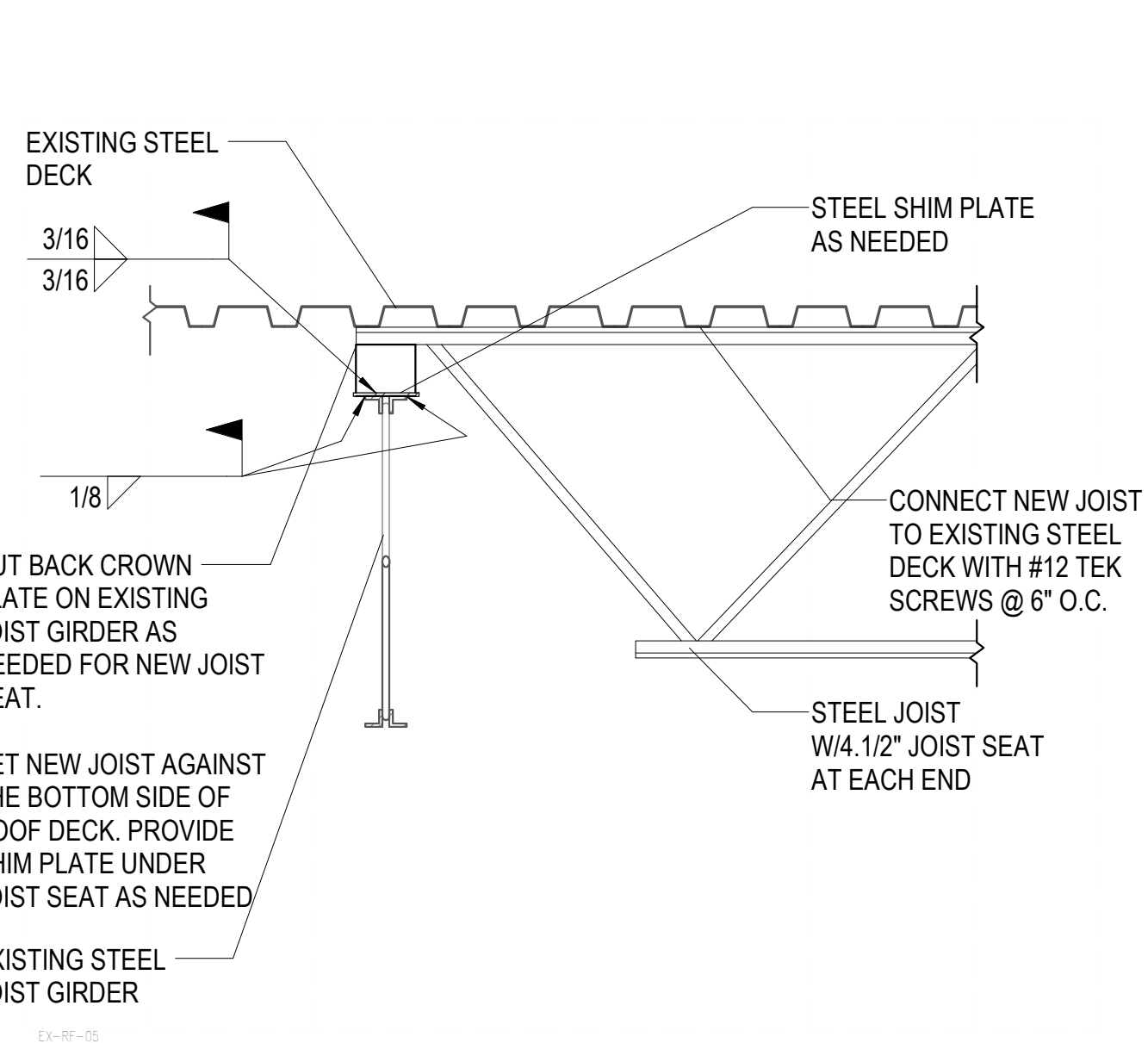
A2 NEW FRAMING AT EXISTING STEEL JOISTS
SF501 NO SCALE



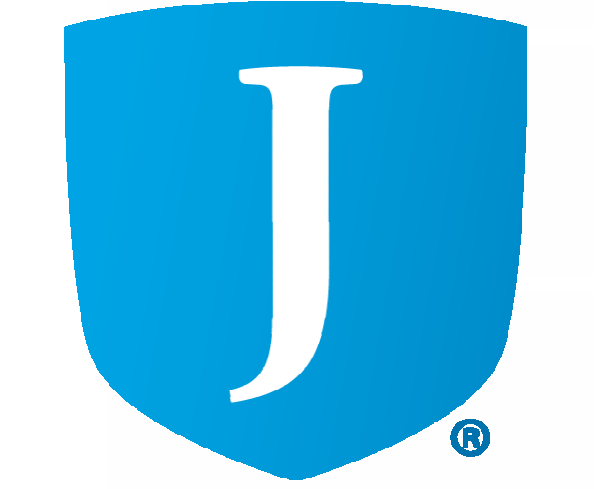
A3 STEEL ANGLE FRAME UNDER RTU CURB
SF501 NO SCALE



A4 NEW RTU SUPPORT ANGLE FRAME AT EXISTING ANGLE FRAME
SF501 NO SCALE



A5 NEW JOIST TO EXISTING JOIST GIRDER
SF501 NO SCALE



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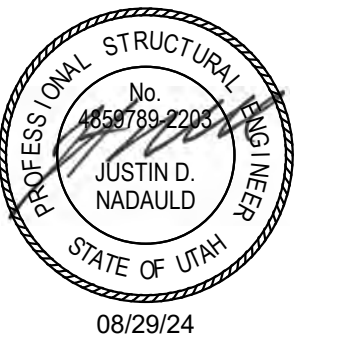
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REVISIONS:
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SHEET NAME:
TYPICAL ROOF FRAMING DETAILS
SHEET NUMBER:
SF501

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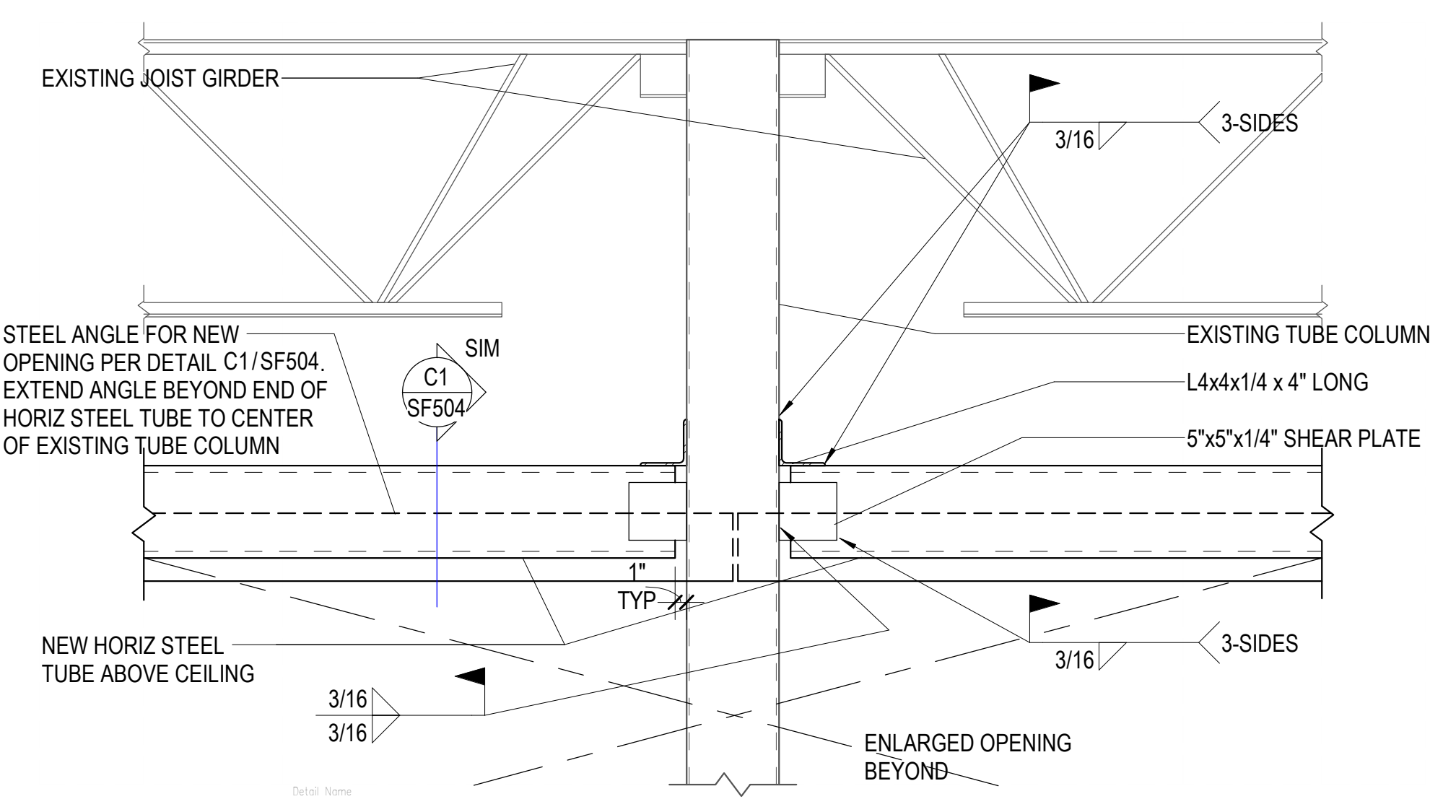


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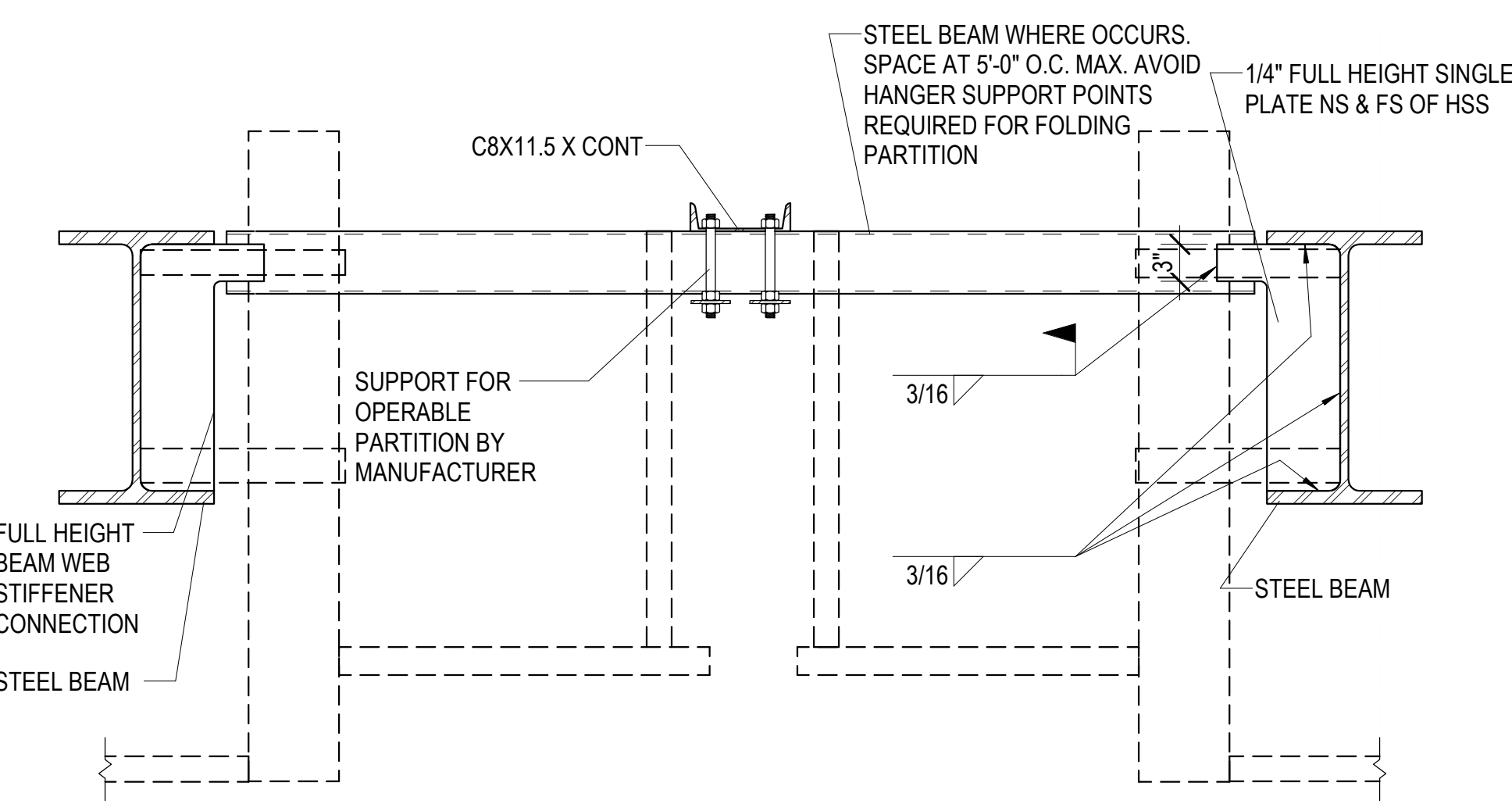
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ROOF FRAMING DETAILS

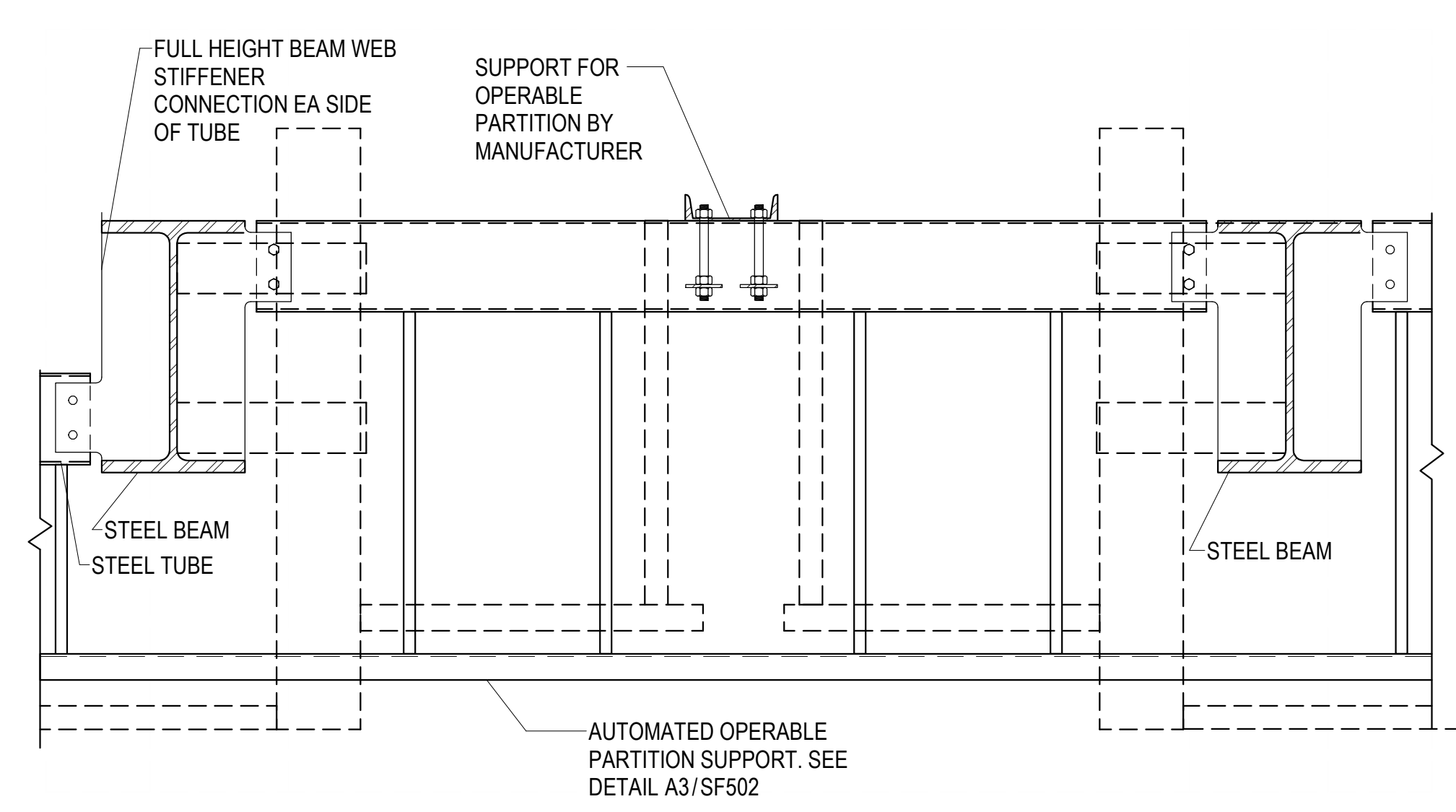
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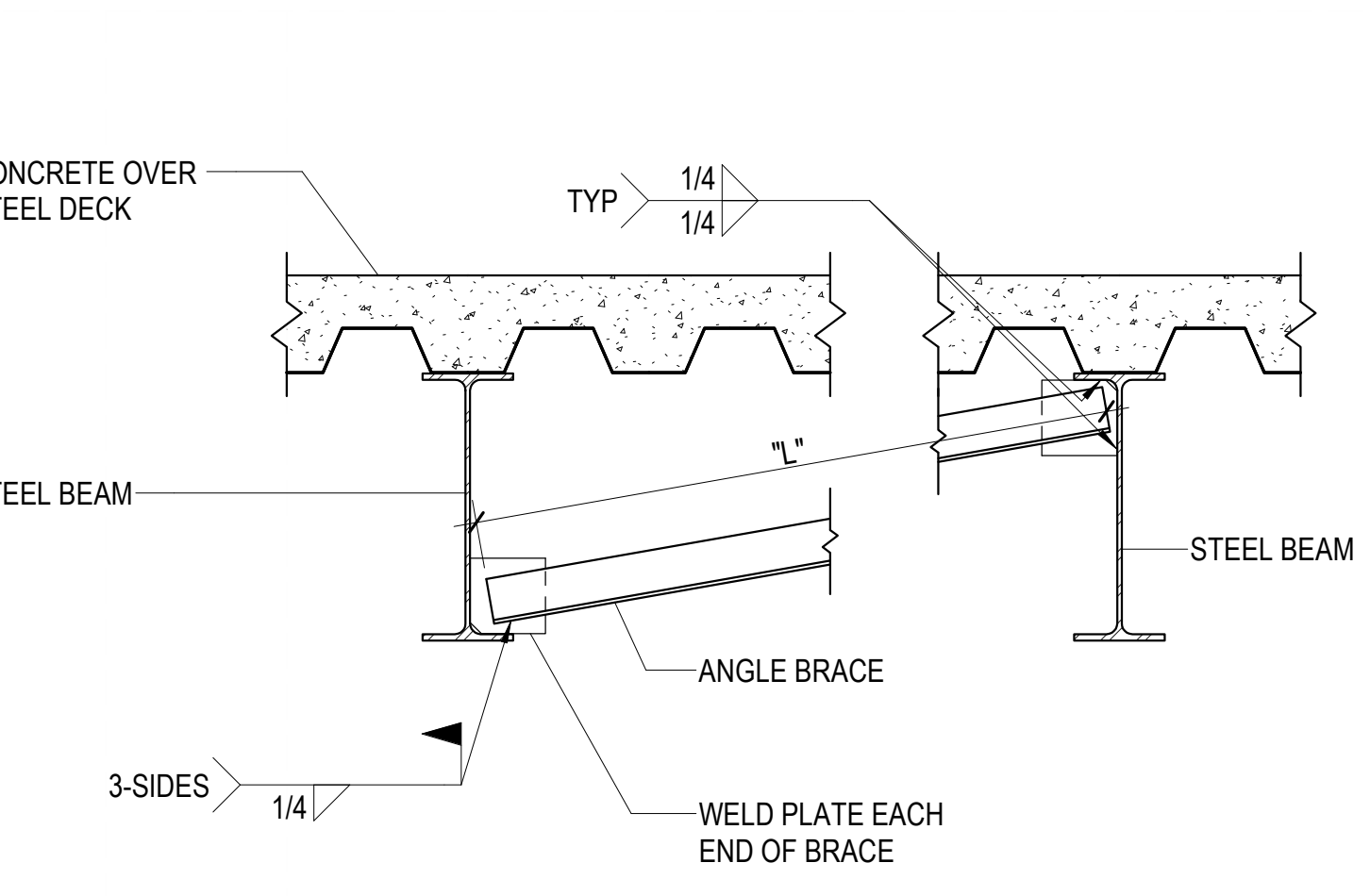
D1 OPENING RE-SUPPORT TUBE FRAME TO EXISTING COLUMN CONNECTION
 SF502 NO SCALE



D3 OPERABLE PARTITION SUPPORT AT INTERSECTION
 SF502 NO SCALE



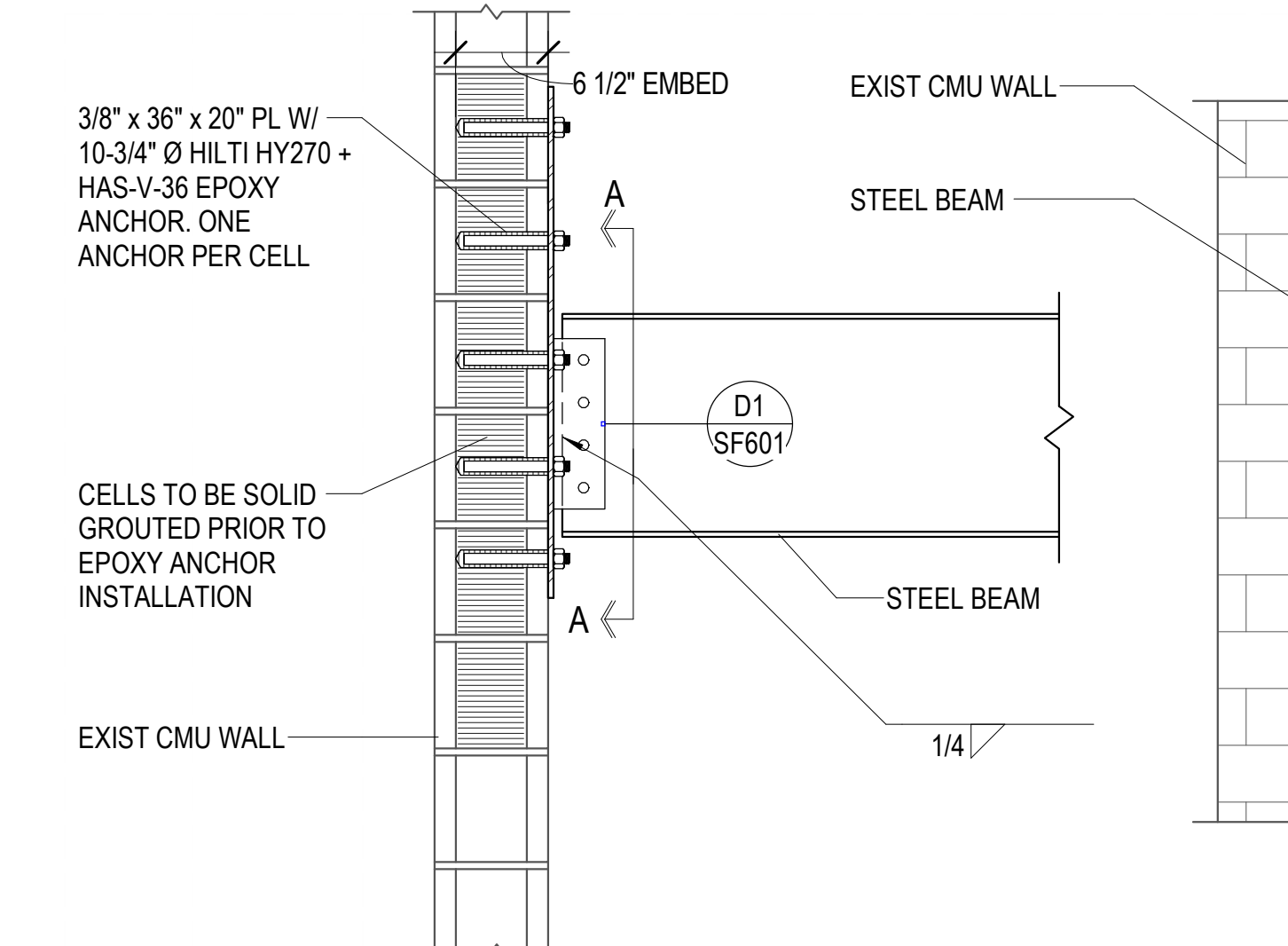
D4 OPERABLE PARTITION SUPPORT AT INTERSECTION
 SF502 NO SCALE



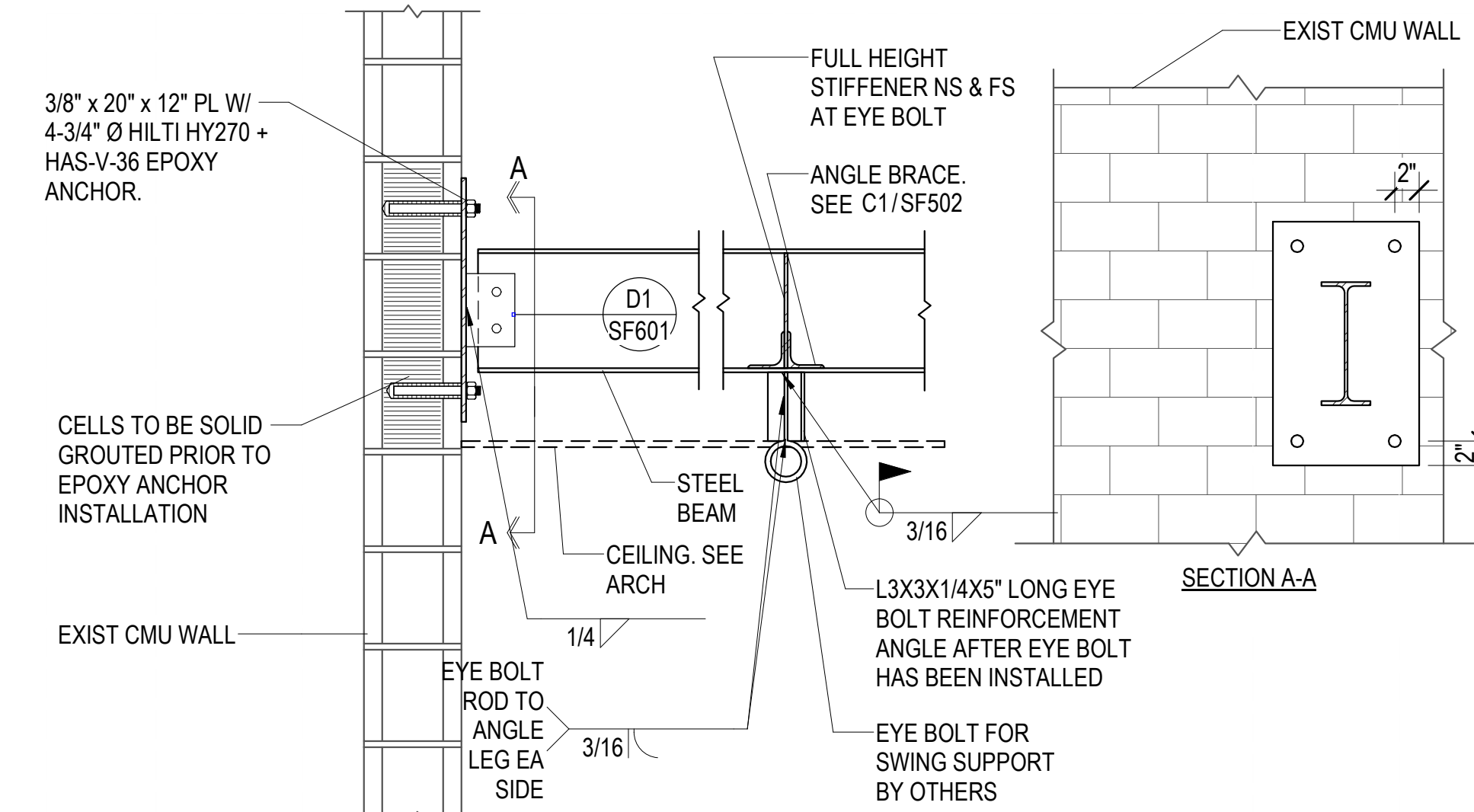
C1 TYPICAL STEEL BEAM BOTTOM FLANGE BRACE DETAIL
 SF502 NO SCALE

ANGLE BRACE SCHEDULE		
BRACE LENGTH "L"	ANGLE BRACE SIZE	WELD PLATE SIZE
UP TO 4'-0"	L2x2x1/4	4"x1/4"x4"
4'-0" TO 8'-0"	L3x3x1/4	4"x1/4"x4"
8'-0" TO 12'-0"	2-L2 1/2x2 1/2x1/4	4"x3/8"x4"
12'-0" TO 16'-0"	2-L3x3x1/4	5"x3/8"x5"

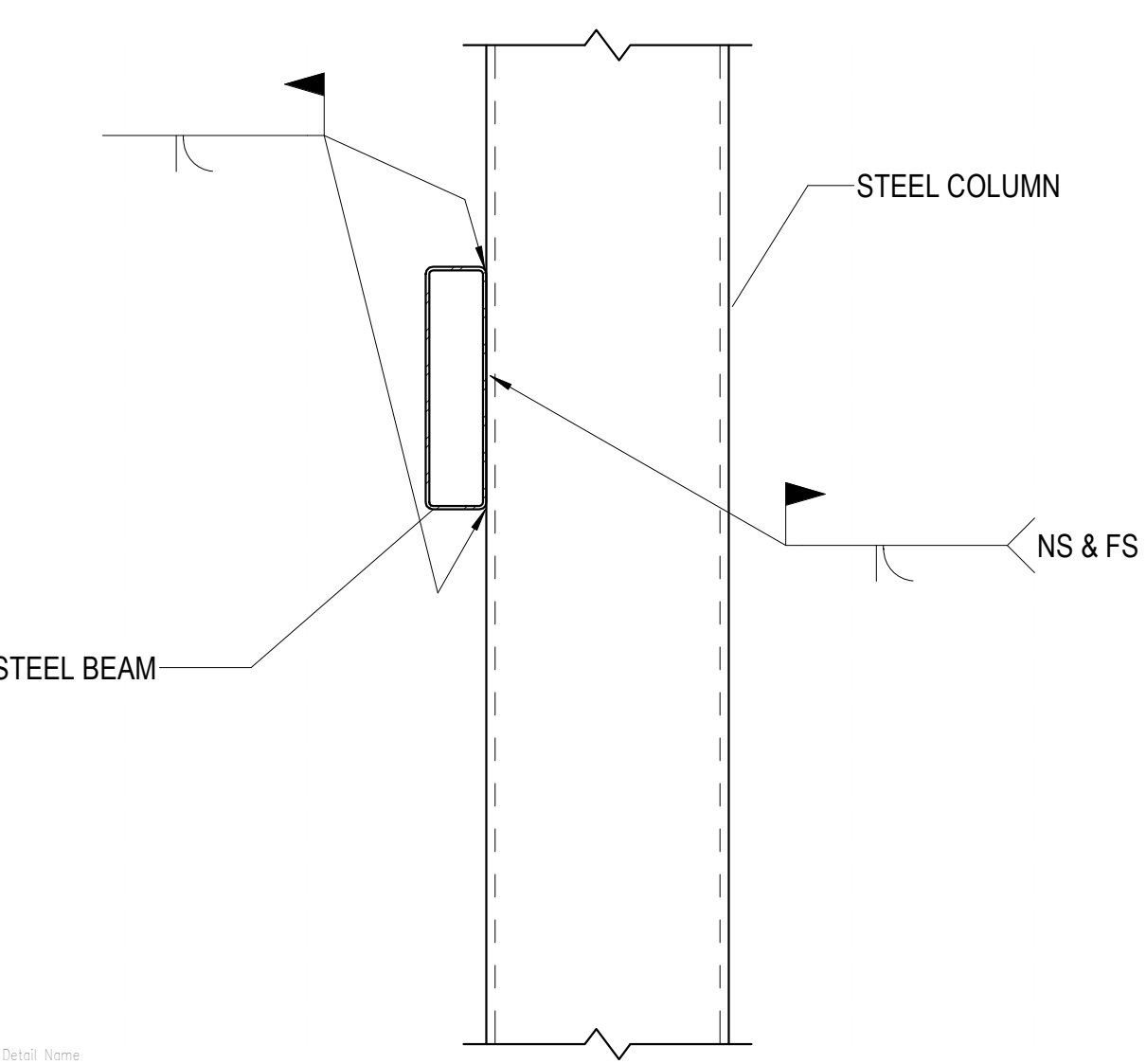
NOTE:
 1. WHERE DOUBLE ANGLES ARE USED PROVIDE 3"x3/8" SPACER PLATES AT THIRD POINTS.



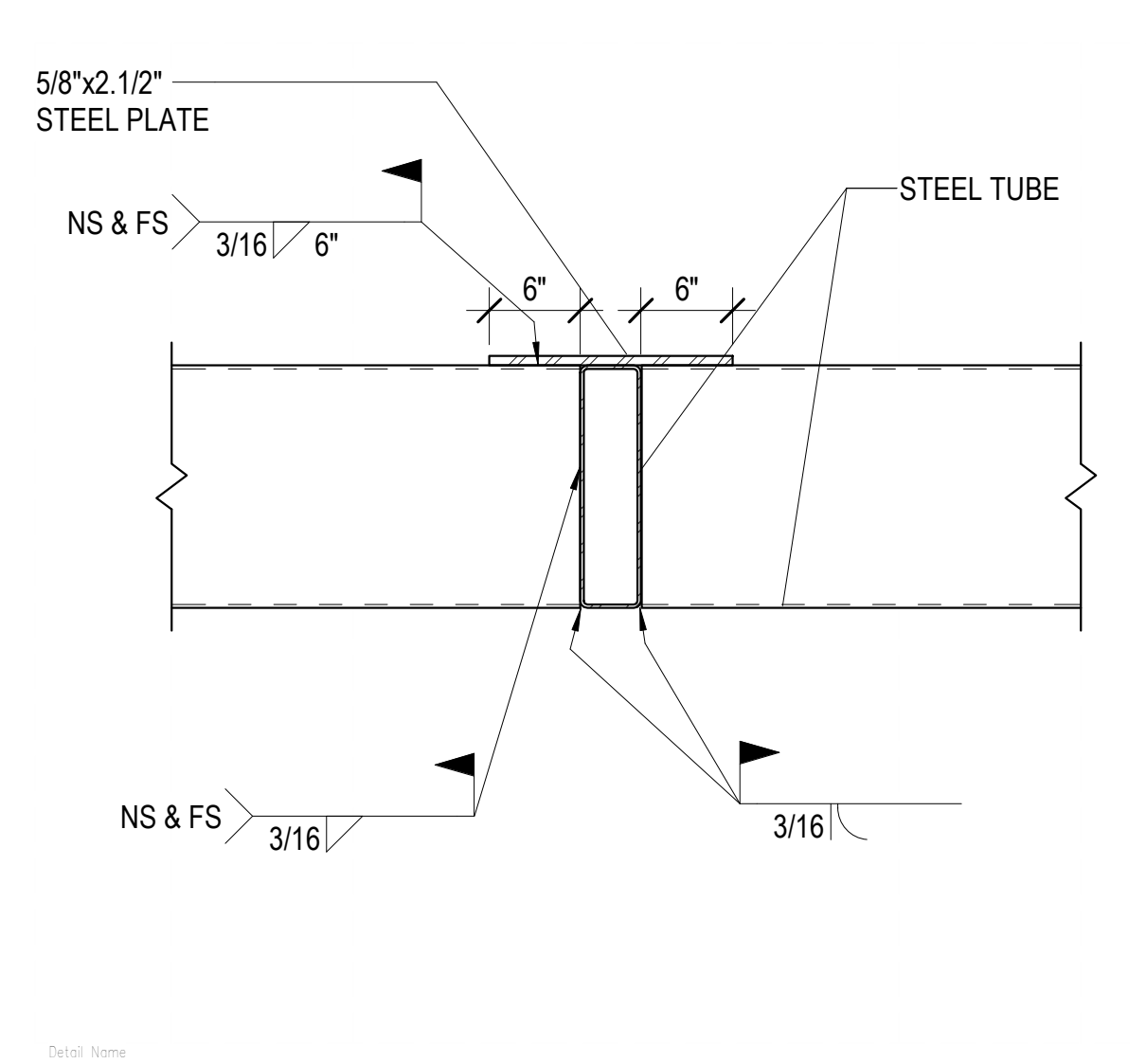
C3 STEEL TUBE TO STEEL MOMENT CONNECTION
 SF502 NO SCALE



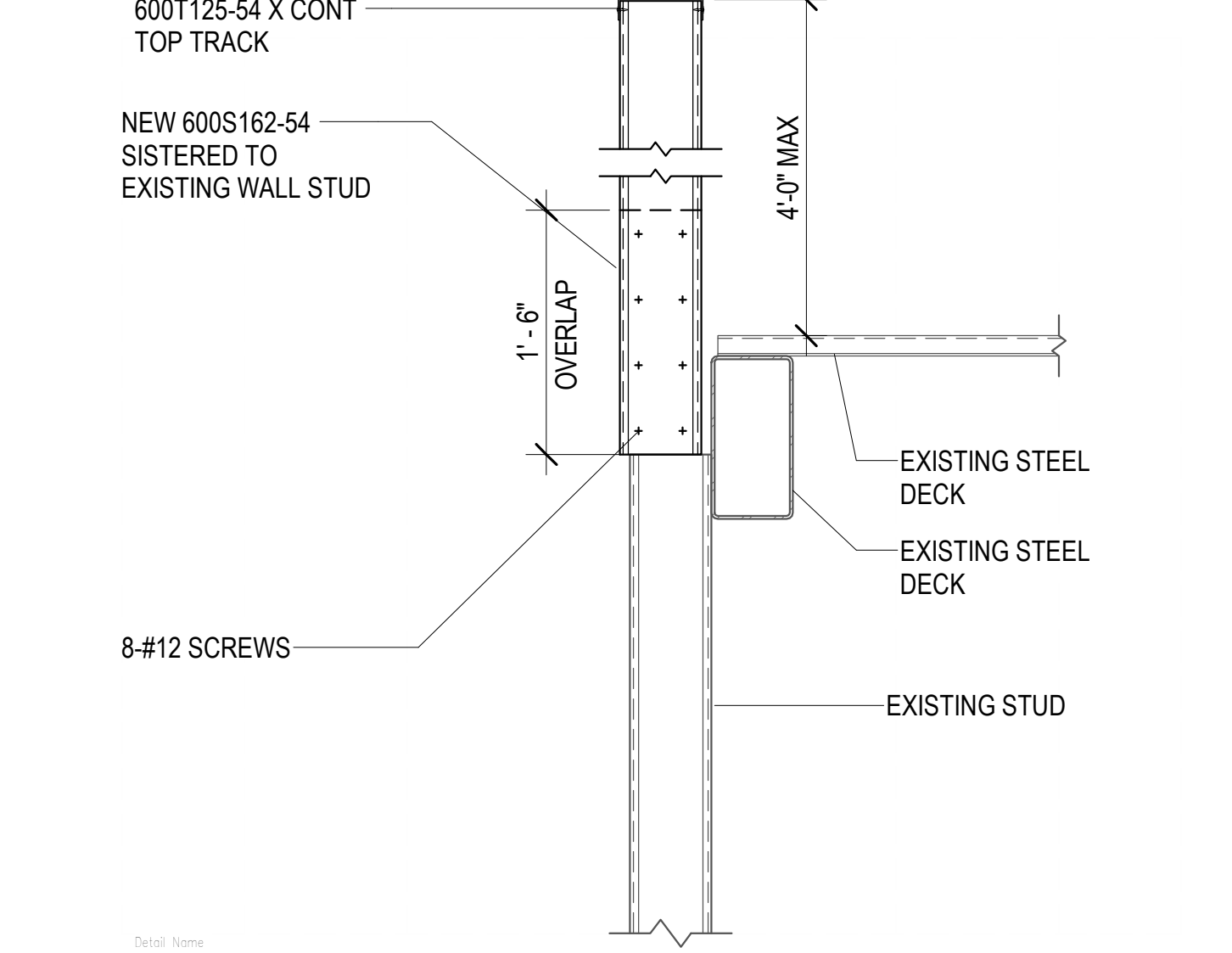
C4 SWING SUPPORT CONNECTION TO EXISTING MASONRY
 SF502 NO SCALE



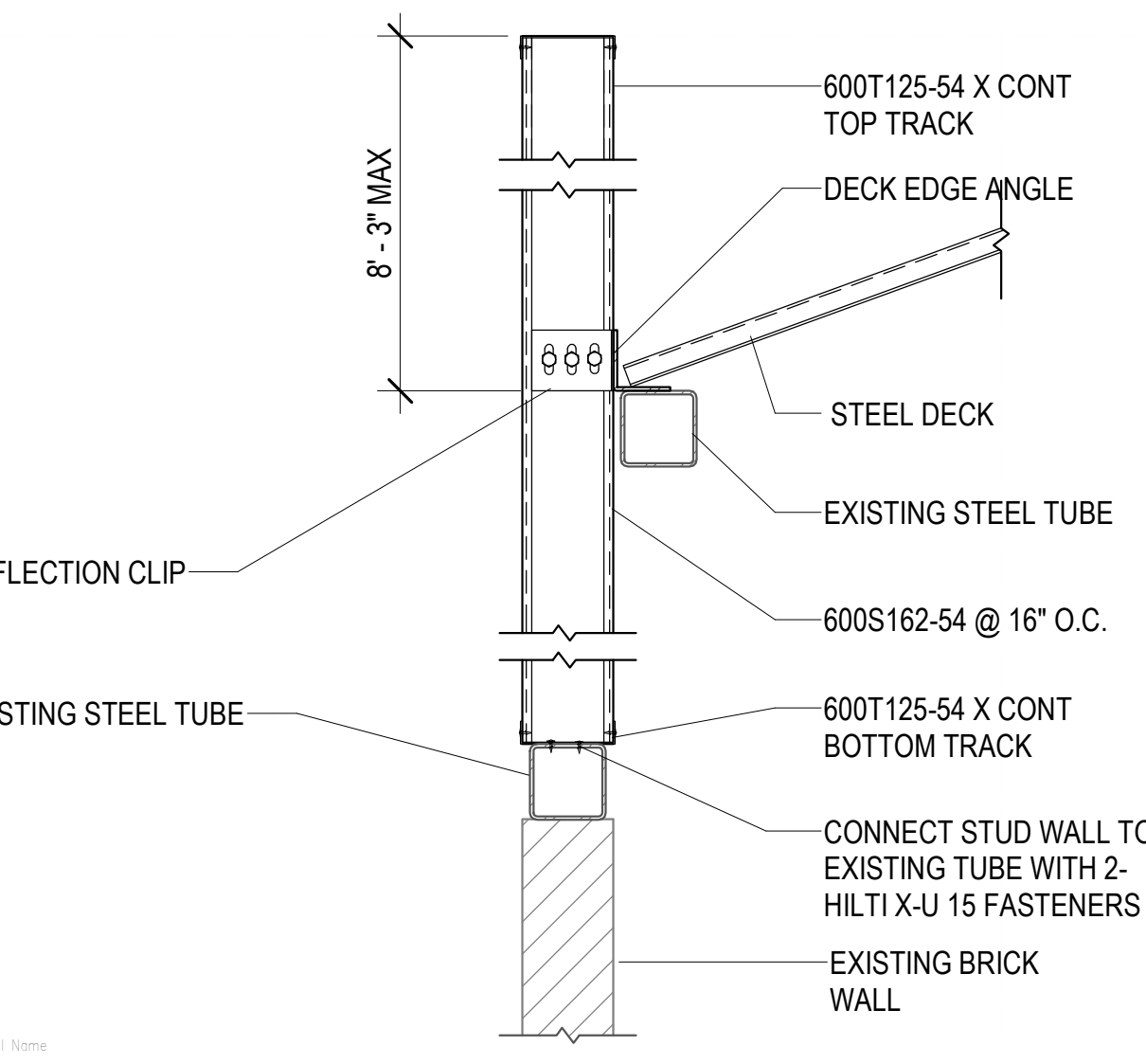
B1 STEEL TUBE TO SIDE OF COLUMN
 SF502 NO SCALE



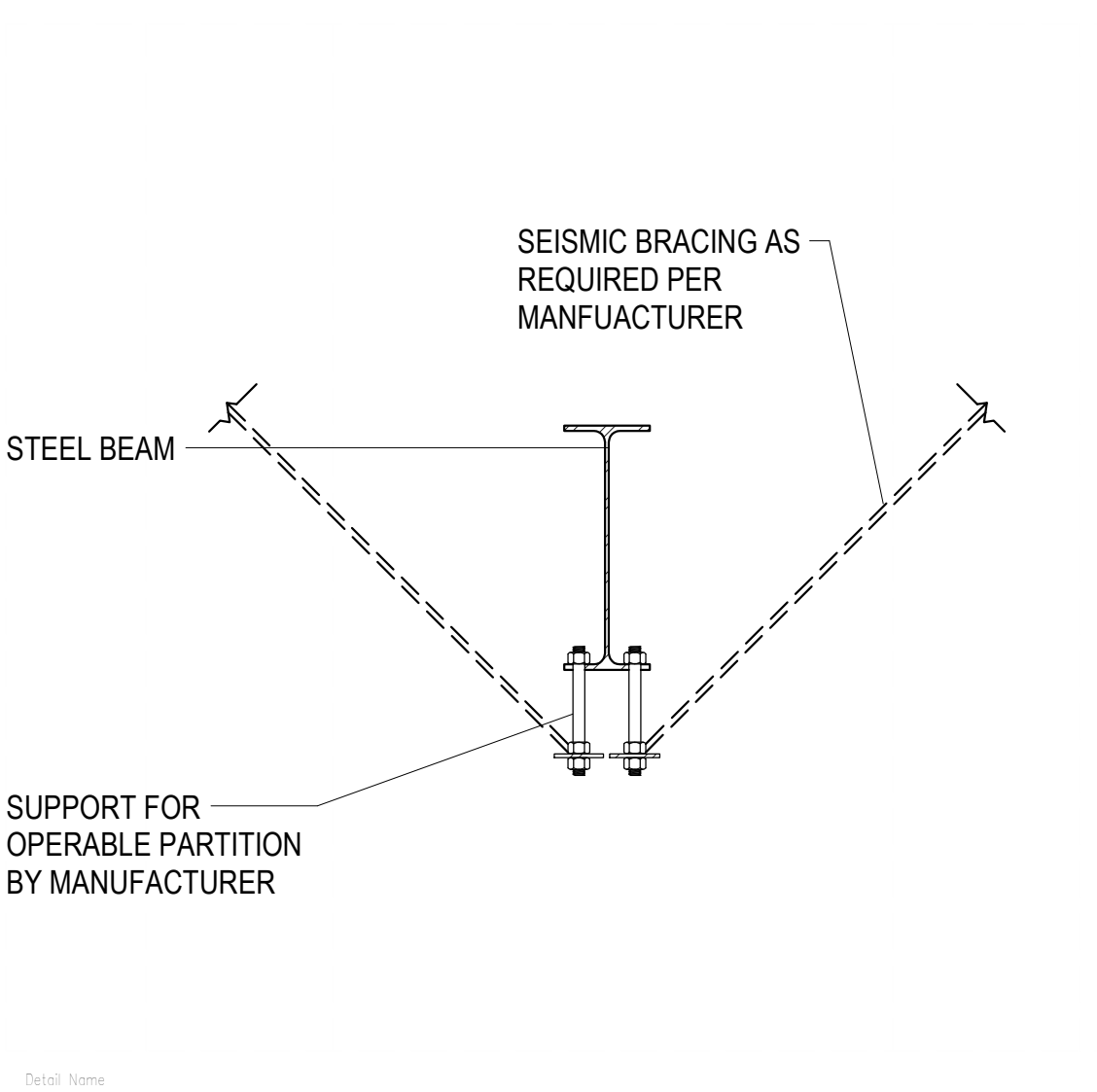
B2 STEEL TUBE TO STEEL MOMENT CONNECTION
 SF502 NO SCALE



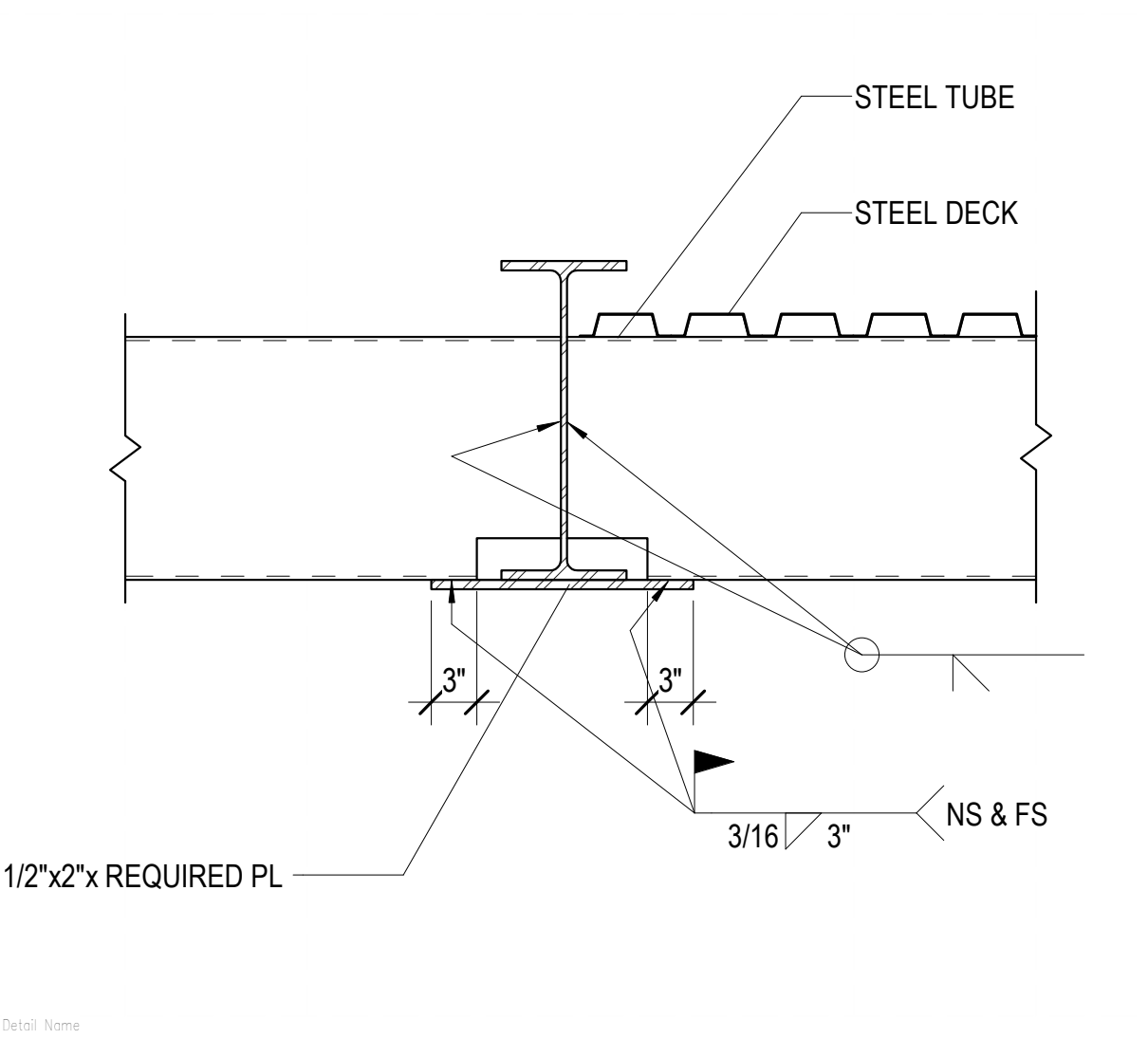
B3 PARAPET AT OUTDOOR PLAY
 SF502 NO SCALE



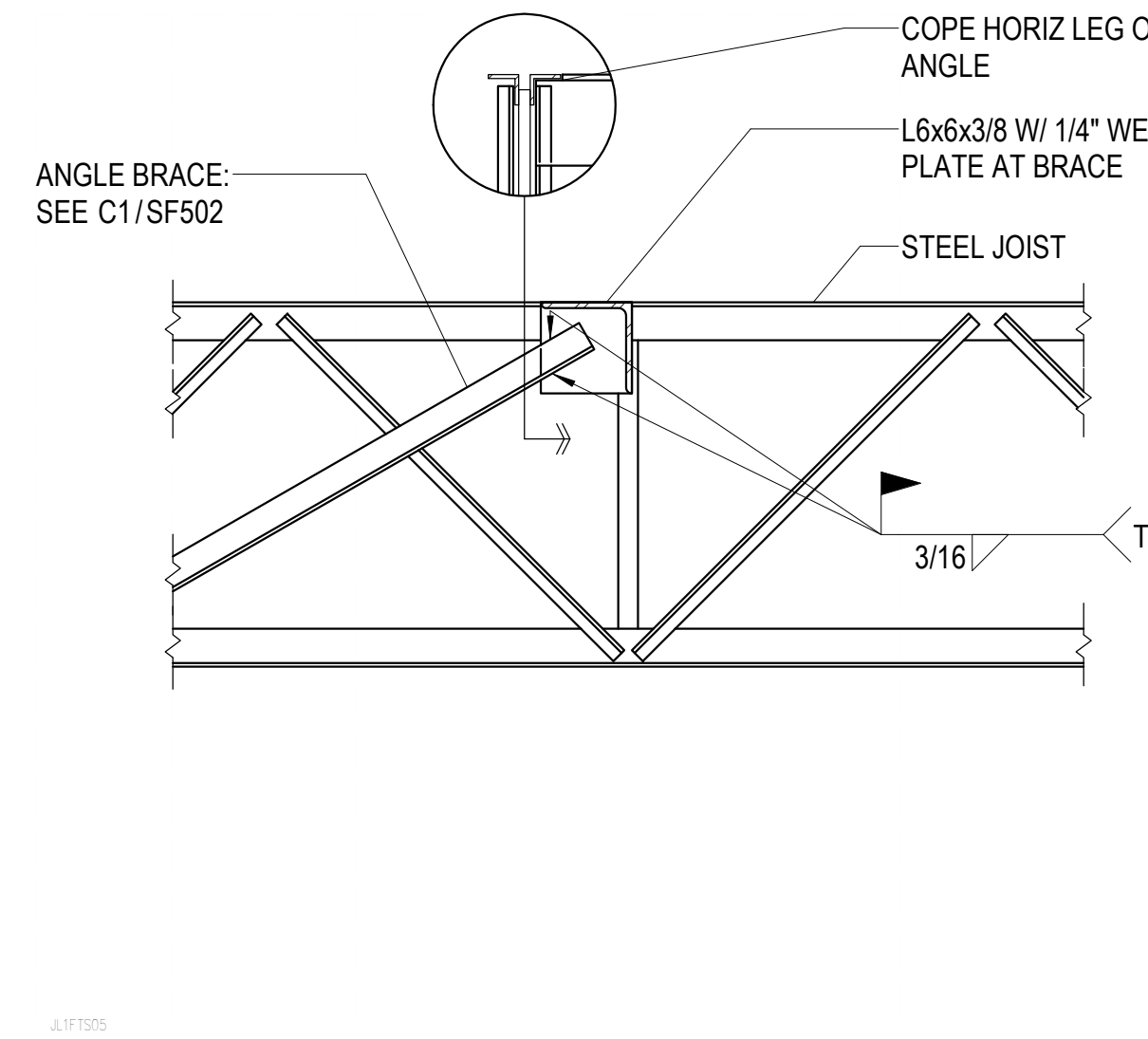
B4 NEW PARAPET STUDS
 SF502 NO SCALE



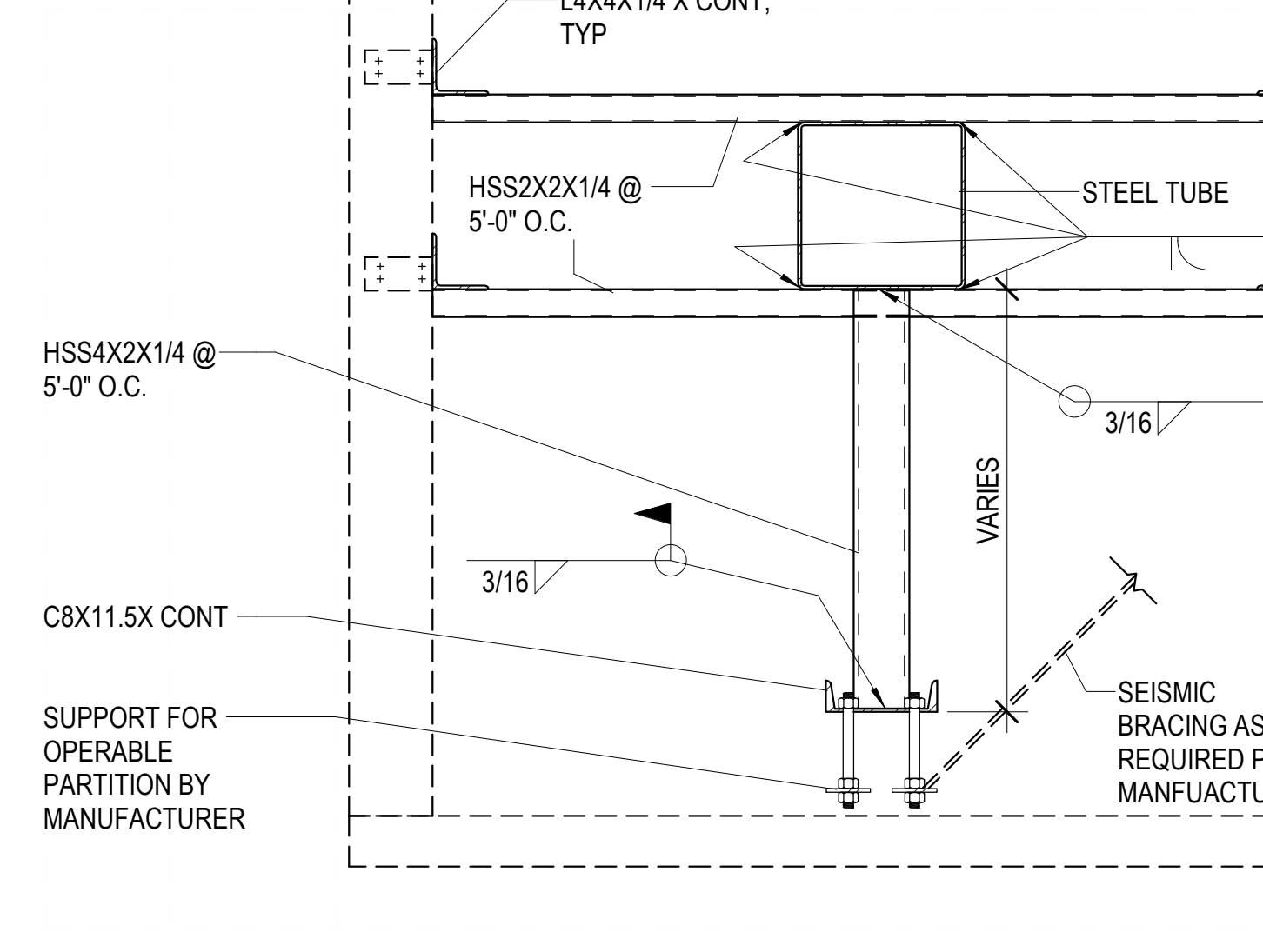
B5 MANUAL PARTITION SUPPORT
 SF502 NO SCALE



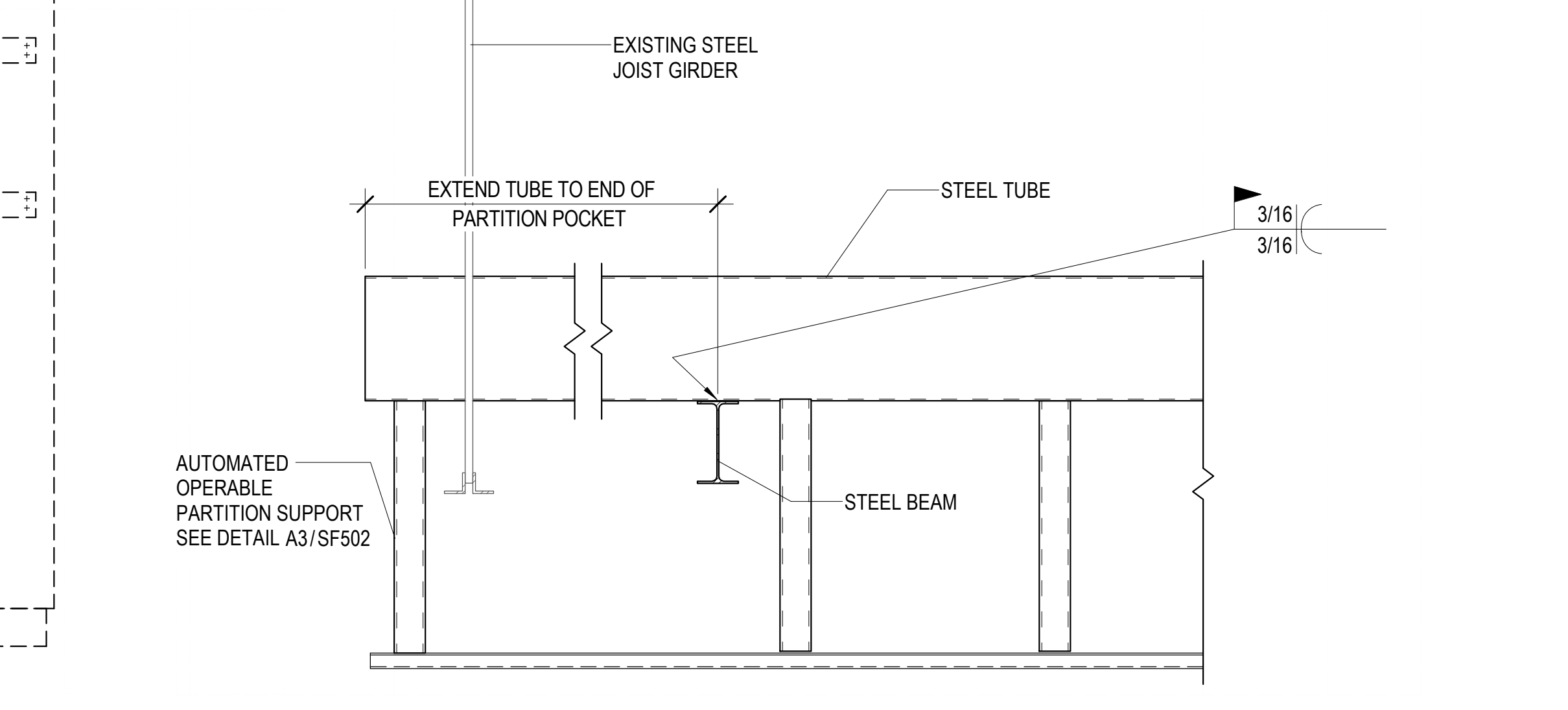
A1 STEEL TUBE TO STEEL MOMENT CONNECTION
 SF502 NO SCALE



A2 TYPICAL BRACE TO TOP CHORD DETAIL
 SF502 NO SCALE



A3 AUTOMATED OPERABLE PARTITION SUPPORT
 SF502 NO SCALE



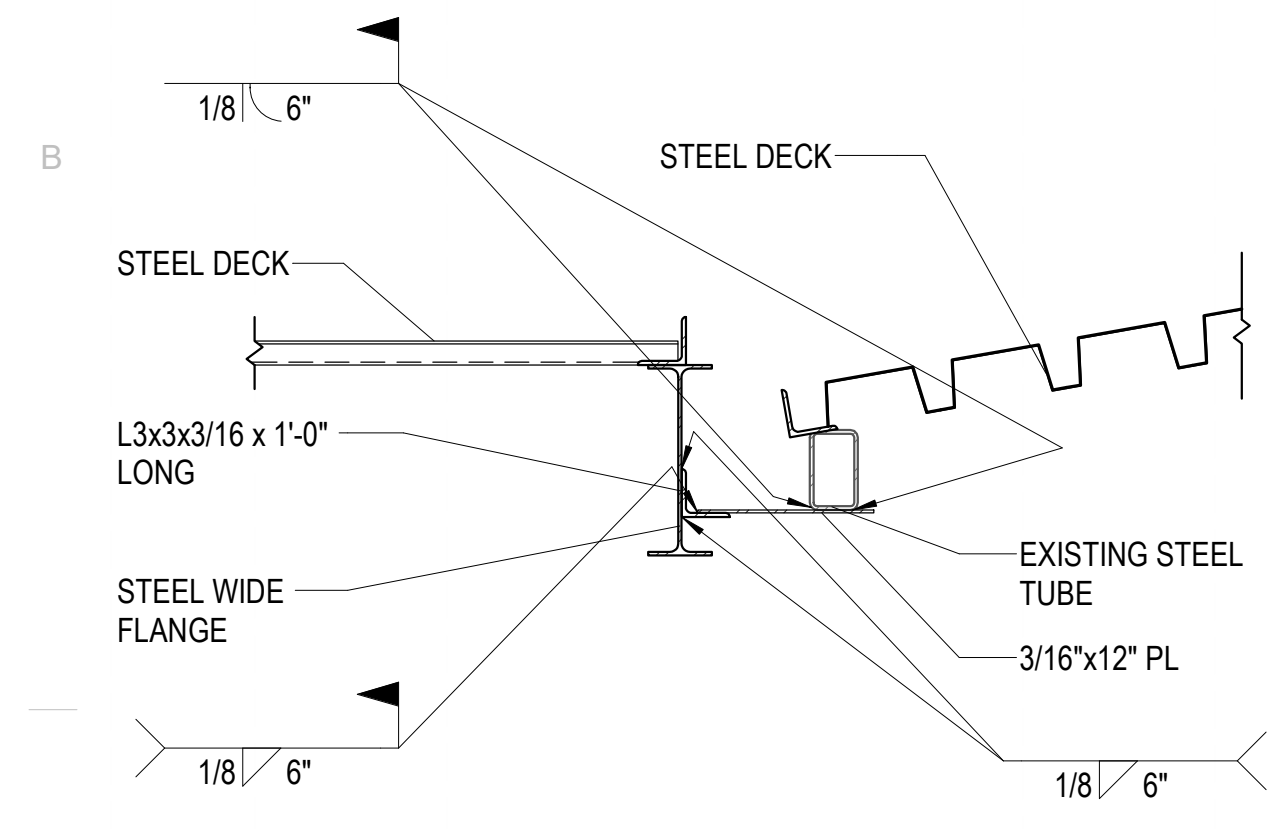
A4 STEEL TUBE BEARING DETAIL
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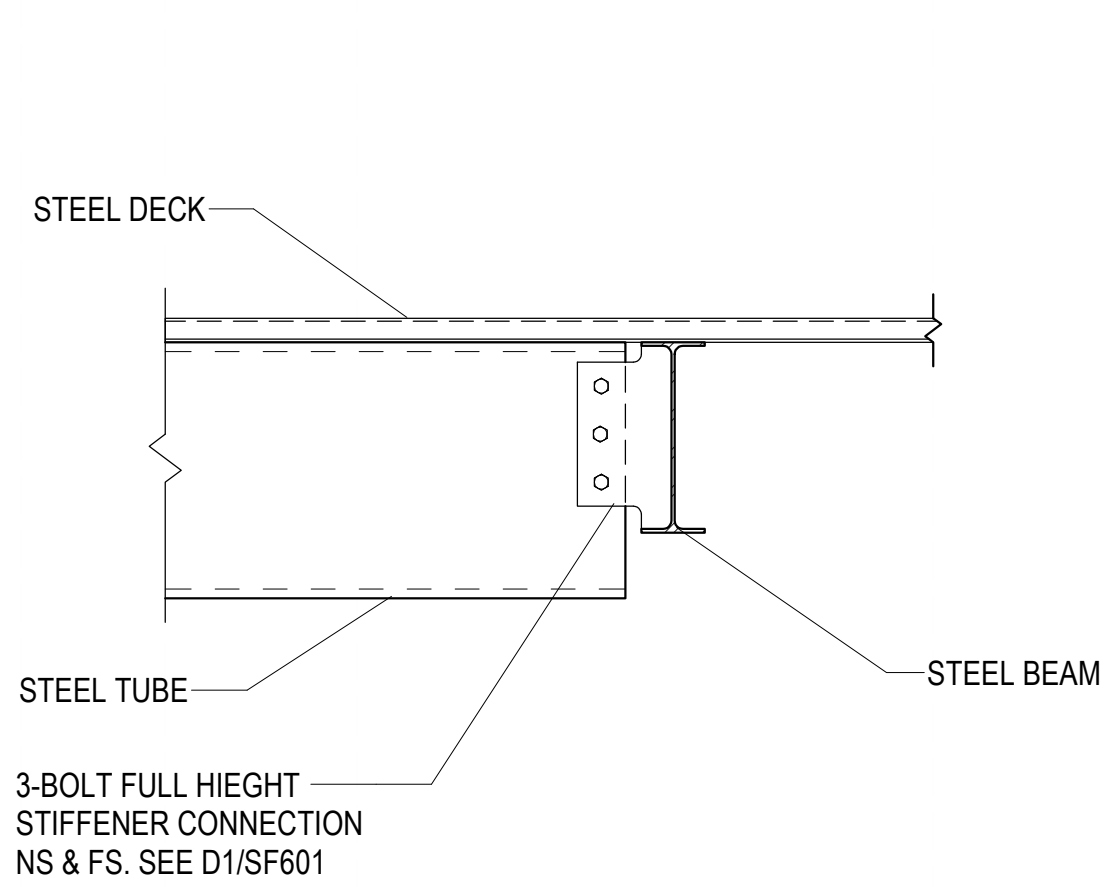
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D3 TUBE CONNECTION TO EXISTING WALL WITH POST INSTALLED ANCHORS
SF503 NO SCALE

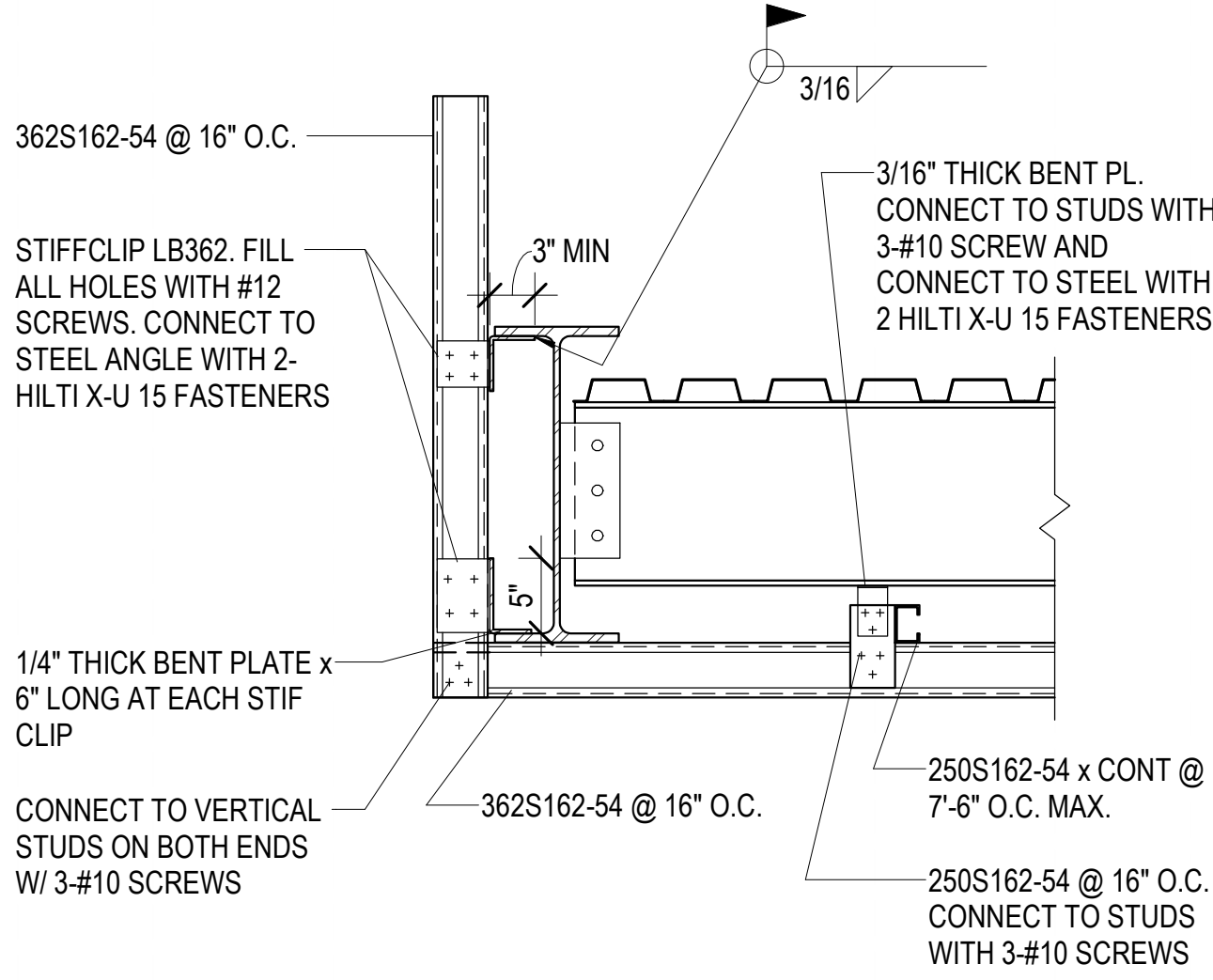
D5 STEEL TUBE TO COLUMN MOMENT CONNECTION
SF503 NO SCALE



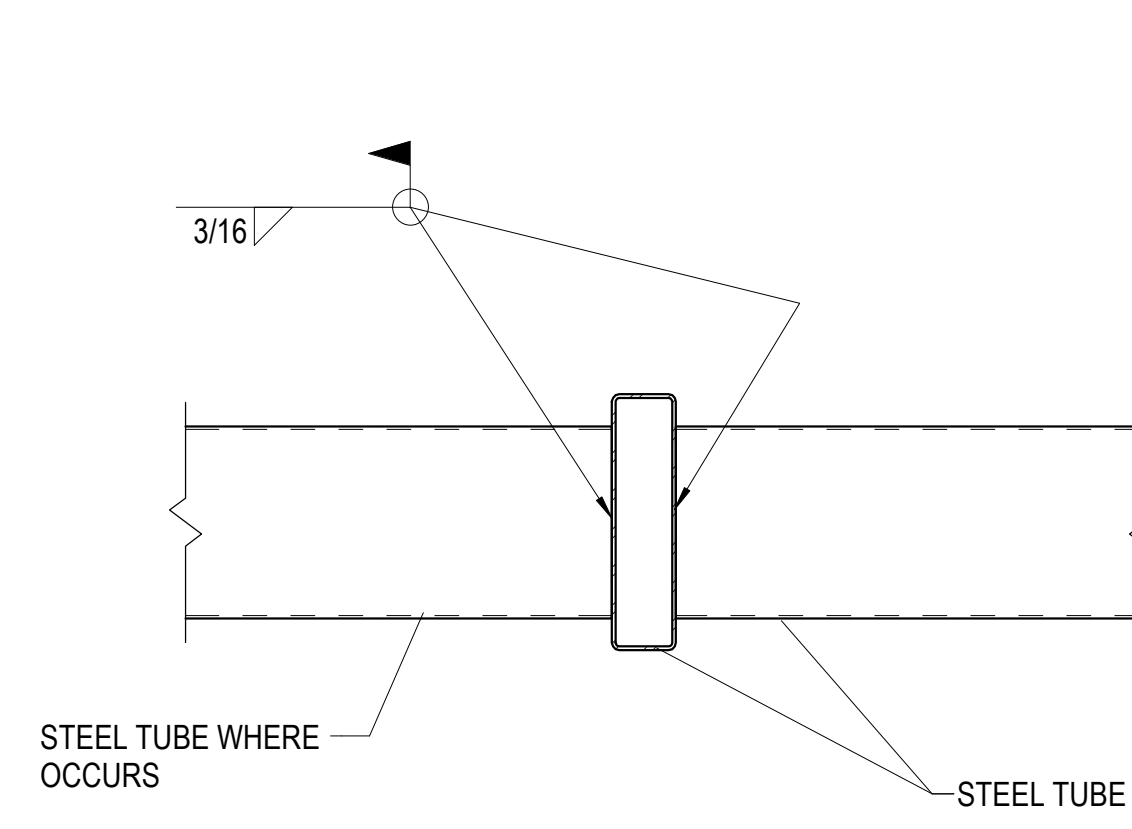
C1 CANOPY DIAPHRAGM CONNECT TO EXISTING ROOF
SF503 NO SCALE



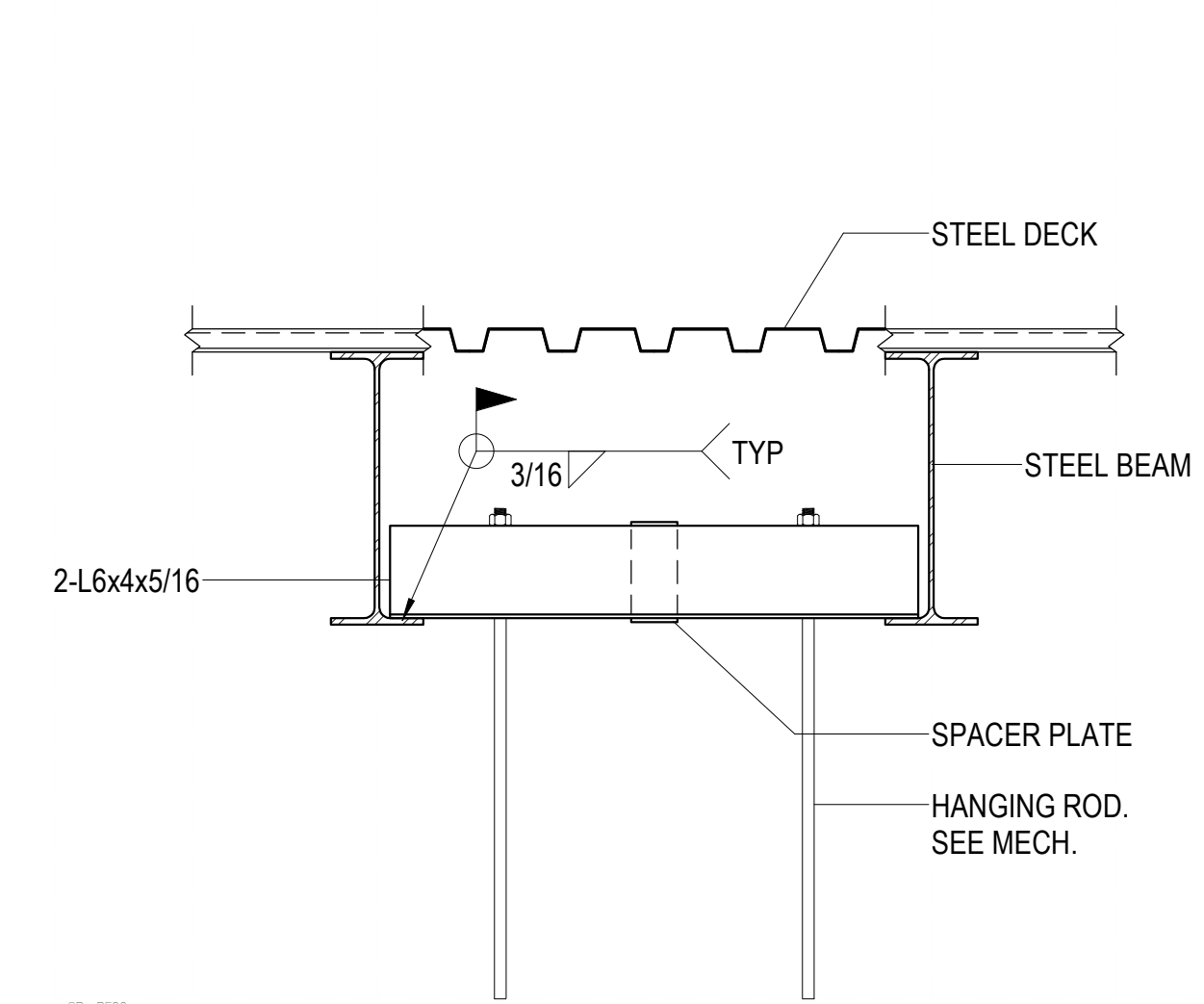
C2 STEEL TUBE CONNECTION TO WF BEAM
SF503 NO SCALE



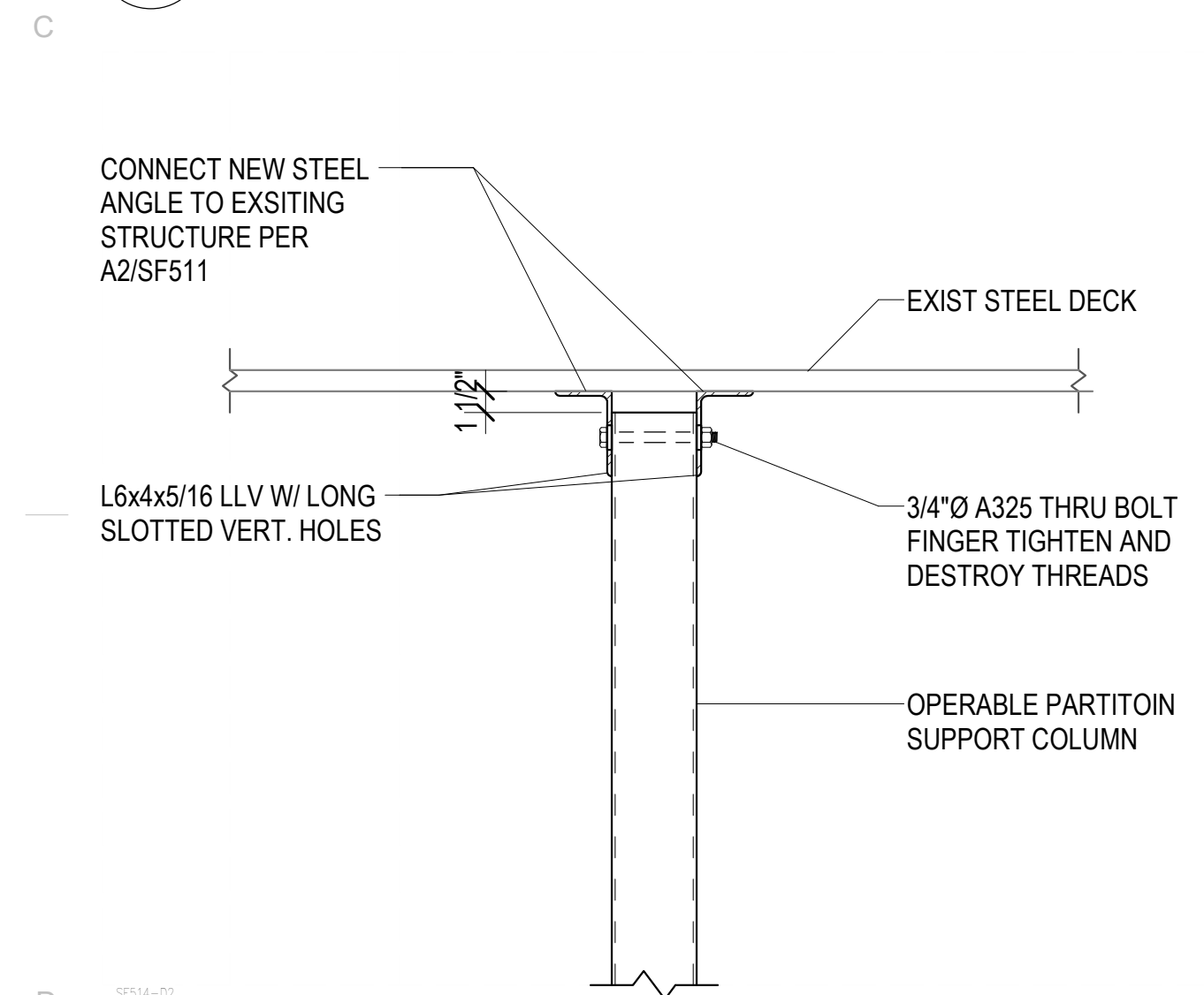
C3 SOFFIT CONNECTION
SF503 NO SCALE



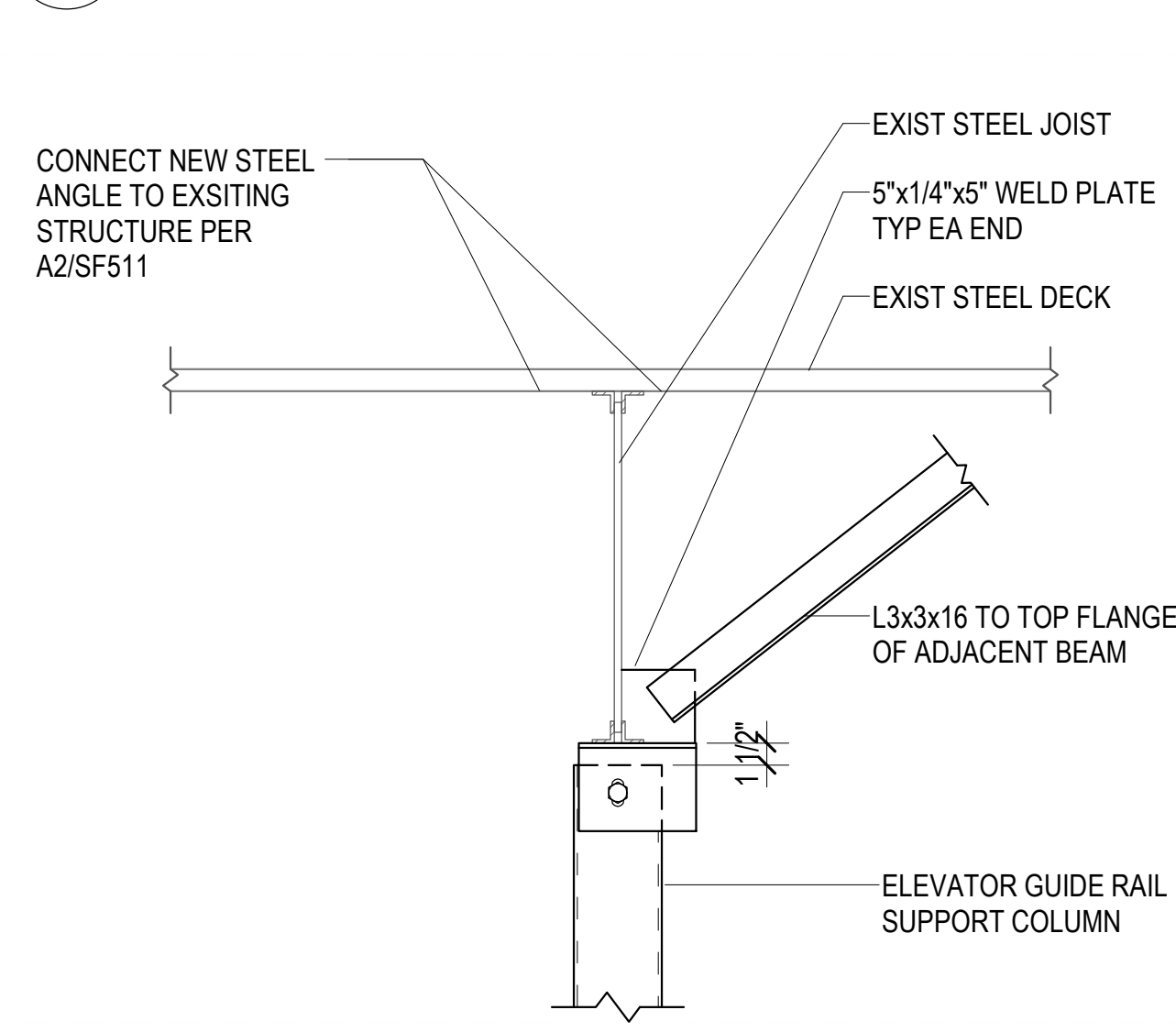
C4 TYPICAL TRELLIS MEMBER CONNECTION
SF503 NO SCALE



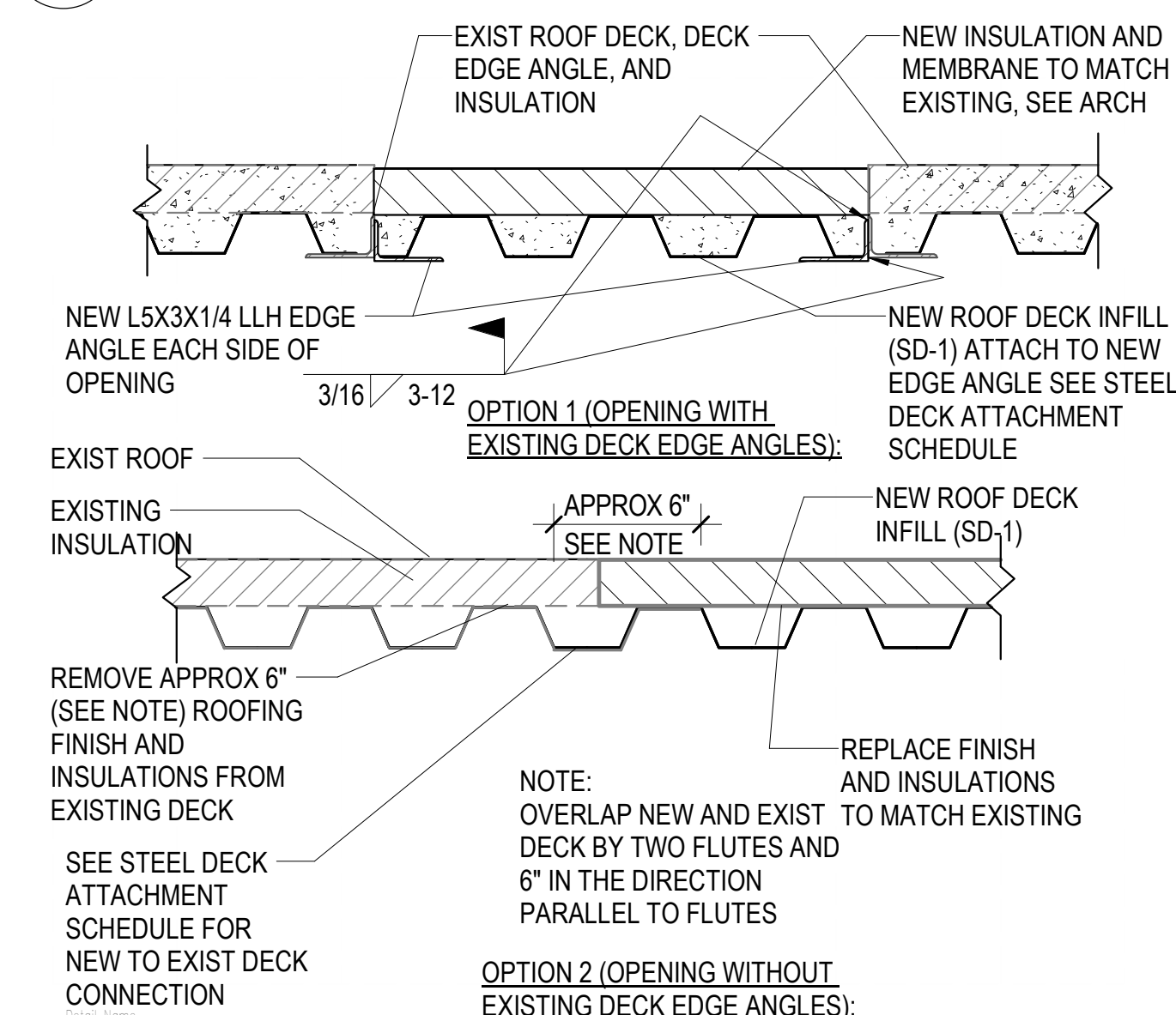
C5 TYPICAL HANGING MECHANICAL UNIT SUPPORT DETAIL
SF503 NO SCALE



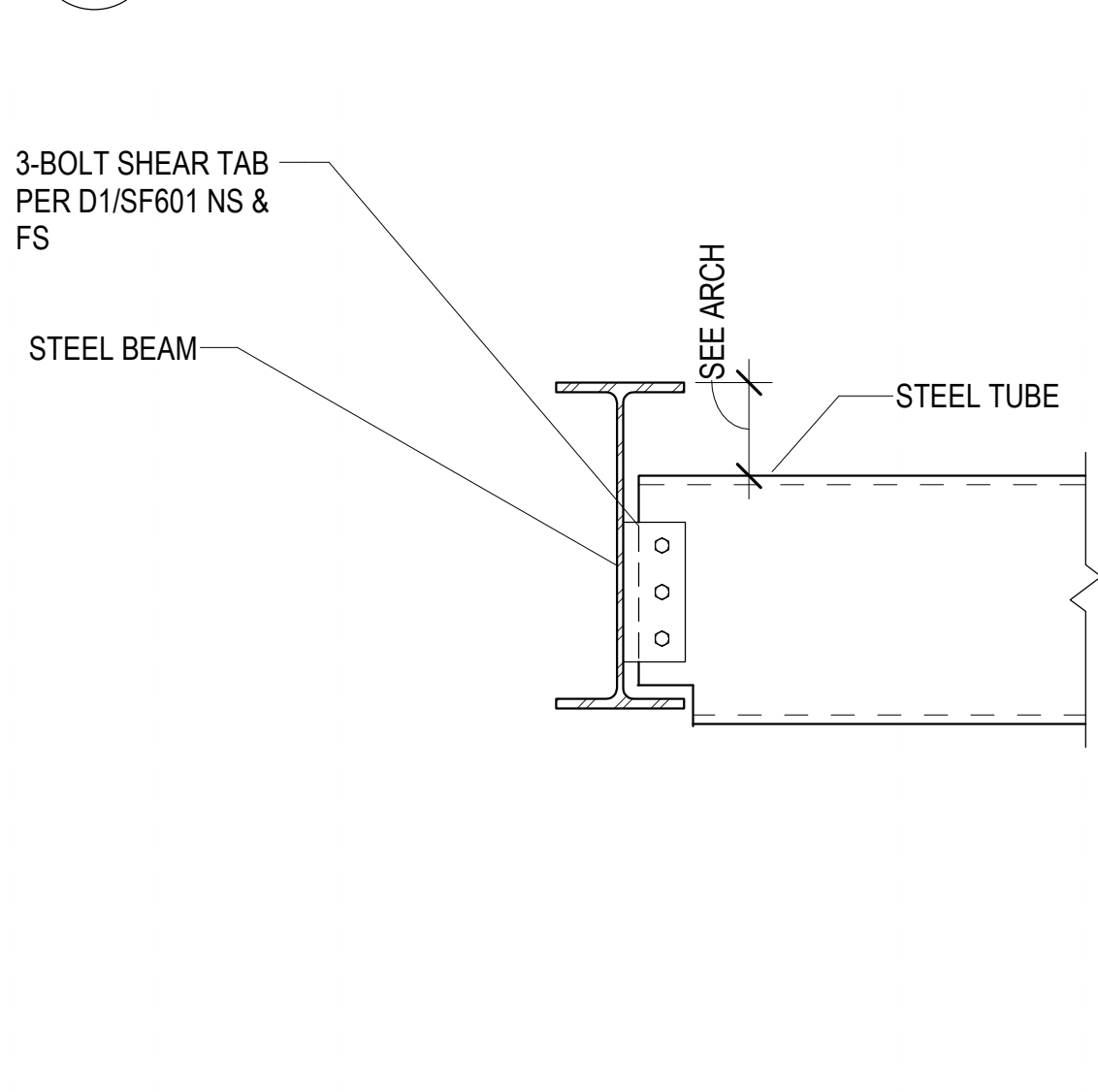
B1 TYPICAL OPERABLE PARTITION SUPPORT COLUMN BRACING AT TOP
SF503 NO SCALE



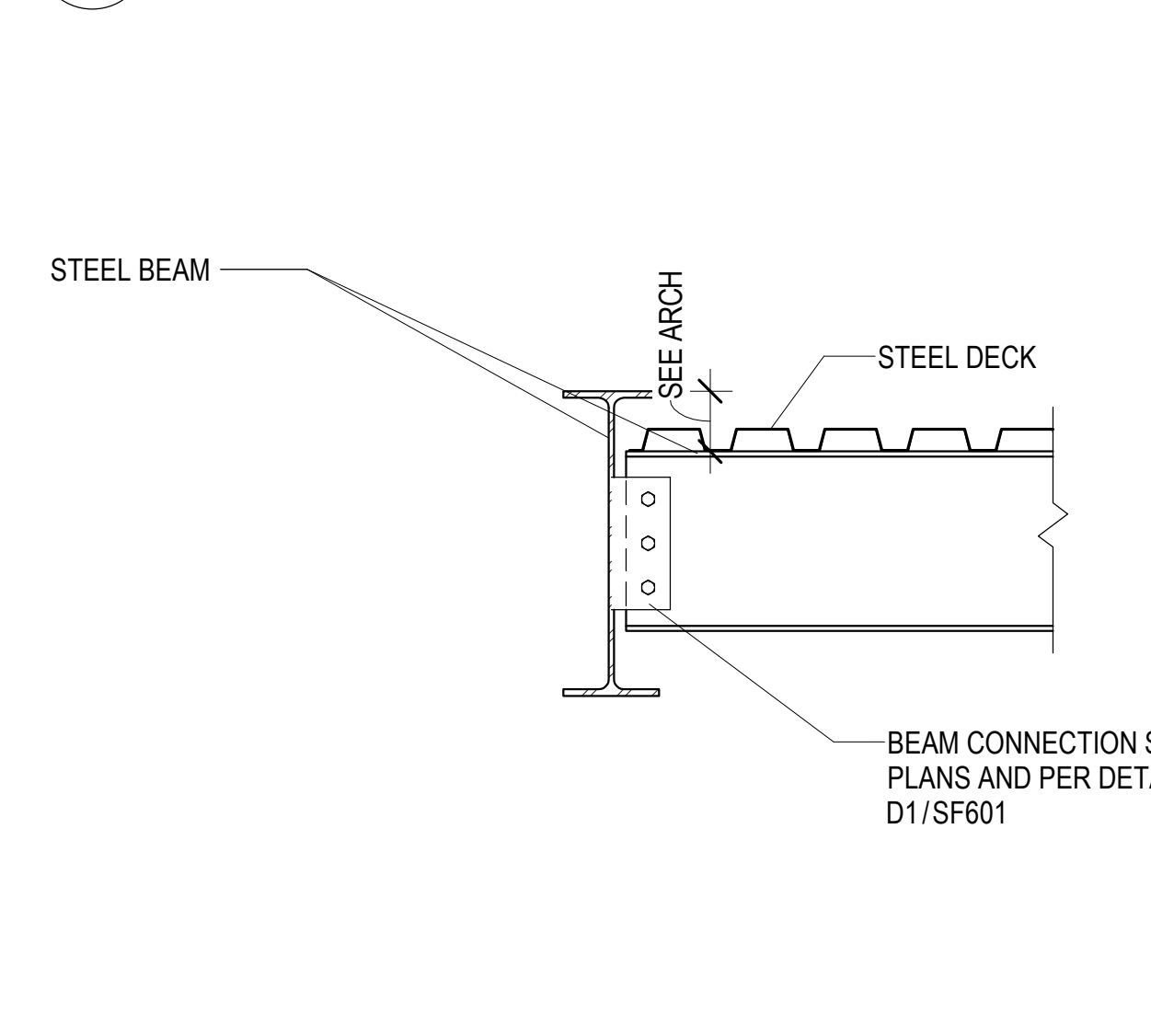
A2 DECK EDGE TO EXISTING CMU WALL
SF503 NO SCALE



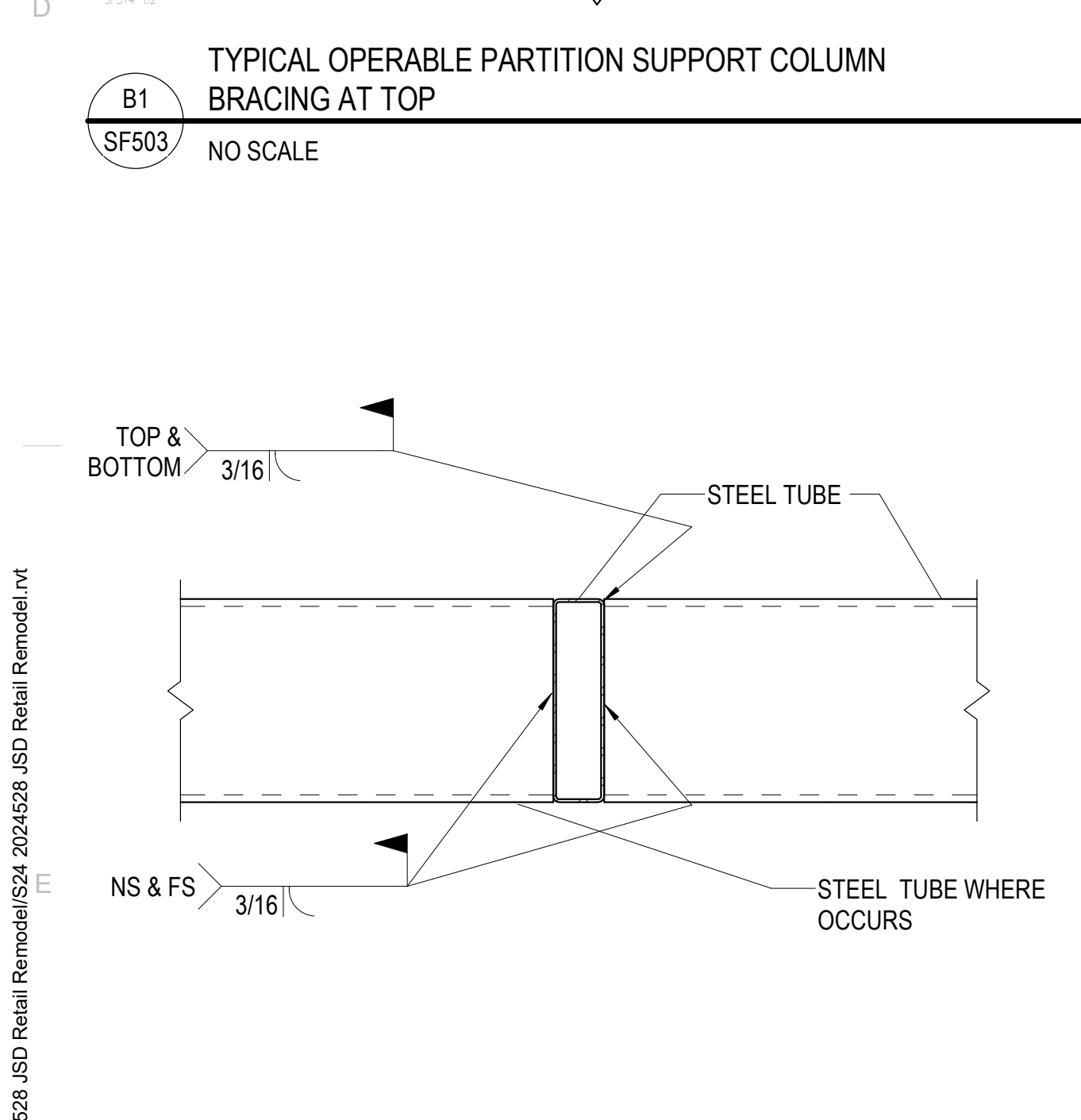
B3 TYP ROOF DECK INFILL DETAIL
SF503 NO SCALE



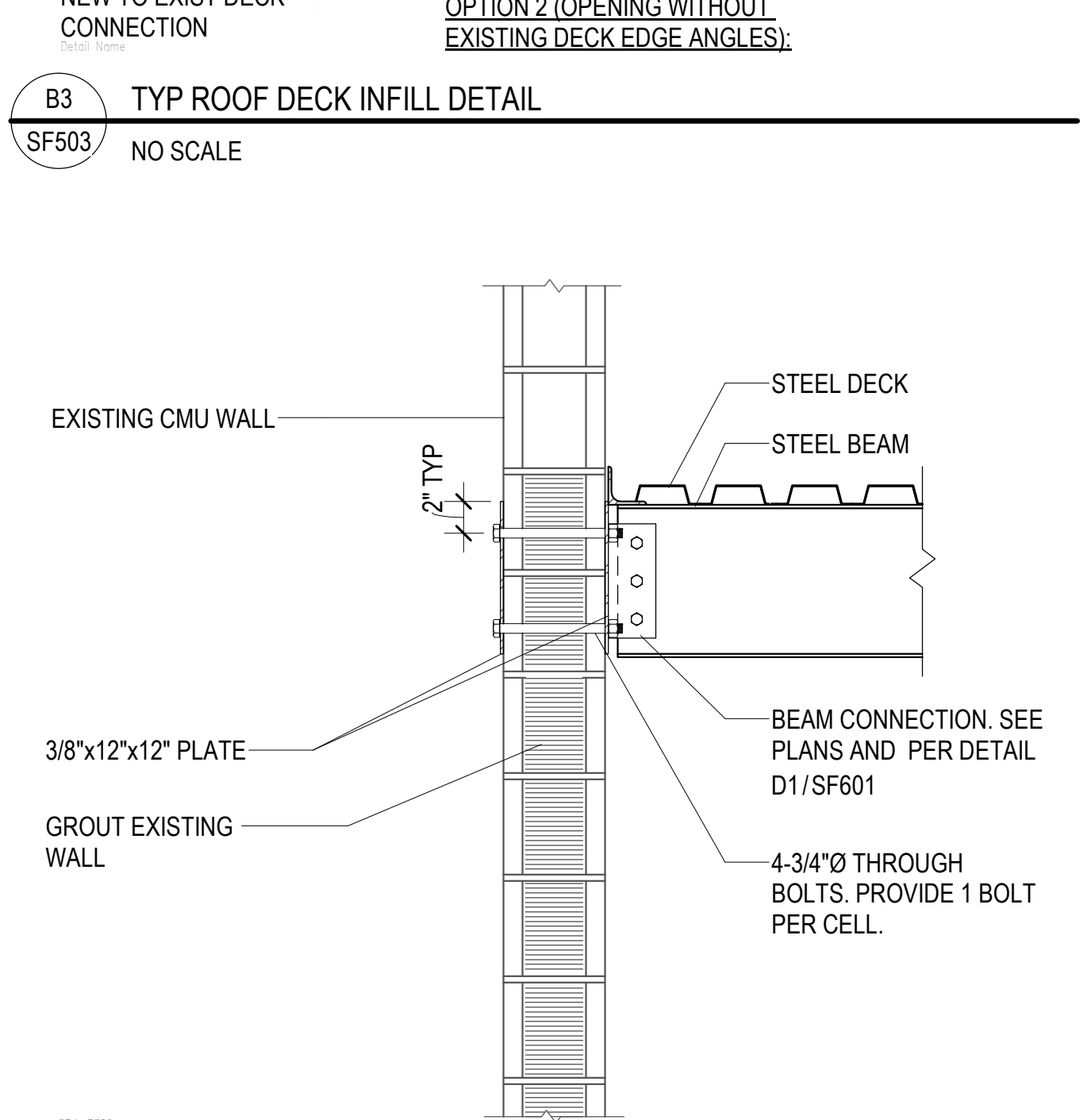
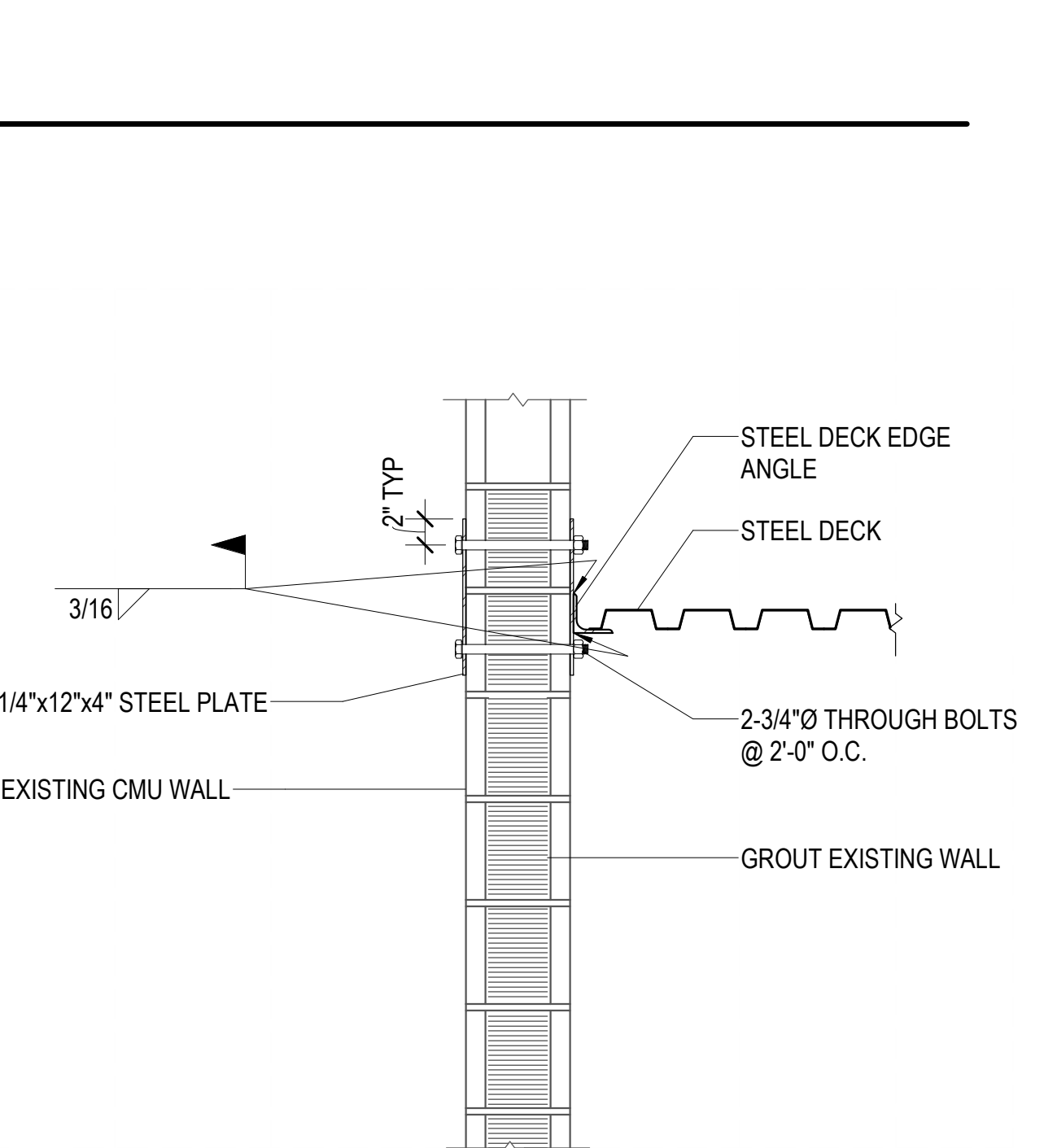
B4 STEEL TUBE TO STEEL BEAM
SF503 NO SCALE



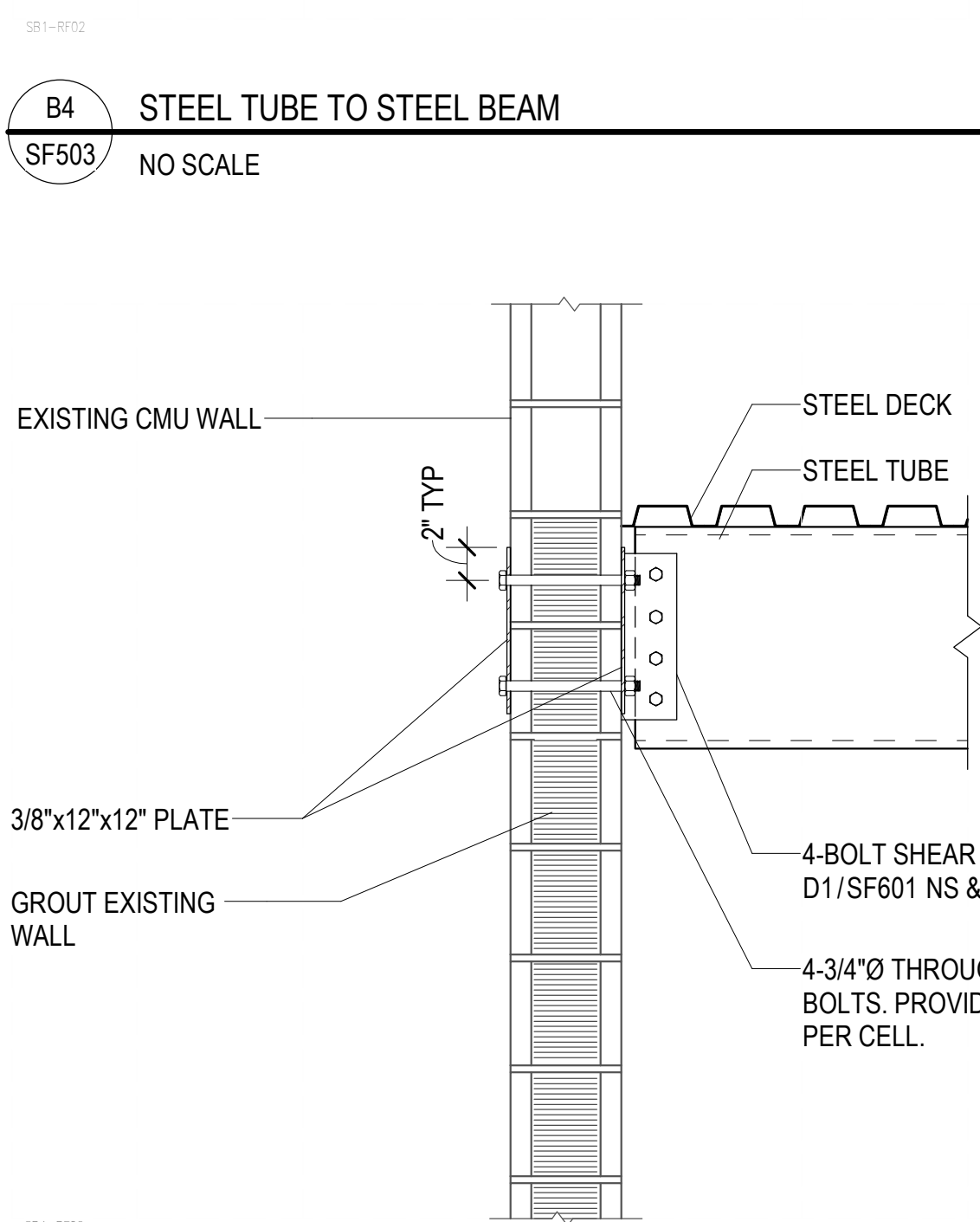
B5 STEEL BEAM CONNECTION AT CANOPY
SF503 NO SCALE



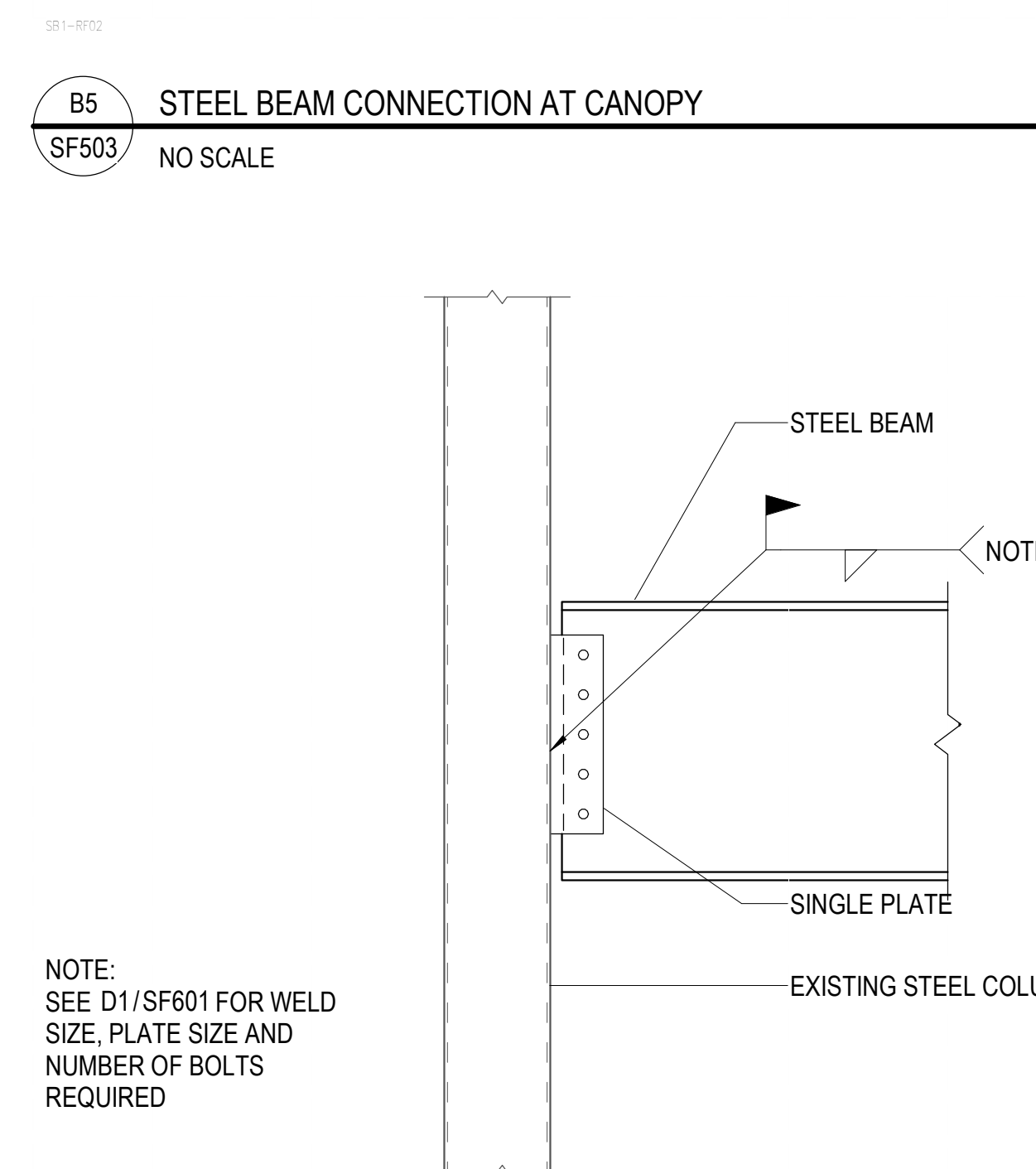
A1 STEEL TUBE TO STEEL BEAM
SF503 NO SCALE



A3 NEW STEEL BEAM TO EXISTING CMU WALL
SF503 NO SCALE



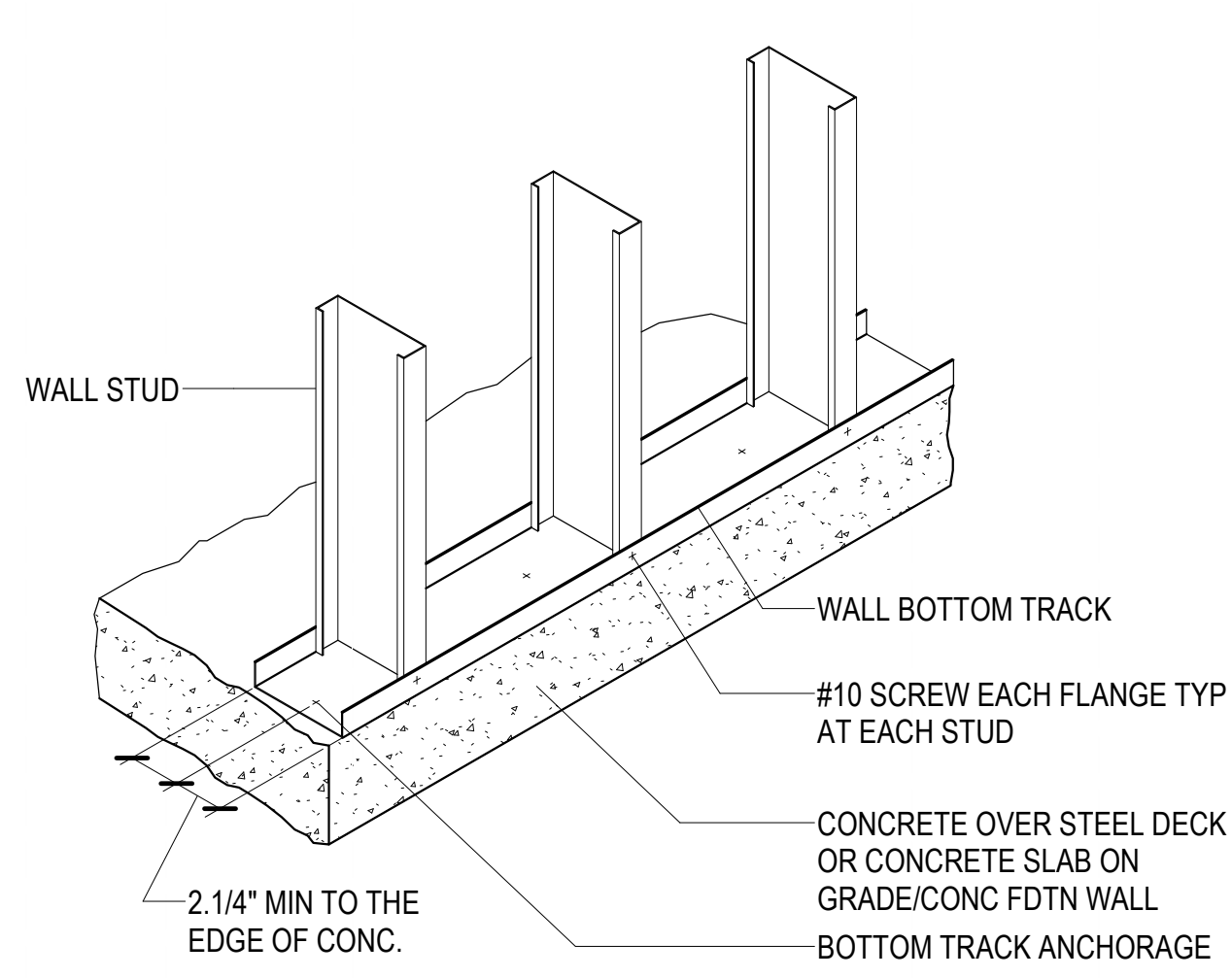
A4 NEW STEEL TUBE TO EXISTING CMU WALL
SF503 NO SCALE



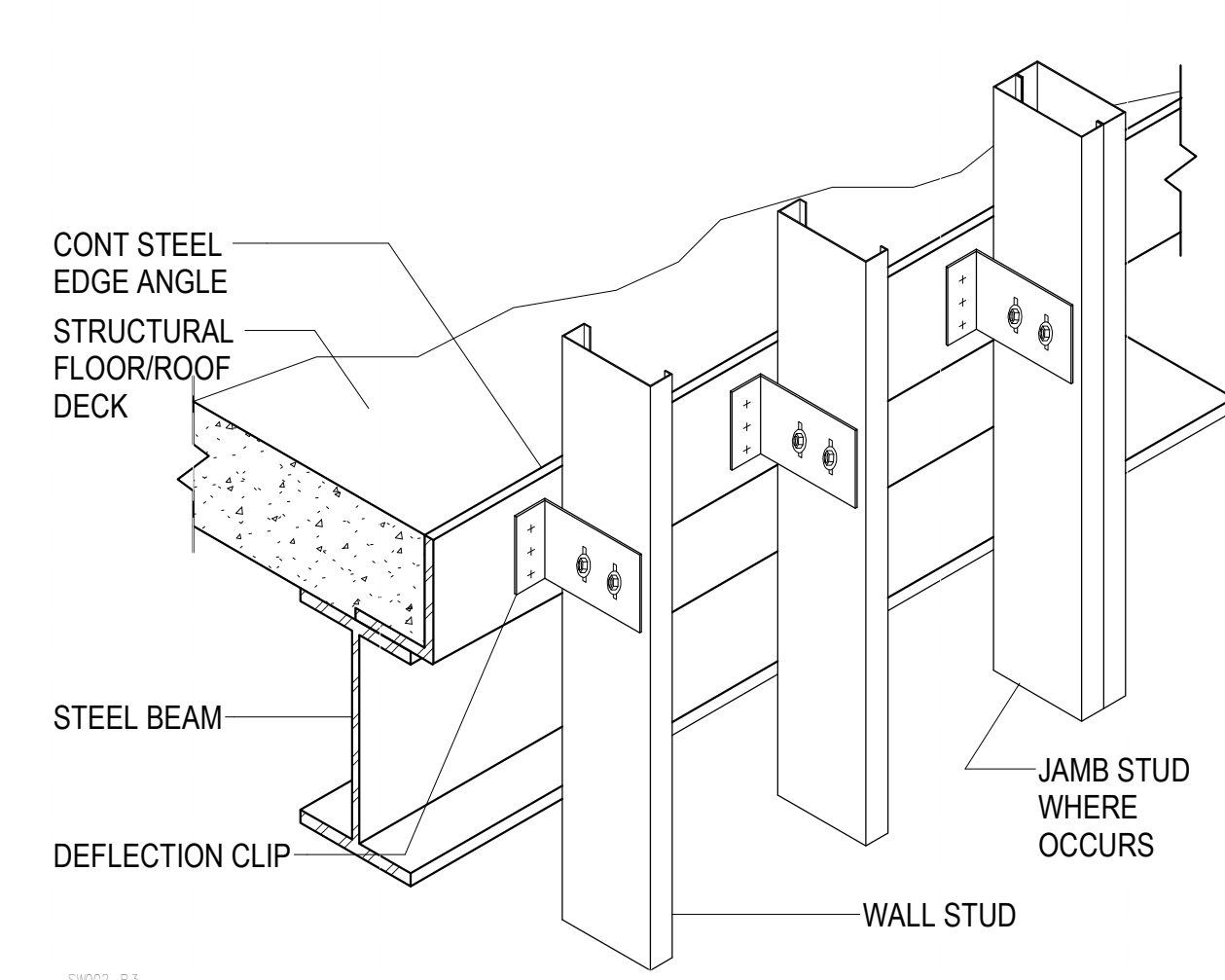
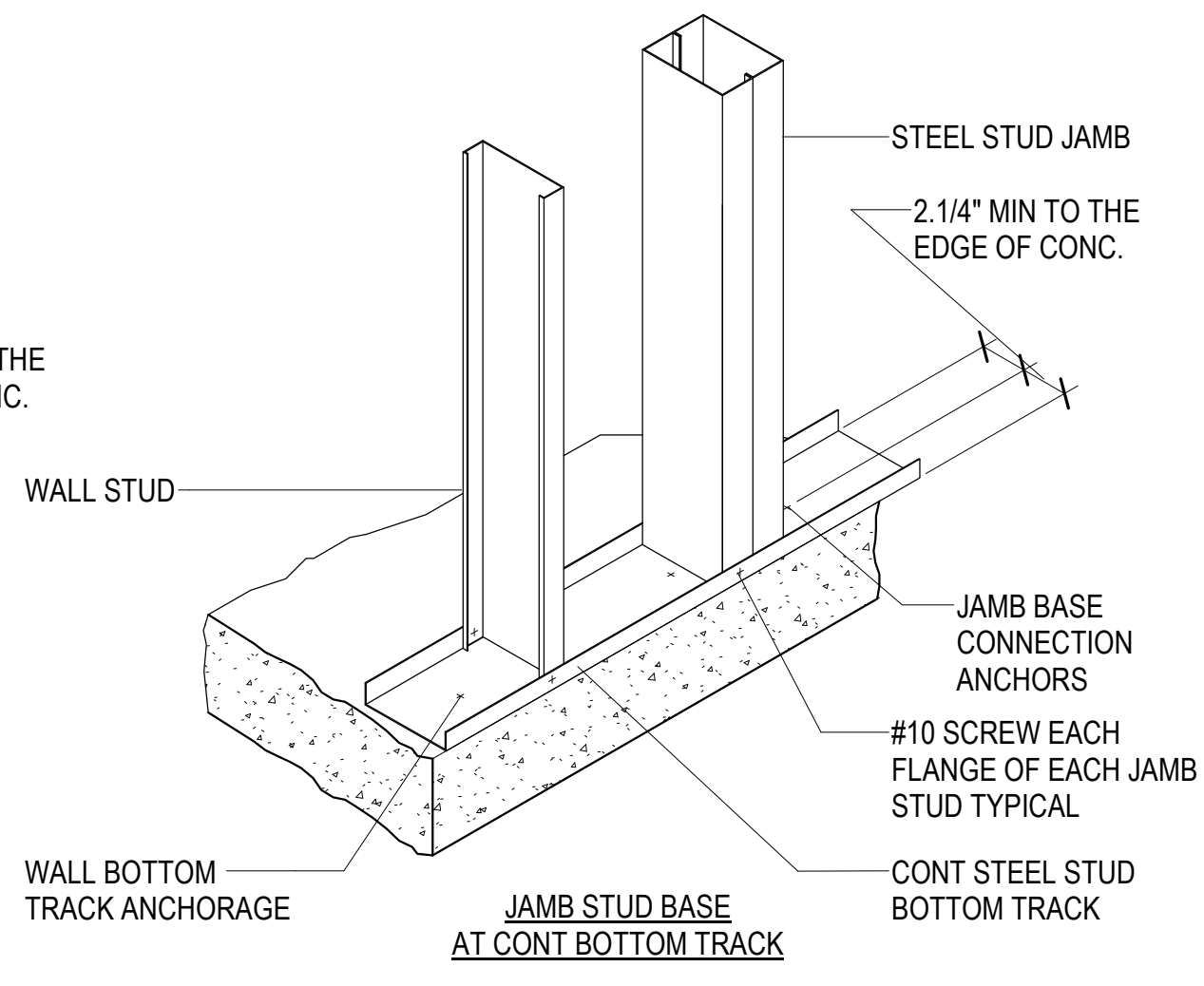
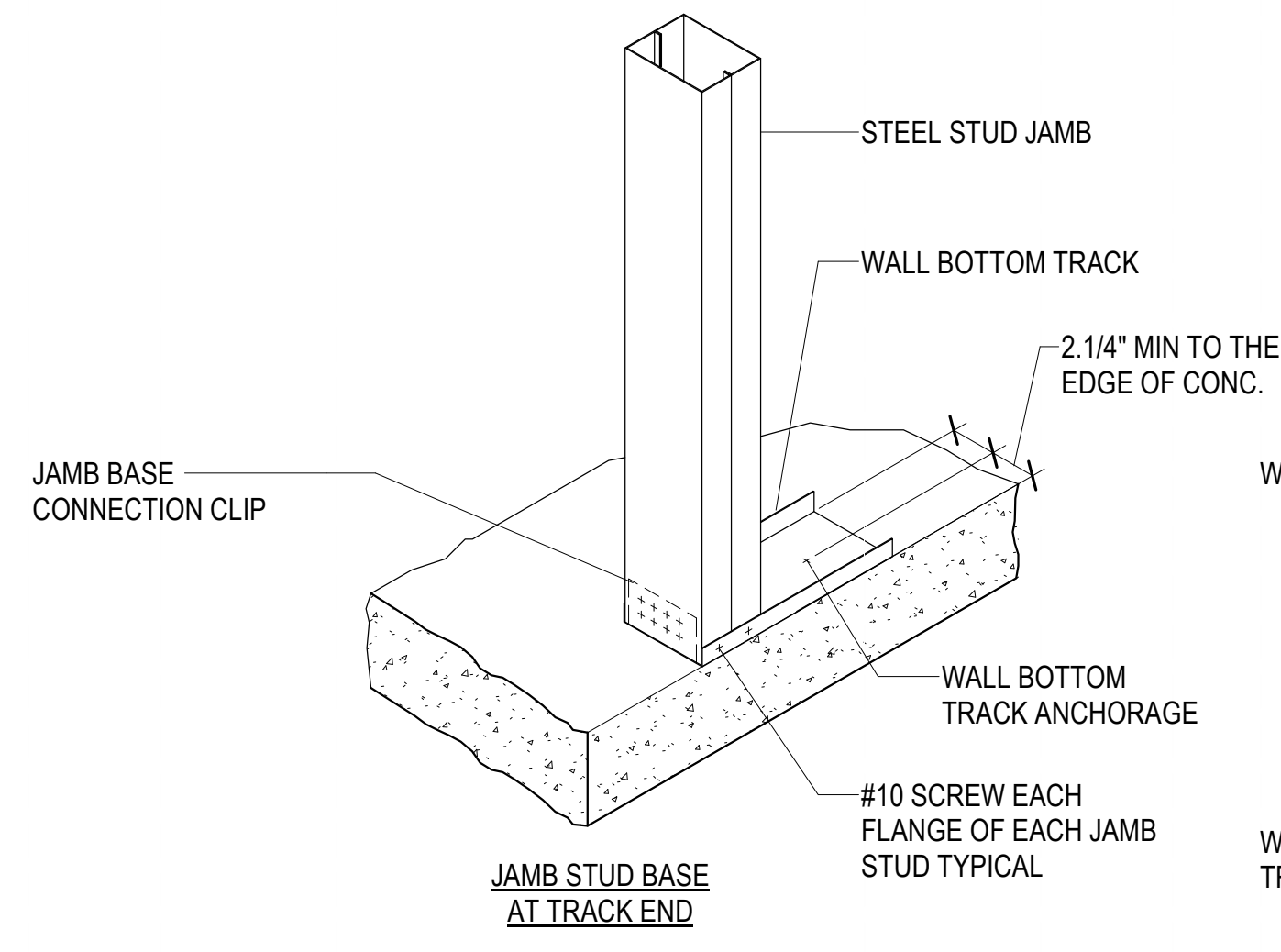
A5 NEW STEEL BEAM TO EXISTING COLUMN
SF503 NO SCALE

NO.	DATE	DESCRIPTION

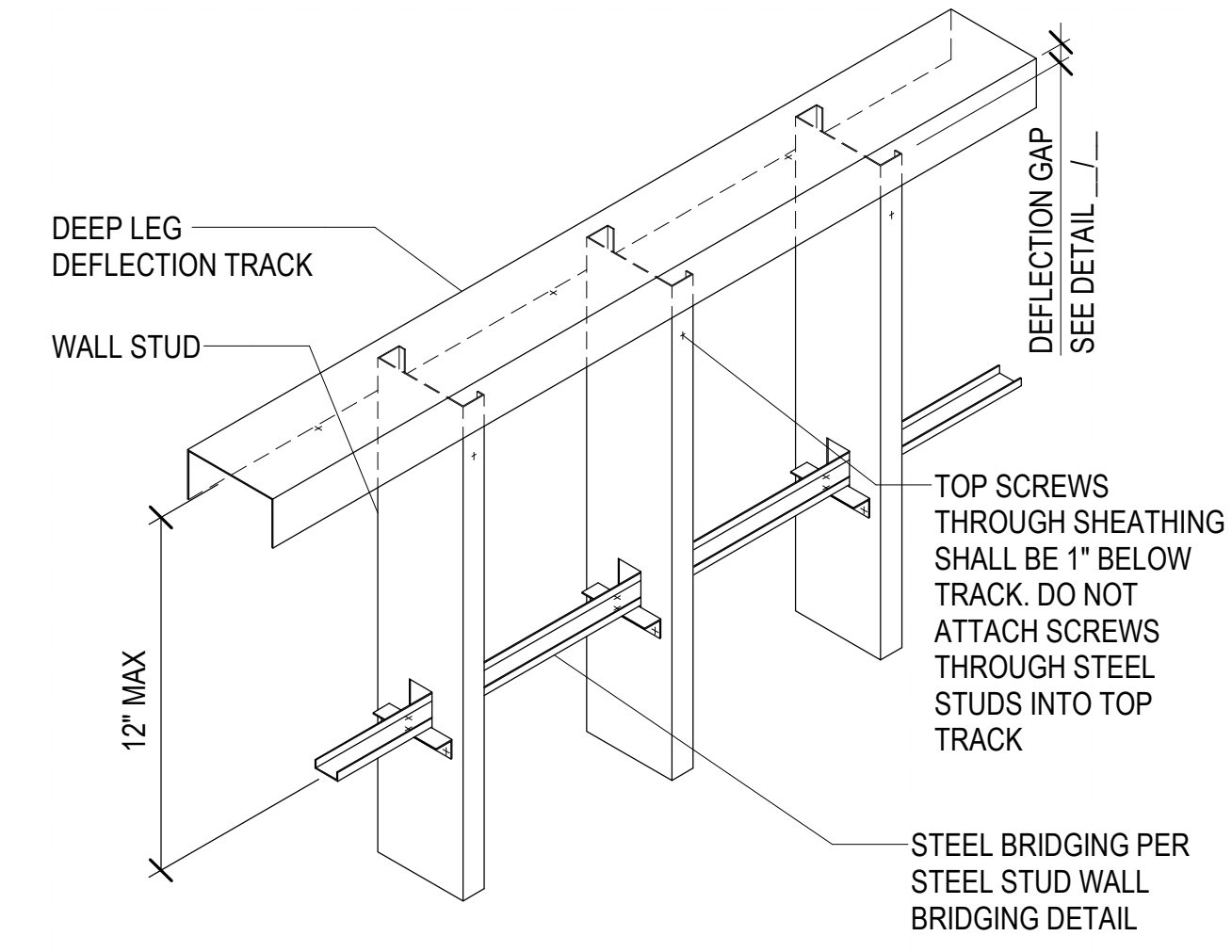
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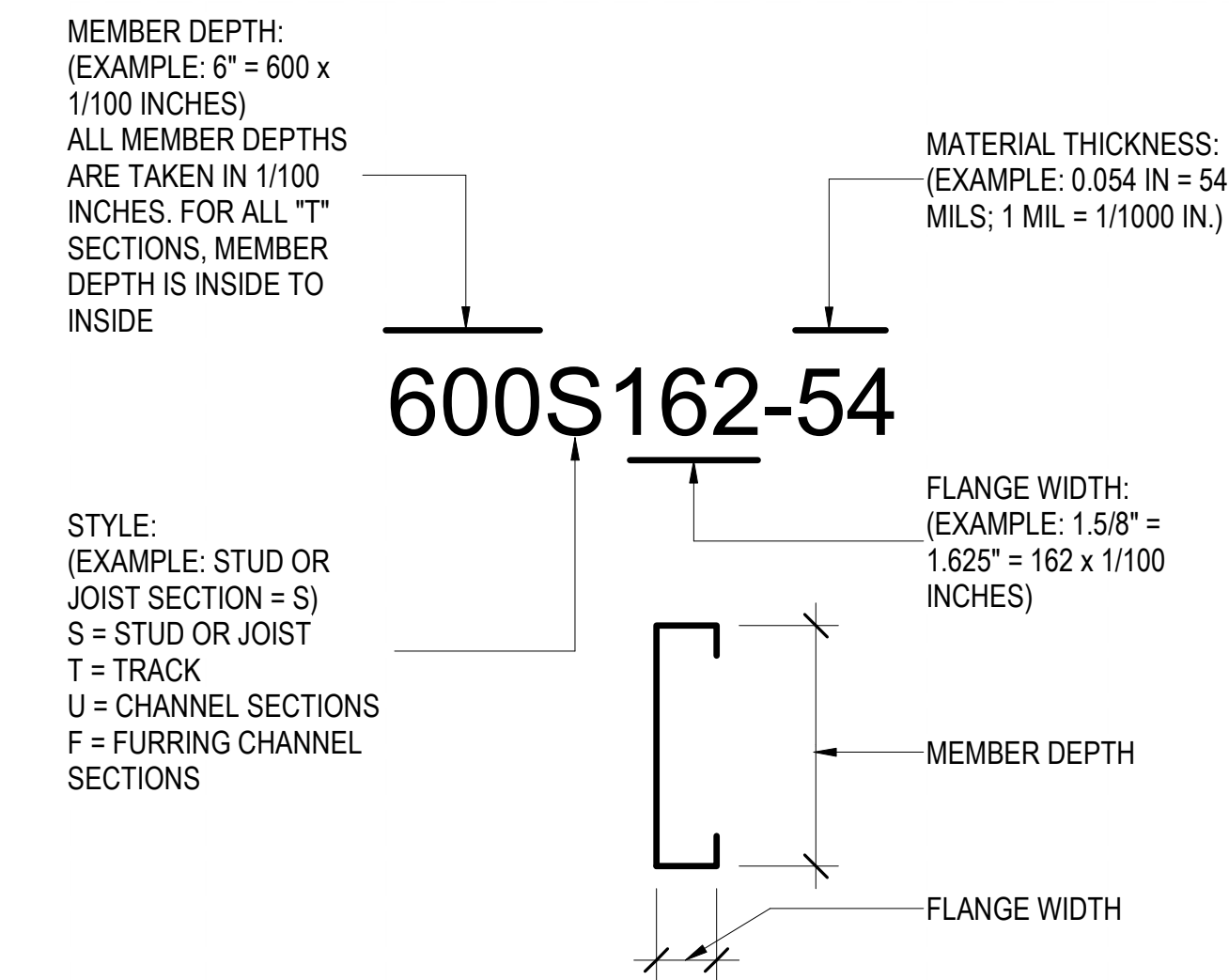
D1
SF505
TYPICAL BOTTOM TRACK ANCHORAGE DETAILS
NO SCALE



D4
SF505
TYPICAL STEEL STUD WALL BYPASS W/ VERTICAL DEFLECTION
NO SCALE



D5
SF505
TYPICAL STEEL STUD WALL DEFLECTION TRACK ASSEMBLY DETAIL - SINGLE TRACK
NO SCALE



C5
SF505
STEEL STUD MANUFACTURERS ASSOCIATION - NOMENCLATURE
NO SCALE



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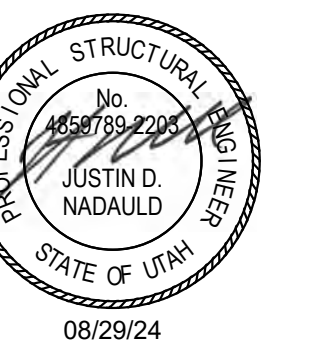


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MHTN PROJECT NO. 2024528

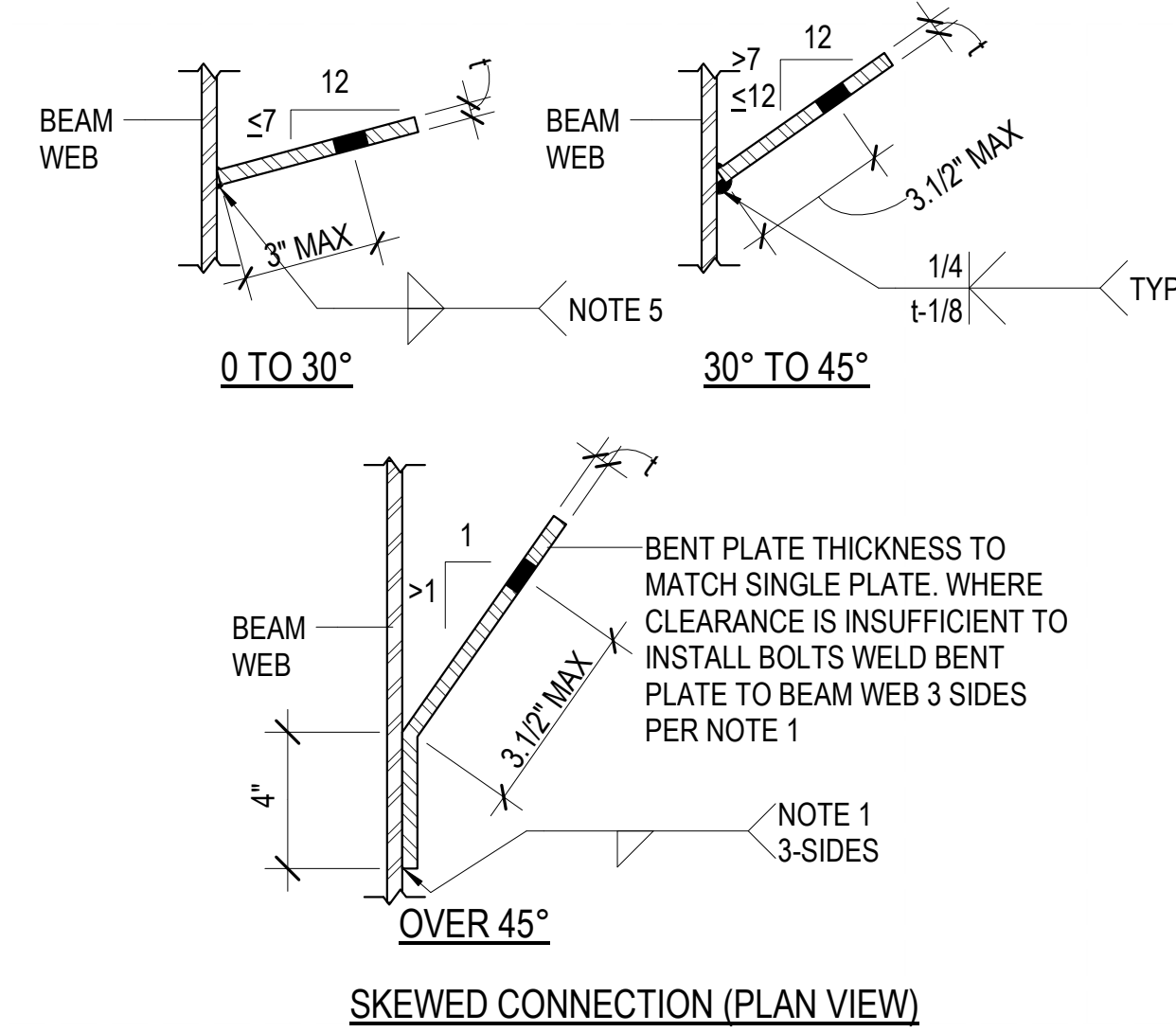
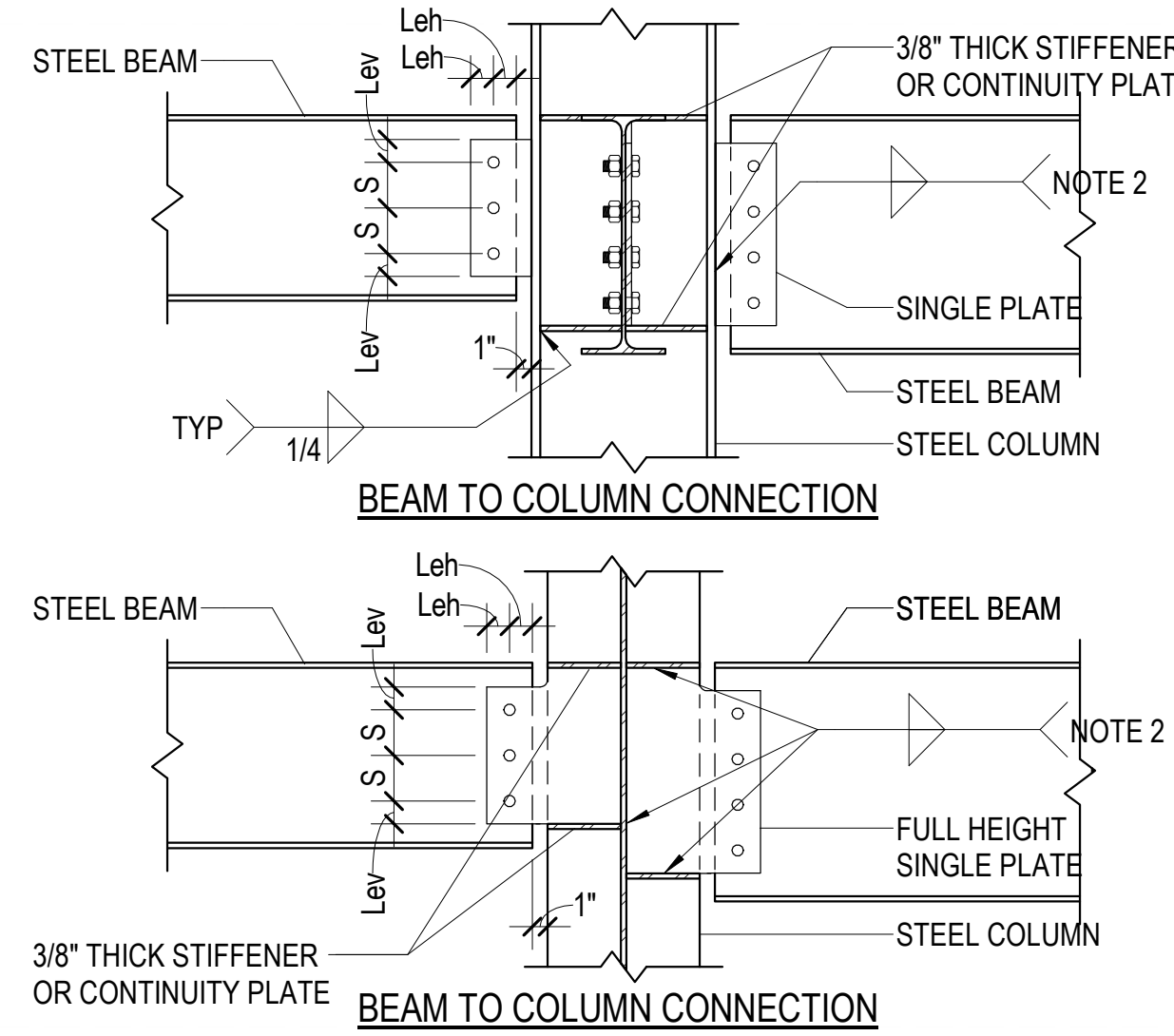
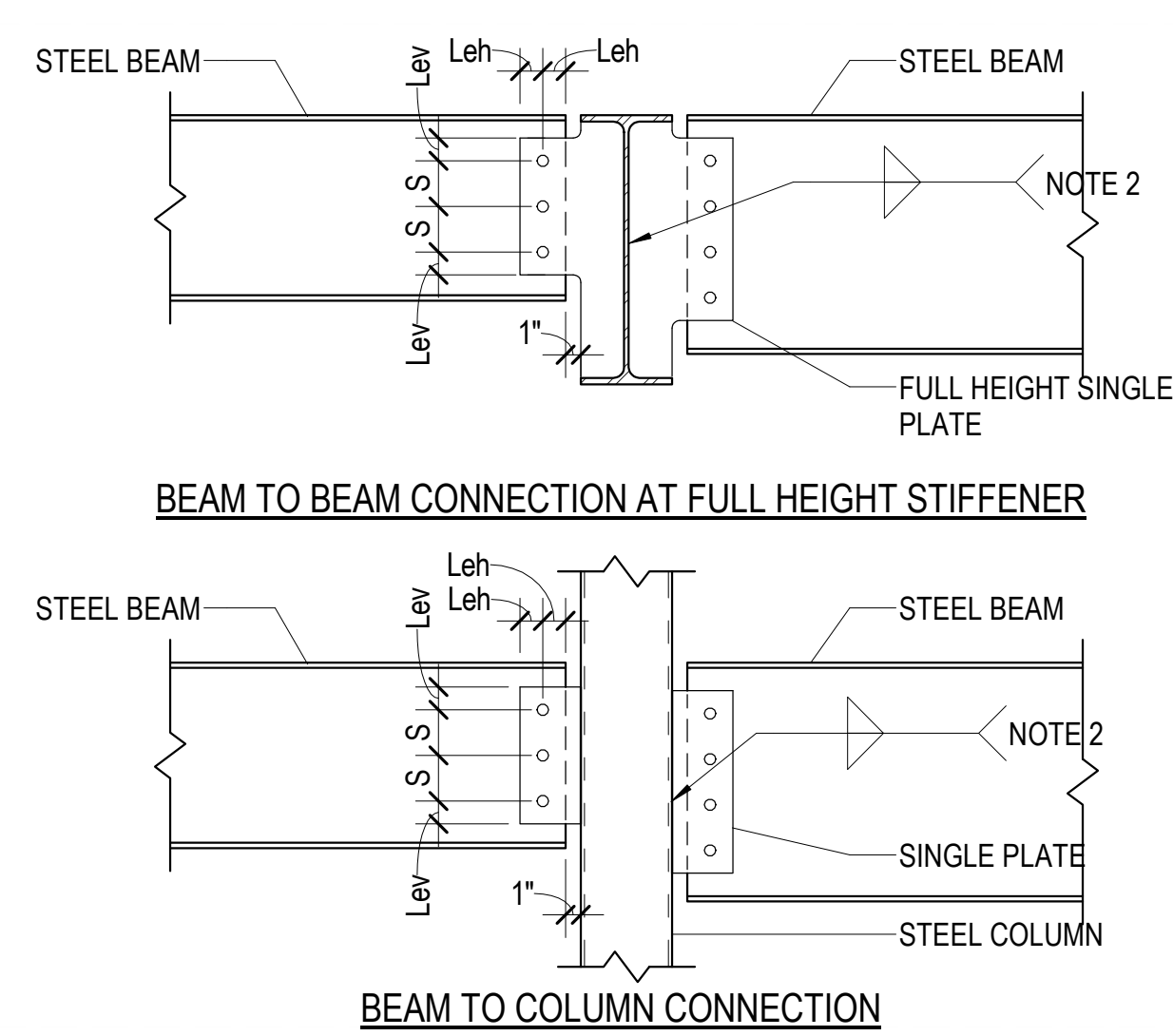
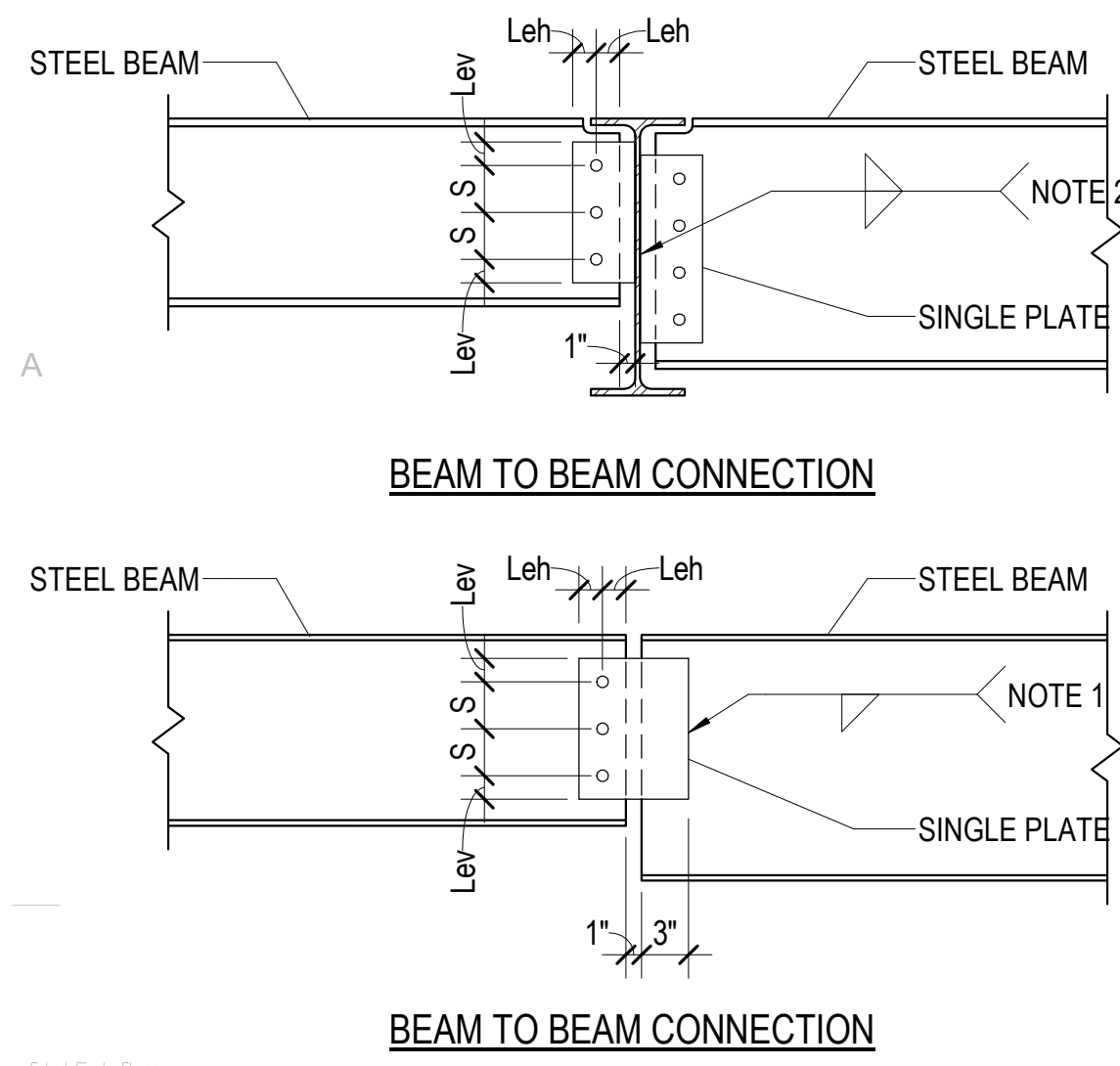
Original drawing is 36 x 42. Do not scale contents of this drawing.

NO.	DATE	DESCRIPTION

ISSUE
CONSTRUCTION DOCUMENTS
08/29/24

SHEET NAME
EXTERIOR STEEL STUD DETAILS

SHEET NUMBER
SF505



SINGLE PLATE CONNECTION SCHEDULE			
BEAM SIZE	WEB PLATE THICKNESS (t)	A325N BOLTS	
		NUMBER	SIZE
W8 AND W10	3/8"	2	7/8"Ø
W12 AND W14	3/8"	3	7/8"Ø
W16	3/8"	4	7/8"Ø
W18 AND W21	3/8"	5	7/8"Ø
W24	3/8"	6	7/8"Ø
W27	3/8"	7	7/8"Ø
W30	3/8"	8	7/8"Ø
W33	3/8"	9	7/8"Ø
W36	3/8"	10	7/8"Ø
W40	3/8"	11	7/8"Ø
W44	3/8"	12	7/8"Ø

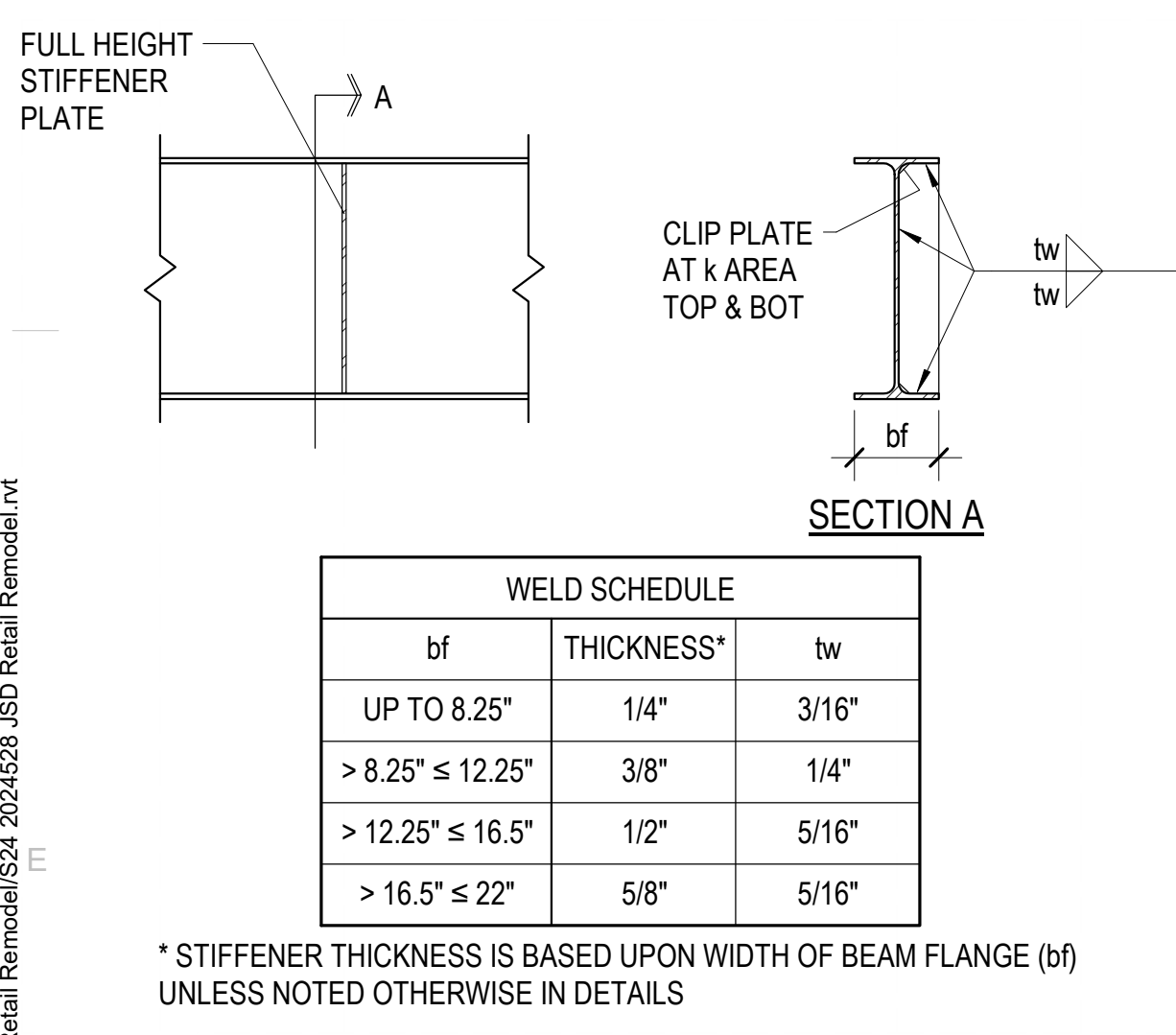
NOTES:
 1. FILLET WELDS ONE SIDE SHALL EQUAL THE PLATE THICKNESS MINUS 1/16" (1/4" MIN.)
 2. FILLET WELDS TWO SIDES SHALL BE 5/8 THE PLATE THICKNESS (1/4" MIN.) EACH SIDE
 3. BOLT EDGE DISTANCE SHALL BE AS FOLLOWS: LeV = 2 x BOLT DIAMETER; Lev = 1.1/2"
 4. BOLT SPACING (S) SHALL BE 3"
 5. AT SKEWED JOINTS PROVIDE AN EQUIVALENT LEG SIZE TO NOTE 2 PER AISC D1.1
 6. PROVIDE SHORT SLOTTED HOLES WHEN 6 OR MORE BOLTS ARE REQUIRED AND BOLT DIAMETER IS ≤ 3/4"

D1 TYPICAL SINGLE PLATE CONNECTION DETAILS AND SCHEDULE
 SF601 NO SCALE

B

C

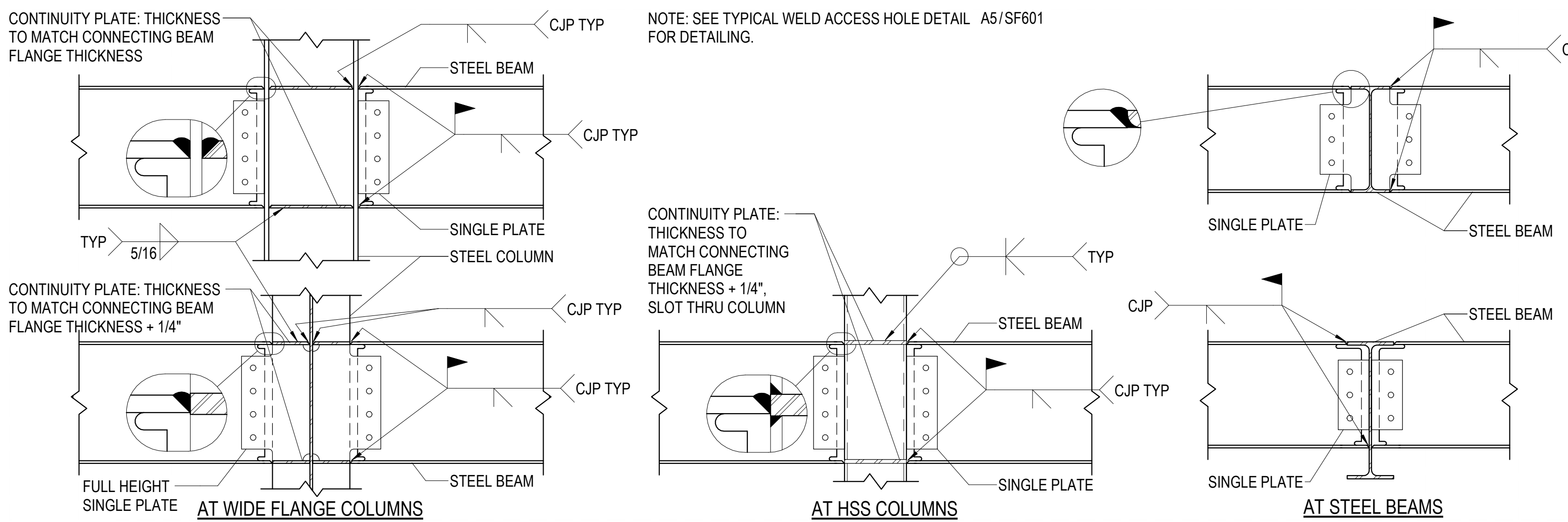
D



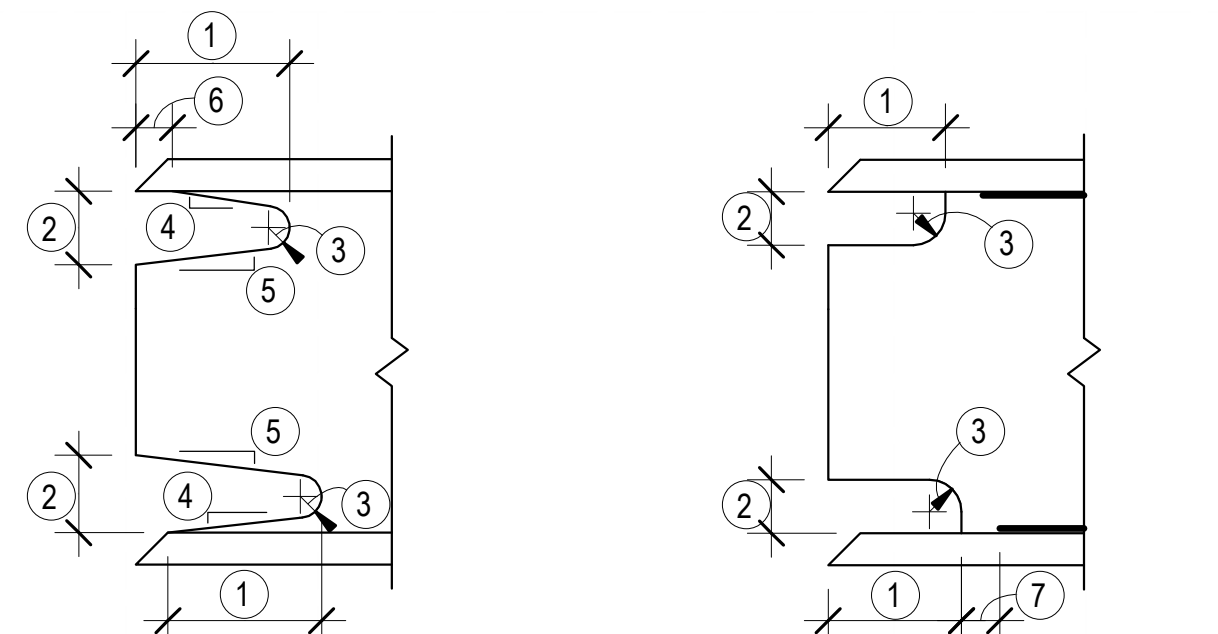
WELD SCHEDULE		
bf	THICKNESS*	tw
UP TO 8.25"	1/4"	3/16"
> 8.25" ≤ 12.25"	3/8"	1/4"
> 12.25" ≤ 16.5"	1/2"	5/16"
> 16.5" ≤ 22"	5/8"	5/16"

* STIFFENER THICKNESS IS BASED UPON WIDTH OF BEAM FLANGE (bf) UNLESS NOTED OTHERWISE IN DETAILS

A1 TYPICAL STIFFENER PLATE DETAIL
 SF601 NO SCALE



A2 TYPICAL GRAVITY BEAM MOMENT CONNECTION
 SF601 NO SCALE



A5 TYPICAL WELD ACCESS HOLE DETAIL
 SF601 NO SCALE

- NOTES:
- LENGTH: NOT LESS THAN THE GREATER OF 1.5 x WEB THICKNESS OR 1.1/2"
 - HEIGHT: NOT LESS THAN THE GREATER OF 1.0 x WEB THICKNESS OR 3/4" BUT NEED NOT EXCEED 2"
 - RADIUS: 3/8" MIN. GRIND THE THERMALLY CUT SURFACES OF WELD ACCESS HOLES IN HEAVY SHAPES AS DEFINED IN AISC 360-16 SECTIONS A3.1(c) AND (d).
 - SLOPE FORMS A TRANSITION FROM WEB TO THE FLANGE.
 - SLOPE MAY BE HORIZONTAL.
 - THE BOTTOM OF THE TOP FLANGE IS TO BE CONTOURED TO PERMIT THE TIGHT FIT BACKING BARS WHERE THEY ARE TO BE USED.
 - THE WEB-TO-FLANGE WELD OF BUILT-UP MEMBERS IS TO BE HELD BACK A DISTANCE OF AT LEAST THE WELD SIZE FROM THE EDGE OF THE ACCESS HOLE.



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Professional Engineer Seal:
 JUSTIN D. MADDALE
 STATE OF UTAH
 08/29/24

MHTN PROJECT NO. 2024528

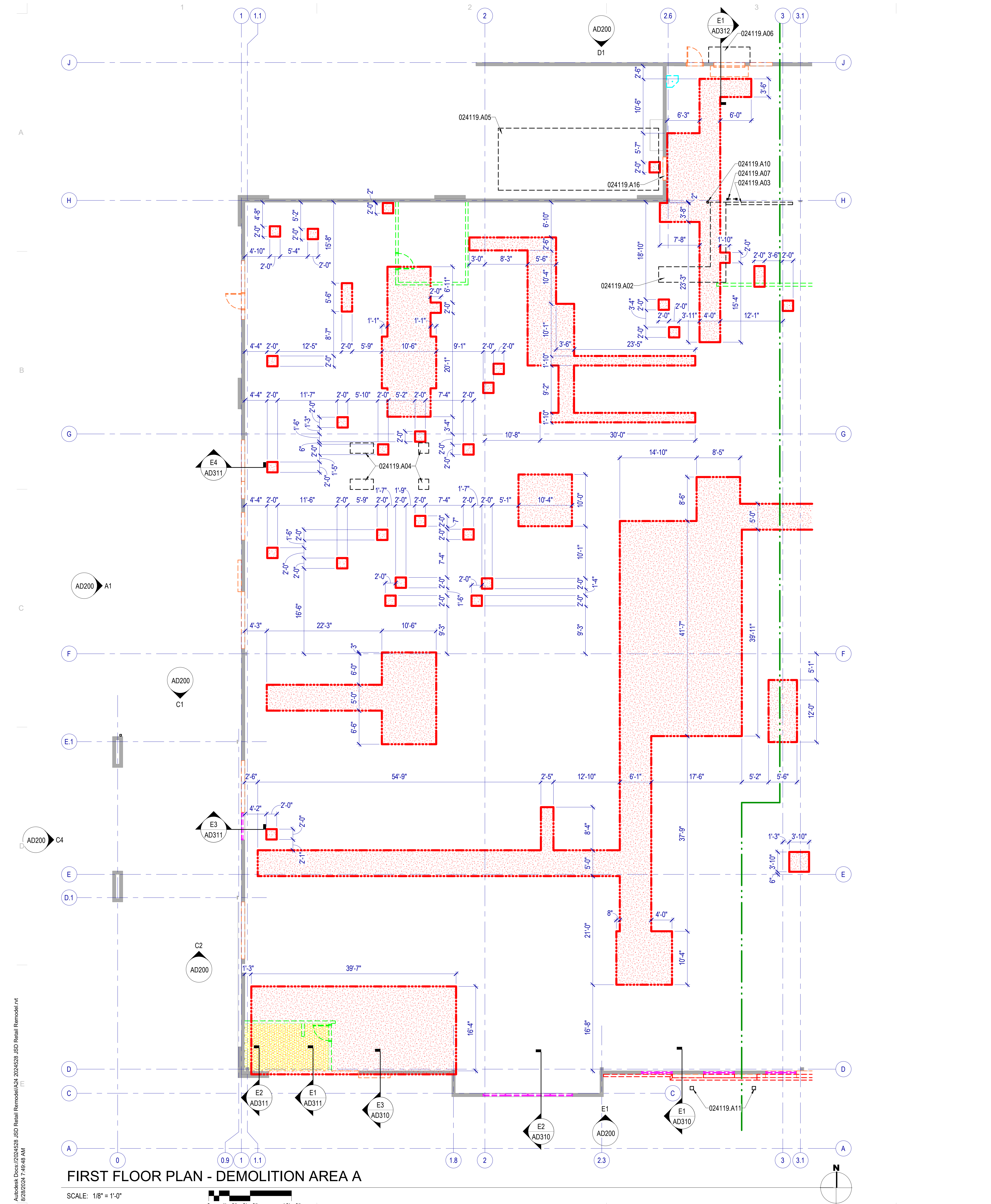
Original drawing is 36 x 42. Do not scale contents of this drawing.

NO.	DATE	DESCRIPTION

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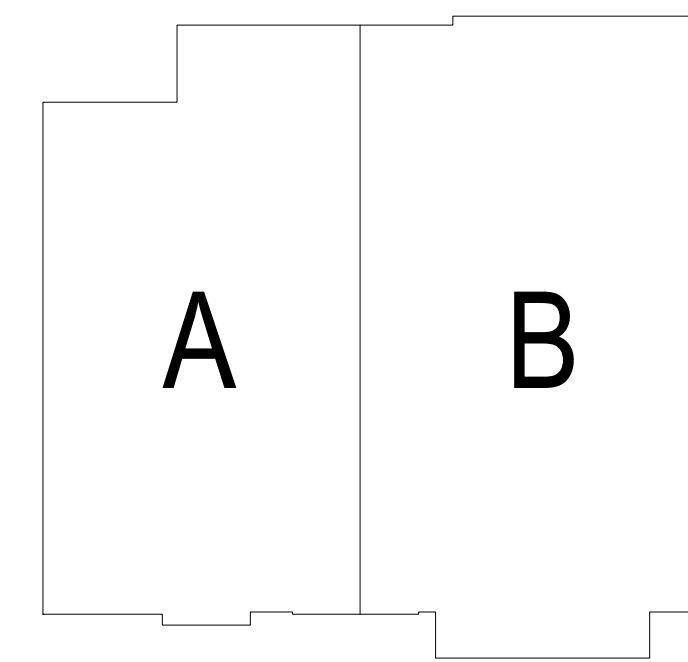
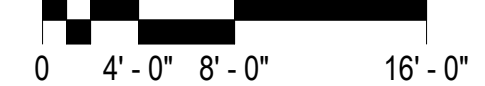
SHEET NAME: **TYPICAL STEEL FRAMING SCHEDULES**

SHEET NUMBER: **SF601**



FIRST FLOOR PLAN - DEMOLITION AREA A

SCALE: 1/8" = 1'-0"



KEY PLAN

DEMOLITION GENERAL NOTES

- Existing Conditions:** Verify existing site and building conditions including but not limited to underground utilities and service lines, irrigation lines, sub-surface structures and all other existing construction both above and below grade.
- Protection:** Protect existing construction to remain from damage during demolition and new construction work. Repair any damage resulting from this work.
- Protect in-place, existing mechanical, plumbing and electrical systems above ceilings that are not shown to be removed. This includes, but is not limited to: network cabling, coax cabling, conduits, piping, ductwork, etc.
- When removing concrete slabs on grade, take all necessary precautions to protect electrical lines in or under those slabs.
- Site Access:** Coordinate phased access to the site with the Owner, including times of restricted access.
- Coordination:** Coordinate extent of walls to be removed with architectural floor plan(s).
- Masonry Walls:** Where masonry walls are demolished, clean and repair newly exposed surfaces to match adjacent wall finish.
- Salvage:** Review with the owner, casework, furniture, equipment and wall mounted display surfaces left behind after owner move out, that are not shown on drawings. Identify as either salvage or to be disposed of by contractor.
- Verify that existing equipment that is to remain, to be salvaged or to be re-installed, is in working condition. Provide written documentation to the Owner for any items that are not in working condition before beginning work in the area.

LEGEND - DEMOLITION

- | | | | |
|--------------------|---|---------------------|---|
| [Grey Box] | AREA OF NO WORK | [Dashed Orange Box] | MASONRY WALLS OR PORTION THERE OF TO BE DEMOLISHED |
| [Solid Blue Line] | EXISTING ITEM TO REMAIN | [Dashed Green Box] | METAL STUD WALL WITH GYPSUM BOARD ASSEMBLY TO BE DEMOLISHED |
| [Solid Green Line] | EXISTING WALL TO REMAIN | [Dashed Purple Box] | METAL STUD WALL WITH EIFS ASSEMBLY TO BE DEMOLISHED |
| [Solid Red Line] | EXISTING DOOR TO REMAIN | [Dashed Yellow Box] | REMOVE DOOR & FRAME |
| [Solid Blue Line] | EXISTING WINDOW TO REMAIN | [Dashed Orange Box] | REMOVE OVERHEAD DOOR & ACCESSORIES |
| [Solid Green Line] | EXISTING MOP SINK | [Dashed Purple Box] | EXISTING GLAZING SYSTEM TO BE DEMOLISHED |
| [Solid Yellow Box] | EXISTING SLAB AND FLOOR FINISH TO REMAIN | [Dashed Orange Box] | REMOVE CONCRETE CURB & BOLLARDS TO BE DEMOLISHED |
| [Yellow Box] | EXISTING TILE FLOORING TO BE DEMOLISHED, COORDINATE WITH ELECTRICAL AND PLUMBING PLANS WHERE PLUMBING AND ELECTRICAL CONNECTIONS ARE REQUIRED | [Dashed Blue Box] | EXISTING PLUMBING FIXTURE TO BE DEMOLISHED |
| [Dotted Red Box] | AREA OF ROOF ASSEMBLY AND METAL DECK TO BE DEMOLISHED, COORDINATE OPENING LOCATIONS AND SIZES WITH A120 | [Dashed Green Box] | EXISTING ITEMS TO BE DEMOLISHED, SEE KEYNOTES |
| [Dotted Green Box] | EXISTING RTU SUPPORTS TO BE DEMOLISHED, RE: E5/AD120 | [Dashed Green Box] | |

NOTE: WHERE WALLS AND OTHER ITEMS ARE SHOWN WITH DASHED LINES, WHETHER KEYNOTED OR NOT, REMOVE THESE ITEMS TO THE EXTENT INDICATED AND AS REQUIRED BY NEW CONSTRUCTION.

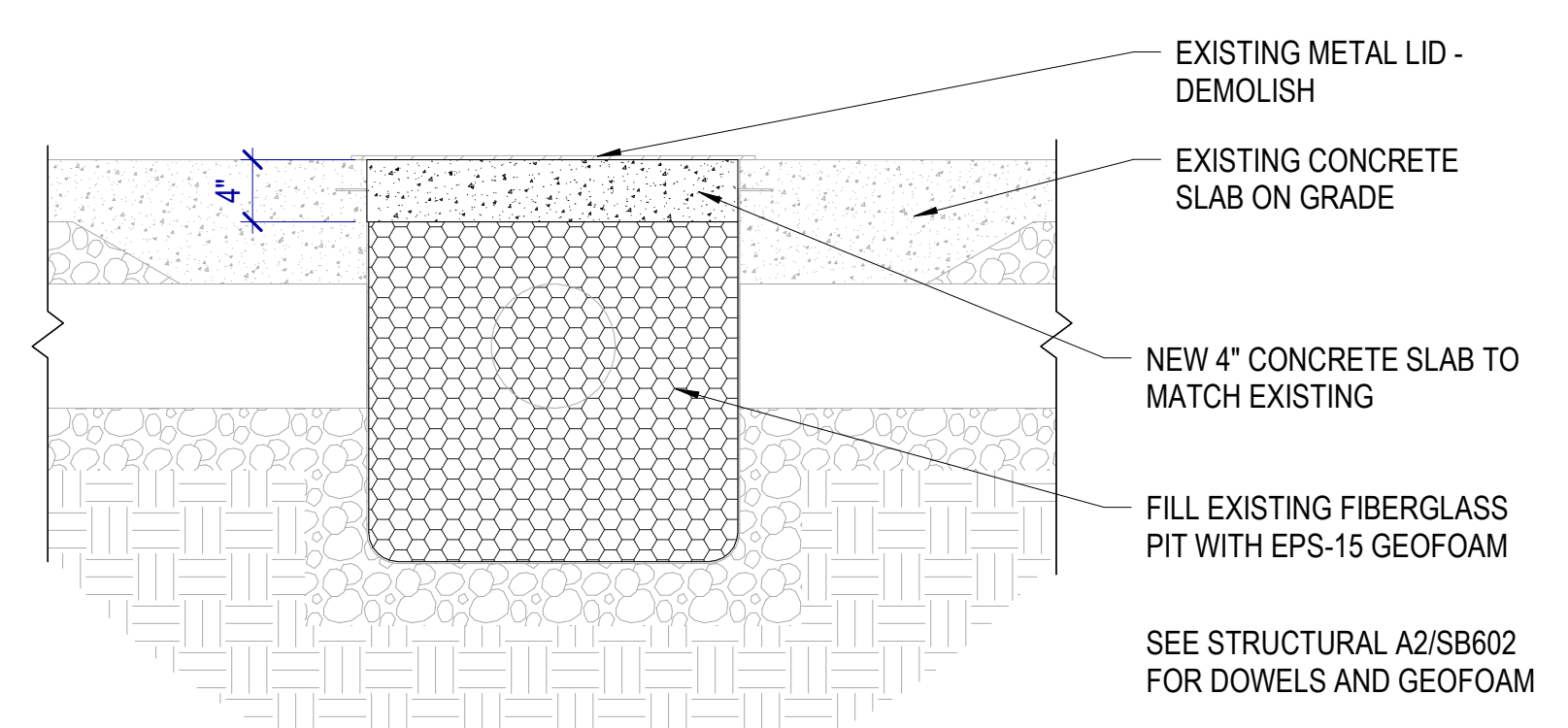
KEYNOTES

- | | |
|------------|--|
| 024119.A02 | DEMOLISH CONCRETE HOUSEKEEPING PAD |
| 024119.A03 | DEMOLISH CONCRETE CURB |
| 024119.A04 | REFRIGERATION PIT - SEE DETAIL E5/AD101A |
| 024119.A05 | DEMOLISH TRASH COMPACTOR |
| 024119.A06 | DEMOLISH METAL AWNING |
| 024119.A07 | DEMOLISH EXISTING ROOF LADDER |
| 024119.A10 | DEMOLISH EXISTING BOLLARD |
| 024119.A11 | DEMOLISH EXISTING CANOPY AND SUPPORTS |
| 024119.A16 | DEMOLISH TRASH COMPACTOR DOOR |



EXISTING REFRIGERATION PITS INFILL

SCALE: 1" = 1'-0"



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MHTN PROJECT NO: 2024528

Original Drawing is 30 x 42. Do not scale contents of the drawing.

REVISIONS:		
NO.	DATE	DESCRIPTION

ISSUE: CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

DEMOLITION PLAN - AREA A

AD101A

DEMOLITION GENERAL NOTES

Existing Conditions: Verify existing site and building conditions including but not limited to underground utilities and service lines, irrigation lines, sub-surface structures and all other existing construction both above and below grade.

Protection: Protect existing construction to remain from damage during demolition and new construction work. Repair any damage resulting from this work.

Protect in-place, existing mechanical, plumbing and electrical systems above ceilings that are not shown to be removed. This includes, but is not limited to: network cabling, coax cabling, conduits, piping, ductwork, etc.

When removing concrete slabs on grade, take all necessary precautions to protect electrical lines in or under those slabs.

Site Access: Coordinate phased access to the site with the Owner, including times of restricted access.

Coordination: Coordinate extent of walls to be removed with architectural floor plan(s).

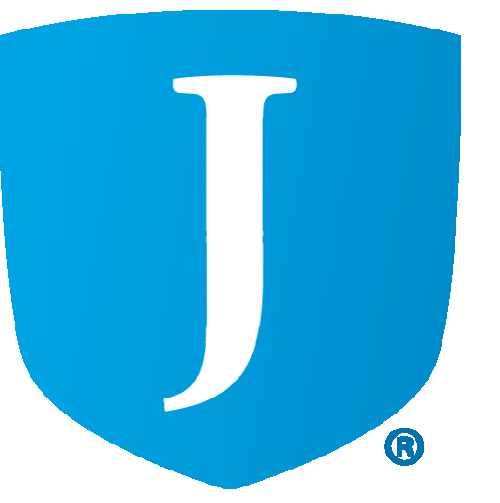
Masonry Walls: Where masonry walls are demolished, clean and repair newly exposed surfaces to match adjacent wall finish.

Salvage: Review with the owner, casework, furniture, equipment and wall mounted display surfaces left behind after owner move out, that are not shown on drawings. Identify as either salvage or to be disposed of by contractor.

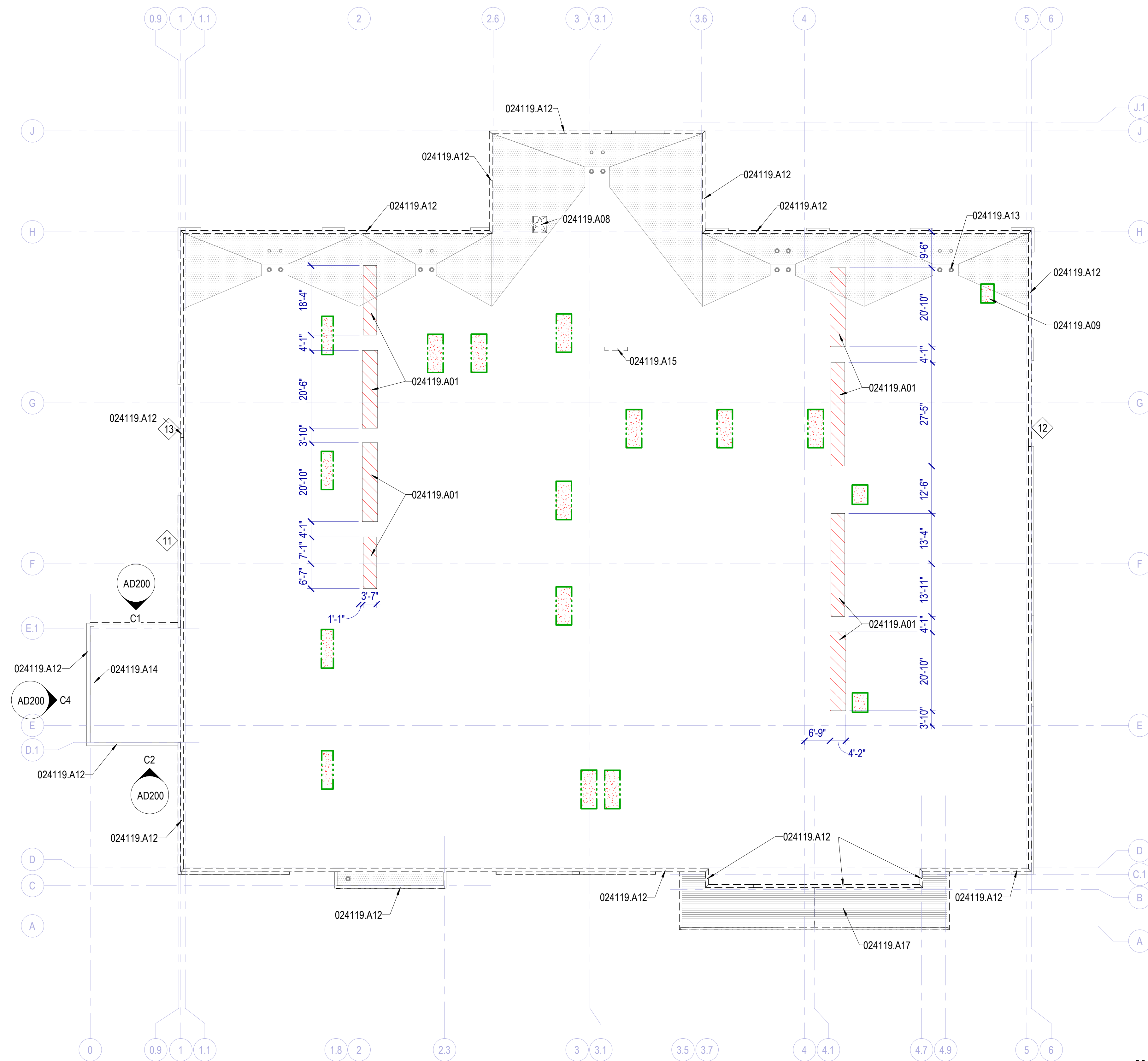
Verify that existing equipment that is to remain, to be salvaged or to be re-installed, is in working condition. Provide written documentation to the Owner for any items that are not in working condition before beginning work in the area.



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LEGEND - DEMOLITION

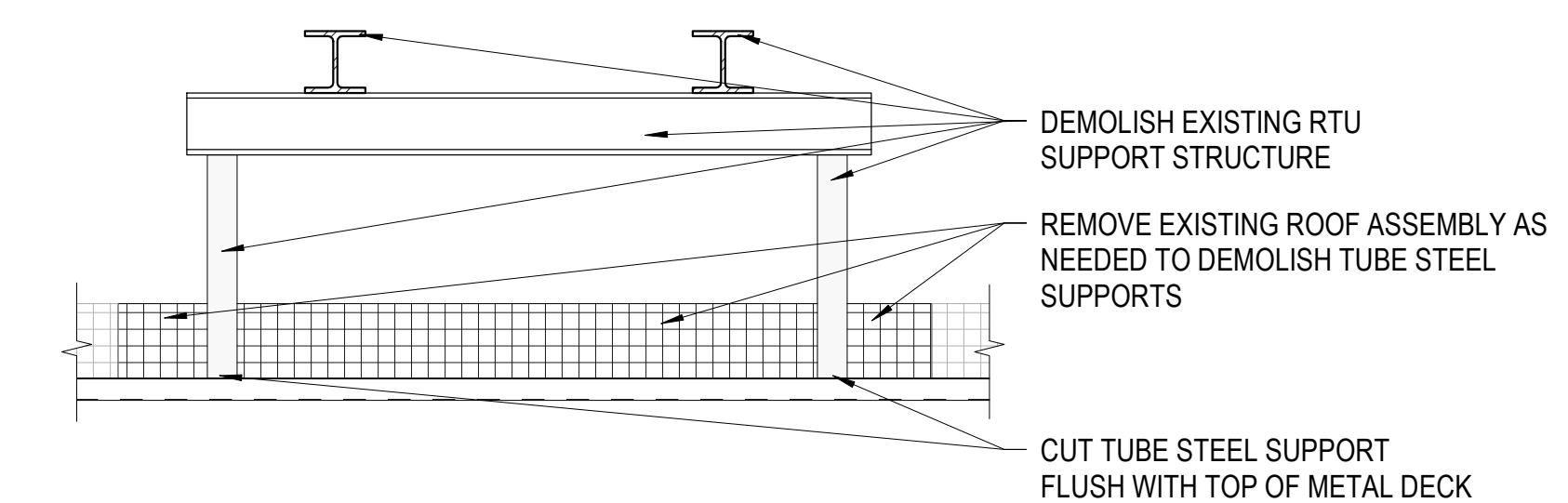
- AREA OF NO WORK
- EXISTING ITEM TO REMAIN
- EXISTING WALL TO REMAIN
- EXISTING DOOR TO REMAIN
- EXISTING WINDOW TO REMAIN
- EXISTING MOP SINK
- EXISTING SLAB AND FLOOR FINISH TO REMAIN
- EXISTING TILE FLOORING TO BE DEMOLISHED
- AREA OF SLAB ON GRADE TO BE DEMOLISHED, COORDINATE WITH ELECTRICAL AND PLUMBING PLANS WHERE PLUMBING AND ELECTRICAL CONNECTIONS ARE REQUIRED
- AREA OF ROOF ASSEMBLY AND METAL DECK TO BE DEMOLISHED, COORDINATE OPENING LOCATIONS AND SIZES WITH A120
- EXISTING RTU SUPPORTS TO BE DEMOLISHED, RE: ES/AD120
- MASONRY WALLS OR PORTION THERE OF TO BE DEMOLISHED
- METAL STUD WALL WITH GYPSUM BOARD ASSEMBLY TO BE DEMOLISHED
- METAL STUD WALL WITH EIFS ASSEMBLY TO BE DEMOLISHED
- REMOVE DOOR & FRAME
- REMOVE OVERHEAD DOOR & ACCESSORIES
- EXISTING GLAZING SYSTEM TO BE DEMOLISHED
- EXISTING CONCRETE CURB & BOLLARDS TO BE DEMOLISHED
- EXISTING PLUMBING FIXTURE TO BE DEMOLISHED
- EXISTING ITEMS TO BE DEMOLISHED, SEE KEYNOTES

NOTE: WHERE WALLS AND OTHER ITEMS ARE SHOWN WITH DASHED LINES, WHETHER KEYNOTED OR NOT, REMOVE THESE ITEMS TO THE EXTENT INDICATED AND AS REQUIRED BY NEW CONSTRUCTION.

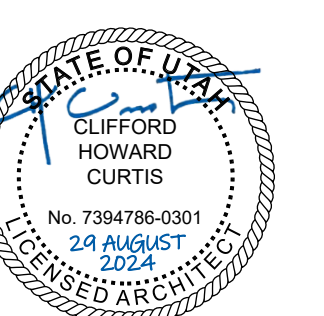
KEYNOTES

- 024119.A01 EXISTING RTU SUPPORTS - CUT SUPPORTS AT DECK, PATCH AND REPAIR ROOF ASSEMBLY, RE: ES/AD120
- 024119.A08 DEMOLISH EXISTING ROOF ACCESS HATCH - PATCH AND REPAIR EXISTING ROOF ASSEMBLY
- 024119.A09 DEMOLISH EXISTING ROOF ASSEMBLY IN THIS AREA FOR NEW ROOF HATCH
- 024119.A12 REMOVE EXISTING COPING FROM PARAPETS, TYP
- 024119.A13 DEMOLISH PLASTIC GRATING COVER OF ROOF DRAINS, TYP
- 024119.A14 REMOVE EXISTING UNISTRUT ATTACHED TO WALL
- 024119.A15 DEMOLISH EXISTING SATELLITE DISH
- 024119.A17 DEMOLISH EXISTING STANDING SEAM METAL ROOF

E5 EXISTING RTU SUPPORT STRUCTURE
SCALE: 1" = 1'-0"



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MHTN PROJECT NO: 2024528

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CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE.

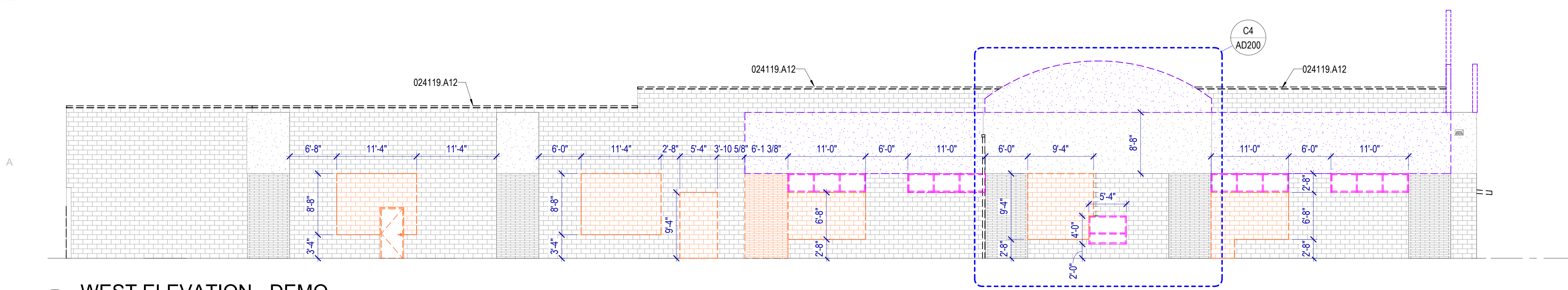
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AUGUST 29, 2024

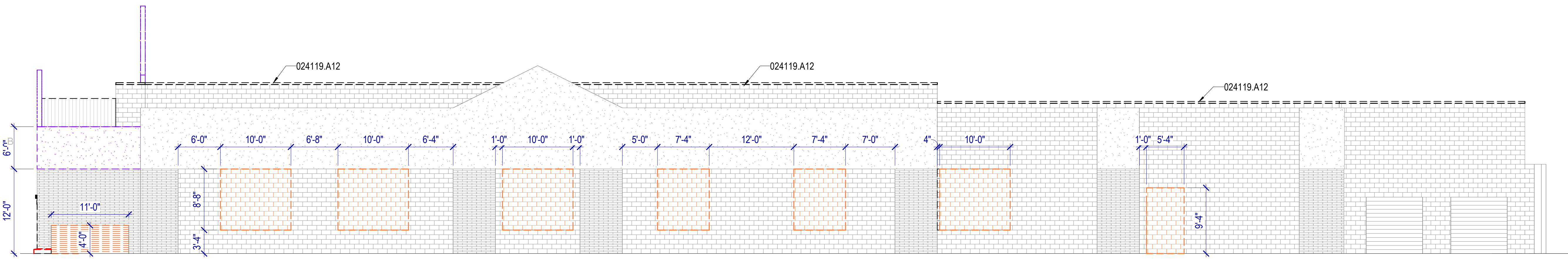
SHEET NAME: DEMOLITION ROOF PLAN

SHEET NUMBER: AD120



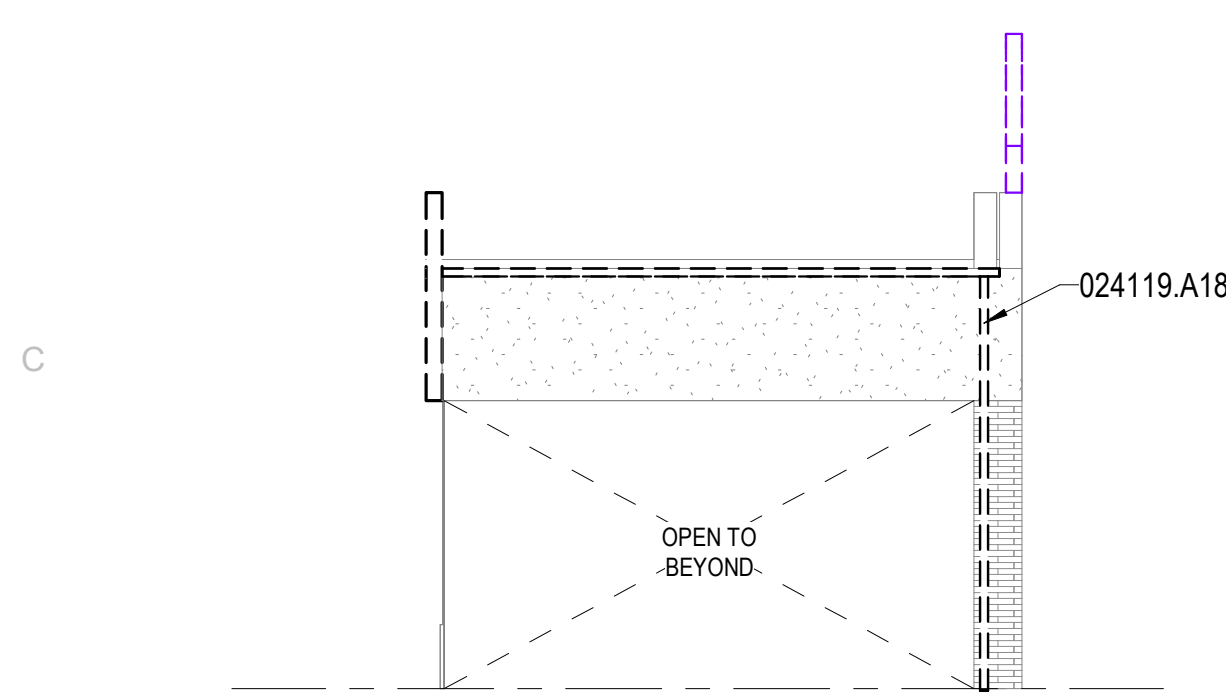
A1 WEST ELEVATION - DEMO

SCALE: 1/8" = 1'-0"



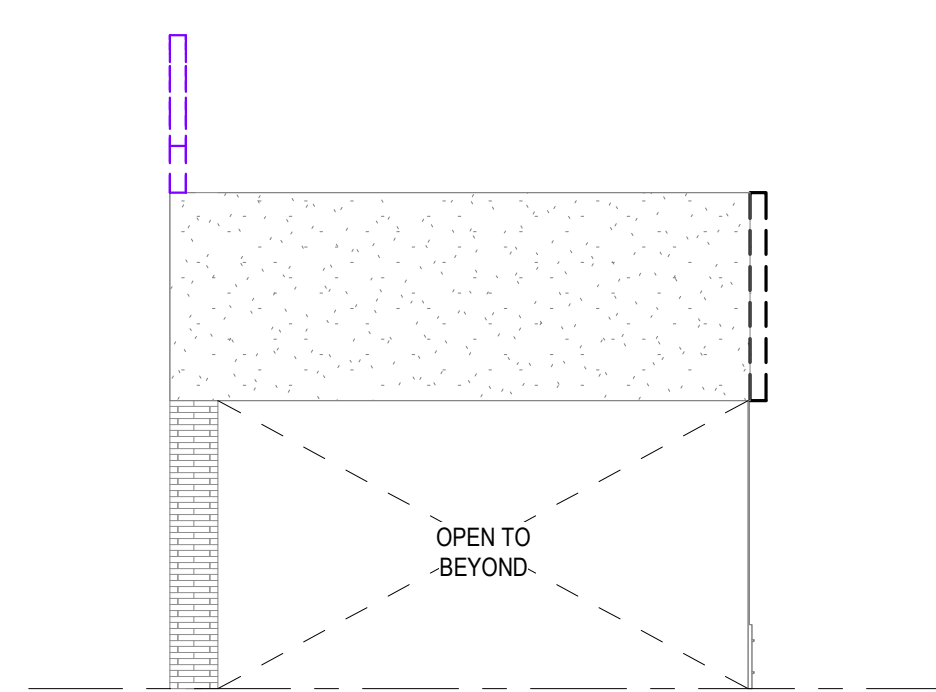
B1 EAST ELEVATION - DEMO

SCALE: 1/8" = 1'-0"



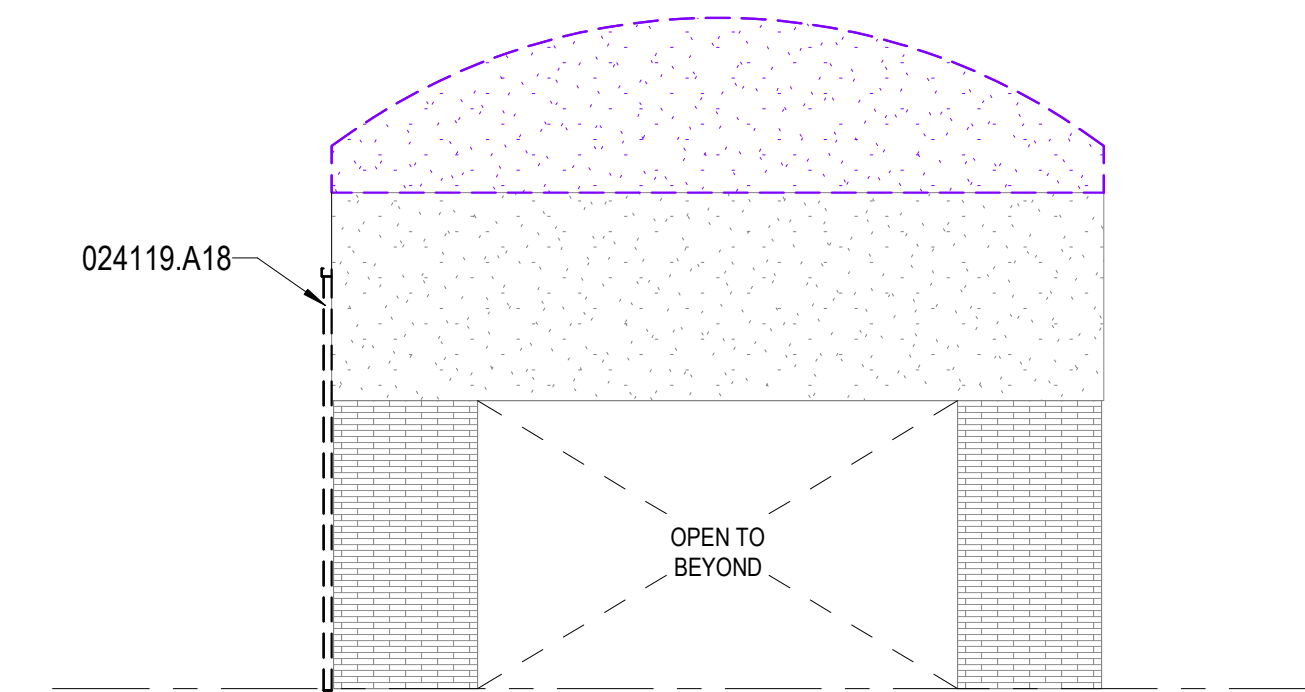
C1 DRIVE THRU NORTH ELEVATION - DEMO

SCALE: 1/8" = 1'-0"



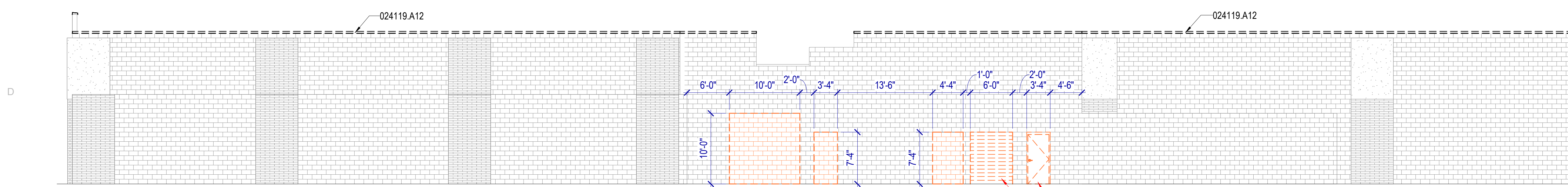
C2 DRIVE THRU SOUTH ELEVATION - DEMO

SCALE: 1/8" = 1'-0"



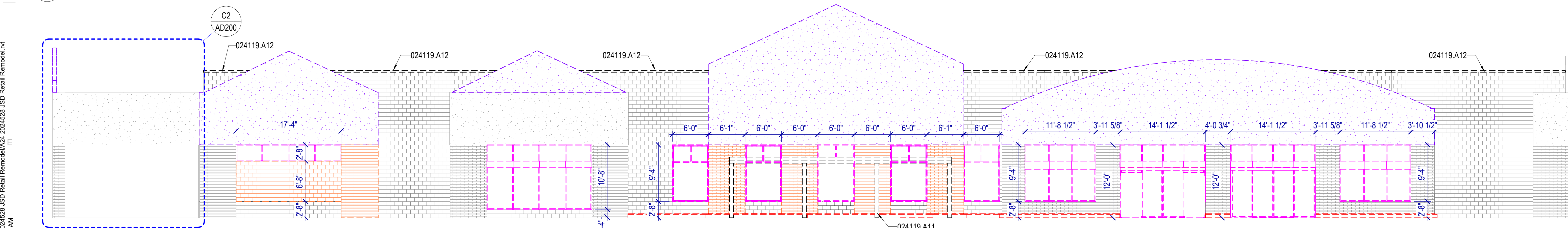
C4 DRIVE THRU WEST ELEVATION - DEMO

SCALE: 1/8" = 1'-0"



D1 NORTH ELEVATION - DEMO

SCALE: 1/8" = 1'-0"



E1 SOUTH ELEVATION - DEMO

SCALE: 1/8" = 1'-0"

DEMOLITION GENERAL NOTES

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LEGEND - DEMOLITION

- AREA OF NO WORK
- EXISTING ITEM TO REMAIN
- EXISTING WALL TO REMAIN
- EXISTING DOOR TO REMAIN
- EXISTING WINDOW TO REMAIN
- EXISTING MOP SINK
- EXISTING SLAB AND FLOOR FINISH TO REMAIN
- EXISTING TILE FLOORING TO BE DEMOLISHED
- AREA OF SLAB ON GRADE TO BE DEMOLISHED, COORDINATE WITH ELECTRICAL AND PLUMBING PLANS WHERE PLUMBING AND ELECTRICAL CONNECTIONS ARE REQUIRED
- AREA OF ROOF ASSEMBLY AND METAL DECK TO BE DEMOLISHED, COORDINATE OPENING LOCATIONS AND SIZES WITH A120
- EXISTING RTU SUPPORTS TO BE DEMOLISHED, RE: E5/AD120
- MASONRY WALLS OR PORTION THERE OF TO BE DEMOLISHED
- METAL STUD WALL WITH GYPSUM BOARD ASSEMBLY TO BE DEMOLISHED
- METAL STUD WALL WITH EIFS ASSEMBLY TO BE DEMOLISHED
- REMOVE DOOR & FRAME
- REMOVE OVERHEAD DOOR & ACCESSORIES
- EXISTING GLAZING SYSTEM TO BE DEMOLISHED
- EXISTING CONCRETE CURB & BOLLARDS TO BE DEMOLISHED
- EXISTING PLUMBING FIXTURE TO BE DEMOLISHED
- EXISTING ITEMS TO BE DEMOLISHED, SEE KEYNOTES

NOTE: WHERE WALLS AND OTHER ITEMS ARE SHOWN WITH DASHED LINES, WHETHER KEYNOTED OR NOT, REMOVE THESE ITEMS TO THE EXTENT INDICATED AND AS REQUIRED BY NEW CONSTRUCTION.

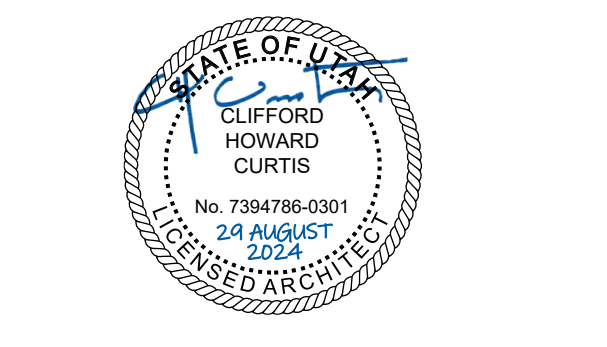
KEYNOTES

- 024119.A11 DEMOLISH EXISTING CANOPY AND SUPPORTS
- 024119.A12 REMOVE EXISTING COPING FROM PARAPETS, TYP
- 024119.A18 DEMOLISH GUTTER AND DOWNSPOUT



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ISSUE: CONSTRUCTION DOCUMENTS
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DEMOLITION - EXTERIOR ELEVATIONS

AD200

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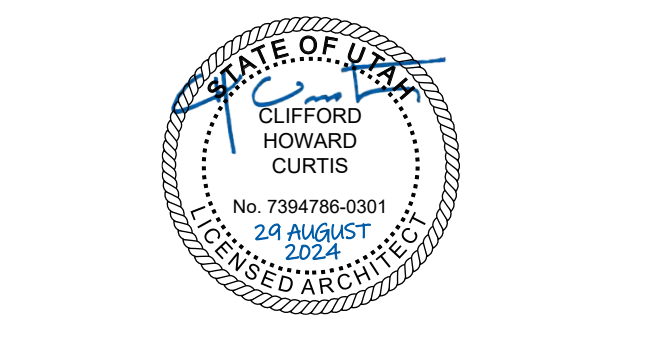
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LEGEND - DEMOLITION

	AREA OF NO WORK		MASONRY WALLS OR PORTION THERE OF TO BE DEMOLISHED
	EXISTING ITEM TO REMAIN		METAL STUD WALL WITH GYPSUM BOARD ASSEMBLY TO BE DEMOLISHED
	EXISTING WALL TO REMAIN		METAL STUD WALL WITH EIFS ASSEMBLY TO BE DEMOLISHED
	EXISTING DOOR TO REMAIN		REMOVE DOOR & FRAME
	EXISTING WINDOW TO REMAIN		REMOVE OVERHEAD DOOR & ACCESSORIES
	EXISTING MOP SINK		EXISTING GLAZING SYSTEM TO BE DEMOLISHED
	EXISTING SLAB AND FLOOR FINISH TO REMAIN		EXISTING CONCRETE CURB & BOLLARDS TO BE DEMOLISHED
	EXISTING TILE FLOORING TO BE DEMOLISHED		EXISTING PLUMBING FIXTURE TO BE DEMOLISHED
	AREA OF SLAB ON GRADE TO BE DEMOLISHED. COORDINATE WITH ELECTRICAL AND PLUMBING PLANS WHERE PLUMBING AND ELECTRICAL CONNECTIONS ARE REQUIRED		EXISTING ITEMS TO BE DEMOLISHED. SEE KEYNOTES
	AREA OF ROOF ASSEMBLY AND METAL DECK TO BE DEMOLISHED. COORDINATE OPENING LOCATIONS AND SIZES WITH A120		
	EXISTING RTU SUPPORTS TO BE DEMOLISHED. RE: E5/AD120		

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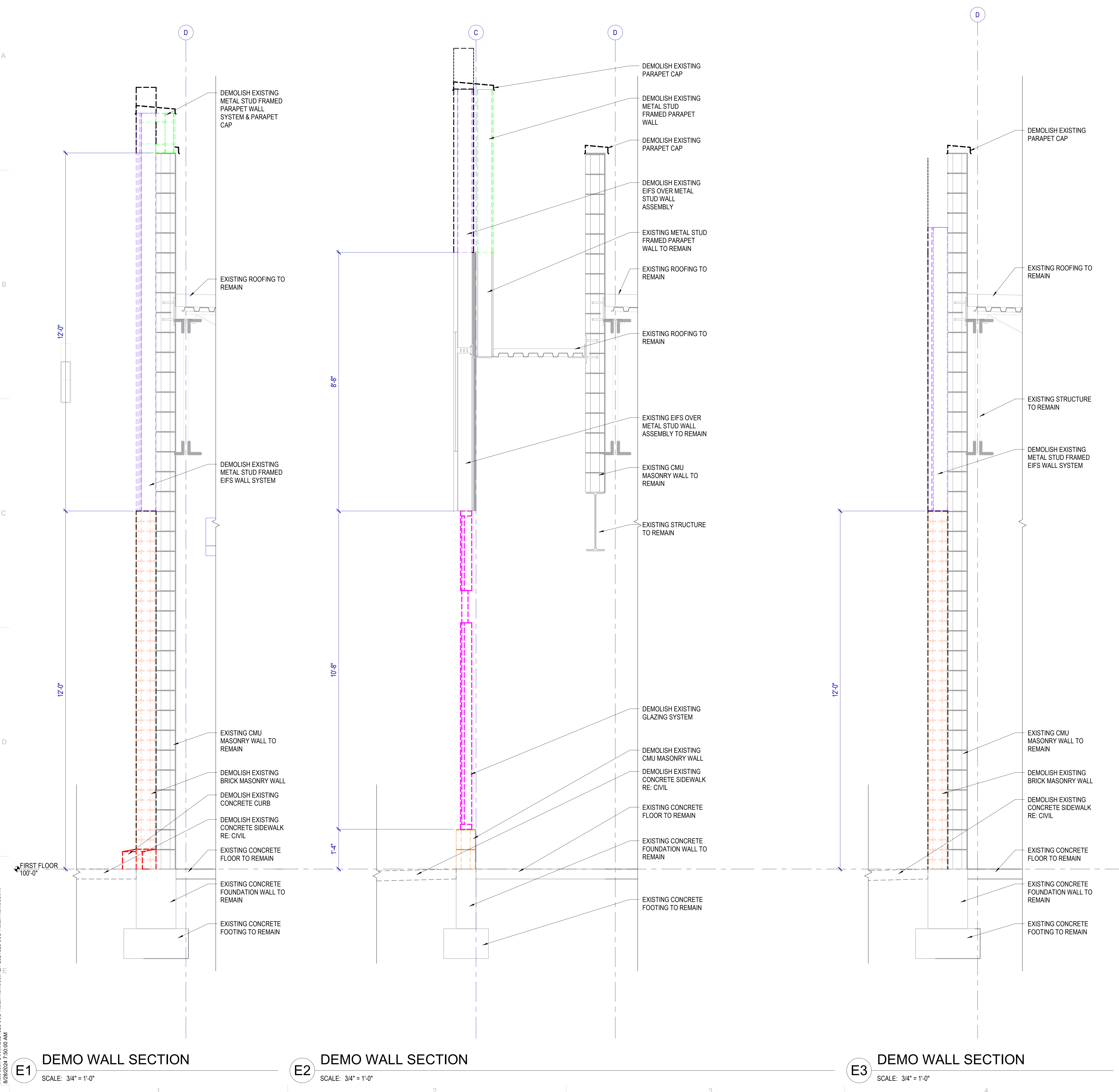
NO.	DATE	DESCRIPTION

ISSUE CONSTRUCTION DOCUMENTS
 AUGUST 29, 2024

SHEET NAME
DEMOLITION WALL SECTIONS

SHEET NUMBER

AD310



E1 DEMO WALL SECTION
 SCALE: 3/4" = 1'-0"

E2 DEMO WALL SECTION
 SCALE: 3/4" = 1'-0"

E3 DEMO WALL SECTION
 SCALE: 3/4" = 1'-0"

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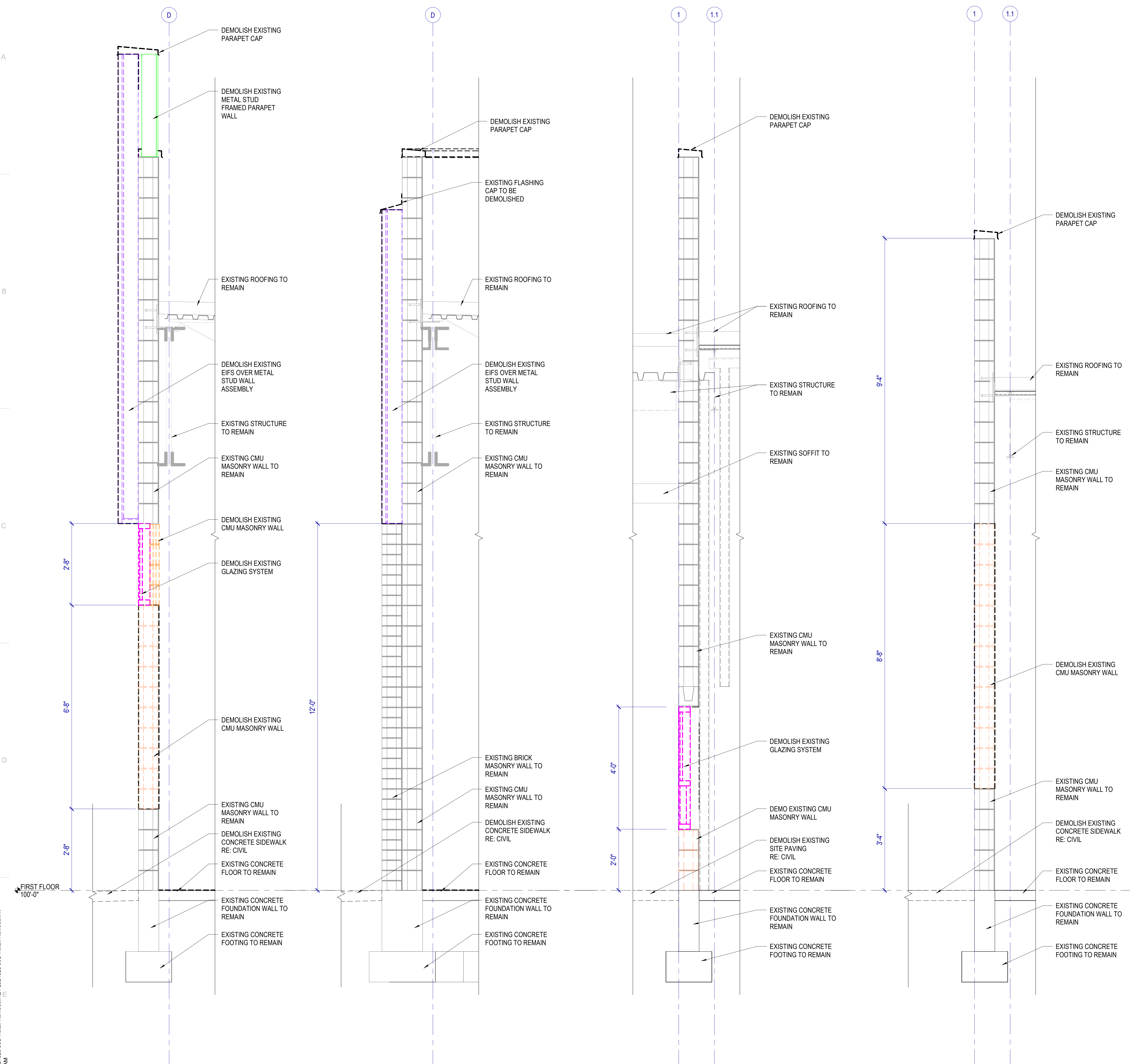
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LEGEND - DEMOLITION

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- METAL STUD WALL WITH EIFS ASSEMBLY TO BE DEMOLISHED
- REMOVE DOOR & FRAME
- REMOVE OVERHEAD DOOR & ACCESSORIES
- EXISTING GLAZING SYSTEM TO BE DEMOLISHED
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E1 DEMO WALL SECTION
SCALE: 3/4" = 1'-0"

E2 DEMO WALL SECTION
SCALE: 3/4" = 1'-0"

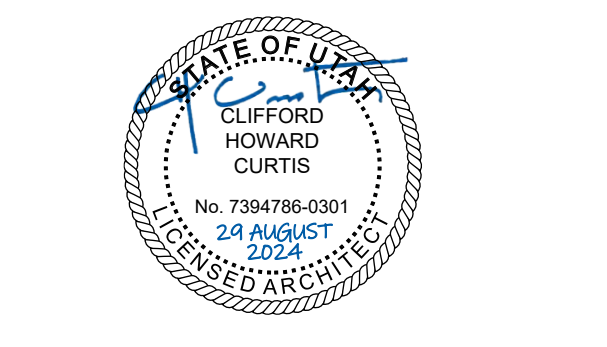
E3 DEMO WALL SECTION
SCALE: 3/4" = 1'-0"

E4 DEMO WALL SECTION
SCALE: 3/4" = 1'-0"



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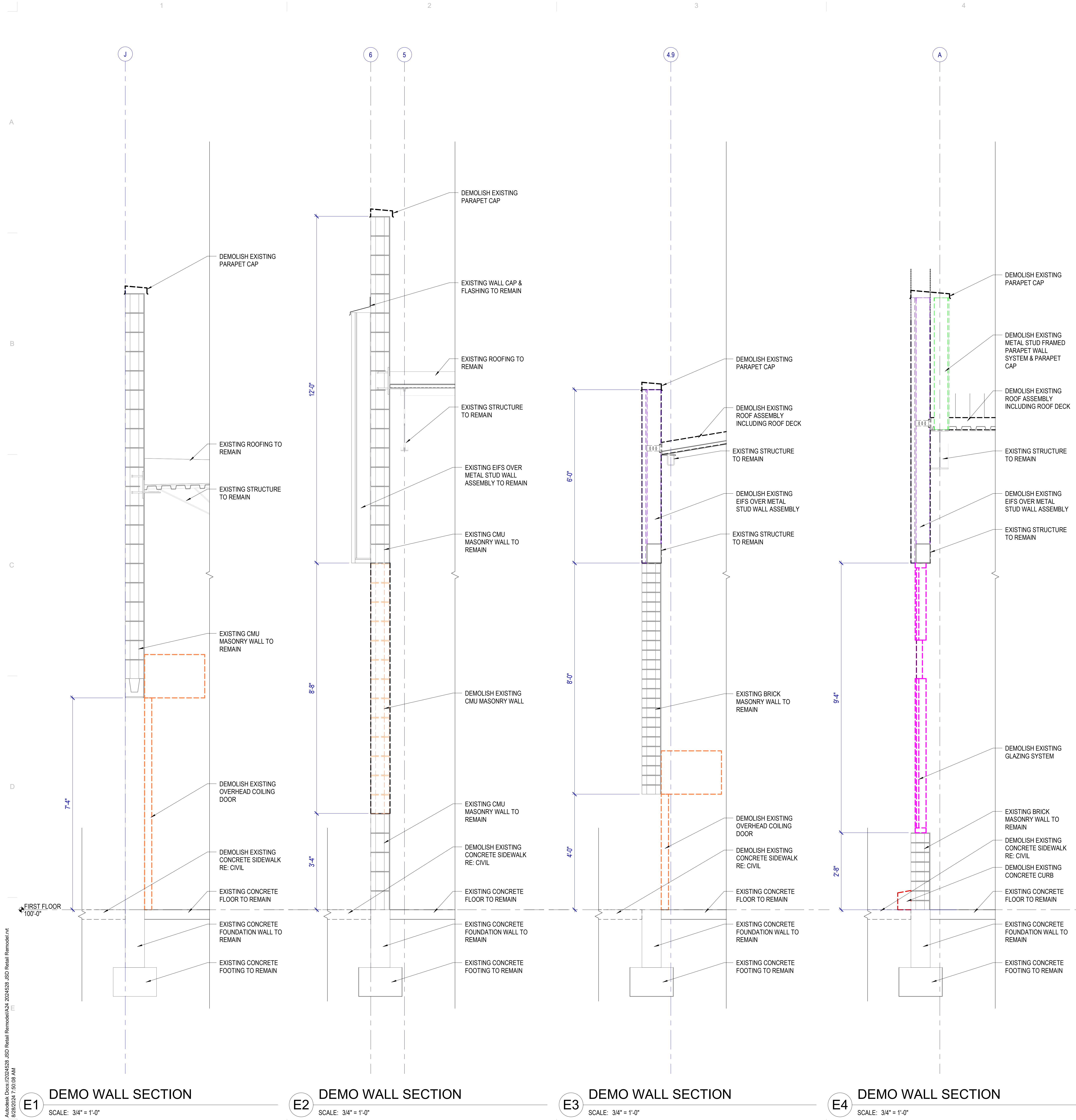
REVISIONS
CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE.

NO.	DATE	DESCRIPTION

ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024
SHEET NAME
DEMOLITION WALL SECTIONS

AD311

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DEMOLITION GENERAL NOTES

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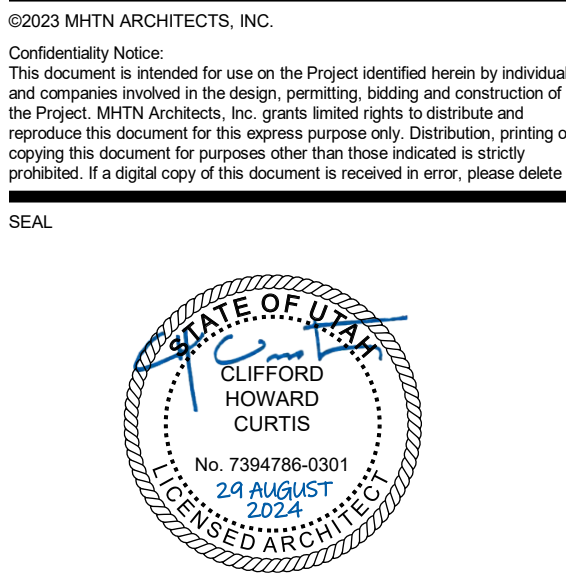
LEGEND - DEMOLITION

[Grey Box] AREA OF NO WORK	[Red Dashed Box] MASONRY WALLS OR PORTION THERE OF TO BE DEMOLISHED
[Solid Line] EXISTING ITEM TO REMAIN	[Green Dashed Box] METAL STUD WALL WITH GYPSUM BOARD ASSEMBLY TO BE DEMOLISHED
[Dashed Line] EXISTING WALL TO REMAIN	[Purple Dashed Box] METAL STUD WALL WITH EIFS ASSEMBLY TO BE DEMOLISHED
[Dotted Line] EXISTING DOOR TO REMAIN	[Red Dashed Box] REMOVE DOOR & FRAME
[Dotted Line] EXISTING WINDOW TO REMAIN	[Red Dashed Box] REMOVE OVERHEAD DOOR & ACCESSORIES
[Blue Dotted Line] EXISTING MOP SINK	[Green Dashed Box] EXISTING GLAZING SYSTEM TO BE DEMOLISHED
[White Box] EXISTING SLAB AND FLOOR FINISH TO REMAIN	[Red Dashed Box] EXISTING CONCRETE CURB & BOLLARDS TO BE DEMOLISHED
[Yellow Box] EXISTING TILE FLOORING TO BE DEMOLISHED	[Blue Dashed Box] EXISTING PLUMBING FIXTURE TO BE DEMOLISHED
[Red Box] AREA OF SLAB ON GRADE TO BE DEMOLISHED, COORDINATE WITH ELECTRICAL AND PLUMBING PLANS WHERE PLUMBING AND ELECTRICAL CONNECTIONS ARE REQUIRED	[Black Dashed Box] EXISTING ITEMS TO BE DEMOLISHED, SEE KEYNOTES
[Green Box] AREA OF ROOF ASSEMBLY AND METAL DECK TO BE DEMOLISHED, COORDINATE OPENING LOCATIONS AND SIZES WITH A120	
[Diagonal Line Box] EXISTING RTU SUPPORTS TO BE DEMOLISHED, RE: E5/AD120	

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ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

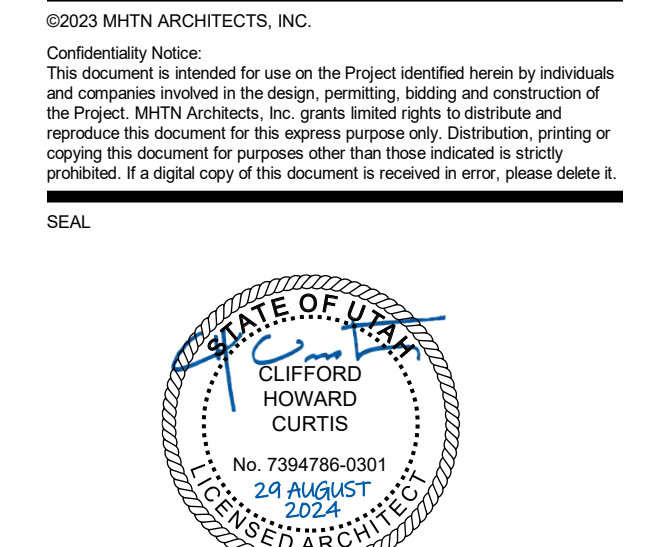
SHEET NAME
DEMOLITION WALL SECTIONS

SHEET NUMBER
AD312

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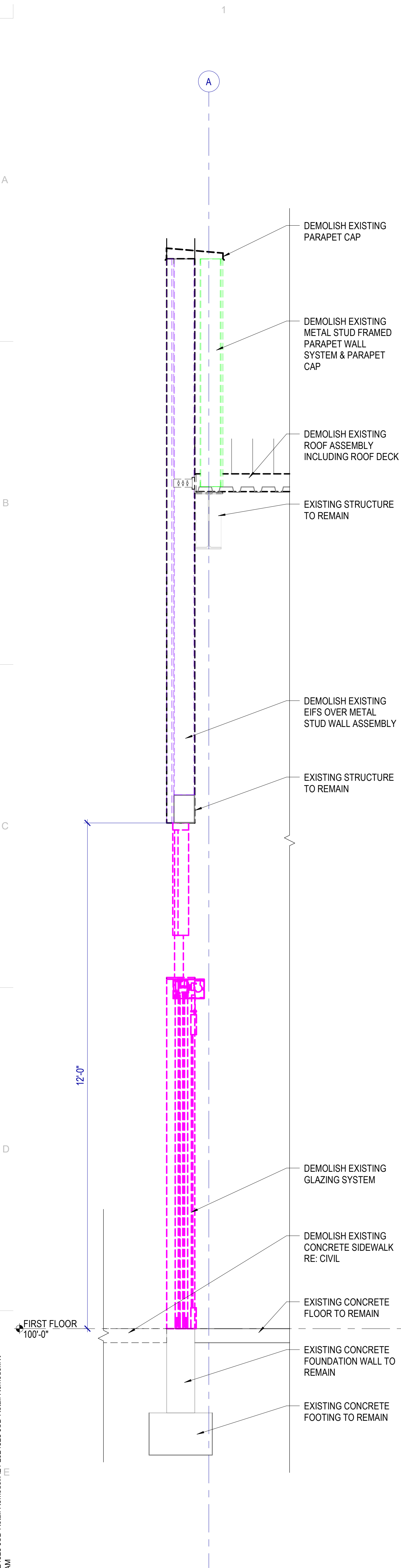
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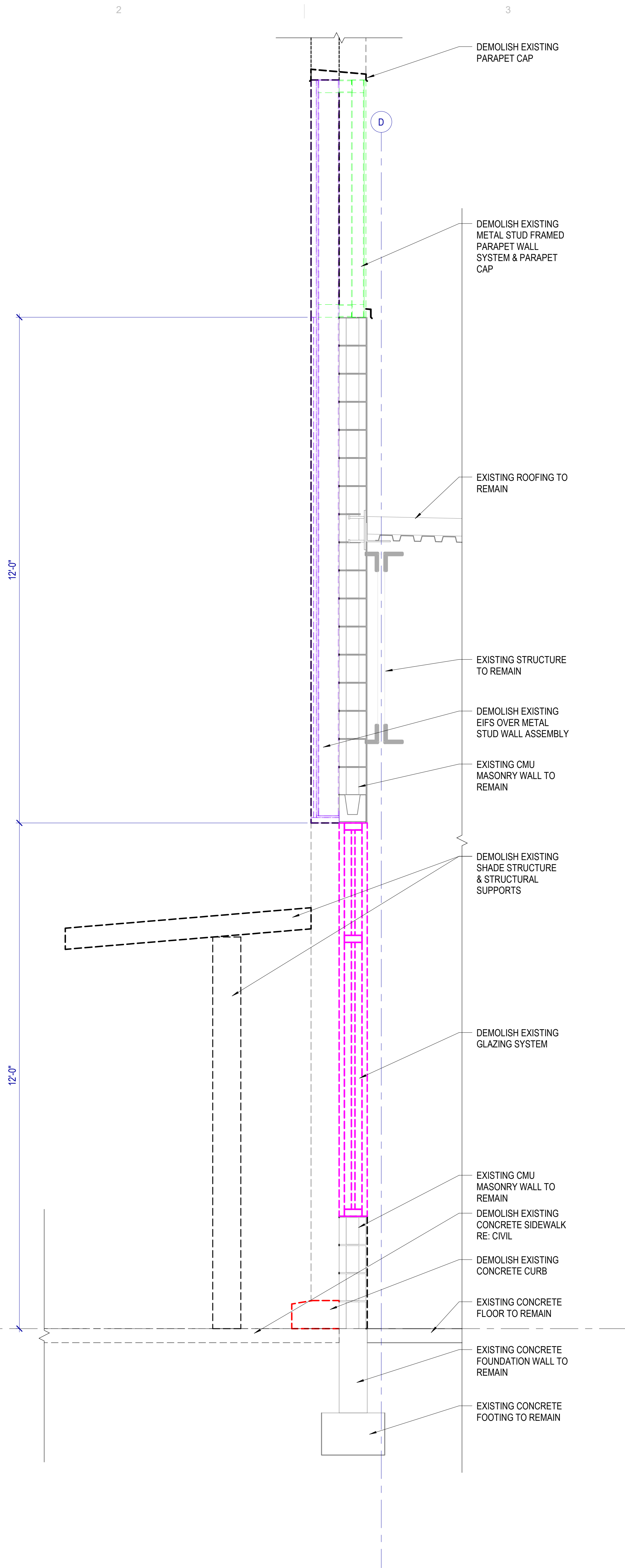
LEGEND - DEMOLITION

	AREA OF NO WORK		MASONRY WALLS OR PORTION THERE OF TO BE DEMOLISHED
	EXISTING ITEM TO REMAIN		METAL STUD WALL WITH GYPSUM BOARD ASSEMBLY TO BE DEMOLISHED
	EXISTING WALL TO REMAIN		METAL STUD WALL WITH EIFS ASSEMBLY TO BE DEMOLISHED
	EXISTING DOOR TO REMAIN		REMOVE DOOR & FRAME
	EXISTING WINDOW TO REMAIN		REMOVE OVERHEAD DOOR & ACCESSORIES
	EXISTING MOP SINK		EXISTING GLAZING SYSTEM TO BE DEMOLISHED
	EXISTING SLAB AND FLOOR FINISH TO REMAIN		EXISTING CONCRETE CURB & BOLLARDS TO BE DEMOLISHED
	EXISTING TILE FLOORING TO BE DEMOLISHED		EXISTING PLUMBING FIXTURE TO BE DEMOLISHED
	AREA OF SLAB ON GRADE TO BE DEMOLISHED. COORDINATE WITH ELECTRICAL AND PLUMBING PLANS WHERE PLUMBING AND ELECTRICAL CONNECTIONS ARE REQUIRED		EXISTING ITEMS TO BE DEMOLISHED, SEE KEYNOTES
	AREA OF ROOF ASSEMBLY TO BE DEMOLISHED. COORDINATE OPENING LOCATIONS AND SIZES WITH A120		
	EXISTING RTU SUPPORTS TO BE DEMOLISHED. RE: E5/AD120		

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E1 DEMO WALL SECTION
SCALE: 3/4" = 1'-0"

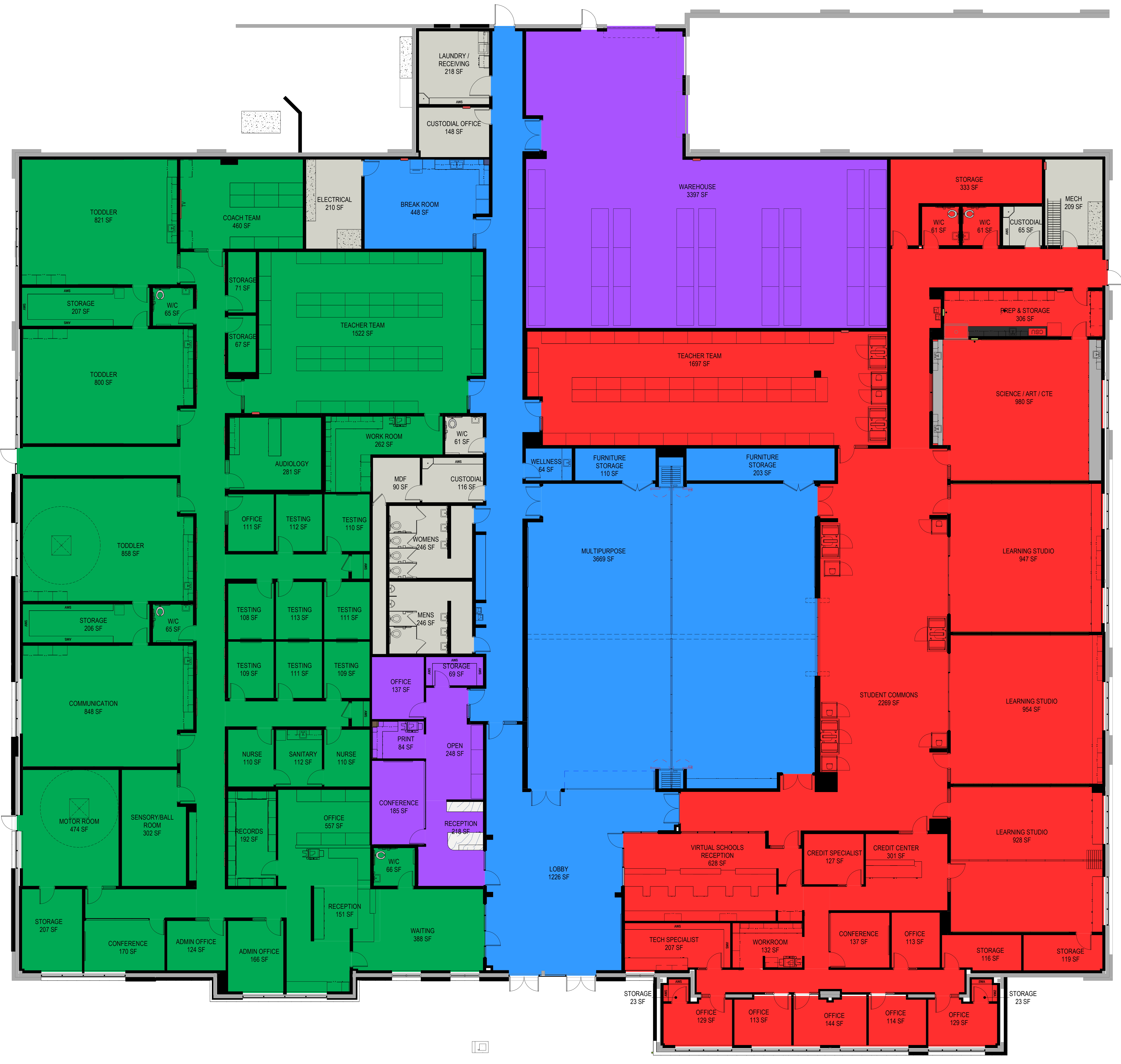


E2 DEMO WALL SECTION
SCALE: 3/4" = 1'-0"

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- ### Department Legend
- BUILDING SUPPORT
 - CHILD DEVELOPMENT CENTER
 - JORDAN EDUCATION FOUNDATION
 - SHARED (HARBOR)
 - VIRTUAL SCHOOLS & TESTING

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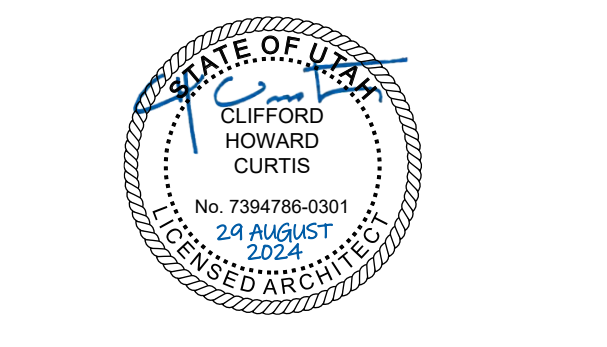


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AUGUST 29, 2024

SHEET NAME
REFERENCE PLAN

SHEET NUMBER
A100



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FLOOR PLAN GENERAL NOTES

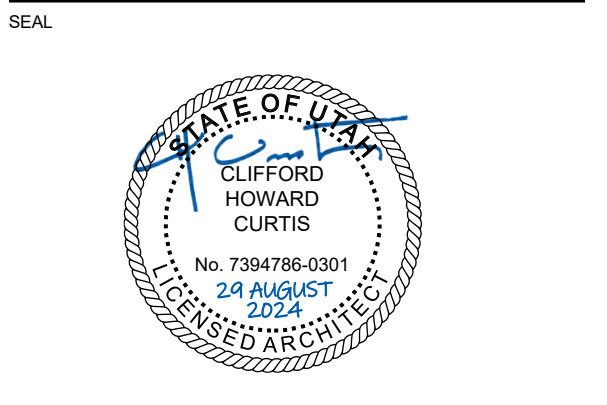
References to sheets below are provided to aid in navigating the drawings.

- RE: G001 for General Project notes.
 - RE: G200 for Fixture Mounting Heights.
 - RE: G400 for Floor, Roof and Exterior Wall Types.
 - RE: G500 for Interior Wall Types.
 - RE: A111 for slab edges, recesses and other transitions.
 - RE: A600 for the Door Schedule.
 - RE: A620 drawings for Window Types.
 - RE: A640A & A640B for wall finishes.
 - RE: Structural for slab recesses.
 - RE: Structural for concrete scoring, except where decorative scoring is shown.
- Unless noted otherwise all dimensions are to face of metal stud.
- When floor height varies in a room, the ceiling height shown is the height above the floor at the entry.
- All outside gypsum board corners to be finished with corner guards. Refer to A641 Finish Legend for product.
- Rated Construction:** Provide as shown on the plans, the Life Safety Plans and elsewhere in the documents. Seal penetrations with systems applicable to the application and that have UL or other testing agency certifications.
- Keynotes:** Not all keynotes apply to this sheet.



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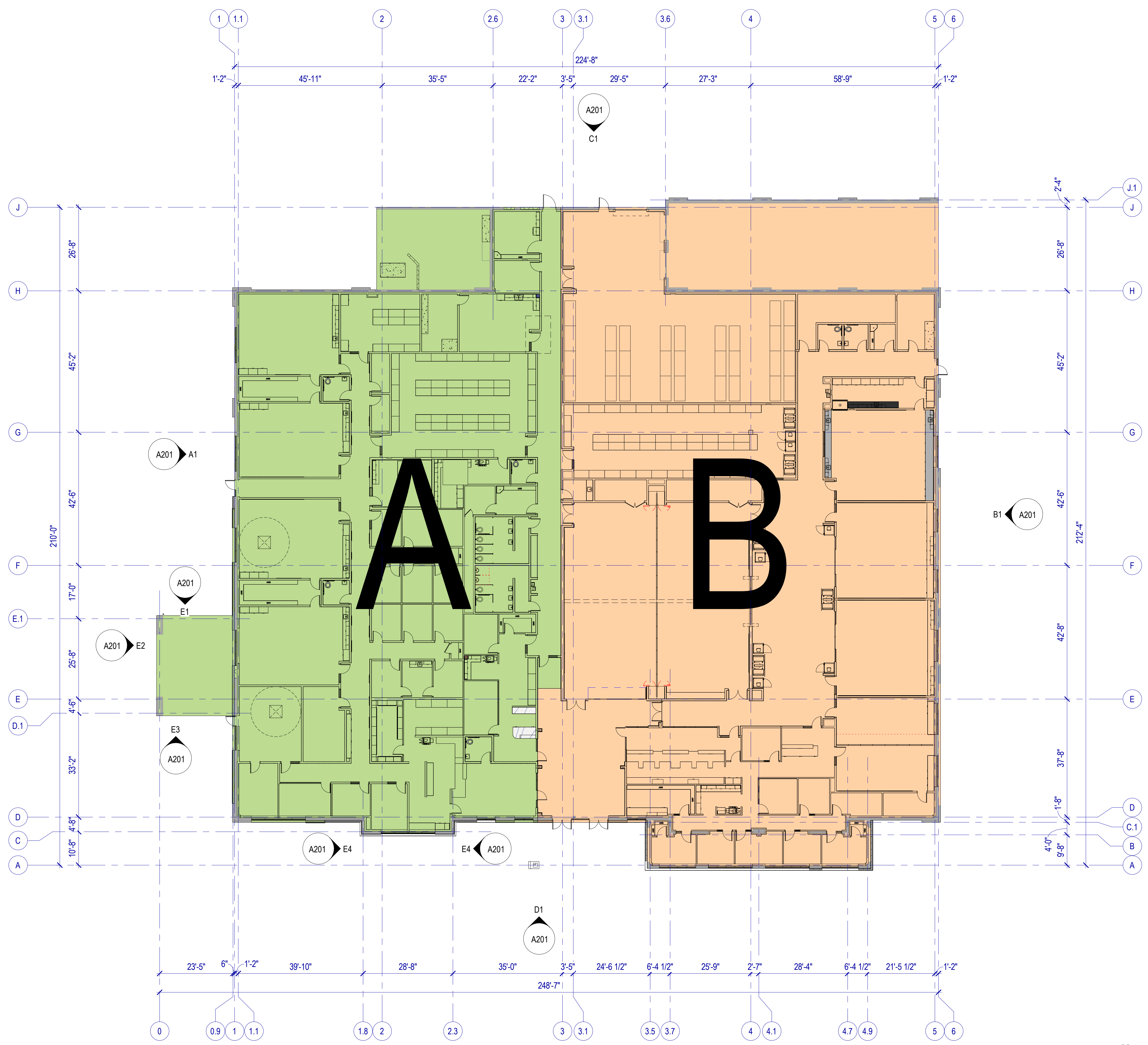
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CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE.

NO.	DATE	DESCRIPTION

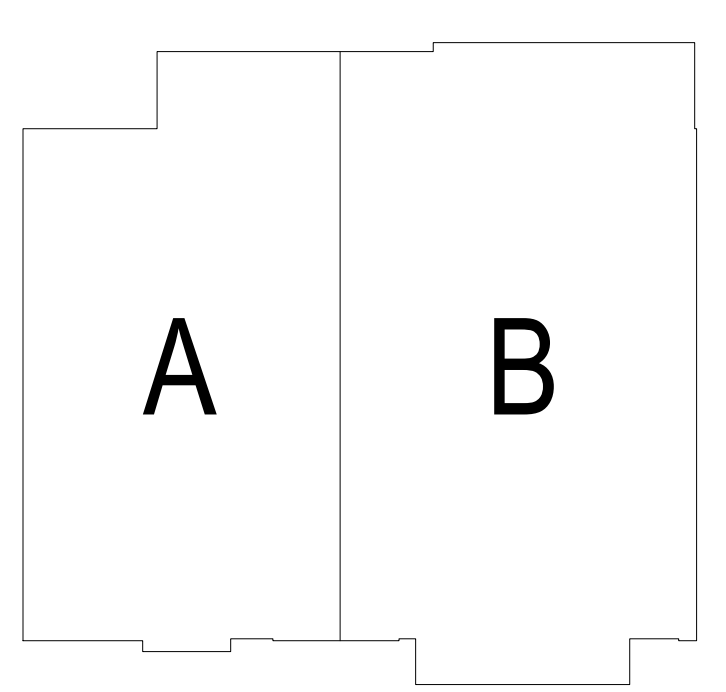
ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME
FIRST FLOOR PLAN

SHEET NUMBER
A101



OVERALL FLOOR PLAN
SCALE: 1/16" = 1'-0"
0 8' - 0" 16' - 0" 32' - 0"



KEY PLAN

FLOOR PLAN GENERAL NOTES

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 - RE: G200 for Fixture Mounting Heights.
 - RE: G400 for Floor, Roof and Exterior Wall Types.
 - RE: G500 for Interior Wall Types.
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LEGEND - FLOOR PLAN

- FIRE EXTINGUISHER + CABINET SEMI-RECESSED
- AUTOMATED EXTERNAL DEFIBRILLATOR
- WALL MOUNTED TOILET RE: PLUMBING
- FLOOR MOUNTED TOILET RE: PLUMBING
- URINAL RE: PLUMBING
- WALL HUNG LAVATORY RE: PLUMBING
- COUNTER MOUNTED SINK RE: PLUMBING
- ELECTRICAL WATER COOLER RE: PLUMBING
- MOP SINK RE: C4/G201 & PLUMBING
- ADJUSTABLE WALL SHELVING - 16" DEEP SHELVES, RE: DS/A435
- WASHING MACHINE RE: PLUMBING
- DRYER RE: PLUMBING
- REFRIGERATOR, CFCI
- REFRIGERATOR, OFCI
- ICE MACHINE RE: PLUMBING
- RECORDING SOUND BOOTH, OFOI
- RECORDING SOUND BOOTH, OFOI
- TEACHER WORK DESKS, OFOI
- SHIPS LADDER, RE: E1/A340
- WALL MOUNTED TV
- THERAPY SWING LOCATION, OFOI, SEE RCP FOR MOUNTING DETAIL
- COUNTERTOP LASER CUTTER, OFCI
- HOUSEKEEPING PAD - 4" CONCRETE - COORDINATE WITH EQUIPMENT DIMENSIONS

NOTE: PROVIDE ITEMS INDICATED IN THE LEGEND IN THE QUANTITIES SHOWN ON THE PLAN.

KEYNOTES

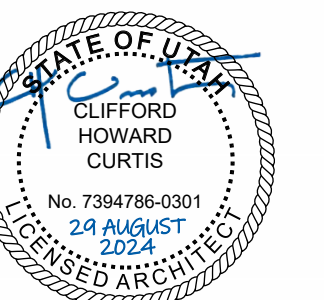


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NO. DATE DESCRIPTION

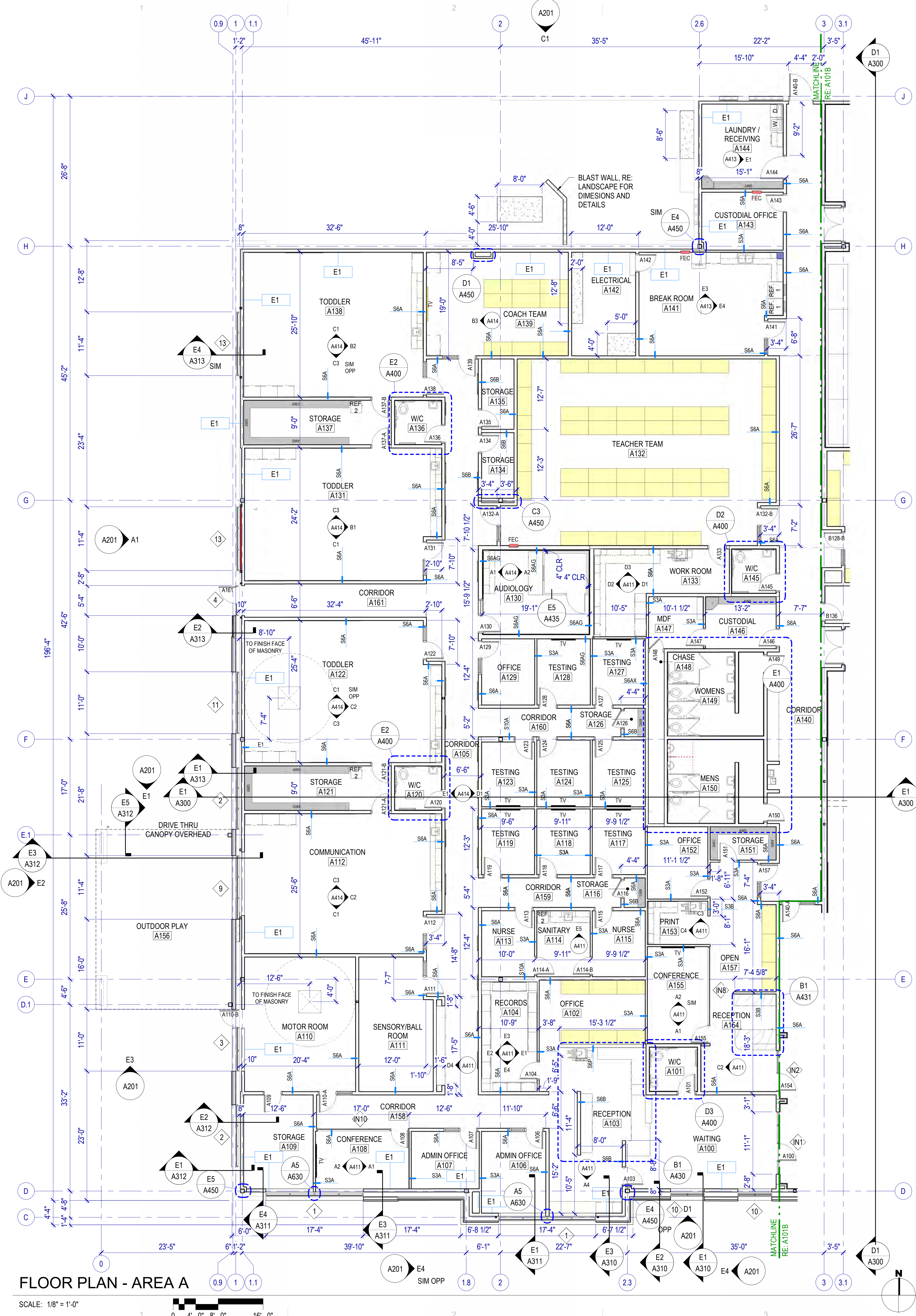
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CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

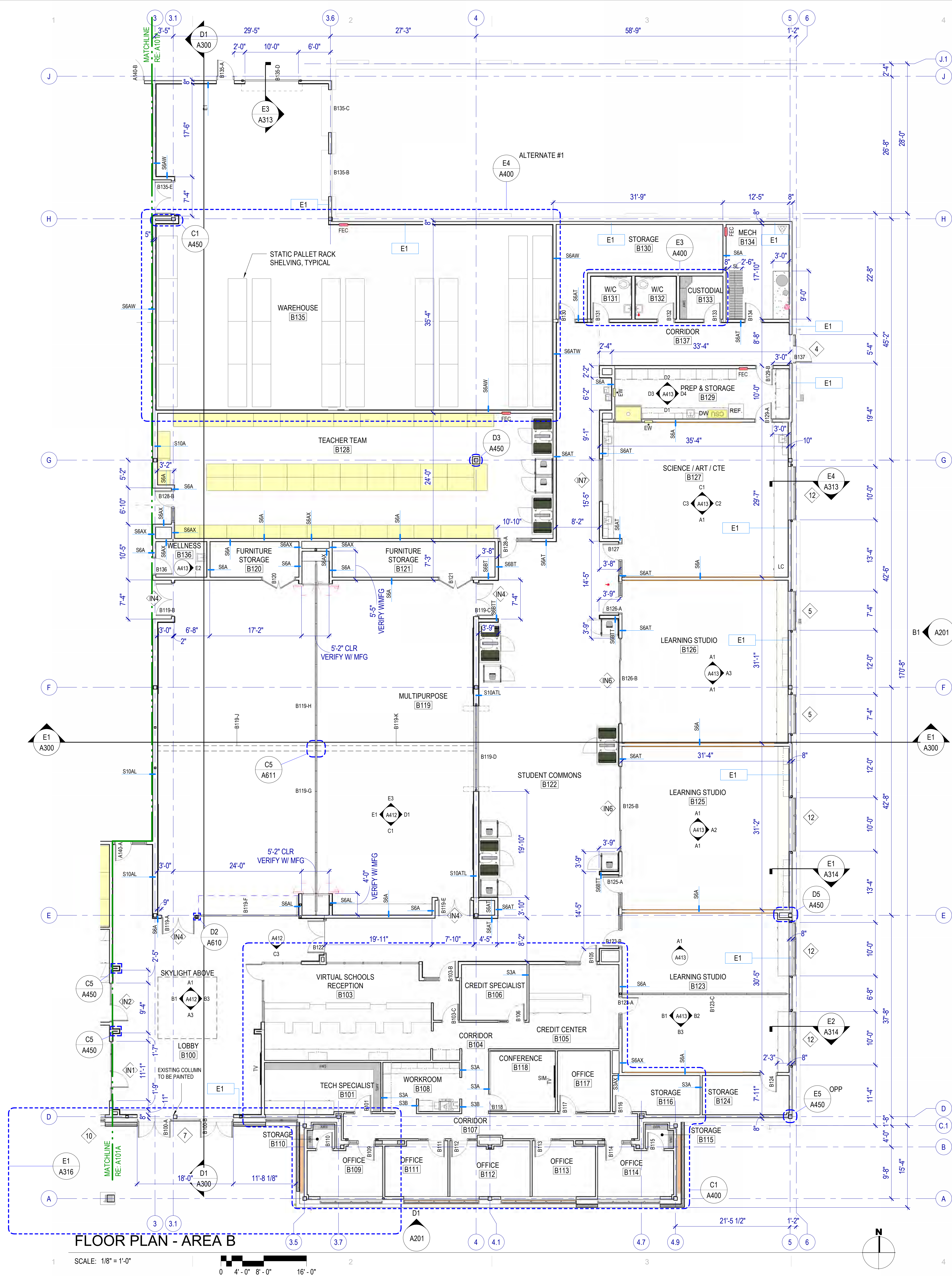
SHEET NAME
FIRST FLOOR
PLAN - AREA A

SHEET NUMBER

A101A

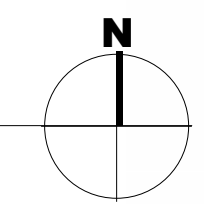
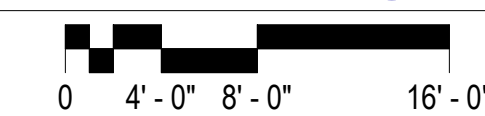


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FLOOR PLAN - AREA B

SCALE: 1/8" = 1'-0"



FLOOR PLAN GENERAL NOTES

- References to sheets below are provided to aid in navigating the drawings.
- RE: G001 for General Project notes.
- RE: G200 for Fixture Mounting Heights.
- RE: G400 for Floor, Roof and Exterior Wall Types.
- RE: G500 for Interior Wall Types.
- RE: A111 for slab edges, recesses and other transitions.
- RE: A600 for the Door Schedule.
- RE: A620 drawings for Window Types.
- RE: A640A & A640B for wall finishes.
- RE: Structural for slab recesses.
- RE: Structural for concrete scoring, except where decorative scoring is shown.

Unless noted otherwise all dimensions are to face of metal stud.

When floor height varies in a room, the ceiling height shown is the height above the floor at the entry.

All outside gypsum board corners to be finished with corner guards. Refer to A641 Finish Legend for product.

Rated Construction: Provide as shown on the plans, the Life Safety Plans and elsewhere in the documents. Seal penetrations with systems applicable to the application and that have UL or other testing agency certifications.

Keynotes: Not all keynotes apply to this sheet.

LEGEND - FLOOR PLAN

- FIRE EXTINGUISHER + CABINET SEMI-RECESSED
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- FLOOR MOUNTED TOILET RE: PLUMBING
- URINAL RE: PLUMBING
- WALL HUNG LAVATORY RE: PLUMBING
- COUNTER MOUNTED SINK RE: PLUMBING
- ELECTRICAL WATER COOLER RE: PLUMBING
- MOP SINK RE: C4/G201 & PLUMBING
- ADJUSTABLE WALL SHELVING - 16\"/>

NOTE: PROVIDE ITEMS INDICATED IN THE LEGEND IN THE QUANTITIES SHOWN ON THE PLAN.

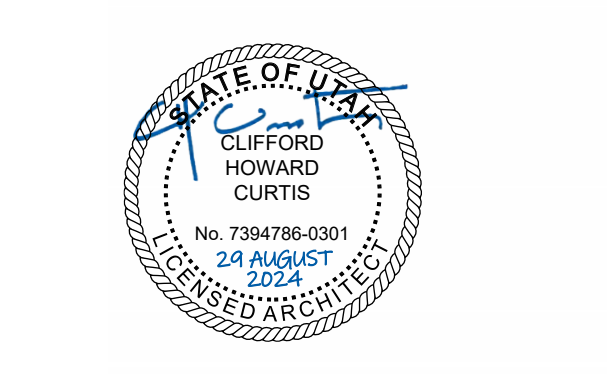


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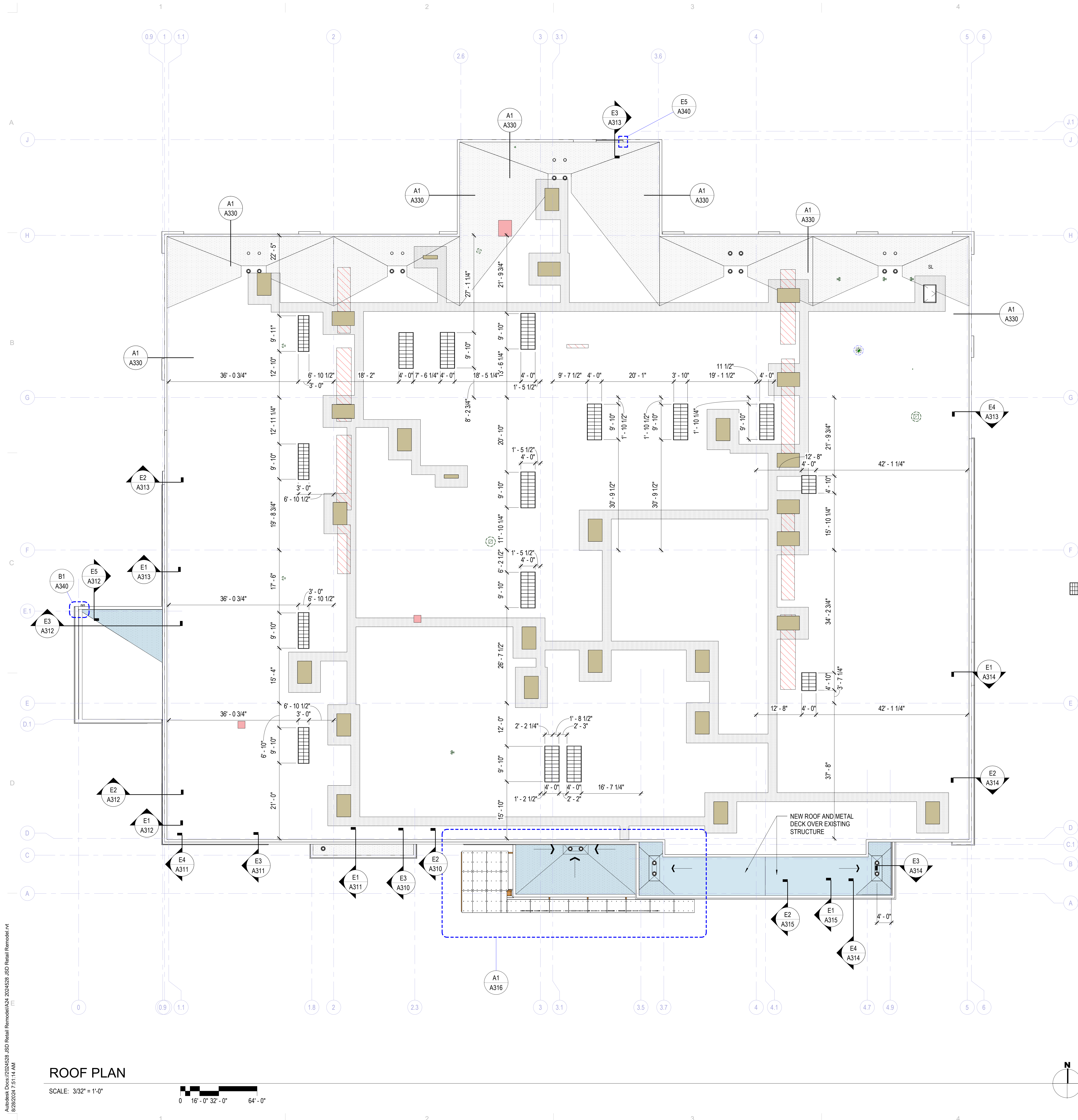
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AUGUST 29, 2024

SHEET NAME
FIRST FLOOR PLAN - AREA B

SHEET NUMBER

A101B

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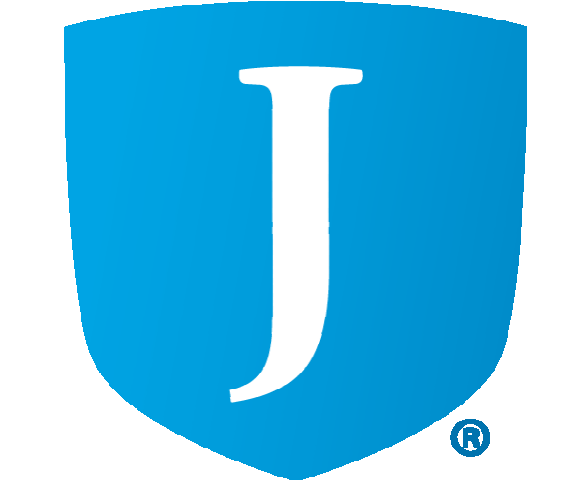


ROOF PLAN GENERAL NOTES

References to sheets below are provided to aid in navigating the drawings.
RE: G400 for Roof Types.
RE: A340 for Roof Details.
RE: Plumbing drawings for pipe vent quantities and locations. Provide flashing per roof and plumbing details.
Crickets: Provide crickets at roof top mechanical units, roof access hatches and other similar conditions for positive drainage.
Roof Deck Limitations: Do not use the steel roof deck to support loads from plumbing, HVAC ducts, light fixtures, architectural elements or equipment of any kind, UNO.
Roof Insulation: Provide R-30 minimum, unless noted otherwise.
Walkway Pads: Provide walkway pads as shown, and if not shown, provide pads from all points of roof access (adders, doors, access hatches) to mechanical equipment, roof drains, and all other rooftop equipment. Adjust pathways as required to miss penetrations and rooftop equipment that may not be shown on the roof plan.
Slope: Provide 1/2" per foot minimum slope across the roof.
Roof Membrane at Parapet Walls: Continue membrane up parapet walls, over the top and down the other side, lapping the wood nailers and the material below them by 1" minimum.
Elevation Datum Points: Datum points are to top of deck unless noted otherwise.

LEGEND - ROOF PLAN

- ROOF TYPE R-1 SINGLE-PLY MEMBRANE - SLOPE 1/4" PER FOOT MINIMUM UNO
- CRICKETS: R-1 ROOF SYSTEM WITH TAPERED INSULATION - MAINTAIN 1/4" PER FOOT SLOPE AT CRICKET VALLEYS
- EXISTING ROOF
- PATCH AND REPAIR ROOF
- NEW METAL DECK AND ROOF PATCH AND REPAIR, SEE DETAIL D5 / A340
- WALKWAY PAD - 30" MINIMUM WIDTH, SEE DETAIL A1 / A340
- PRIMARY AND SECONDARY ROOF DRAINS, SEE DETAIL B5 / A340
- DIRECTION OF SLOPE
- ROOF HATCH, SEE DETAIL E4 / A340
- ROOF TOP EQUIPMENT - RE: MECHANICAL, SEE DETAIL A2 / A340 PATCH AND REPAIR ROOF MEMBRANE AS NEEDED
- SKYLIGHT, SEE RCP FOR DETAILS



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No. P18766-000
24 AUGUST 2024
LICENSED ARCHITECT
STATE OF UTAH

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NO. DATE DESCRIPTION

NO.	DATE	DESCRIPTION
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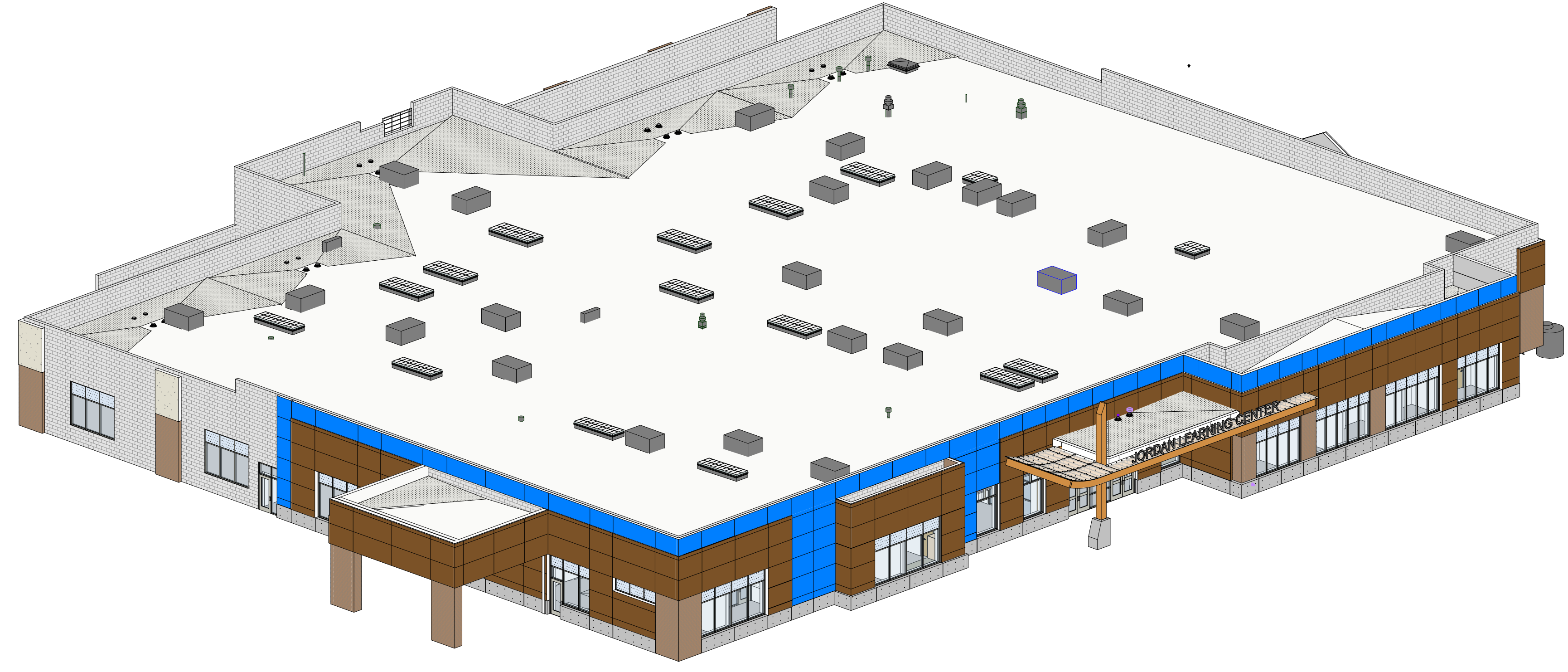
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SHEET NAME
ROOF PLAN

SHEET NUMBER
A120

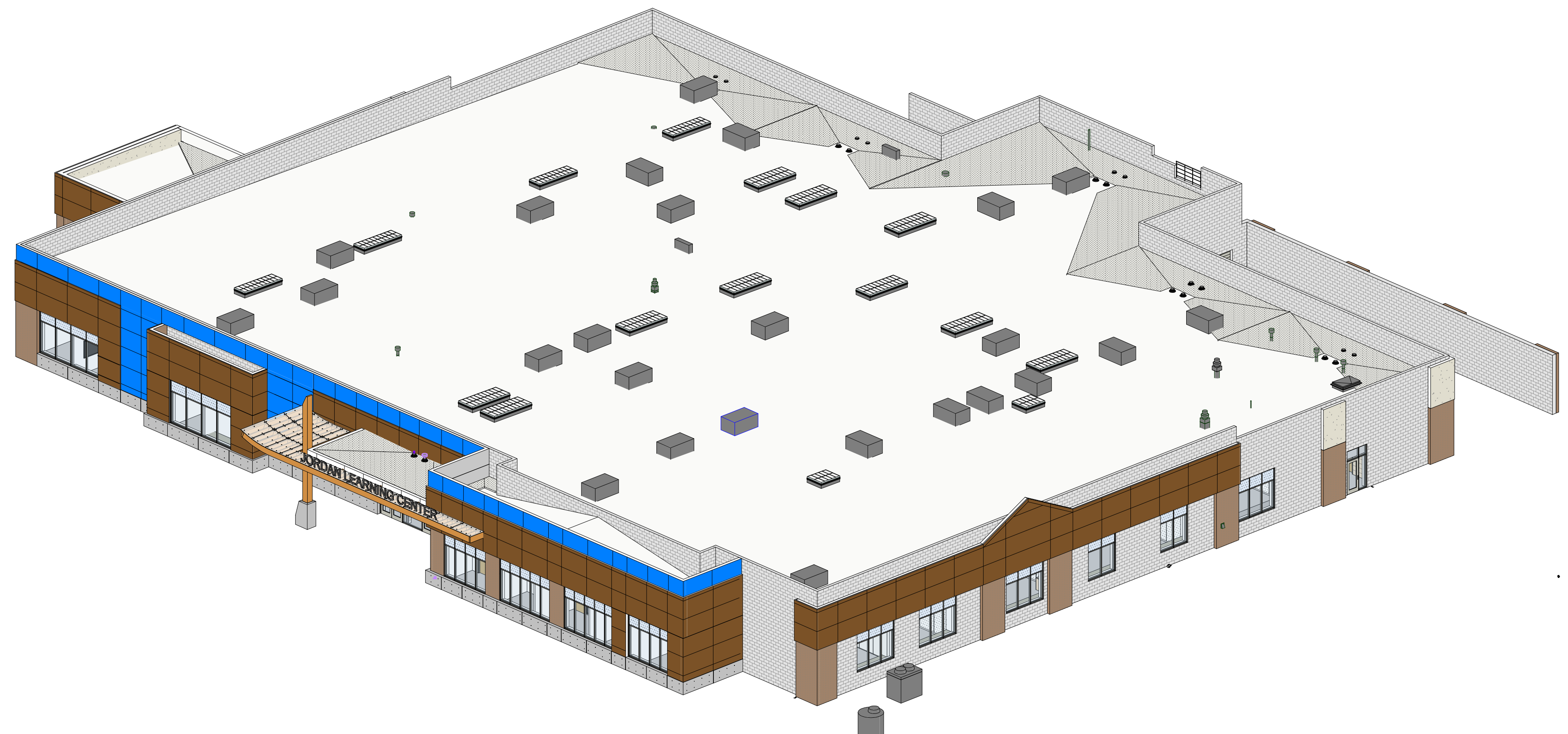
ROOF PLAN

SCALE: 3/32" = 1'-0"
0 16'-0" 32'-0" 64'-0"

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B1 AXONOMETRIC - SOUTH WEST
SCALE:



E1 AXONOMETRIC - SOUTH EAST
SCALE:

EXTERIOR ELEVATIONS GENERAL NOTES

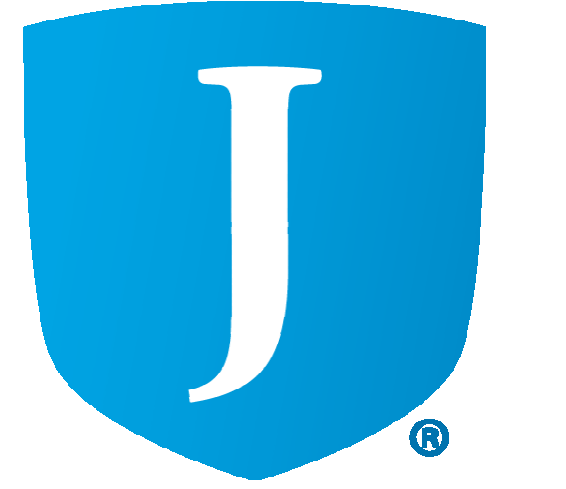
Exterior Finishes: Provide exterior finishes, continuous until a transition is indicated. Provide on all similar elements, and on surfaces not shown in elevation such as back sides of piers, columns and other surfaces that may not be visible in the elevation view.

Lighting: Coordinate wall and soffit mounted lighting locations with Electrical drawings and with the Architect prior to rough-in.

LEGEND - EXTERIOR ELEVATION

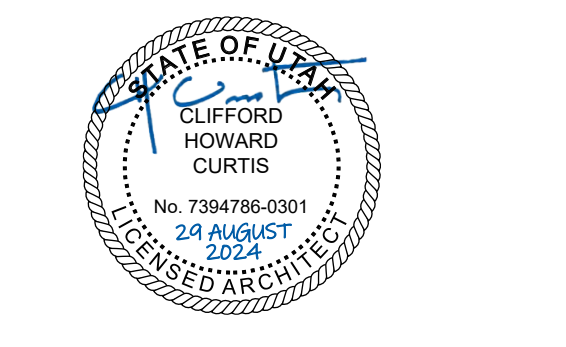
- EXISTING BRICK - TO BE CLEANED
- EXISTING CMU - TO BE CLEANED & SEALED
- EXISTING EIFS - TO BE CLEANED
- COMPOSITE METAL PANEL TYPE 1:
BASIS OF DESIGN - ALPOIC "MBU BLUE"
- TYPICAL METAL WALL PANEL JOINT
- COMPOSITE METAL PANEL TYPE 2:
BASIS OF DESIGN - ALPOIC "MWS WHITE SILVER"
- PHENOLIC PANEL CLADDING SYSTEM TYPE 1:
BASIS OF DESIGN: PRODEMA RUSTIC
- TYPICAL PHENOLIC WALL PANEL JOINT
- PHENOLIC PANEL CLADDING SYSTEM TYPE 2:
BASIS OF DESIGN: PRODEMA PALE
- EXTERIOR ARCHITECTURAL CONCRETE
- MASONRY TYPE 1: EXPOSED CMU INFILL
8"x8"x16" RUNNING BOND SPLIT-FACE CMU,
CUSTOM COLOR TO MATCH EXISTING
- MASONRY TYPE 2: EXPOSED CMU INFILL
8"x8"x16" RUNNING BOND SPLIT-FACE CMU,
CUSTOM COLOR TO MATCH EXISTING
- MASONRY TYPE 3: CONCEALED CMU INFILL
8"x8"x16" RUNNING BOND SMOOTH FACE CMU,
STANDARD GREY COLOR
- GLAZING
- SPANDREL PANEL
- MOCKUP**
PROVIDE MOCKUP OF AREA AS INDICATED

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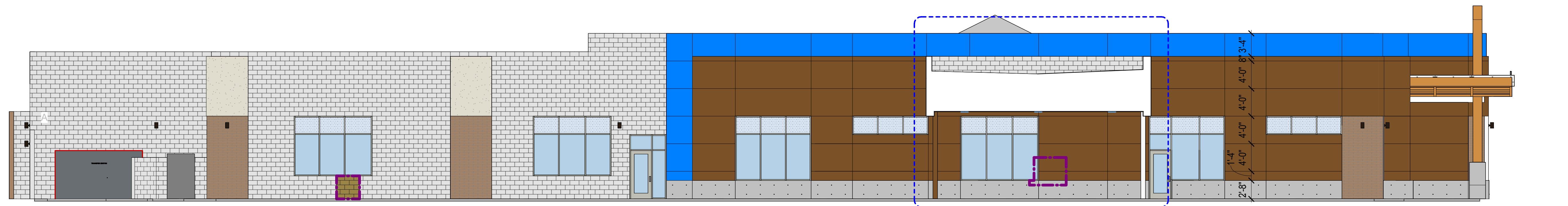
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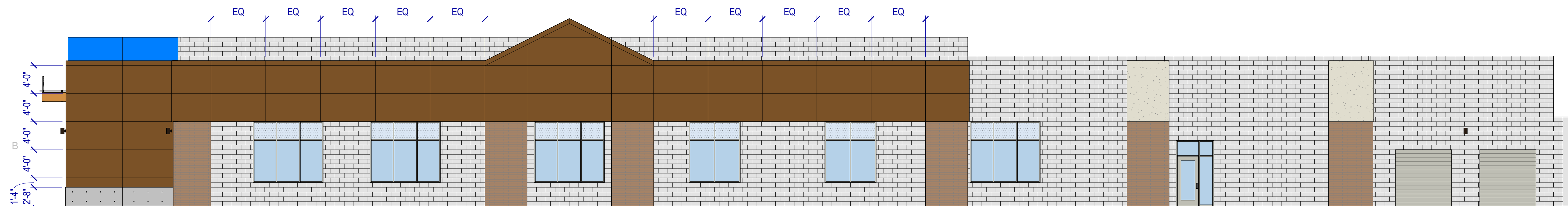
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CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME
EXTERIOR AXONOMETRICS

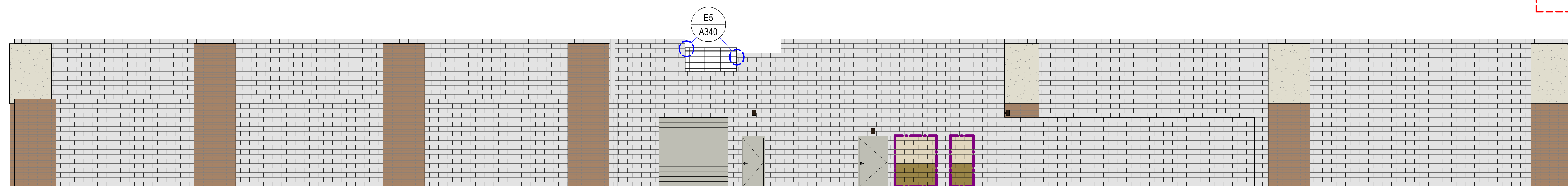
SHEET NUMBER
A200



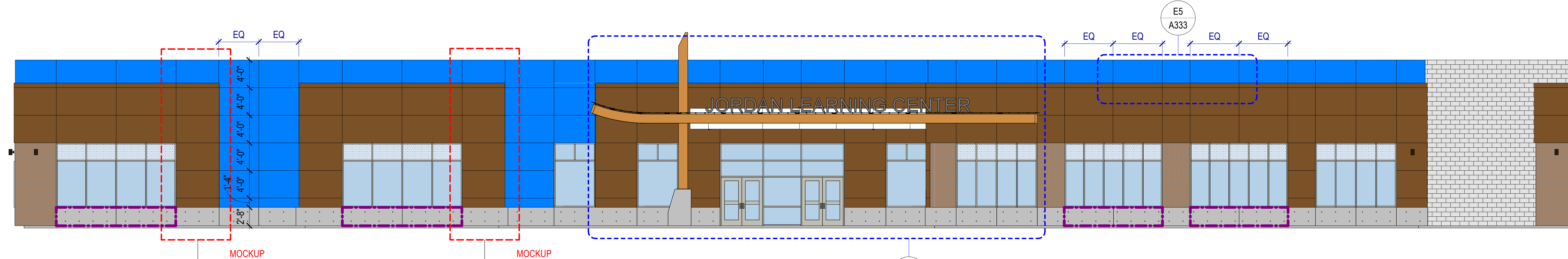
A1 WEST ELEVATION
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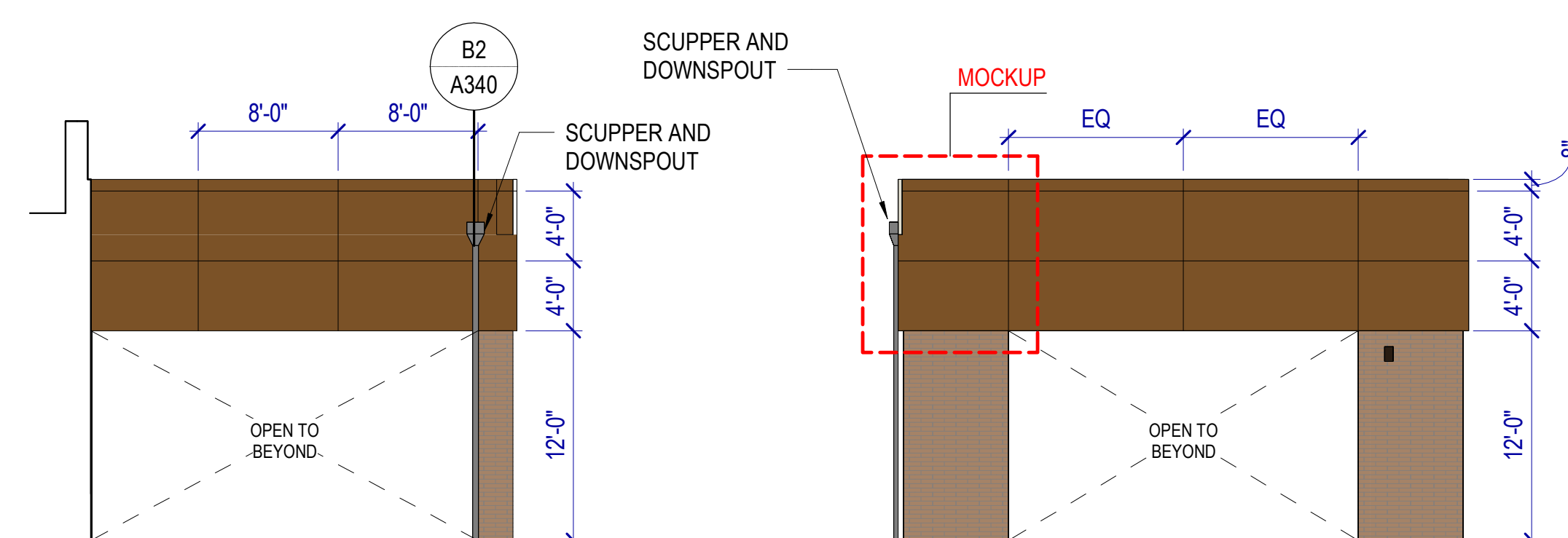
B1 EAST ELEVATION
SCALE: 1/8" = 1'-0"



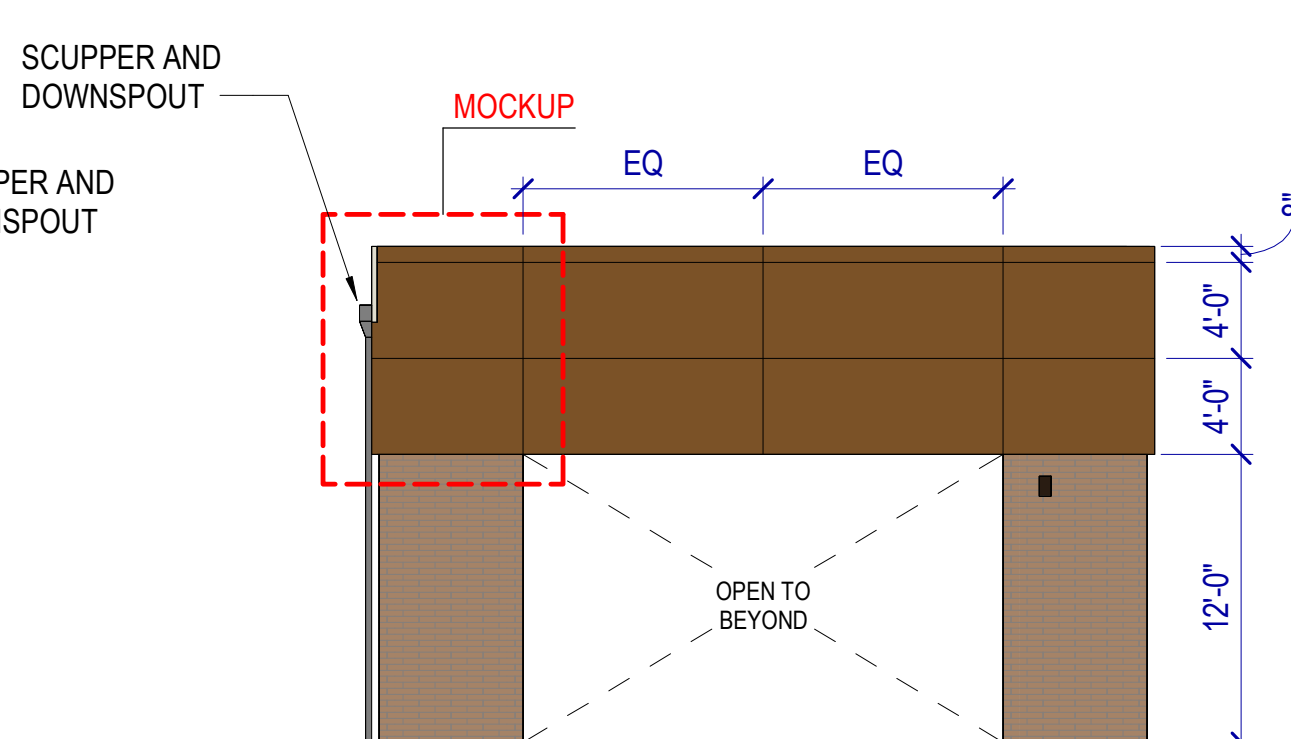
C1 NORTH ELEVATION
SCALE: 1/8" = 1'-0"



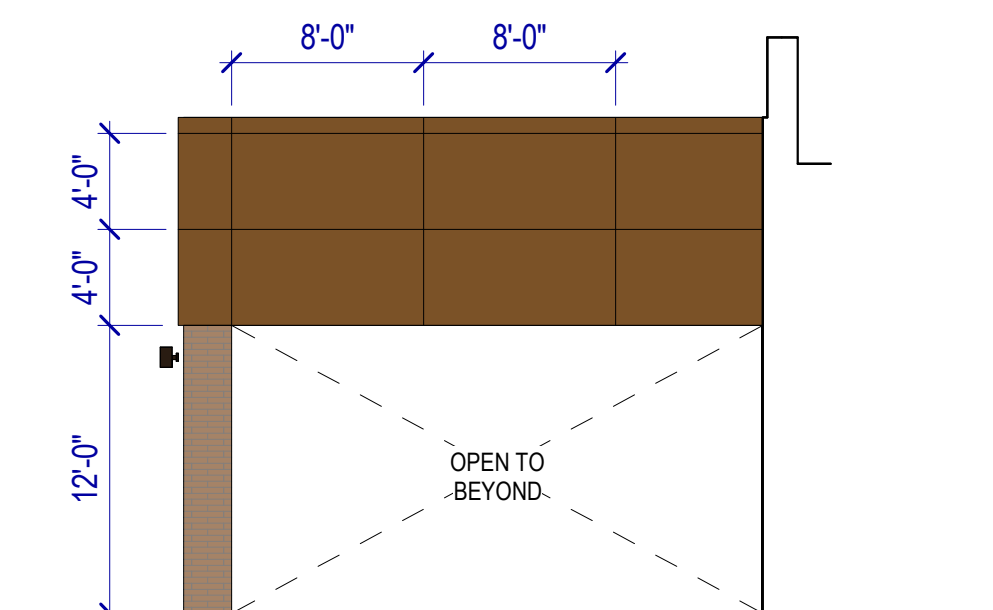
D1 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



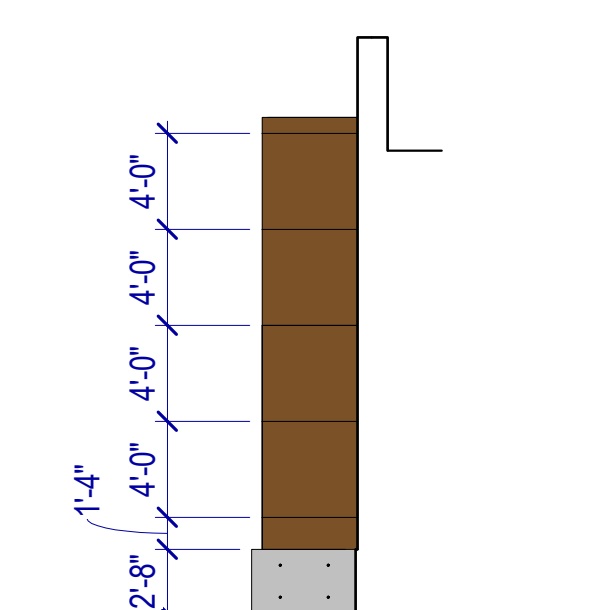
E1 DRIVE THRU NORTH ELEVATION
SCALE: 1/8" = 1'-0"



E2 DRIVE THRU WEST ELEVATION
SCALE: 1/8" = 1'-0"



E3 DRIVE THRU SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



E4 ELEVATION
SCALE: 1/8" = 1'-0"

EXTERIOR ELEVATIONS GENERAL NOTES

Exterior Finishes: Provide exterior finishes, continuous until a transition is indicated. Provide on all similar elements, and on surfaces not shown in elevation such as back sides of piers, columns and other surfaces that may not be visible in the elevation view.

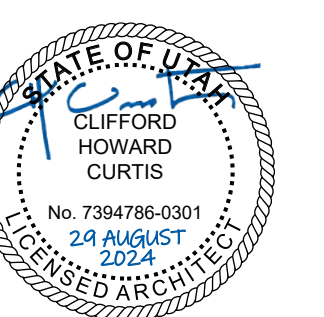
Lighting: Coordinate wall and soffit mounted lighting locations with Electrical drawings and with the Architect prior to rough-in.

LEGEND - EXTERIOR ELEVATION

- EXISTING BRICK - TO BE CLEANED
- EXISTING CMU - TO BE CLEANED & SEALED
- EXISTING EIFS - TO BE CLEANED
- COMPOSITE METAL PANEL TYPE 1: BASIS OF DESIGN - ALOPOIC "MBU BLUE"
- TYPICAL METAL WALL PANEL JOINT
- COMPOSITE METAL PANEL TYPE 2: BASIS OF DESIGN - ALOPOIC "NWS WHITE SILVER"
- PHENOLIC PANEL CLADDING SYSTEM TYPE 1: BASIS OF DESIGN: PRODEMA RUSTIC
- TYPICAL PHENOLIC WALL PANEL JOINT
- PHENOLIC PANEL CLADDING SYSTEM TYPE 2: BASIS OF DESIGN: PRODEMA PALE
- EXTERIOR ARCHITECTURAL CONCRETE
- MASONRY TYPE 1: EXPOSED CMU INFILL 8"x8"x16" RUNNING BOND SPLIT-FACE CMU, CUSTOM COLOR TO MATCH EXISTING
- MASONRY TYPE 2: EXPOSED CMU INFILL 8"x8"x16" RUNNING BOND SPLIT-FACE CMU, CUSTOM COLOR TO MATCH EXISTING
- MASONRY TYPE 3: CONCEALED CMU INFILL 8"x8"x16" RUNNING BOND SMOOTH FACE CMU, STANDARD GREY COLOR
- GLAZING
- SPANDREL PANEL
- MOCKUP
- PROVIDE MOCKUP OF AREA AS INDICATED



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SHEET NAME
EXTERIOR ELEVATIONS

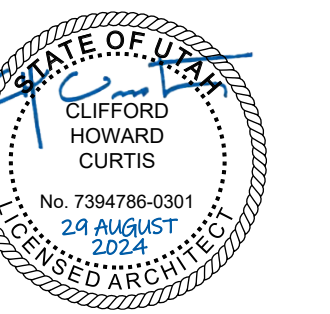
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SHEET NAME
BUILDING SECTIONS

SHEET NUMBER
A300

A

B

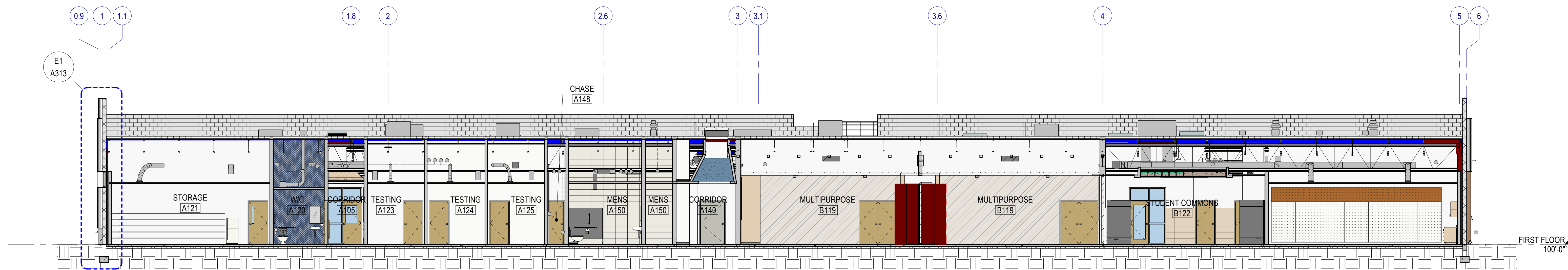
C

D



D1 BUILDING SECTION
SCALE: 1/8" = 1'-0"

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8/29/2024 7:51:41 AM



E1 BUILDING SECTION
SCALE: 1/8" = 1'-0"

WALL SECTION GENERAL NOTES

RE: Structural for concrete slab on grade thickness.

RE: G400 for Exterior Wall, Floor and Roof Types.

Air Barrier: Seal penetrations through the air barrier per manufacturer's details.

Spray-Applied Fireproofing: Where spray-applied fireproofing is removed for attachment of walls, hangers, clip angles, etc., re-apply the fireproofing material to re-establish the required level of protection.

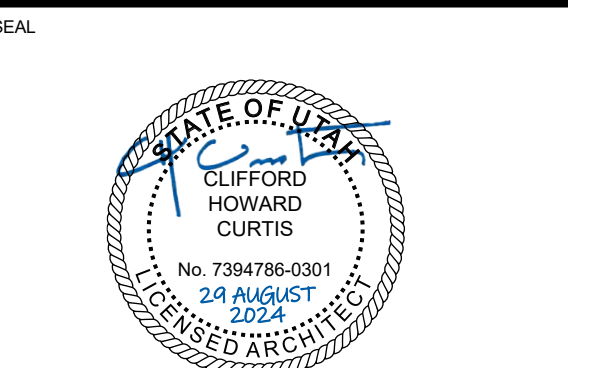


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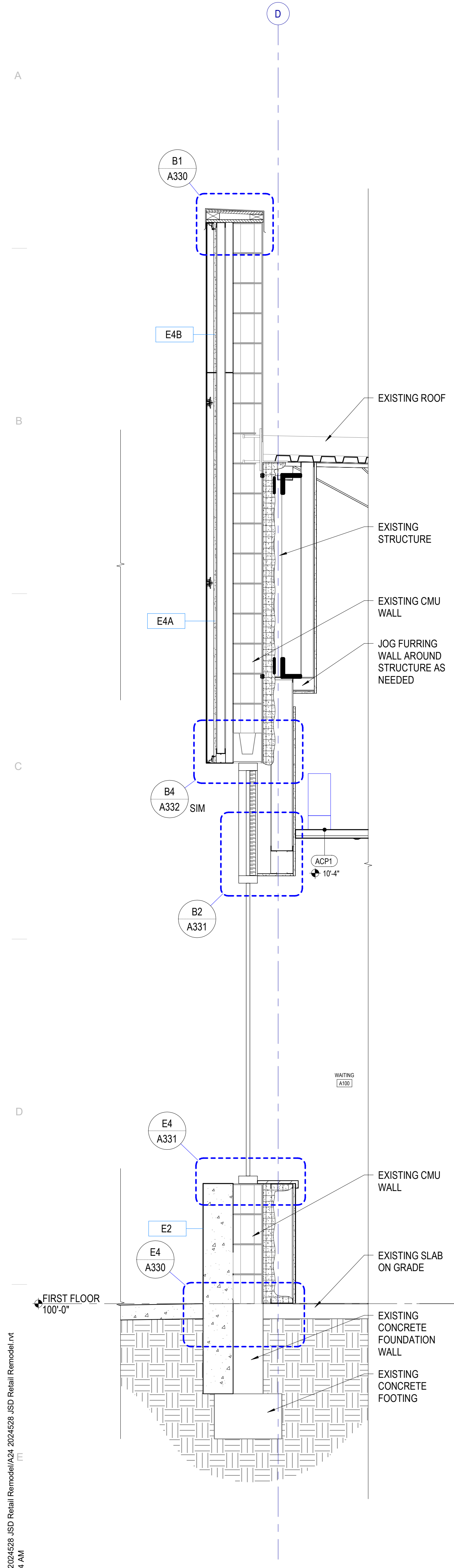
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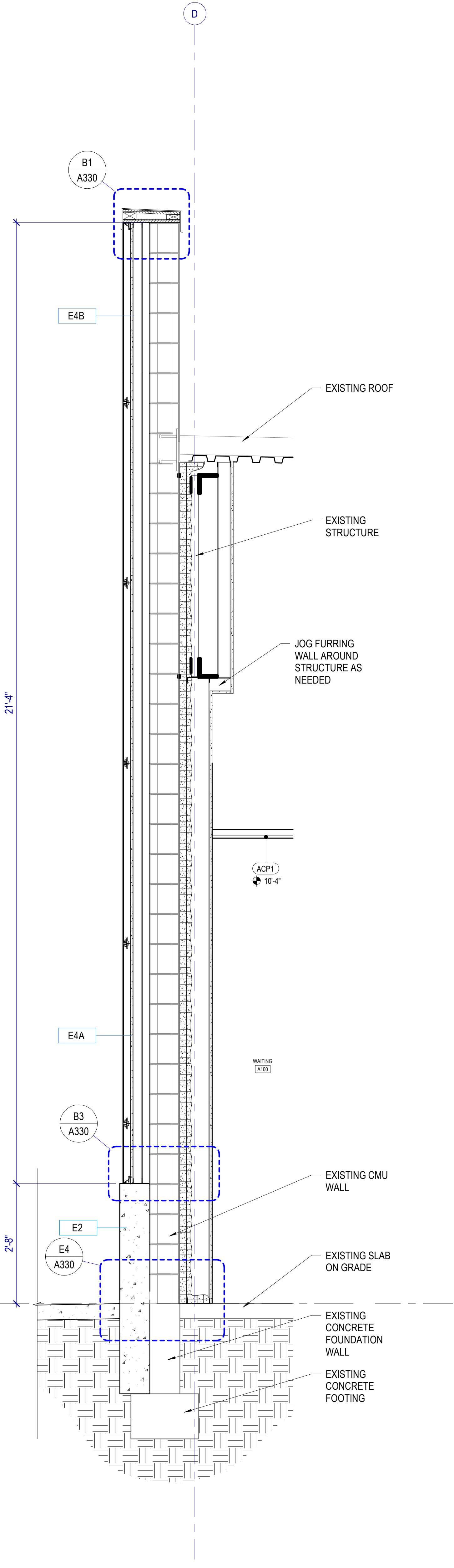
SHEET NAME
WALL SECTIONS

SHEET NUMBER

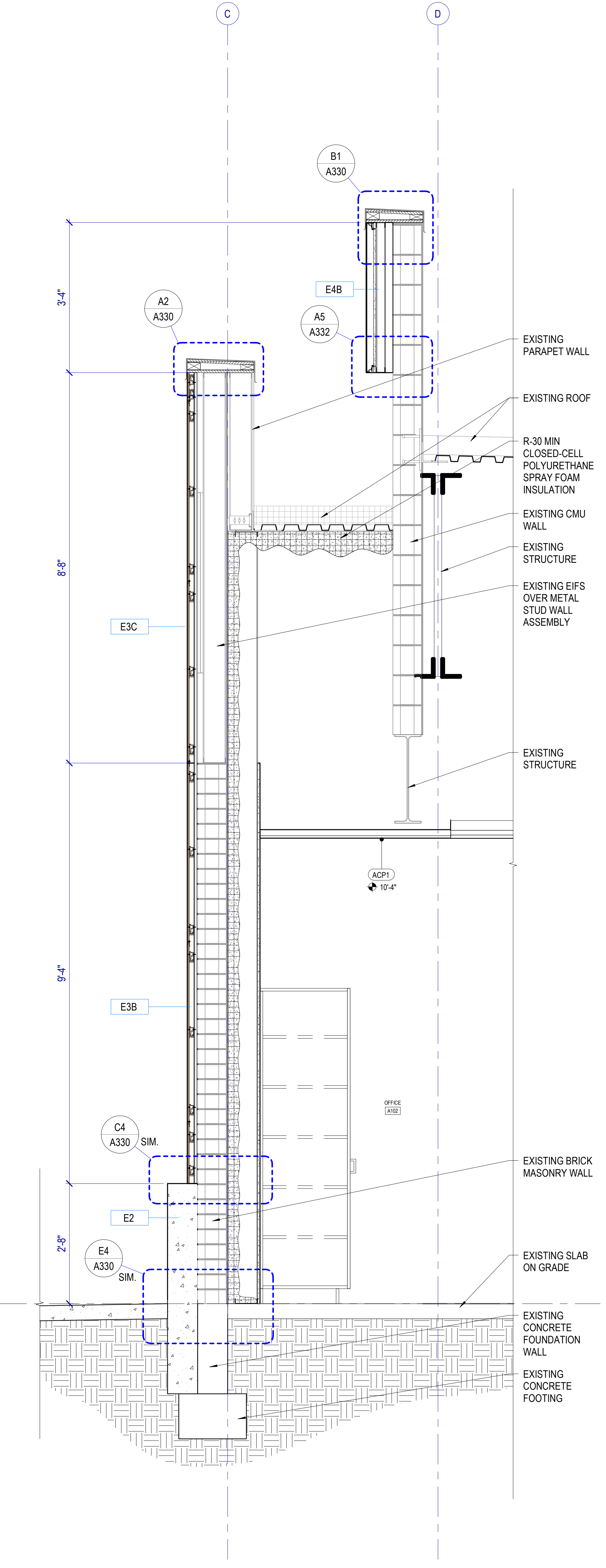
A310



E1 WALL SECTION
SCALE: 3/4" = 1'-0"



E2 WALL SECTION
SCALE: 3/4" = 1'-0"



E3 WALL SECTION
SCALE: 3/4" = 1'-0"

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WALL SECTION GENERAL NOTES

RE: Structural for concrete slab on grade thickness.

RE: G400 for Exterior Wall, Floor and Roof Types.

Air Barrier: Seal penetrations through the air barrier per manufacturer's details.

Spray-Applied Fireproofing: Where spray-applied fireproofing is removed for attachment of walls, hangers, clip angles, etc., re-apply the fireproofing material to re-establish the required level of protection.



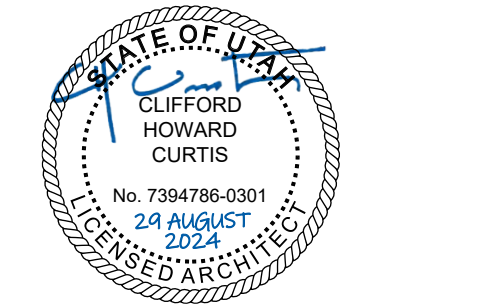
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SEAL



MHTN PROJECT NO: 2024528

Original Drawing is 36" x 42". Do not scale contents of this drawing.

REVISIONS:
CONTRACTOR TO VERIFY DRAWINGS IN FIELD. USE REFLECT LAST REVISION DATE.

NO. DATE DESCRIPTION

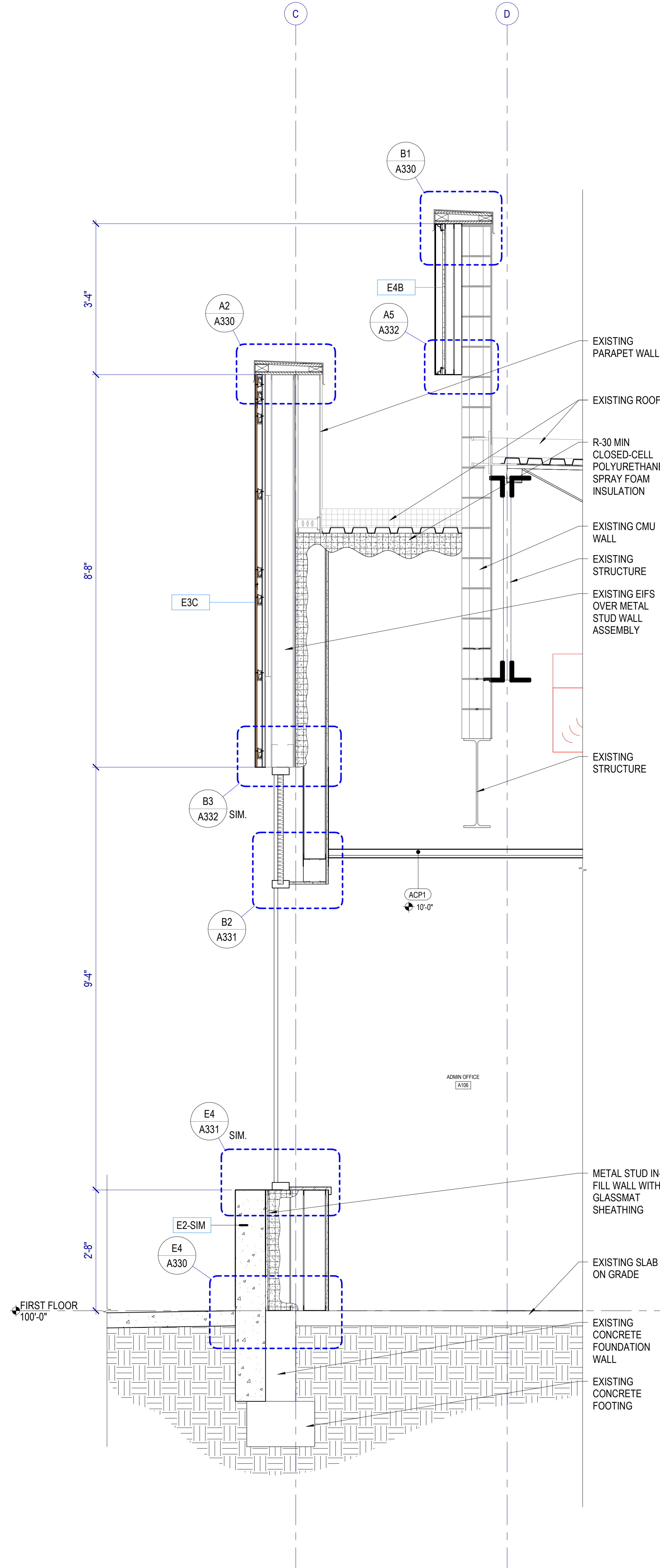
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ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

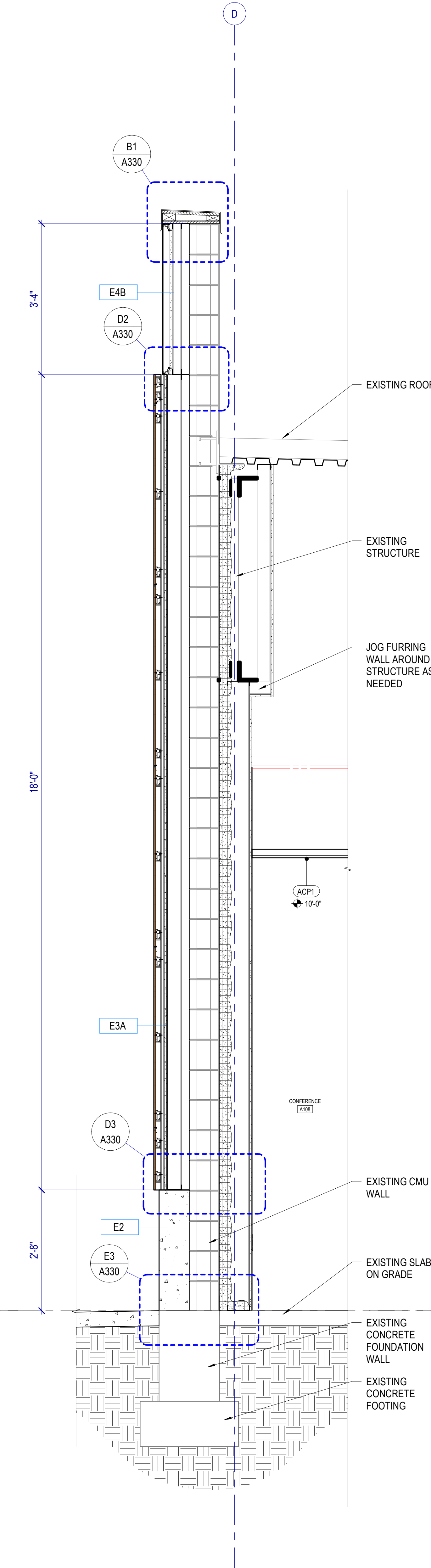
SHEET NAME
WALL SECTIONS

SHEET NUMBER

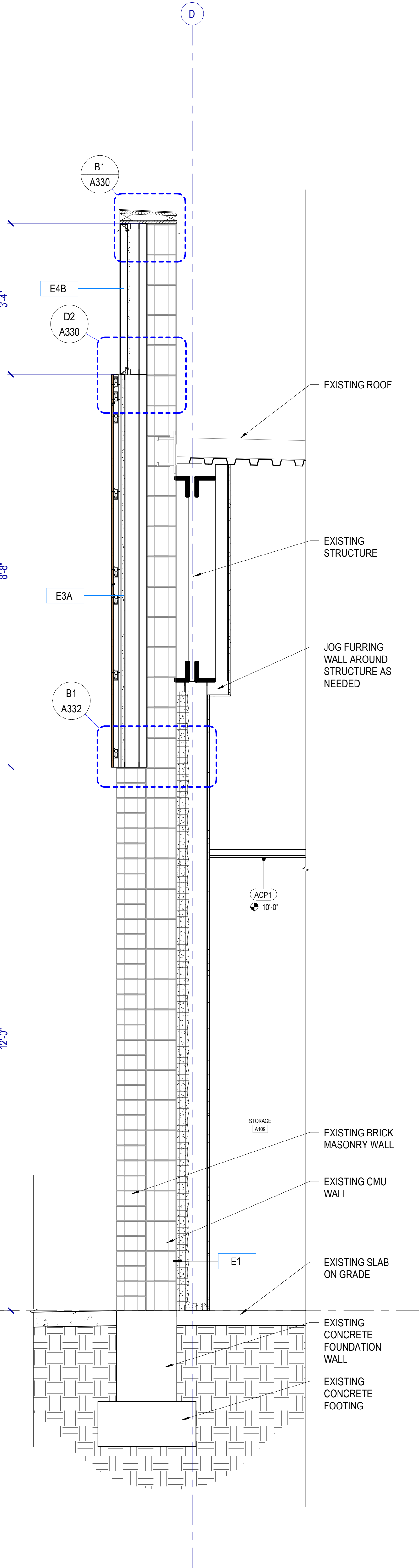
A311



E1 WALL SECTION
SCALE: 3/4" = 1'-0"



E3 WALL SECTION
SCALE: 3/4" = 1'-0"



E4 WALL SECTION
SCALE: 3/4" = 1'-0"

Autodesk Civil 3D 2024.528 - BSD Retail Remodel.dwg
8/29/2024 7:51:47 AM

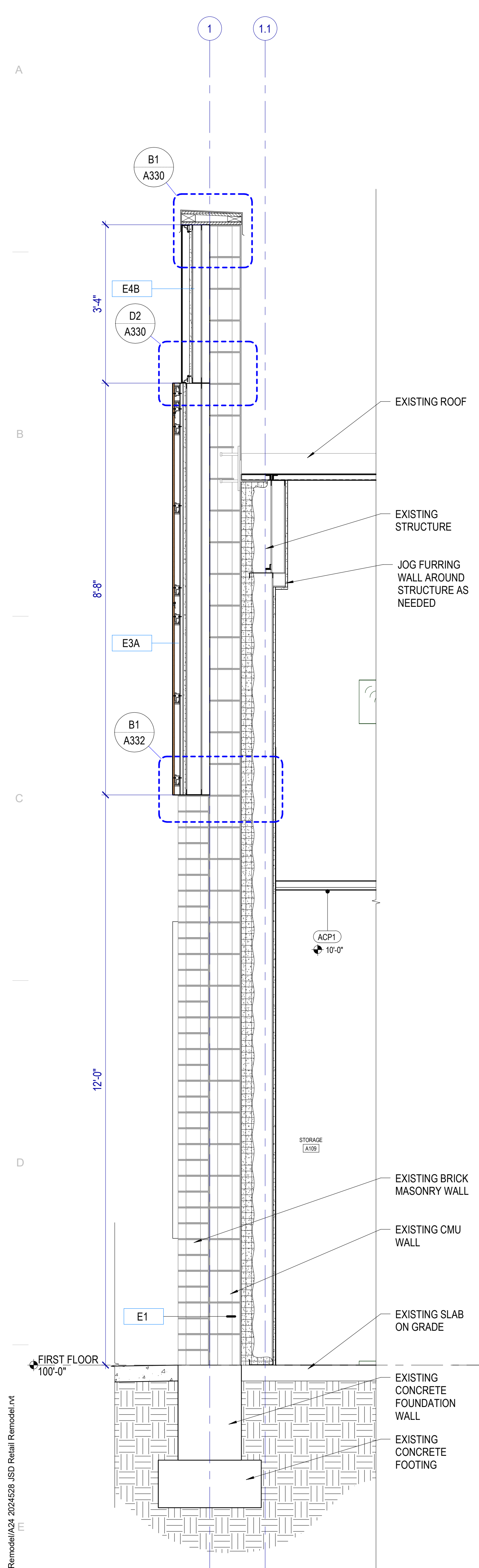
WALL SECTION GENERAL NOTES

RE: Structural for concrete slab on grade thickness.

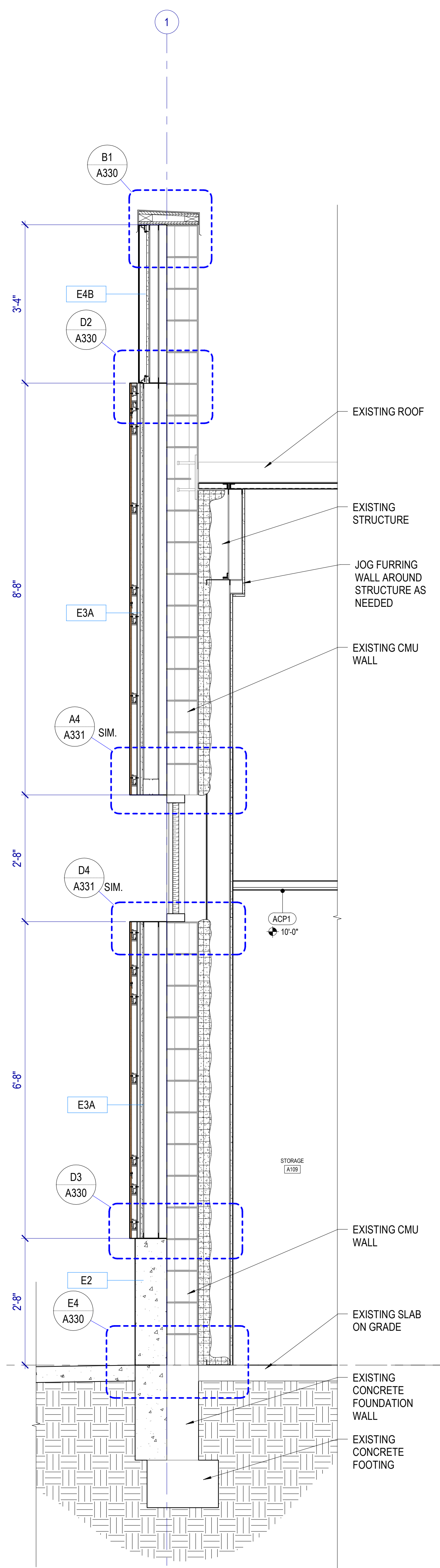
RE: G400 for Exterior Wall, Floor and Roof Types.

Air Barrier: Seal penetrations through the air barrier per manufacturer's details.

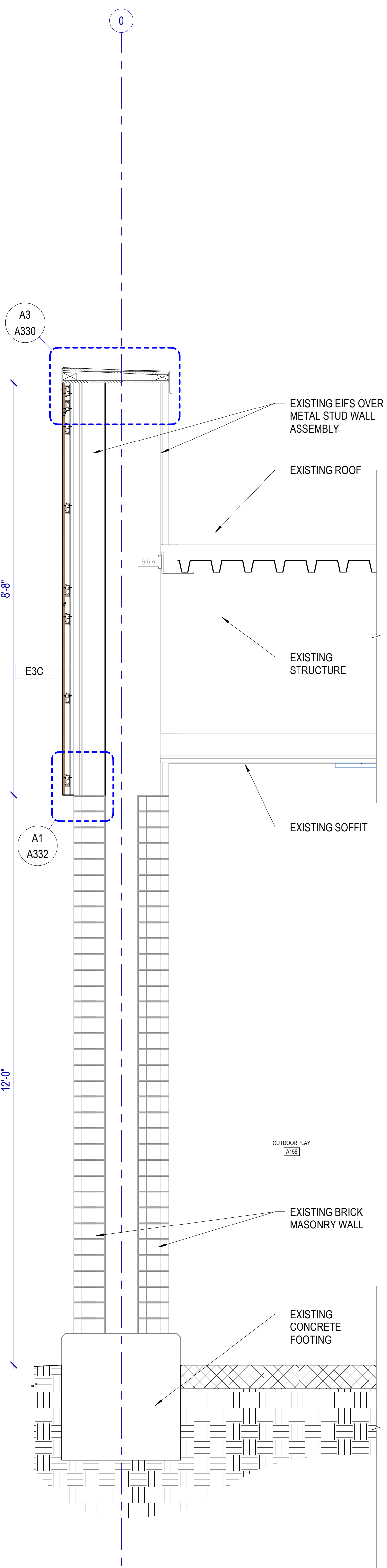
Spray-Applied Fireproofing: Where spray-applied fireproofing is removed for attachment of walls, hangers, clip angles, etc., re-apply the fireproofing material to re-establish the required level of protection.



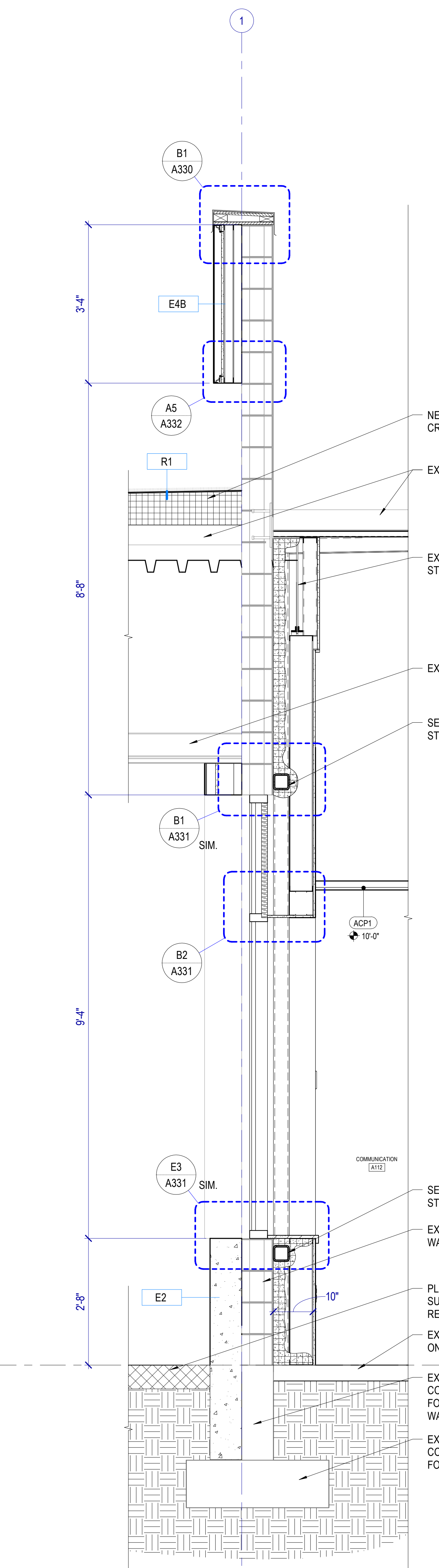
E1 WALL SECTION
 SCALE: 3/4" = 1'-0"



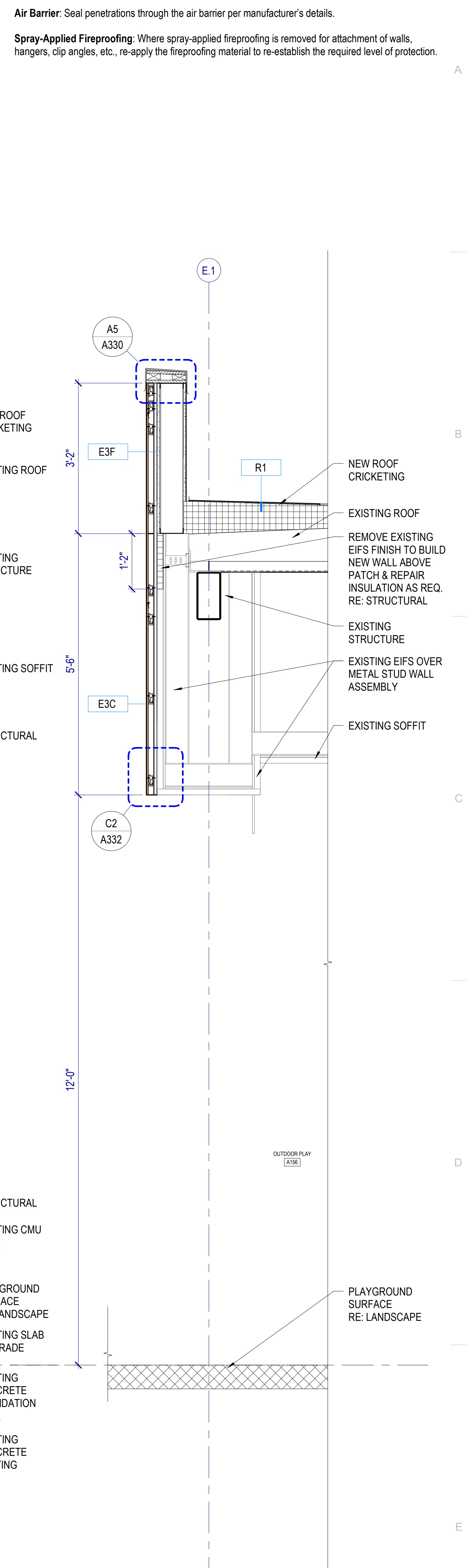
E2 WALL SECTION
 SCALE: 3/4" = 1'-0"



E3 WALL SECTION
 SCALE: 3/4" = 1'-0"



E4 WALL SECTION
 SCALE: 3/4" = 1'-0"

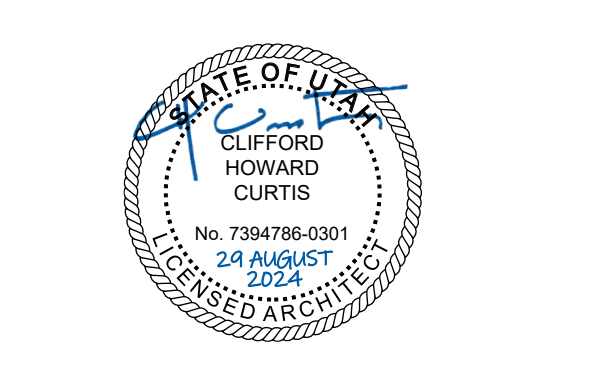


E5 WALL SECTION
 SCALE: 3/4" = 1'-0"



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MHTN PROJECT NO: 2024528
 Original drawing is 36 x 42. Do not scale contents of this drawing.

REVISIONS:
 CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE.

NO.	DATE	DESCRIPTION

ISSUE
 CONSTRUCTION DOCUMENTS
 AUGUST 29, 2024

SHEET NAME
WALL SECTIONS

SHEET NUMBER
A312

Autodesk Civil 3D 2024.5.28.83D Retail Remodel\A312_2024.5.28.83D Retail Remodel.rvt
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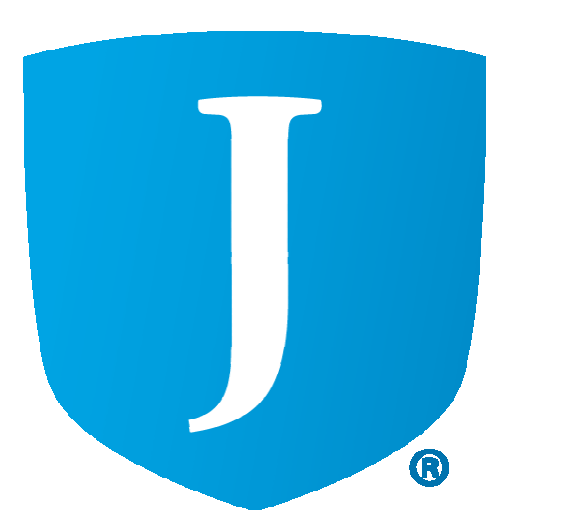
WALL SECTION GENERAL NOTES

RE: Structural for concrete slab on grade thickness.

RE: G400 for Exterior Wall, Floor and Roof Types.

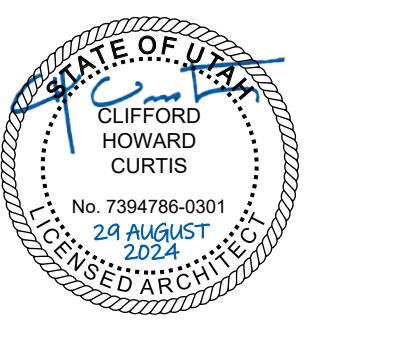
Air Barrier: Seal penetrations through the air barrier per manufacturer's details.

Spray-Applied Fireproofing: Where spray-applied fireproofing is removed for attachment of walls, hangers, clip angles, etc., re-apply the fireproofing material to re-establish the required level of protection.



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MHTN PROJECT NO. 2024528

Original drawing is 36" x 42". Do not scale contents of this drawing.

REVISIONS:
CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT
LAST REVISION DATE

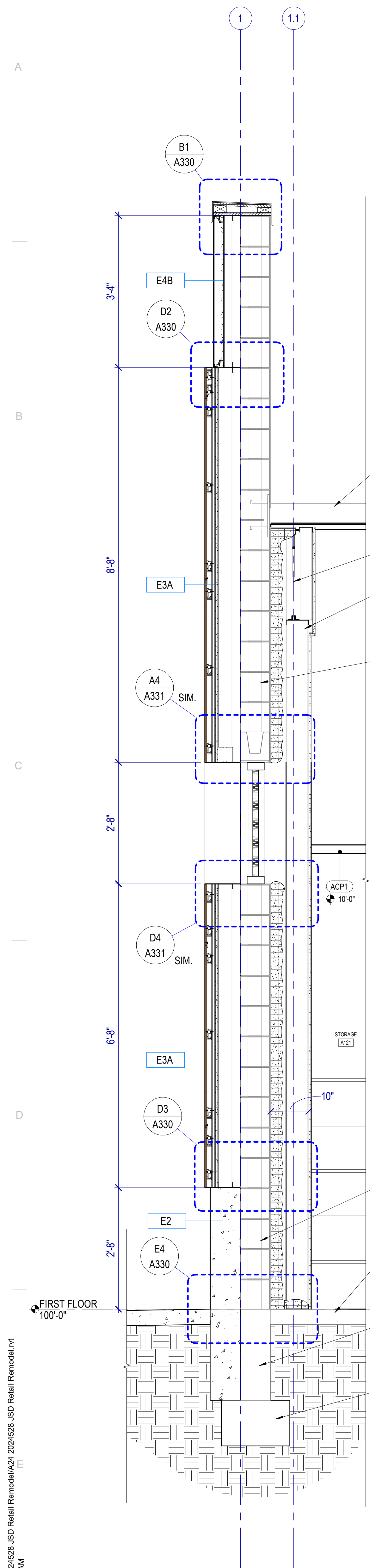
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CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

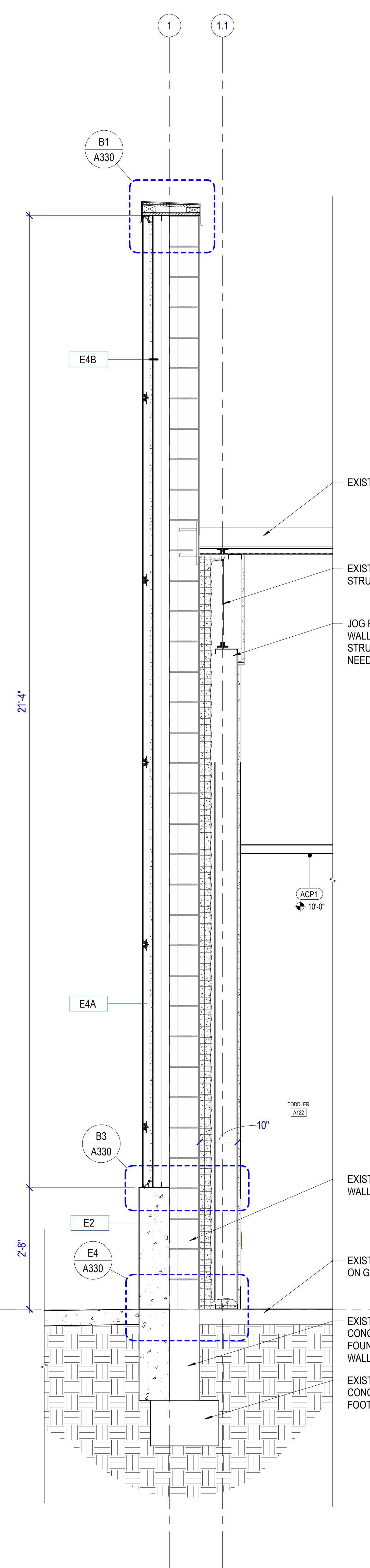
SHEET NAME
WALL SECTIONS

SHEET NUMBER

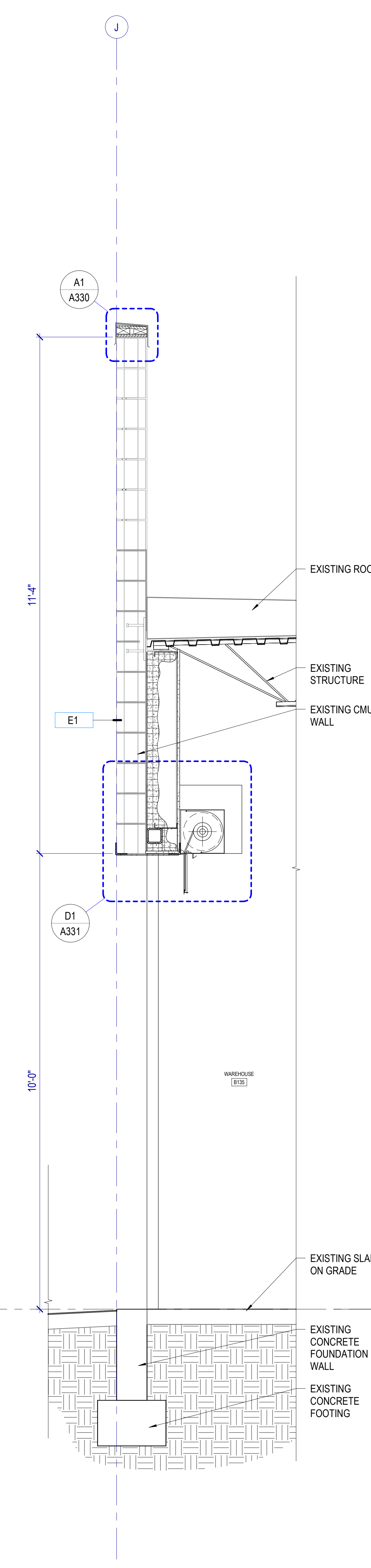
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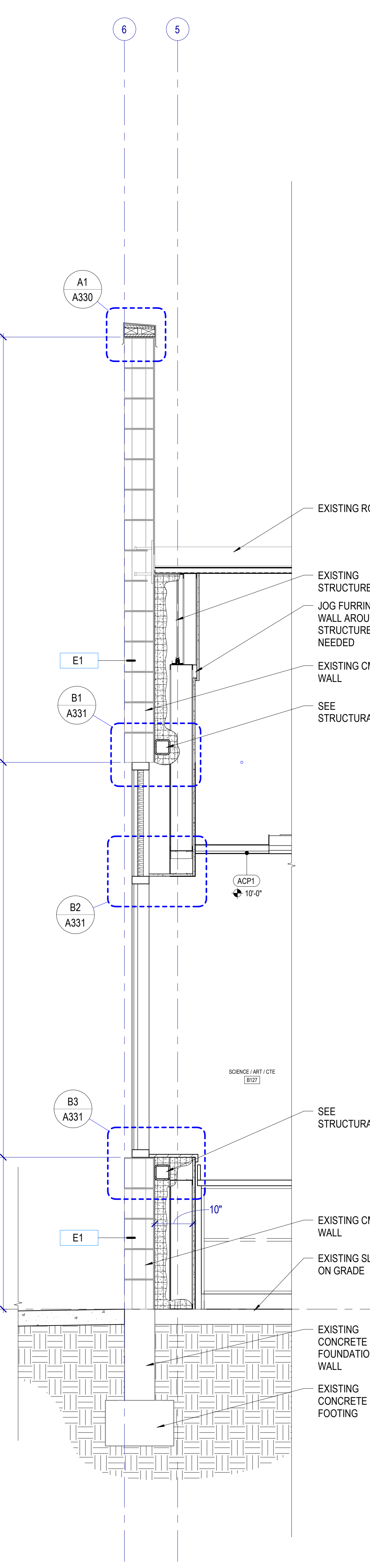
E1 WALL SECTION
SCALE: 3/4" = 1'-0"



E2 WALL SECTION
SCALE: 3/4" = 1'-0"



E3 WALL SECTION
SCALE: 3/4" = 1'-0"



E4 WALL SECTION
SCALE: 3/4" = 1'-0"

Autodesk Civil 3D 2024.5.28. BSD Retail Remodel (A313) 2024.5.28. BSD Retail Remodel.rvt
8/29/2024 7:51:53 AM

WALL SECTION GENERAL NOTES

RE: Structural for concrete slab on grade thickness.

RE: G400 for Exterior Wall, Floor and Roof Types.

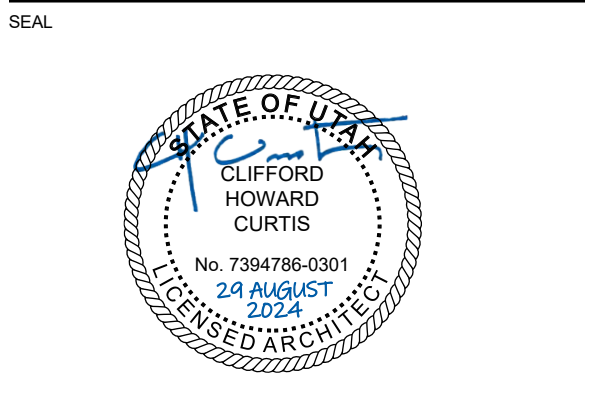
Air Barrier: Seal penetrations through the air barrier per manufacturer's details.

Spray-Applied Fireproofing: Where spray-applied fireproofing is removed for attachment of walls, hangers, clip angles, etc., re-apply the fireproofing material to re-establish the required level of protection.



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MHTN PROJECT NO: 2024528

Original drawing is 36" x 42". Do not scale contents of this drawing.

REVISIONS:
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LAST REVISION DATE

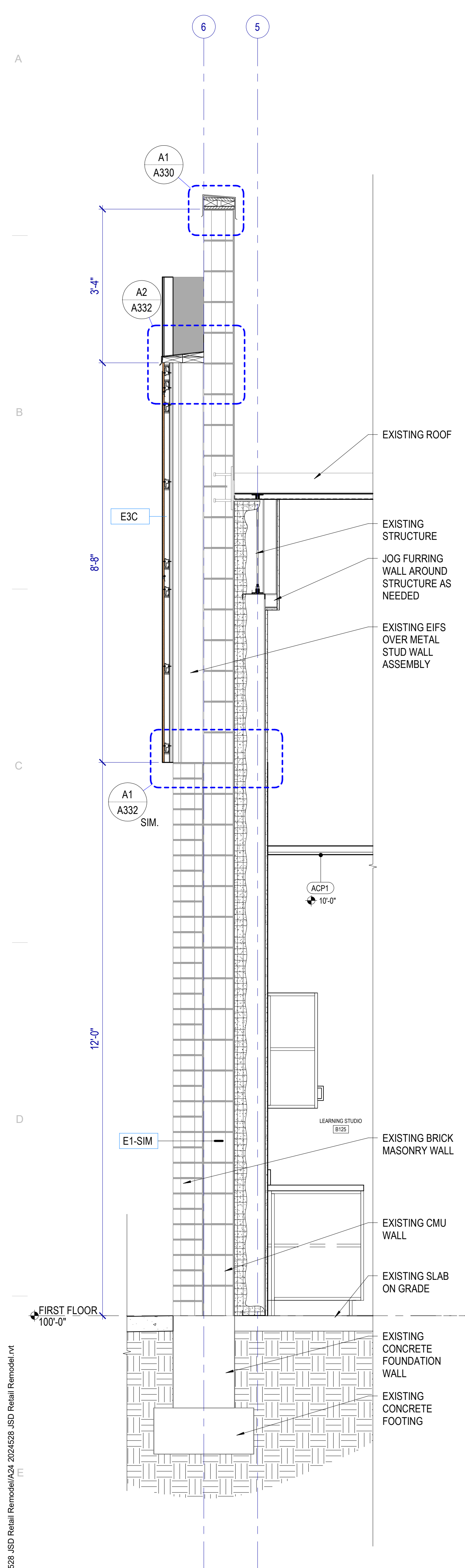
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CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

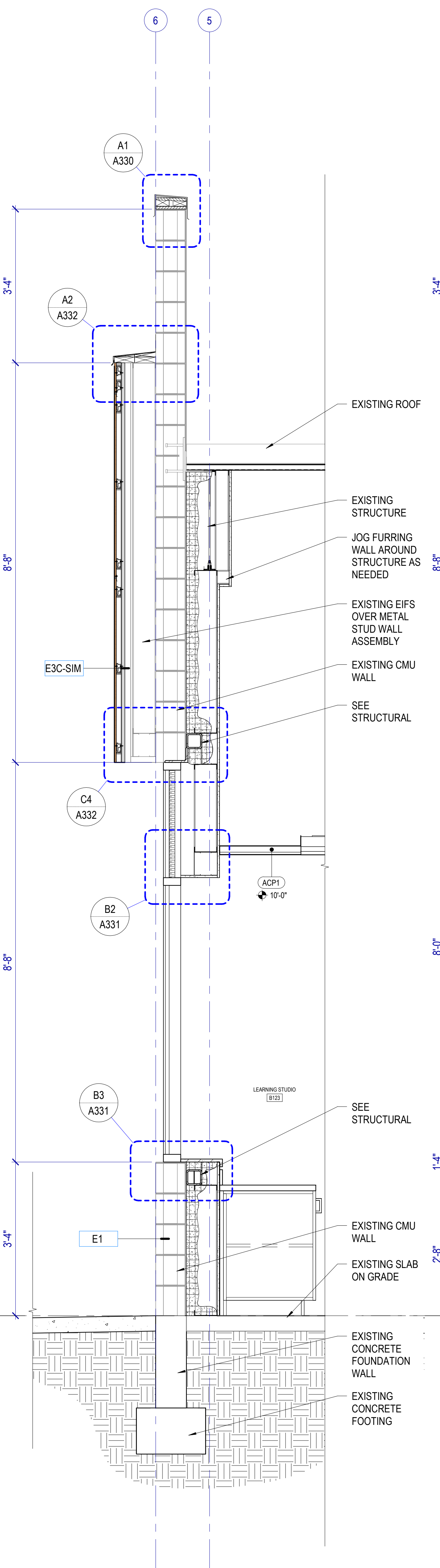
SHEET NAME
WALL SECTIONS

SHEET NUMBER

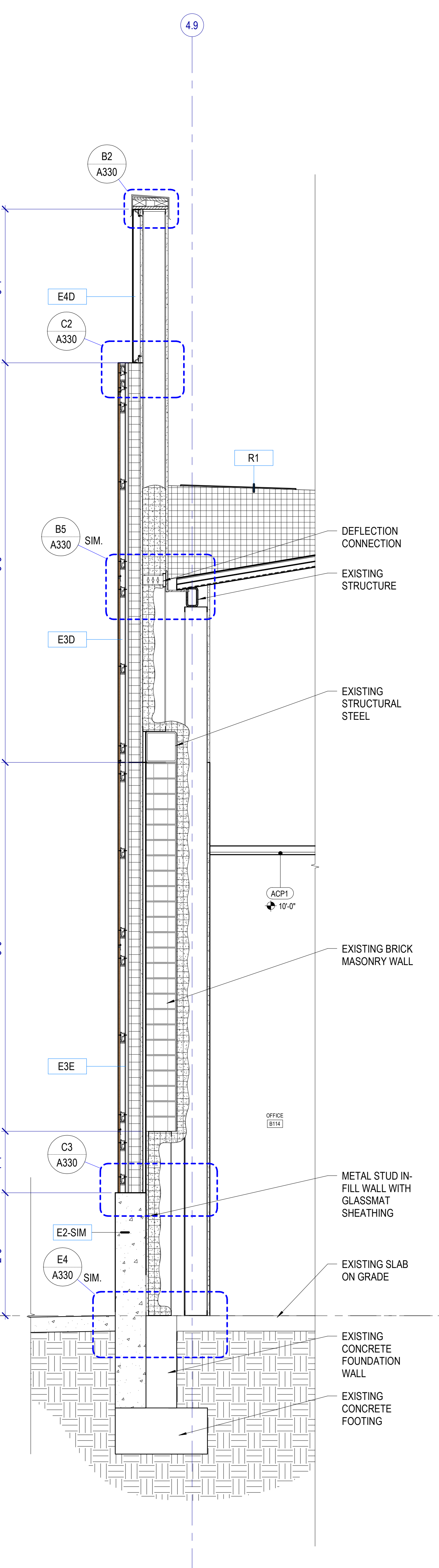
A314



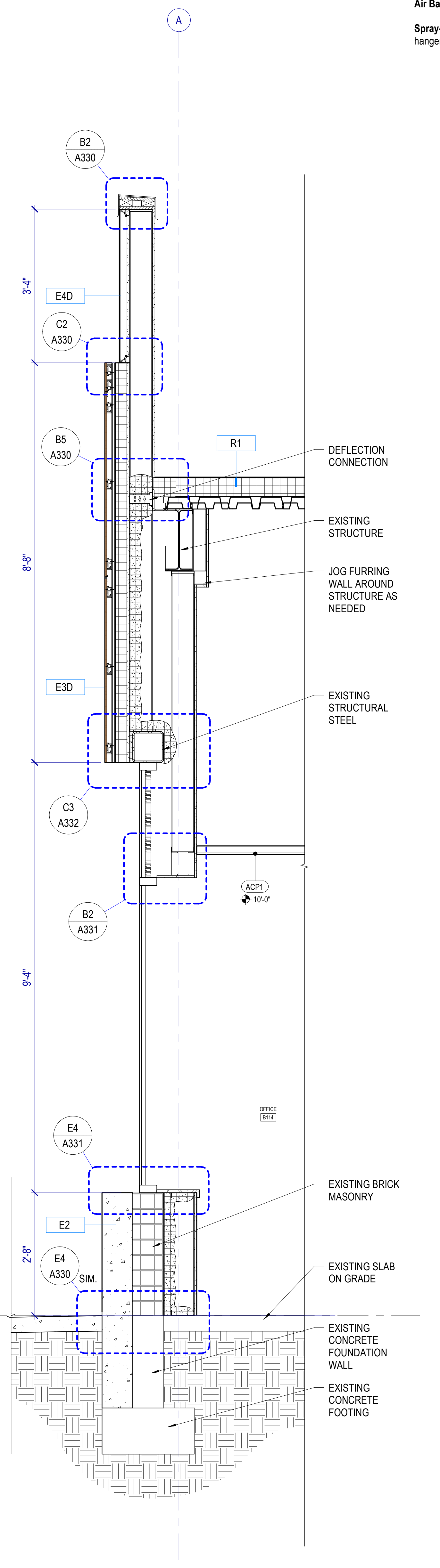
E1 WALL SECTION
SCALE: 3/4" = 1'-0"



E2 WALL SECTION
SCALE: 3/4" = 1'-0"



E3 WALL SECTION
SCALE: 3/4" = 1'-0"



E4 WALL SECTION
SCALE: 3/4" = 1'-0"

Autodesk Civil 3D 2024.528 - RD Retail Remodel (A314 - 2024.528 - RD Retail Remodel.rvt) 8/29/2024 7:51:57 AM

WALL SECTION GENERAL NOTES

RE: Structural for concrete slab on grade thickness.

RE: G400 for Exterior Wall, Floor and Roof Types.

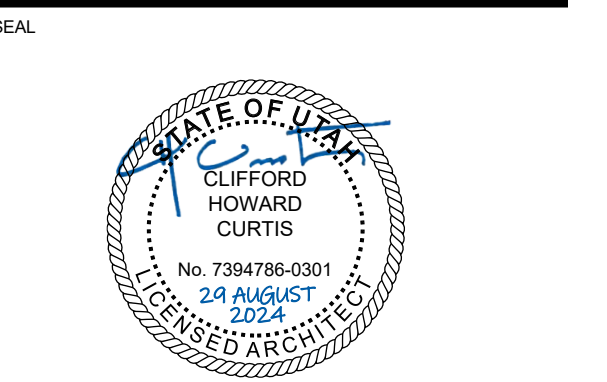
Air Barrier: Seal penetrations through the air barrier per manufacturer's details.

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MHTN PROJECT NO. 2024528

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LAST REVISION DATE

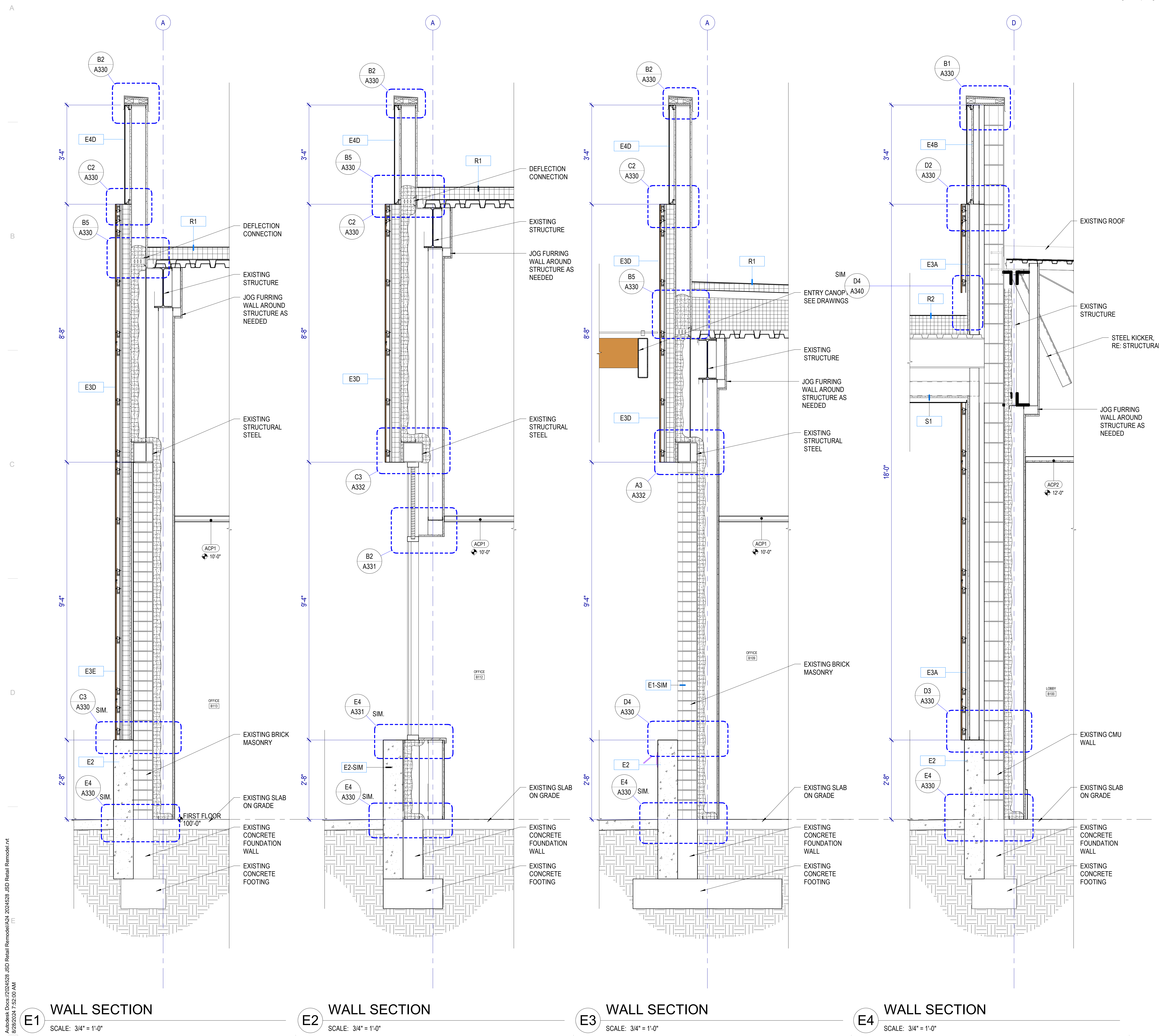
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ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME
WALL SECTIONS

SHEET NUMBER

A315



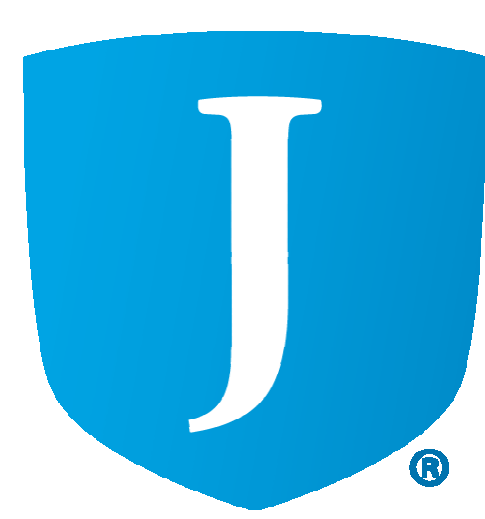
E1 WALL SECTION
SCALE: 3/4" = 1'-0"

E2 WALL SECTION
SCALE: 3/4" = 1'-0"

E3 WALL SECTION
SCALE: 3/4" = 1'-0"

E4 WALL SECTION
SCALE: 3/4" = 1'-0"

Autodesk Civil 3D 2024.528 - BDD Retail Remodel (A315 - 2024.528 - BDD Retail Remodel.rvt)
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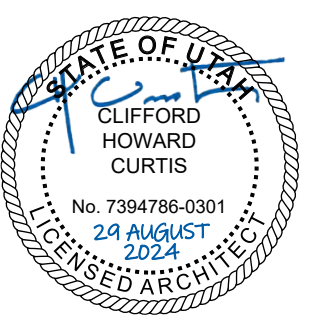


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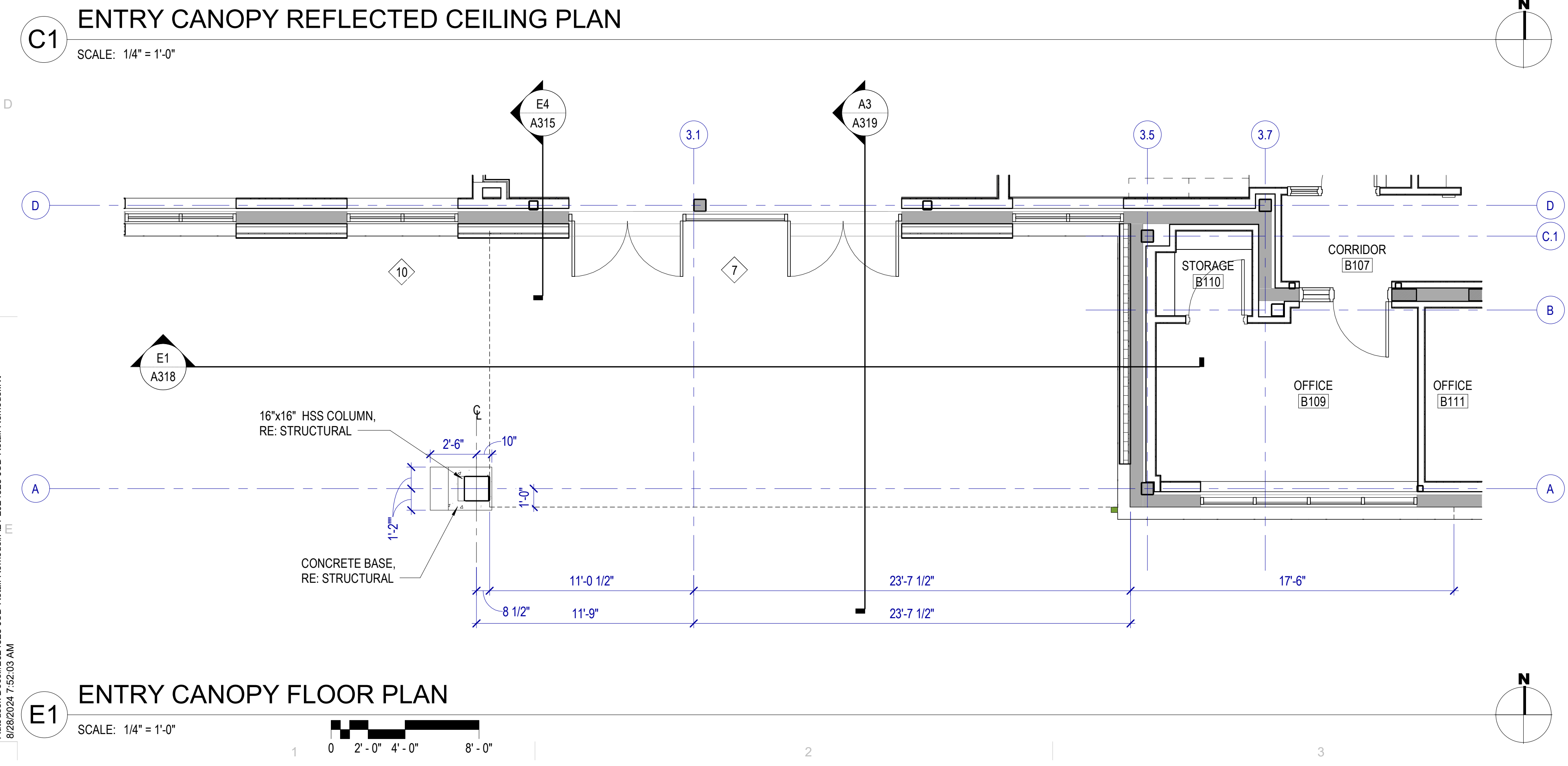
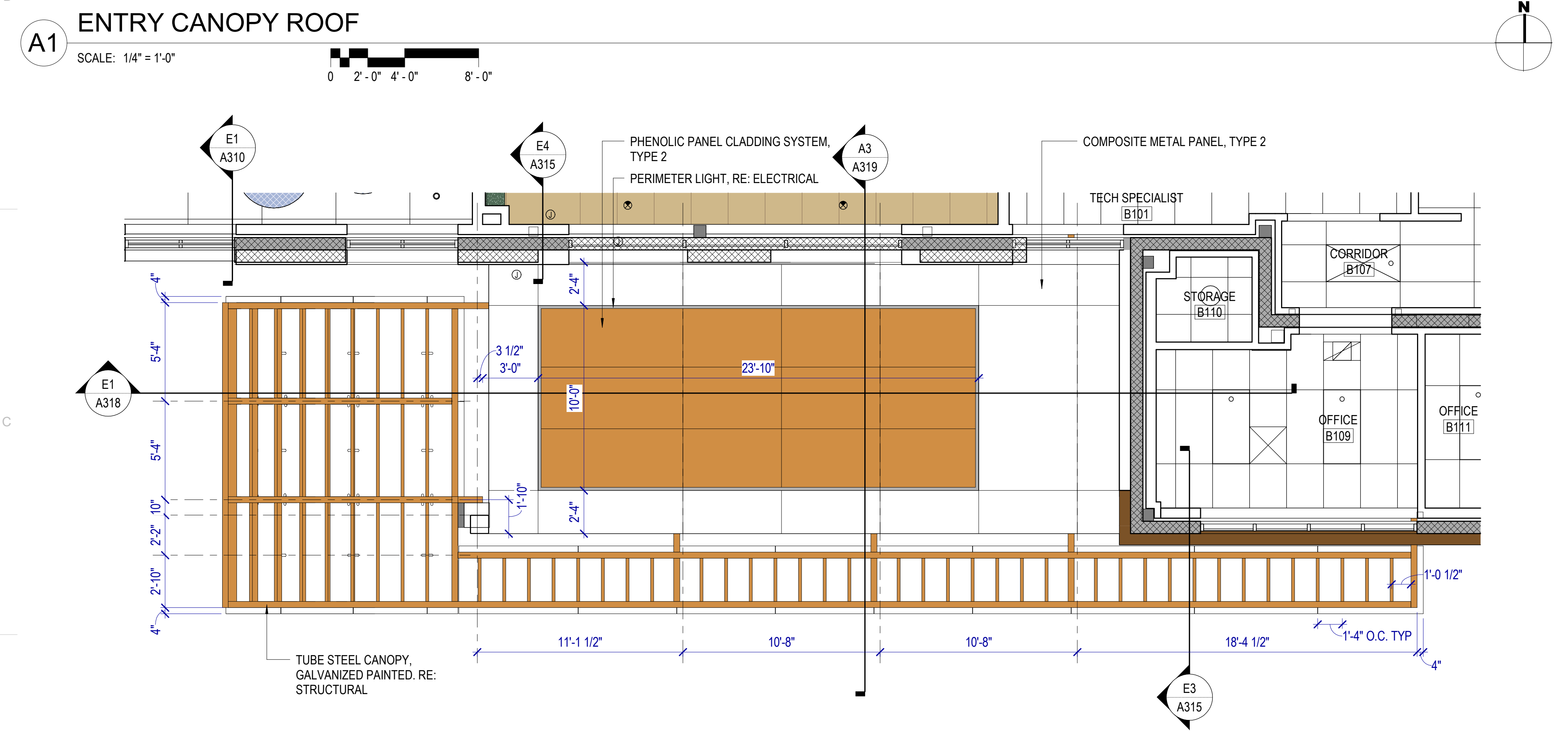
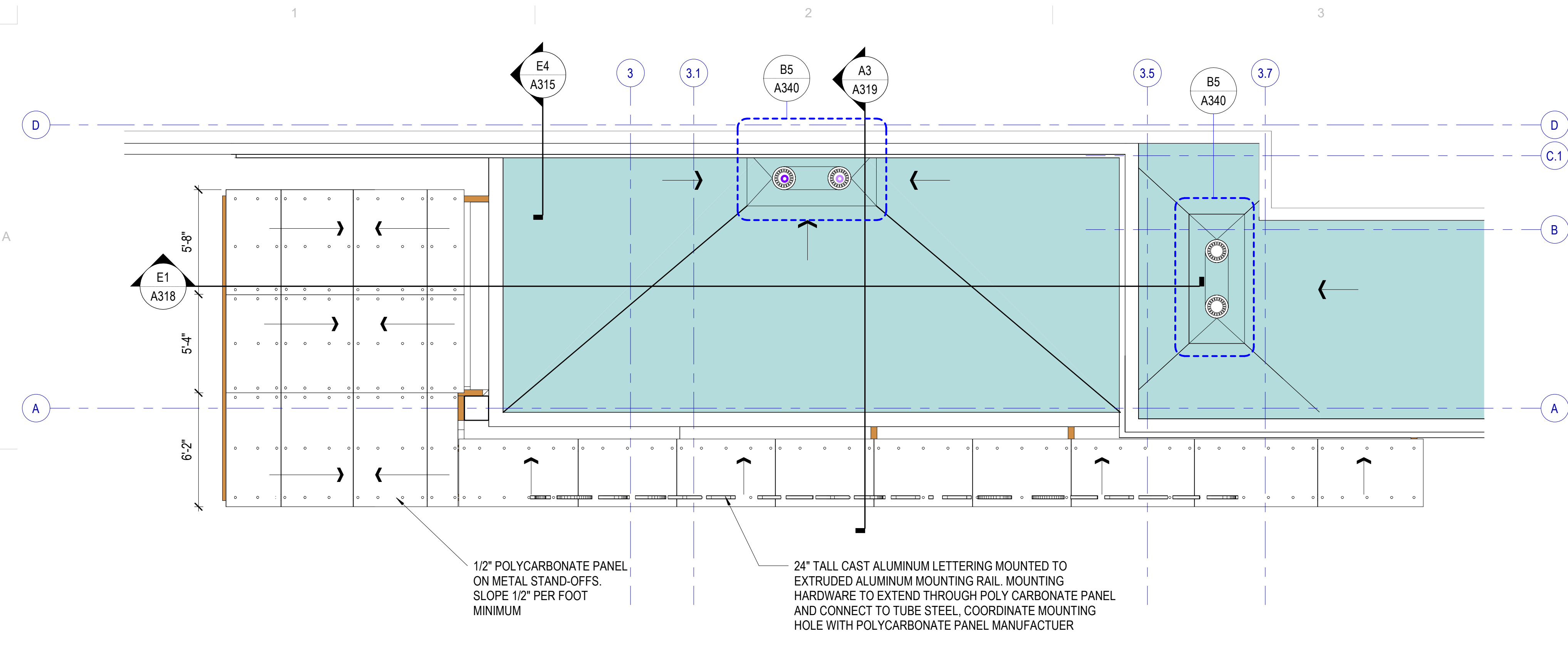
MHTN PROJECT NO: 2024528
VIEW AND PRINT THIS DRAWING IN COLOR
Original drawing is 36 x 42. Do not scale contents of this drawing.
REVISIONS:
CONTRACTOR TO VERIFY DIMENSIONS IN FIELD USE REFLECT LAST REVISION DATE.

NO.	DATE	DESCRIPTION

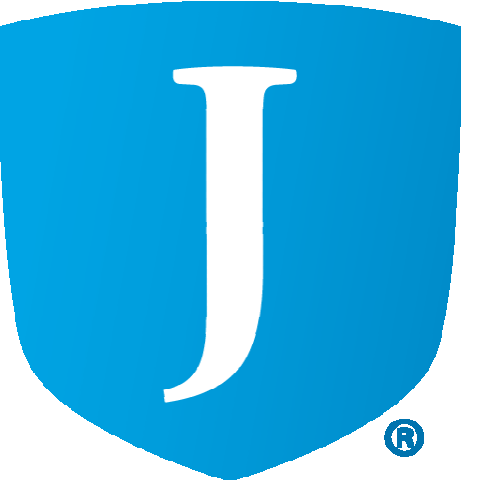
ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME
ENTRY CANOPY

SHEET NUMBER
A316



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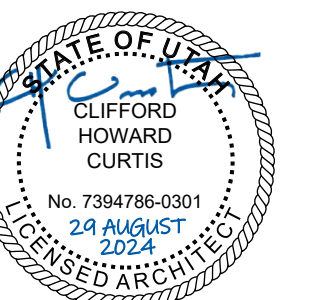


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VIEW AND PRINT THIS DRAWING IN COLOR
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REVISIONS:
 CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT
 LAST REVISION DATE

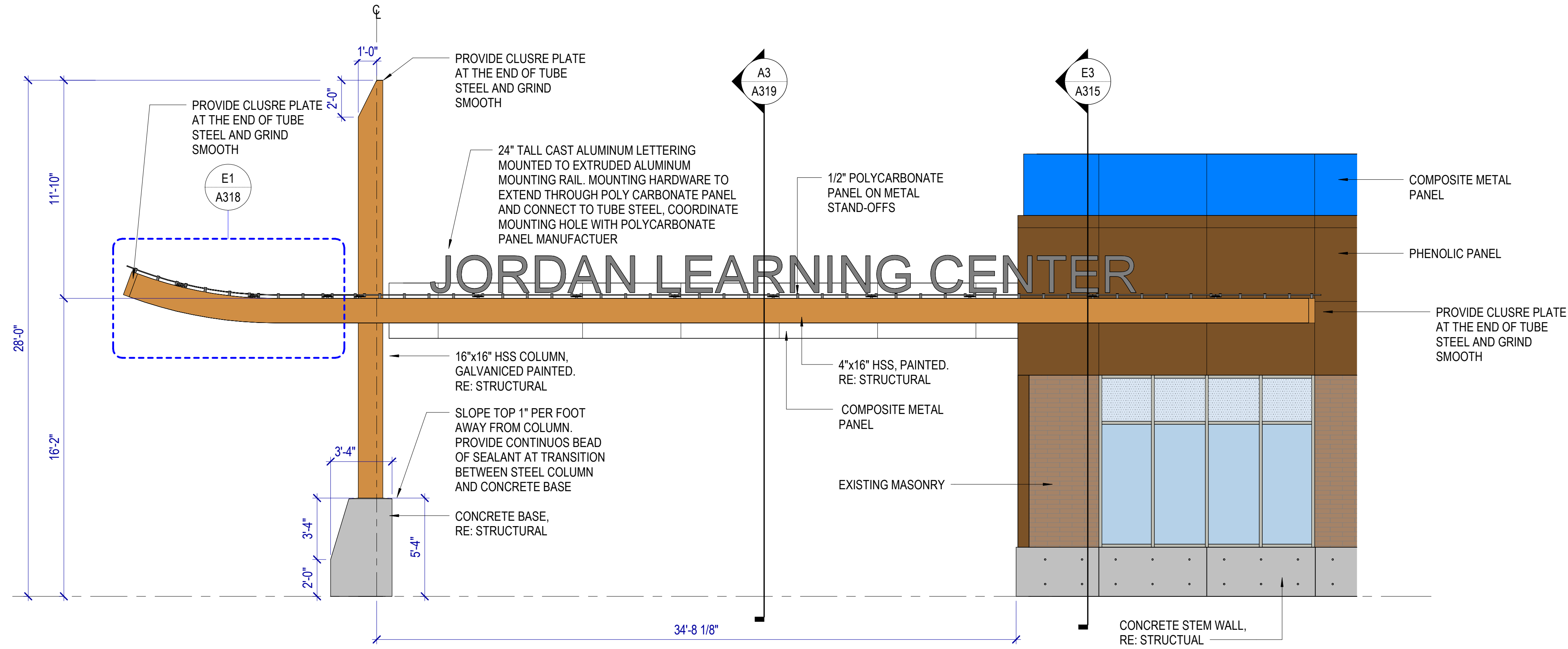
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ISSUE
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 AUGUST 29, 2024

SHEET NAME
ENTRY CANOPY

SHEET NUMBER

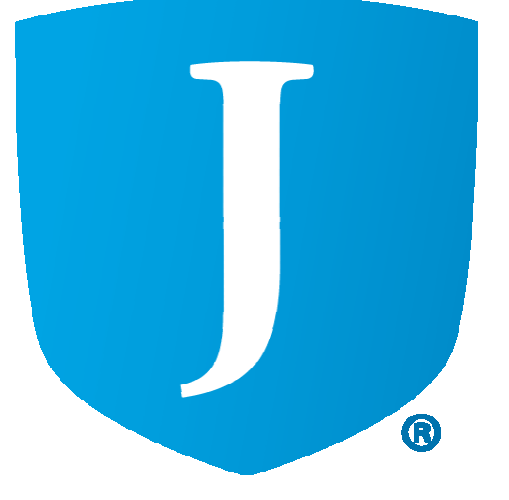
A317



C1 ENTRY CANOPY ELEVATION
 SCALE: 1/4" = 1'-0"



CANOPY AXONOMETRIC



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WALL SECTION GENERAL NOTES

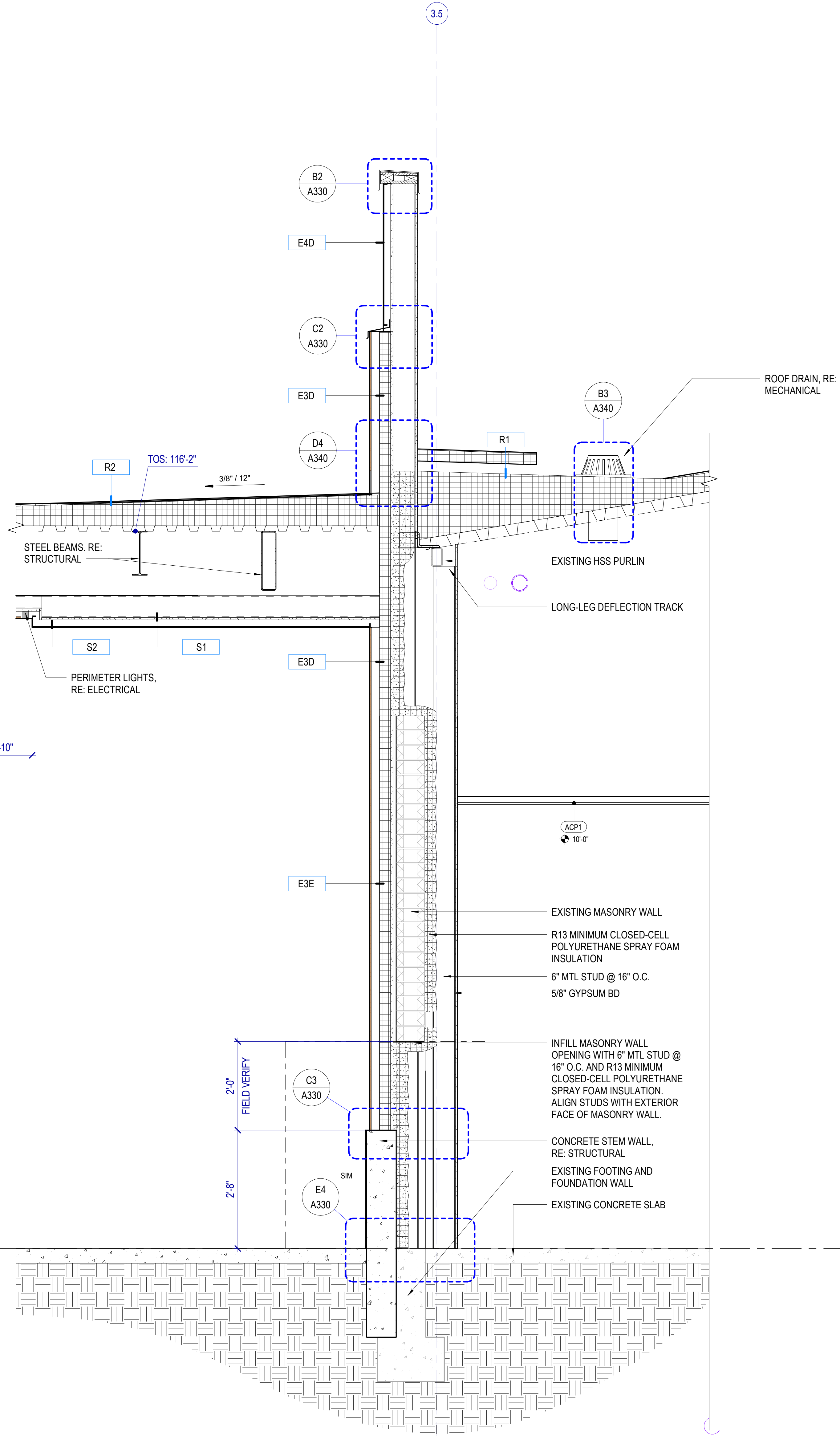
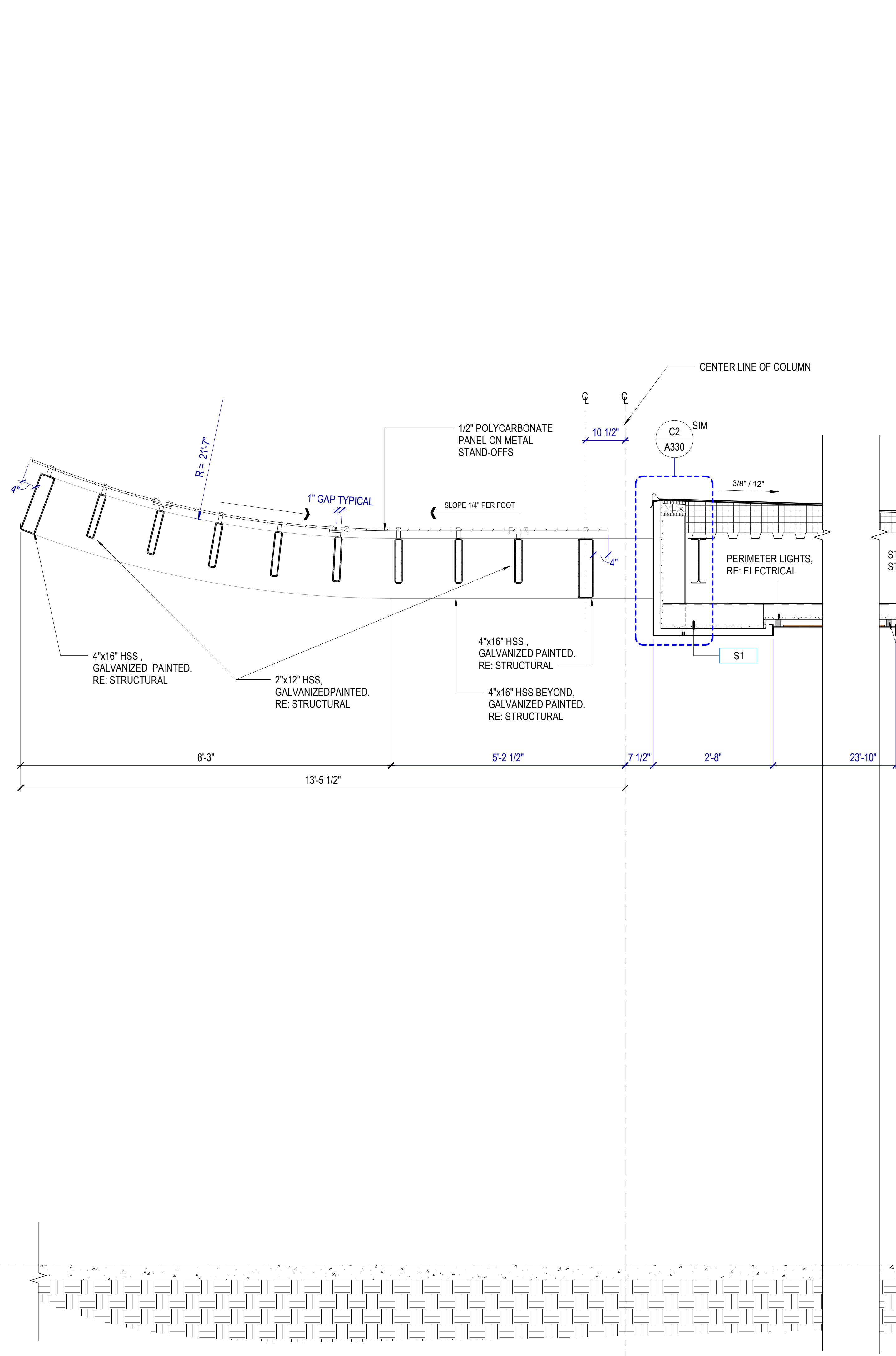
RE: Structural for concrete slab on grade thickness.

RE: G400 for Exterior Wall, Floor and Roof Types.

Air Barrier: Seal penetrations through the air barrier per manufacturer's details.

Spray-Applied Fireproofing: Where spray-applied fireproofing is removed for attachment of walls, hangers, clip angles, etc., re-apply the fireproofing material to re-establish the required level of protection.

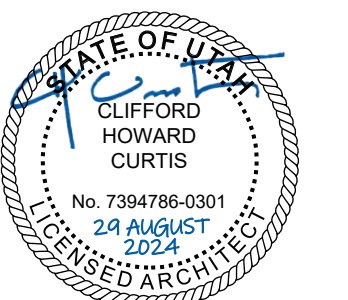
A
B
C
D
E
Autodesk Civil 3D 2024.5.28 - RD Retail Remodel.dwg 2024.5.28 - RD Retail Remodel.rvt
8/29/2024 7:52:10 AM



E1 CANOPY & WALL SECTION

SCALE: 3/4" = 1'-0"

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CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE.

NO.	DATE	DESCRIPTION

ISSUE: CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME: ENTRY CANOPY

SHEET NUMBER: **A318**

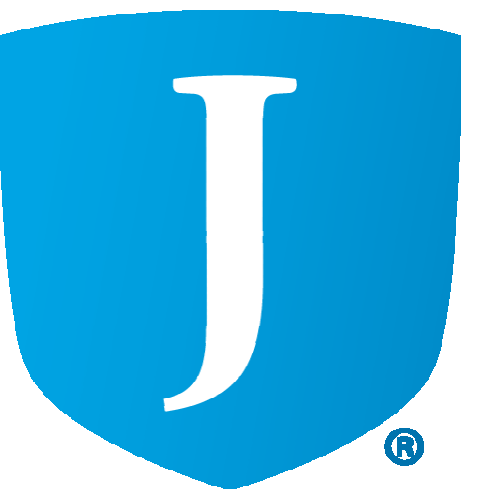
WALL SECTION GENERAL NOTES

RE: Structural for concrete slab on grade thickness.

RE: G400 for Exterior Wall, Floor and Roof Types.

Air Barrier: Seal penetrations through the air barrier per manufacturer's details.

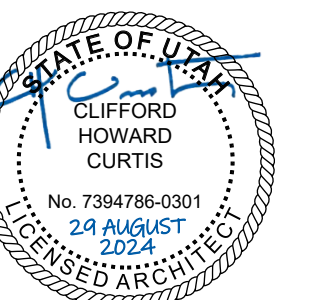
Spray-Applied Fireproofing: Where spray-applied fireproofing is removed for attachment of walls, hangers, clip angles, etc., re-apply the fireproofing material to re-establish the required level of protection.



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SEAL



MHTN PROJECT NO: 2024528
VIEW AND PRINT THIS DRAWING IN COLOR

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REVISIONS:
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LAST REVISION DATE

NO.	DATE	DESCRIPTION

ISSUE

CONSTRUCTION DOCUMENTS

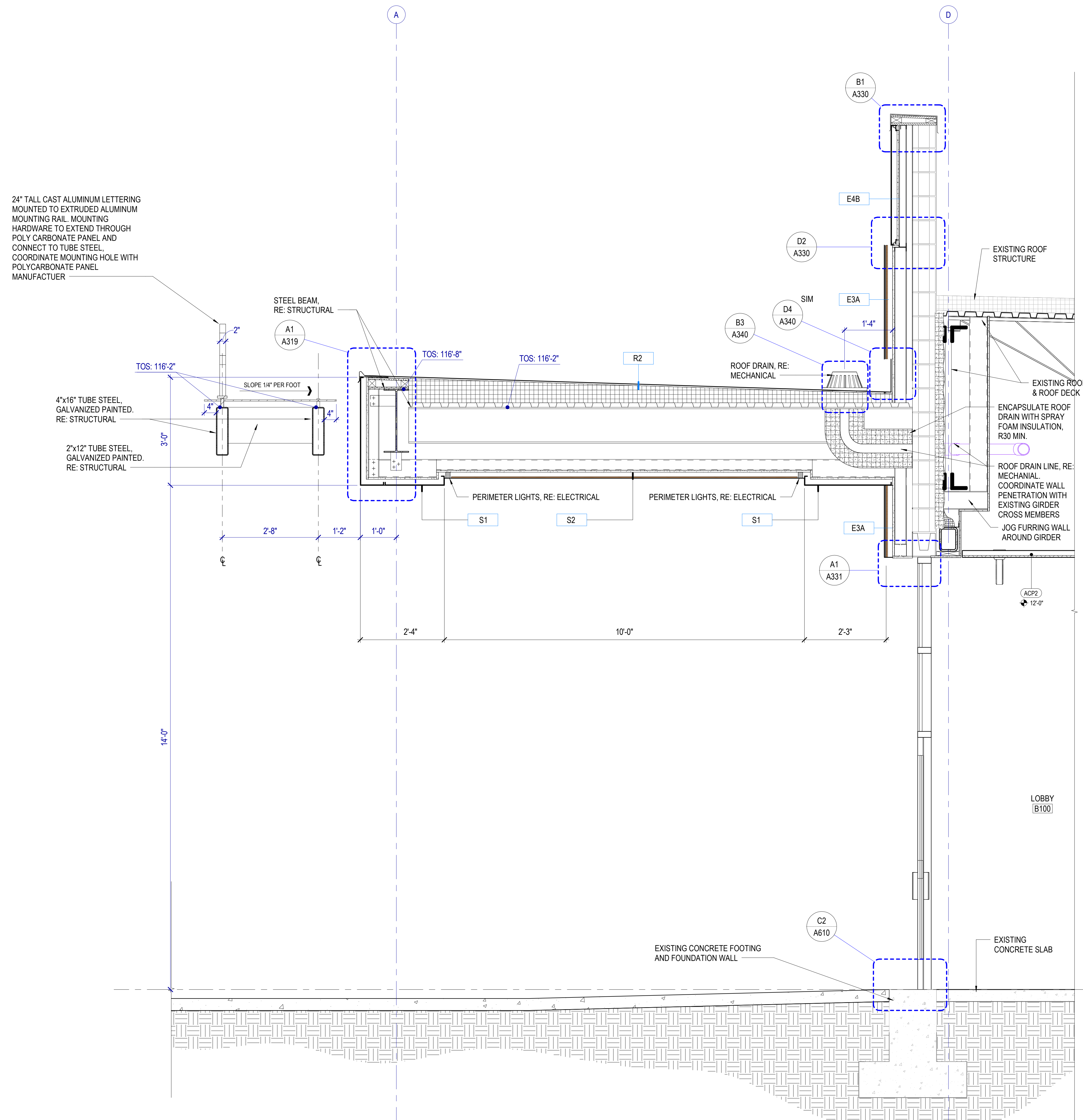
AUGUST 29, 2024

SHEET NAME

ENTRY CANOPY

SHEET NUMBER

A319



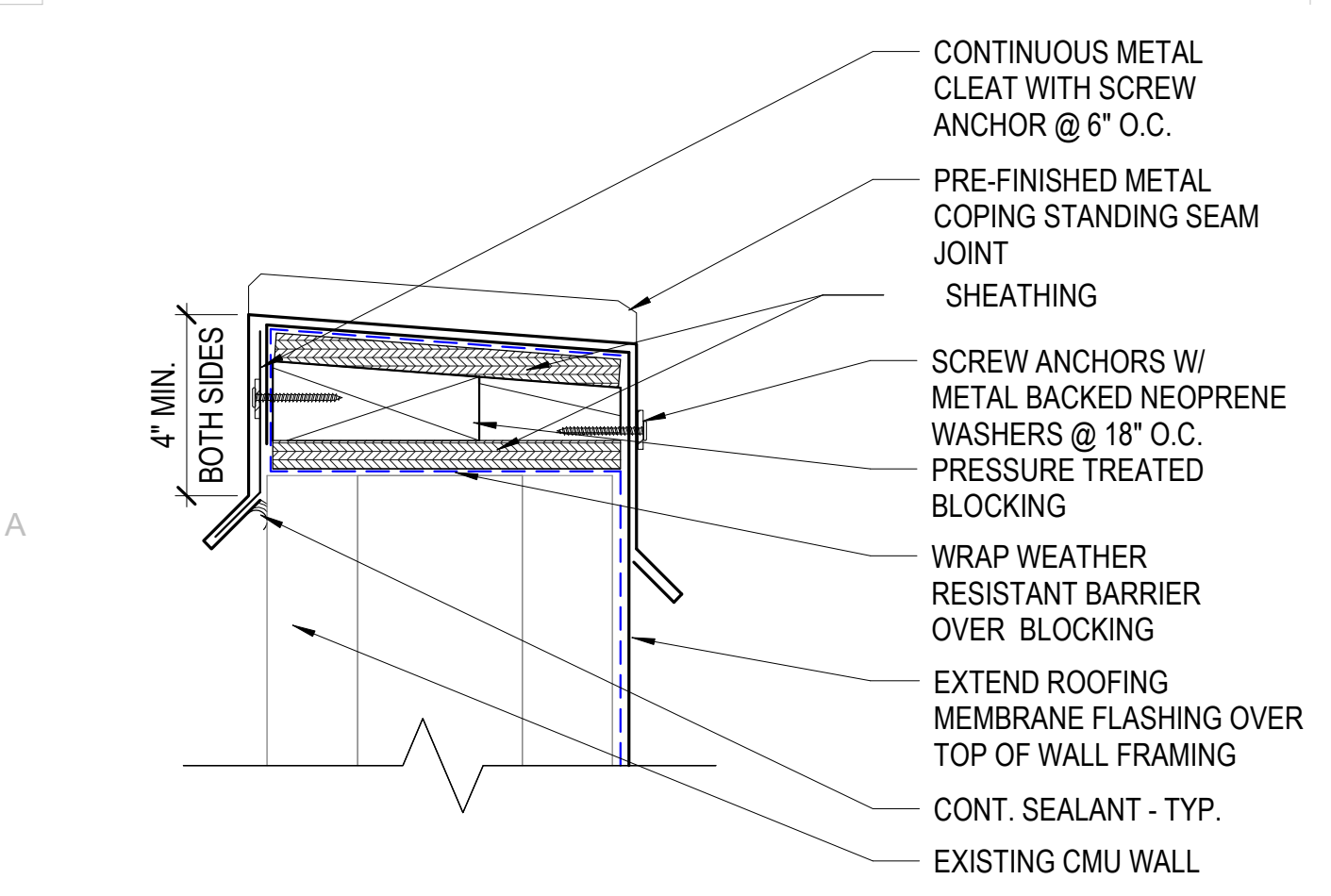
A1 GRAVEL STOP DETAIL

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

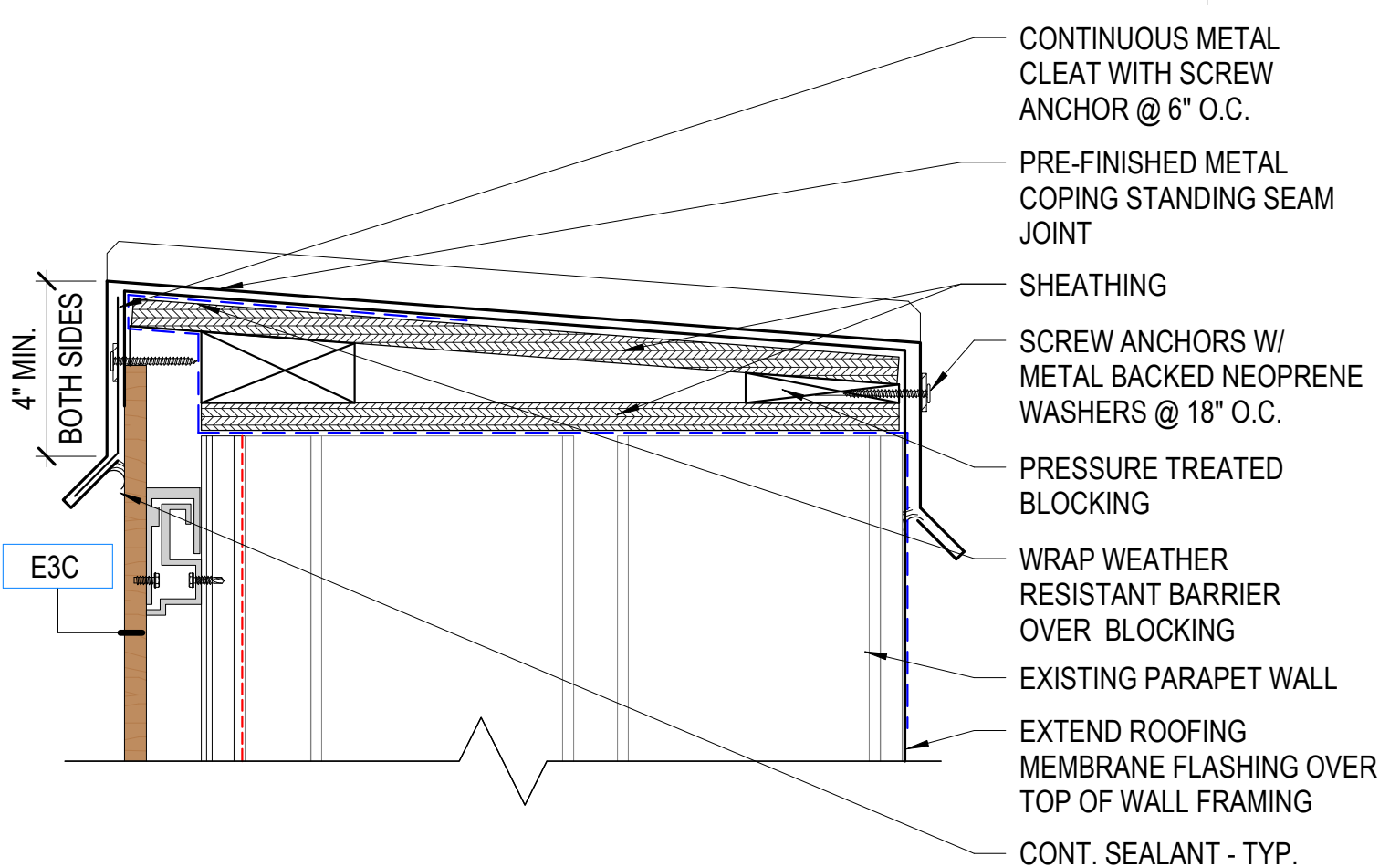
A3 WALL SECTION

SCALE: 3/4" = 1'-0"

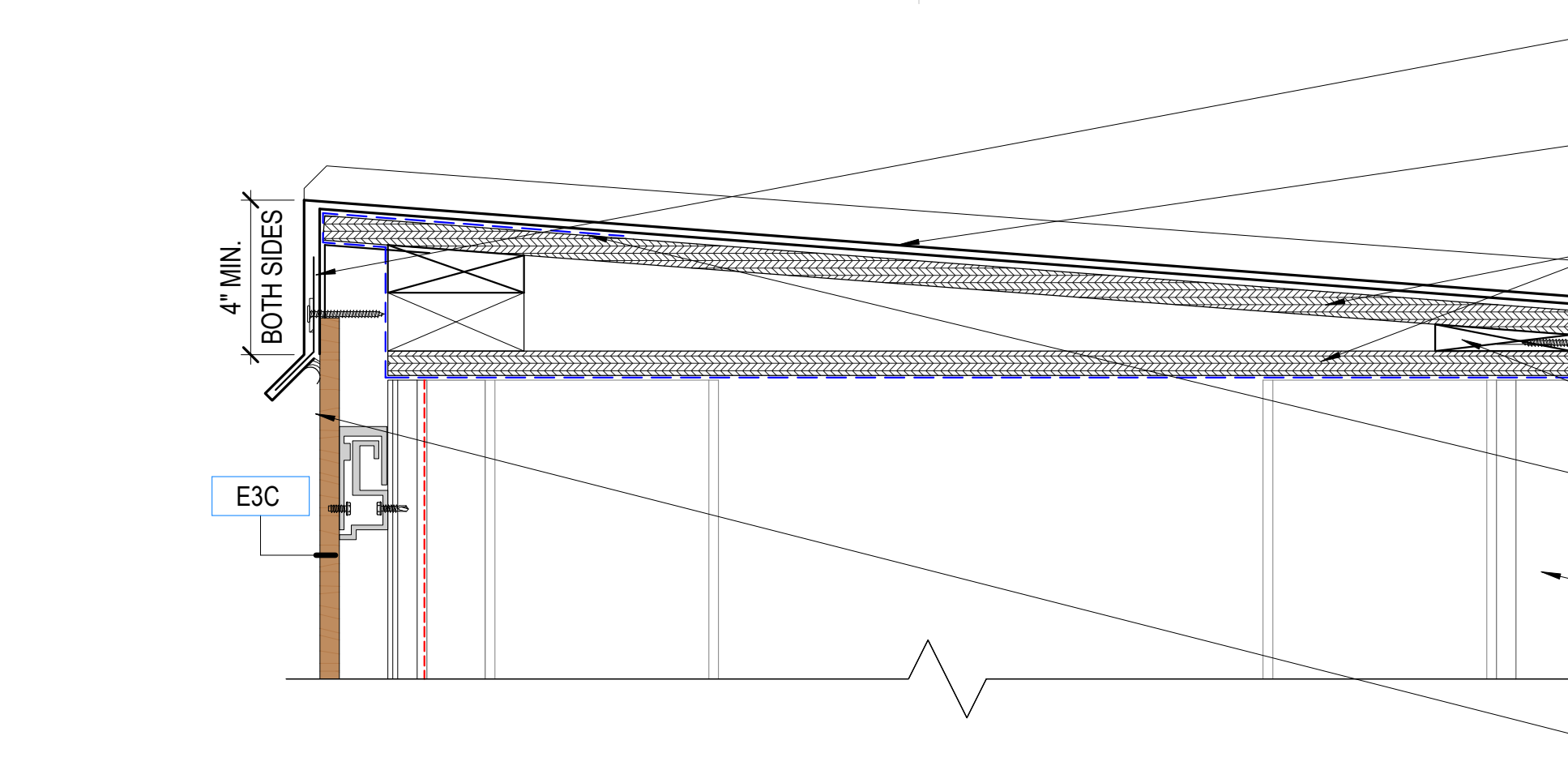
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8/29/2024 7:52:12 AM



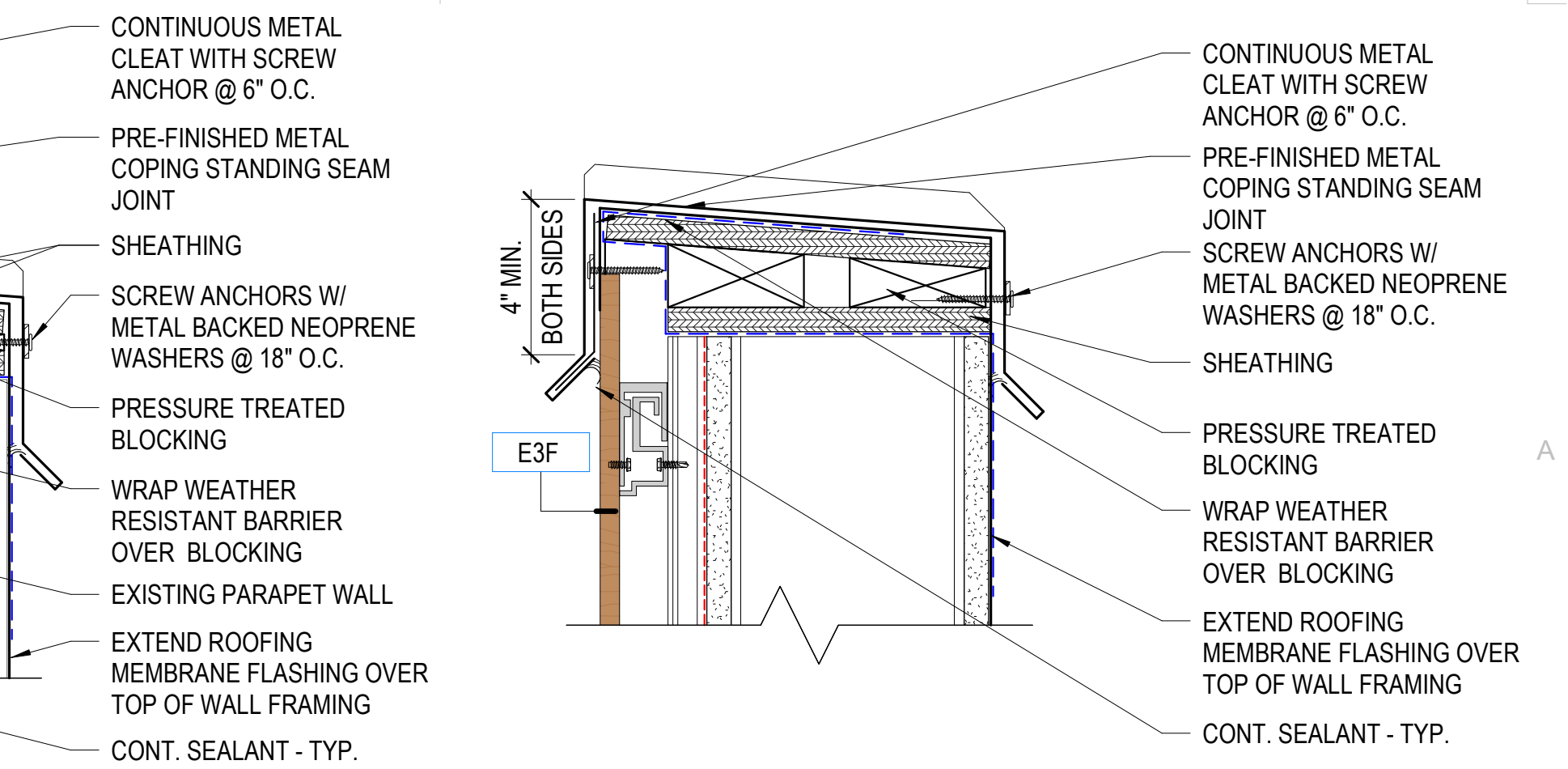
A1 PARAPET DETAIL
 SCALE: 3" = 1'-0"



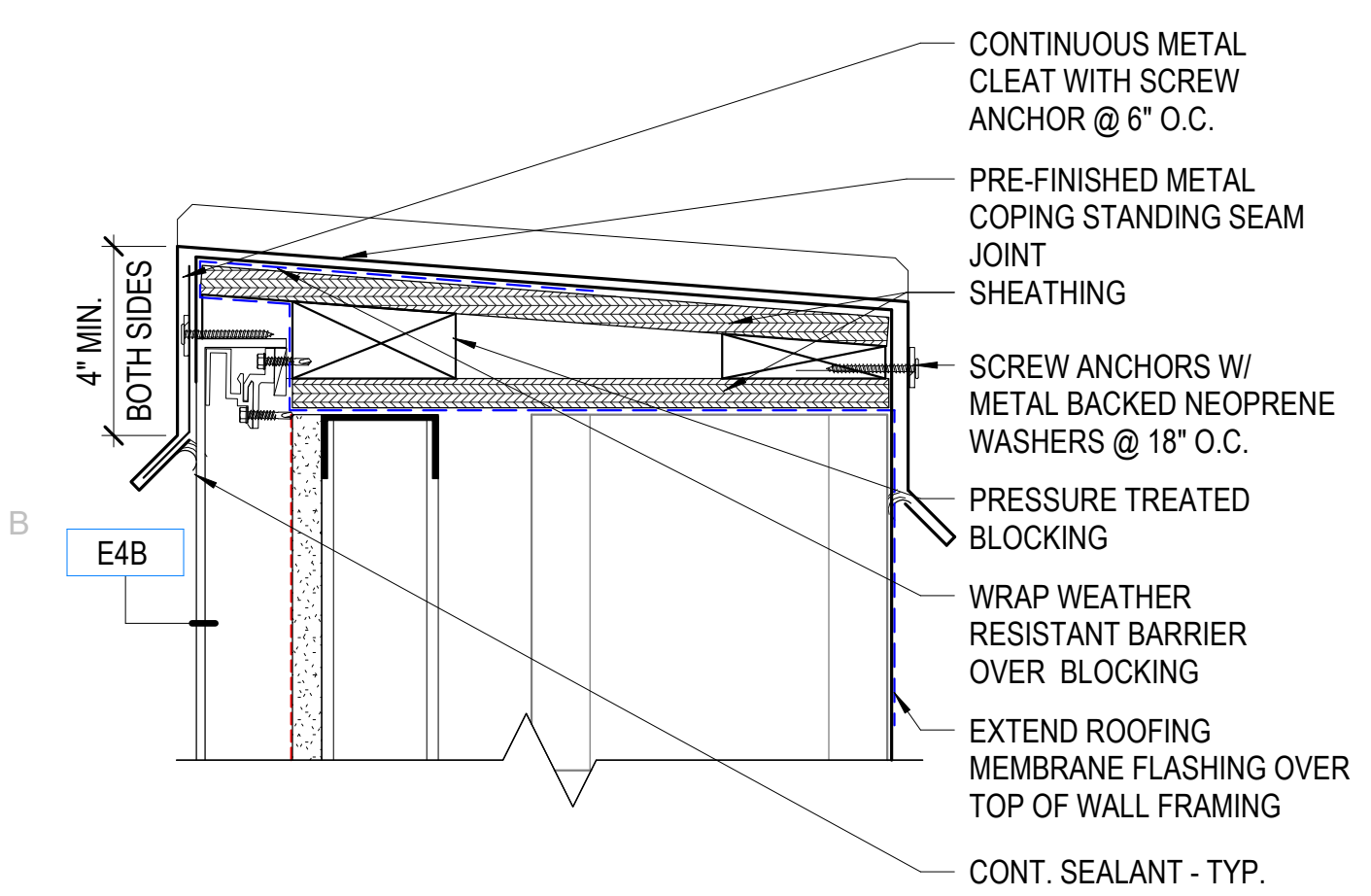
A2 PARAPET DETAIL
 SCALE: 3" = 1'-0"



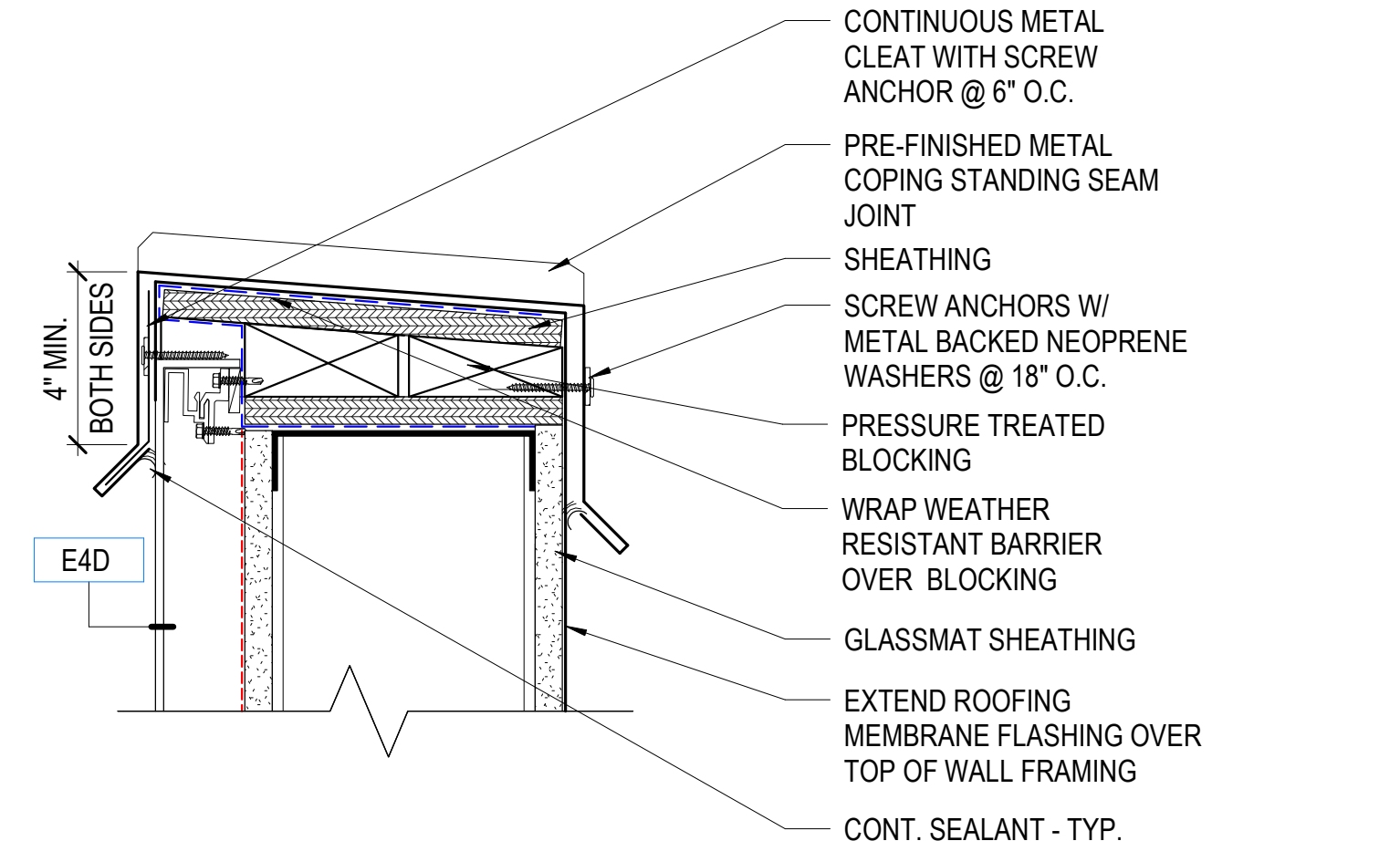
A3 PARAPET DETAIL
 SCALE: 3" = 1'-0"



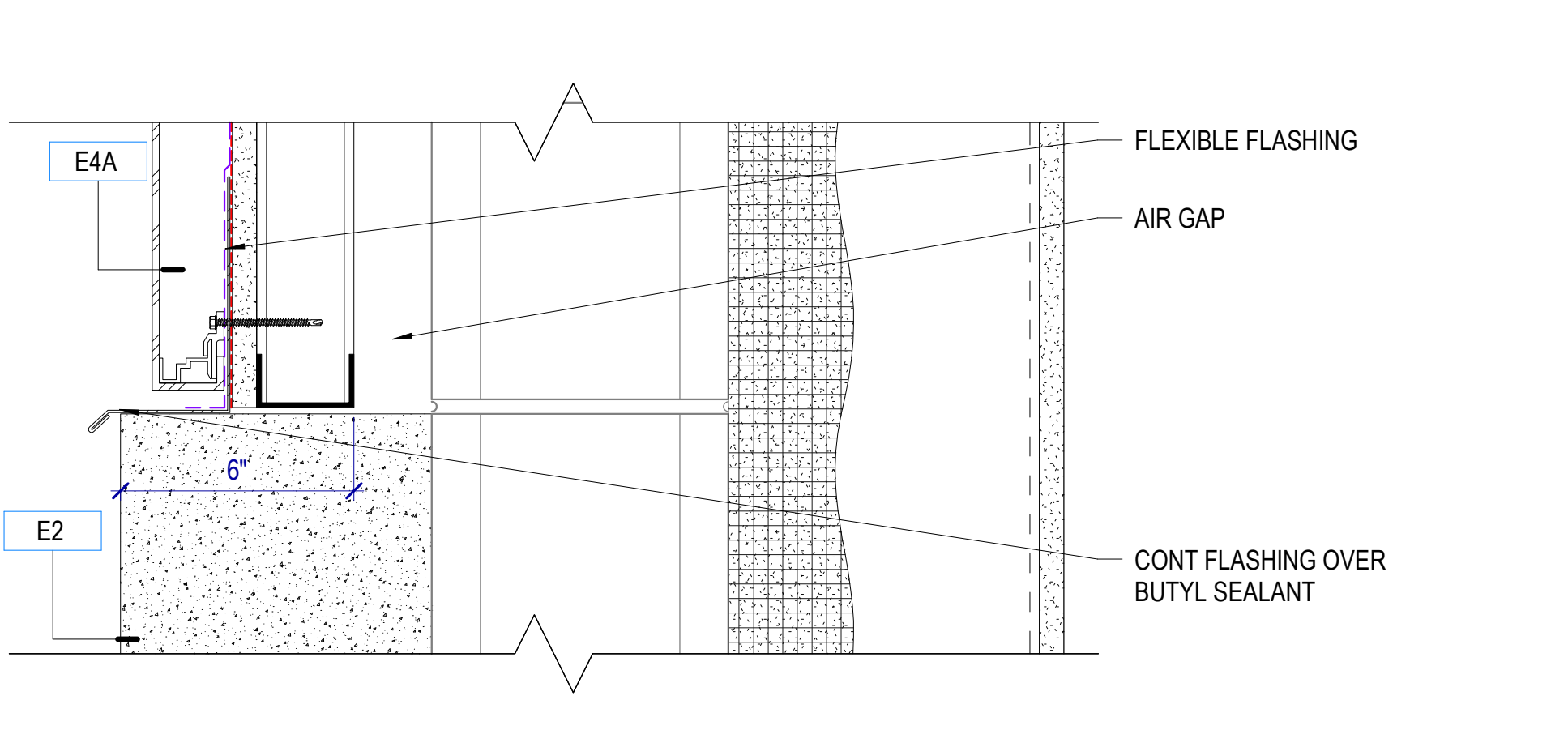
A5 PARAPET DETAIL
 SCALE: 3" = 1'-0"



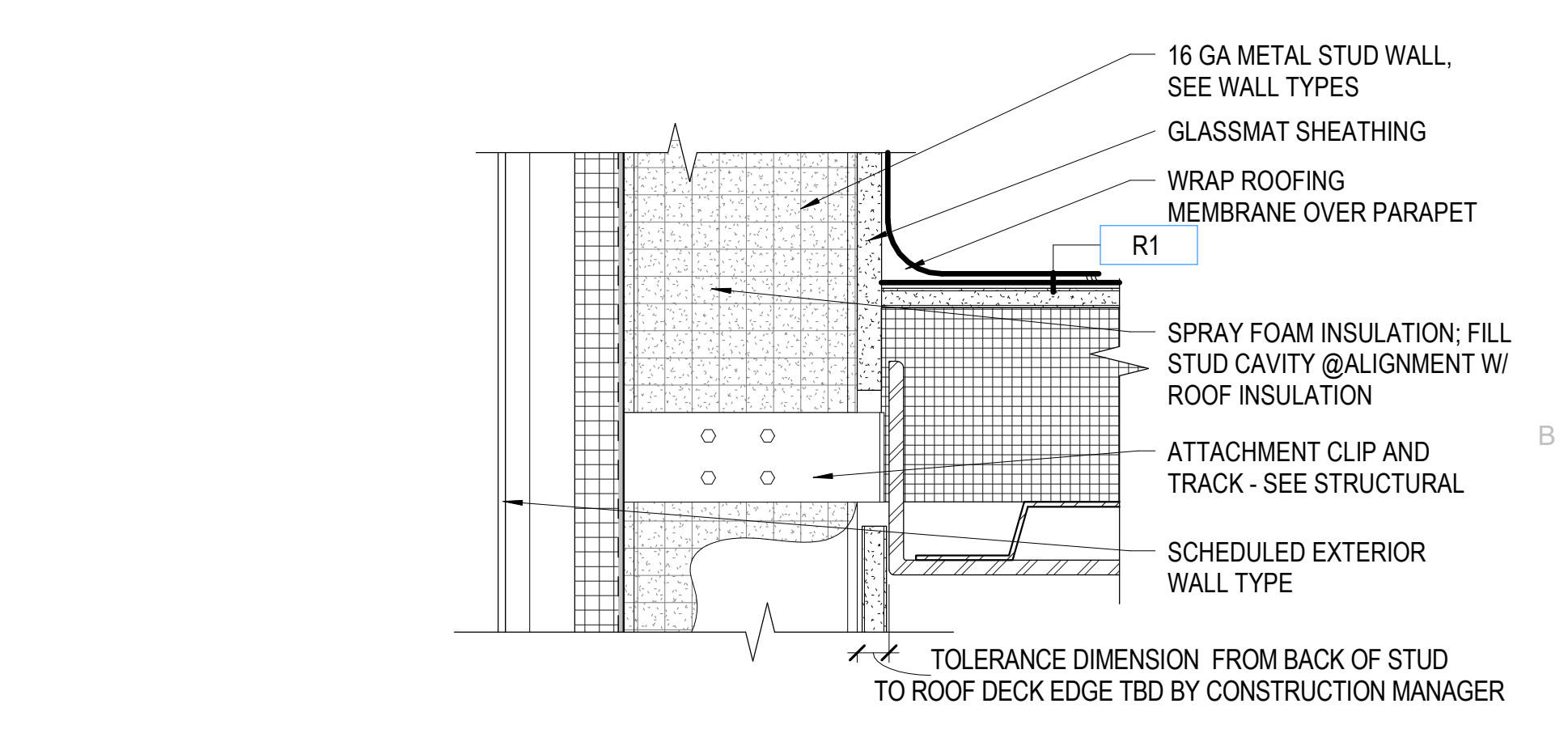
B1 PARAPET DETAIL
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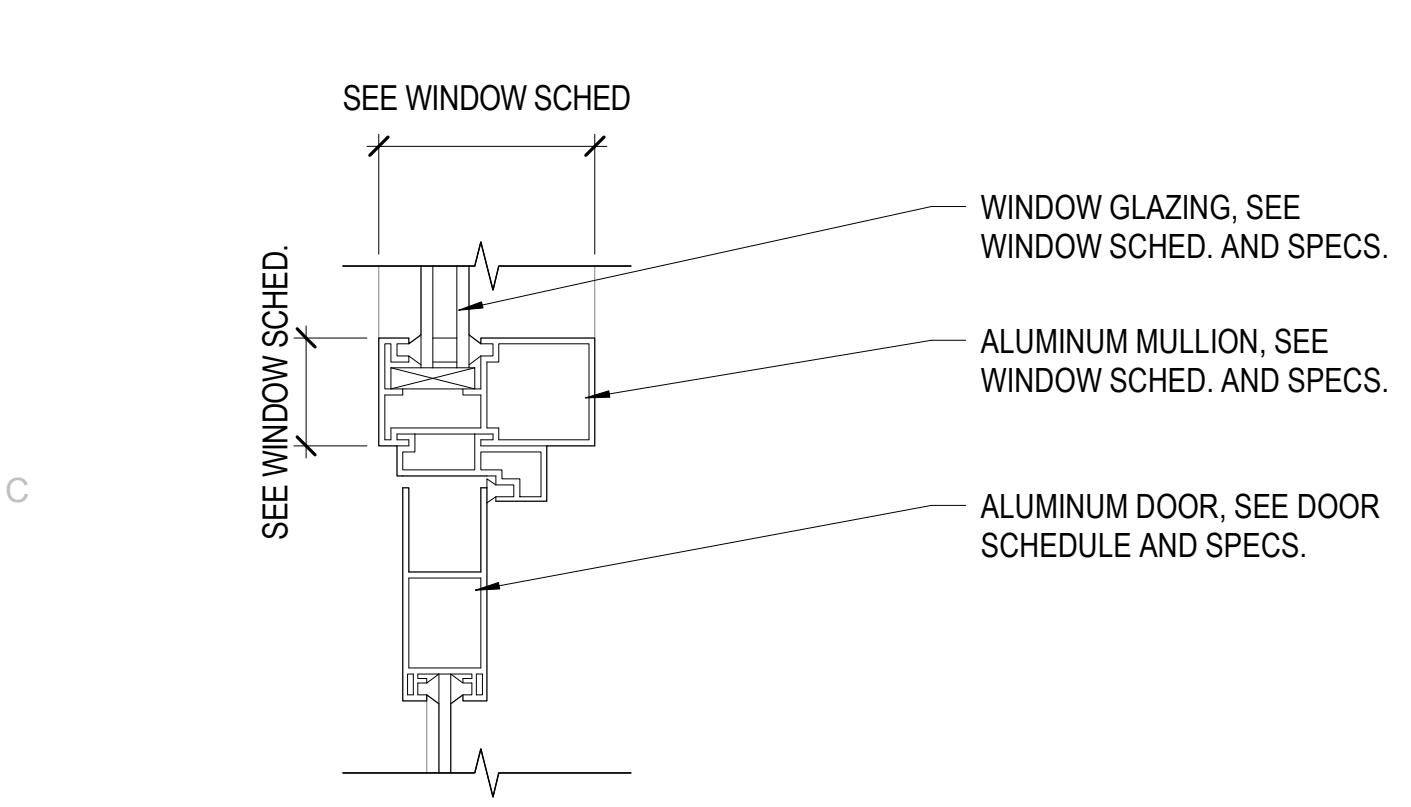
B2 PARAPET DETAIL
 SCALE: 3" = 1'-0"



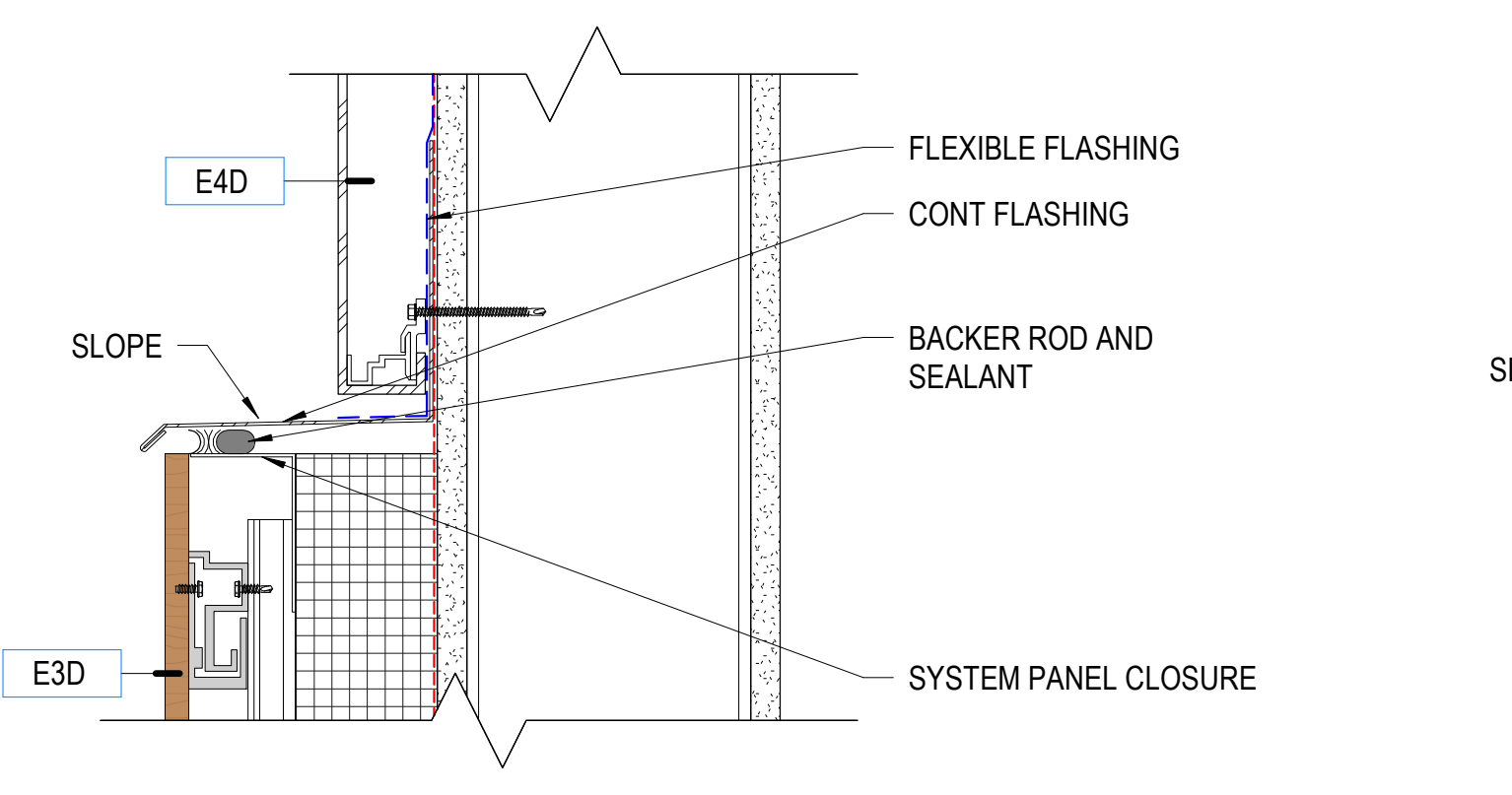
B3 MATERIAL TRANSITION DETAIL
 SCALE: 3" = 1'-0"



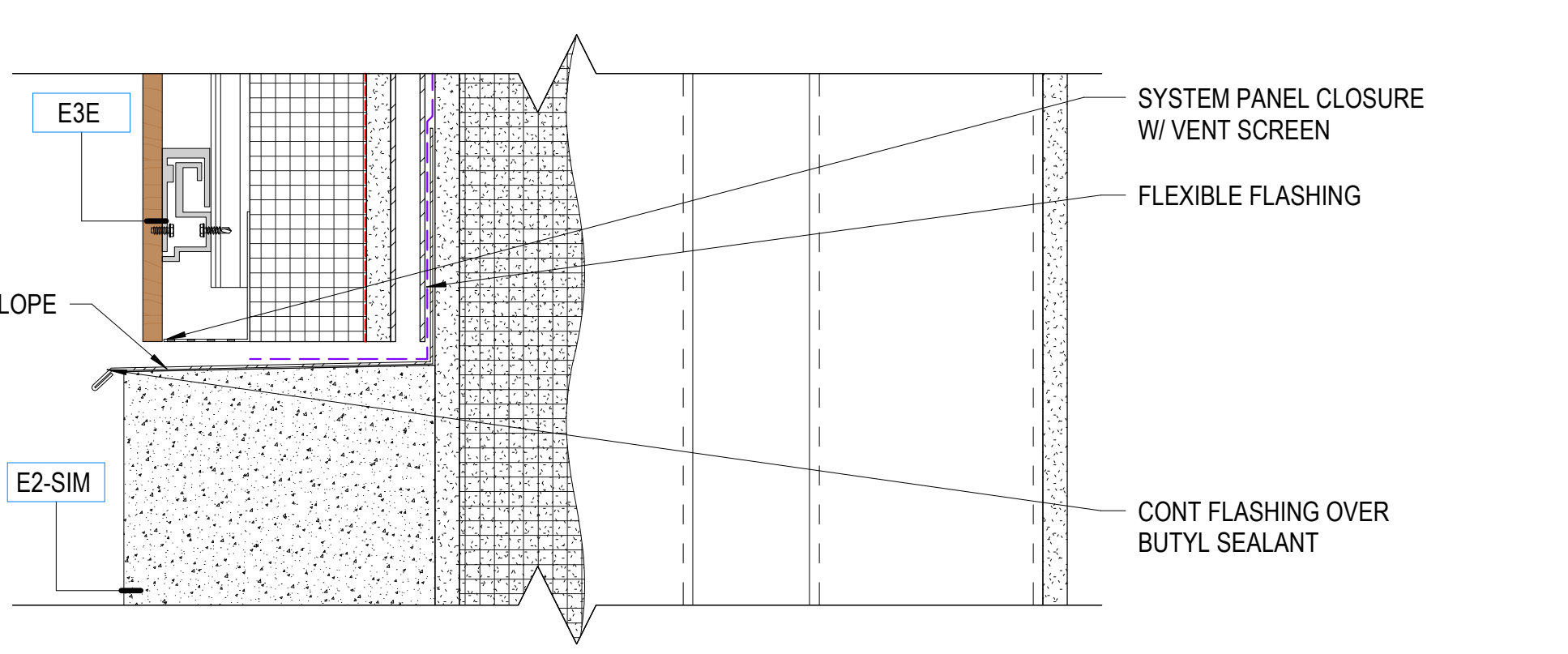
B5 ROOF CONNECTION DETAIL
 SCALE: 3" = 1'-0"



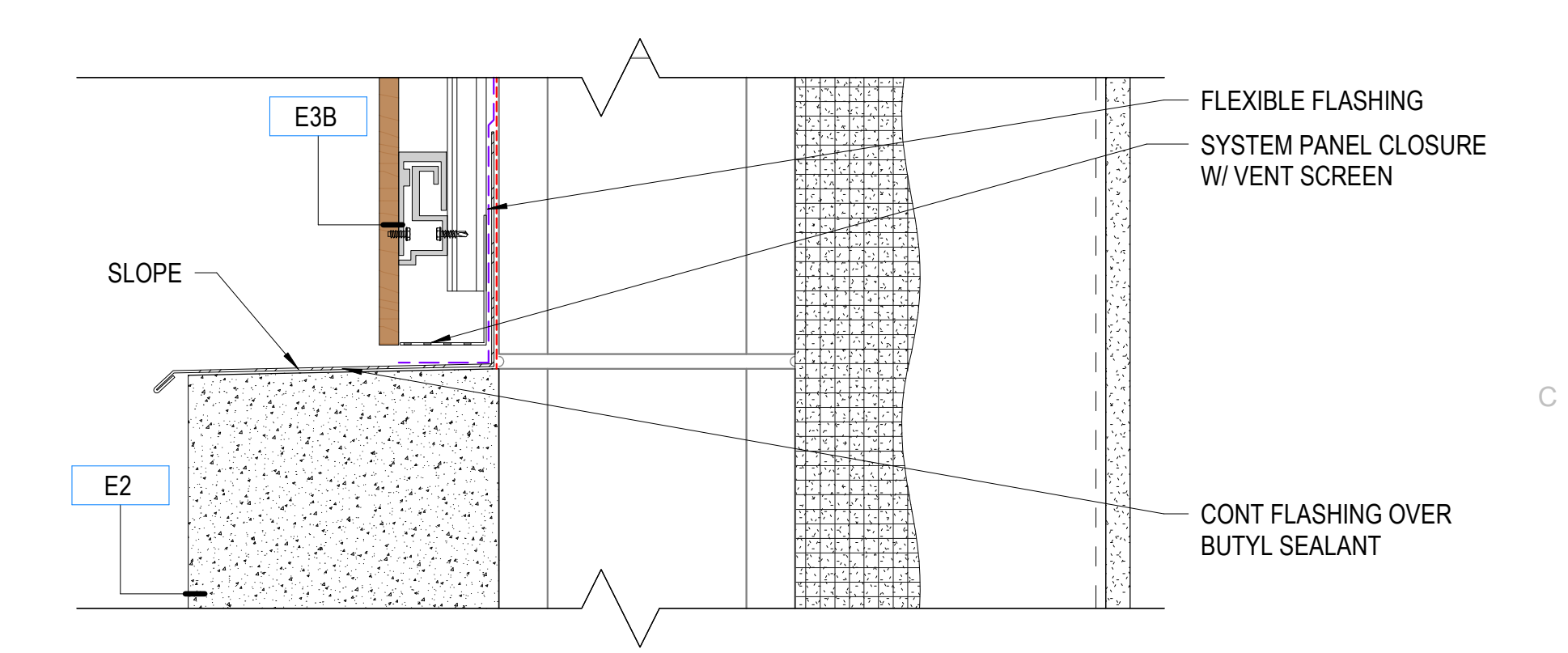
C1 DOOR HEAD DETAIL
 SCALE: 3" = 1'-0"



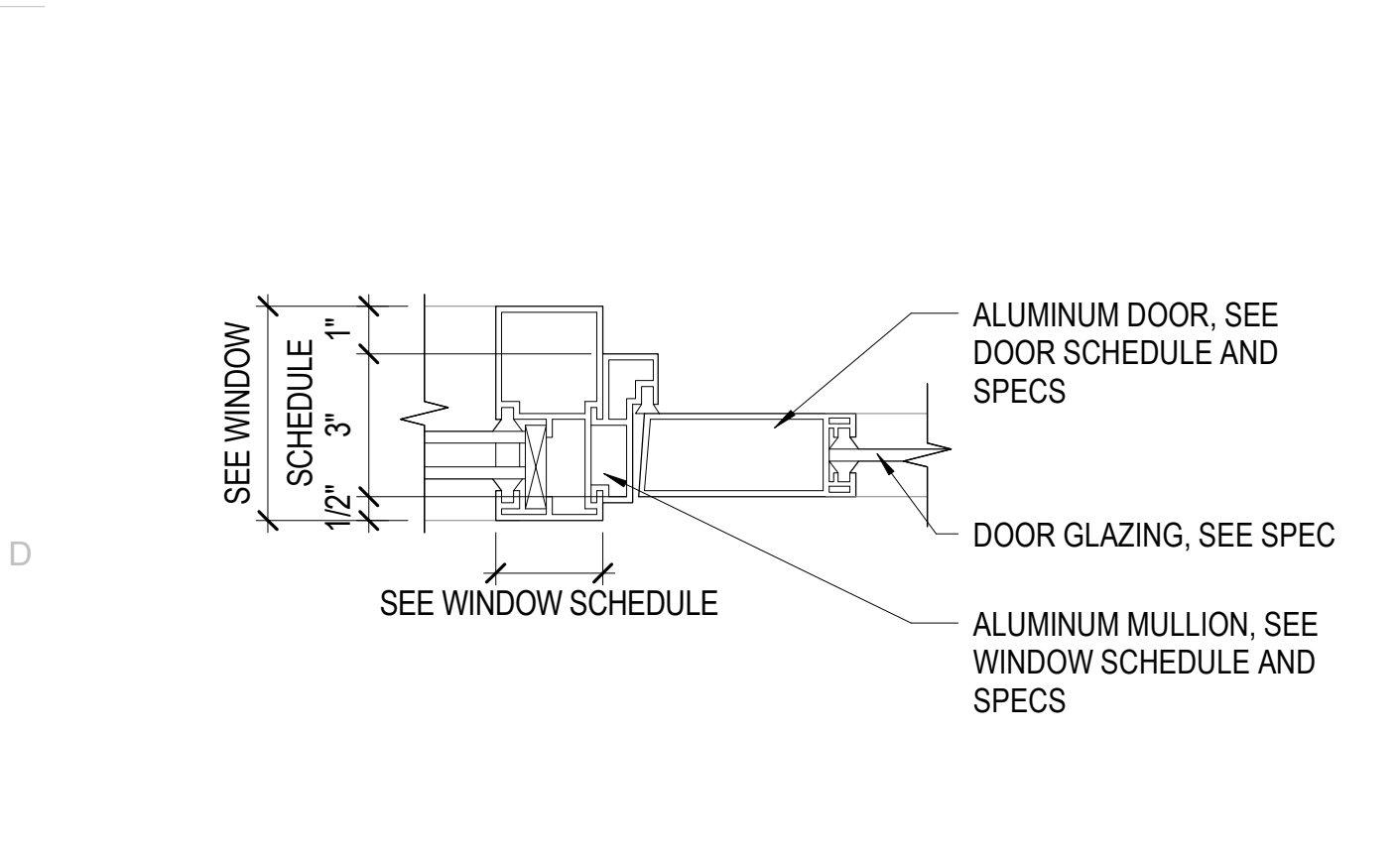
C2 MATERIAL TRANSITION DETAIL
 SCALE: 3" = 1'-0"



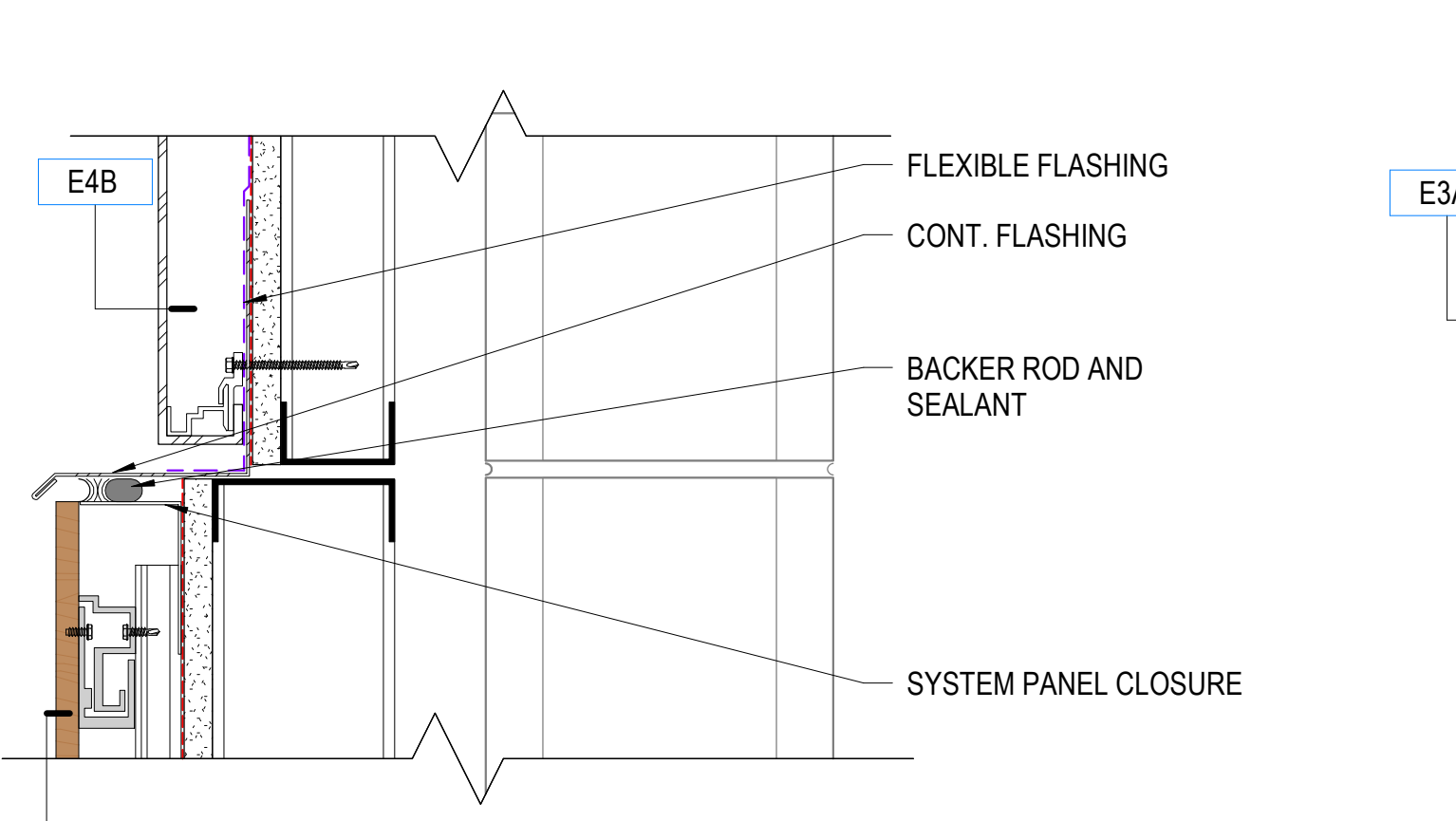
C3 MATERIAL TRANSITION DETAIL
 SCALE: 3" = 1'-0"



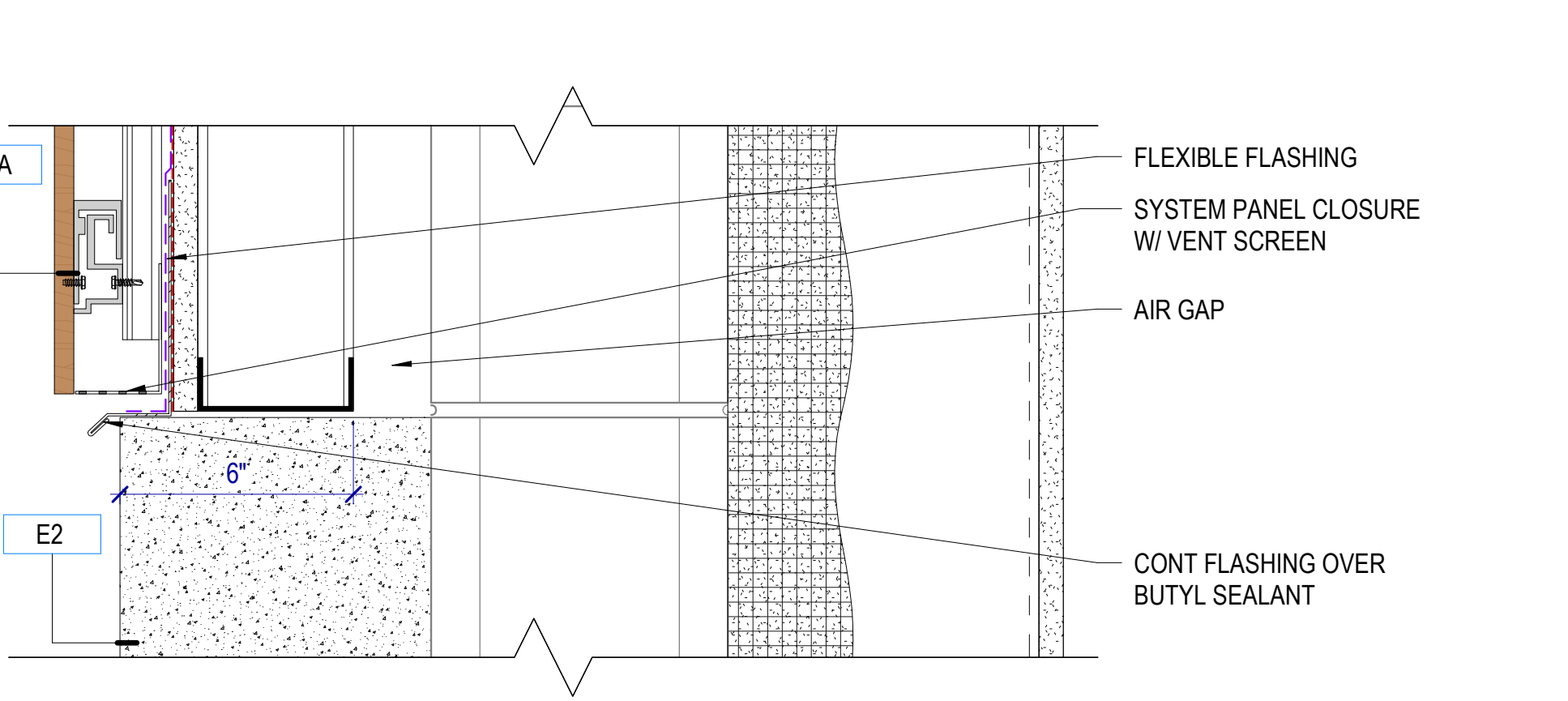
C4 MATERIAL TRANSITION DETAIL
 SCALE: 3" = 1'-0"



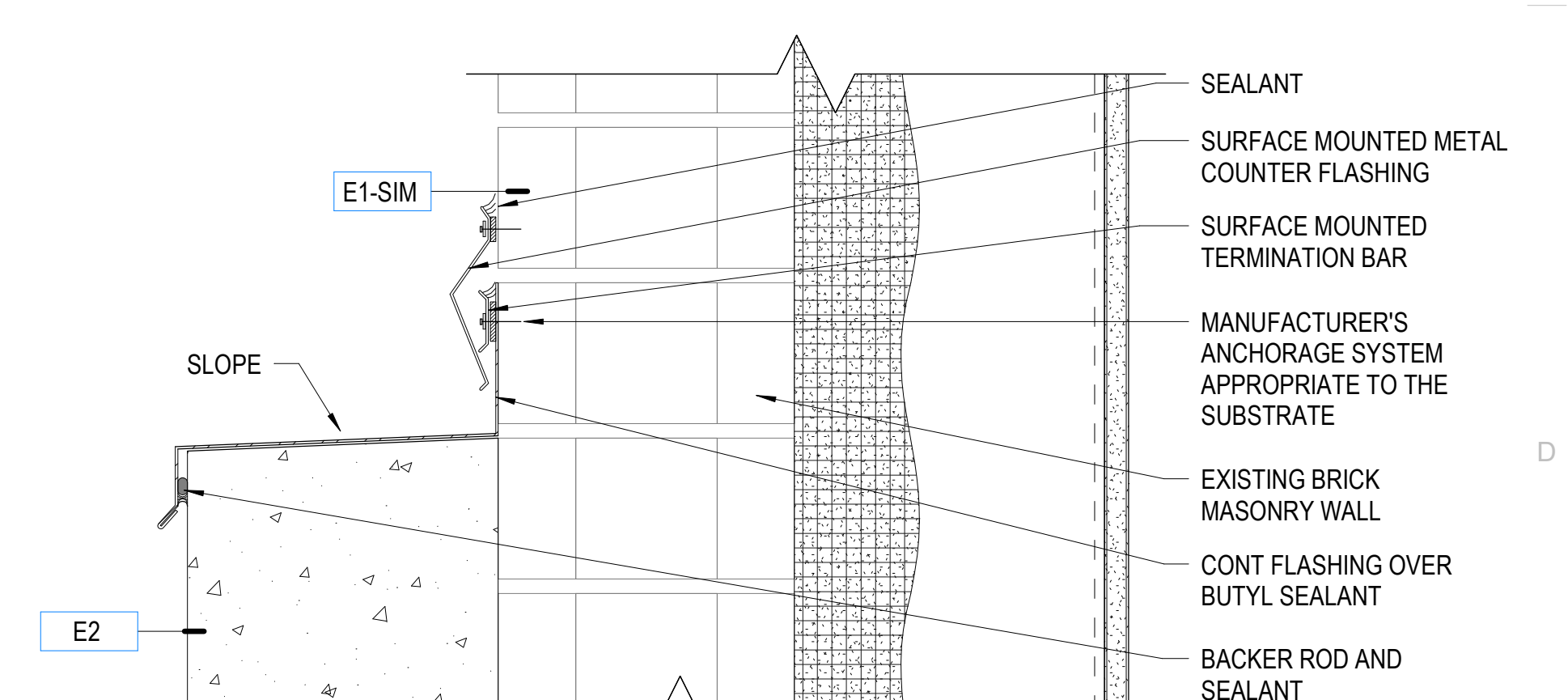
D1 DOOR JAMB DETAIL
 SCALE: 3" = 1'-0"



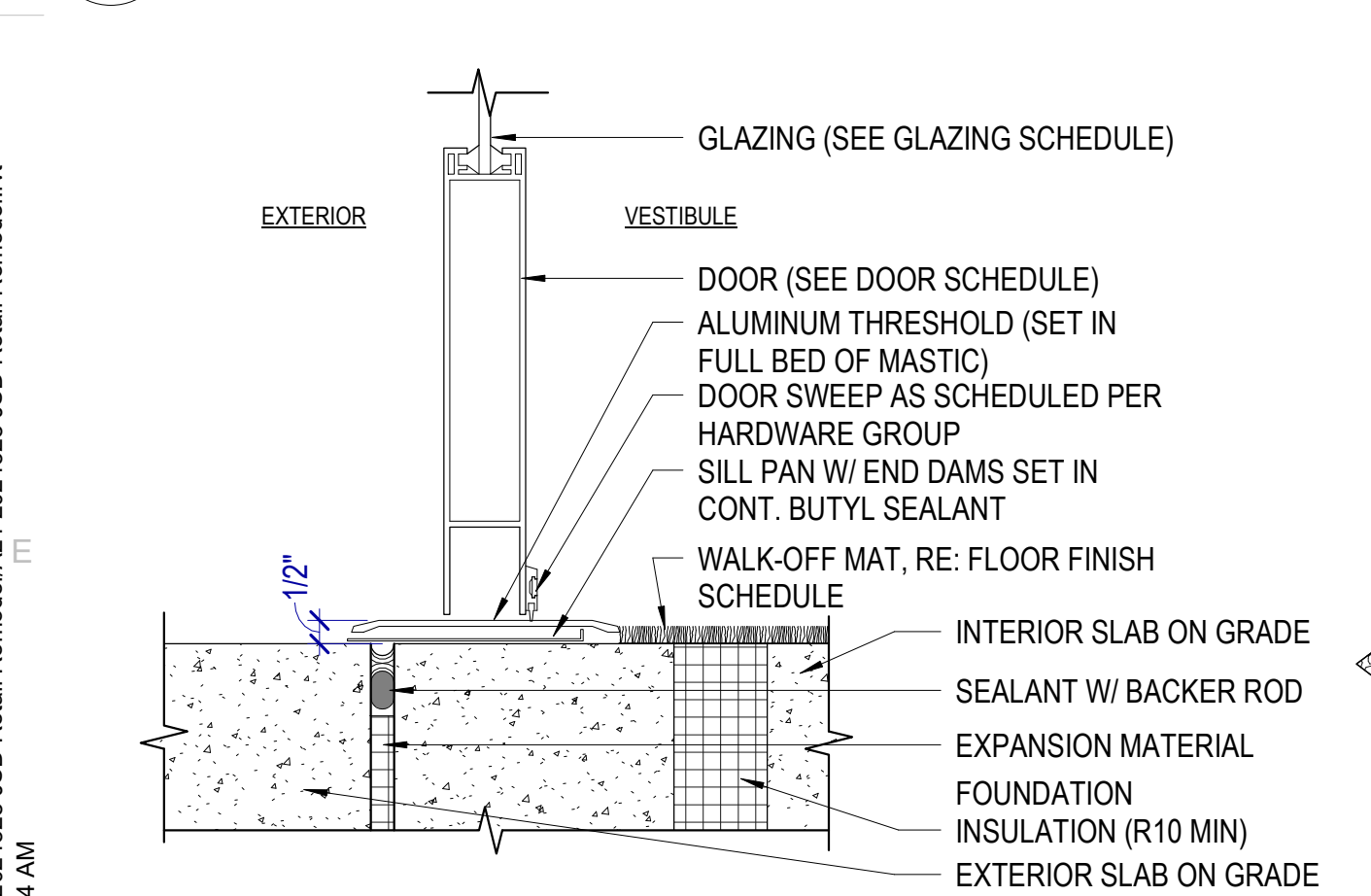
D2 MATERIAL TRANSITION DETAIL
 SCALE: 3" = 1'-0"



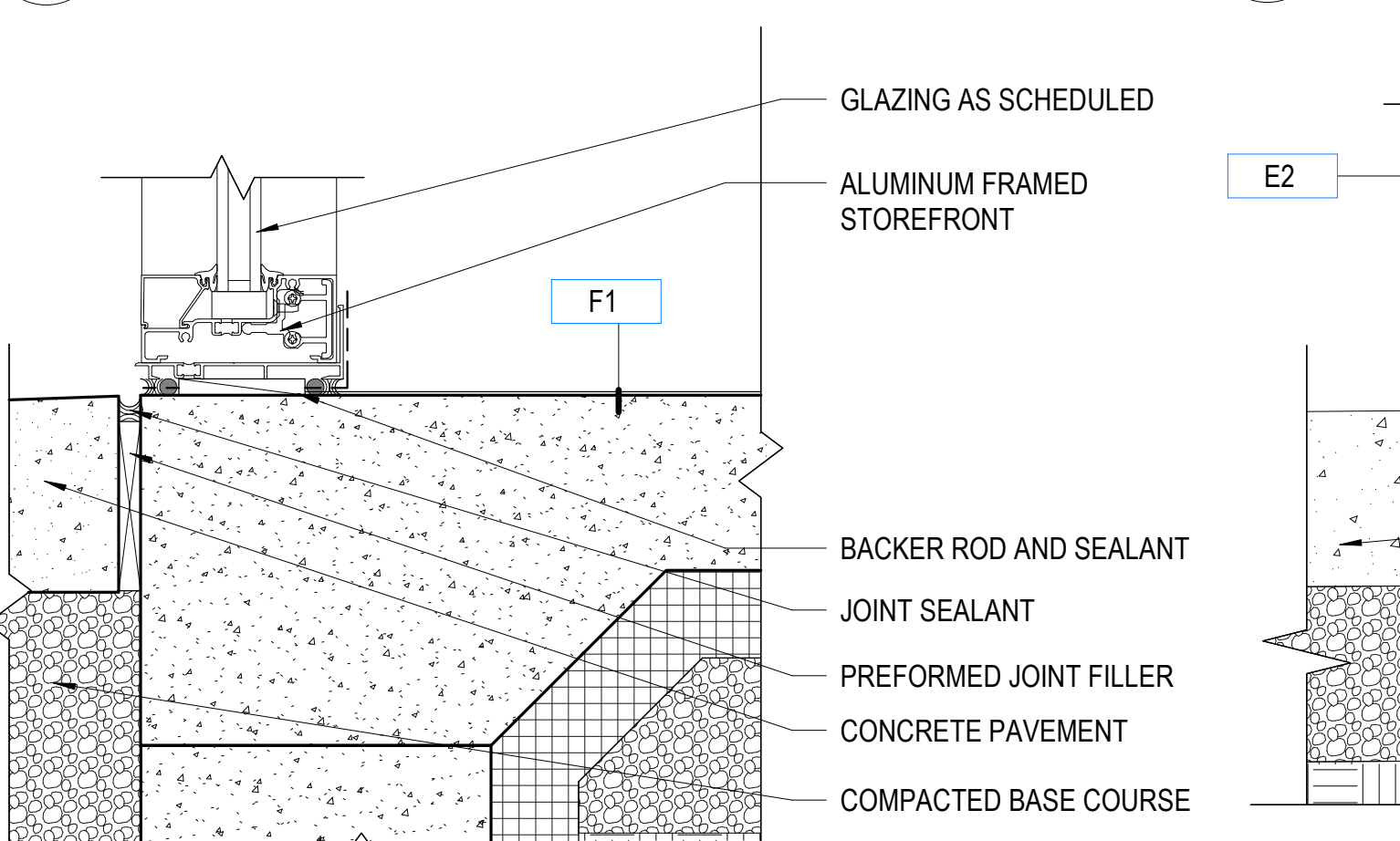
D3 MATERIAL TRANSITION DETAIL
 SCALE: 3" = 1'-0"



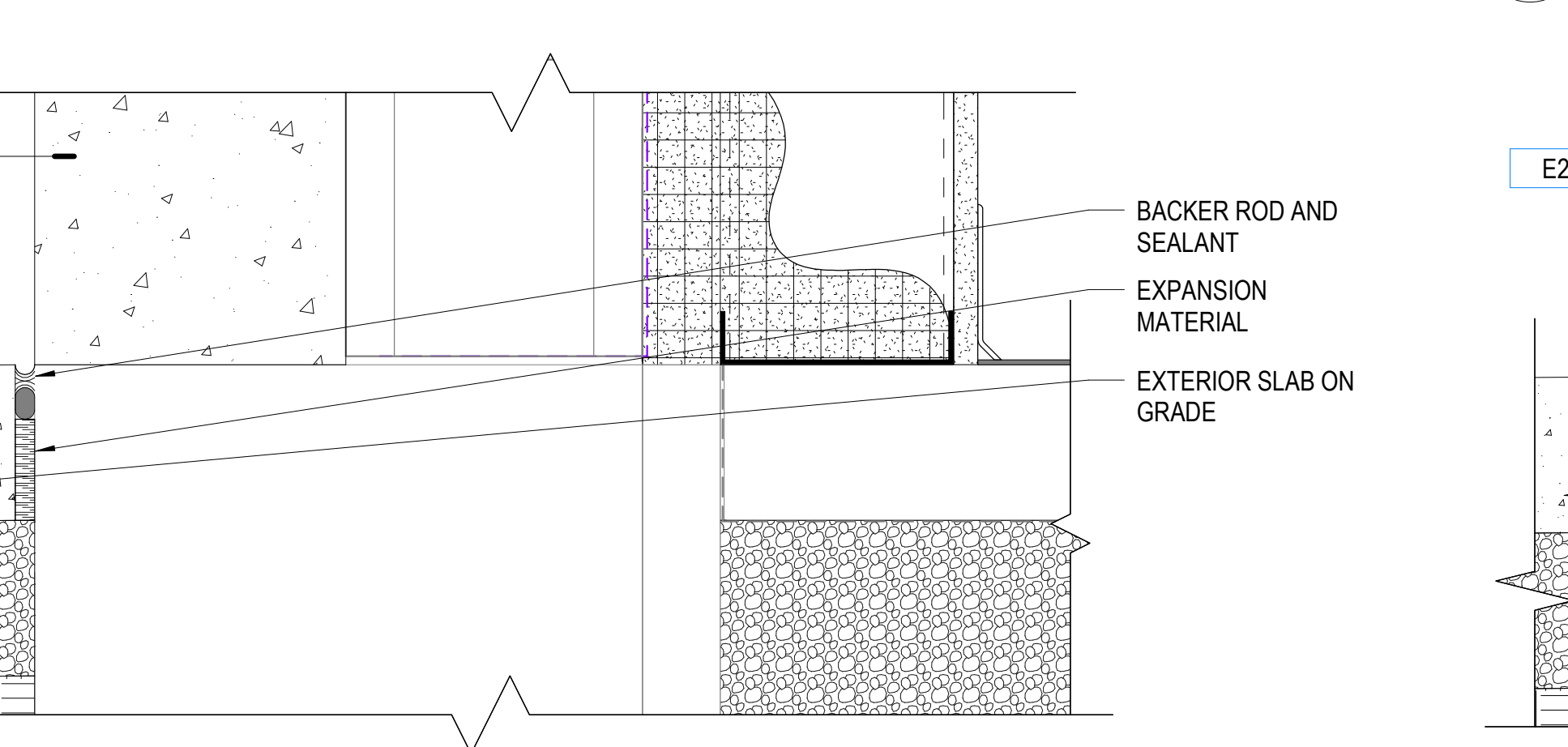
D4 MATERIAL TRANSITION DETAIL
 SCALE: 3" = 1'-0"



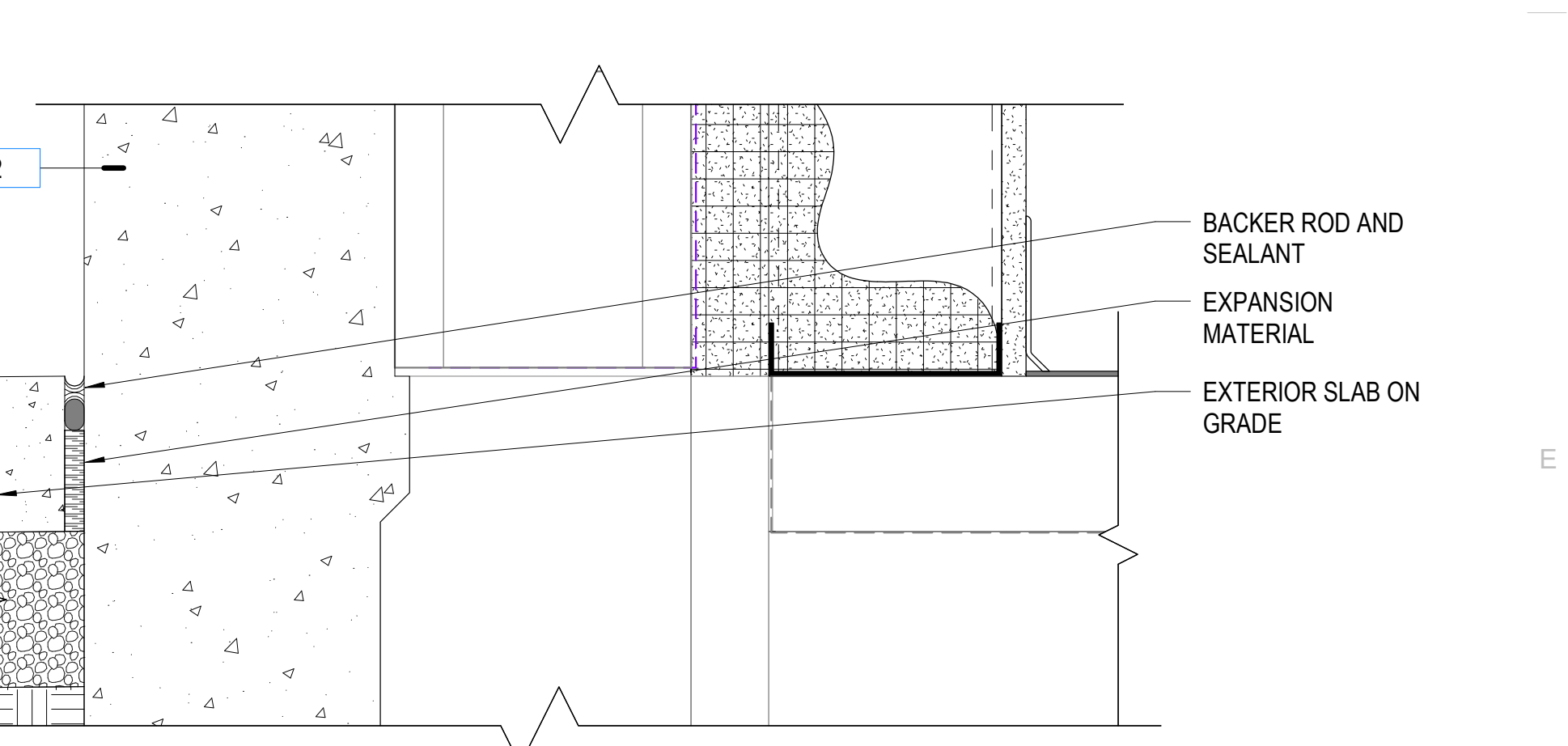
E1 THRESHOLD DETAIL
 SCALE: 3" = 1'-0"



E2 WINDOW SILL DETAIL
 SCALE: 3" = 1'-0"



E3 FOUNDATION DETAIL
 SCALE: 3" = 1'-0"



E4 FOUNDATION DETAIL
 SCALE: 3" = 1'-0"



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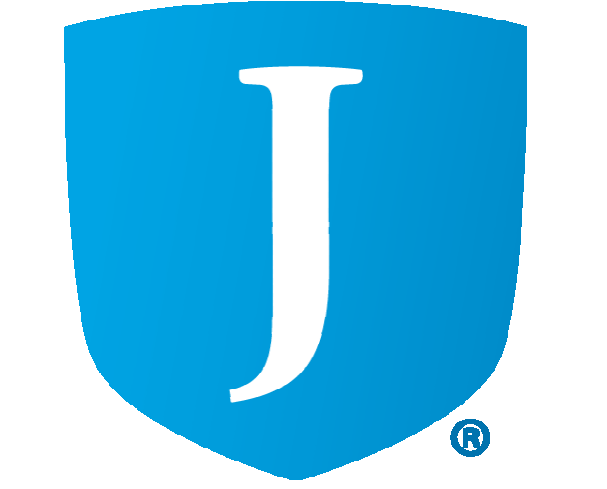
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 SEAL
 STATE OF UTAH
 CLIFFORD HOWARD CURTIS
 No. 154876-0000
 28 AUGUST 2023
 LICENSE ARCHITECT

MHTN PROJECT NO: 2024528
 Original drawing is 30" x 42". Do not scale contents of this drawing.
 REVISIONS:
 CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE.
 NO. DATE DESCRIPTION

ISSUE
 CONSTRUCTION DOCUMENTS
 AUGUST 29, 2024
 SHEET NAME
ENVELOPE DETAILS
 SHEET NUMBER

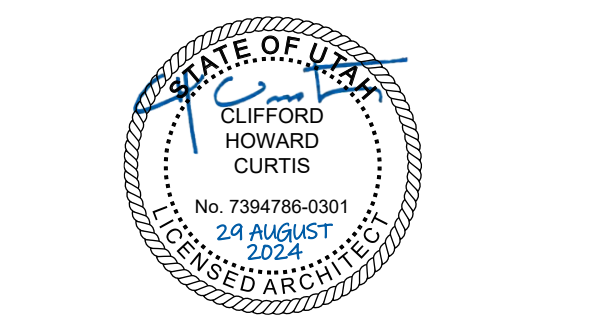
A330

Autodesk Docs/2024528 - RSD Retail Remodel/03/2024528 - RSD Retail Remodel.rvt
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MHTN PROJECT NO. 2024528
 Original Drawing is 36 x 42. Do not scale contents of this drawing.

REVISIONS

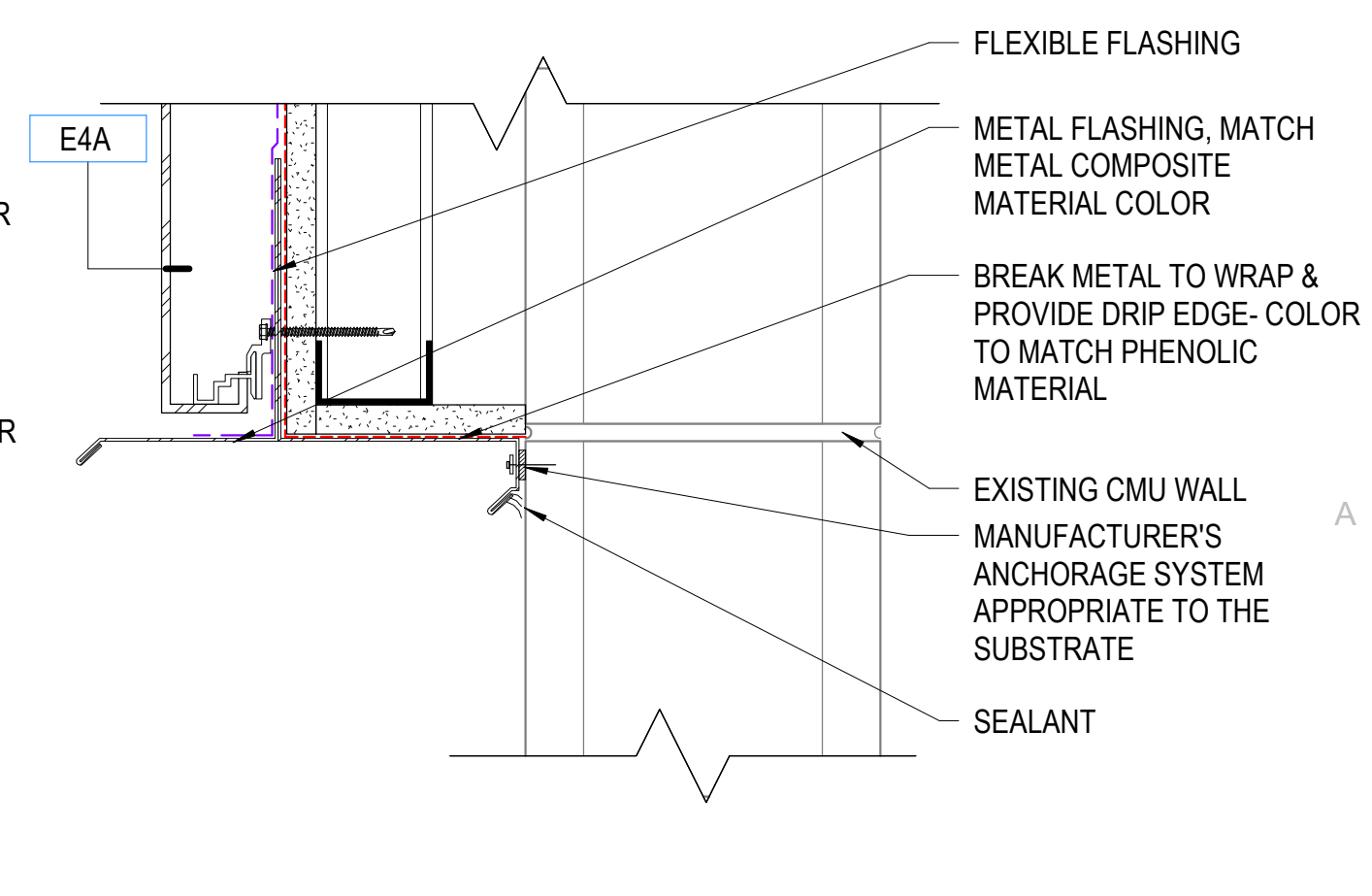
NO.	DATE	DESCRIPTION

ISSUE
 CONSTRUCTION DOCUMENTS
 AUGUST 29, 2024

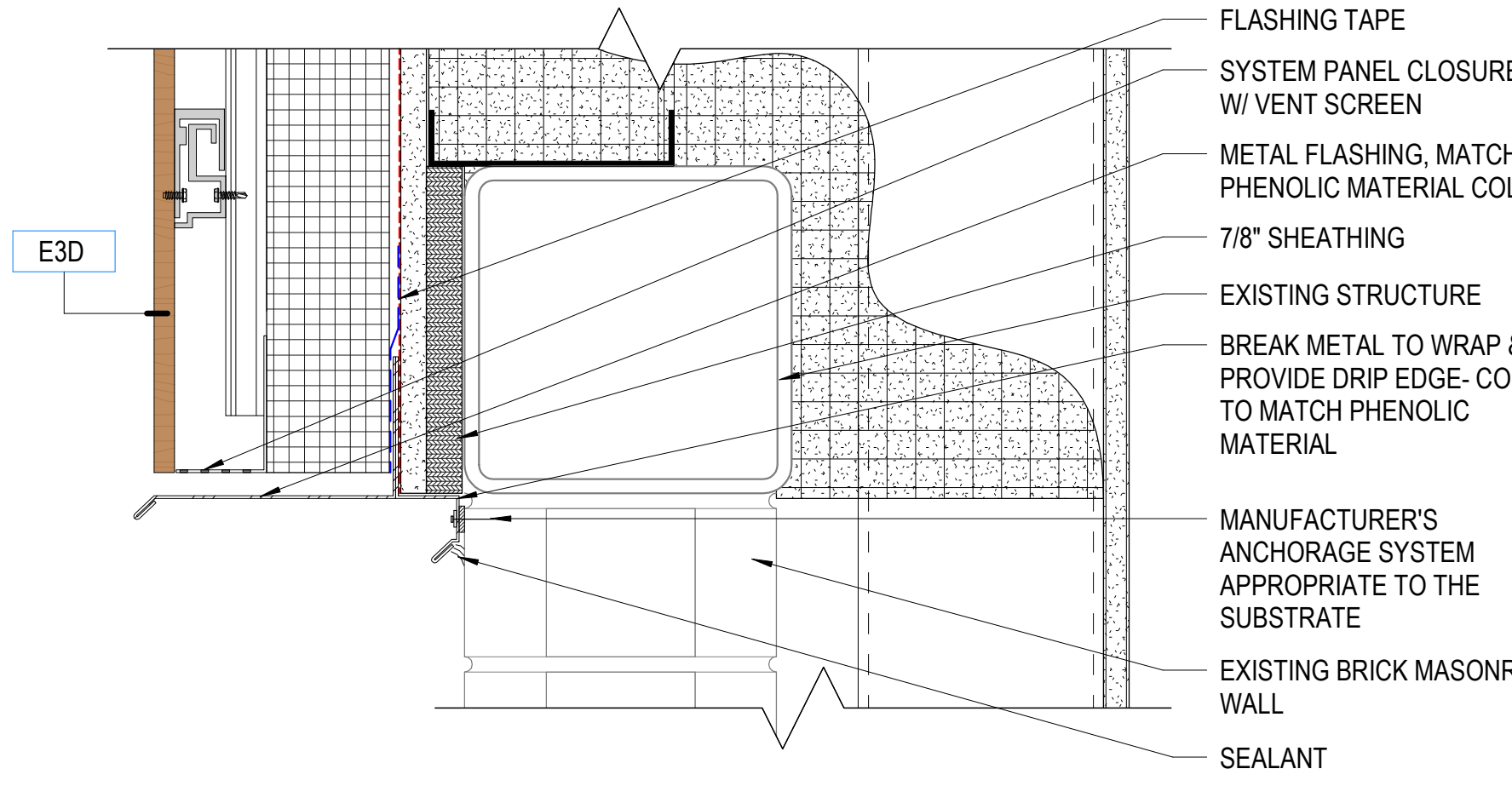
SHEET NAME
ENVELOPE DETAILS

SHEET NUMBER

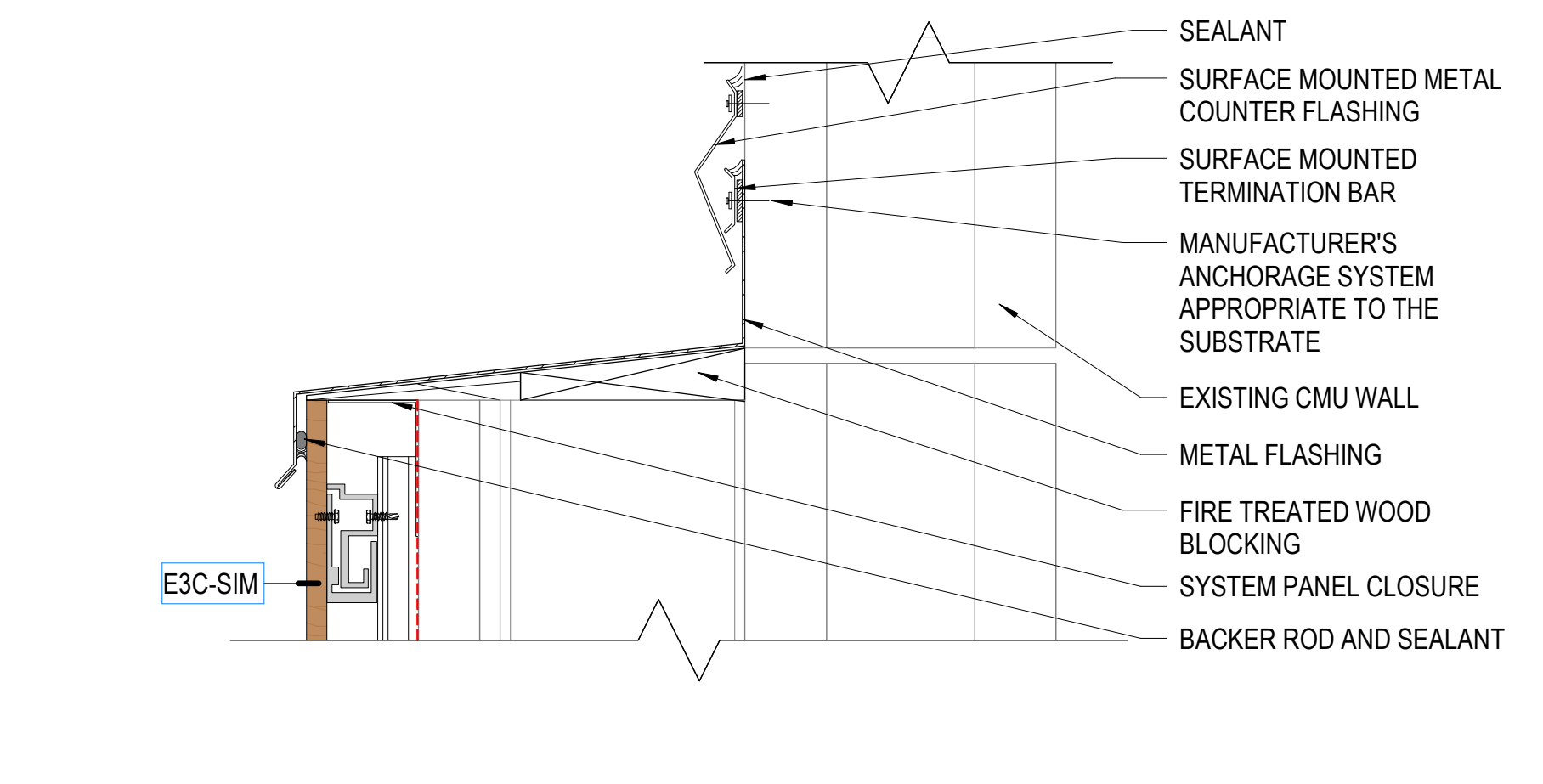
A332



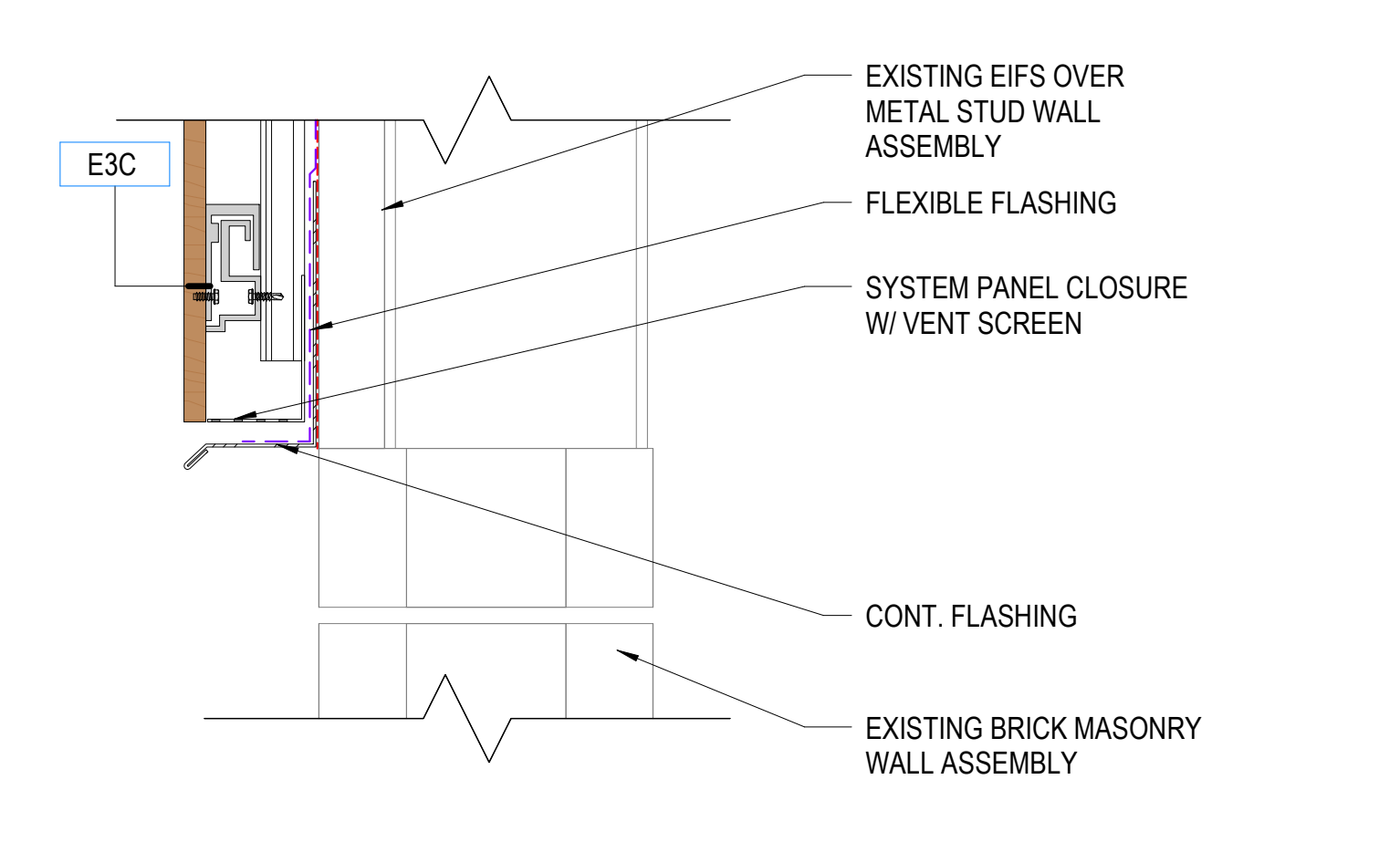
A5 MATERIAL TRANSITION DETAIL
 SCALE: 3" = 1'-0"



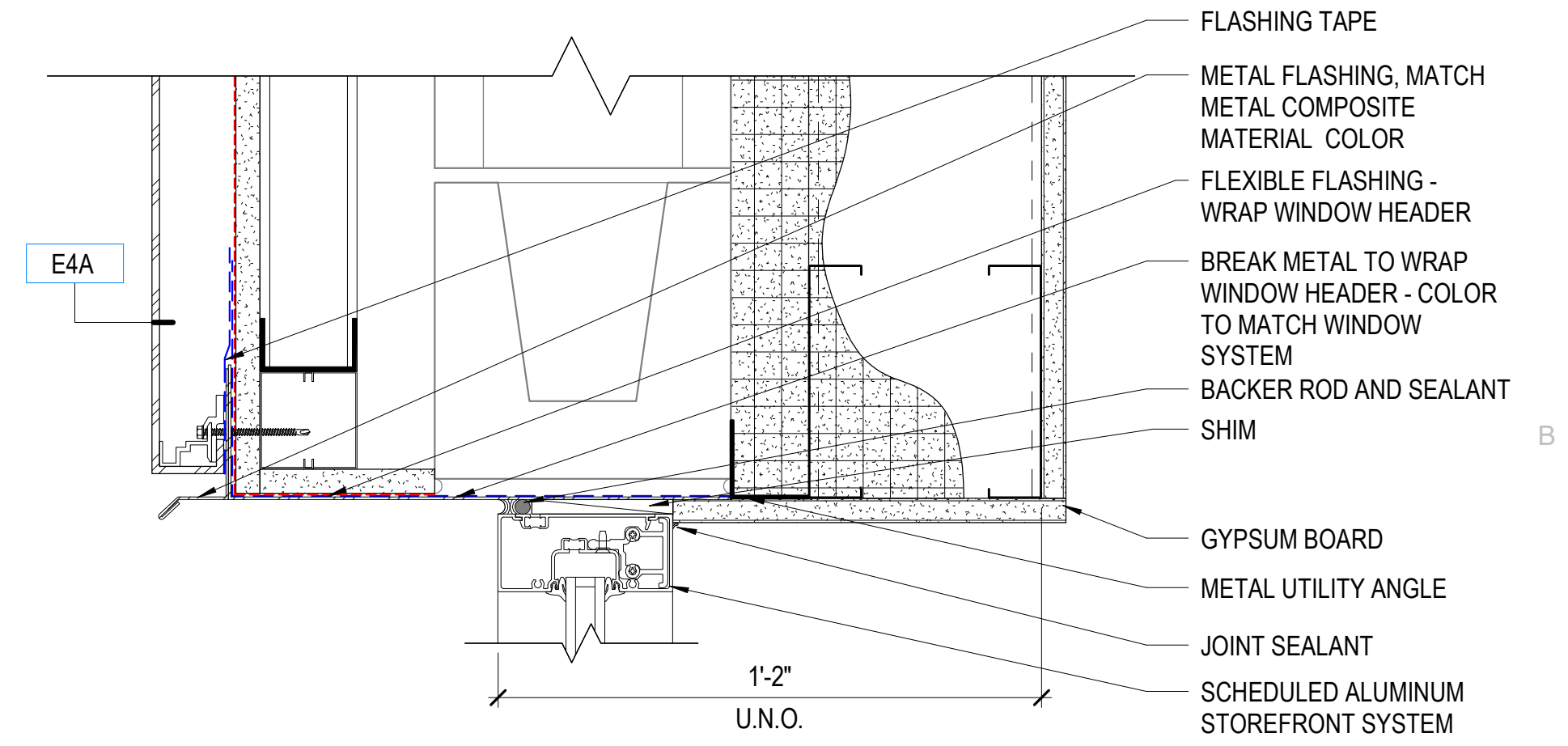
A3 MATERIAL TRANSITION DETAIL
 SCALE: 3" = 1'-0"



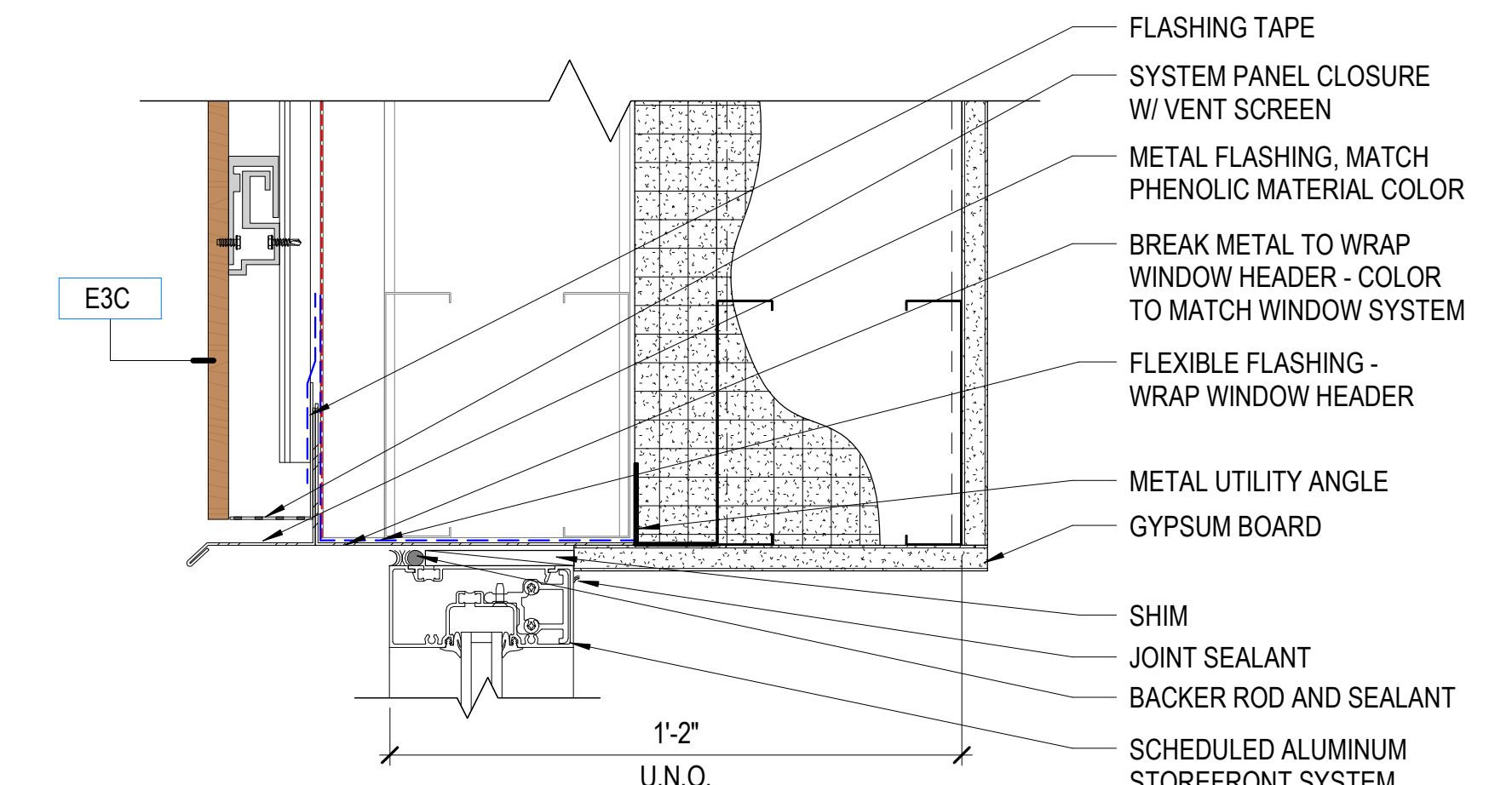
A2 MATERIAL TRANSITION DETAIL
 SCALE: 3" = 1'-0"



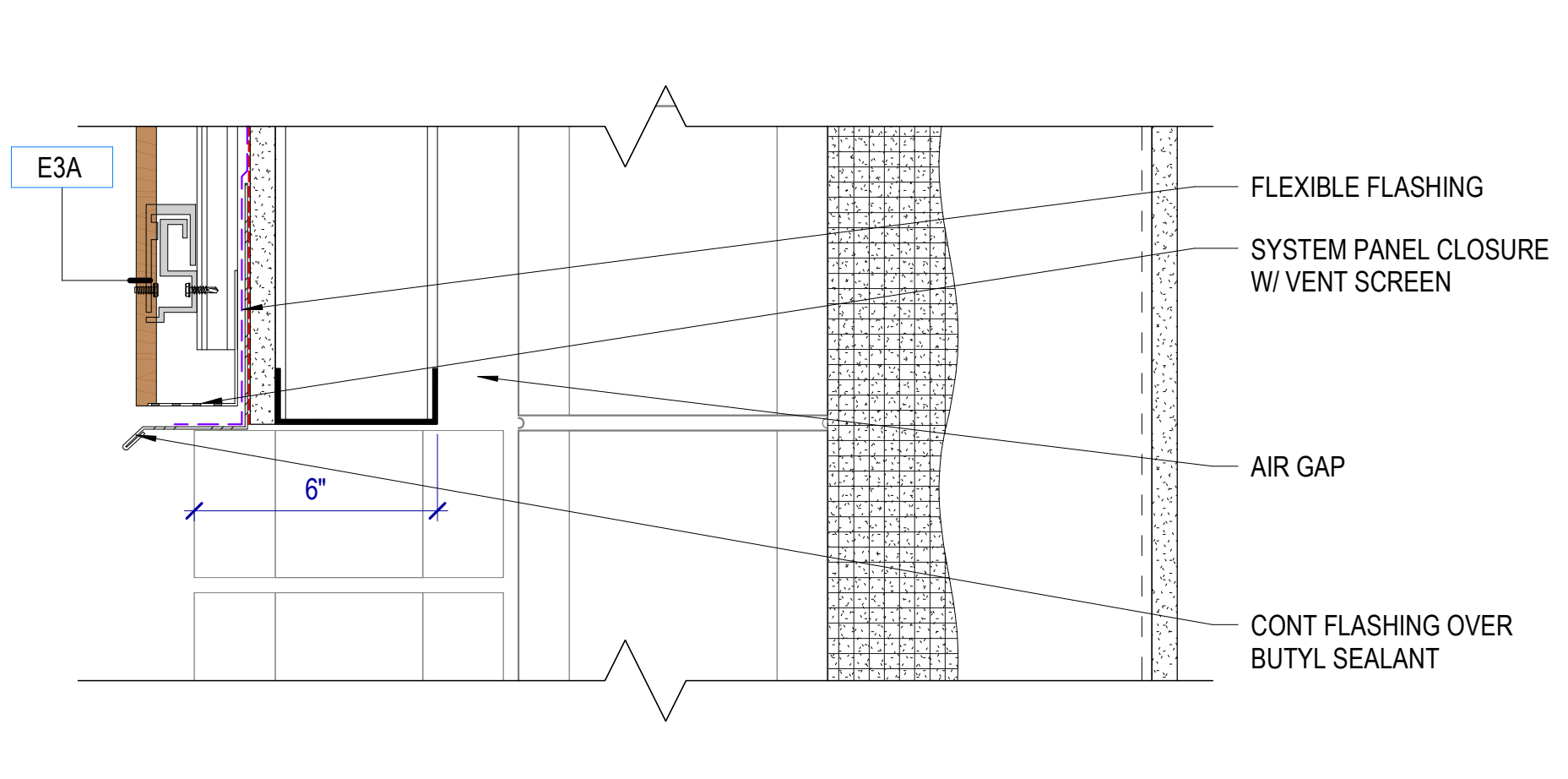
A1 MATERIAL TRANSITION DETAIL
 SCALE: 3" = 1'-0"



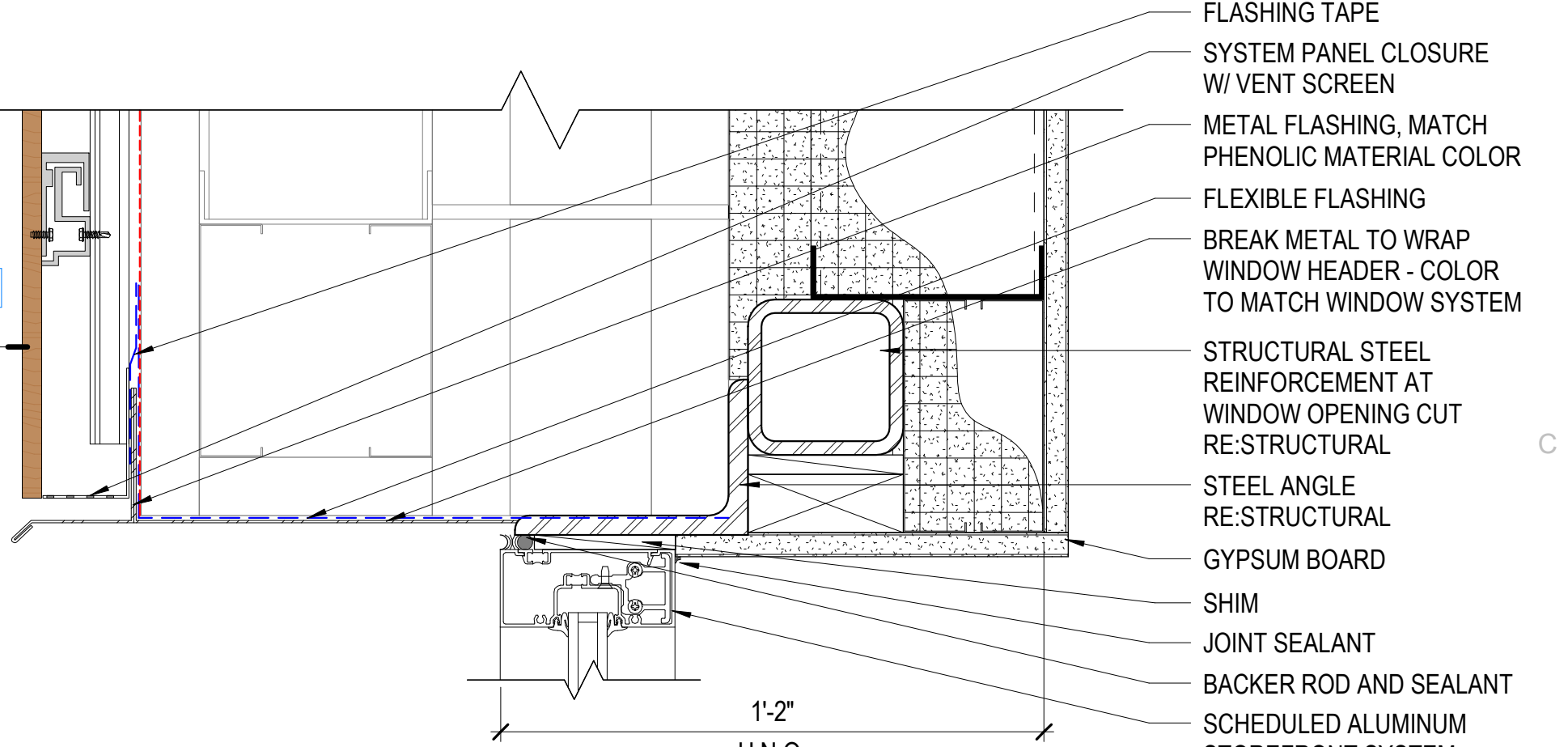
B4 WINDOW HEAD DETAIL
 SCALE: 3" = 1'-0"



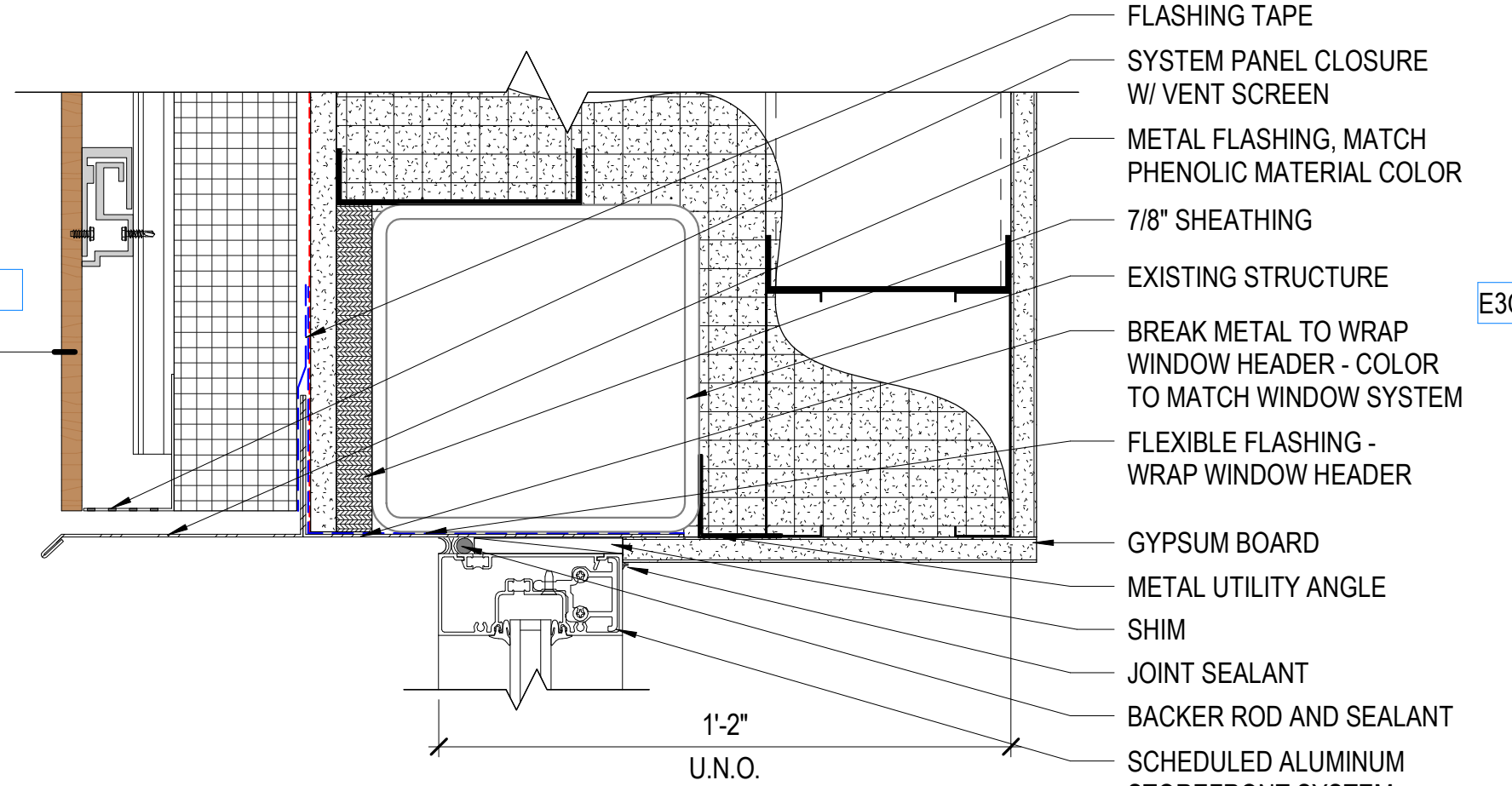
B3 WINDOW HEAD DETAIL
 SCALE: 3" = 1'-0"



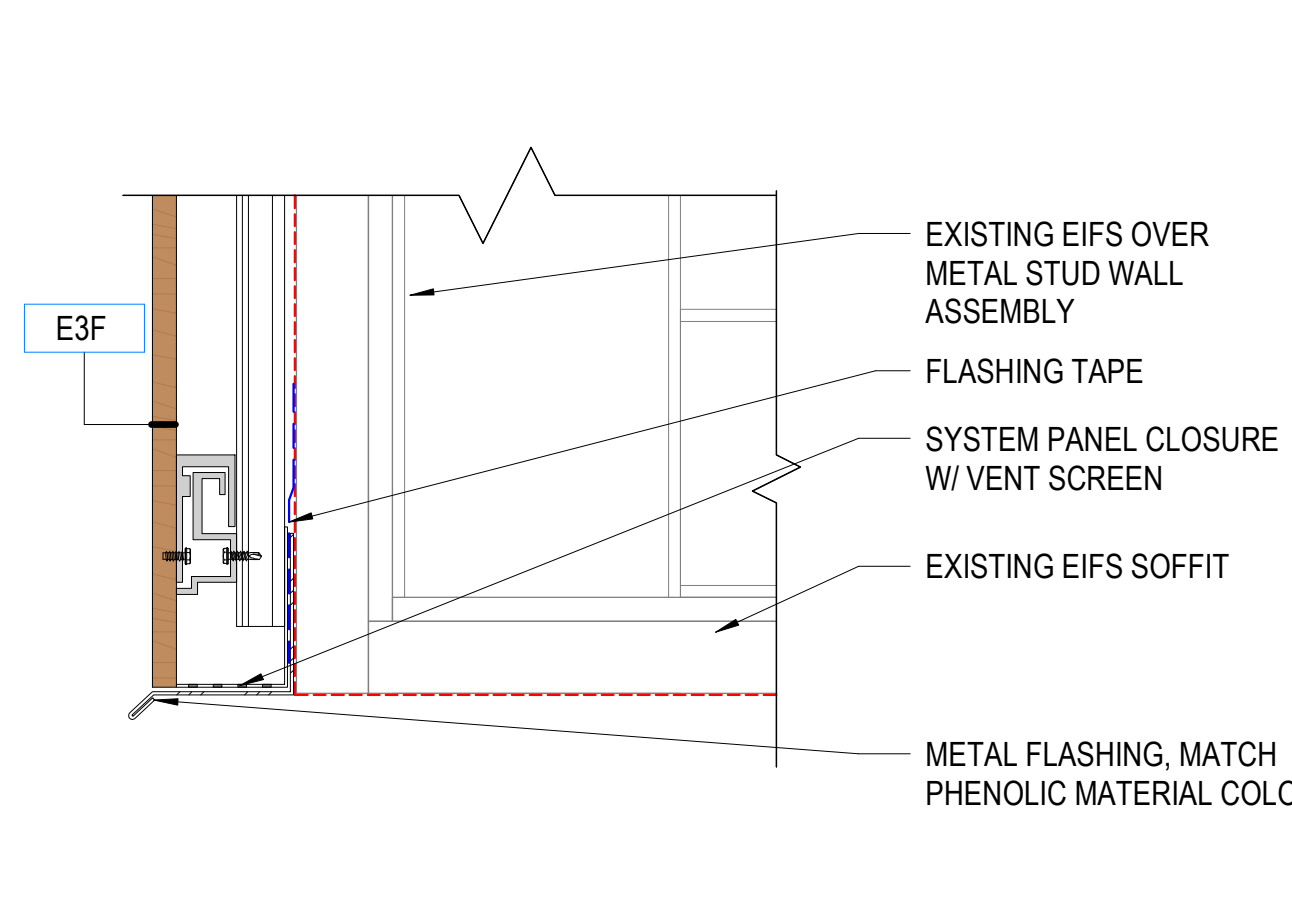
B1 MATERIAL TRANSITION DETAIL
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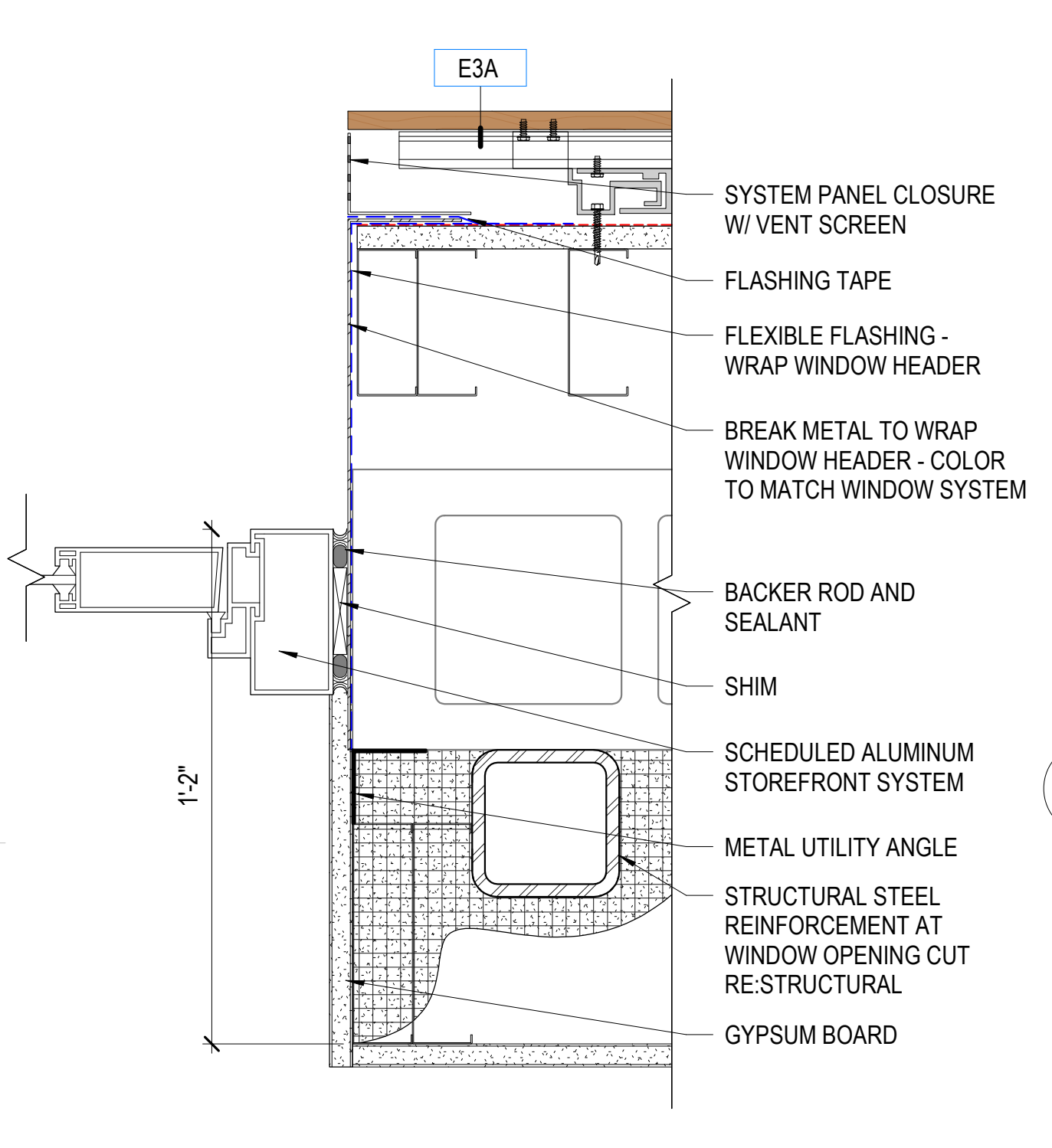
C4 WINDOW HEAD DETAIL
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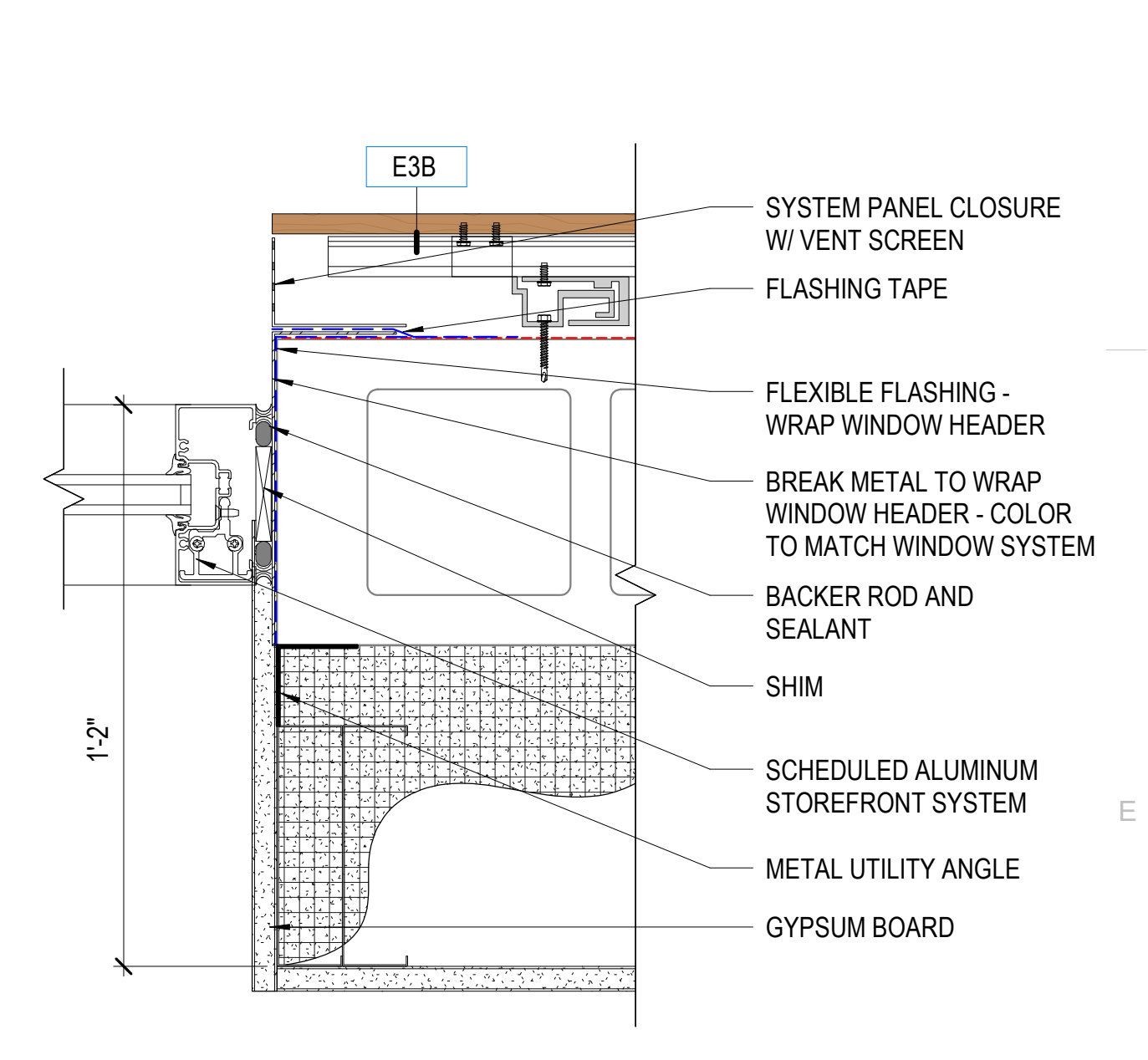
C3 WINDOW HEAD DETAIL
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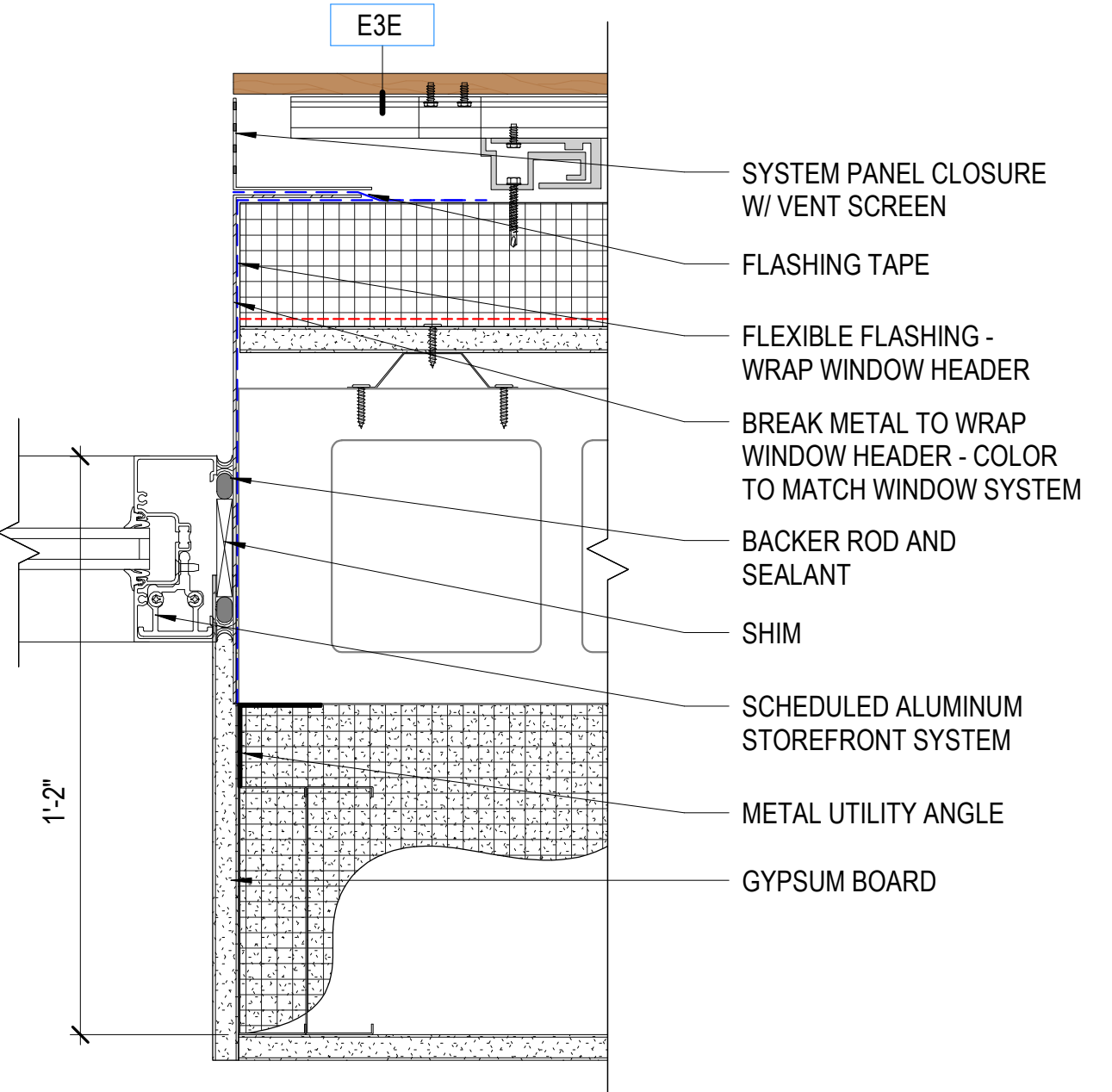
C2 MATERIAL TRANSITION DETAIL
 SCALE: 3" = 1'-0"



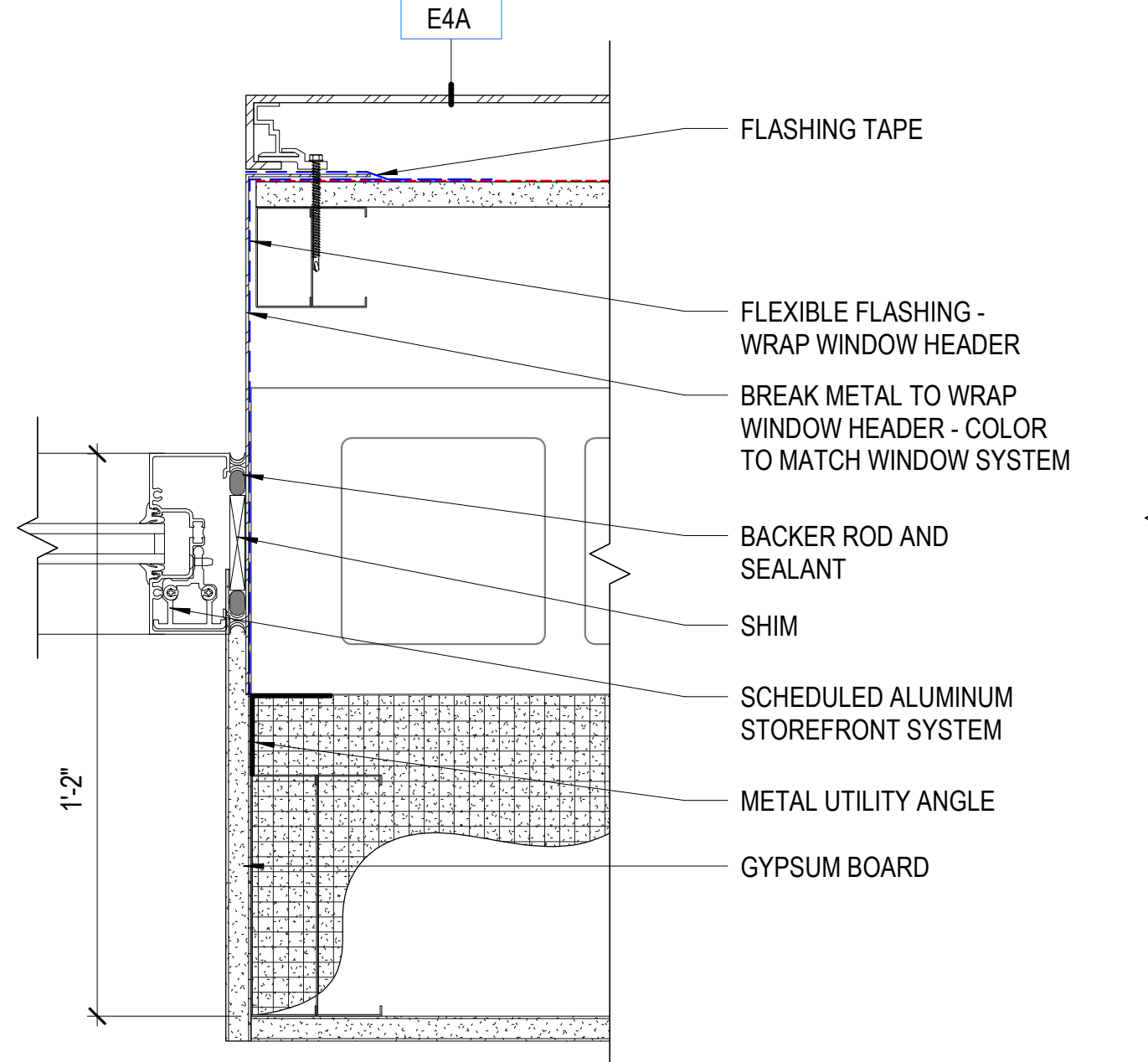
D1 WINDOW JAMB DETAIL
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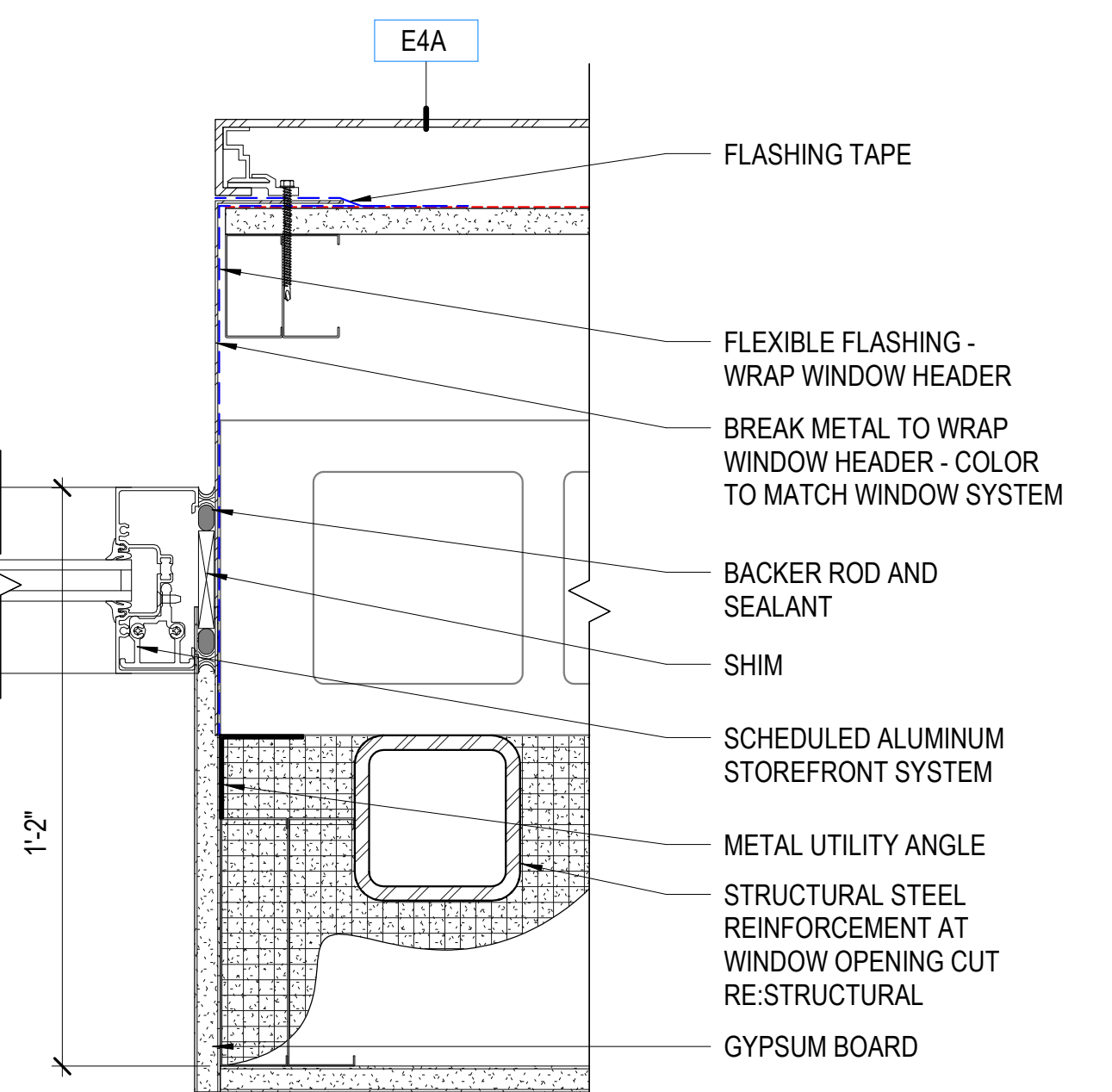
E5 WINDOW JAMB DETAIL
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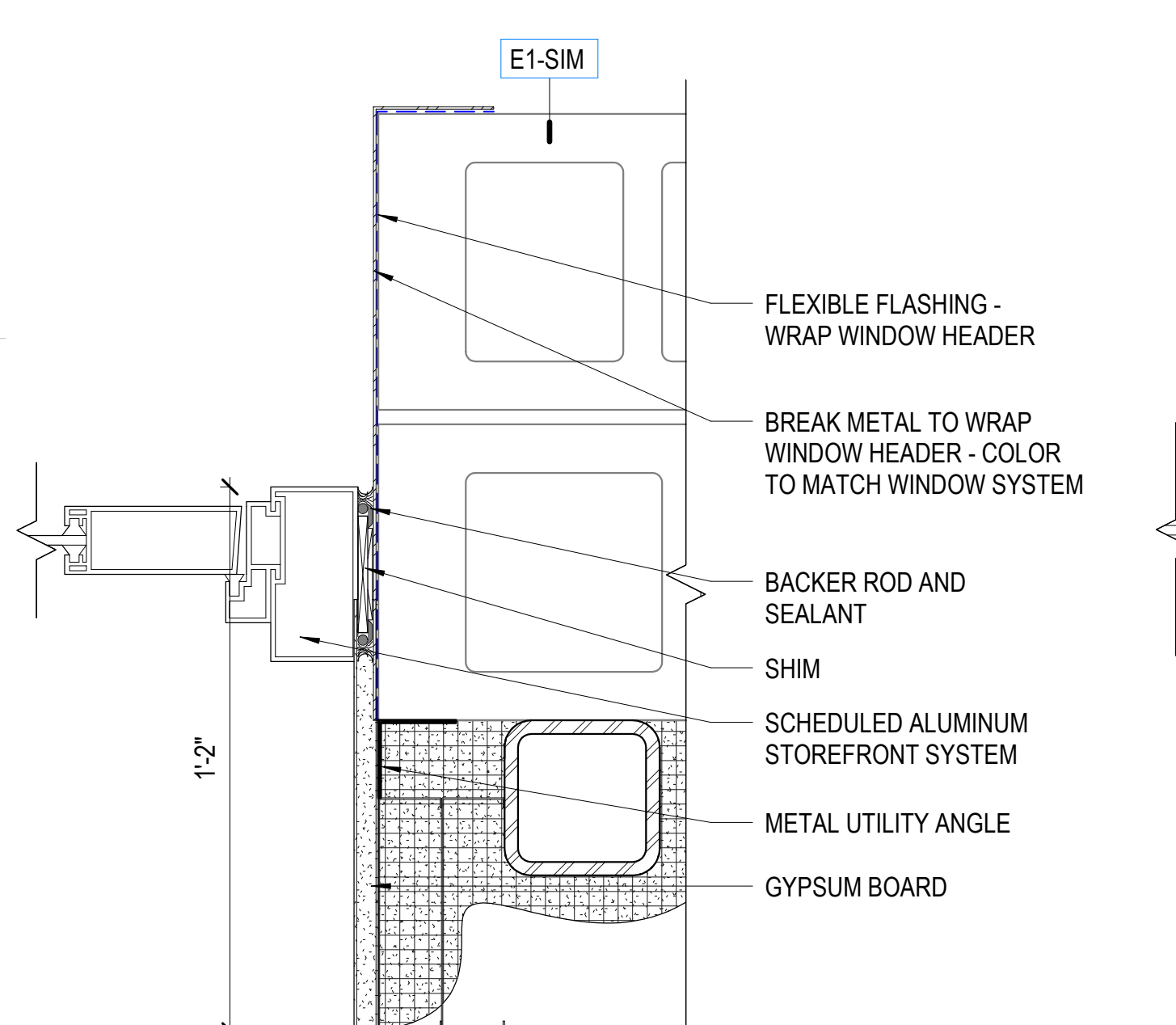
E4 WINDOW JAMB DETAIL
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E3 WINDOW JAMB DETAIL
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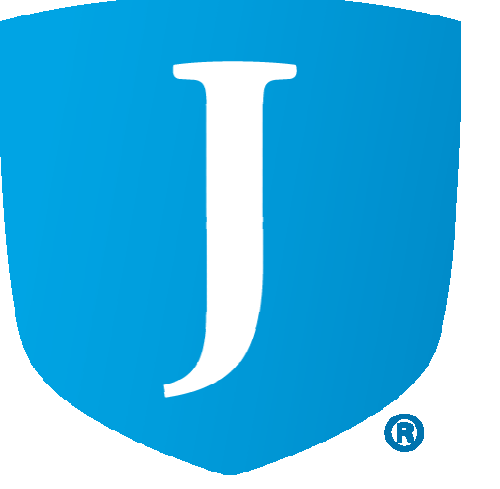


E2 WINDOW JAMB DETAIL
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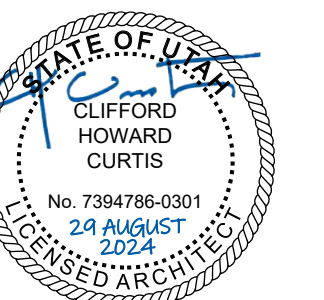
E1 WINDOW JAMB DETAIL
 SCALE: 3" = 1'-0"

Autodesk Docs: 2024528 - ESD Retail Remodel/03/24 2024528 - ESD Retail Remodel.rvt
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MHTN PROJECT NO. 2024528

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LAST REVISION DATE.

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ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME

ENVELOPE

DETAILS

SHEET NUMBER

A333

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B2 PLAN DETAIL
SCALE: 3" = 1'-0"

B3 PLAN DETAIL
SCALE: 3" = 1'-0"

B4 PLAN DETAIL
SCALE: 3" = 1'-0"

B5 PLAN DETAIL
SCALE: 3" = 1'-0"

D2 PLAN DETAIL
SCALE: 3" = 1'-0"

D3 PLAN DETAIL
SCALE: 3" = 1'-0"

D4 PLAN DETAIL
SCALE: 3" = 1'-0"

D5 PLAN DETAIL
SCALE: 3" = 1'-0"

E2 PLAN DETAIL
SCALE: 3" = 1'-0"

E3 PLAN DETAIL
SCALE: 3" = 1'-0"

E4 PLAN DETAIL
SCALE: 3" = 1'-0"

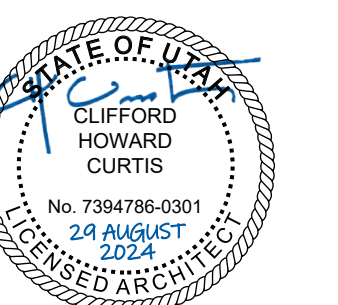
E5 ELEVATION DETAIL
SCALE: 3/16" = 1'-0"

Labels in drawings: E1, E3A, E3B, E3C, E3D, E4A, E4B, E4C, E4D, BACKER ROD AND SEALANT, PHENOLIC PANEL SYSTEM JOINT CLOSURE, PHENOLIC PANEL SYSTEM CLOSURE, BRAKE METAL, JOINT CLOSURE, METAL PANEL SYSTEM TYPICAL CORNER DETAIL, FILL WALL CAVITY WITH CONTINUOUS CLOSED-CELL POLYURETHANE SPRAY FOAM INSULATION IN THIS AREA, LINE OF ROOF ASSEMBLY (BEYOND).



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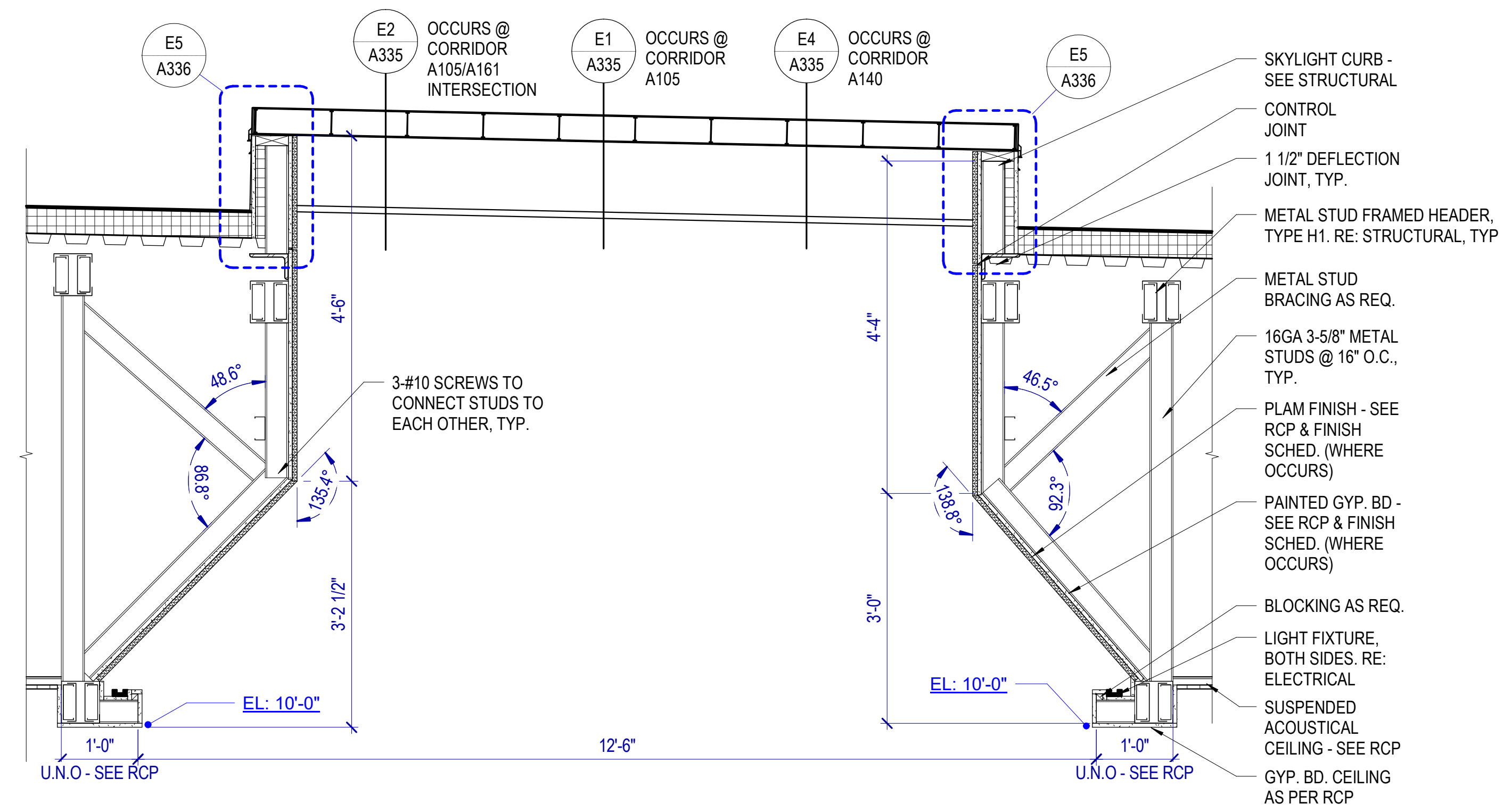
REVISIONS:
CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE.

NO.	DATE	DESCRIPTION

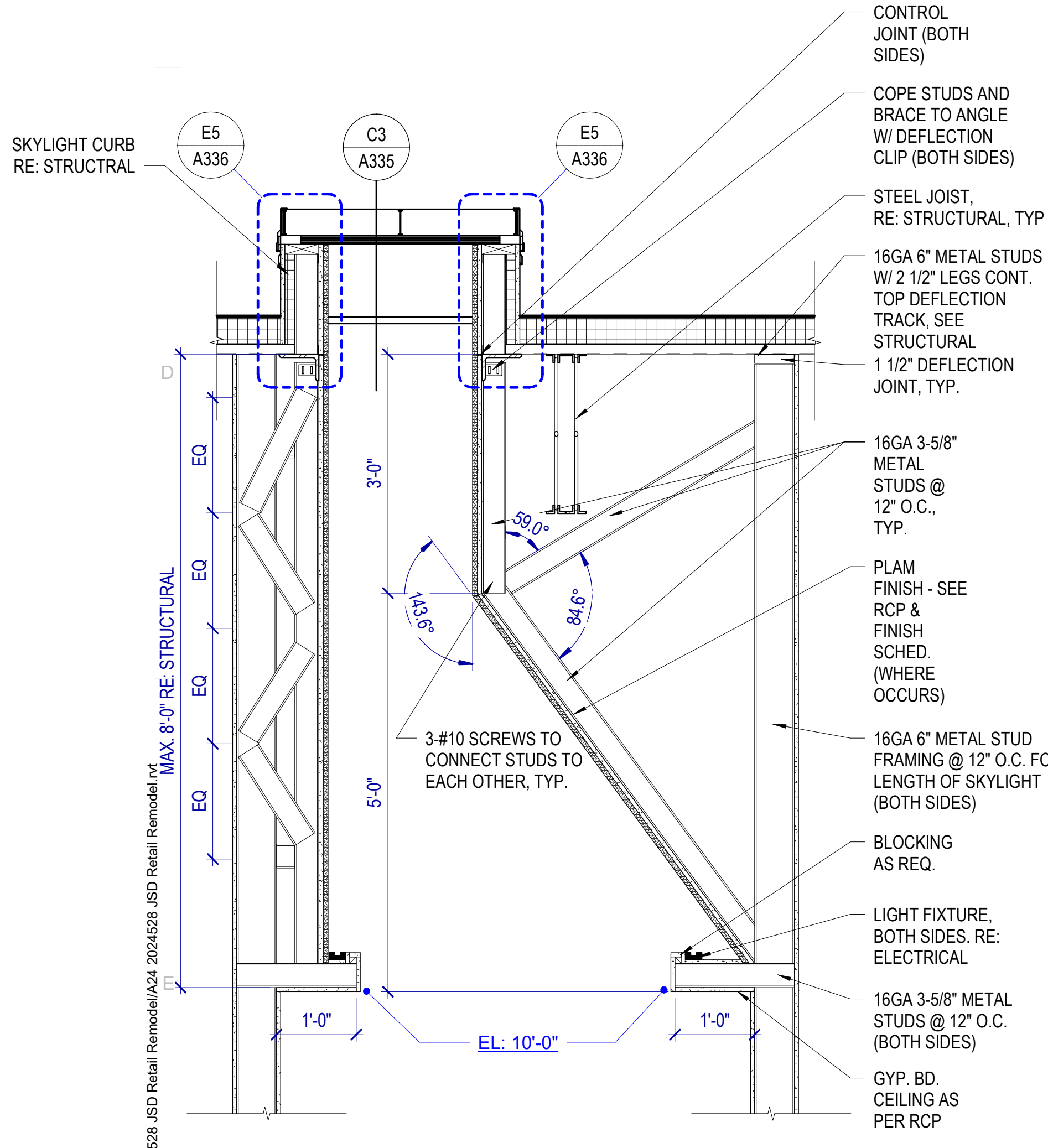
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CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME
SKYLIGHT DETAILS

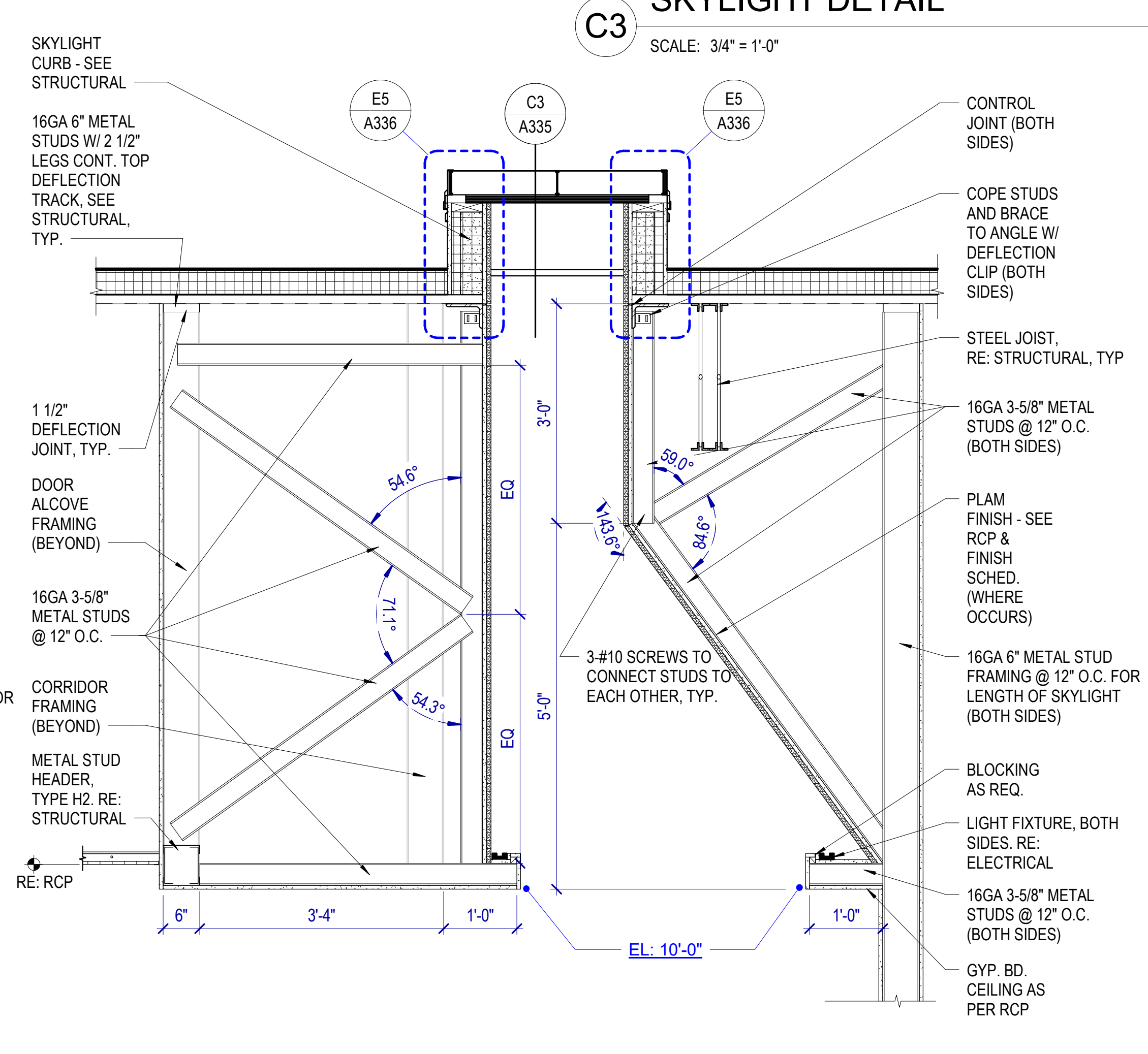
SHEET NUMBER
A335



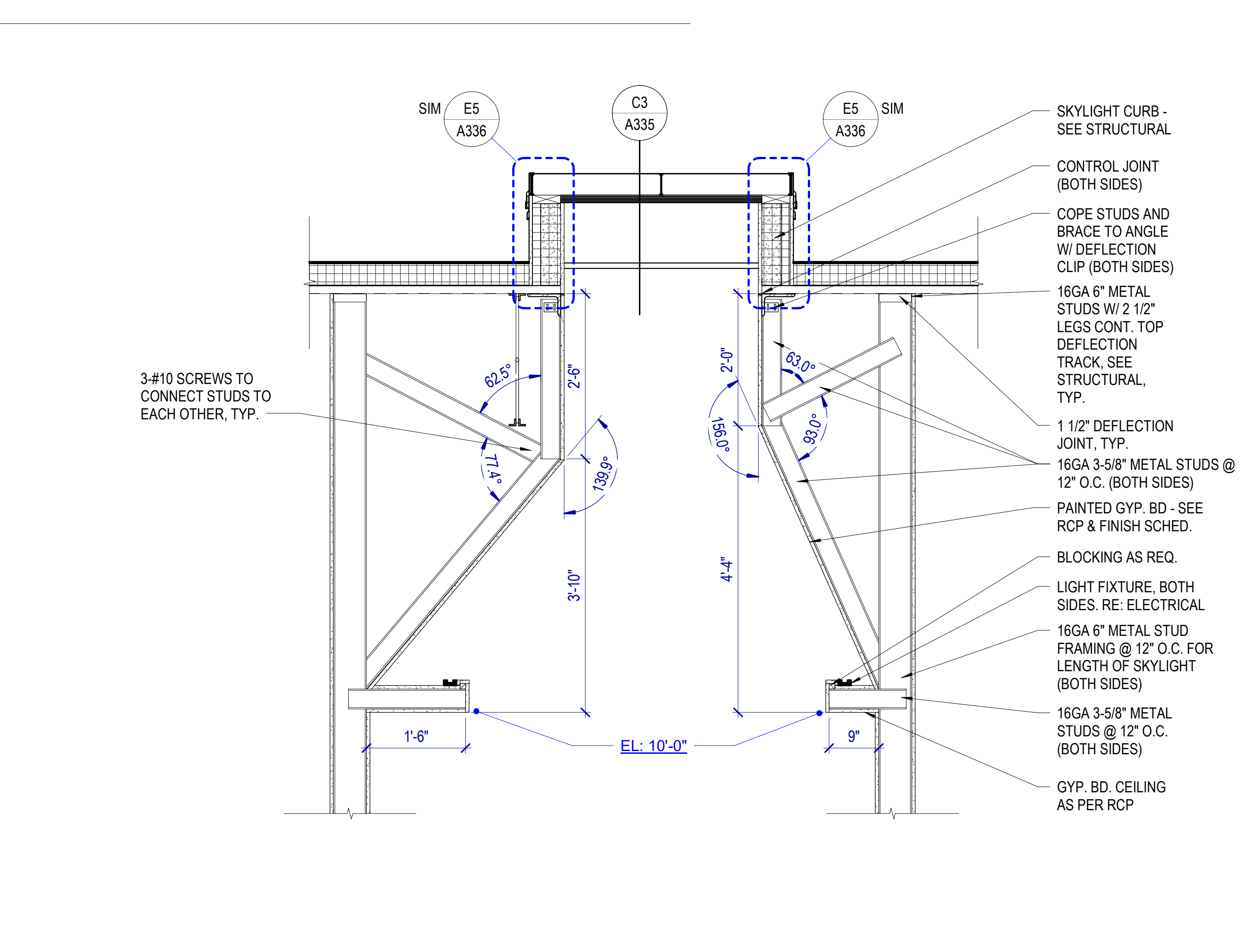
E5 SKYLIGHT DETAIL
SCALE: 3/4" = 1'-0"



E1 SKYLIGHT DETAIL
SCALE: 3/4" = 1'-0"

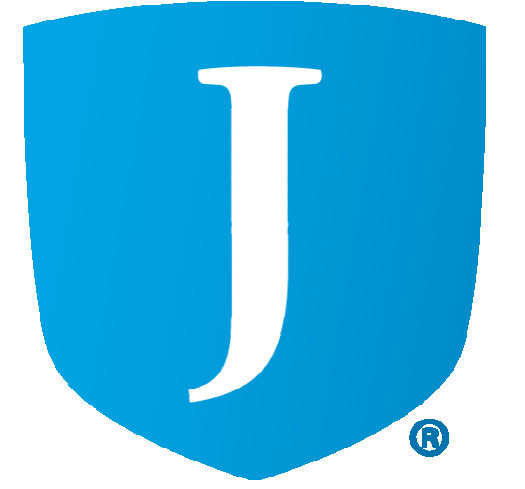


E2 SKYLIGHT DETAIL
SCALE: 3/4" = 1'-0"



E4 SKYLIGHT DETAIL
SCALE: 3/4" = 1'-0"

SKYLIGHT DETAILS GENERAL NOTES
SEE STRUCTURAL FOR FASTENING REQUIREMENTS



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SEAL

MHTN PROJECT NO. 2024528

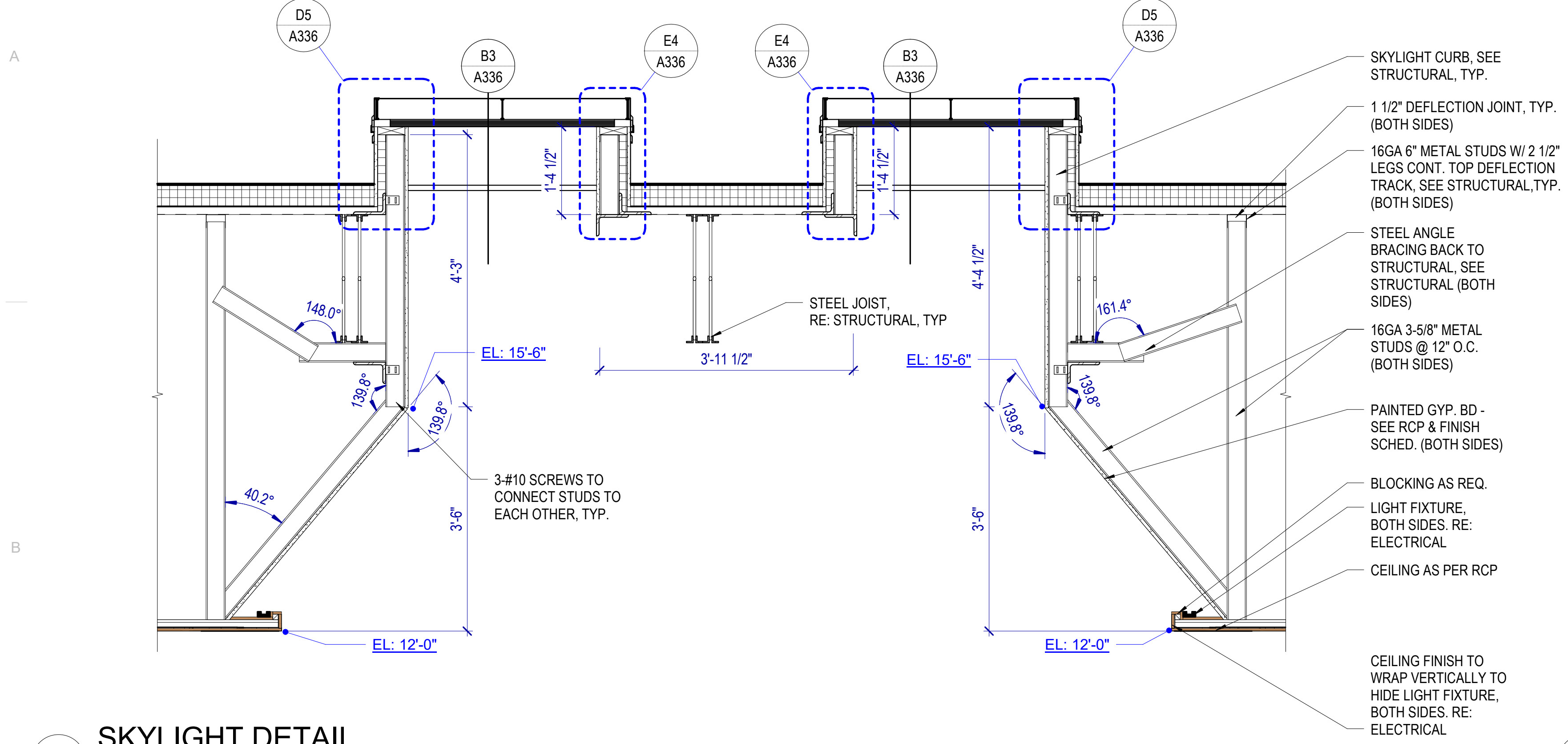
Original drawing is 36" x 42". Do not scale contents of this drawing.

REVISIONS:
CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE.

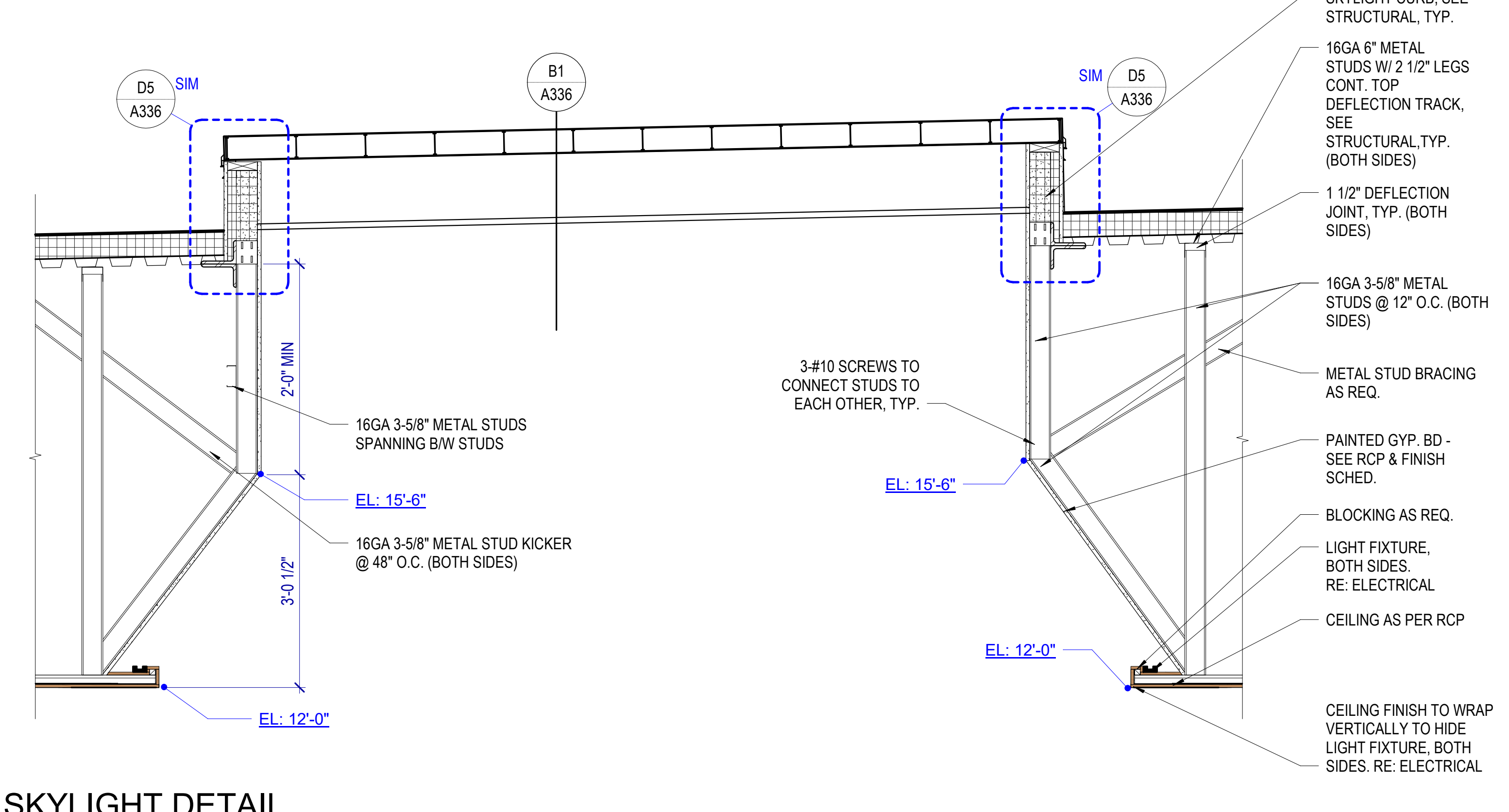
NO.	DATE	DESCRIPTION

ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024
SHEET NAME
SKYLIGHT DETAILS
SHEET NUMBER

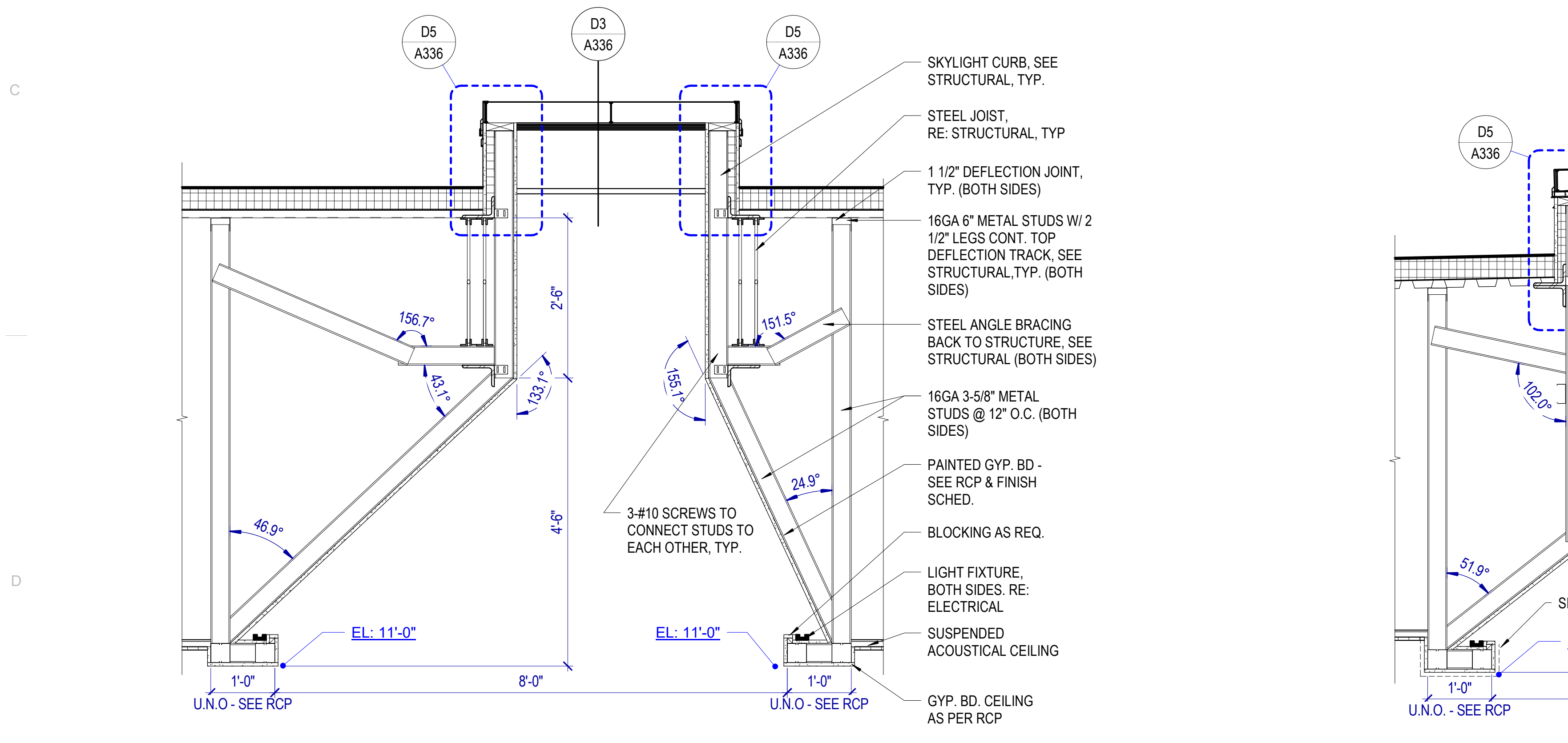
A336



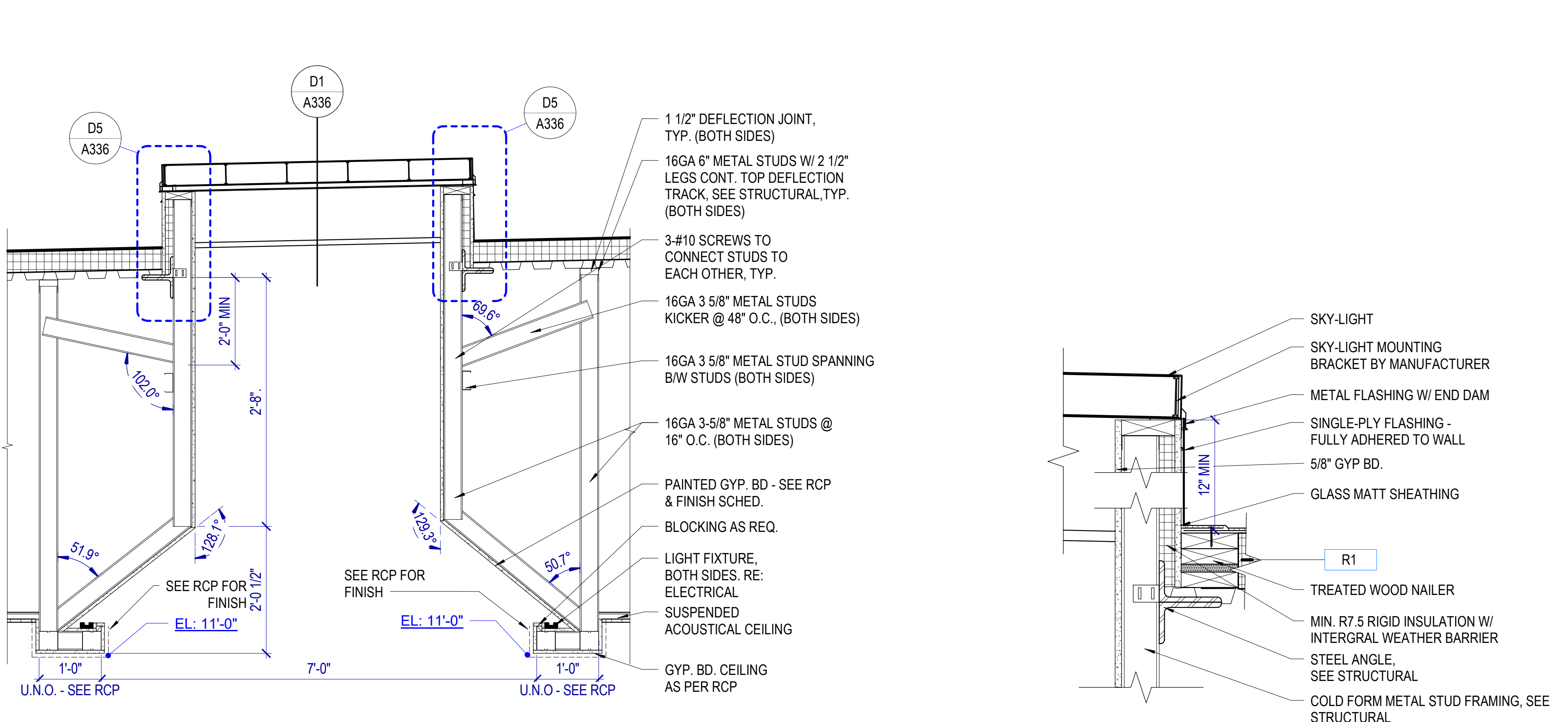
B1 SKYLIGHT DETAIL
SCALE: 3/4" = 1'-0"



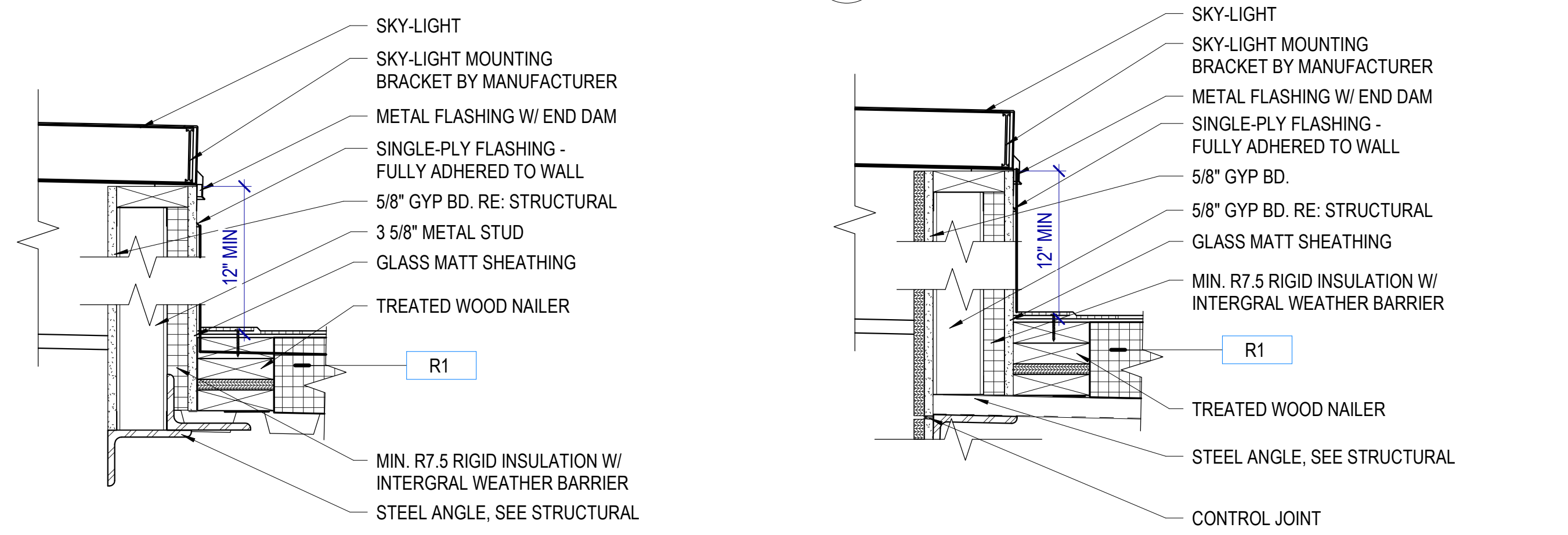
B3 SKYLIGHT DETAIL
SCALE: 3/4" = 1'-0"



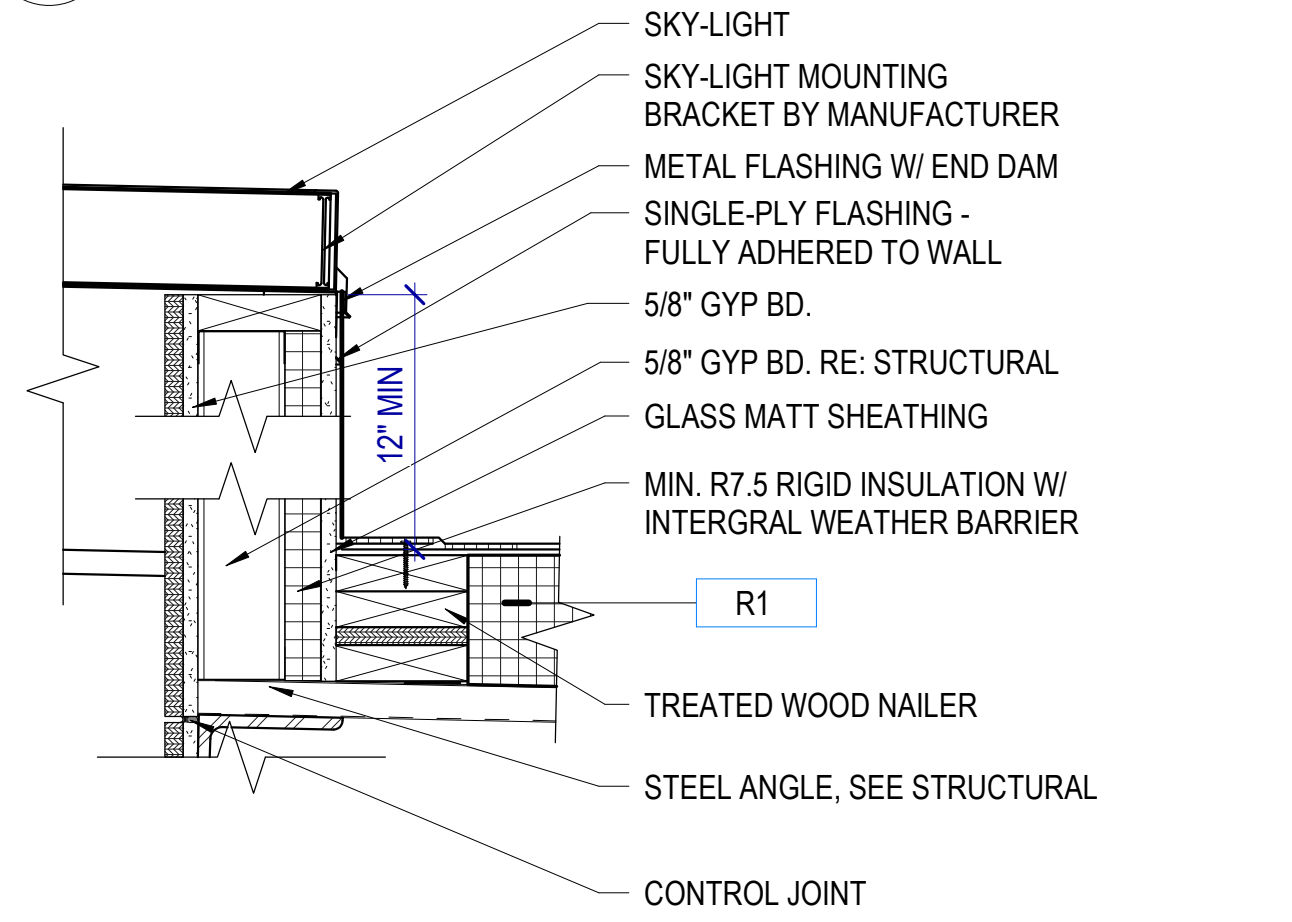
D1 SKYLIGHT DETAIL
SCALE: 3/4" = 1'-0"



D3 SKYLIGHT DETAIL
SCALE: 3/4" = 1'-0"



E4 SKYLIGHT DETAIL
SCALE: 1 1/2" = 1'-0"



E5 SKYLIGHT DETAIL
SCALE: 1 1/2" = 1'-0"

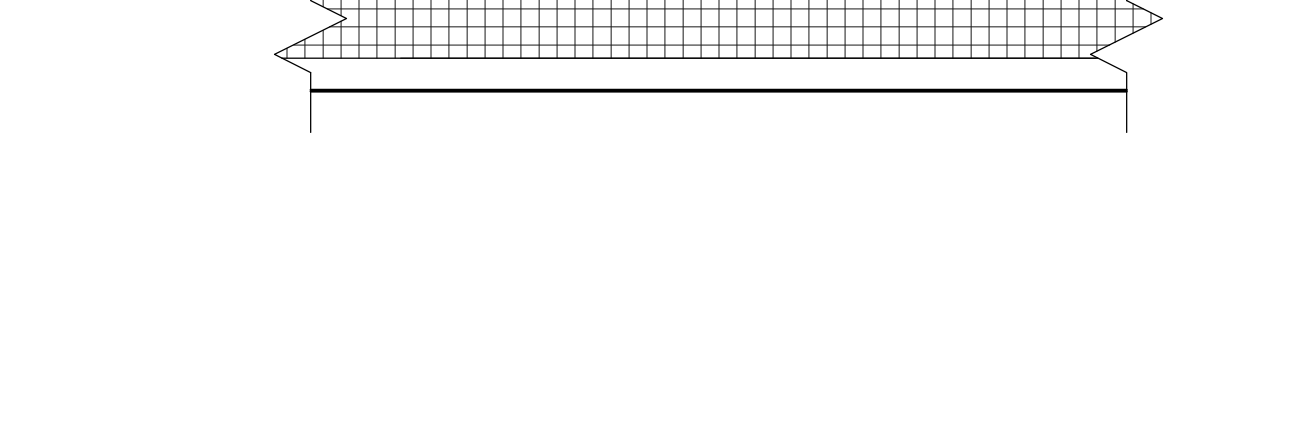
ROOF DETAIL GENERAL NOTES

Terms such as "SEE SPECS," "RE: MECHANICAL" and so forth have been omitted from these details. All details require the general contractor and sub-contractors to refer to other drawings and specifications as required to understand and provide the items indicated and to provide supporting items that may or may not be shown.

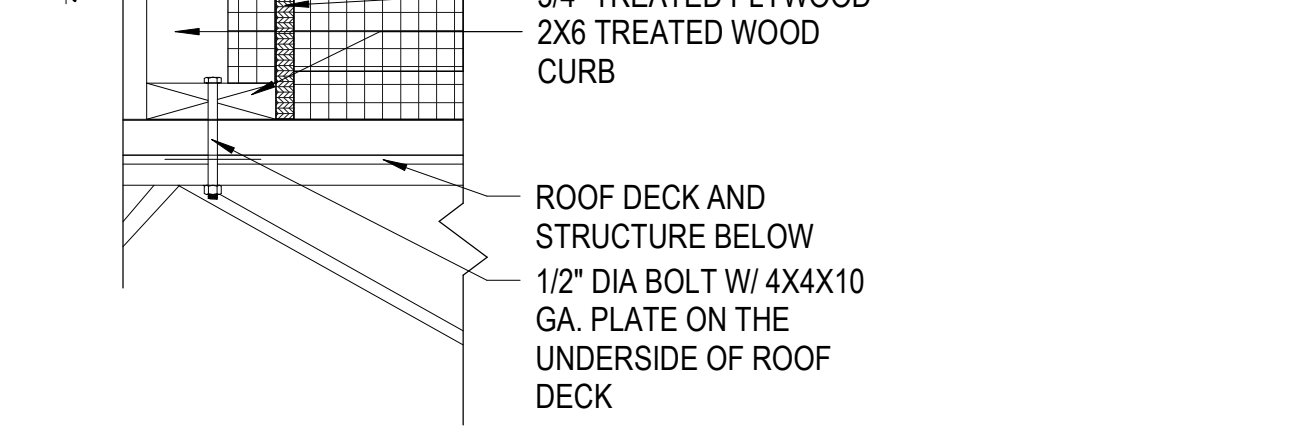
The continuous nature of the materials shown in the details is inferred, though the word "continuous" may be omitted from the detail notes.

Cleats: Unless specifically noted otherwise, provide continuous cleats.

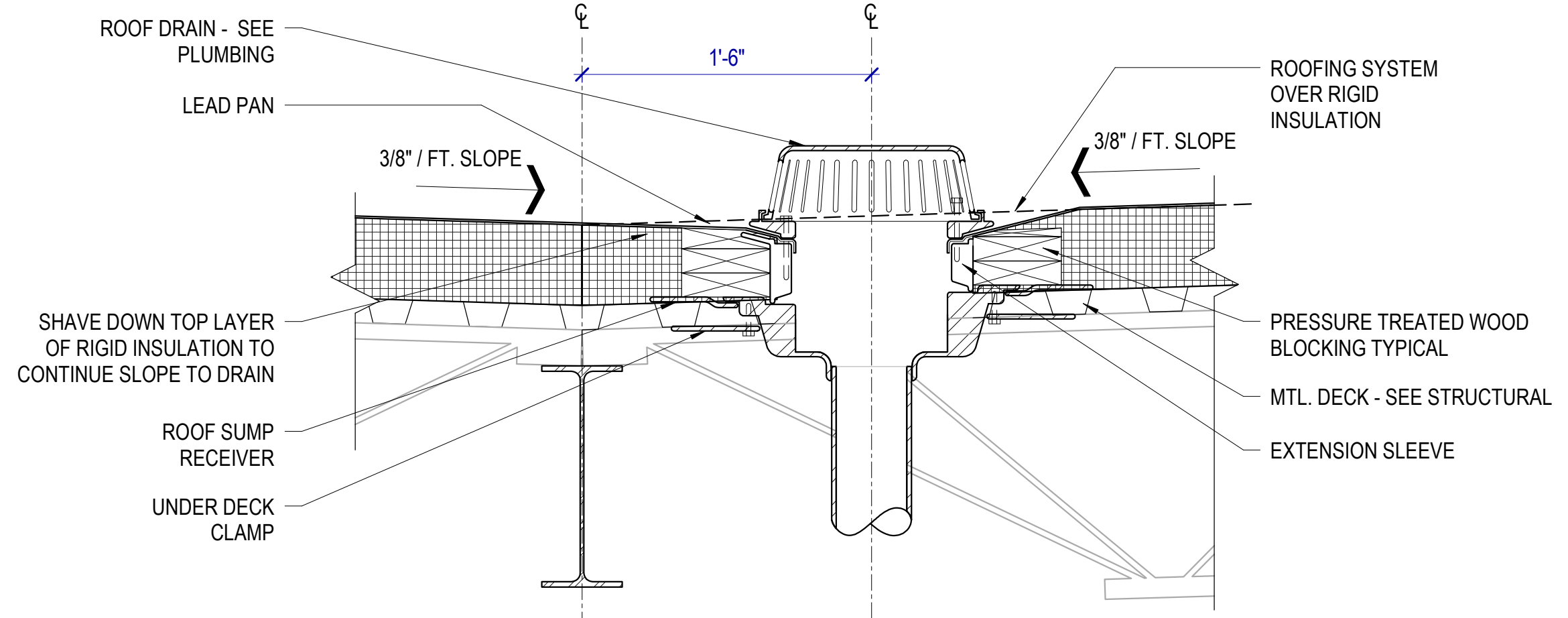
Backer Rods: Provide backer rods at all joints that incorporate sealants.



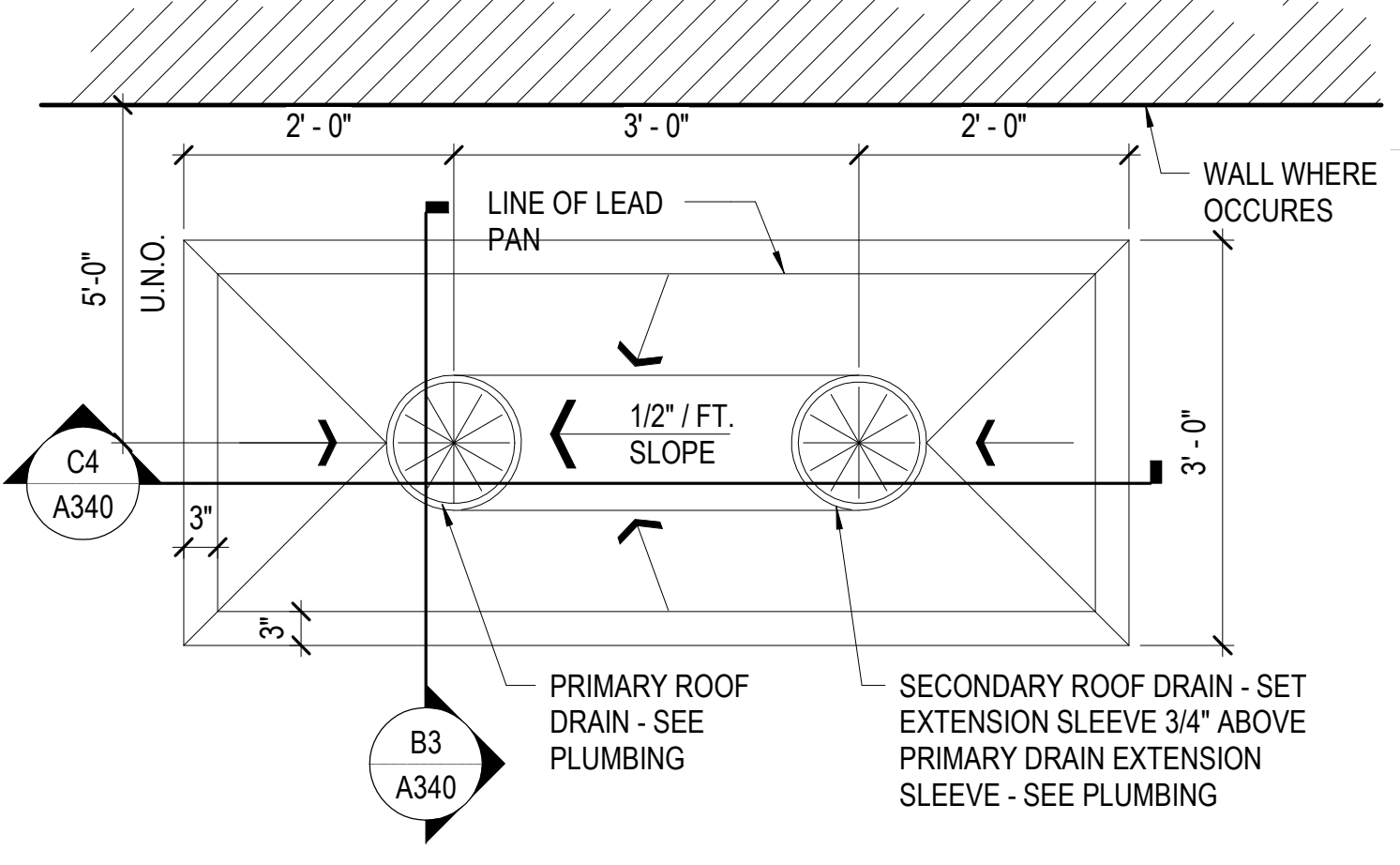
A1 ROOF WALKWAY DETAIL
 SCALE: 1 1/2" = 1'-0"



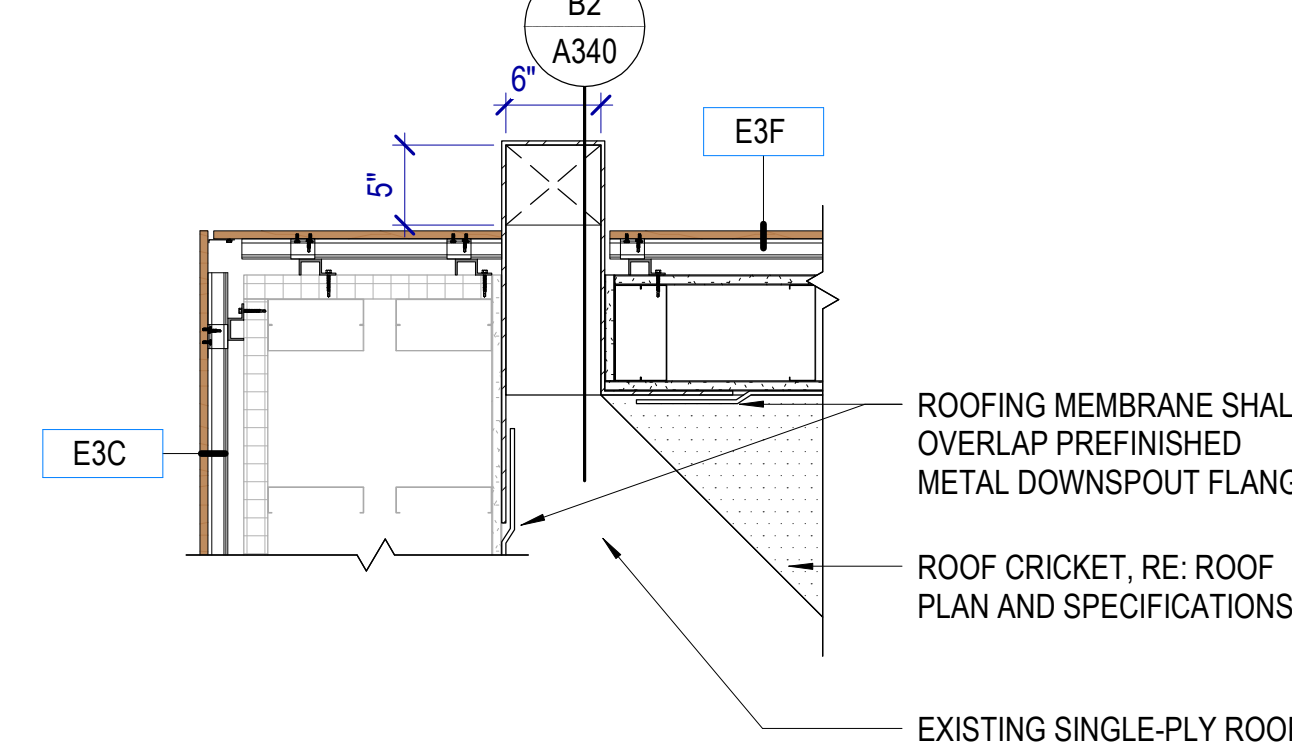
A2 ROOF CURB DETAIL
 SCALE: 1 1/2" = 1'-0"



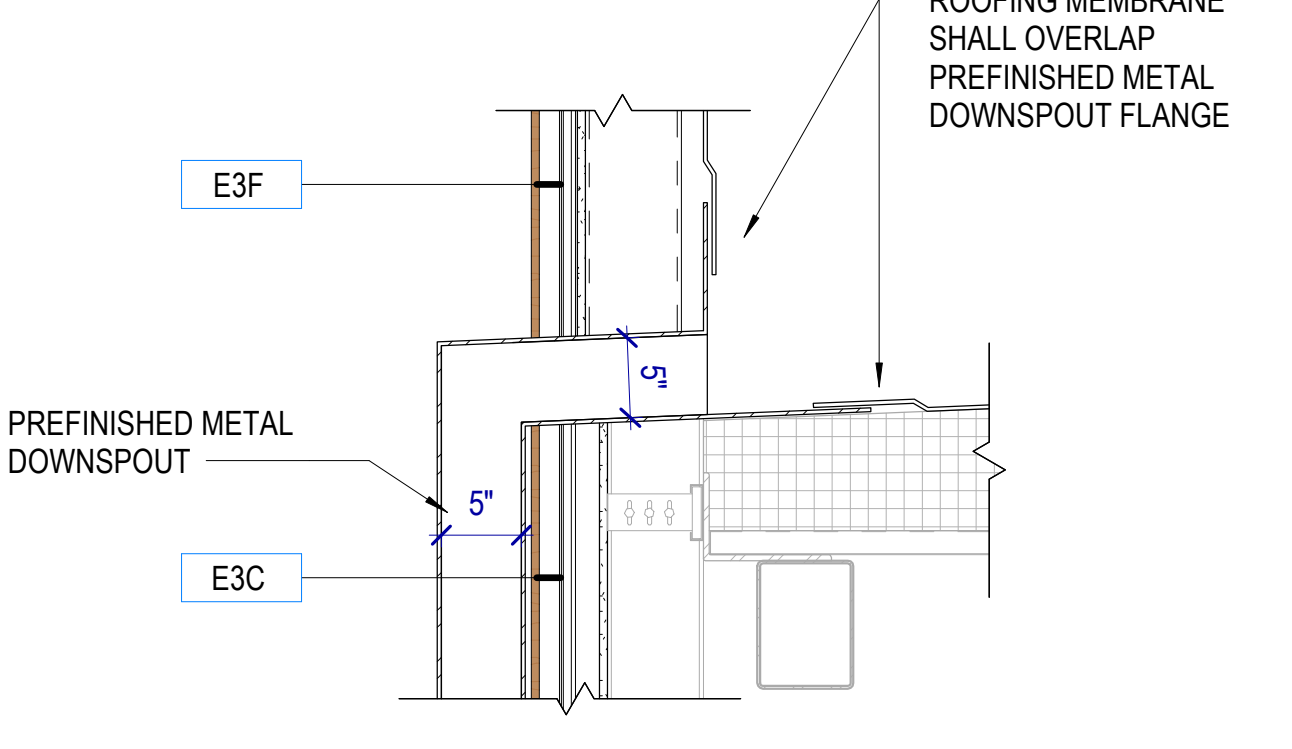
B3 ROOF DRAIN DETAIL
 SCALE: 1 1/2" = 1'-0"



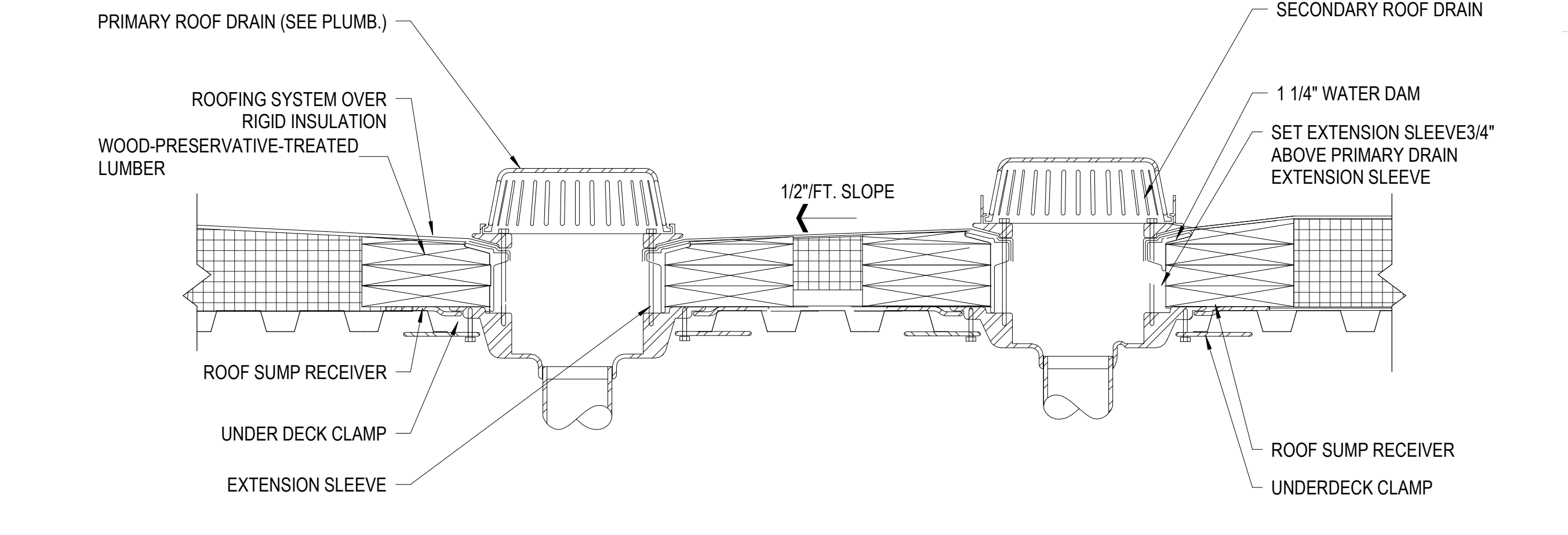
B5 ROOF DRAIN (DOUBLE) PLAN
 SCALE: 3/4" = 1'-0"



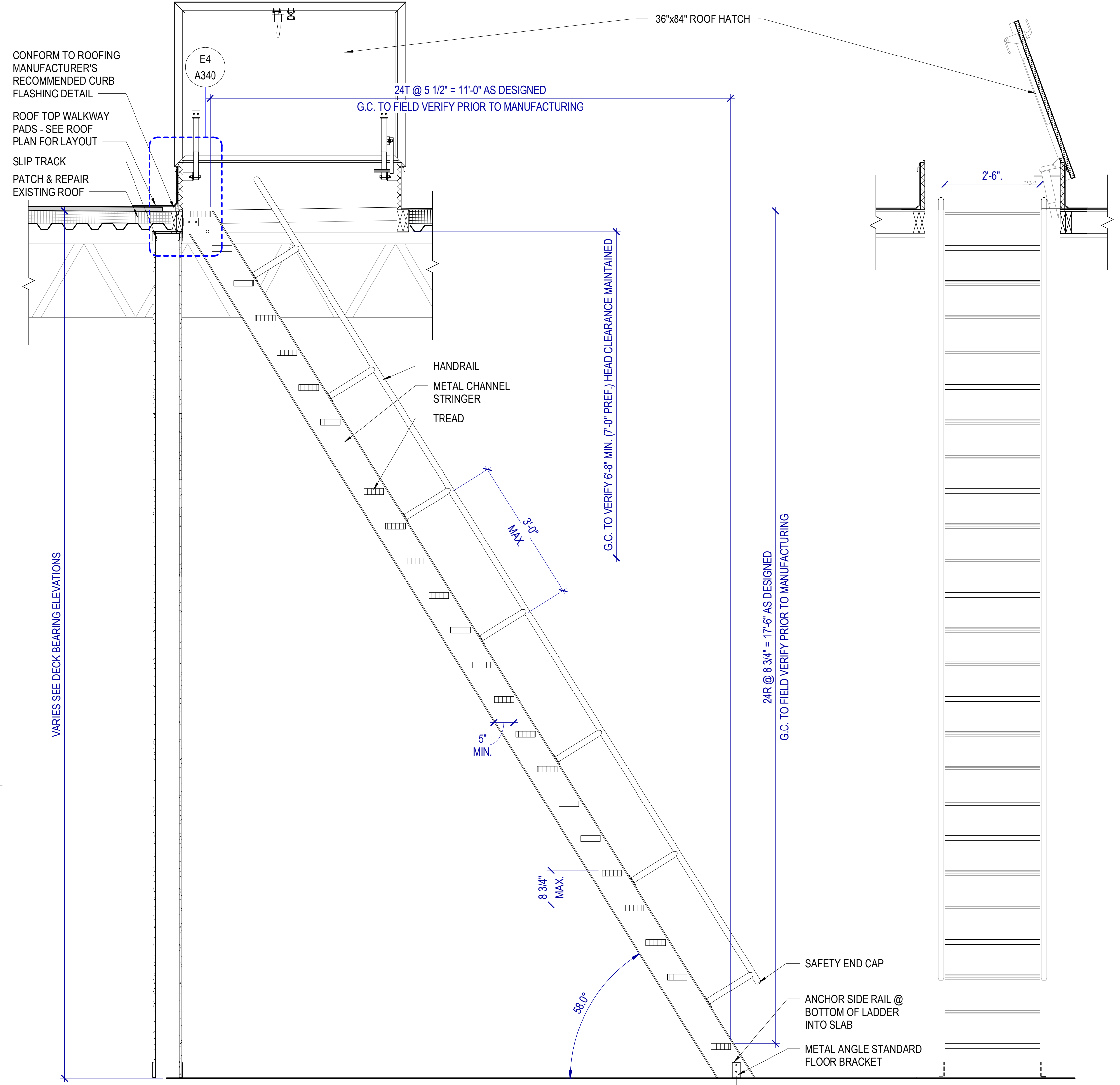
B1 SCUPPER DETAIL
 SCALE: 1" = 1'-0"



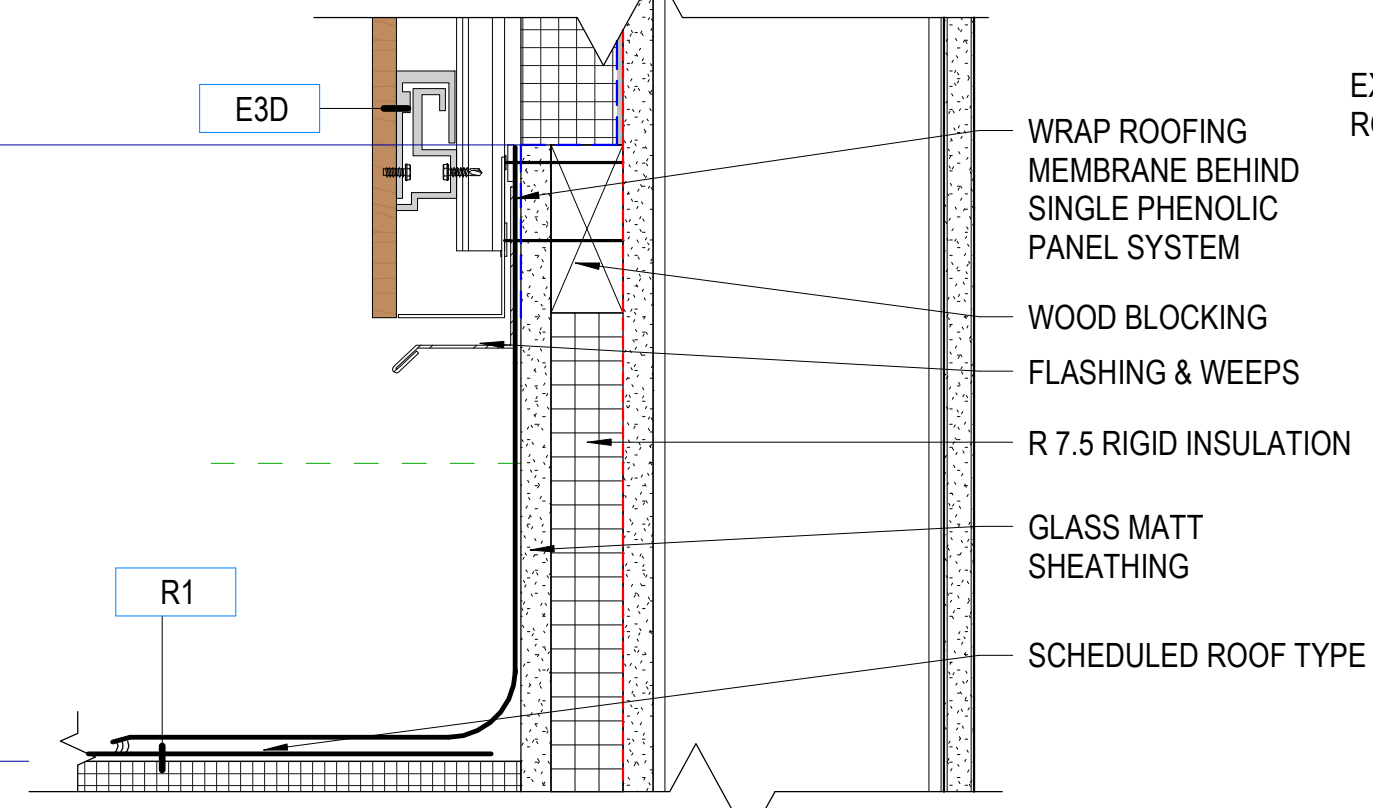
B2 SCUPPER DETAIL
 SCALE: 1" = 1'-0"



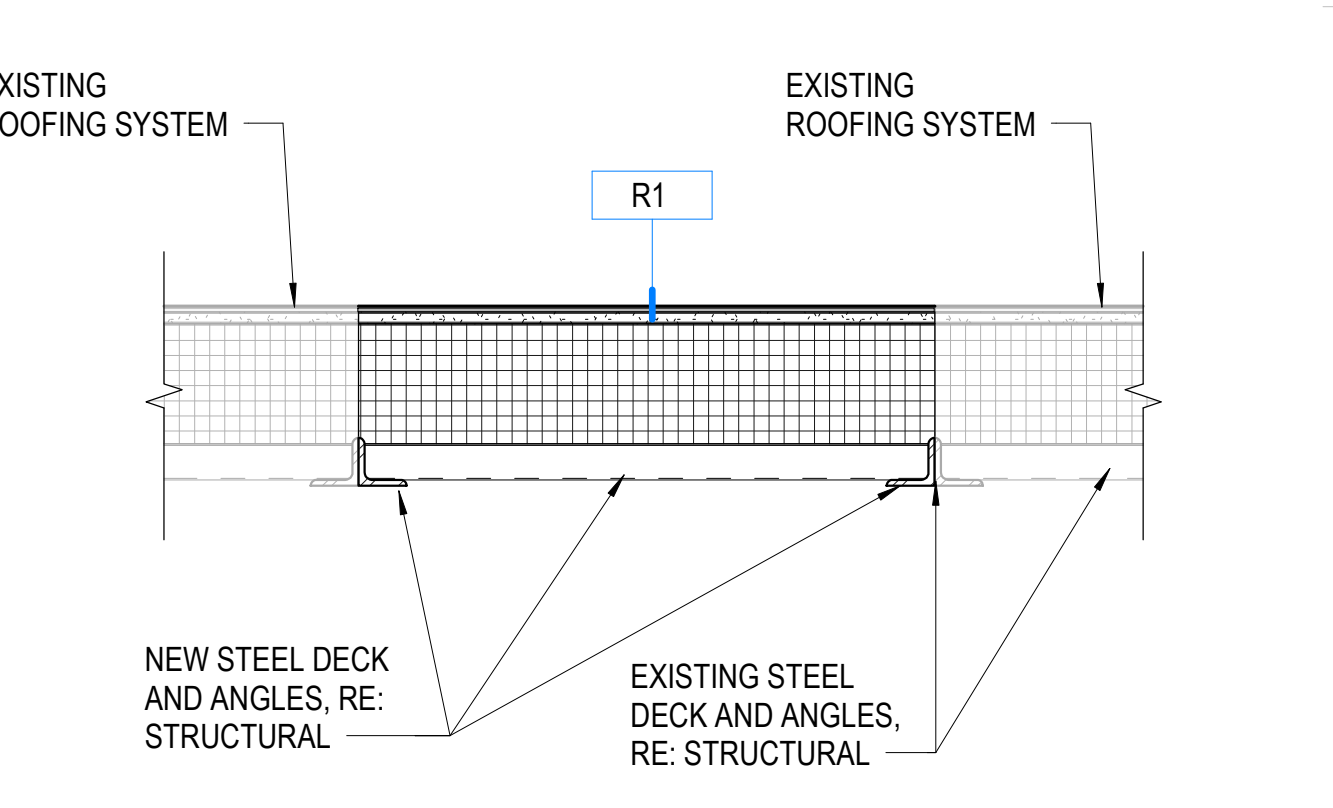
C4 ROOF DRAIN DOUBLE
 SCALE: 1 1/2" = 1'-0"



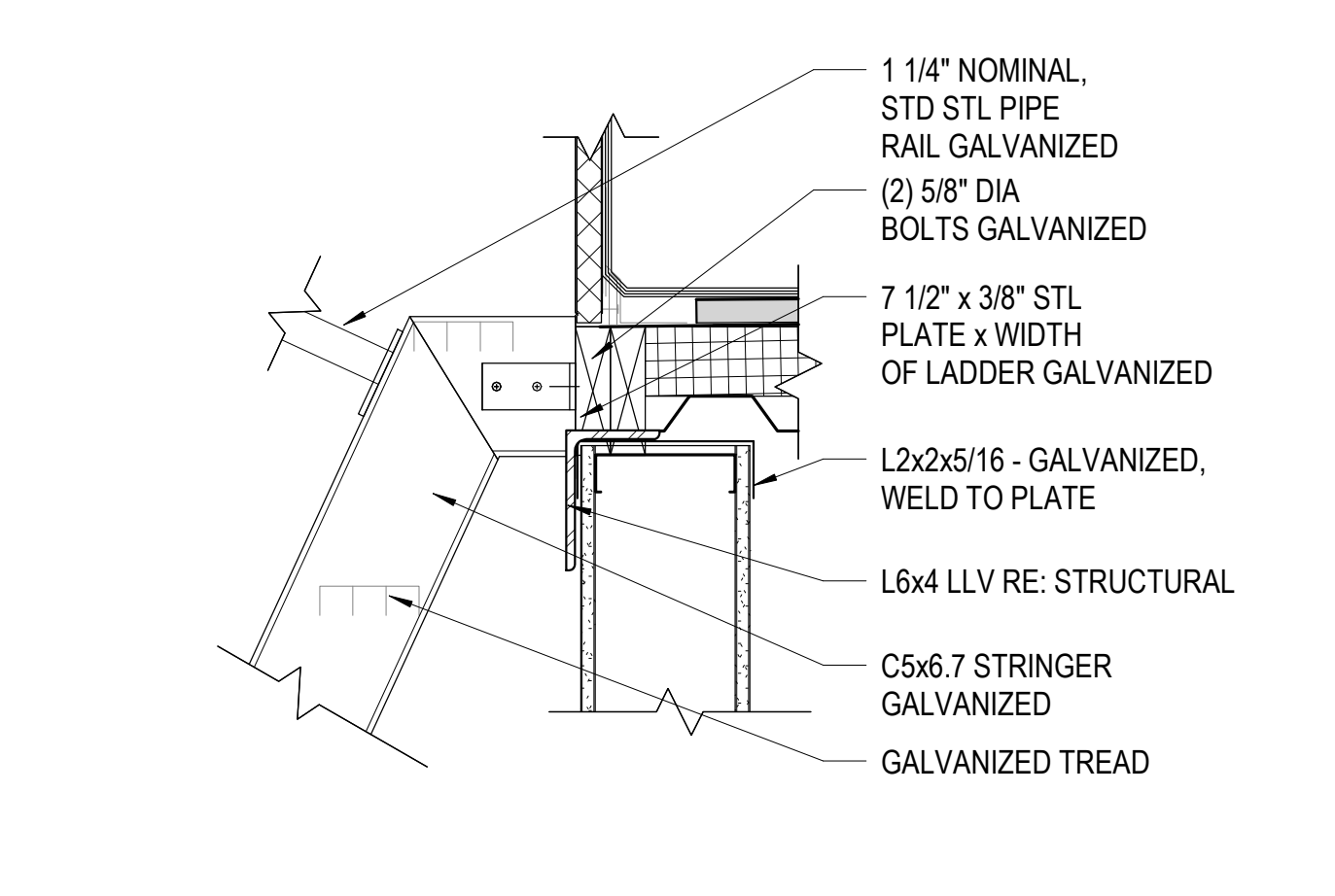
E1 SHIP LADDER DETAIL
 SCALE: 3/4" = 1'-0"



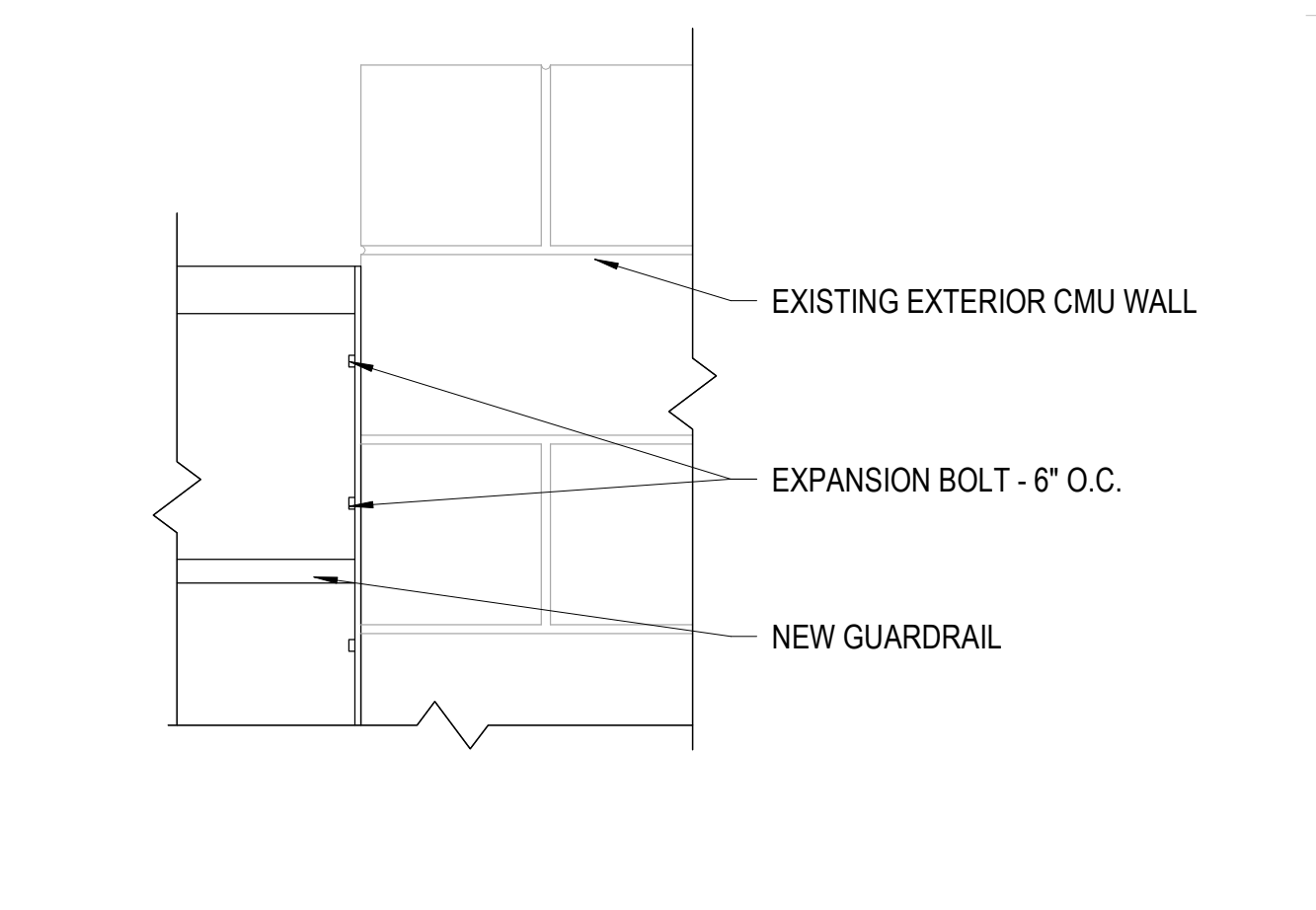
D4 ROOF DETAIL
 SCALE: 3" = 1'-0"



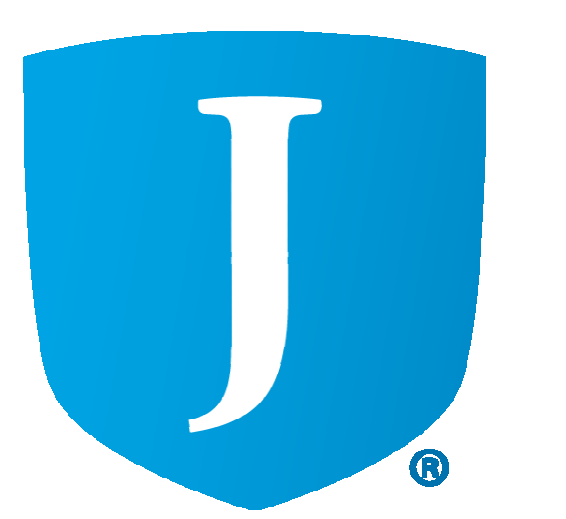
D5 ROOF INFILL
 SCALE: 1 1/2" = 1'-0"



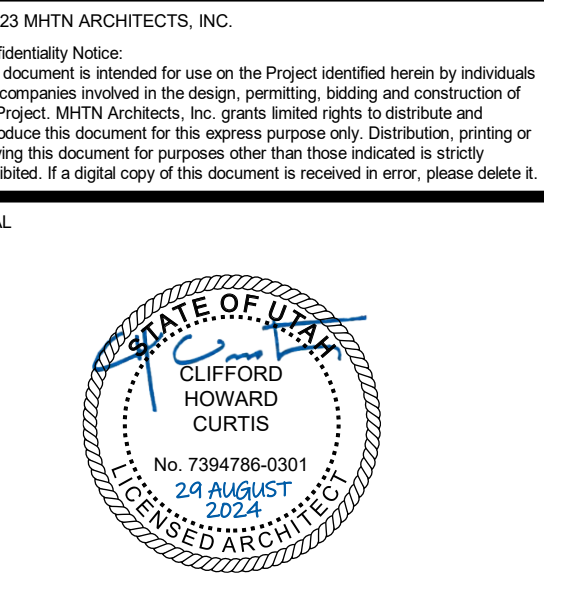
E4 SHIP LADDER DETAIL
 SCALE: 1 1/2" = 1'-0"



E5 GUARDRAIL DETAIL
 SCALE: 1 1/2" = 1'-0"



JORDAN SCHOOL DISTRICT
JORDAN LEARNING CENTER
 3706 WEST 9800 SOUTH
 SOUTH JORDAN, UT 84009



MHTN PROJECT NO: 2024528
 Original Drawing is 30 x 42. Do not scale contents of this drawing.

NO.	DATE	DESCRIPTION

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CONSTRUCTION DOCUMENTS
 AUGUST 29, 2024

ROOF DETAILS

A340

PARTIAL PLAN GENERAL NOTES

References to sheets below are provided to aid in navigating the drawings.

RE: G200 for Fixture Mounting Heights.

RE: G400 for Floor, Roof and Exterior Wall Types.

RE: G500 for Interior Wall Types.

RE: A450 for Locker Types.

RE: A640-A642 for finish schedule.

Interior Wall Height: All walls are continuous from floor to roof or floor deck above, UNO.

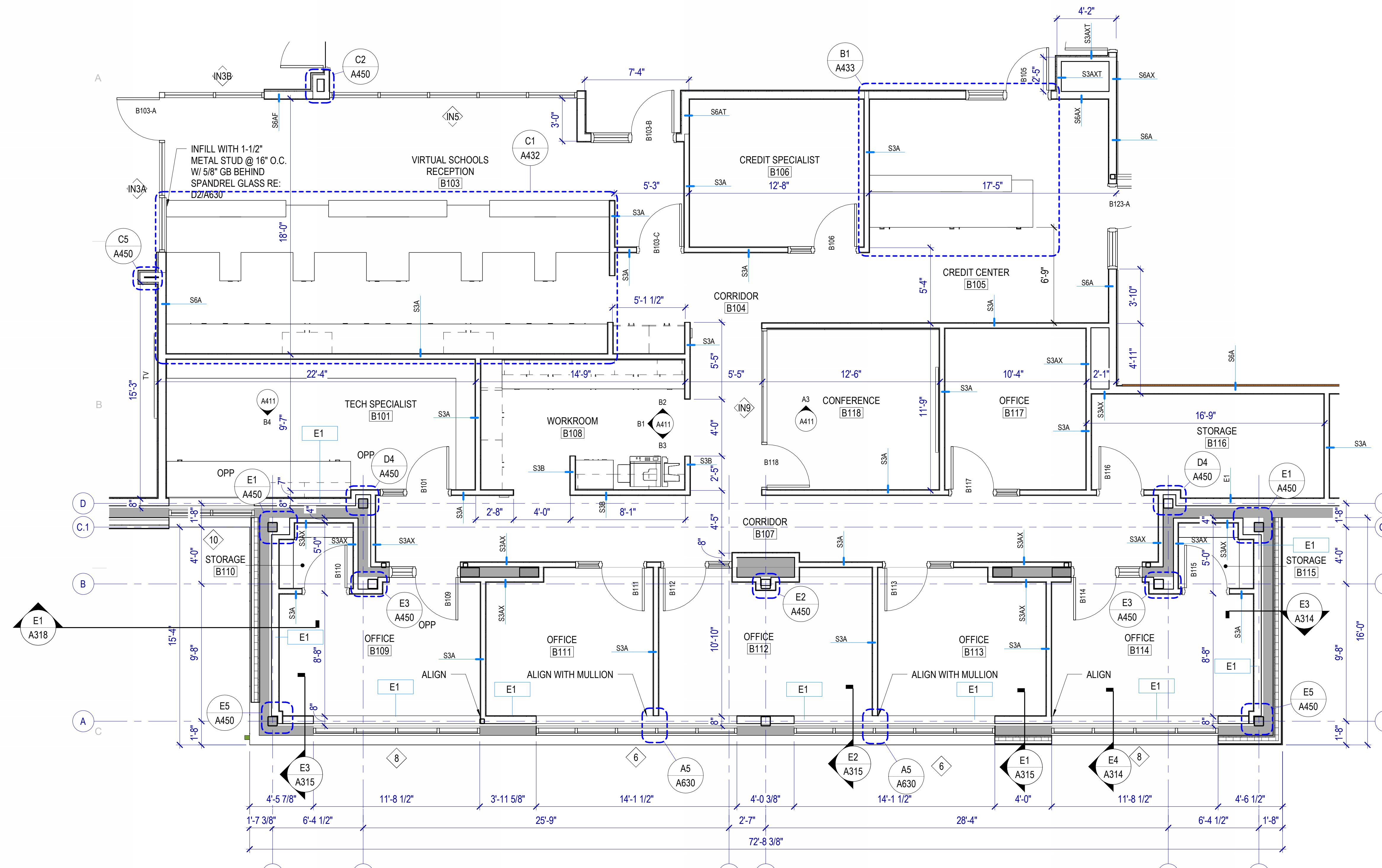
Keynotes: Not all keynotes apply to this sheet.



MHTN Architects, Inc.
280 South 400 West
Suite 250
Salt Lake City, Utah 84101
Telephone (801) 595-6700
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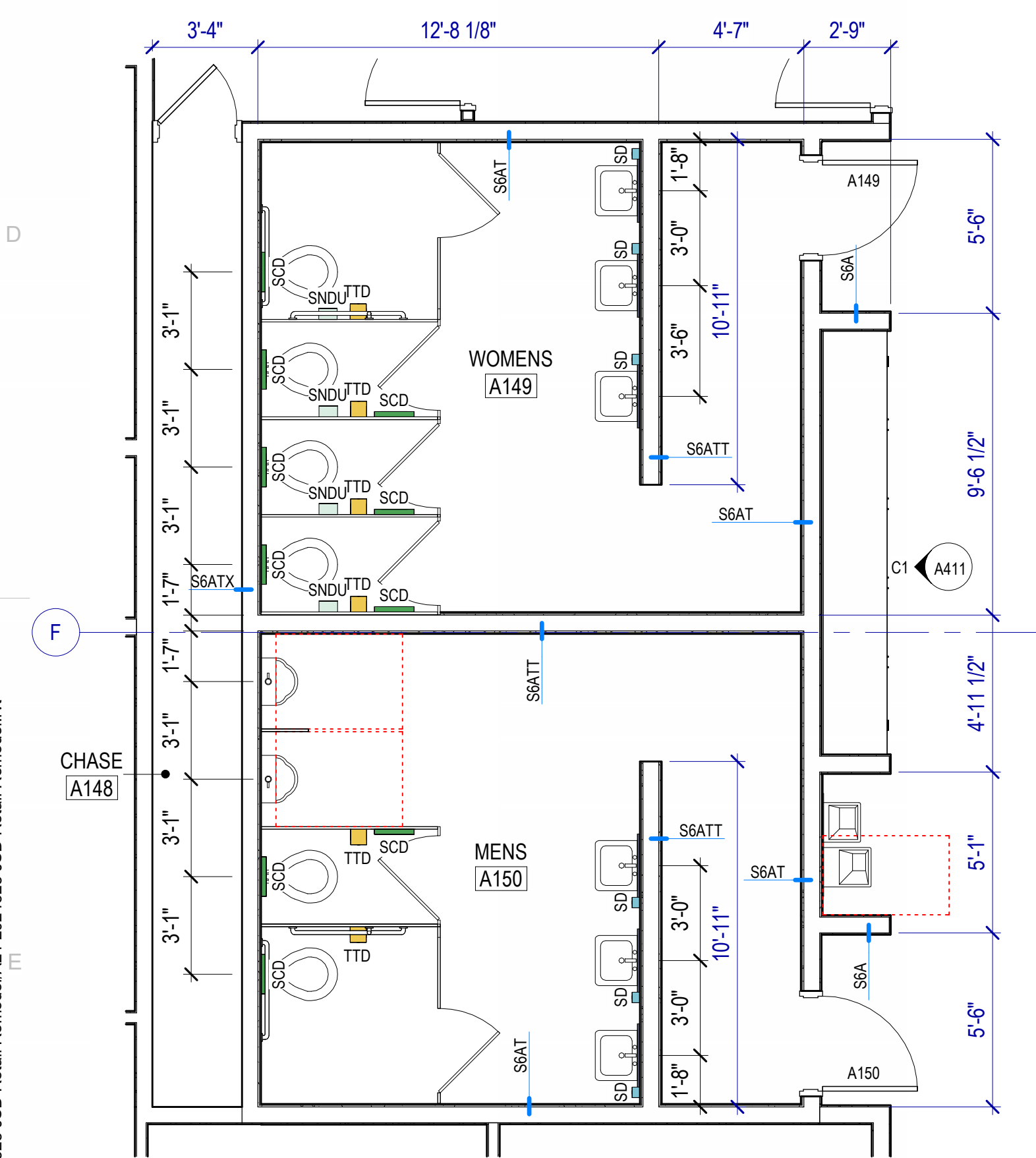
JORDAN SCHOOL DISTRICT
JORDAN LEARNING CENTER
3706 WEST 9800 SOUTH
SOUTH JORDAN, UT 84009



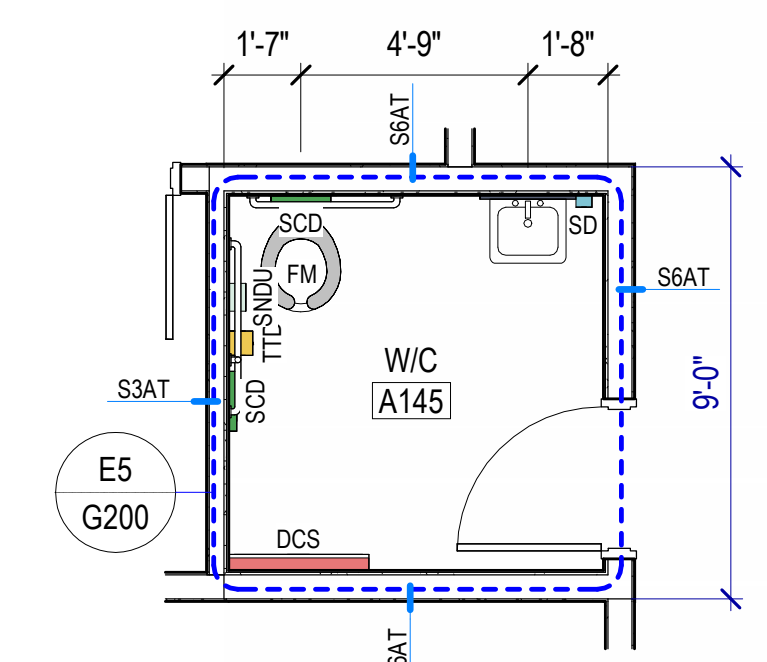
C1 ENLARGED PLAN - ADMIN OFFICES
SCALE: 1/4" = 1'-0"

LEGEND - TOILET ROOMS

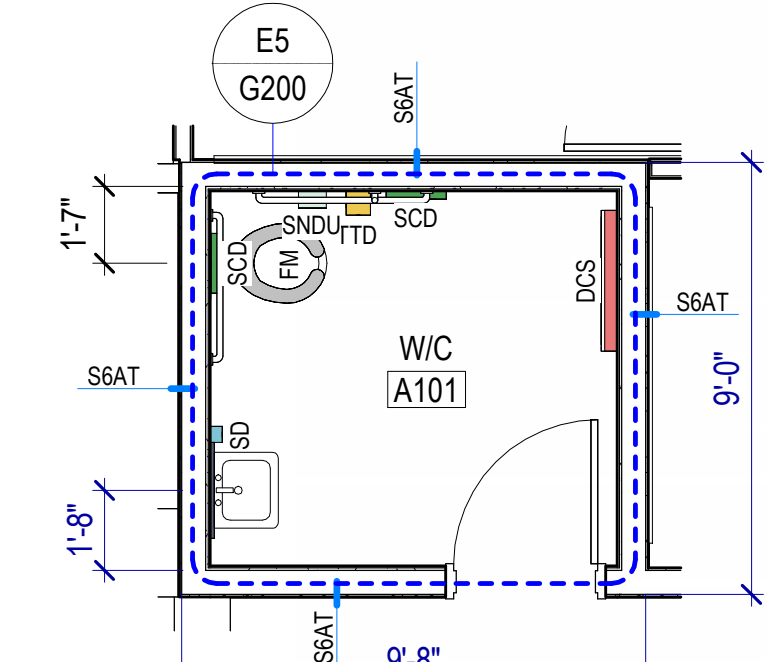
PLAN	ELEVATION	DESCRIPTION
TTO	[Symbol]	TOILET TISSUE DISPENSER, OFCI
M24x36	[Symbol]	FRAMED MIRROR
SD	[Symbol]	SOAP DISPENSER, OFCI
PTD	[Symbol]	PAPER TOWEL DISPENSER, OFCI
SNDU	[Symbol]	SANITARY NAPKIN DISPOSAL UNIT, OFCI
SCD	[Symbol]	SEAT COVER DISPENSER, OFCI
DCS	[Symbol]	DIAPER CHANGING STATION
[Symbol]	[Symbol]	WALL MOUNTED WATER CLOSET
[Symbol]	[Symbol]	FLOOR MOUNTED WATER CLOSET
[Symbol]	[Symbol]	WALL HUNG URINAL
[Symbol]	[Symbol]	WALL HUNG LAVATORY
[Symbol]	[Symbol]	COUNTER MOUNTED SINK
FD	[Symbol]	FLOOR DRAIN
MBH	[Symbol]	MOP & BROOM HOLDER



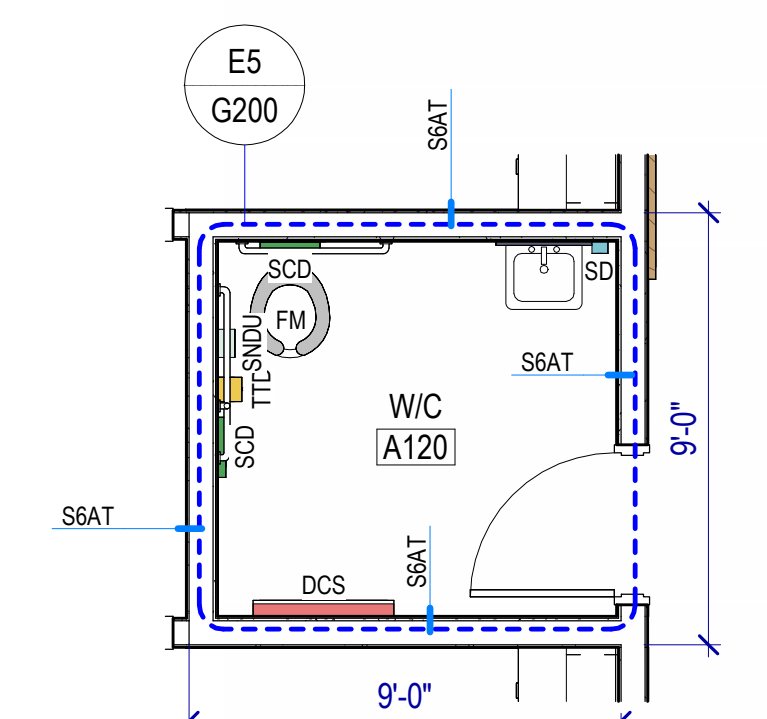
E1 RESTROOMS A149 & A150
SCALE: 1/4" = 1'-0"



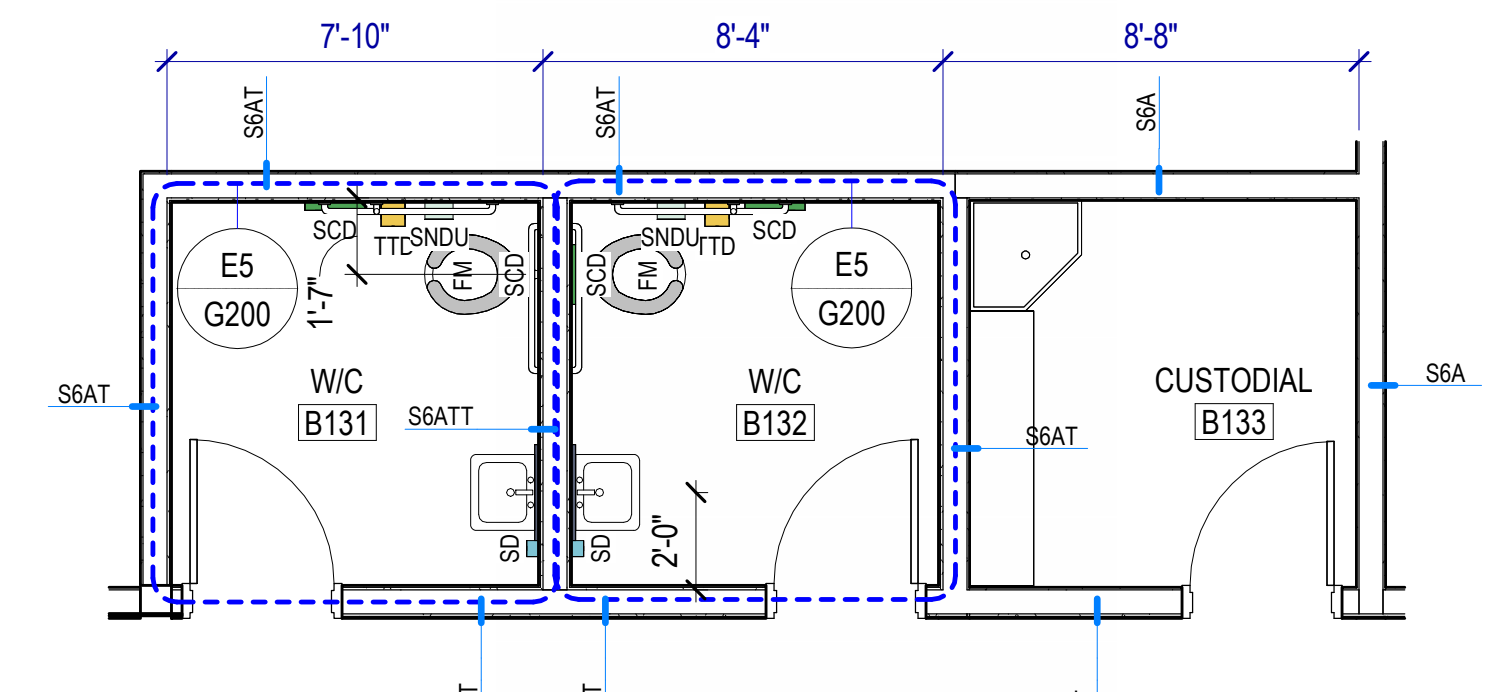
D2 RESTROOM A145
SCALE: 1/4" = 1'-0"



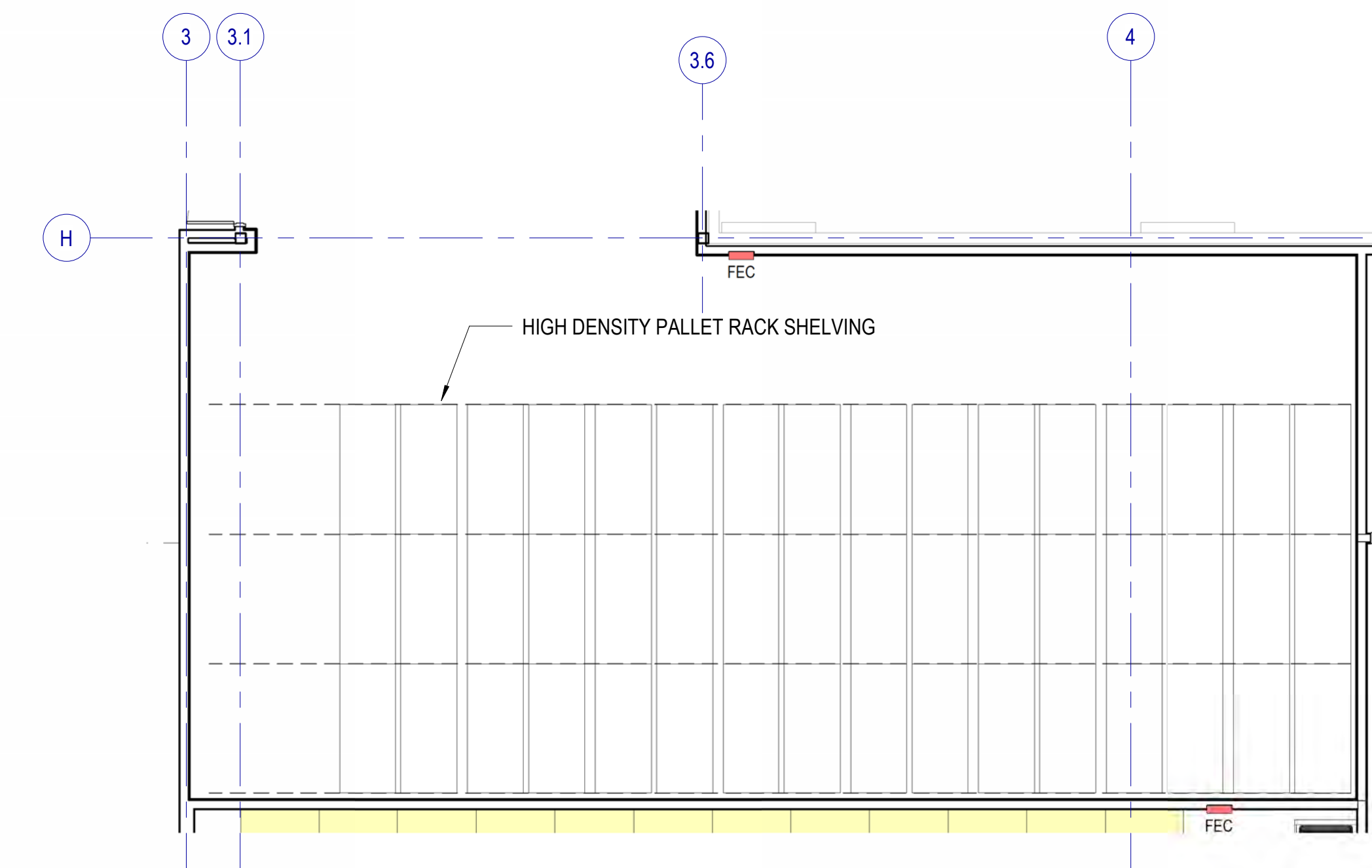
D3 RESTROOM A101
SCALE: 1/4" = 1'-0"



E2 RESTROOM A120
SCALE: 1/4" = 1'-0"

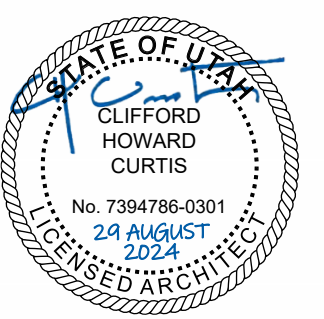


E3 CUSTODIAL B133 AND RESTROOMS B131 & B132
SCALE: 1/4" = 1'-0"



E4 ALTERNATE #1 - HIGH DENSITY SHELVING
SCALE: 1/8" = 1'-0"

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MHTN PROJECT NO. 2024528
Original drawing is 36 x 42. Do not scale contents of this drawing.

REVISIONS:
CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE.

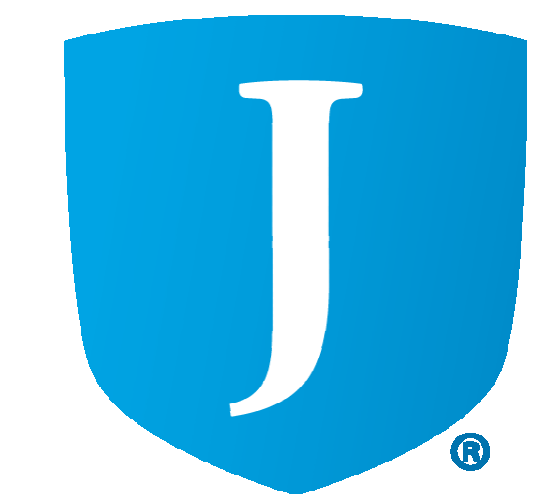
NO.	DATE	DESCRIPTION

ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME
PARTIAL PLANS

SHEET NUMBER
A400

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8/29/2024 7:52:31 AM



INTERIOR ELEVATIONS GENERAL NOTES

RE: North American Architectural Woodwork Standards v3.0 (NAAWS), Cabinet Design Series for cabinet types.

RE: G500 for Interior Wall Types.

RE: A640A & A640B for the Finish Schedule.

Dimensions shown to walls or casework are to finished face of wall or cabinet, UNO.

Equipment indicated by dashed lines is a general representation and shown for coordination purposes only.

Mechanical, electrical, plumbing and telecom rough-in locations are shown for general coordination purposes only. Refer to mechanical, electrical, plumbing and telecom drawings.

Countertops: 25" deep with 4" high backsplash, UNO. Provide sidesplashes at walls, tall cabinets or similar transitions.

Blocking: Provide blocking in walls at cabinets, wall-mounted accessories, equipment, display boards and similar items.

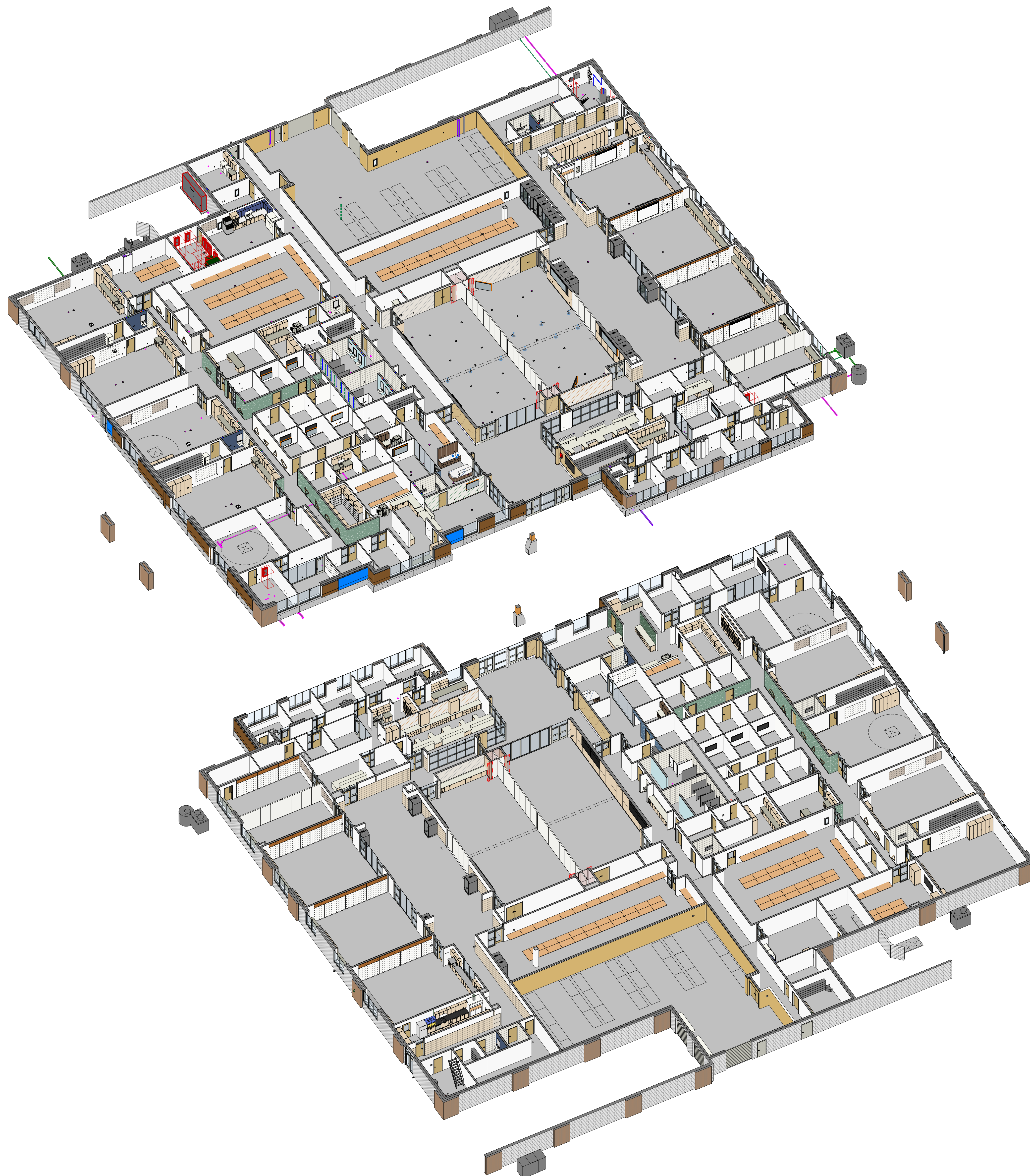
Finishes: Finishes are required on all exposed and semi-exposed surfaces, UNO. Wall elevations are not shown for walls where the Finish Schedule is deemed adequate to convey the intent.

Cabinet Locks: Provide locks on cabinet drawers and doors, keyed alike by room, UNO.

Casework Finishes: Provide laminate finishes on all exposed and semi-exposed surfaces as required by the specifications. Provide laminate finishes on concealed surfaces if required by the specifications. Refer to NAAWS Section 10.4.4 for definitions of exposed, semi-exposed and concealed surfaces.

LEGEND - INTERIOR ELEVATION

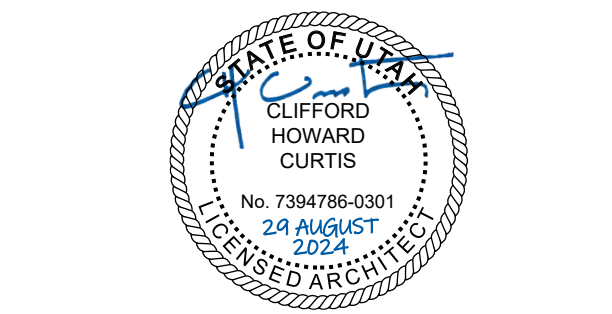
	TACKABLE WALL COVERING, TCK1 SEE DETAIL A3 / A435		DISHWASHER, CFCI
	TACKABLE WALL COVERING, TCK2 SEE DETAIL A3 / A435		MICROWAVE, CFCI
	MARKERBOARD, SEE DETAIL A3 / A435		EYEWASH, RE: PLUMBING
	WALL TILE WT2		REFRIGERATOR, OFOI
	GLAZING		REFRIGERATOR, CFCI
	PLASTIC LAMINATE PL1		CHEMICAL STORAGE CABINETS
	PLASTIC LAMINATE PL2		COPIER, OFOI
	PLASTIC LAMINATE PL3		SINK, RE: PLUMBING
	WALLCOVERING WC2		DRINKING FOUNTAIN, RE: PLUMBING
	RIBBED WALL PANEL WP1		UNDERCOUNTER REFRIGERATOR, CFCI
	WALLCOVERING WC1		TV MONITOR, RE: ELECTRICAL
	WALL TILE WT7		METAL LATERAL FILE STORAGE, OFOI
	TILE BASE TB1		DRYER & WASHER, CFCI



AutoCAD Date: 2/28/2024 8:50:28 AM AutoCAD User: JH [R] D:\Projects\2024\2024-2025\Jordan Learning Center\2024-2025\Interior Axonometric.rvt 8/28/2024 7:52:50 AM

INTERIOR AXONOMETRIC

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MHTN PROJECT NO. 2024528

Original Drawing is 30" x 42". Do not scale contents of this drawing.

REVISIONS:
CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT
LAST REVISION DATE.

NO.	DATE	DESCRIPTION

ISSUE:
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME:
**INTERIOR
AXONOMETRIC**

SHEET NUMBER:
A410

INTERIOR ELEVATIONS GENERAL NOTES

RE: North American Architectural Woodwork Standards v3.0 (NAAWS), Cabinet Design Series for cabinet types.

RE: G500 for Interior Wall Types.

RE: A640A & A640B for the Finish Schedule.

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LEGEND - INTERIOR ELEVATION

Legend table mapping symbols to materials and equipment. Items include: Tackable Wall Covering (TCK1, TCK2), Markerboard, Wall Tile (WT2, WT7), Glazing, Plastic Laminate (PL1, PL2, PL3), Wallcovering (WC1, WC2), Tile Base (TB1), Dishwasher, Microwave, Eyewash, Refrigerator, Copier, Sink, Drinking Fountain, Undercounter Refrigerator, TV Monitor, Metal Lateral File Storage, Dryer & Washer.

KEYNOTES

- 064023.B01 Filler panel
064023.B02 1-1/2" scheduled plastic laminate countertop w/ 4" backsplash
064023.J01 1-1/2" scheduled solid surface countertop w/ 4" backsplash
096513.A01 RESILIENT BASE

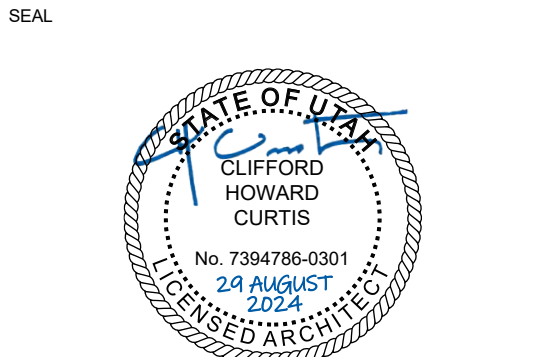


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MHTN PROJECT NO. 2024528

Original drawing is 30 x 42. Do not scale contents of this drawing.

REVISIONS: CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE.

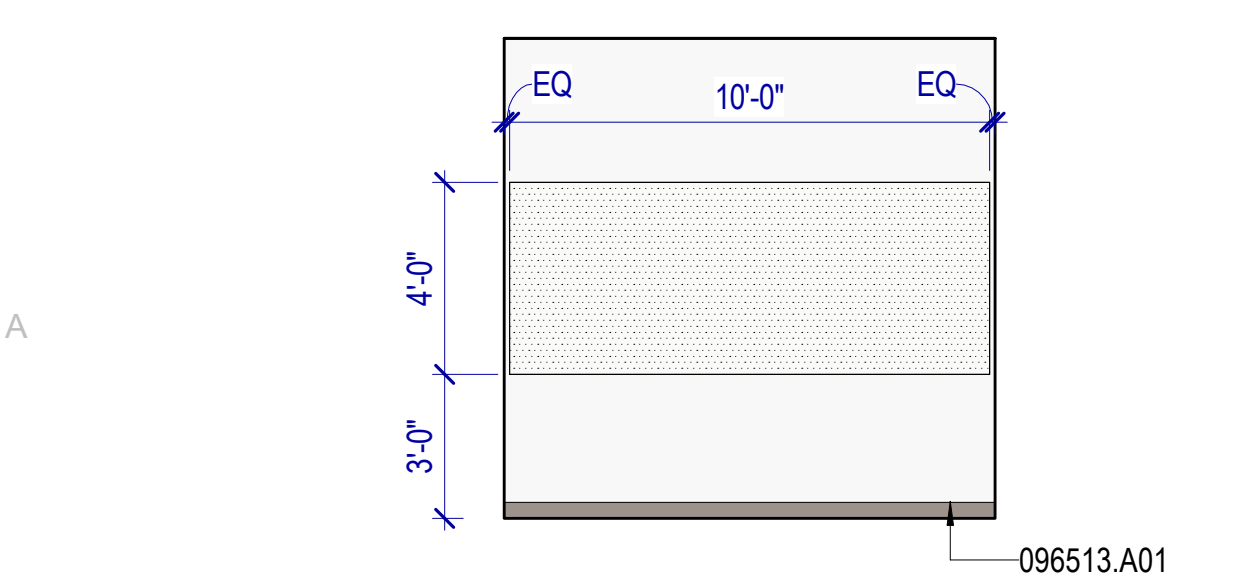
Revisions table with columns for NO., DATE, and DESCRIPTION.

ISSUE: CONSTRUCTION DOCUMENTS
August 29, 2024

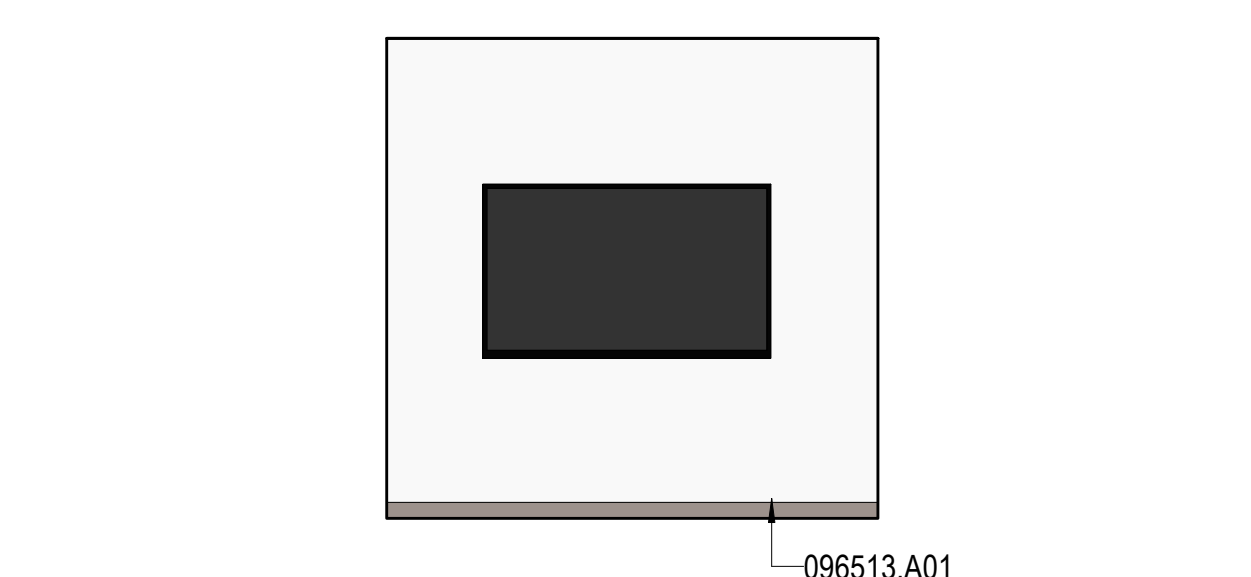
SHEET NAME: INTERIOR ELEVATIONS

SHEET NUMBER

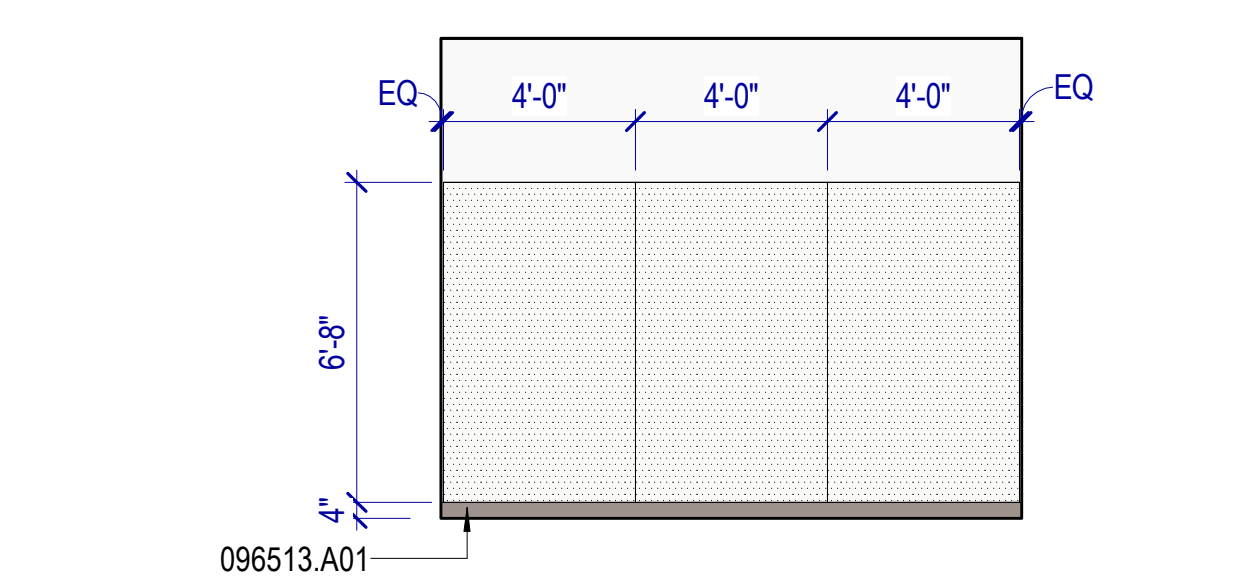
A411



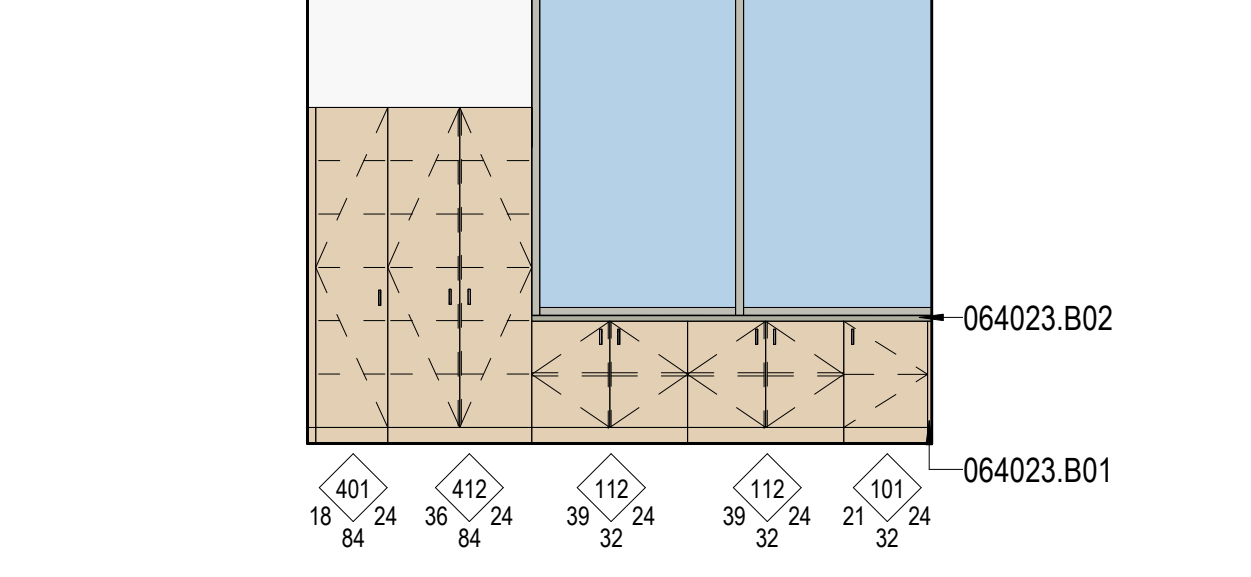
A1 CONFERENCE A108 - E
SCALE: 1/4" = 1'-0"



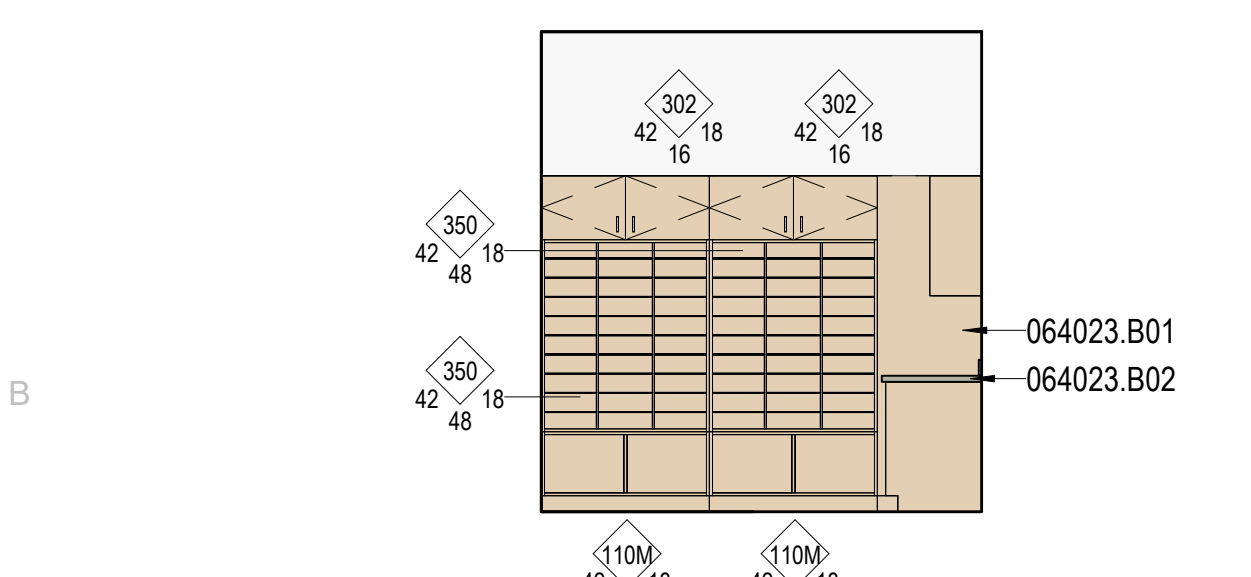
A2 CONFERENCE A108 - W
SCALE: 1/4" = 1'-0"



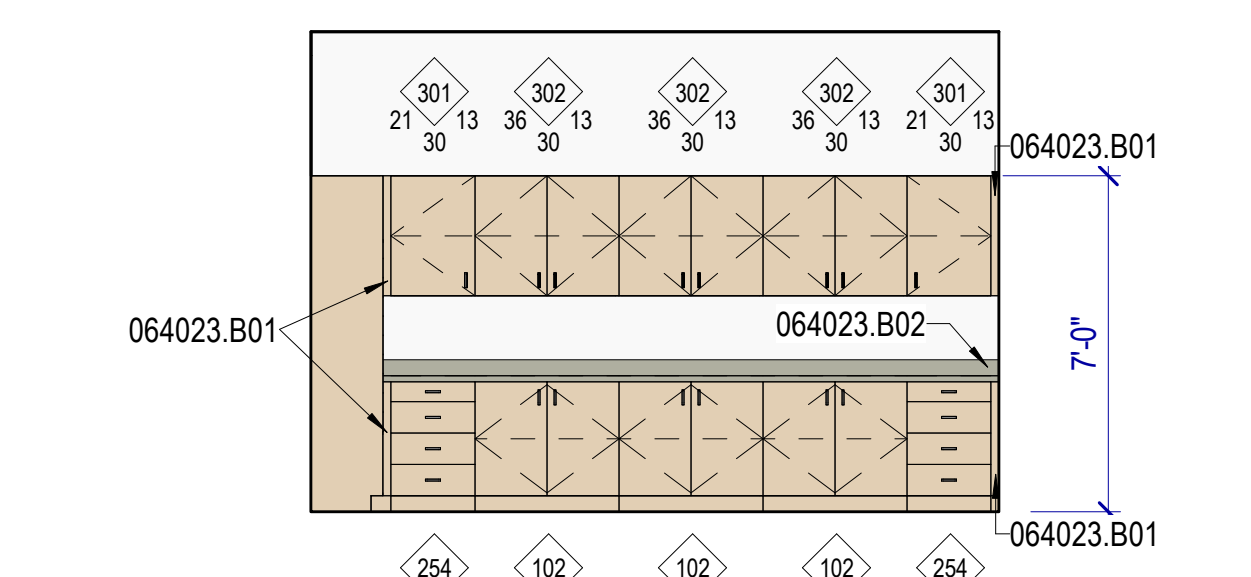
A3 CONFERENCE B118 - N
SCALE: 1/4" = 1'-0"



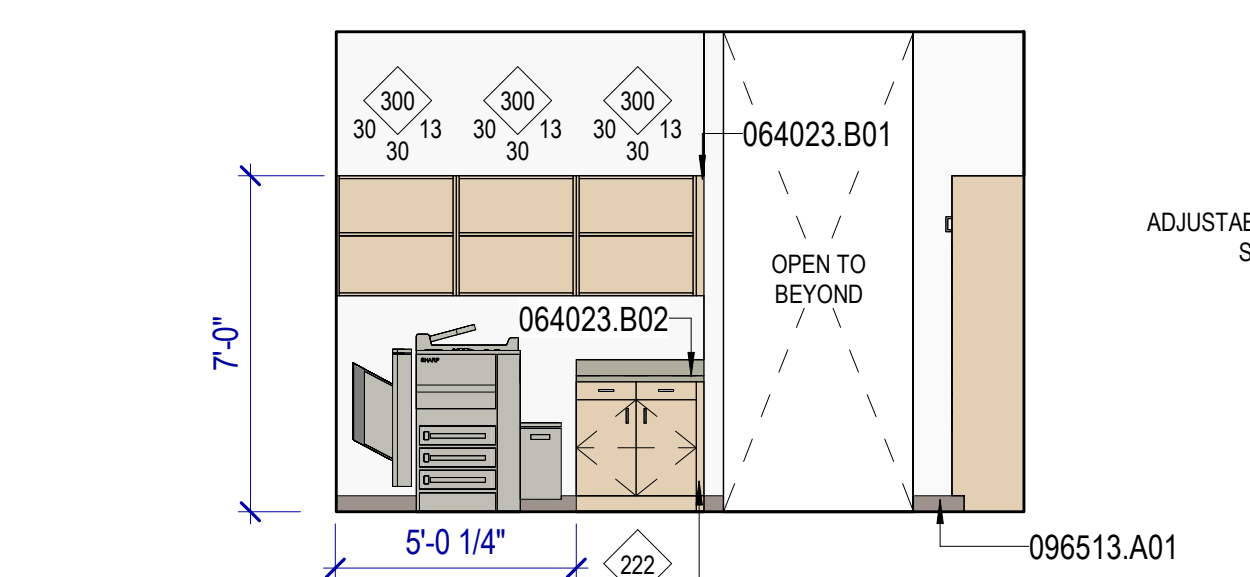
A4 RECEPTION A103 - S
SCALE: 1/4" = 1'-0"



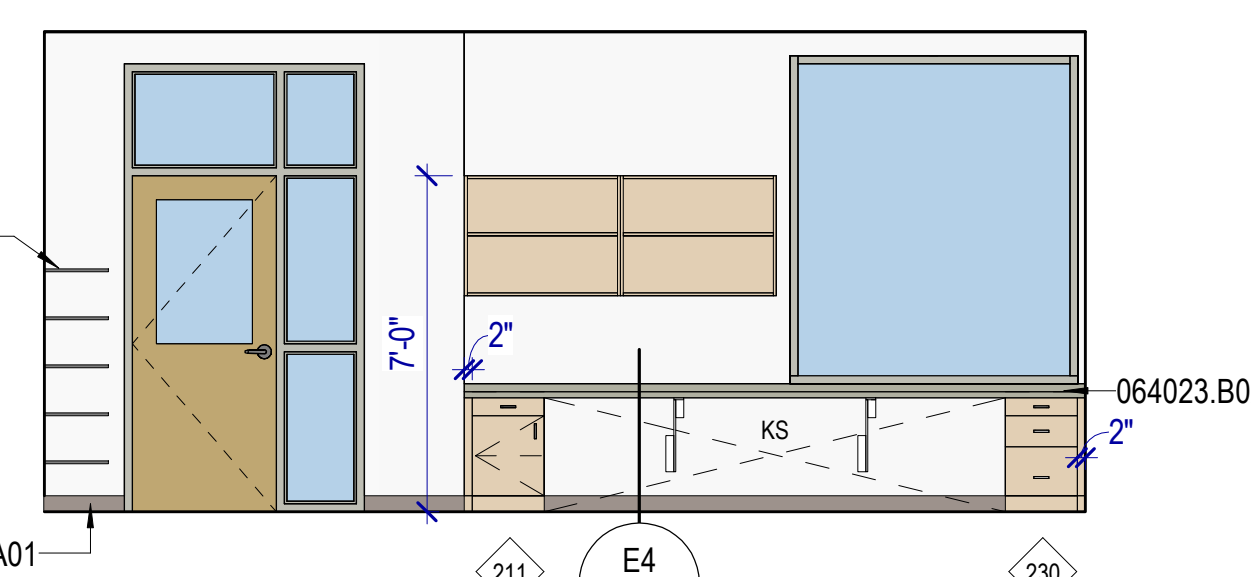
B1 WORKROOM B108 - W
SCALE: 1/4" = 1'-0"



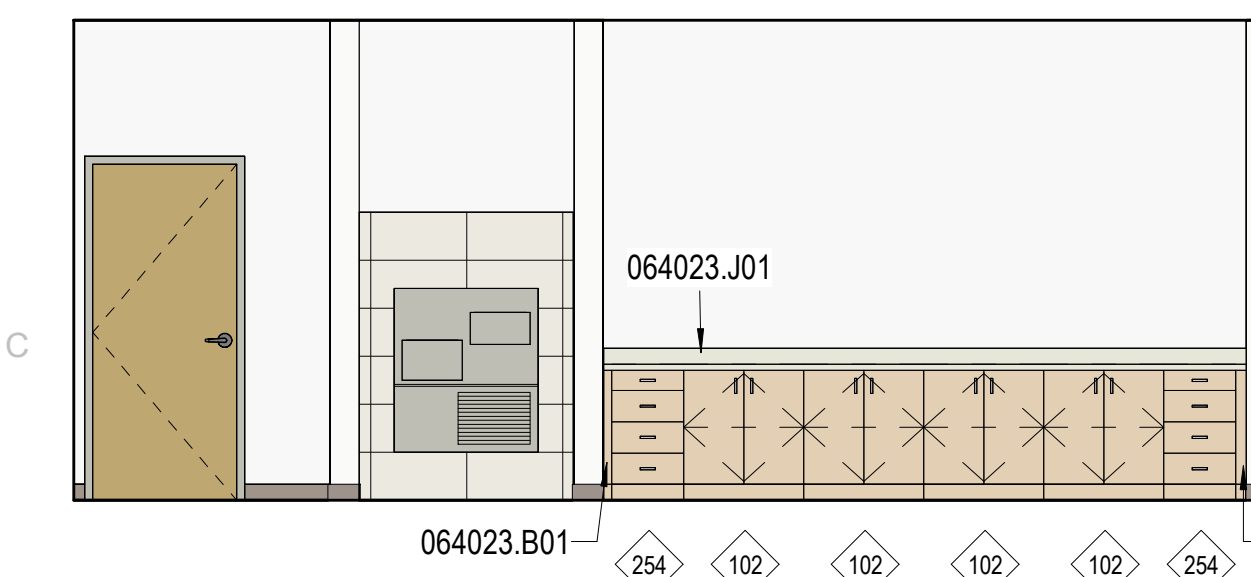
B2 WORKROOM B108 - N
SCALE: 1/4" = 1'-0"



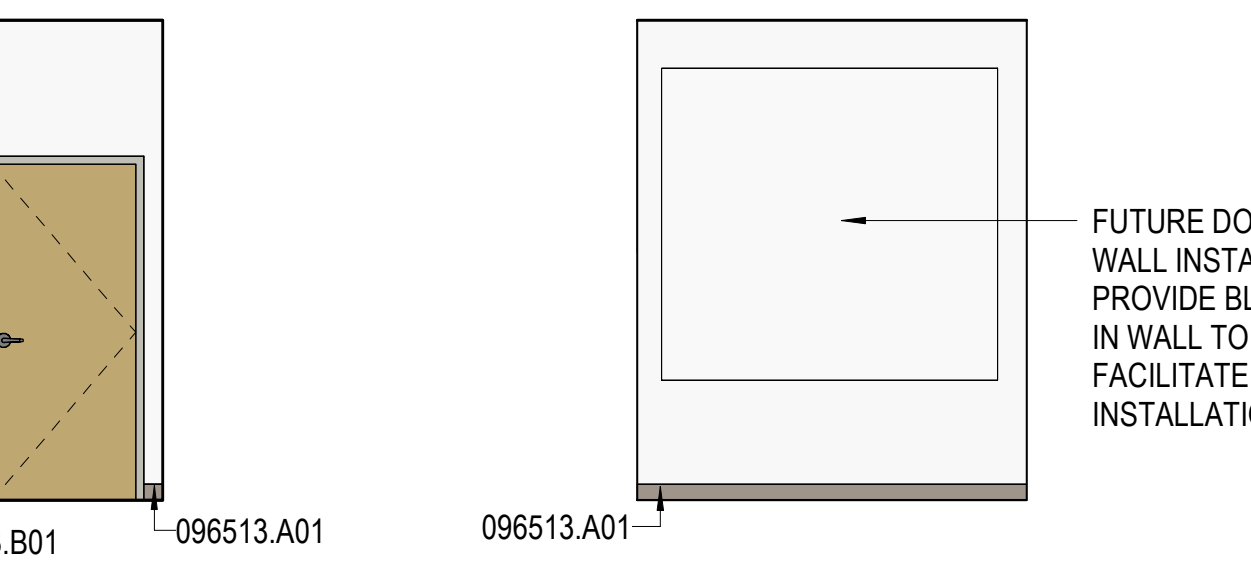
B3 WORKROOM B108 - S
SCALE: 1/4" = 1'-0"



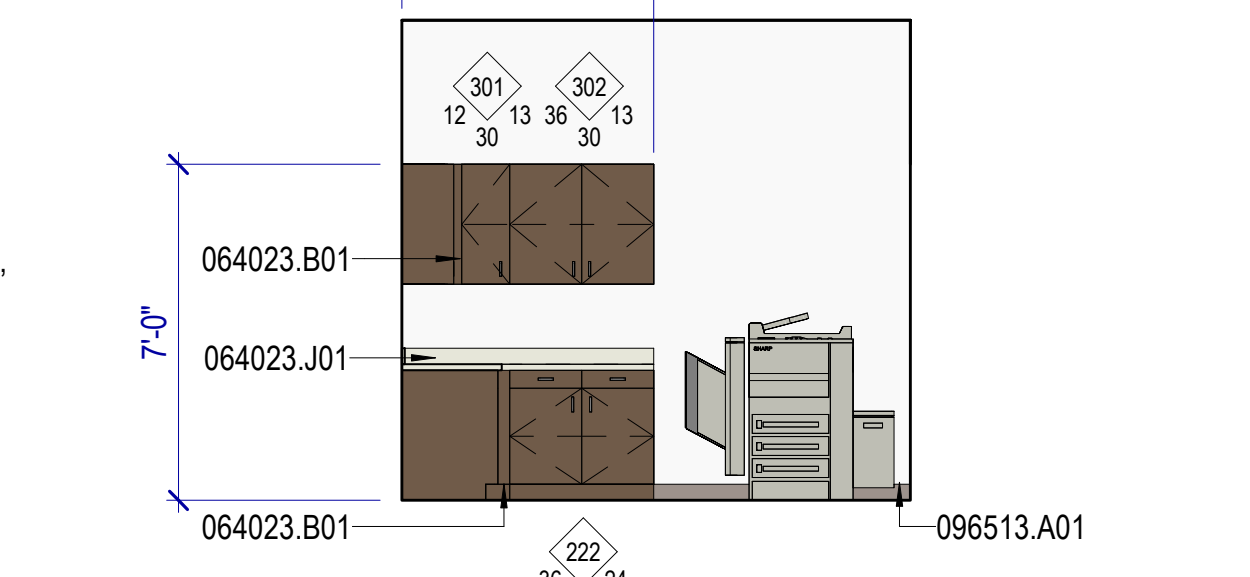
B4 TECH SPECIALIST - S
SCALE: 1/4" = 1'-0"



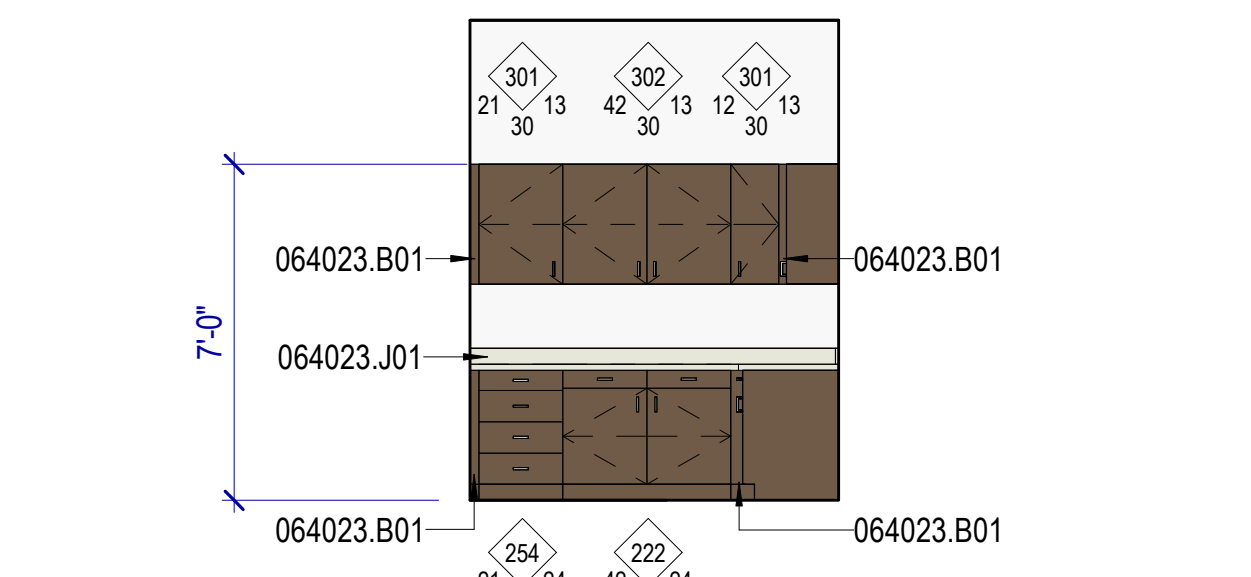
C1 CORRIDOR A140
SCALE: 1/4" = 1'-0"



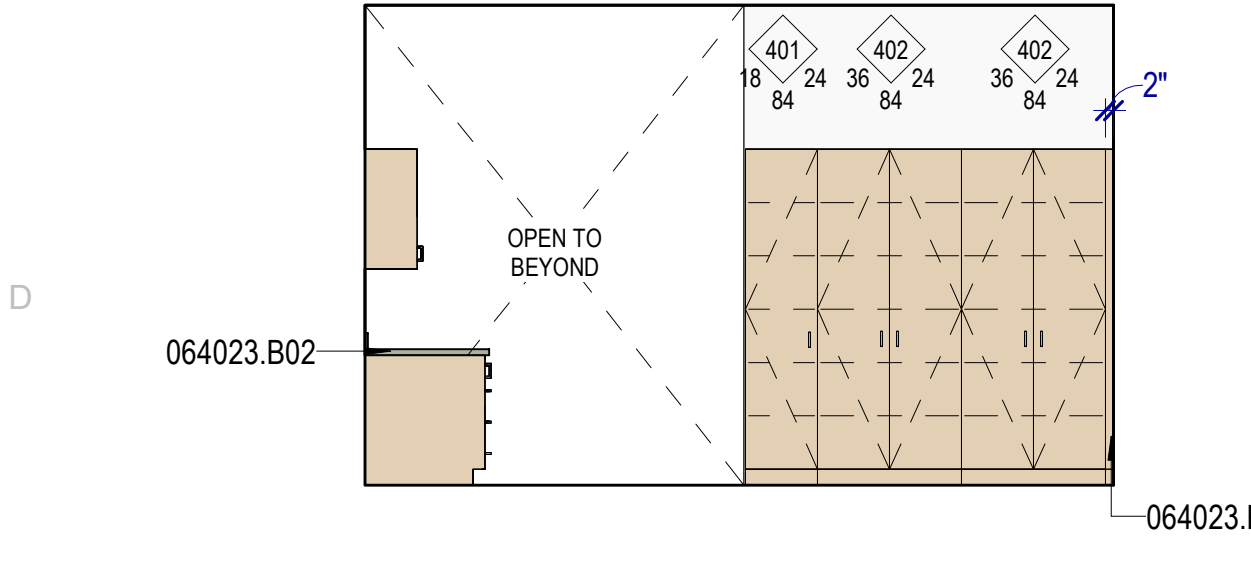
C2 DONOR WALL
SCALE: 1/4" = 1'-0"



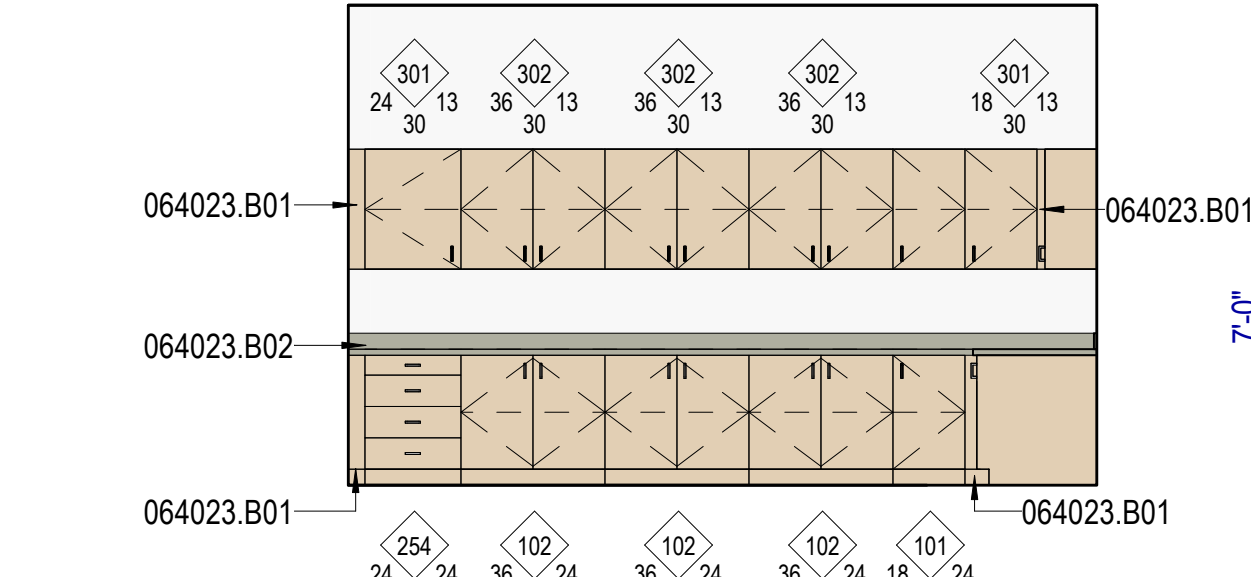
C3 PRINT A153 - N
SCALE: 1/4" = 1'-0"



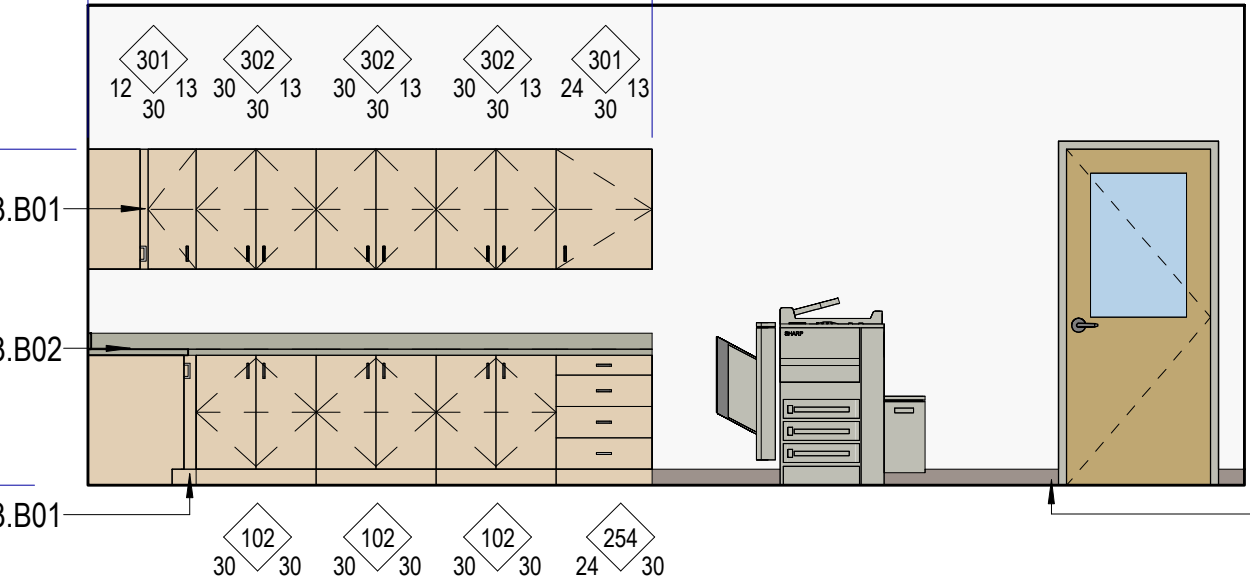
C4 PRINT A153 - W
SCALE: 1/4" = 1'-0"



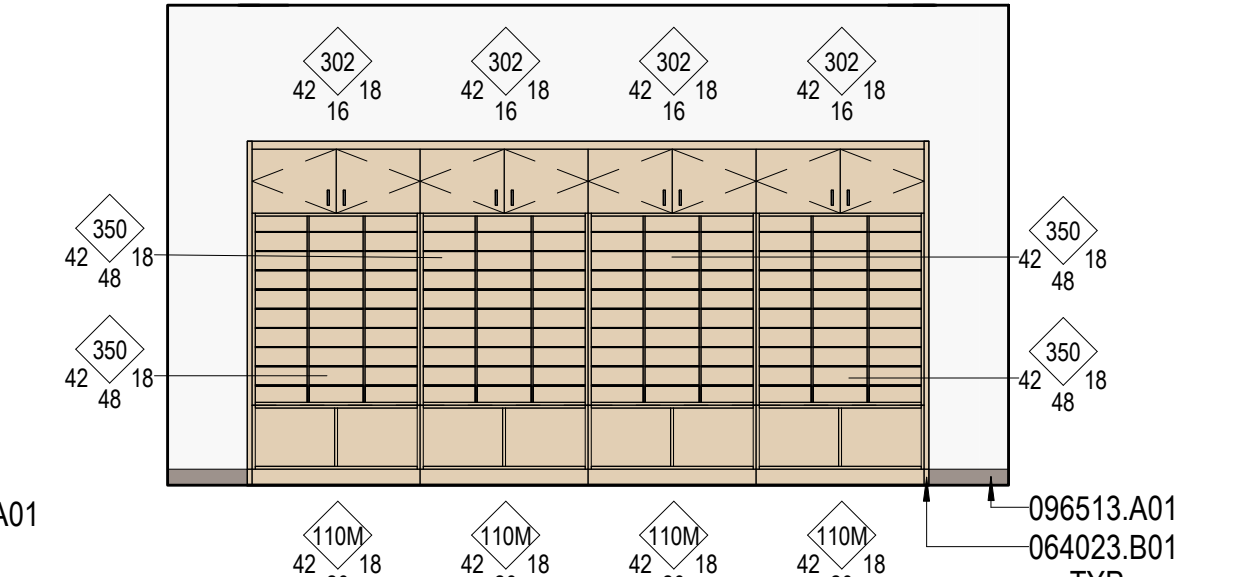
D1 WORK ROOM A133 - E
SCALE: 1/4" = 1'-0"



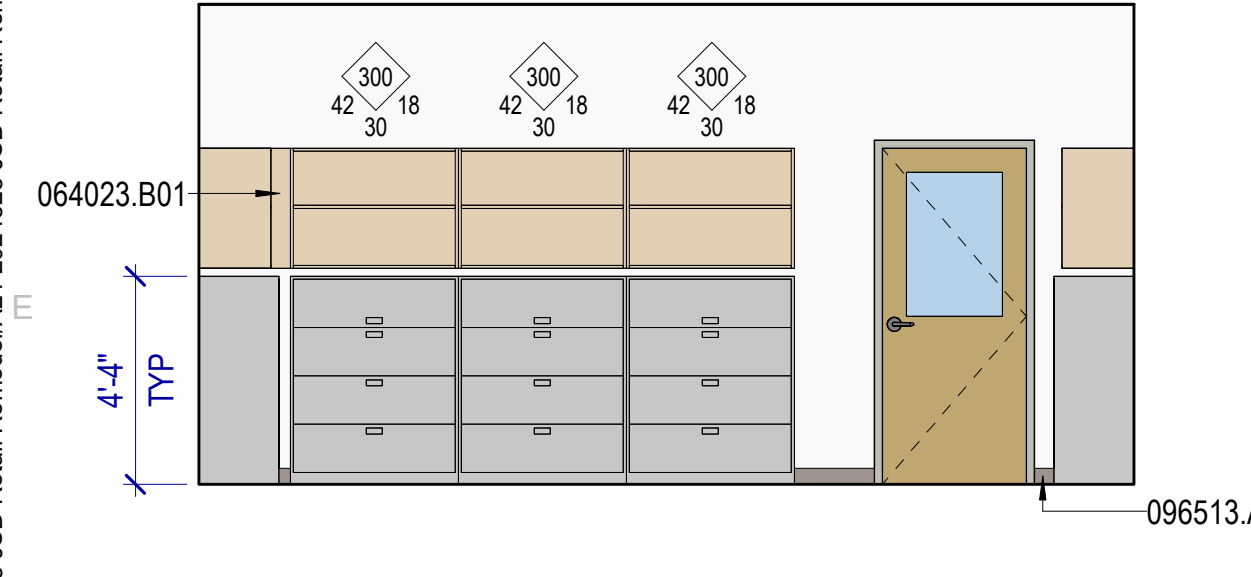
D2 WORK ROOM A133 - WEST
SCALE: 1/4" = 1'-0"



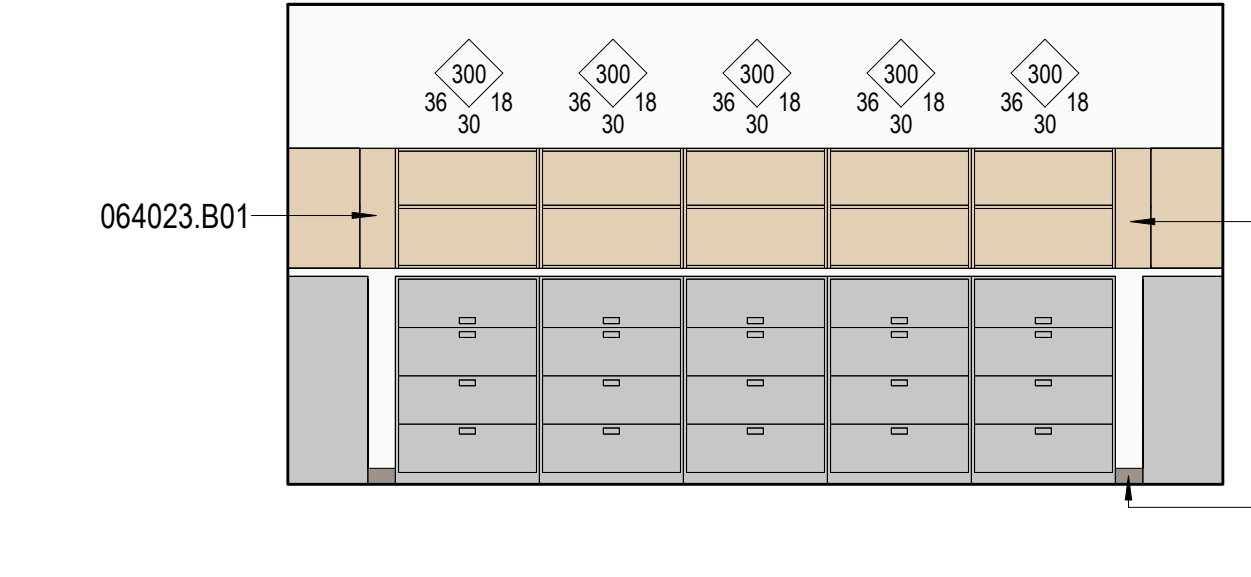
D3 WORK ROOM A133 - NORTH
SCALE: 1/4" = 1'-0"



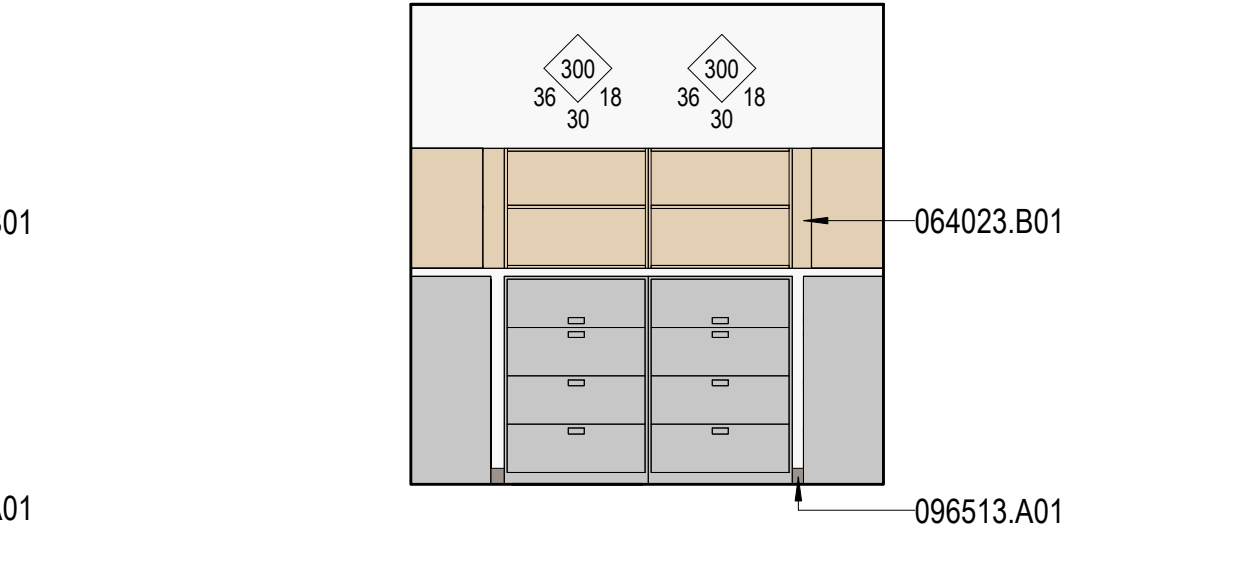
D4 CDC MAILBOX
SCALE: 1/4" = 1'-0"



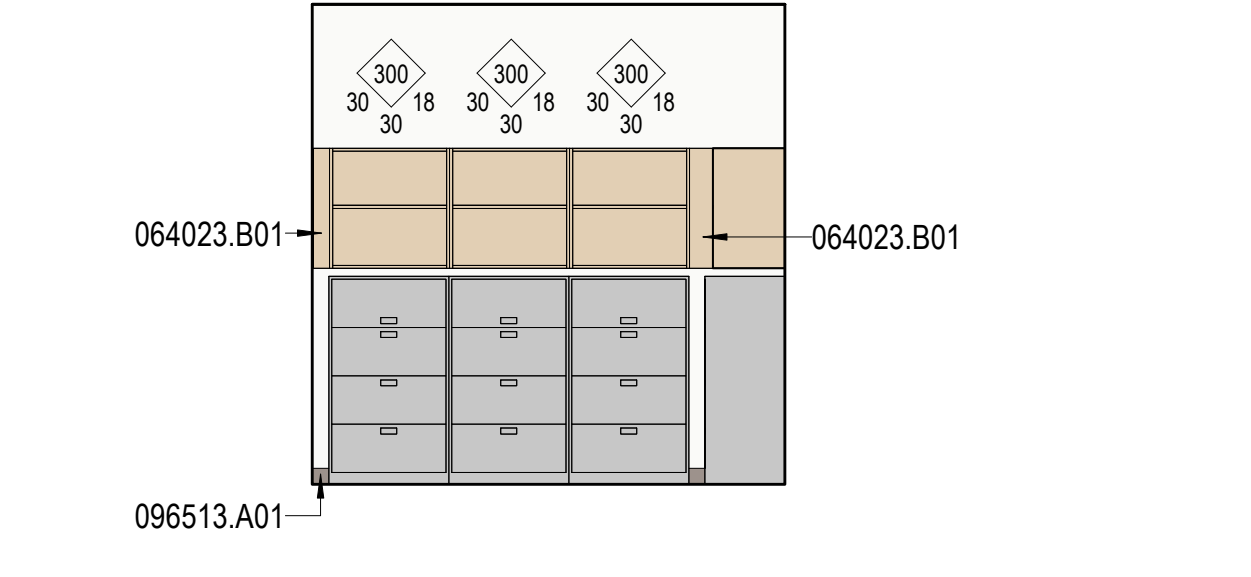
E1 RECORDS A104 - EAST
SCALE: 1/4" = 1'-0"



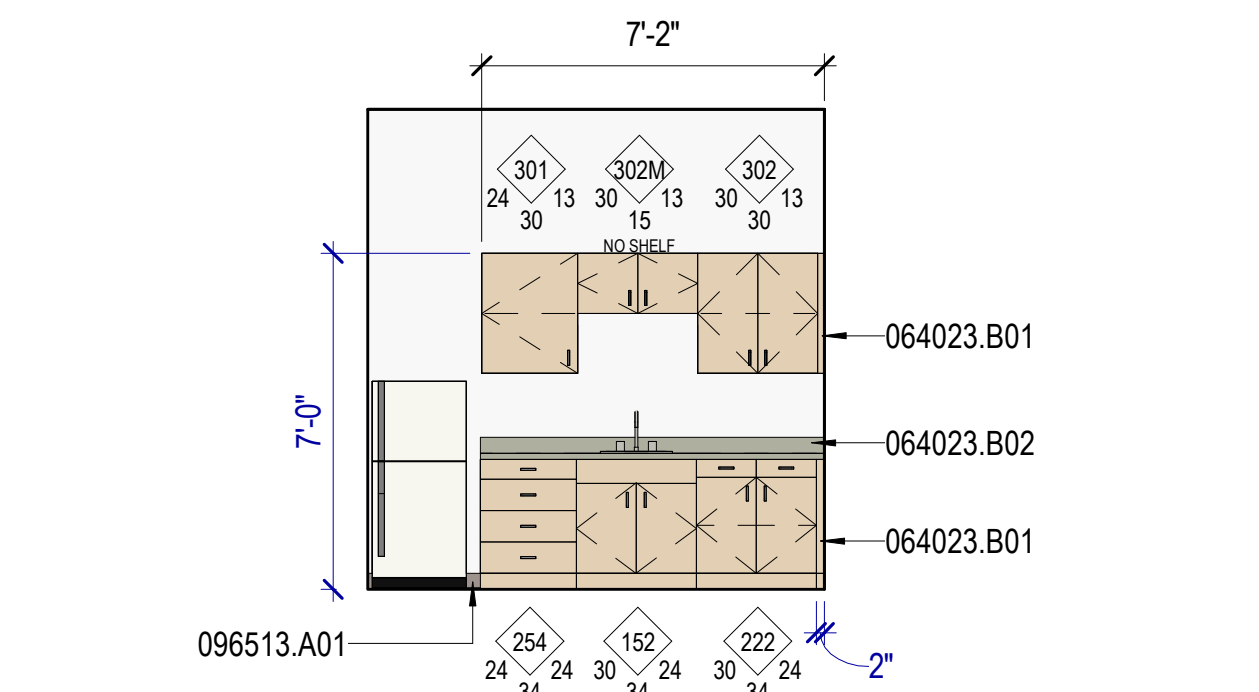
E2 RECORDS A104 - WEST
SCALE: 1/4" = 1'-0"



E3 RECORDS A104 - NORTH
SCALE: 1/4" = 1'-0"

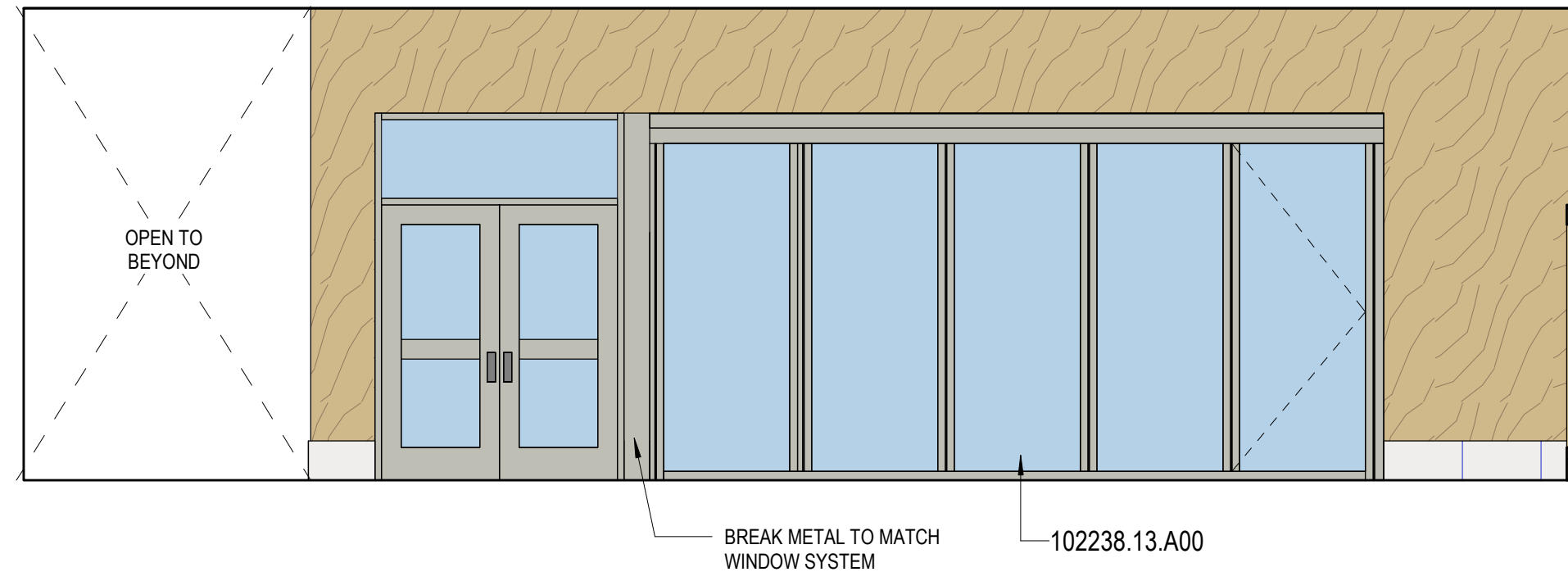


E4 RECORDS A104 - SOUTH
SCALE: 1/4" = 1'-0"

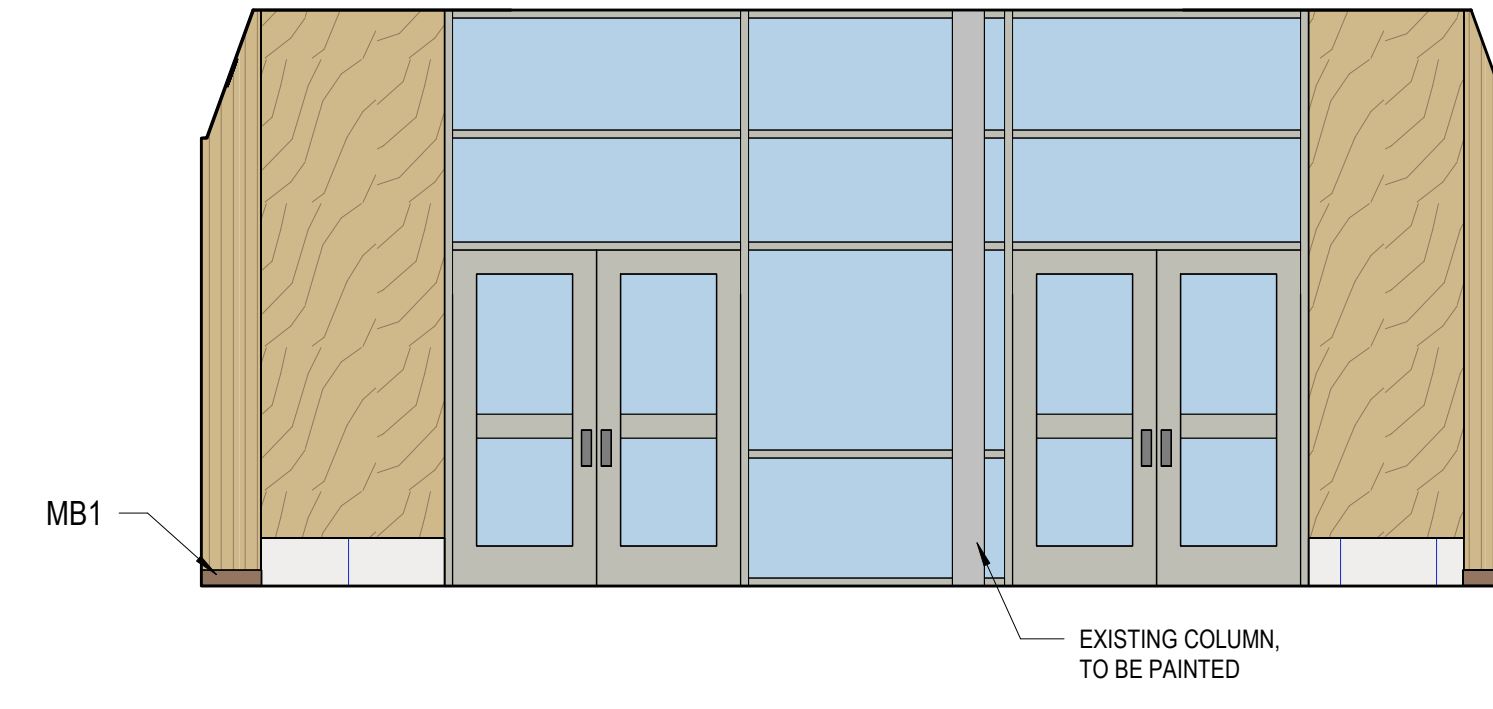


E5 SANITARY
SCALE: 1/4" = 1'-0"

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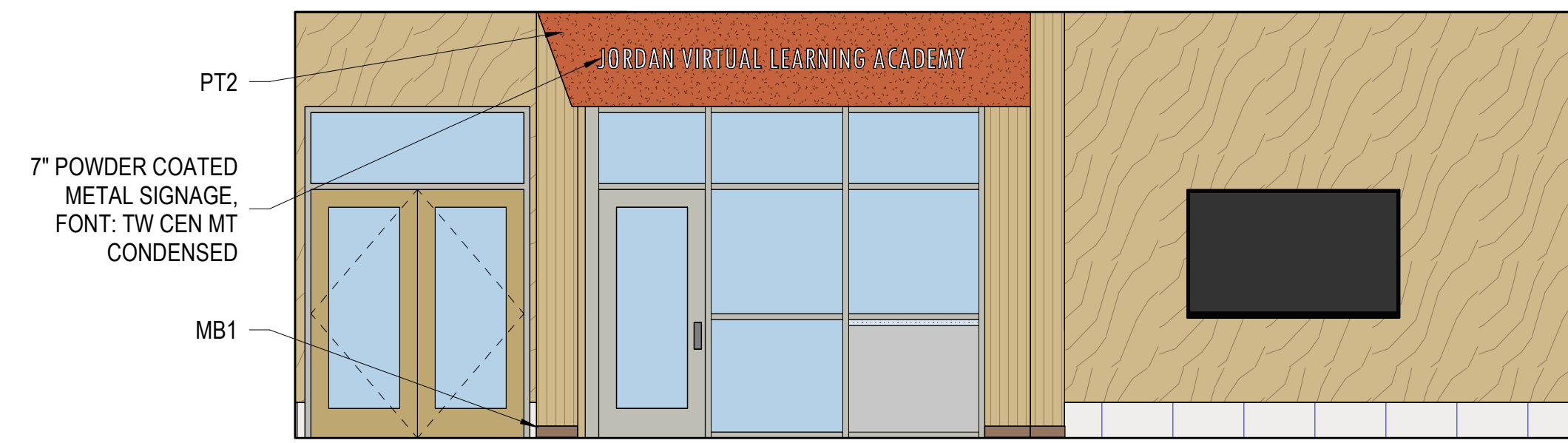
A1 LOBBY B100 - NORTH
SCALE: 1/4" = 1'-0"



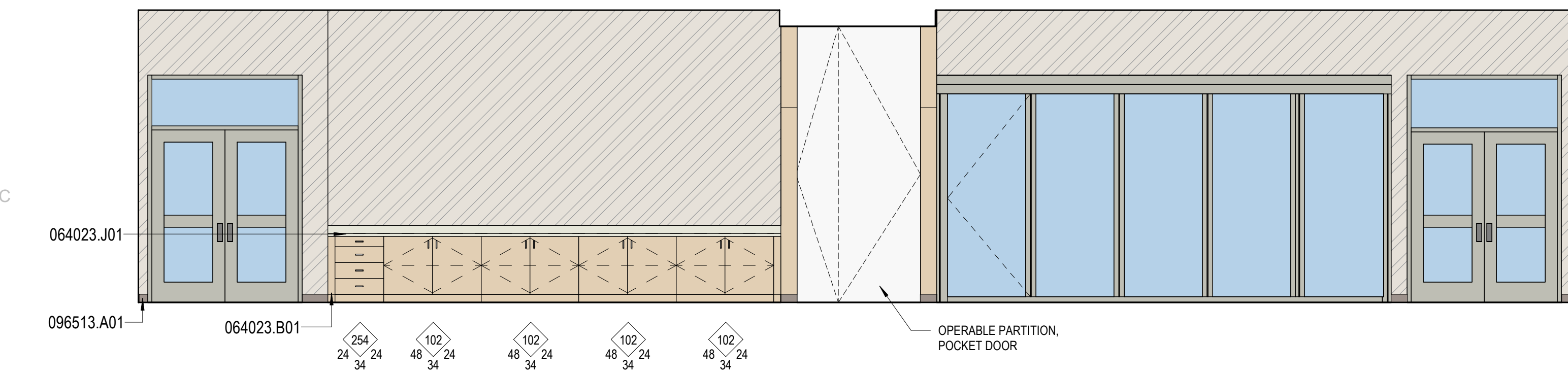
A3 LOBBY B100 - SOUTH
SCALE: 1/4" = 1'-0"



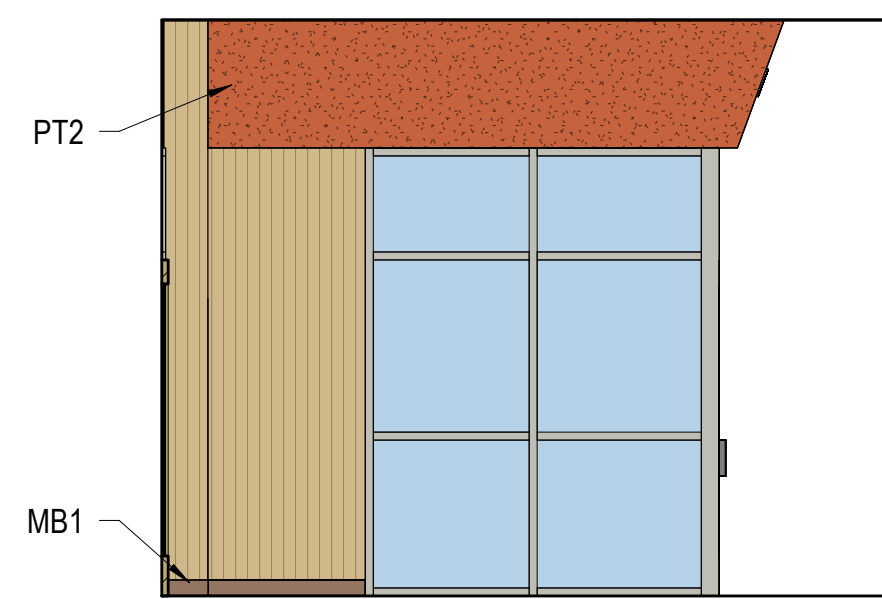
B1 LOBBY B100 - WEST
SCALE: 1/4" = 1'-0"



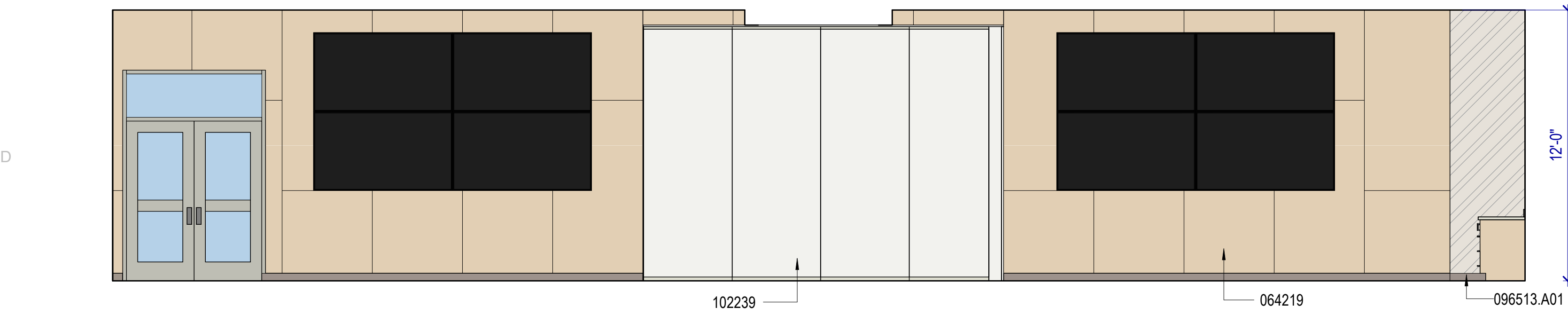
B3 LOBBY B100 - EAST
SCALE: 1/4" = 1'-0"



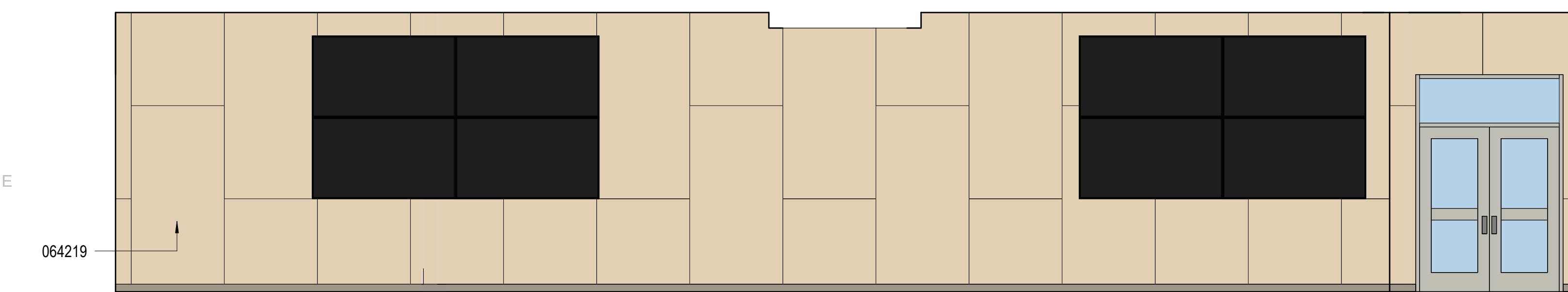
C1 MULTIPURPOSE B119 - SOUTH
SCALE: 1/4" = 1'-0"



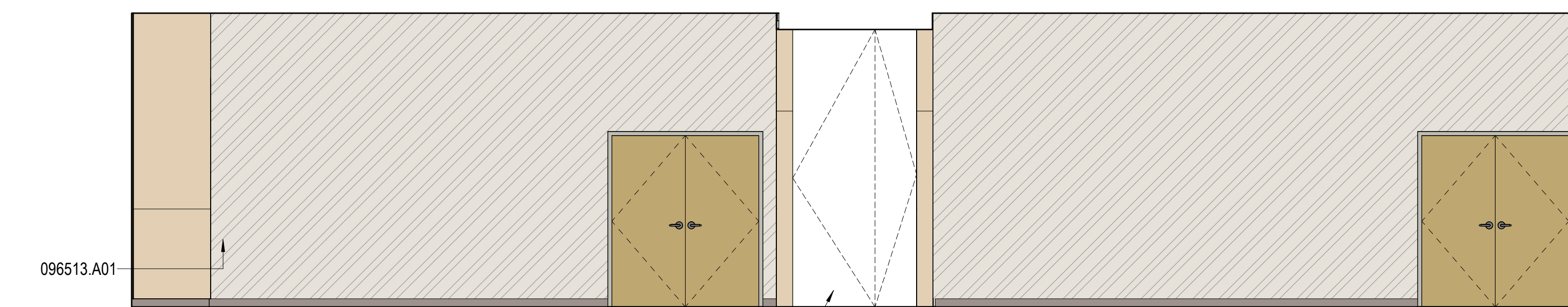
C3 LOBBY B100 - EAST
SCALE: 1/4" = 1'-0"



D1 MULTIPURPOSE B119 - EAST
SCALE: 1/4" = 1'-0"



E1 MULTIPURPOSE B119 - WEST
SCALE: 1/4" = 1'-0"



E3 MULTIPURPOSE B119 - NORTH
SCALE: 1/4" = 1'-0"

INTERIOR ELEVATIONS GENERAL NOTES

RE: North American Architectural Woodwork Standards v3.0 (NAAWS), Cabinet Design Series for cabinet types.

RE: G500 for Interior Wall Types.

RE: A640A & A640B for the Finish Schedule.

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LEGEND - INTERIOR ELEVATION

	TACKABLE WALL COVERING, TCK1 SEE DETAIL A3 / A435		DISHWASHER, CFCI
	TACKABLE WALL COVERING, TCK2 SEE DETAIL A3 / A435		MICROWAVE, CFCI
	MARKERBOARD, SEE DETAIL A3 / A435		EYEWASH, RE: PLUMBING
	WALL TILE WT2		REFRIGERATOR, CFOI
	GLAZING		REFRIGERATOR, CFOI
	PLASTIC LAMINATE PL1		CHEMICAL STORAGE CABINETS
	PLASTIC LAMINATE PL2		COPIER, OFOI
	PLASTIC LAMINATE PL3		SINK, RE: PLUMBING
	WALLCOVERING WC2		DRINKING FOUNTAIN, RE: PLUMBING
	RIBBED WALL PANEL WP1		UNDERCOUNTER REFRIDGERATOR, CFOI
	WALLCOVERING WC1		TV MONITOR, RE: ELECTRICAL
	WALL TILE WT7		METAL LATERAL FILE STORAGE, OFOI
	TILE BASE TB1		DRYER & WASHER, CFCI

KEYNOTES

- 064023.B01 Filler panel
- 064023.J01 1-1/2" scheduled solid surface countertop w/ 4" backsplash
- 064219 SECTION 064219 - PLASTIC-LAMINATE-FACED WOOD PANELING
- 096513.A01 RESILIENT BASE
- 102238.13.A00 OPERABLE GLASS-PANEL PARTITIONS
- 102239 SECTION 102239 - FOLDING PANEL PARTITIONS

Autodesk Civil3D 2024.5.28.001 (1/3/2024) 7:53:01 AM
Autodesk AutoCAD 2024.5.28.001 (1/3/2024) 7:53:01 AM

INTERIOR ELEVATIONS GENERAL NOTES

RE: North American Architectural Woodwork Standards v3.0 (NAAWS), Cabinet Design Series for cabinet types.

RE: G500 for Interior Wall Types.

RE: A640A & A640B for the Finish Schedule.

Dimensions shown to walls or casework are to finished face of wall or cabinet, UNO.

Equipment indicated by dashed lines is a general representation and shown for coordination purposes only.

Mechanical, electrical, plumbing and telecom rough-in locations are shown for general coordination purposes only. Refer to mechanical, electrical, plumbing and telecom drawings.

Countertops: 25" deep with 4" high backsplash, UNO. Provide sidesplashes at walls, tall cabinets or similar transitions.

Blocking: Provide blocking in walls at cabinets, wall-mounted accessories, equipment, display boards and similar items.

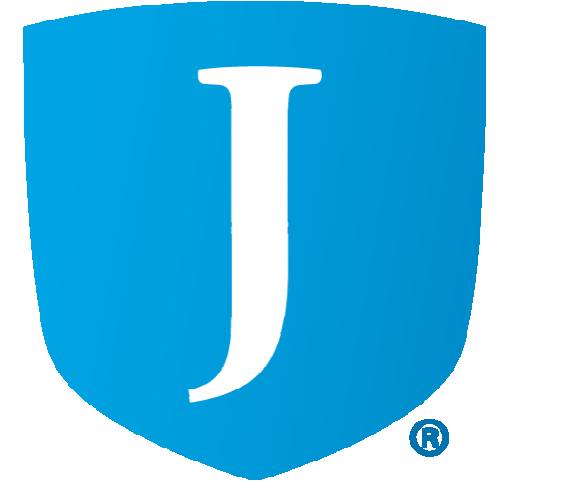
Finishes: Finishes are required on all exposed and semi-exposed surfaces, UNO. Wall elevations are not shown for walls where the Finish Schedule is deemed adequate to convey the intent.

Cabinet Locks: Provide locks on cabinet drawers and doors, keyed alike by room, UNO.

Casework Finishes: Provide laminate finishes on all exposed and semi-exposed surfaces as required by the specifications. Provide laminate finishes on concealed surfaces if required by the specifications. Refer to NAAWS Section 10.4.4 for definitions of exposed, semi-exposed and concealed surfaces.

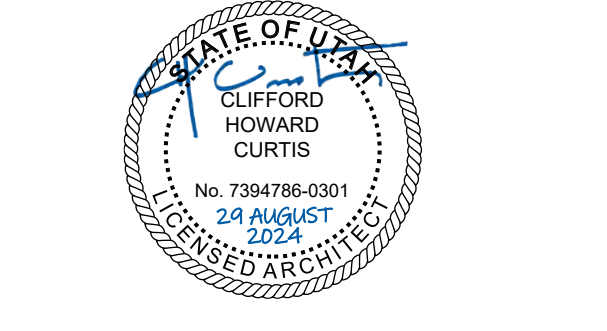
LEGEND - INTERIOR ELEVATION

TACKABLE WALL COVERING, TCK1 SEE DETAIL A3 / A435	DISHWASHER, CFCI
TACKABLE WALL COVERING, TCK2 SEE DETAIL A3 / A435	MICROWAVE, CFCI
MARKERBOARD, SEE DETAIL A3 / A435	EYEWASH, RE: PLUMBING
WALL TILE WT2	REFRIGERATOR, OFOI
GLAZING	REFRIGERATOR, CFCI
PLASTIC LAMINATE PL1	CHEMICAL STORAGE CABINETS
PLASTIC LAMINATE PL2	COPIER, OFOI
PLASTIC LAMINATE PL3	SINK, RE: PLUMBING
WALLCOVERING WC2	DRINKING FOUNTAIN, RE: PLUMBING
RIBBED WALL PANEL WP1	UNDERCOUNTER REFRIGERATOR, CFCI
WALLCOVERING WC1	TV MONITOR, RE: ELECTRICAL
WALL TILE WT7	METAL LATERAL FILE STORAGE, OFOI
TILE BASE TB1	DRYER & WASHER, CFCI



JORDAN SCHOOL DISTRICT
JORDAN LEARNING CENTER
3706 WEST 9800 SOUTH
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MHTN PROJECT NO: 2024528

Original drawing is 36" x 42". Do not scale contents of this drawing.

REVISIONS:
CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE.

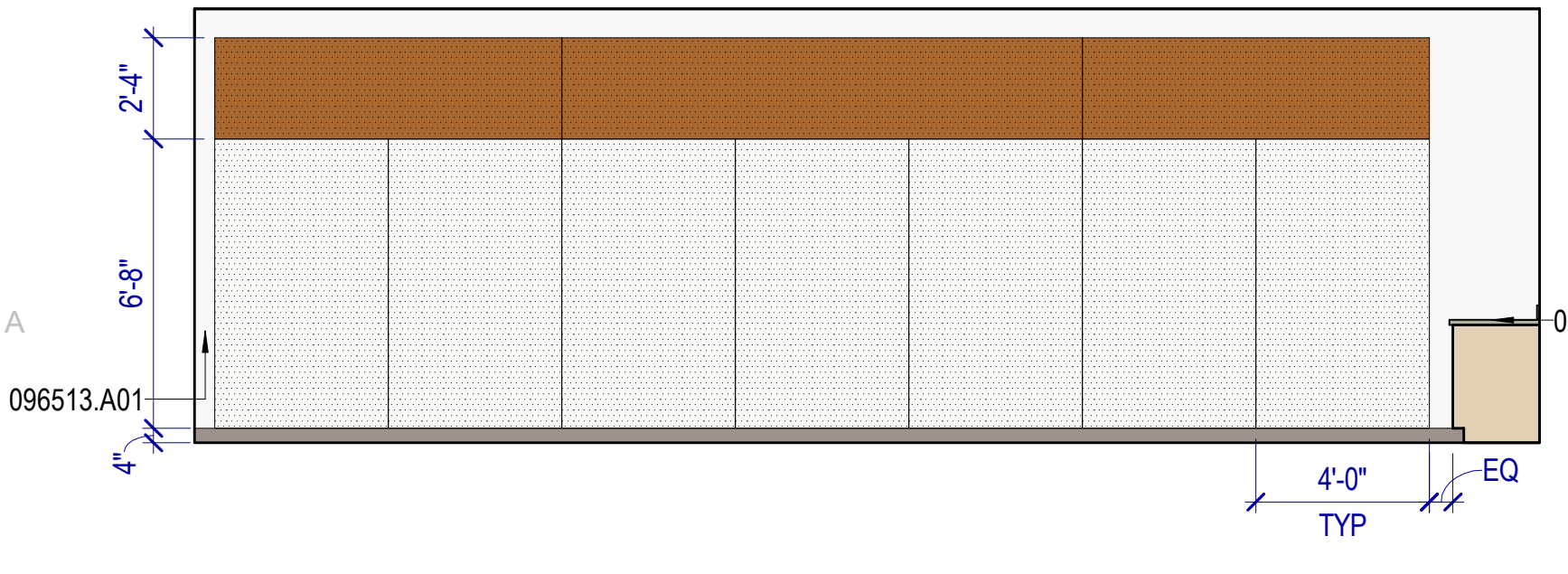
NO.	DATE	DESCRIPTION

ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

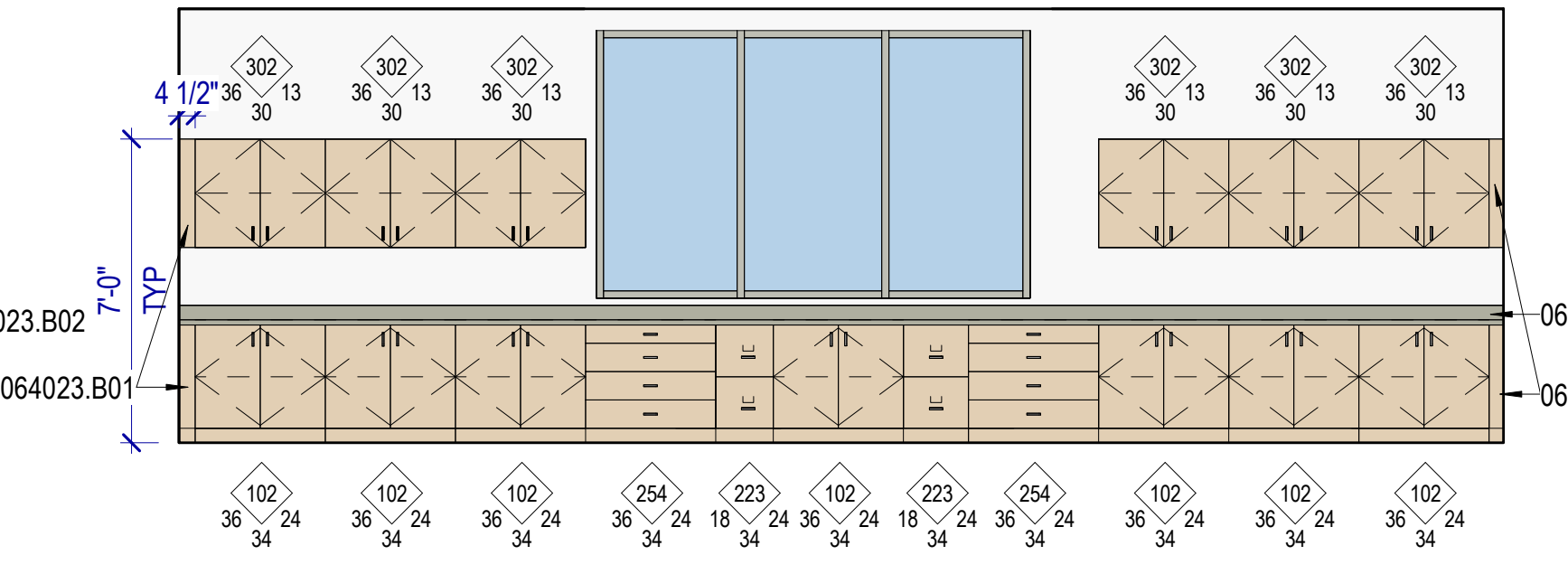
INTERIOR ELEVATIONS

SHEET NUMBER

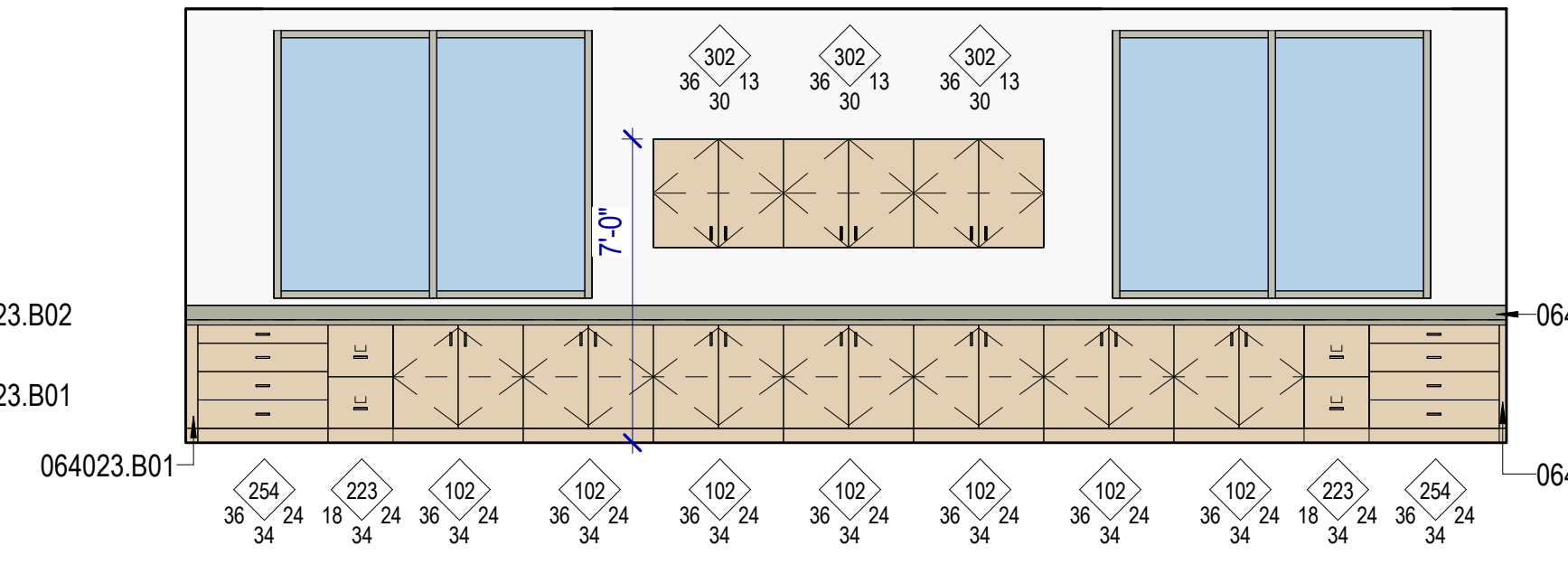
A413



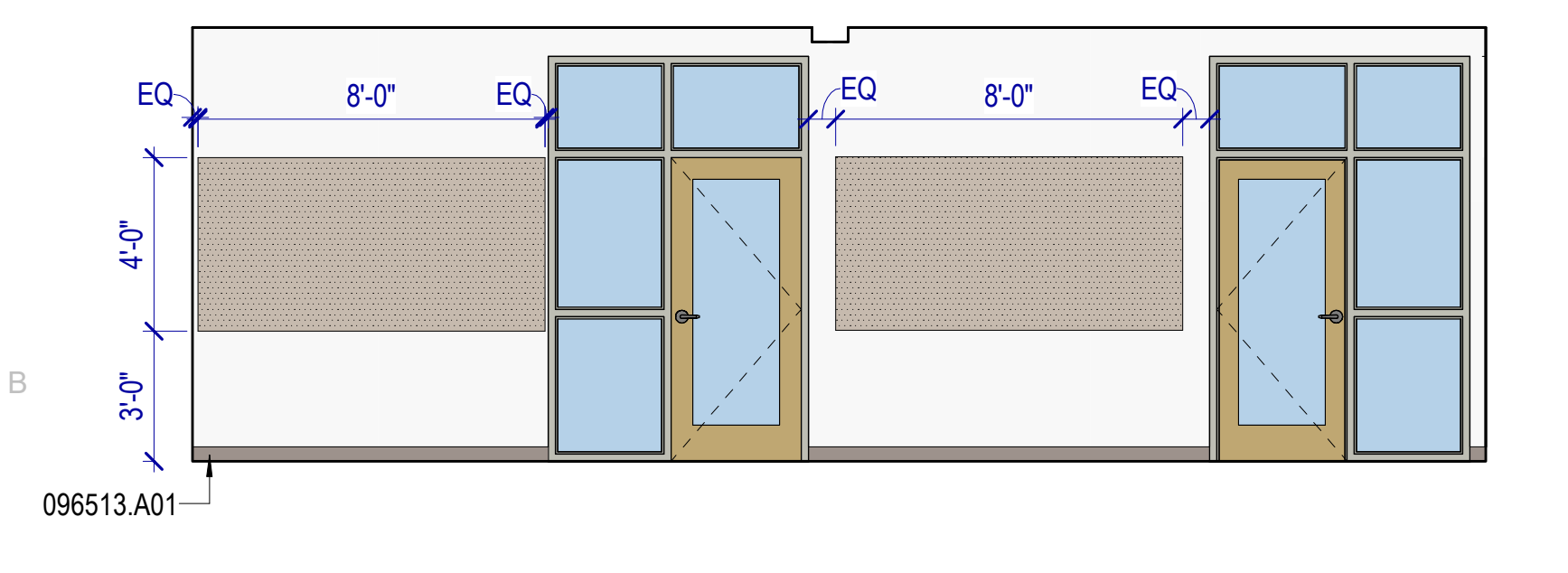
A1 TEACHING WALL - TYPICAL
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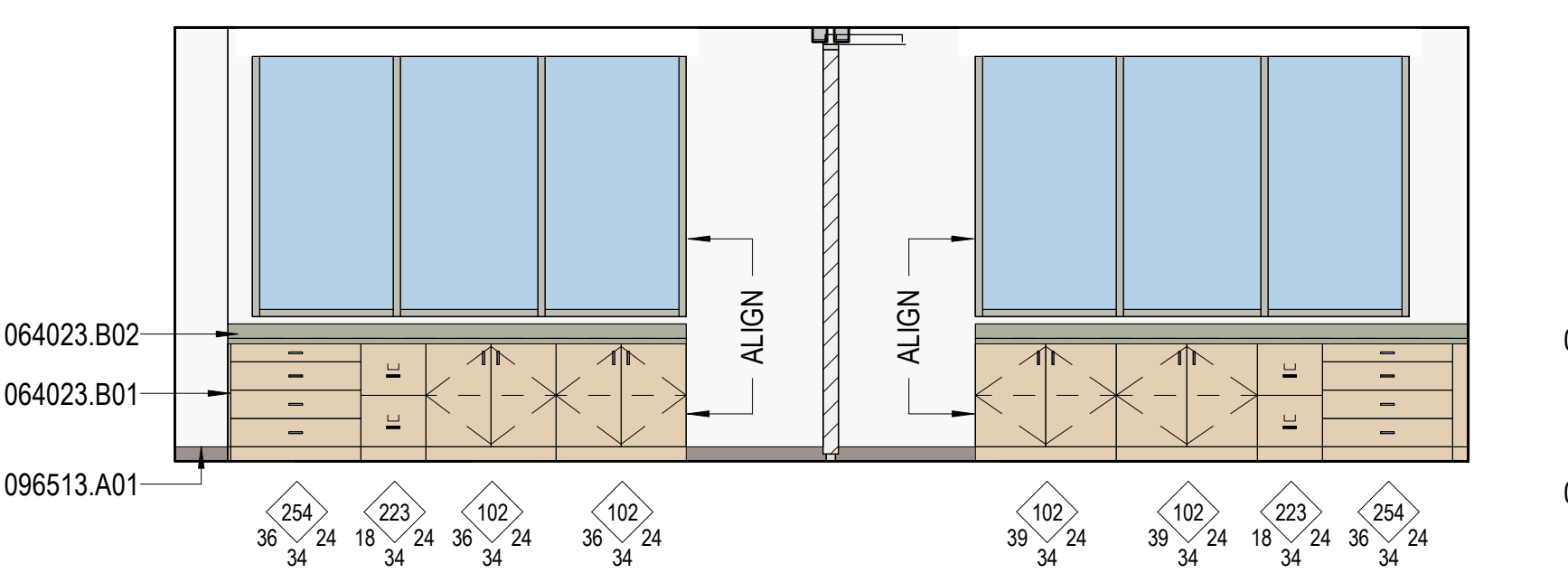
A2 LEARNING STUDIO B125 - EAST
SCALE: 1/4" = 1'-0"



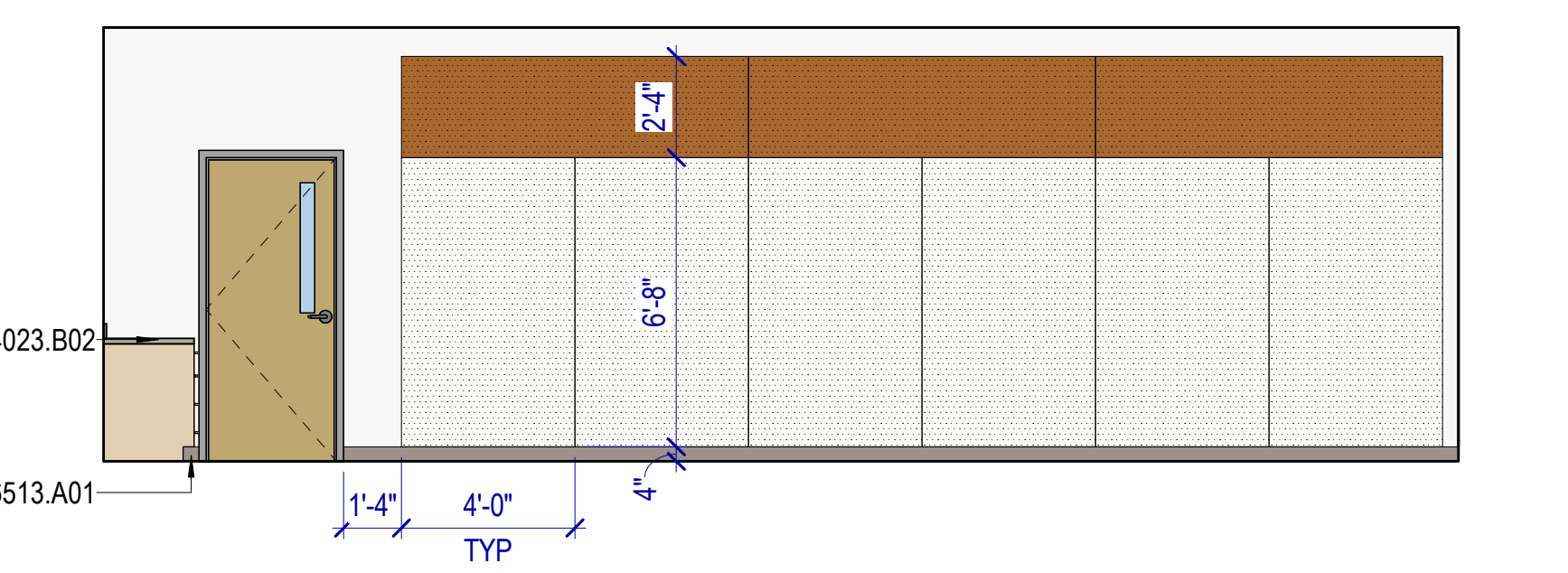
A3 LEARNING STUDIO B126 - EAST
SCALE: 1/4" = 1'-0"



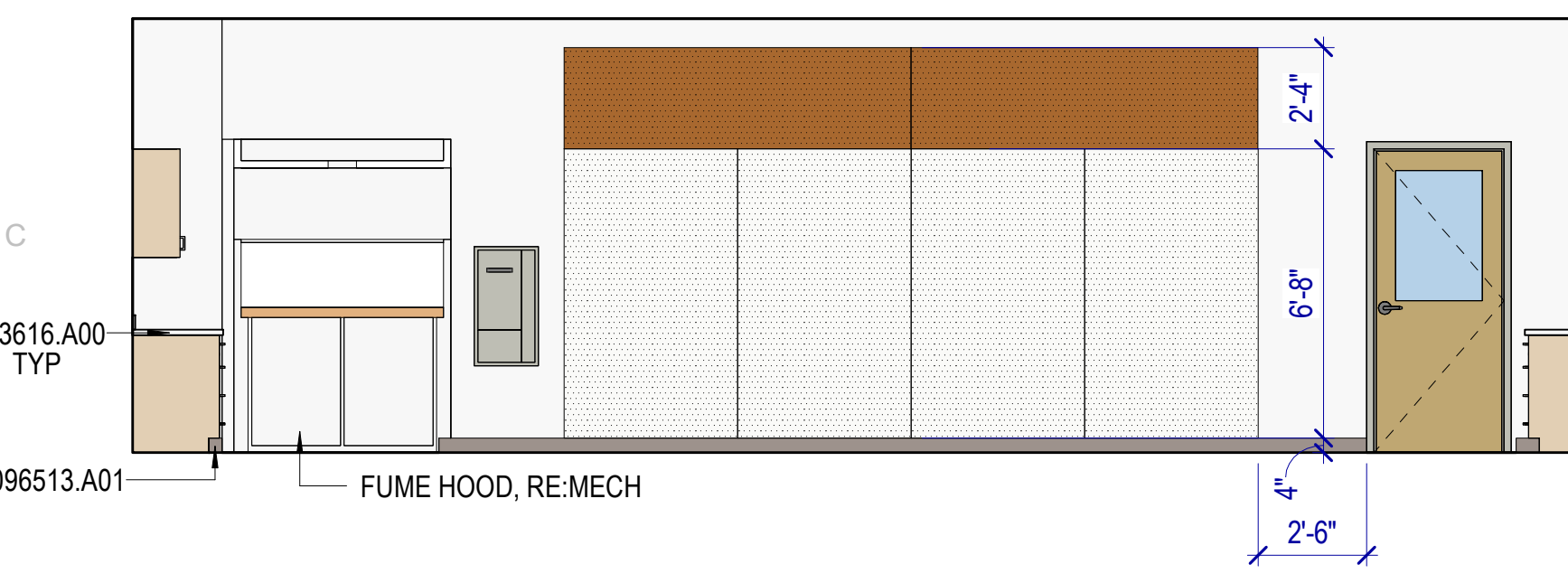
B1 LEARNING STUDIO B123 - W
SCALE: 1/4" = 1'-0"



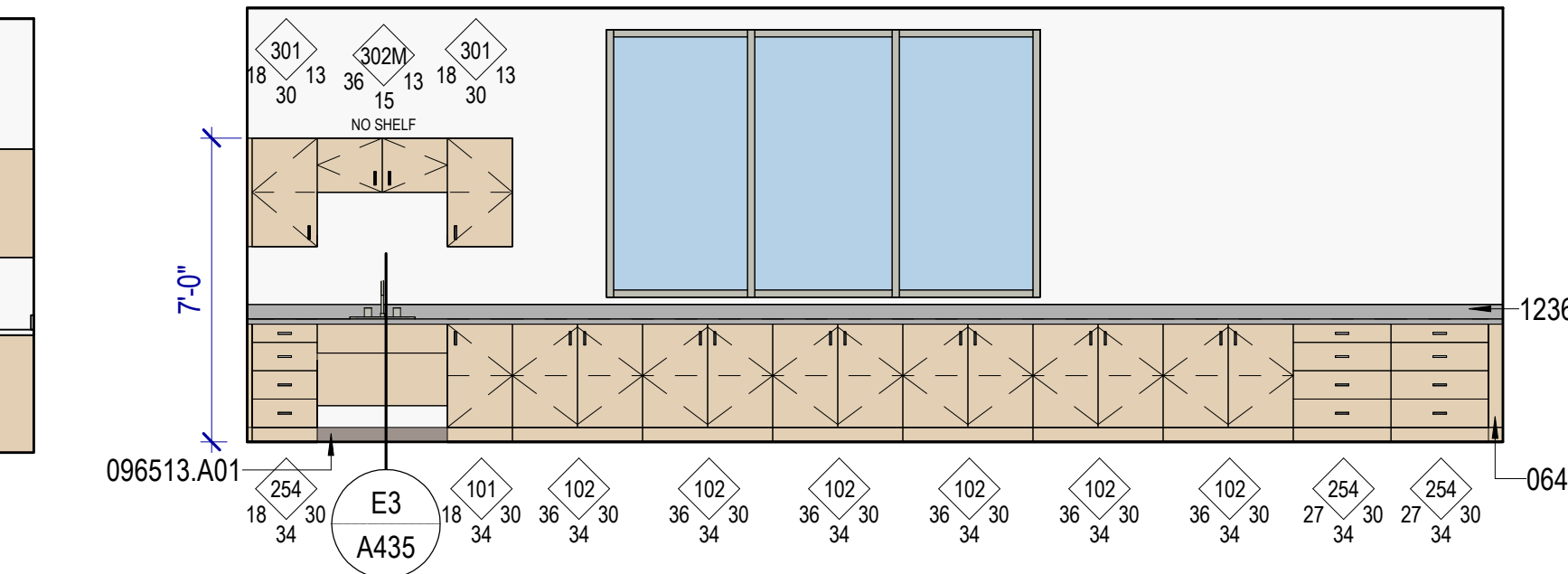
B2 LEARNING STUDIO B123 - EAST
SCALE: 1/4" = 1'-0"



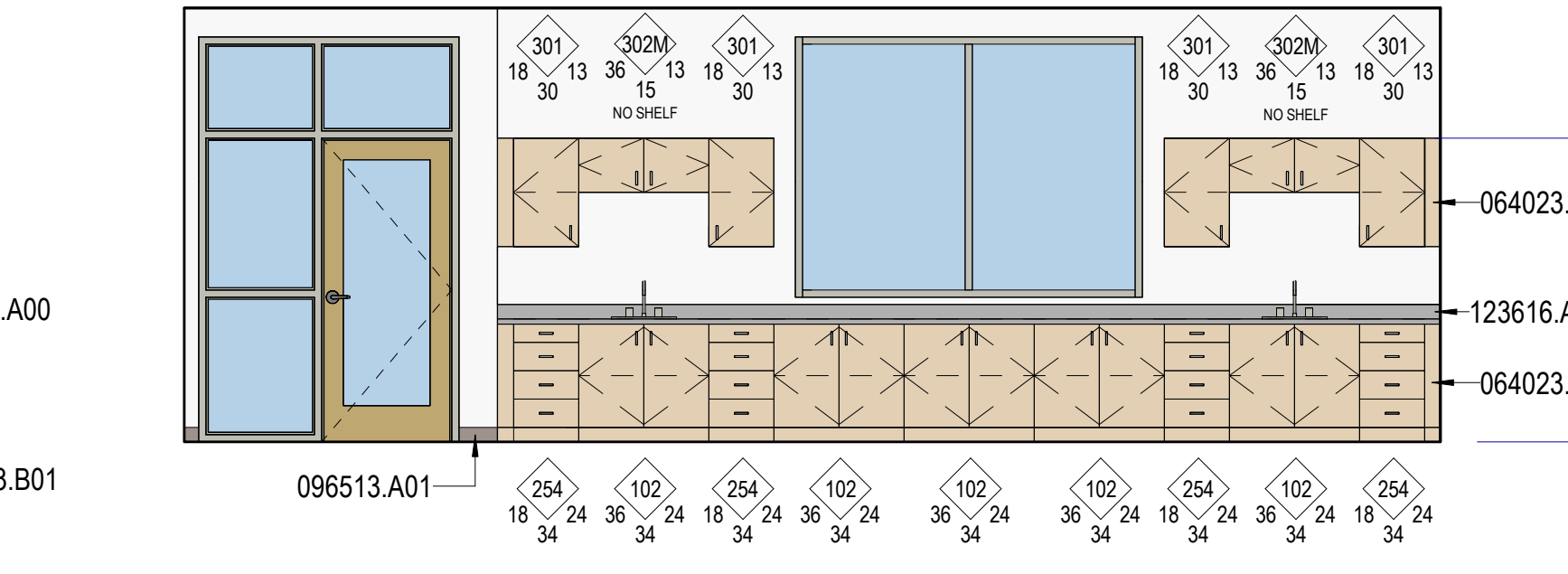
B3 LEARNING STUDIO B123 - S
SCALE: 1/4" = 1'-0"



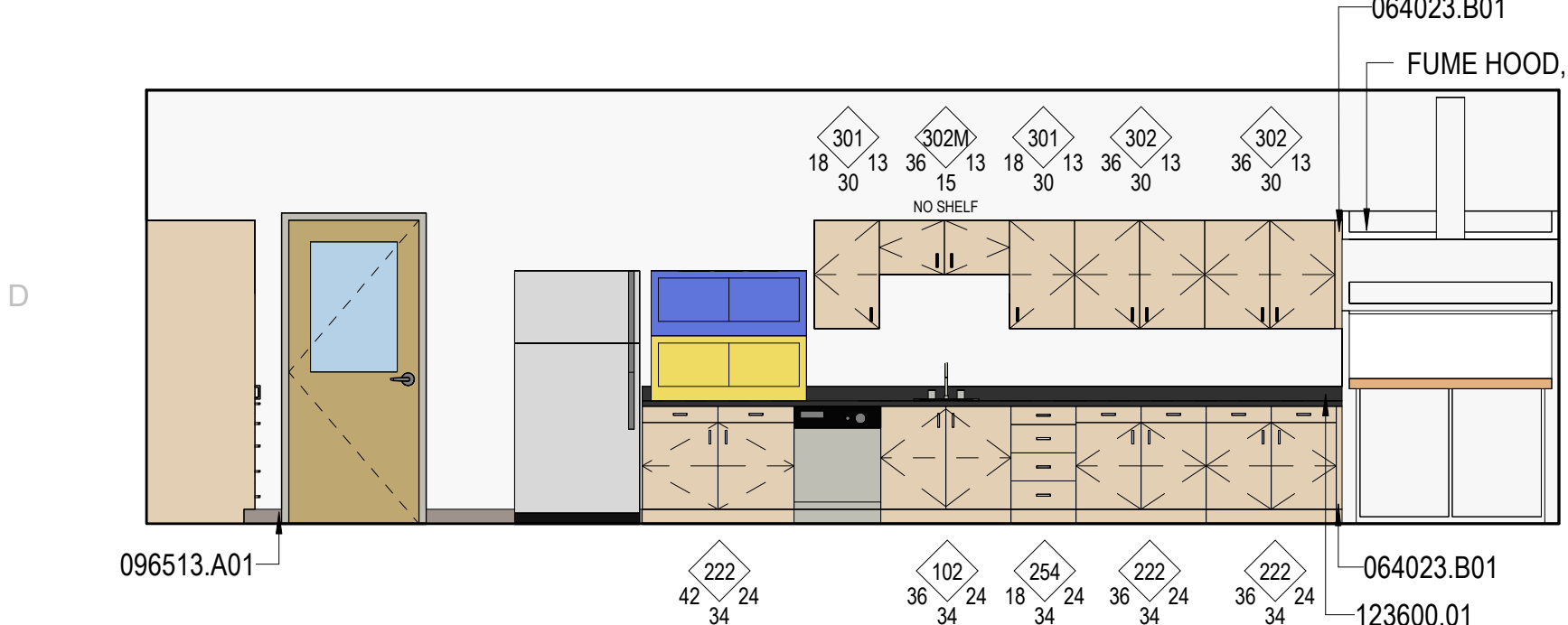
C1 SCIENCE / ART / CTE - TEACHING WALL
SCALE: 1/4" = 1'-0"



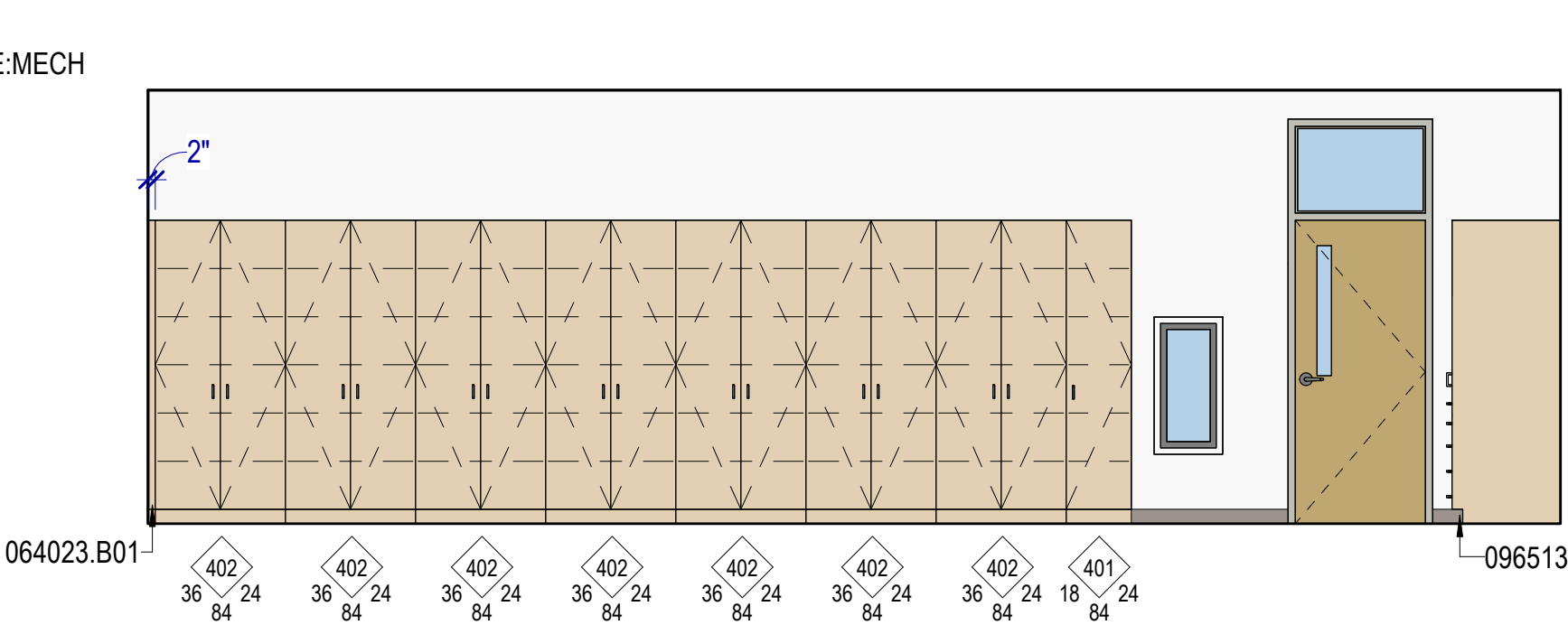
C2 SCIENCE/ART/CTE B127 - EAST
SCALE: 1/4" = 1'-0"



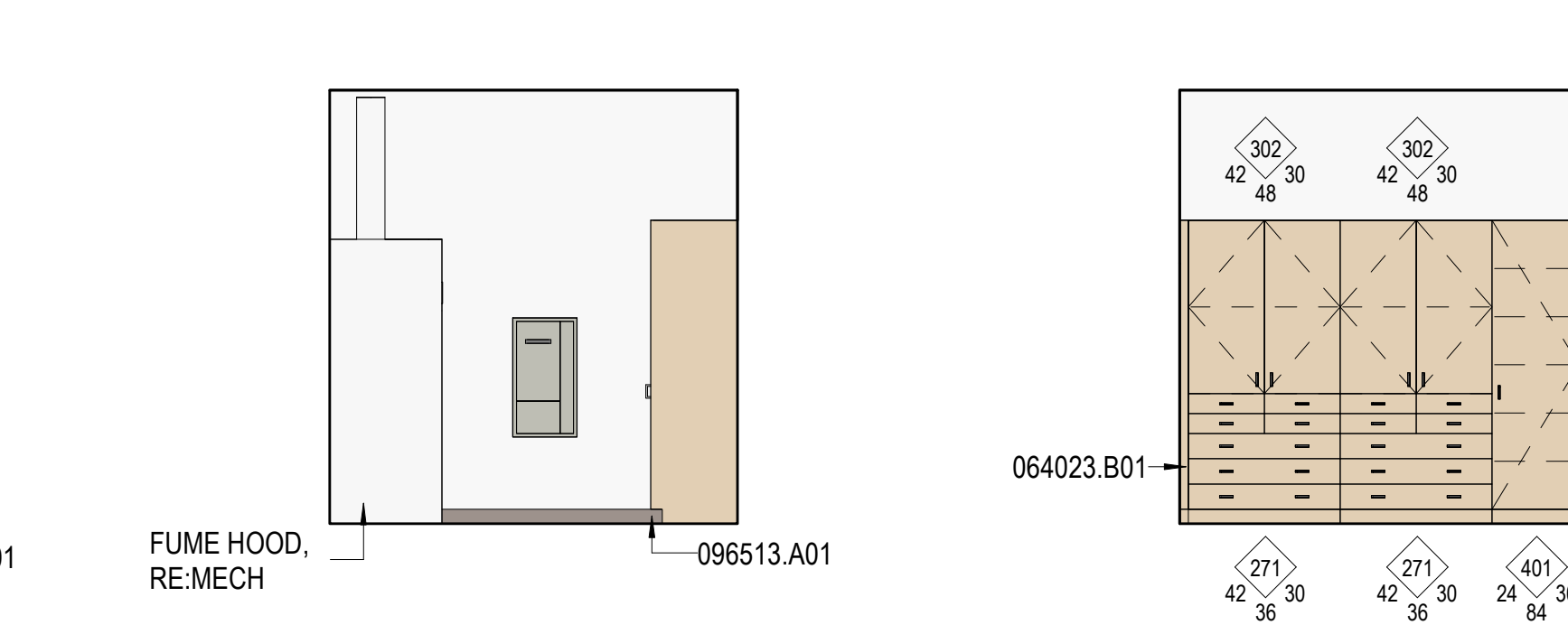
C3 SCIENCE/ART/CTE B127 - WEST
SCALE: 1/4" = 1'-0"



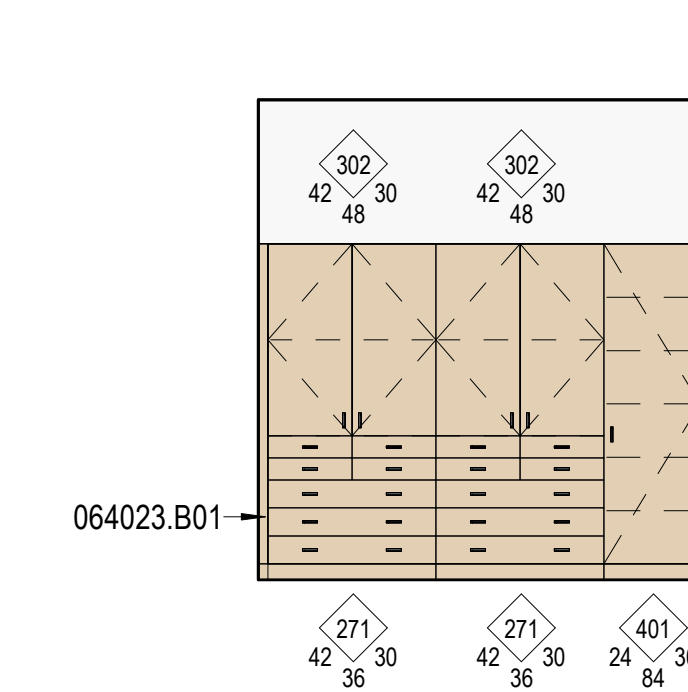
D1 PREP & STORAGE - S
SCALE: 1/4" = 1'-0"



D2 PREP & STORAGE - N
SCALE: 1/4" = 1'-0"



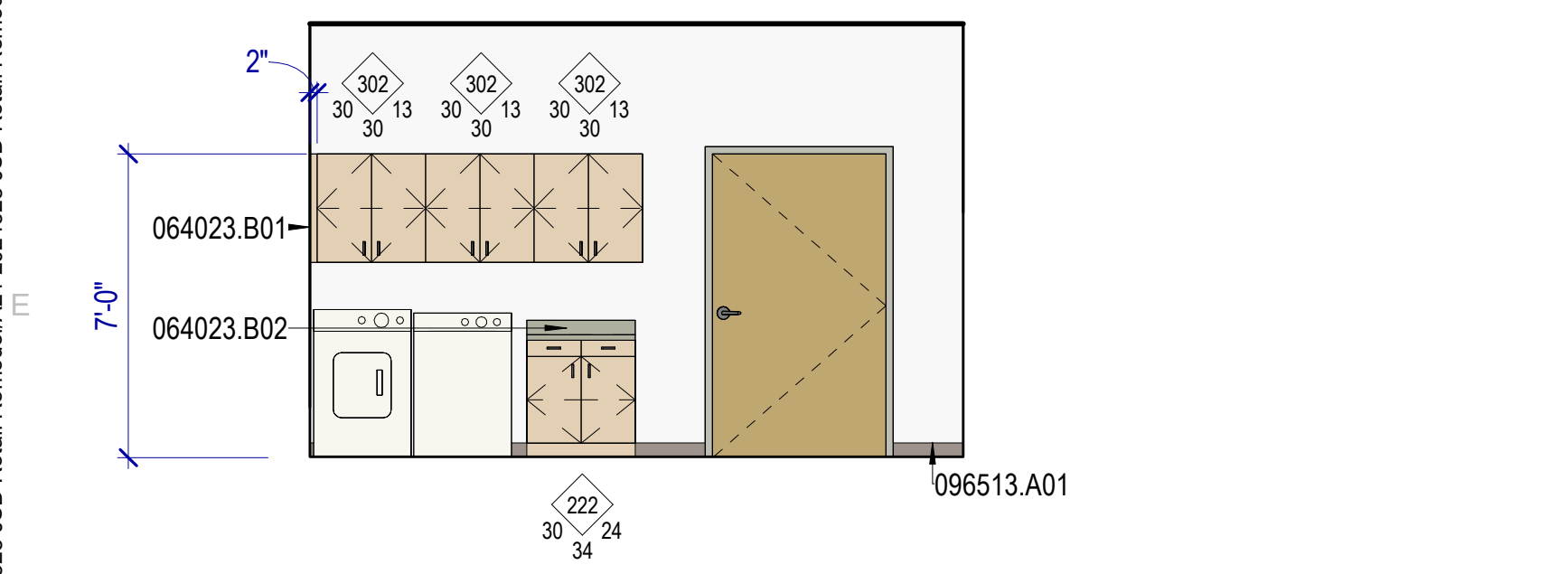
D3 PREP & STORAGE - W
SCALE: 1/4" = 1'-0"



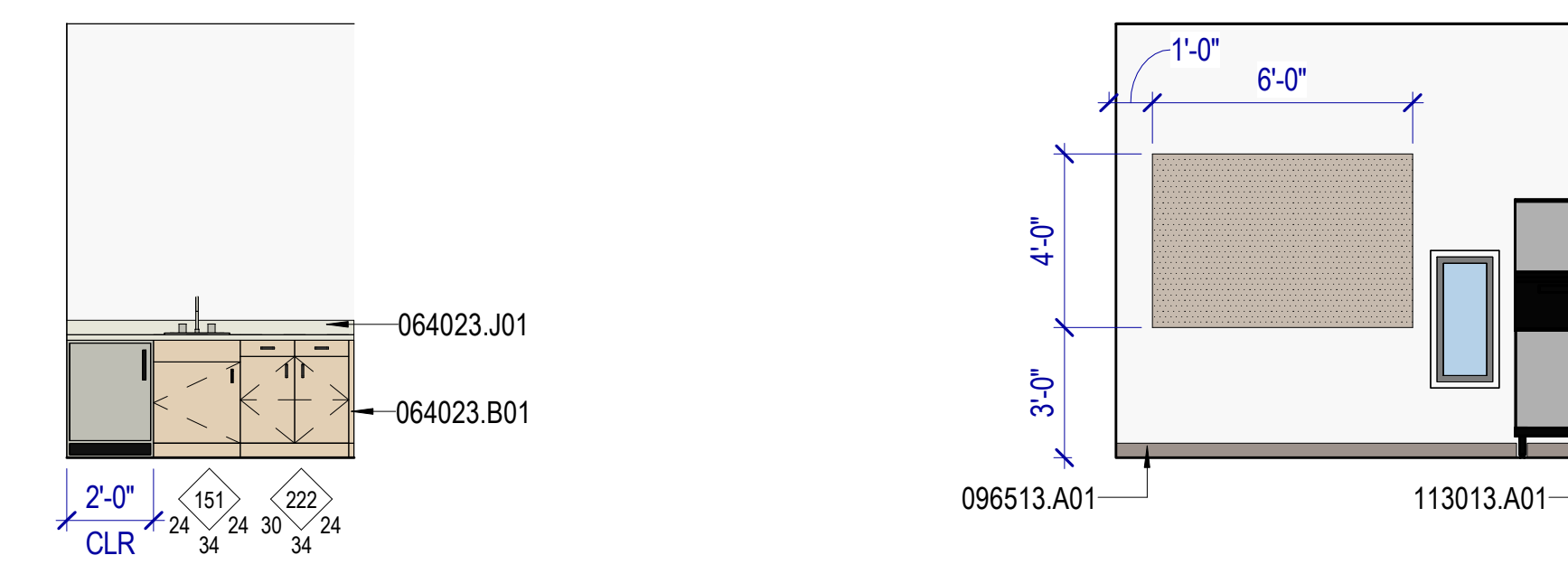
D4 PREP & STORAGE - E
SCALE: 1/4" = 1'-0"

KEYNOTES

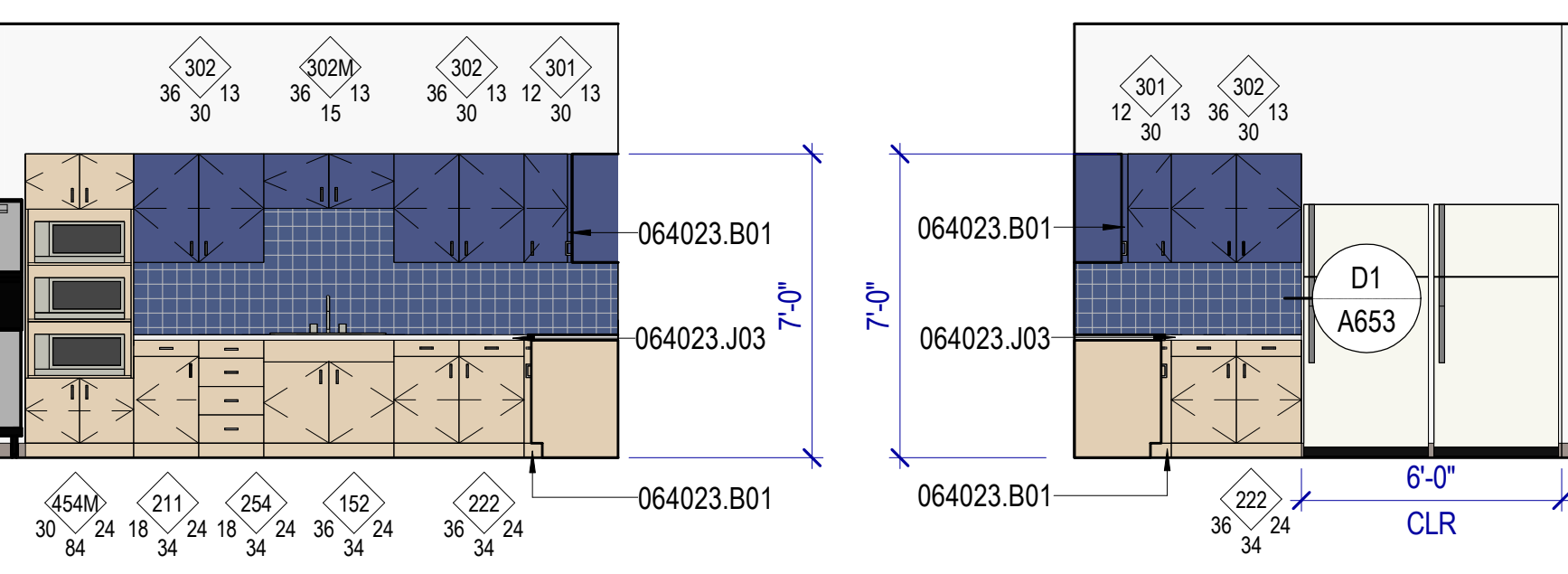
- 064023.B01 Filler panel
- 064023.B02 1-1/2" scheduled plastic laminate countertop w/ 4" backsplash
- 064023.J01 1-1/2" scheduled solid surface countertop w/ 4" backsplash
- 064023.J03 1-1/2" scheduled solid surface countertop w/o backsplash
- 096513.A01 RESILIENT BASE
- 113013.A01 Ice machine, floor mounted cfi
- 123600.01 1-1/2" scheduled epoxy resin countertop w/ 4" backsplash
- 123616.A00 METAL COUNTERTOPS



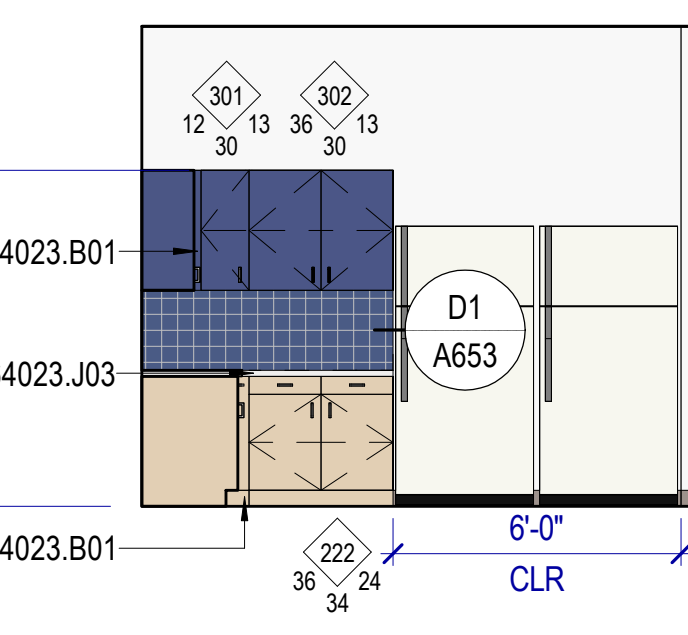
E1 LAUNDRY/RECEIVING A144 - WEST 1
SCALE: 1/4" = 1'-0"



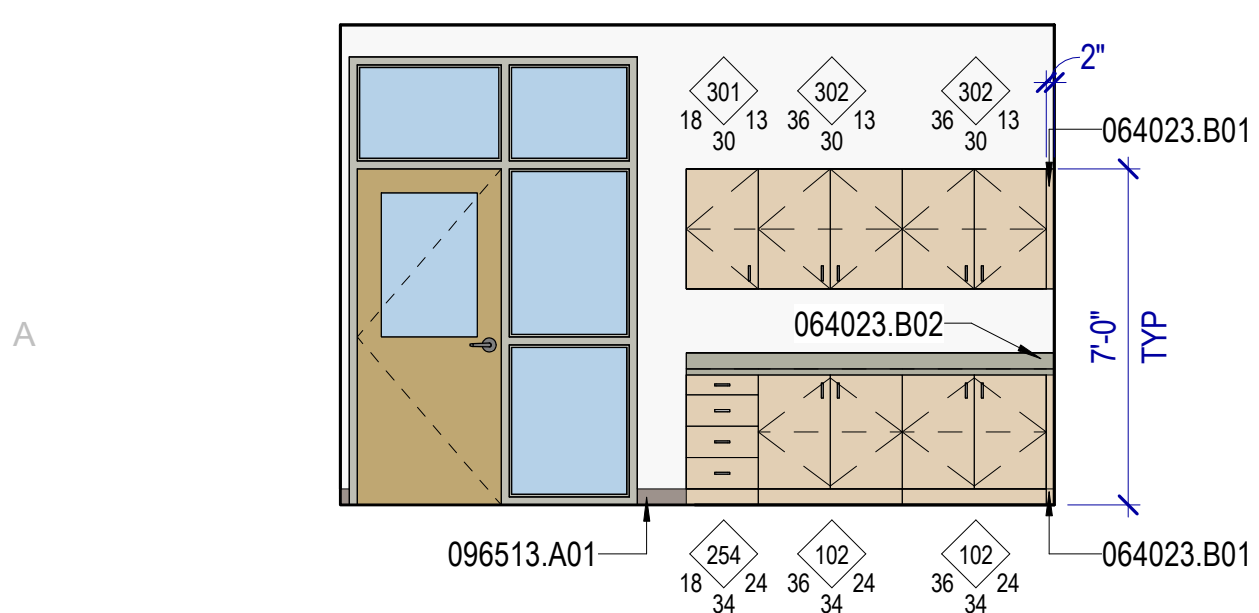
E2 WELLNESS B136 - EAST
SCALE: 1/4" = 1'-0"



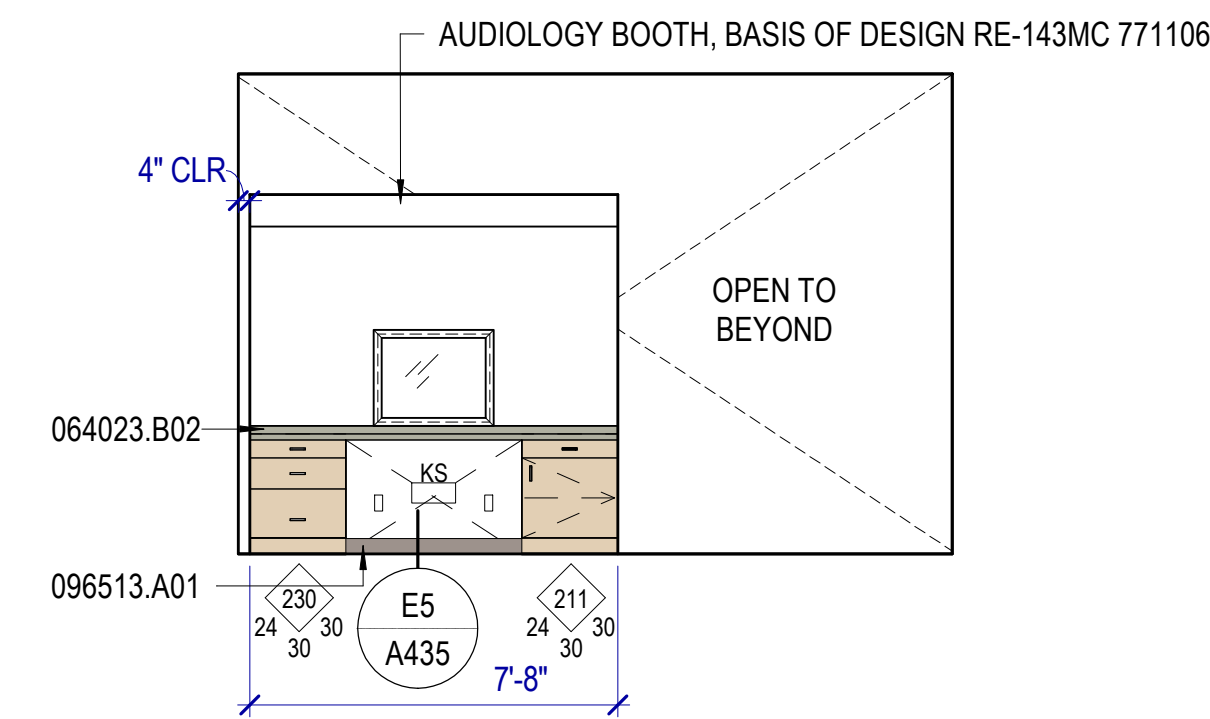
E3 BREAK ROOM - N
SCALE: 1/4" = 1'-0"



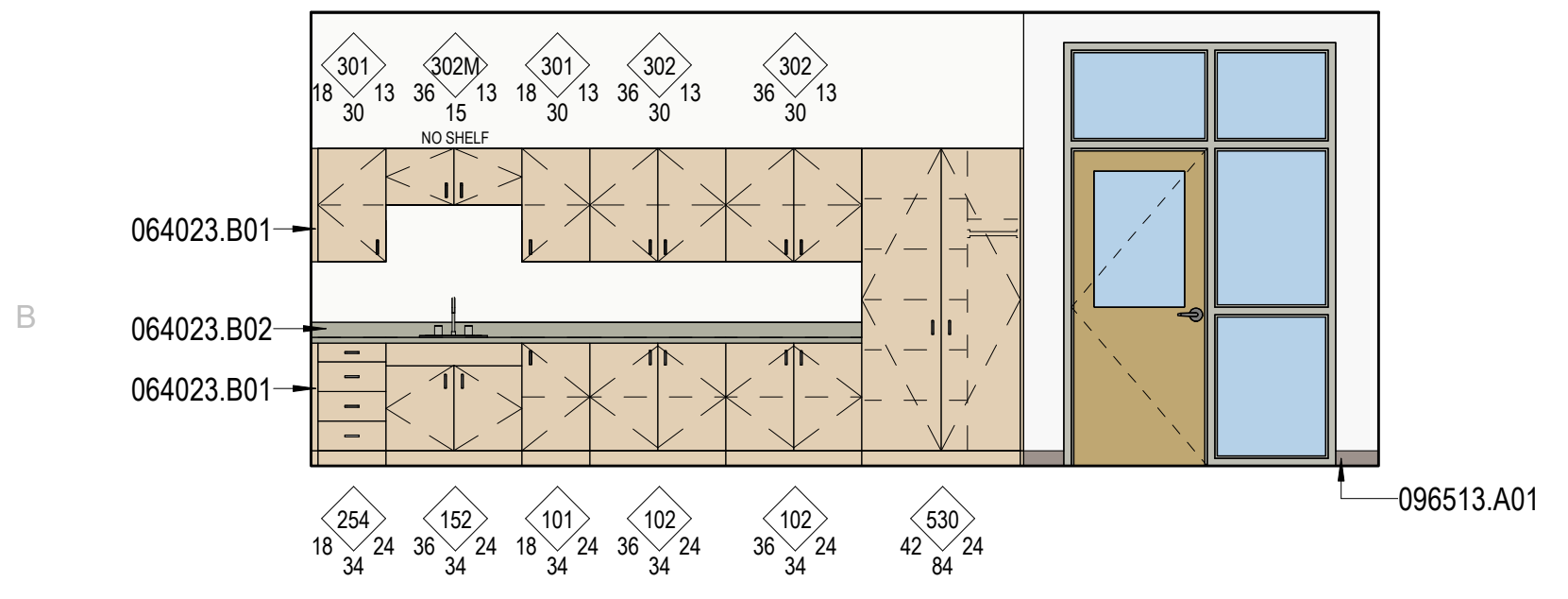
E4 BREAK ROOM - E
SCALE: 1/4" = 1'-0"



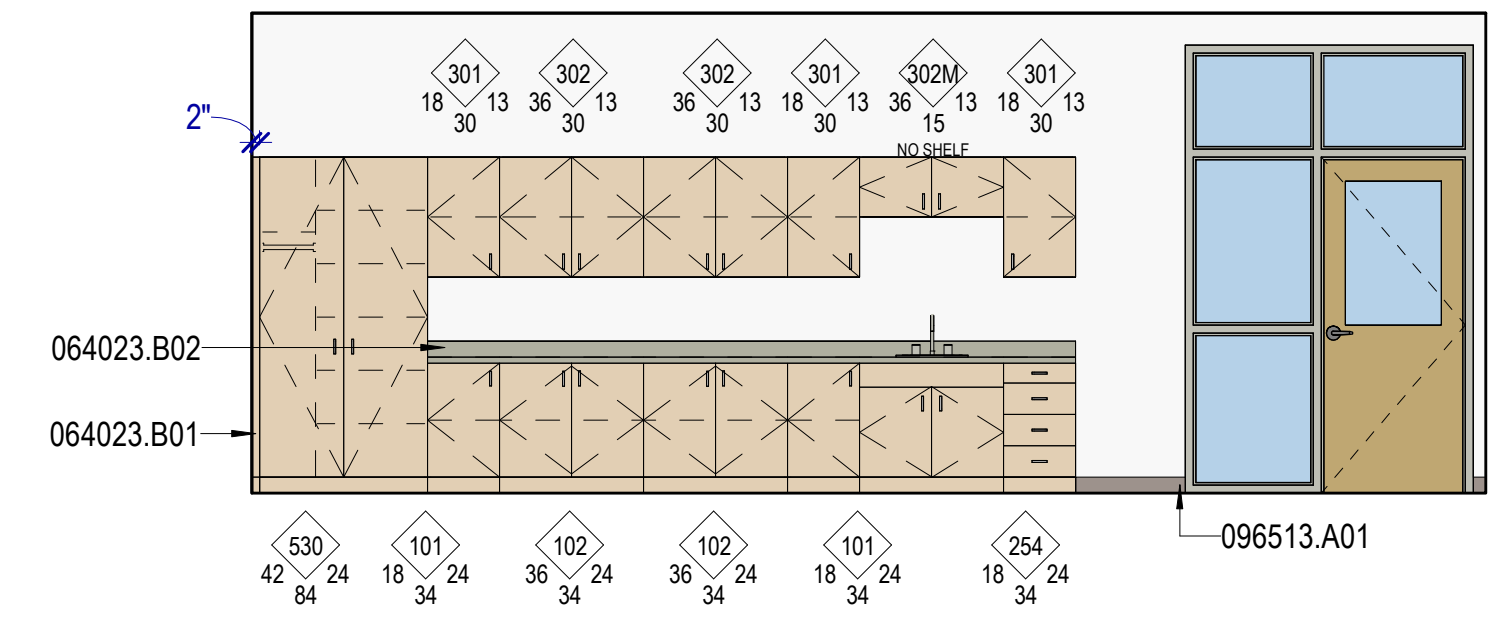
A1 AUDIOLOGY - E
SCALE: 1/4" = 1'-0"



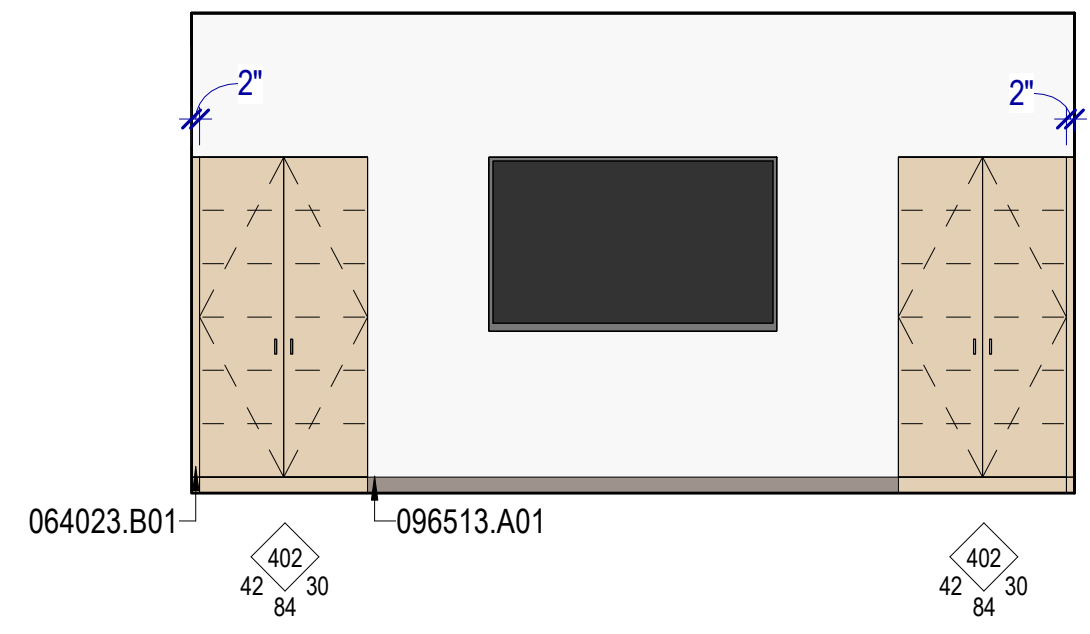
A2 AUDIOLOGY - S
SCALE: 1/4" = 1'-0"



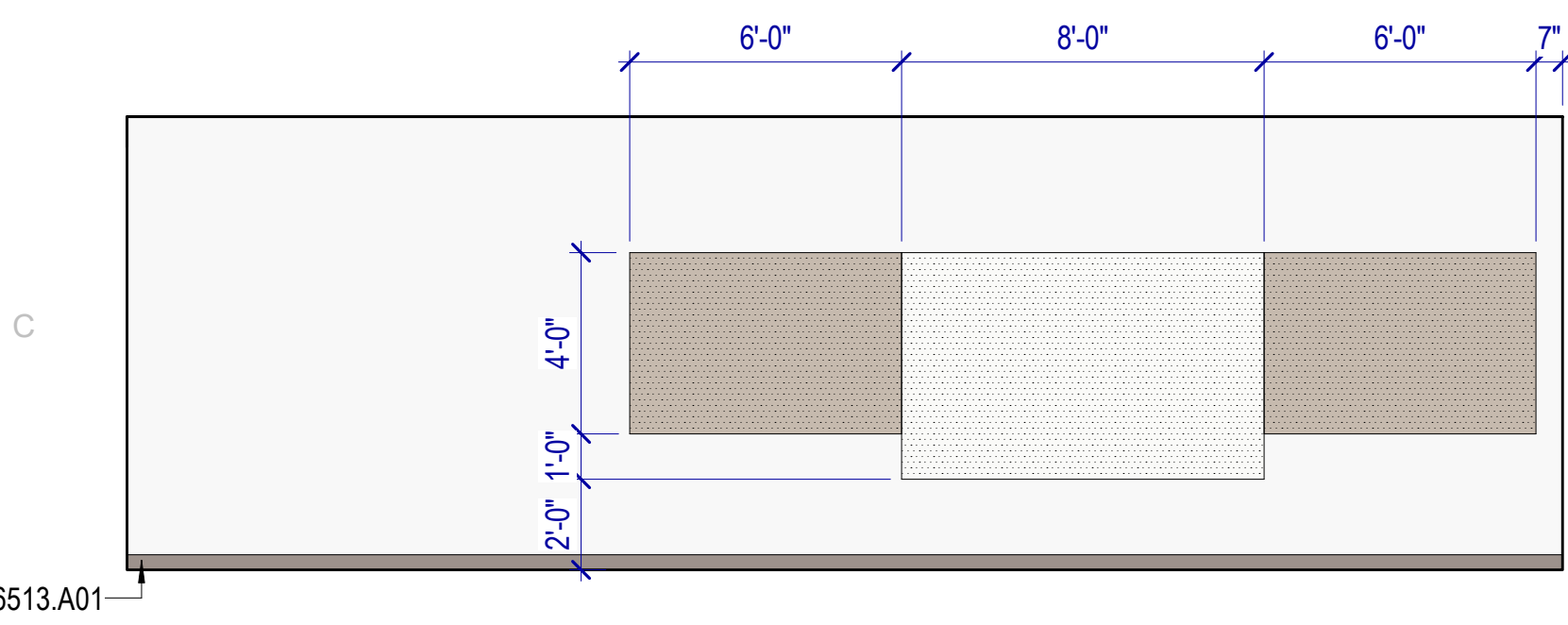
B1 TODDLER A131 - E
SCALE: 1/4" = 1'-0"



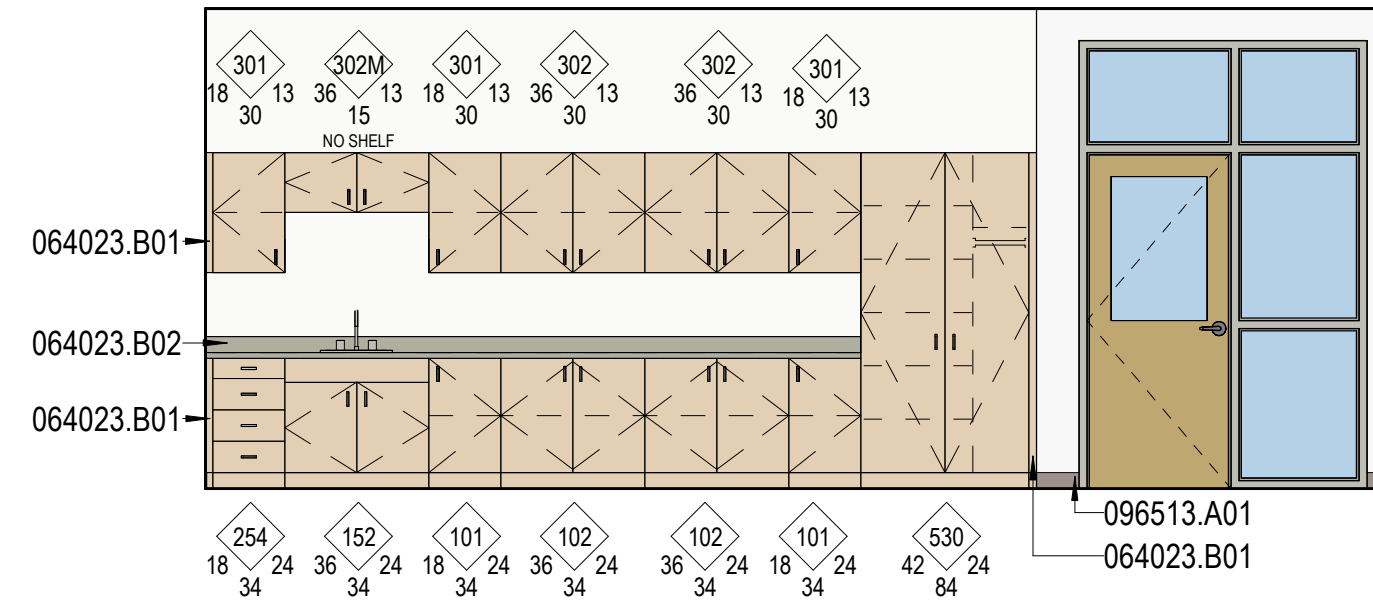
B2 TODDLER A138 - E
SCALE: 1/4" = 1'-0"



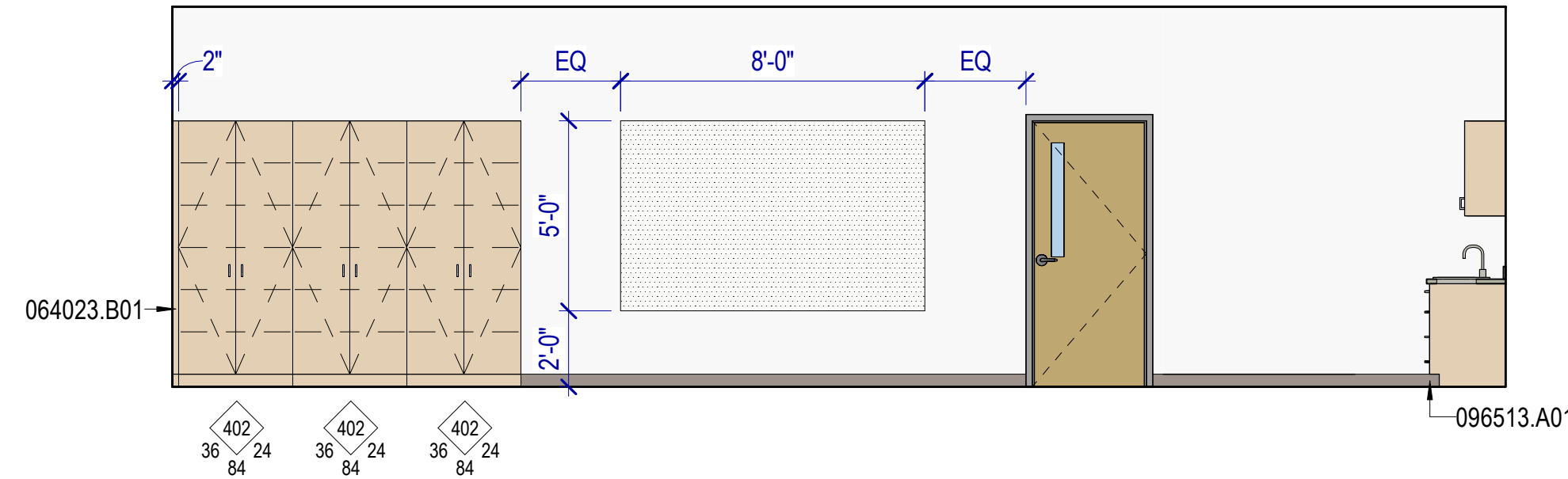
B3 COACH TEAM A139 - WEST
SCALE: 1/4" = 1'-0"



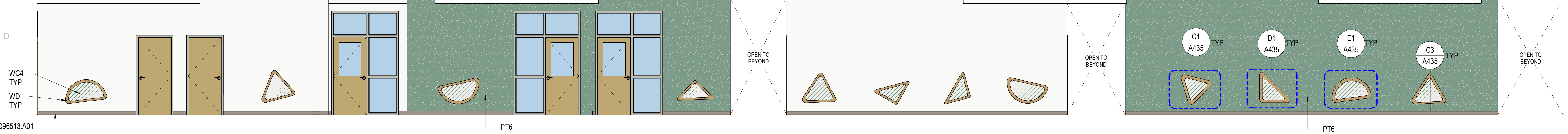
C1 COMMUNICATION - S
SCALE: 1/4" = 1'-0"



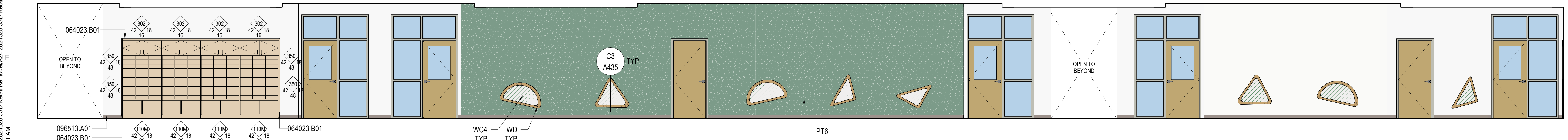
C2 COMMUNICATION - E
SCALE: 1/4" = 1'-0"



C3 COMMUNICATION - N
SCALE: 1/4" = 1'-0"



D1 CORRIDOR - E
SCALE: 1/4" = 1'-0"



E1 CORRIDOR - W
SCALE: 1/4" = 1'-0"

KEYNOTES

- 064023.B01 Filler panel
- 064023.B02 1-1/2" scheduled plastic laminate countertop w/ 4" backsplash
- 096513.A01 RESILIENT BASE

INTERIOR ELEVATIONS GENERAL NOTES

- RE: North American Architectural Woodwork Standards v3.0 (NAAWS), Cabinet Design Series for cabinet types.
- RE: G500 for Interior Wall Types.
- RE: A640A & A640B for the Finish Schedule.
- Dimensions shown to walls or casework are to finished face of wall or cabinet, UNO.
- Equipment indicated by dashed lines is a general representation and shown for coordination purposes only.
- Mechanical, electrical, plumbing and telecom rough-in locations are shown for general coordination purposes only. Refer to mechanical, electrical, plumbing and telecom drawings.
- Countertops: 25" deep with 4" high backsplash, UNO. Provide sidesplashes at walls, tall cabinets or similar transitions.
- Blocking: Provide blocking in walls at cabinets, wall-mounted accessories, equipment, display boards and similar items.
- Finishes: Finishes are required on all exposed and semi-exposed surfaces, UNO. Wall elevations are not shown for walls where the Finish Schedule is deemed adequate to convey the intent.
- Cabinet Locks: Provide locks on cabinet drawers and doors, keyed alike by room, UNO.
- Casework Finishes: Provide laminate finishes on all exposed and semi-exposed surfaces as required by the specifications. Provide laminate finishes on concealed surfaces if required by the specifications. Refer to NAAWS Section 10.4.4 for definitions of exposed, semi-exposed and concealed surfaces.

LEGEND - INTERIOR ELEVATION

	TACKABLE WALL COVERING, TCK1 SEE DETAIL A3 / A435		DISHWASHER, CFCI
	TACKABLE WALL COVERING, TCK2 SEE DETAIL A3 / A435		MICROWAVE, CFCI
	MARKERBOARD, SEE DETAIL A3 / A435		EYEWASH, RE: PLUMBING
	WALL TILE WT2		REFRIGERATOR, OFOI
	GLAZING		REFRIGERATOR, CFCI
	PLASTIC LAMINATE PL1		CHEMICAL STORAGE CABINETS
	PLASTIC LAMINATE PL2		COPIER, OFOI
	PLASTIC LAMINATE PL3		SINK, RE: PLUMBING
	WALLCOVERING WC2		DRINKING FOUNTAIN, RE: PLUMBING
	RIBBED WALL PANEL WP1		UNDERCOUNTER REFRIGERATOR, CFCI
	WALLCOVERING WC1		TV MONITOR, RE: ELECTRICAL
	WALL TILE WT7		METAL LATERAL FILE STORAGE, OFOI
	TILE BASE TB1		DRYER & WASHER, CFCI

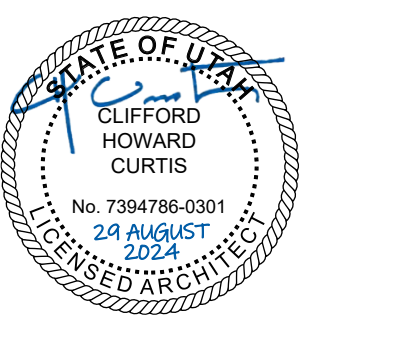


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MHTN PROJECT NO: 2024528

Original Drawing is 36" x 42". Do not scale contents of this drawing.

REVISIONS:

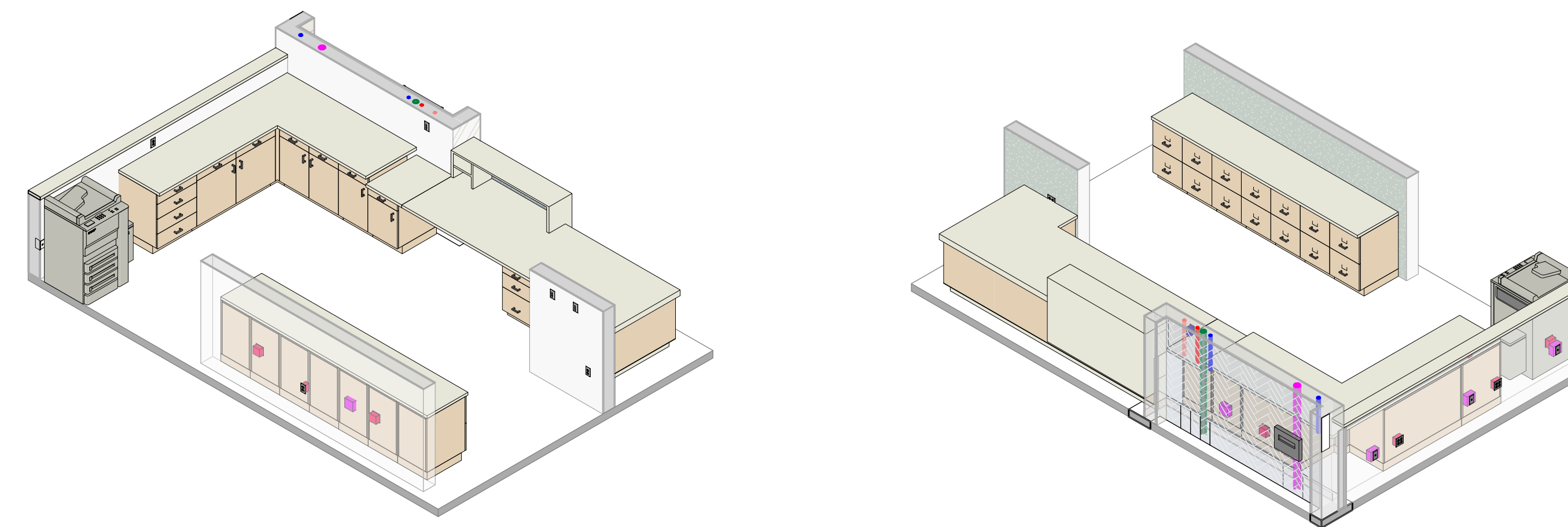
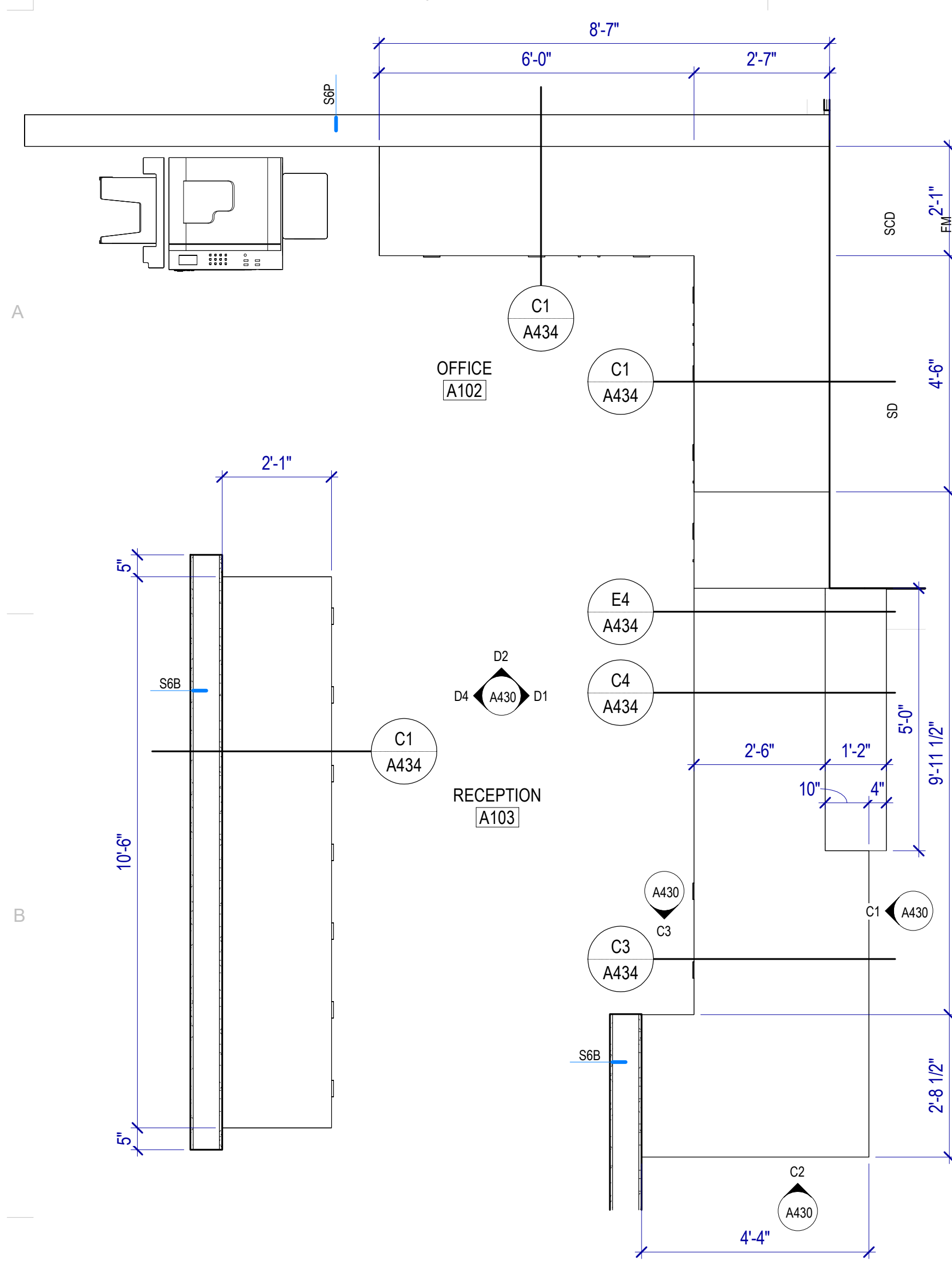
NO.	DATE	DESCRIPTION

ISSUE: CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME:
INTERIOR ELEVATIONS

SHEET NUMBER:
A414

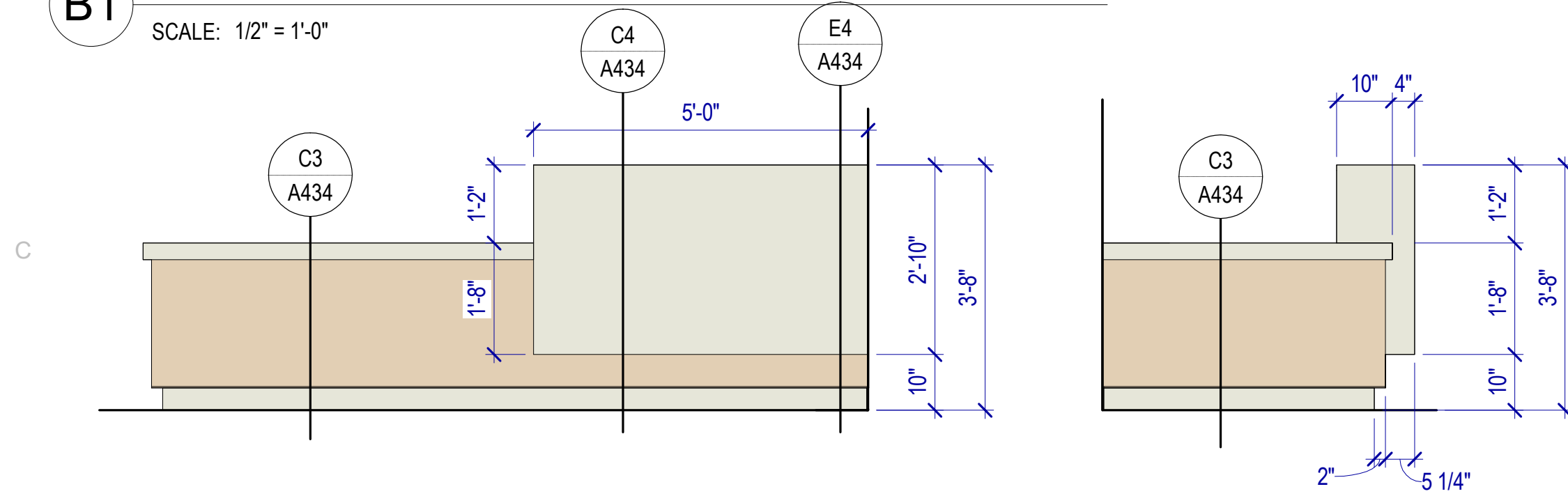
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RECEPTION DESK A103 AXONOMETRIC

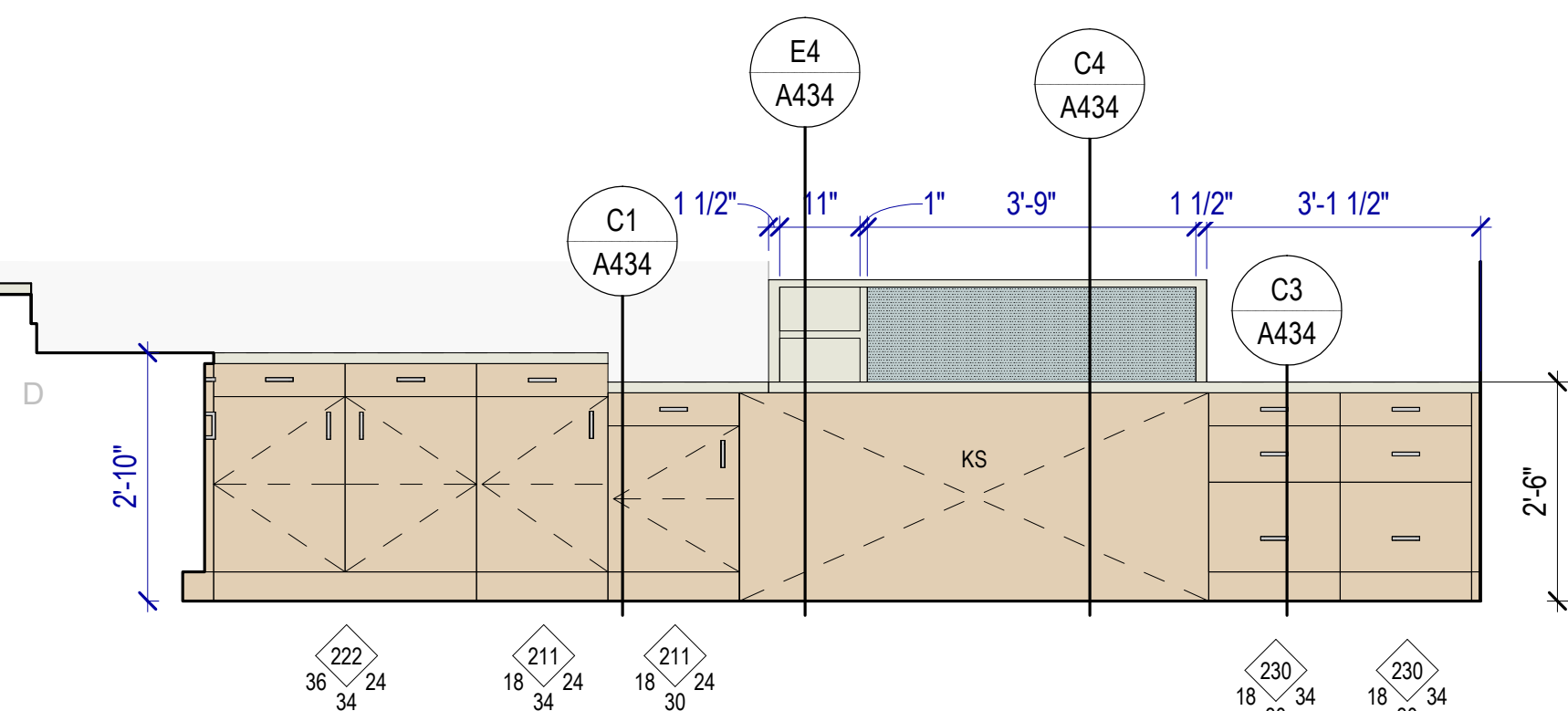
B1 RECEPTION A103 DESK

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



C1 RECEPTION DESK A103 - F1

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



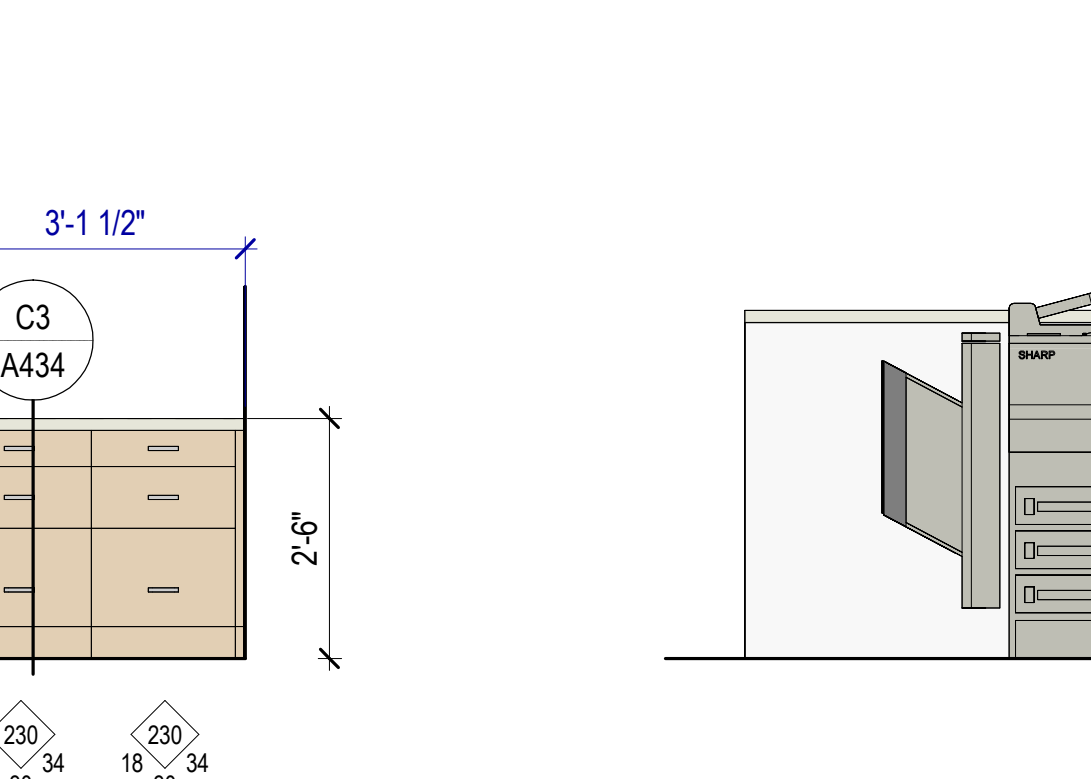
D1 RECEPTION A103 DESK - E

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



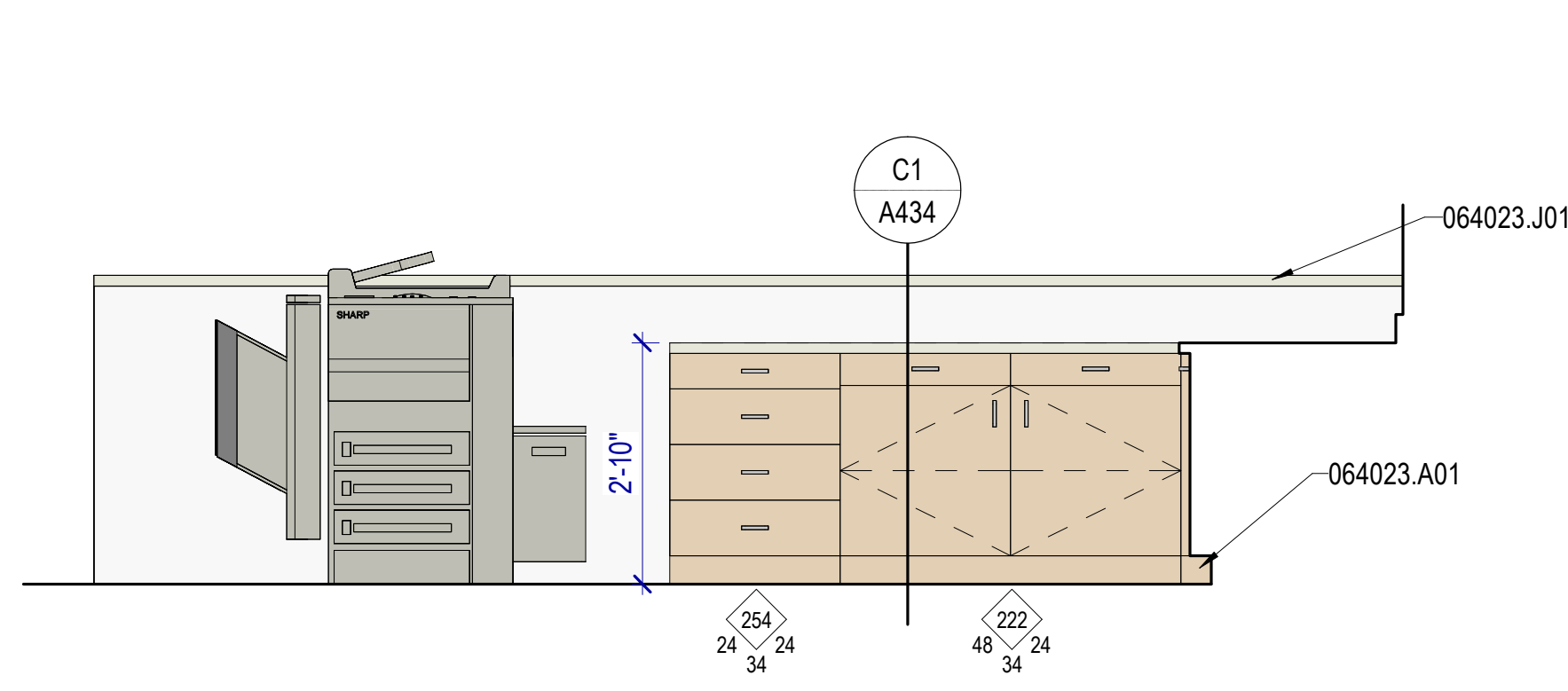
C2 RECEPTION DESK A103 - F2

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



C3 RECEPTION A103 DESK - S

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



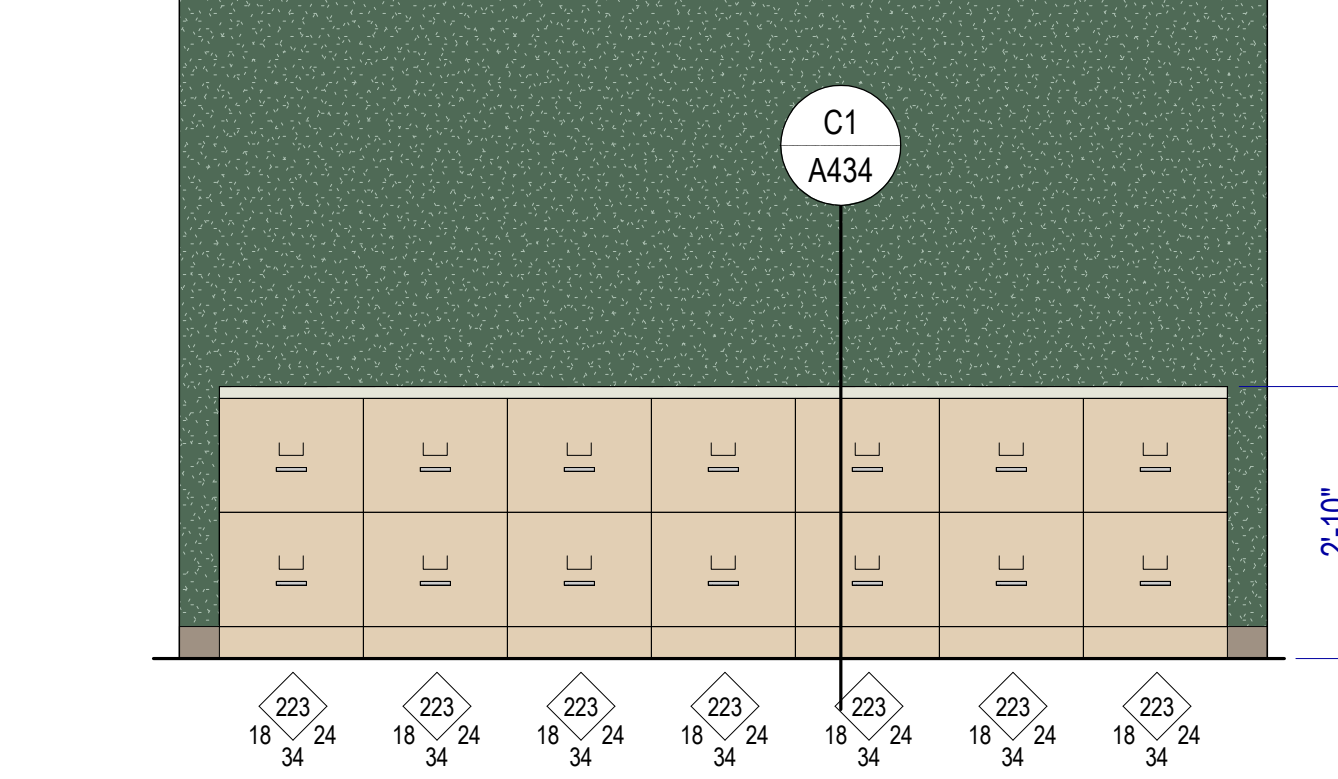
D2 RECEPTION A102 DESK - N

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



D4 RECEPTION A103 DESK - W

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



CASEWORK GENERAL NOTES

- Verify in Field (VIF):** Field verify all dimensions and conditions before fabrication.
- Upper Cabinet Clearance:** 12" minimum clear inside dimension, UNO.
- Electrical and Data Coordination:** Coordinate electrical and data device locations with millwork.
- Locks:** Provide locks on cabinet drawers and doors, keyed alike by room, UNO.
- Grommets:** Locate as directed by Owner after installation.

Cabinet Design Series

- Provide cabinets with integral finished ends and scribes at wall to wall installations not exceeding 1-1/2 inches in width.
- Where cabinets meet walls or other cabinets, provide filler panels, of sufficient width, but not exceeding 1-1/2 inches, to allow doors with pulls to swing a minimum of 90 degrees and to prevent drawers from hitting adjacent door or drawer pulls.
- Hardware and accessories shall be as provided for in these standards.

CDS are subdivided as follows:

Base Cabinets w/o Drawers	100 Series
Base Cabinets w/ Drawers	200 Series
Wall Hung Cabinets	300 Series
Tall Storage Cabinets	400 Series
Tall Wardrobe Cabinets	500 Series
Library Cabinets	600 Series
Moveable Cabinets	700 Series

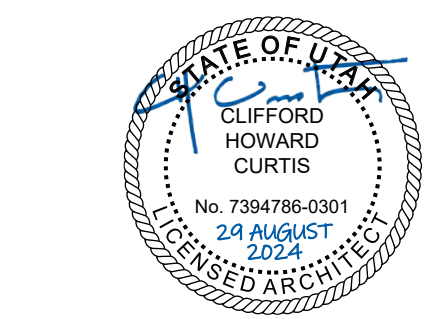
General Notes

- 100 or 200 Series cabinets may be converted into moveable cabinets by prefixing a "7" to the number. (Example: 7-102-36"x 30"x 18" [7-102-914 mm x 762 mm x 457 mm]).
- Moveable cabinets shall be equipped with adequate approved casters for the intended load capacity.
- CDS #s 728, 729, 735, 736, 737, 738, and 739 require metal angle reinforced corners.
- Carts and rolling tall storage cabinets with doors, lacking any horizontal and/or vertical stabilizing dividers, require a diaphragm bottom; specifically CDS #'s 702, 712, 716, 722, 743, 744, 746, 747, 750, and 751.
- Wardrobe cabinets (500 Series) with doors require a framed mirror on one door, and cabinets # 533 and 534 require a paper roller/cutter and slide out tilting paper shelves.
- Cart storage cabinets are required to have hardwood side guides, specifically CDS #'s 160, 161, and 162.
- Ceramics drying cabinets are required to have galvanized metal frame shelves with wire mesh, specifically CDS #'s 158, 159, and 459.
- File drawers require full extension slides and a file hanging system, specifically CDS #'s 223, 224, 230, 231, 240, 242, 253, 255, 531, 532, and 533.
- Wardrobe cabinets are required to have a shelf, pole, and framed mirror (without pin tray) when closed with hinged doors, specifically CDS #'s 501, 511, 512, 522, 530, 531, 532, and 552.
- Wardrobe cabinets are required to have a roll paper dispenser/cutter, specifically CDS #'s 533 and 534.

	SS1		TCK1
	PL1		PL2
	QT1		WP2
	KS		KNEE SPACE



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SEAL



MHTN PROJECT NO: 2024528

Original Drawing is 30 x 42. Do not scale contents of this drawing.

REVISIONS:
CONTRACTOR TO VERIFY DRAWINGS IN FIELD. USE REFLECT LAST REVISION DATE.

NO.	DATE	DESCRIPTION

ISSUE:
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME:
CASEWORK DETAILS

SHEET NUMBER:
A430

CASEWORK GENERAL NOTES

Verify in Field (VIF): Field verify all dimensions and conditions before fabrication.

Upper Cabinet Clearance: 12" minimum clear inside dimension, UNO.

Electrical and Data Coordination: Coordinate electrical and data device locations with millwork.

Locks: Provide locks on cabinet drawers and doors, keyed alike by room, UNO.

Grommets: Locate as directed by Owner after installation.

Cabinet Design Series

- Provide cabinets with integral finished ends and scribes at wall to wall installations not exceeding 1-1/2 inches in width. Where cabinets meet walls or other cabinets, provide filler panels, of sufficient width, but not exceeding 1-1/2 inches, to allow doors with pulls to swing a minimum of 90 degrees and to prevent drawers from hitting adjacent door or drawer pulls. Hardware and accessories shall be as provided for in these standards.

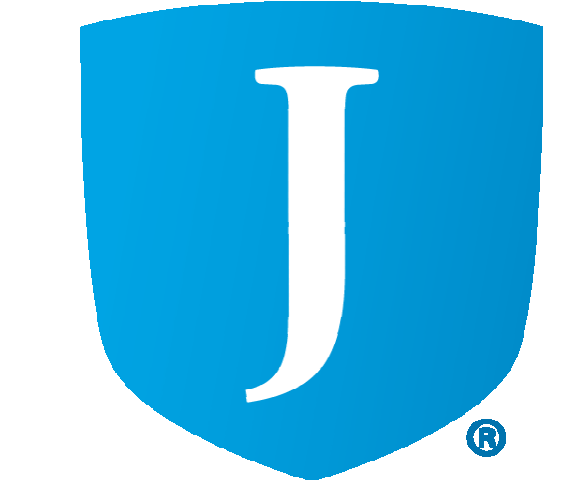
CDS are subdivided as follows:

Table with 2 columns: Cabinet Type and Series Number. Includes Base Cabinets w/o Drawers (100 Series), Base Cabinets w/ Drawers (200 Series), Wall Hung Cabinets (300 Series), Tall Storage Cabinets (400 Series), Tall Wardrobe Cabinets (500 Series), Library Cabinets (600 Series), and Moveable Cabinets (700 Series).

General Notes

- 100 or 200 Series cabinets may be converted into moveable cabinets by prefixing a "7" to the number. (Example: 7-102-36"x 30"x 18" [7-102-914 mm x 762 mm x 457 mm]). Moveable cabinets shall be equipped with adequate approved casters for the intended load capacity. CDS #s 726, 729, 735, 736, 737, 738, and 739 require metal angle reinforced corners. Carts and rolling tall storage cabinets with doors, lacking any horizontal and/or vertical stabilizing dividers, require a diaphragm bottom; specifically CDS #s 702, 712, 716, 722, 743, 744, 746, 747, 750, and 751. Wardrobe cabinets (500 Series) with doors require a framed mirror on one door, and cabinets # 533 and 534 require a paper roller/cutter and slide out tilting paper shelves. Cart storage cabinets are required to have hardwood side guides, specifically CDS #s 160, 161, and 162. Ceramics drying cabinets are required to have galvanized metal frame shelves with wire mesh, specifically CDS #s 158 159, and 459. File drawers require full extension slides and a file hanging system, specifically CDS #s 223, 224, 230, 231, 240, 242, 253, 255, 531, 532, and 533. Wardrobe cabinets are required to have a shelf, pole, and framed mirror (without pin tray) when closed with hinged doors, specifically CDS #s 501, 511, 512, 522, 530, 531, 532, and 552. Wardrobe cabinets are required to have a roll paper dispenser/cutter, specifically CDS #s 533 and 534.

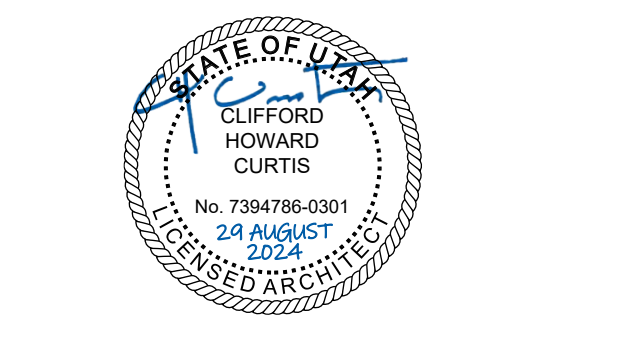
Material legend table with color swatches and labels: SS1, PL1, QT1, KS (KNEE SPACE), TCK1, PL2, WP2.



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SEAL



MHTN PROJECT NO. 2024528

Original drawing is 36 x 42. Do not scale contents of this drawing.

REVISIONS: CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE.

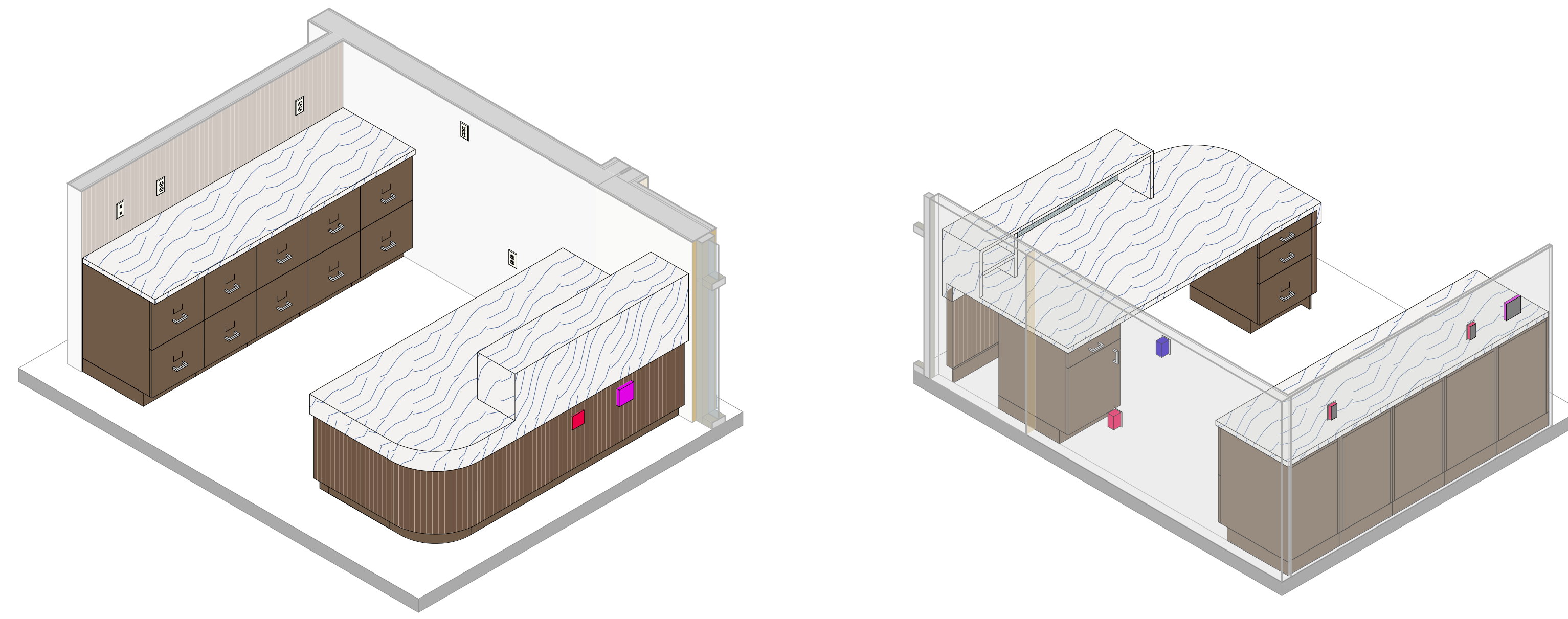
Table with columns: NO., DATE, DESCRIPTION.

ISSUE: CONSTRUCTION DOCUMENTS
August 29, 2024

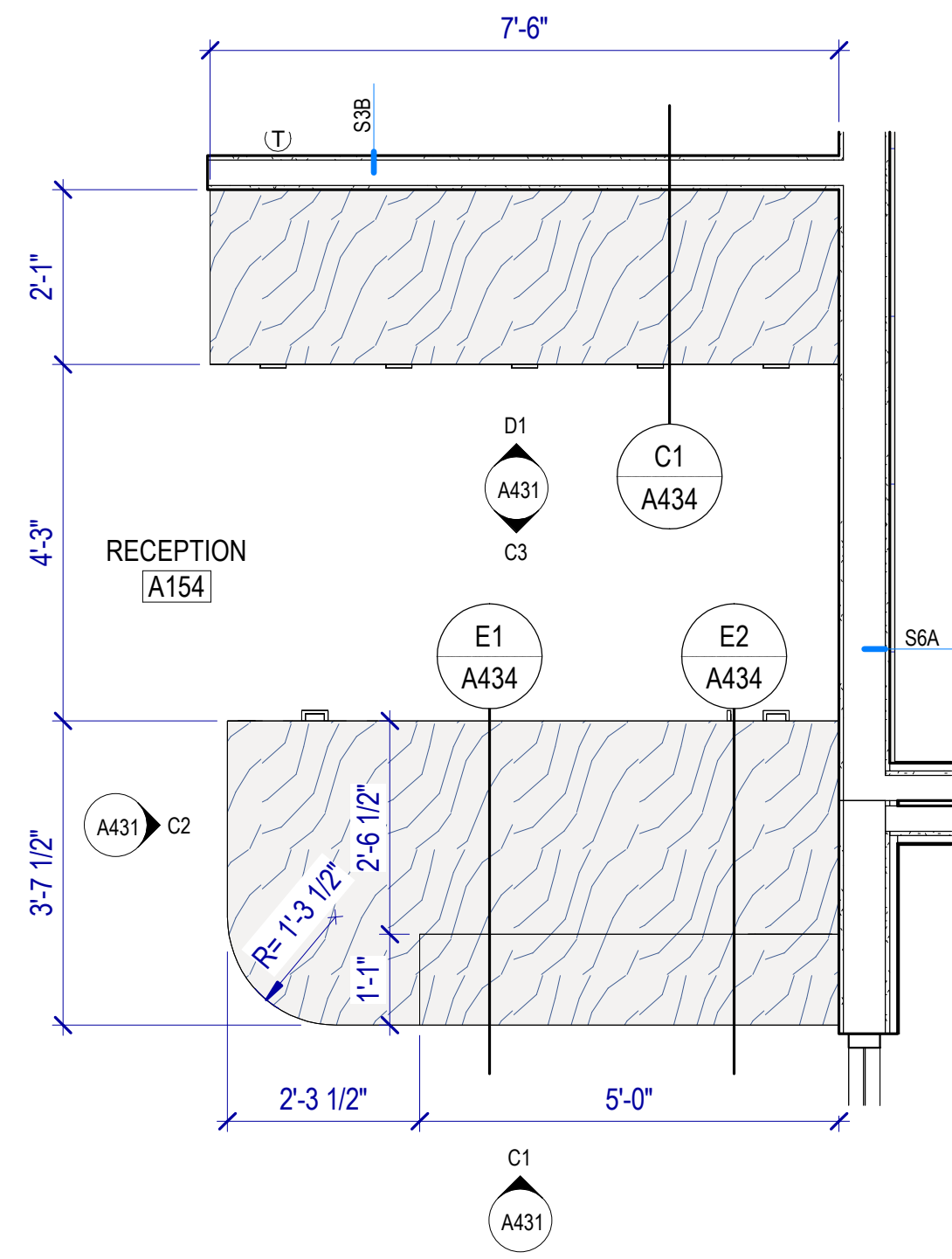
SHEET NAME: CASEWORK DETAILS

SHEET NUMBER

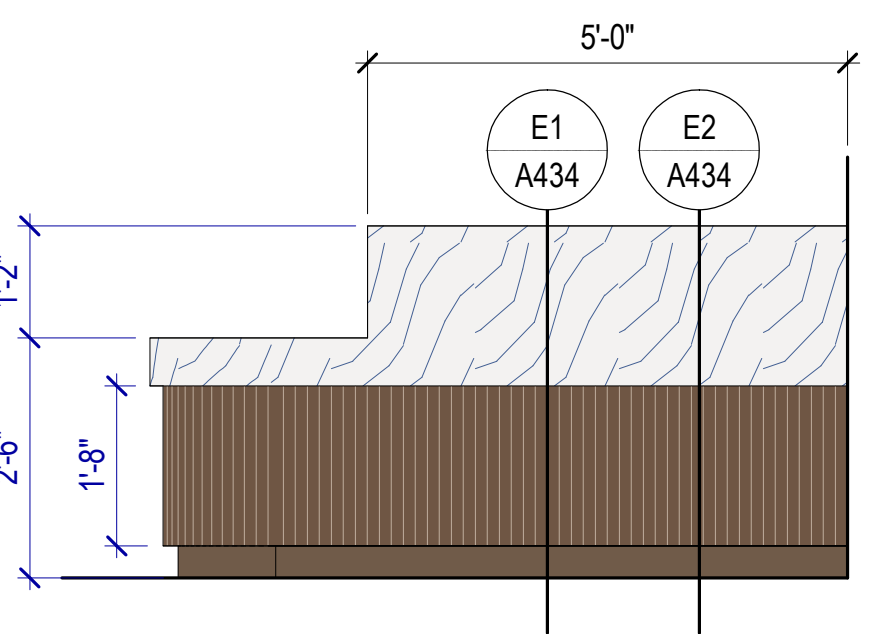
A431



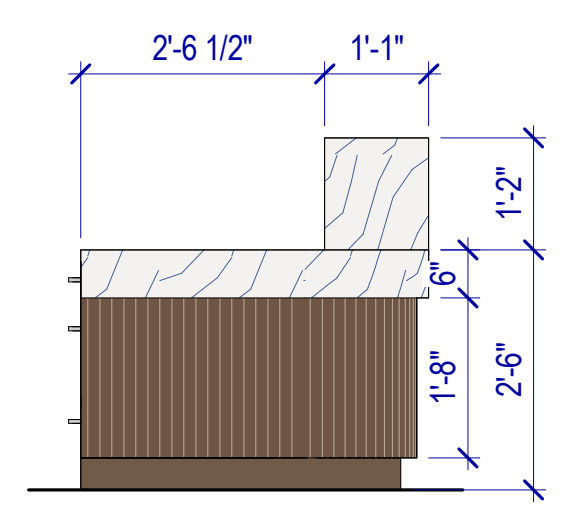
RECEPTION DESK A154 AXONOMETRIC



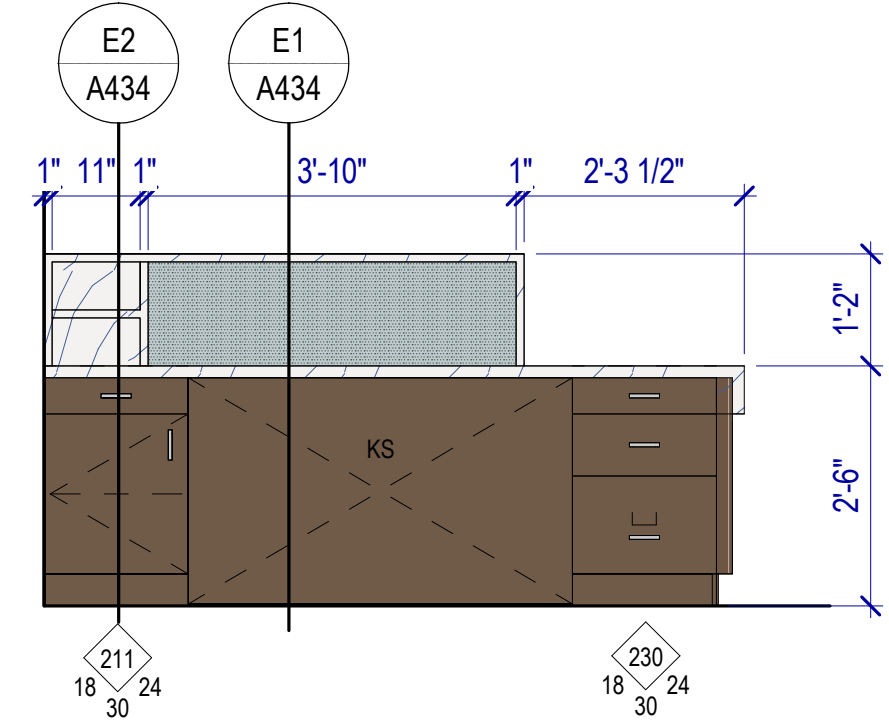
B1 RECEPTION A154 DESK
SCALE: 1/2" = 1'-0"



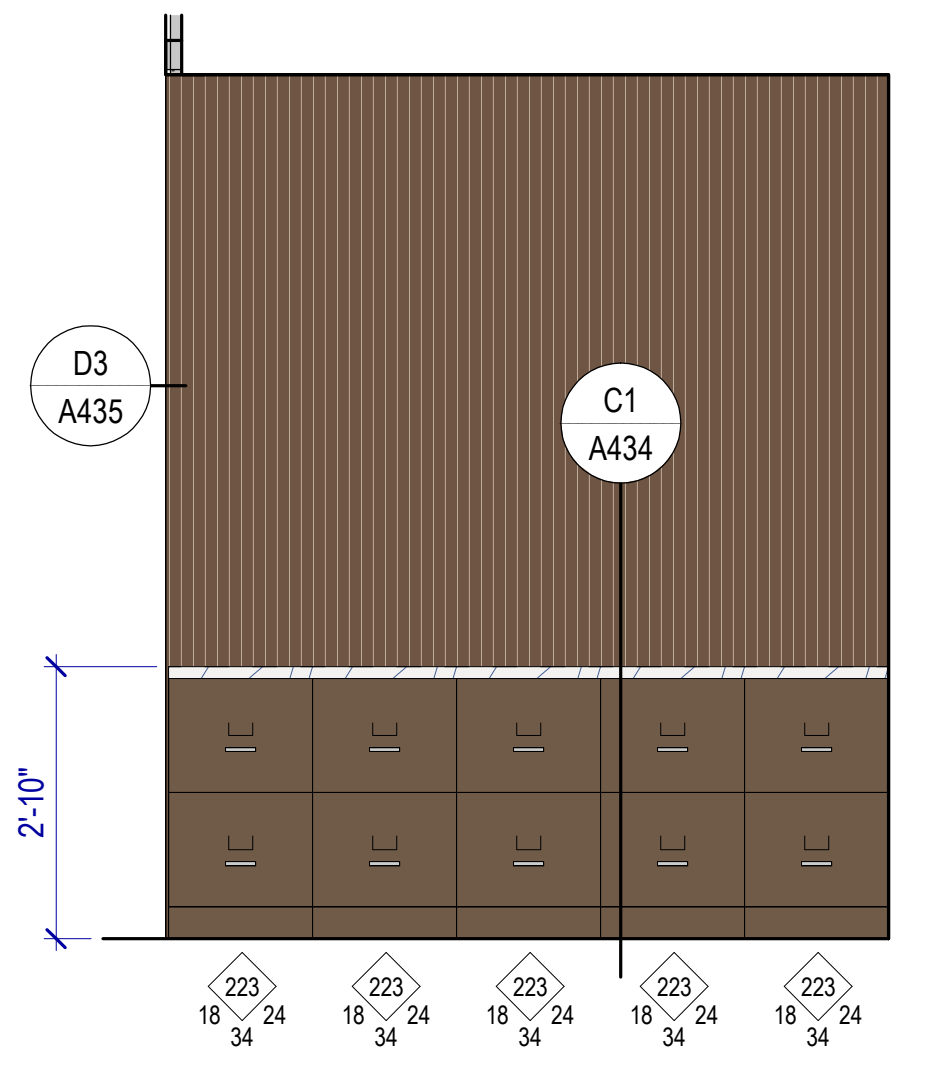
C1 RECEPTION A154 DESK - S
SCALE: 1/2" = 1'-0"



C2 RECEPTION A154 DESK - W
SCALE: 1/2" = 1'-0"

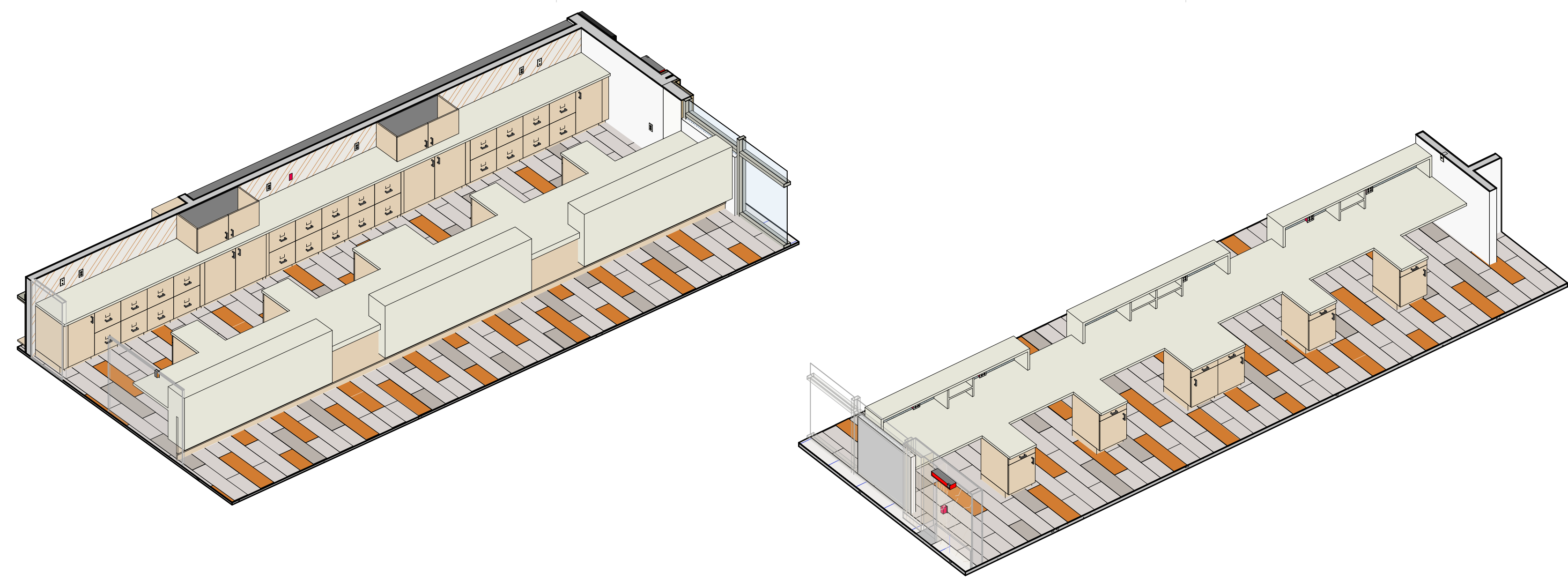


C3 RECEPTION A154 DESK - N
SCALE: 1/2" = 1'-0"

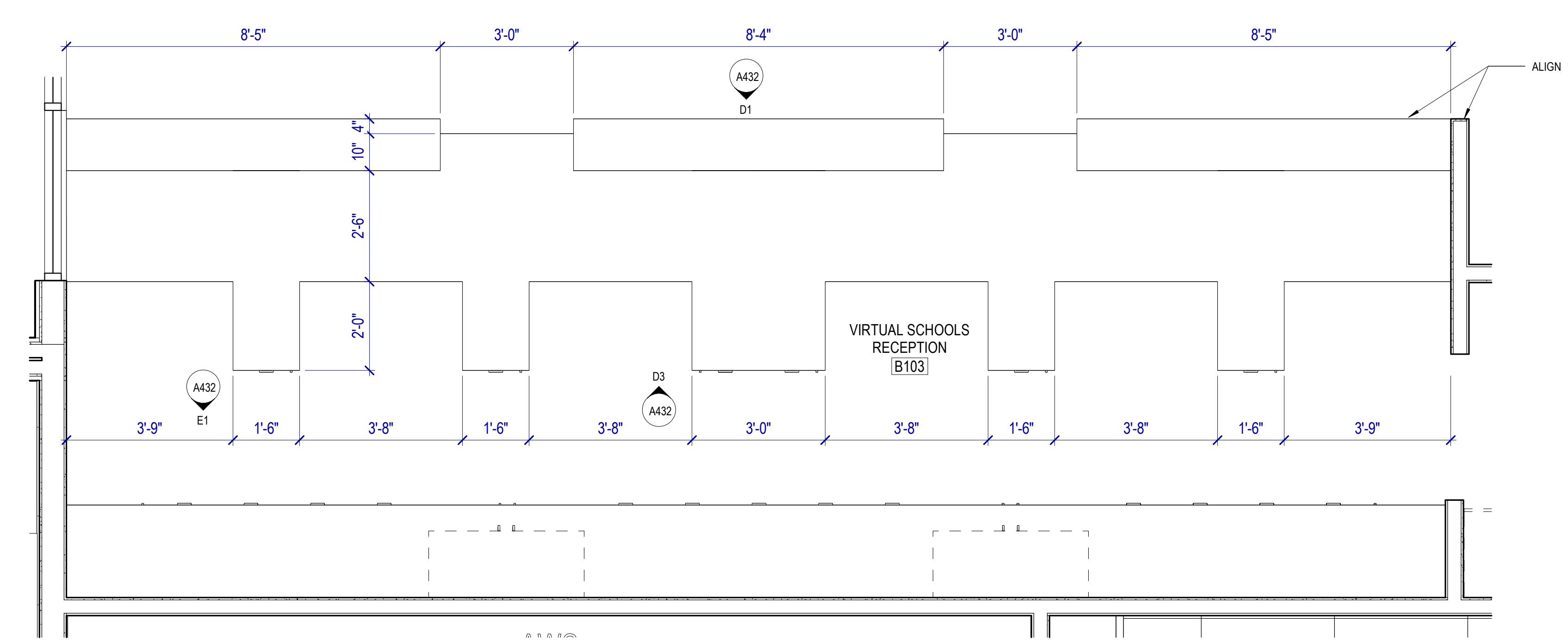


D1 RECEPTION A154 DESK BACK - S
SCALE: 1/2" = 1'-0"

Autodesk Civil3D 2024.5.28.383 - RD Retail Remodel.rvt 8/29/2024 7:53:19 AM



RECEPTION DESK AXONOMETRIC



CASEWORK GENERAL NOTES

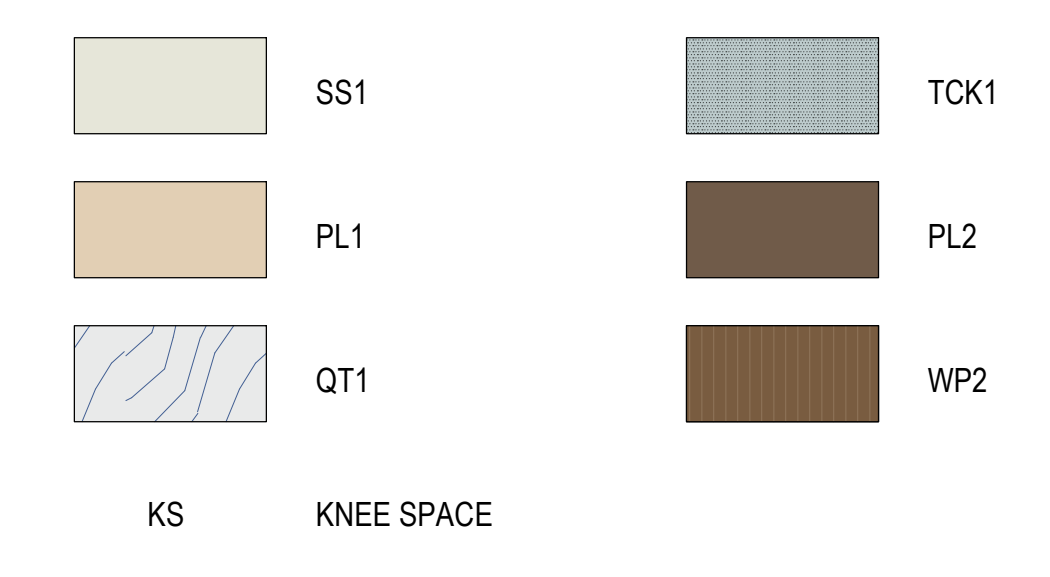
- Verify in Field (VIF):** Field verify all dimensions and conditions before fabrication.
- Upper Cabinet Clearance:** 12" minimum clear inside dimension, UNO.
- Electrical and Data Coordination:** Coordinate electrical and data device locations with millwork.
- Locks:** Provide locks on cabinet drawers and doors, keyed alike by room, UNO.
- Grommets:** Locate as directed by Owner after installation.

- Cabinet Design Series**
- Provide cabinets with integral finished ends and scribes at wall to wall installations not exceeding 1-1/2 inches in width.
 - Where cabinets meet walls or other cabinets, provide filler panels, of sufficient width, but not exceeding 1-1/2 inches, to allow doors with pulls to swing a minimum of 90 degrees and to prevent drawers from hitting adjacent door or drawer pulls.
 - Hardware and accessories shall be as provided for in these standards.

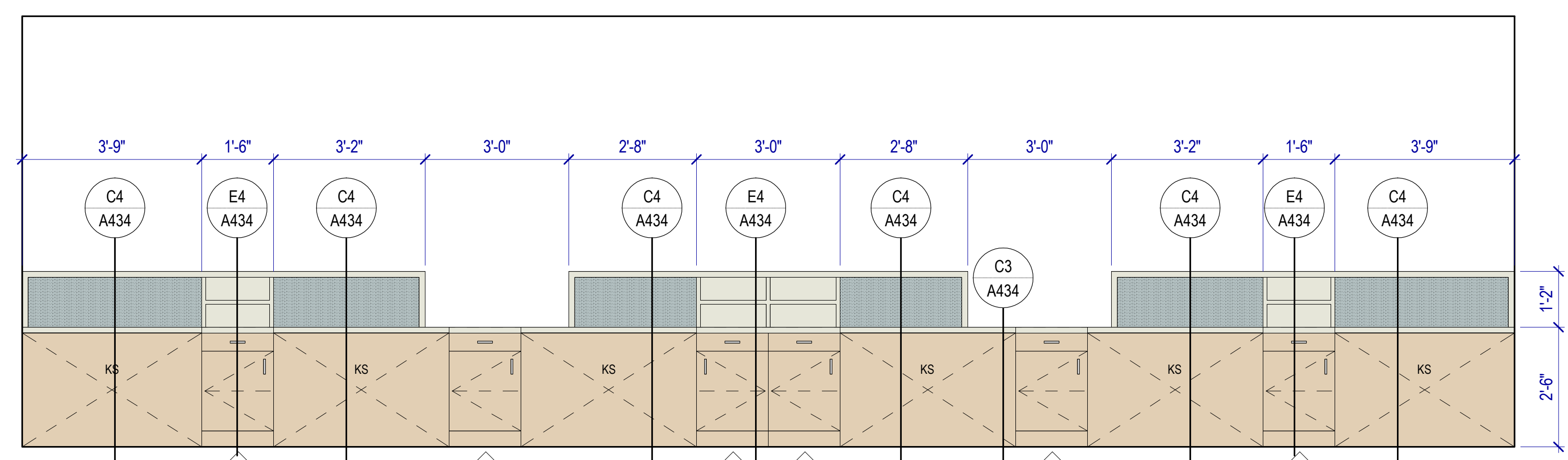
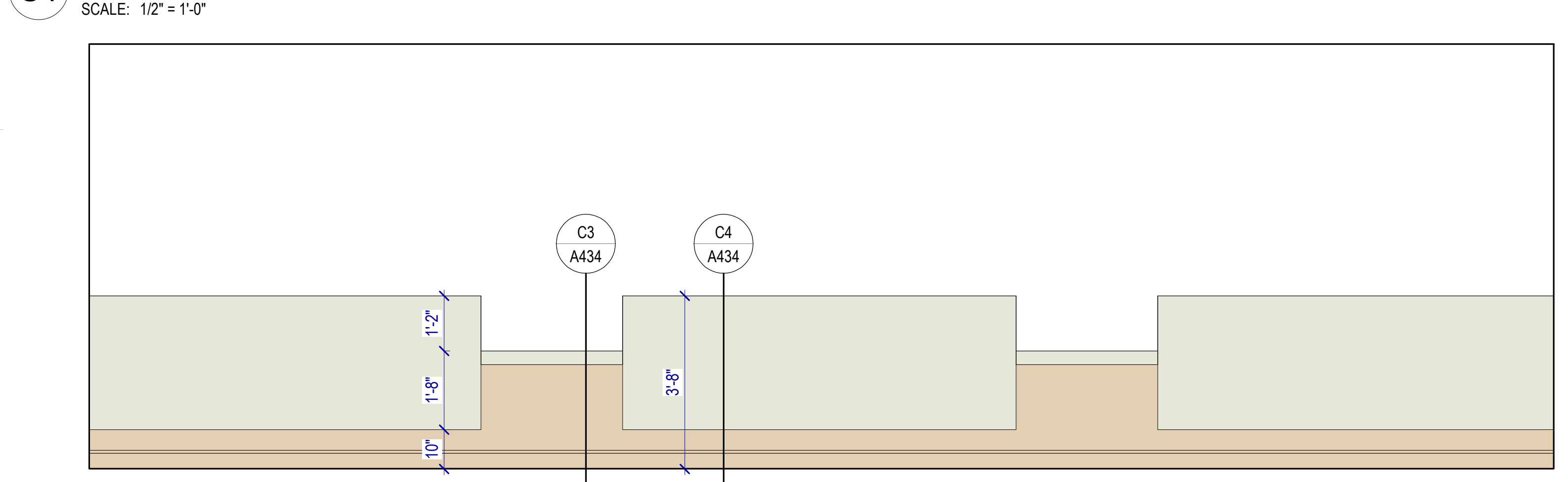
CDS are subdivided as follows:

Base Cabinets w/o Drawers	100 Series
Base Cabinets w/ Drawers	200 Series
Wall Hung Cabinets	300 Series
Tall Storage Cabinets	400 Series
Tall Wardrobe Cabinets	500 Series
Library Cabinets	600 Series
Moveable Cabinets	700 Series

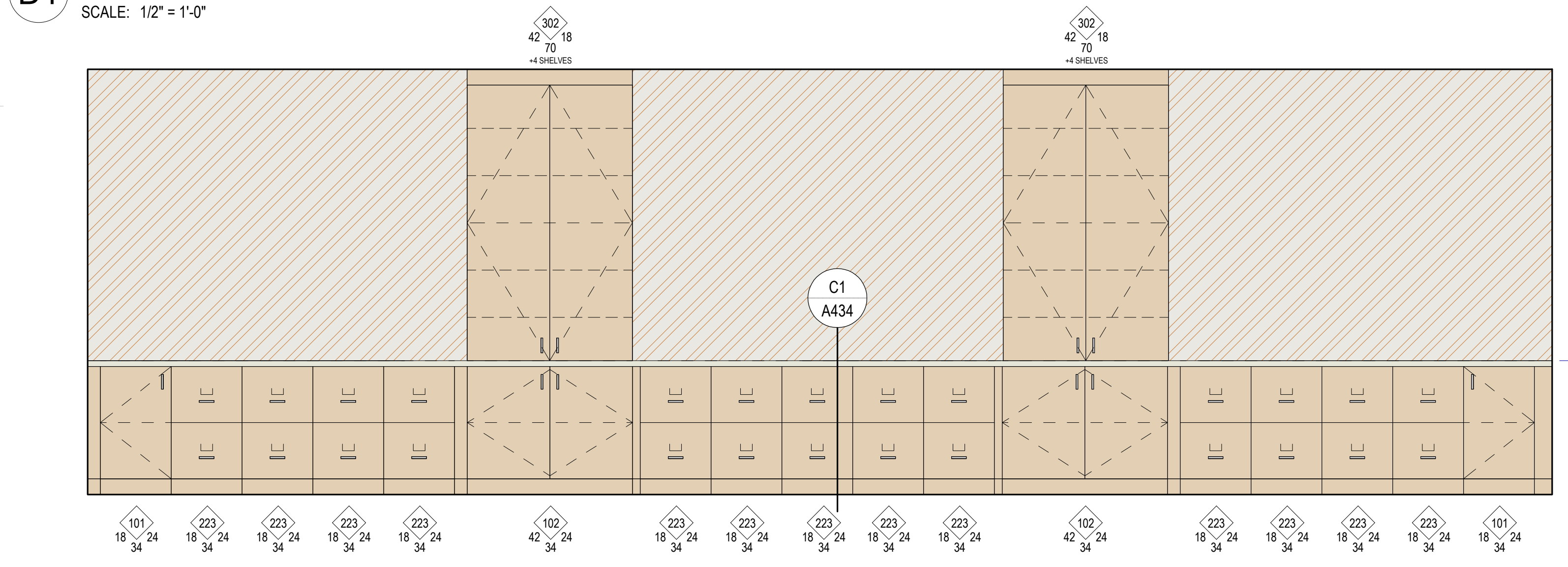
- General Notes**
- 100 or 200 Series cabinets may be converted into moveable cabinets by prefixing a "7" to the number. (Example: 7-102-36"x 30"x 18" [7-102-914 mm x 762 mm x 457 mm]).
 - Moveable cabinets shall be equipped with adequate approved casters for the intended load capacity.
 - CDS #s 728, 729, 735, 736, 737, 738, and 739 require metal angle reinforced corners.
 - Carts and rolling tall storage cabinets with doors, lacking any horizontal and/or vertical stabilizing dividers, require a diaphragm bottom; specifically CDS #s 702, 712, 716, 722, 743, 744, 746, 747, 750, and 751.
 - Wardrobe cabinets (500 Series) with doors require a framed mirror on one door, and cabinets # 533 and 534 require a paper roller/cutter and slide out tilting paper shelves.
 - Cart storage cabinets are required to have hardwood side guides, specifically CDS #s 160, 161, and 162.
 - Ceramics drying cabinets are required to have galvanized metal frame shelves with wire mesh, specifically CDS #s 198 199, and 459.
 - File drawers require full extension slides and a file hanging system, specifically CDS #s 223, 224, 230, 231, 240, 242, 253, 255, 531, 532, and 533.
 - Wardrobe cabinets are required to have a shelf, pole, and framed mirror (without pin tray) when closed with hinged doors, specifically CDS #s 501, 511, 512, 522, 530, 531, 532, and 552.
 - Wardrobe cabinets are required to have a roll paper dispenser/cutter, specifically CDS #s 533 and 534.



C1 VIRTUAL SCHOOL RECEPTION DESK



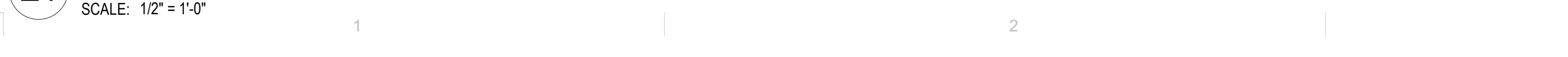
D1 RECEPTION DESK ELEVATION



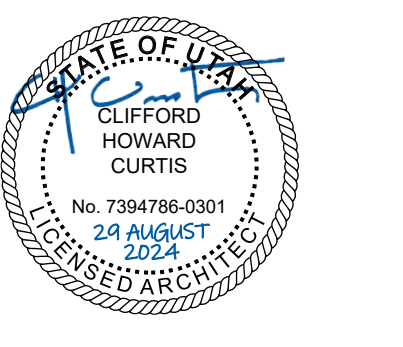
D3 RECEPTION DESK ELEVATION



E1 VS RECEPTION DESK BACK WALL



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MHTN PROJECT NO: 2024528

Original Drawing is 36 x 42. Do not scale contents of this drawing.

REVISIONS:
CONTRACTOR TO VERIFY DIMENSIONS IN FIELD USE REFLECT LAST REVISION DATE.

NO.	DATE	DESCRIPTION

ISSUE:
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME:
CASEWORK DETAILS

SHEET NUMBER:
A432

CASEWORK GENERAL NOTES

Verify in Field (VIF): Field verify all dimensions and conditions before fabrication.

Upper Cabinet Clearance: 12" minimum clear inside dimension, UNO.

Electrical and Data Coordination: Coordinate electrical and data device locations with millwork.

Locks: Provide locks on cabinet drawers and doors, keyed alike by room, UNO.

Grommets: Locate as directed by Owner after installation.

Cabinet Design Series

- Provide cabinets with integral finished ends and scribes at wall to wall installations not exceeding 1-1/2 inches in width.
- Where cabinets meet walls or other cabinets, provide filler panels, of sufficient width, but not exceeding 1-1/2 inches, to allow doors with pulls to swing a minimum of 90 degrees and to prevent drawers from hitting adjacent door or drawer pulls.
- Hardware and accessories shall be as provided for in these standards.

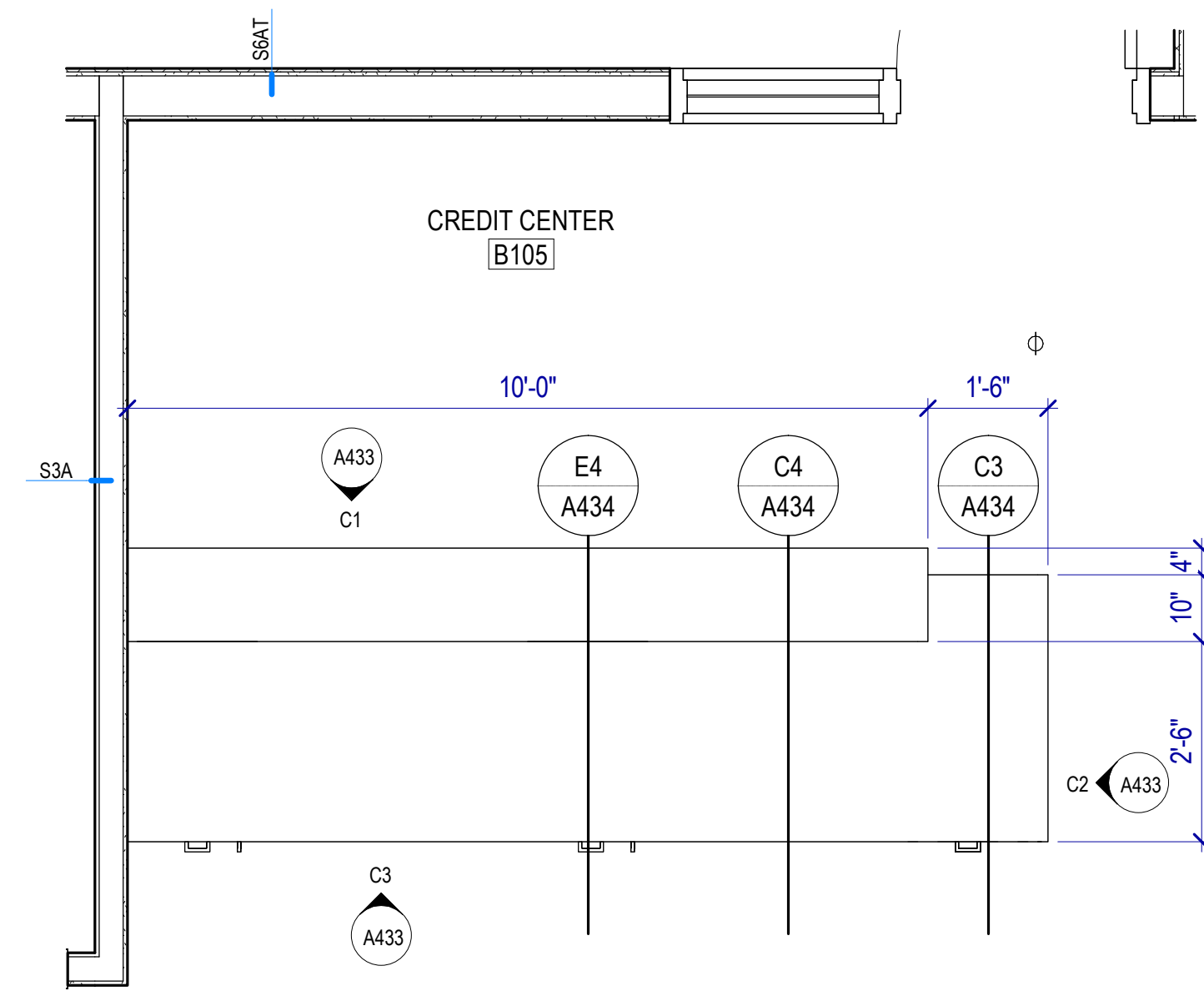
CDS are subdivided as follows:

Base Cabinets w/o Drawers	100 Series
Base Cabinets w/ Drawers	200 Series
Wall Hung Cabinets	300 Series
Tall Storage Cabinets	400 Series
Tall Wardrobe Cabinets	500 Series
Library Cabinets	600 Series
Moveable Cabinets	700 Series

General Notes

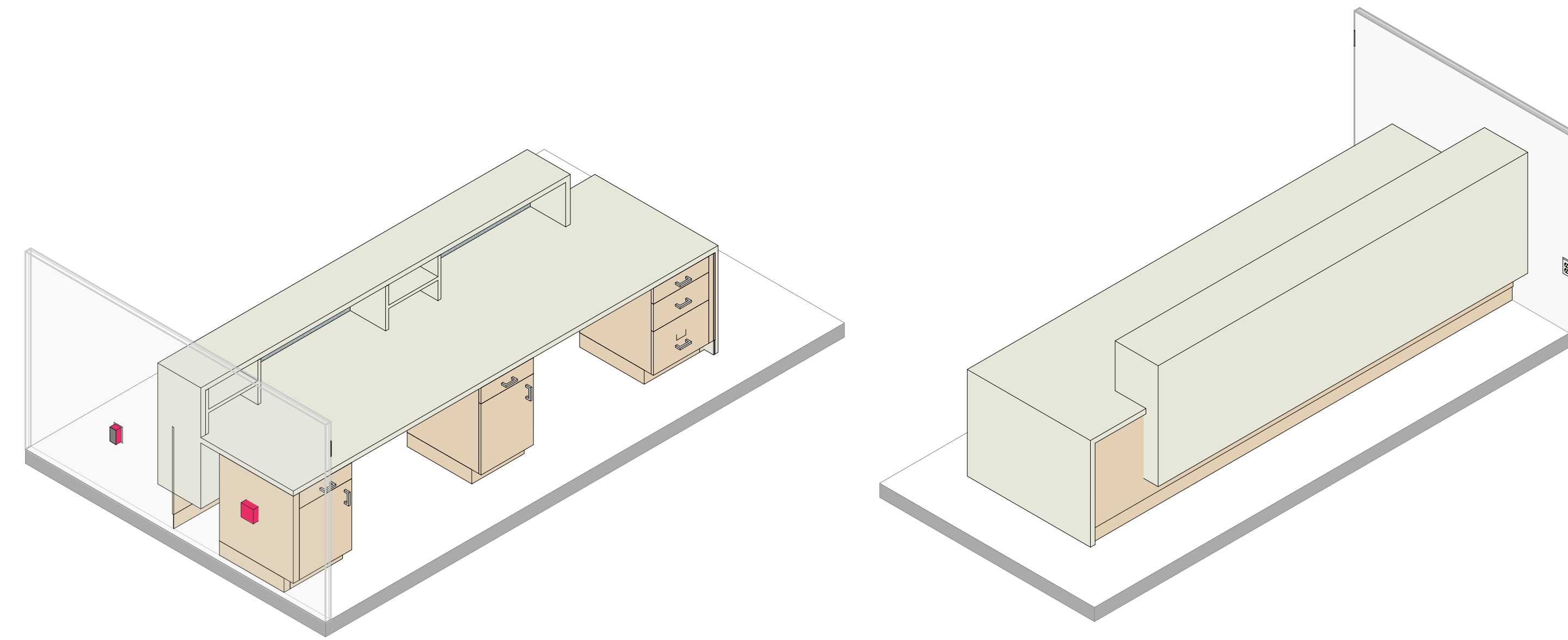
- 100 or 200 Series cabinets may be converted into moveable cabinets by prefixing a "7" to the number. (Example: 7-102-36"x 30"x 18" [7-102-914 mm x 762 mm x 457 mm]).
- Moveable cabinets shall be equipped with adequate approved casters for the intended load capacity.
- CDS #s 728, 729, 735, 736, 737, 738, and 739 require metal angle reinforced corners.
- Carts and rolling tall storage cabinets with doors, lacking any horizontal and/or vertical stabilizing dividers, require a diaphragm bottom, specifically CDS #'s 702, 712, 716, 722, 743, 744, 746, 747, 750, and 751.
- Wardrobe cabinets (500 Series) with doors require a framed mirror on one door, and cabinets # 533 and 534 require a paper roller/cutter and slide out tilting paper shelves.
- Cart storage cabinets are required to have hardwood side guides, specifically CDS #'s 160, 161, and 162.
- Ceramics drying cabinets are required to have galvanized metal frame shelves with wire mesh, specifically CDS #'s 158, 159, and 459.
- File drawers require full extension slides and a file hanging system, specifically CDS #'s 223, 224, 230, 231, 240, 242, 253, 255, 531, 532, and 533.
- Wardrobe cabinets are required to have a shelf, pole, and framed mirror (without pin tray) when closed with hinged doors, specifically CDS #'s 501, 511, 512, 522, 530, 531, 532, and 552.
- Wardrobe cabinets are required to have a roll paper dispenser/cutter, specifically CDS #'s 533 and 534.

	SS1		TCK1
	PL1		PL2
	QT1		WP2
	KS	KNEE SPACE	

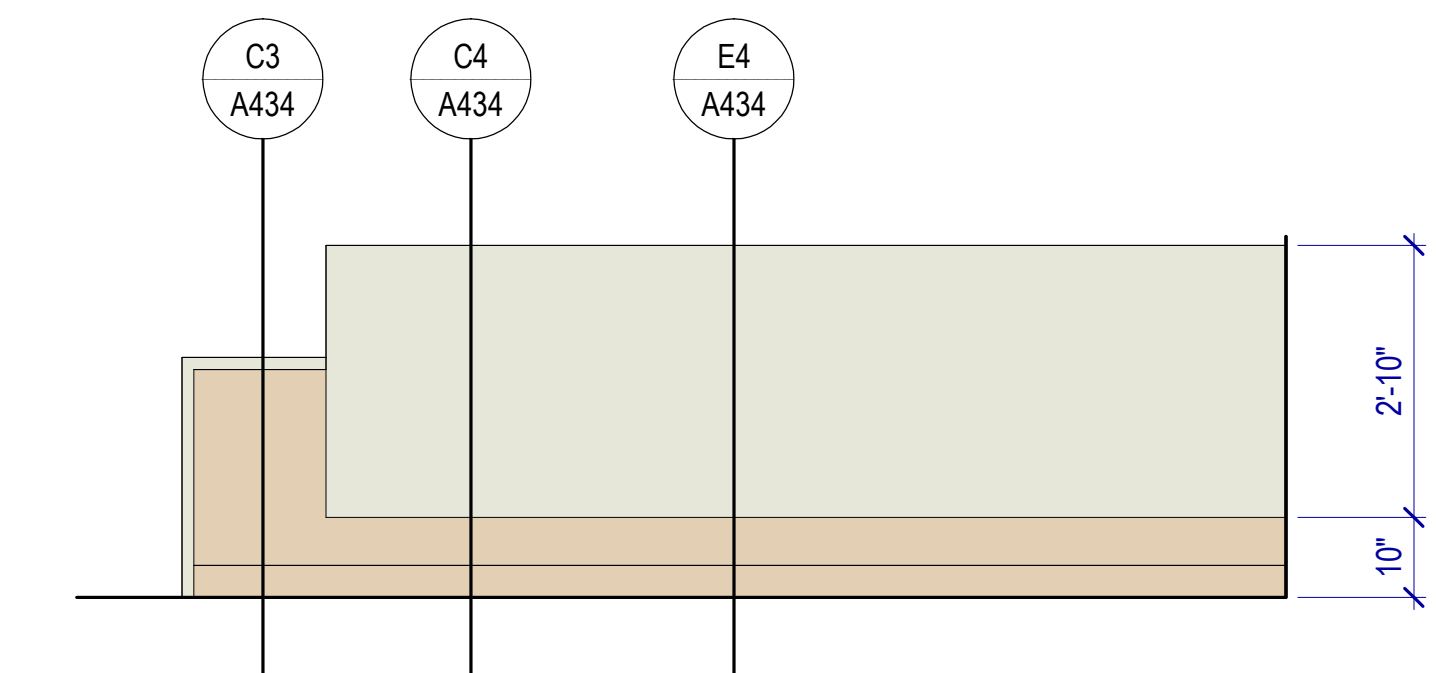


B1 RECEPTION DESK B105

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

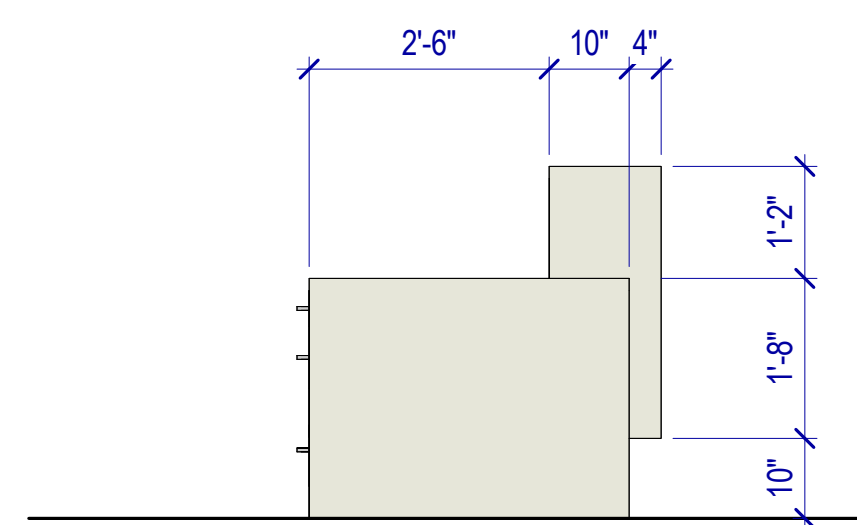


RECEPTION DESK B105 AXONOMETRIC



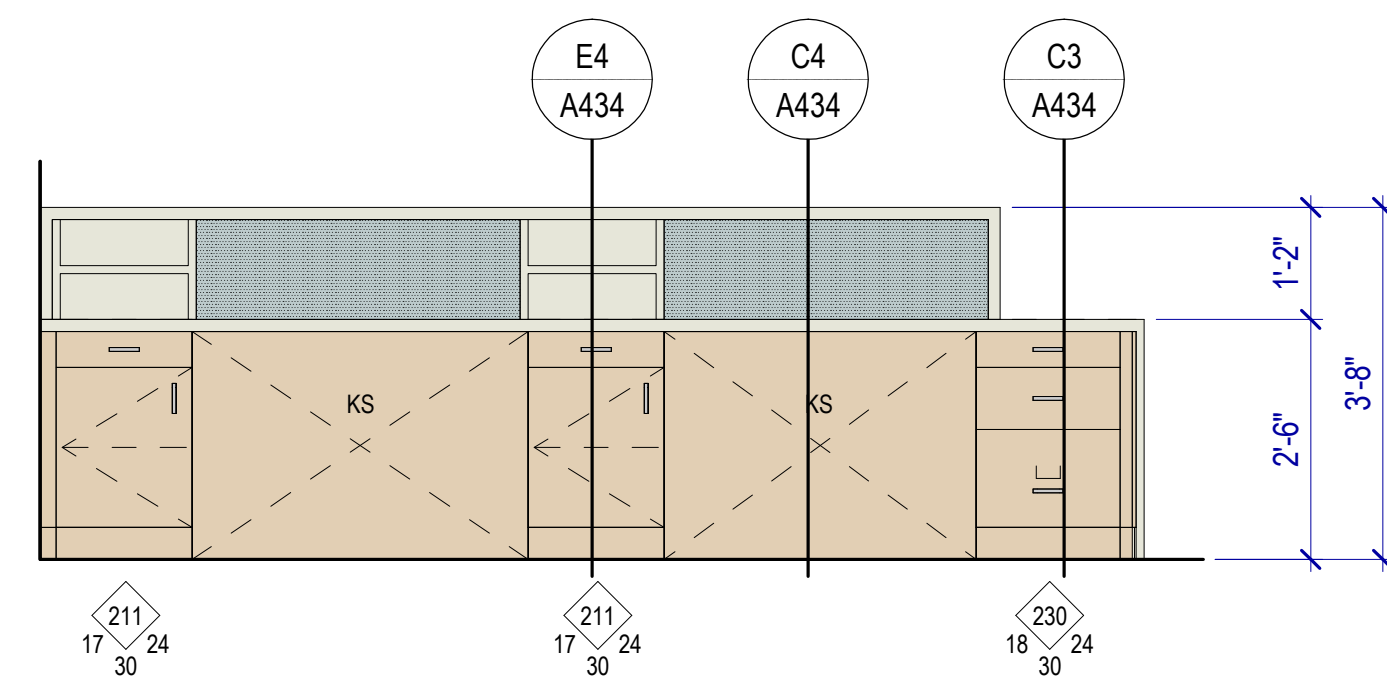
C1 RECEPTION B105 DESK - N

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



C2 RECEPTION B105 DESK - E

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

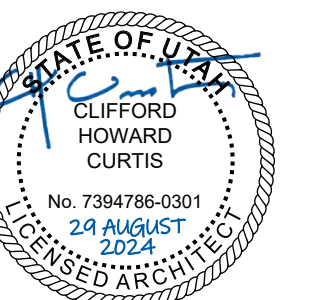


C3 RECEPTION B105 DESK - S

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

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MHTN PROJECT NO. 2024528

Original Drawing is 30" x 42". Do not scale contents of this drawing.

REVISIONS:
CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE.

NO.	DATE	DESCRIPTION

ISSUE:
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME:
CASEWORK DETAILS

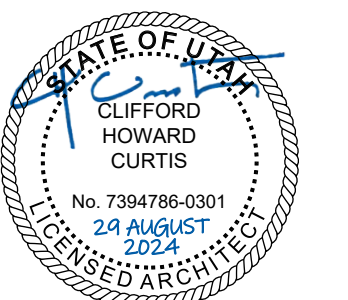
SHEET NUMBER:

A433



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MHTN PROJECT NO. 2024528

Original drawing is 30 x 42. Do not scale contents of this drawing.

REVISIONS:
CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT
LAST REVISION DATE

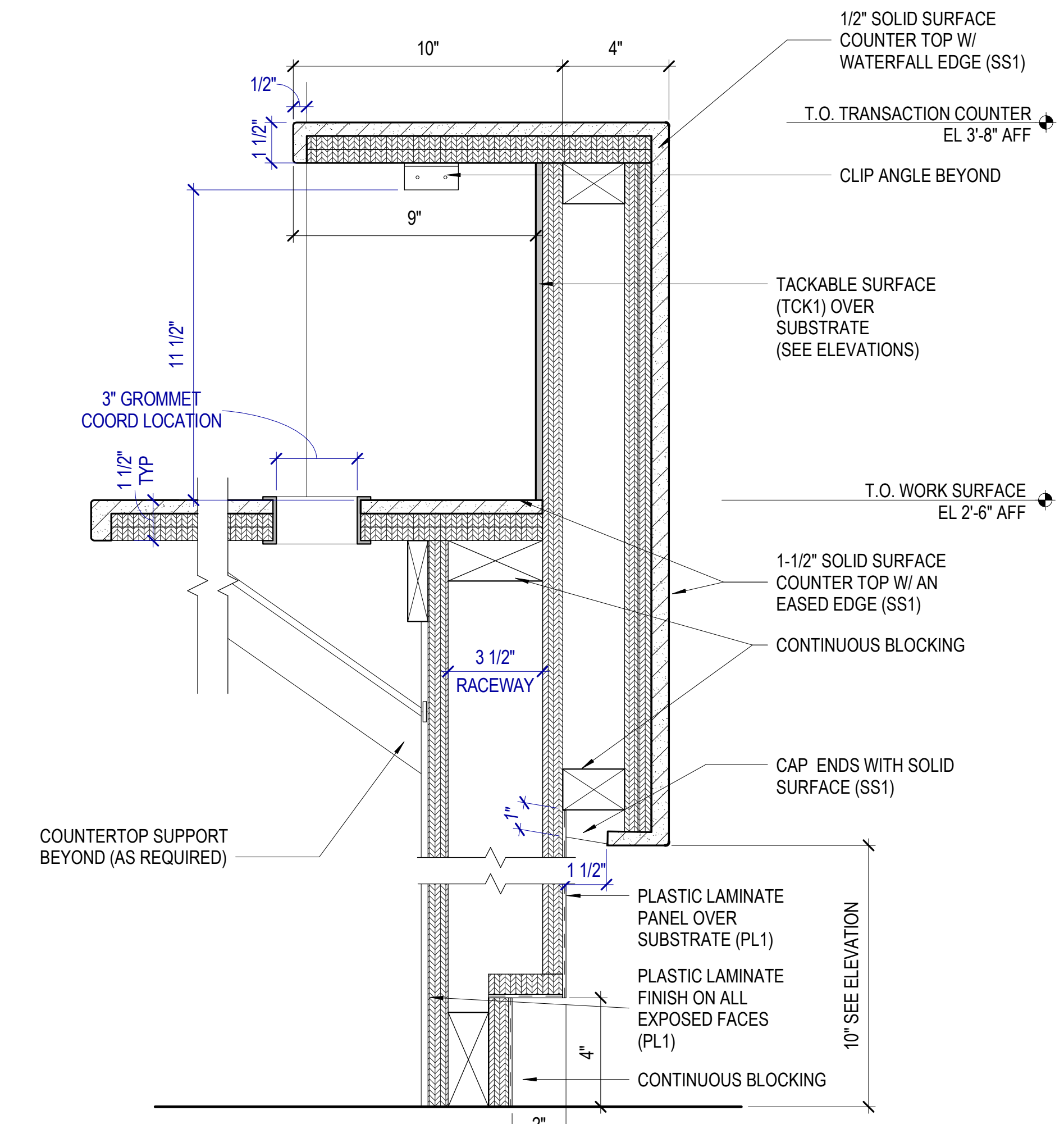
NO.	DATE	DESCRIPTION

ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

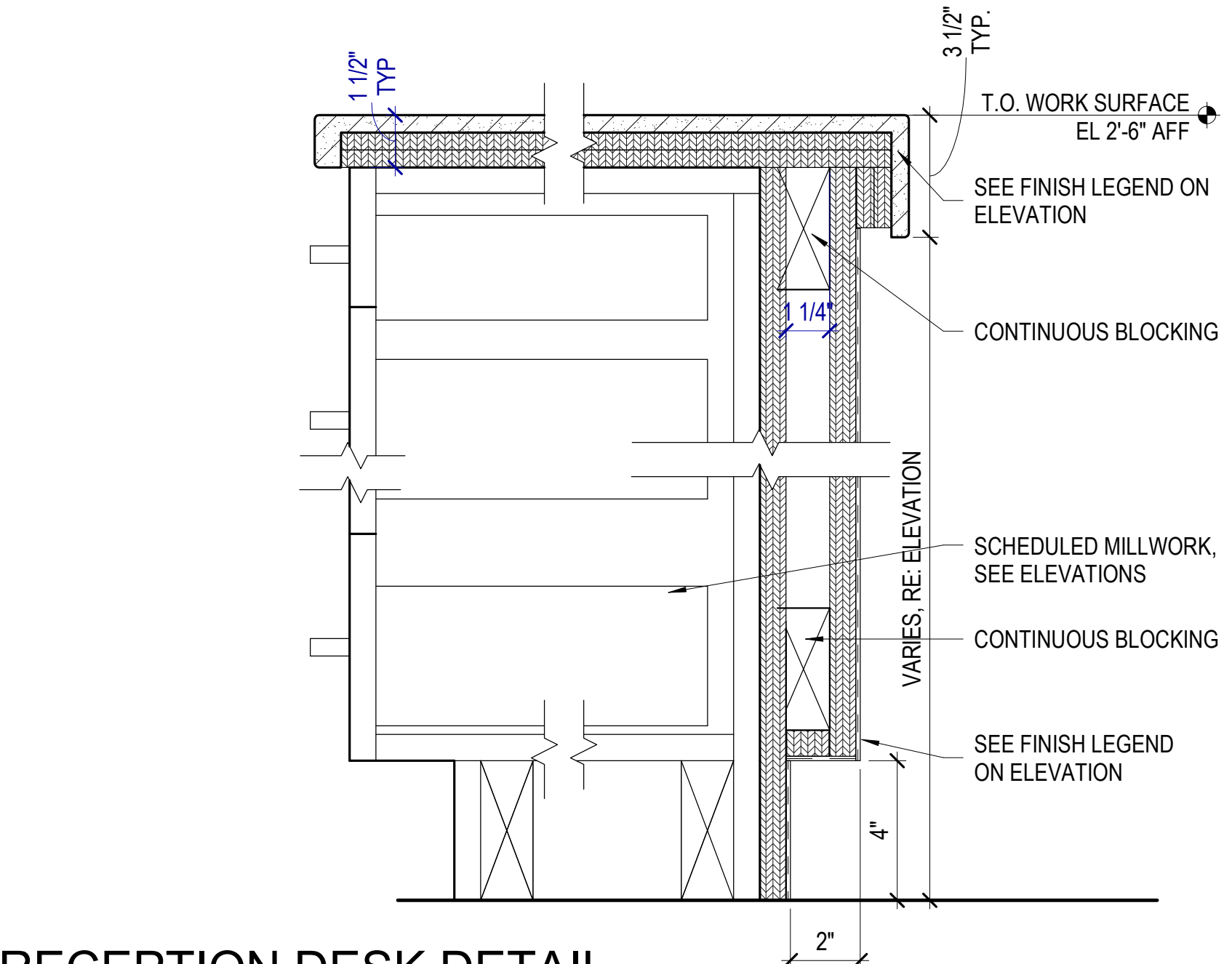
SHEET NAME
CASEWORK
DETAILS

SHEET NUMBER

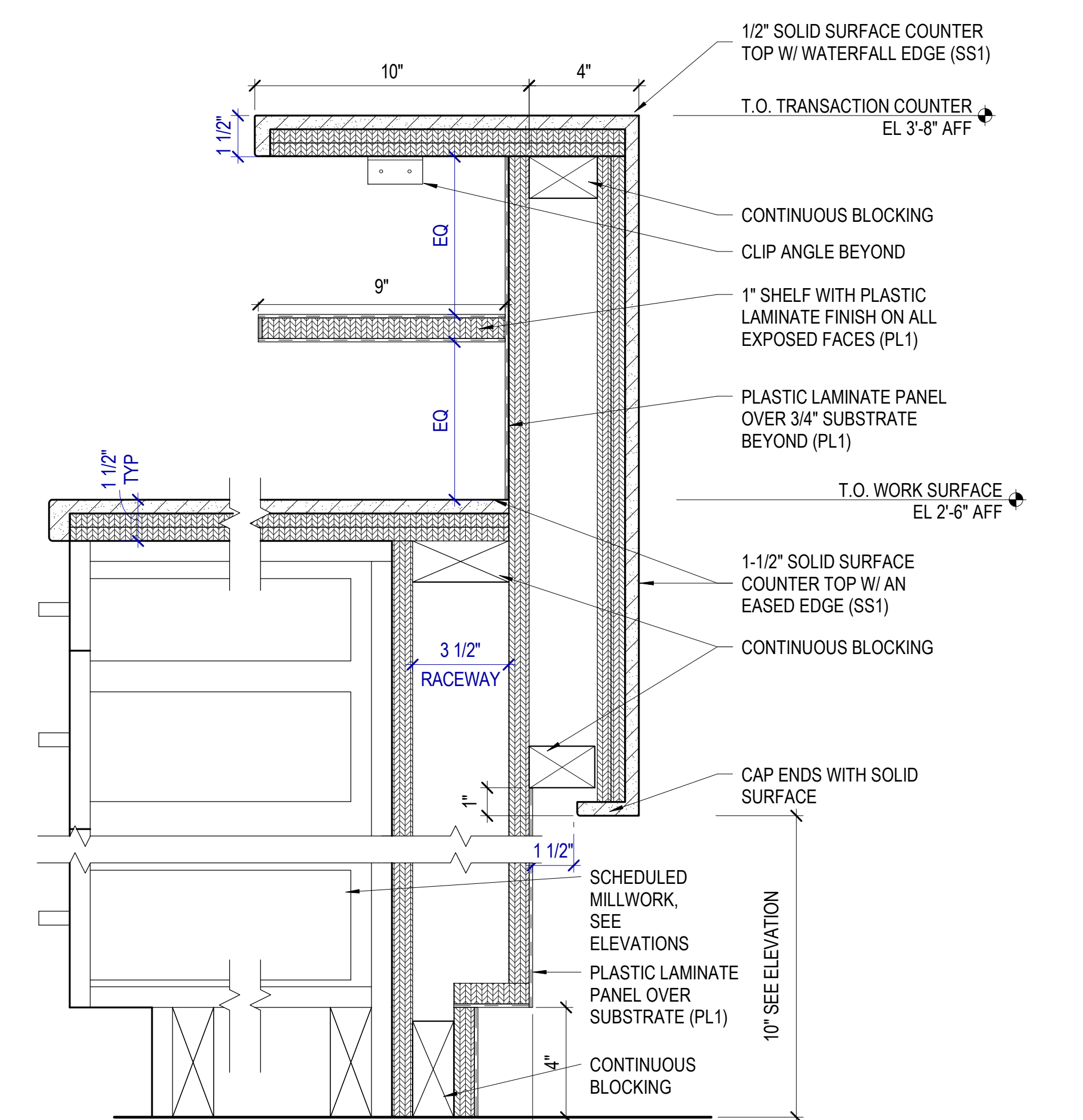
A434



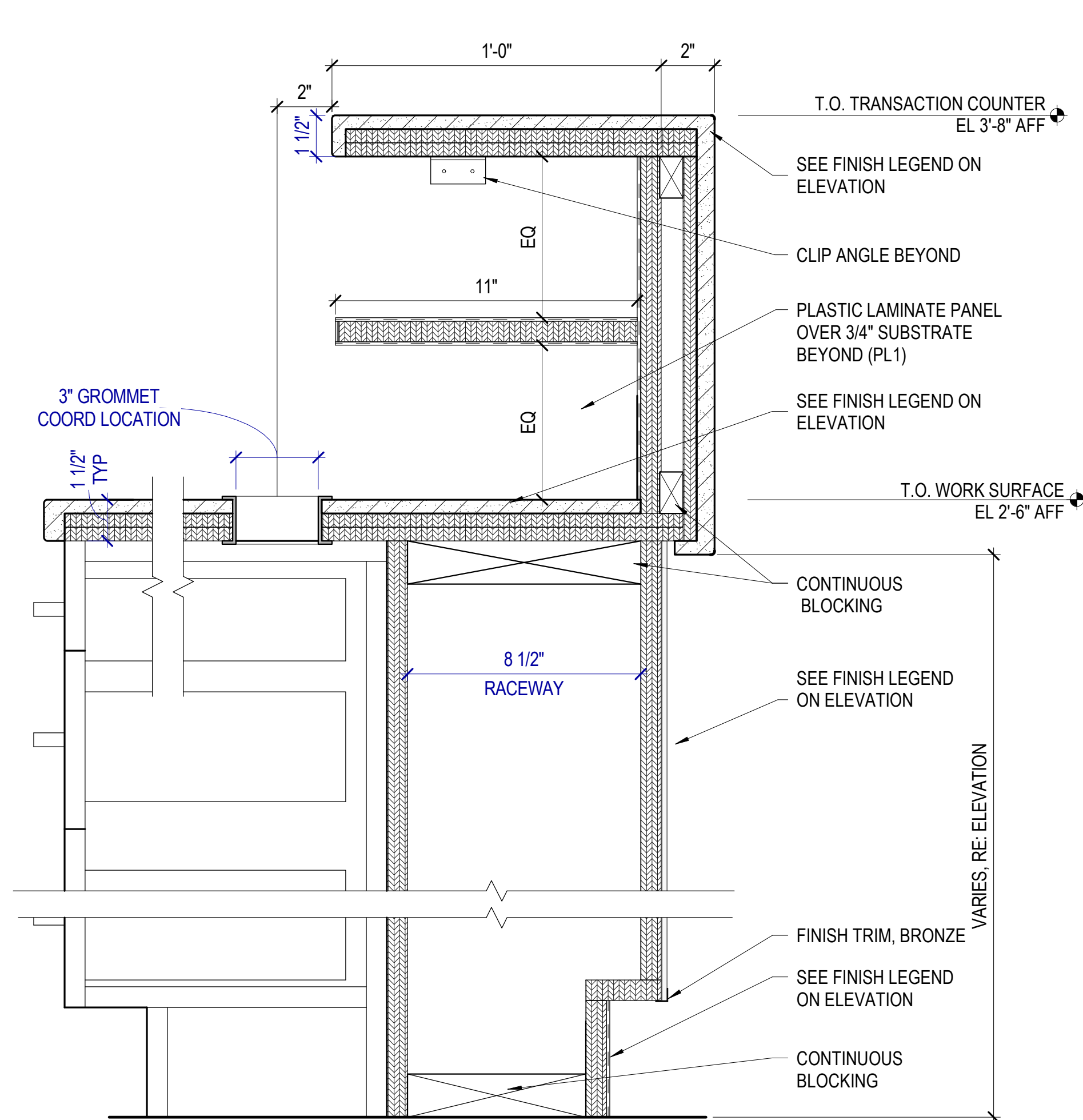
C4 RECEPTION DESK DETAIL
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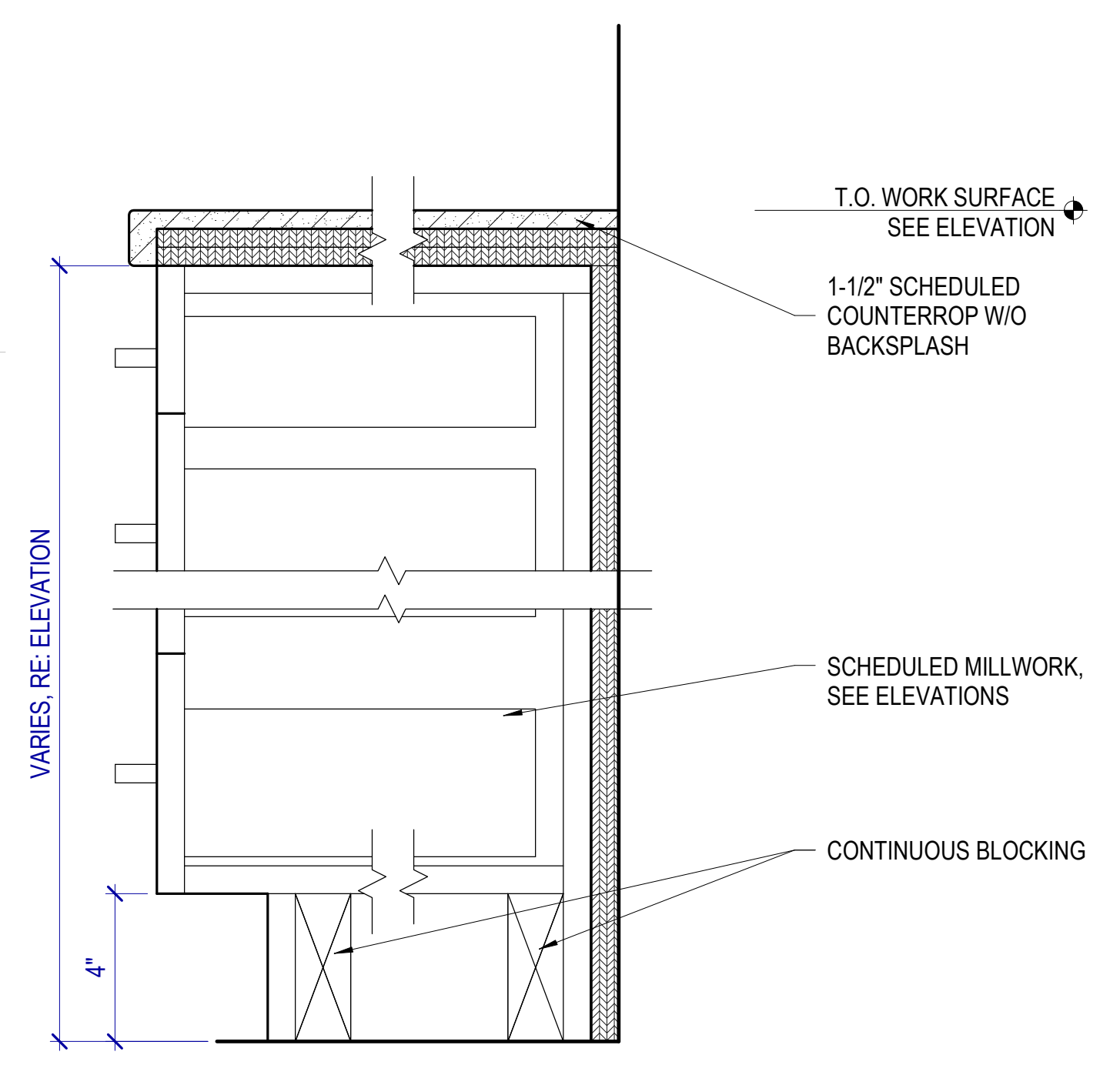
C3 RECEPTION DESK DETAIL
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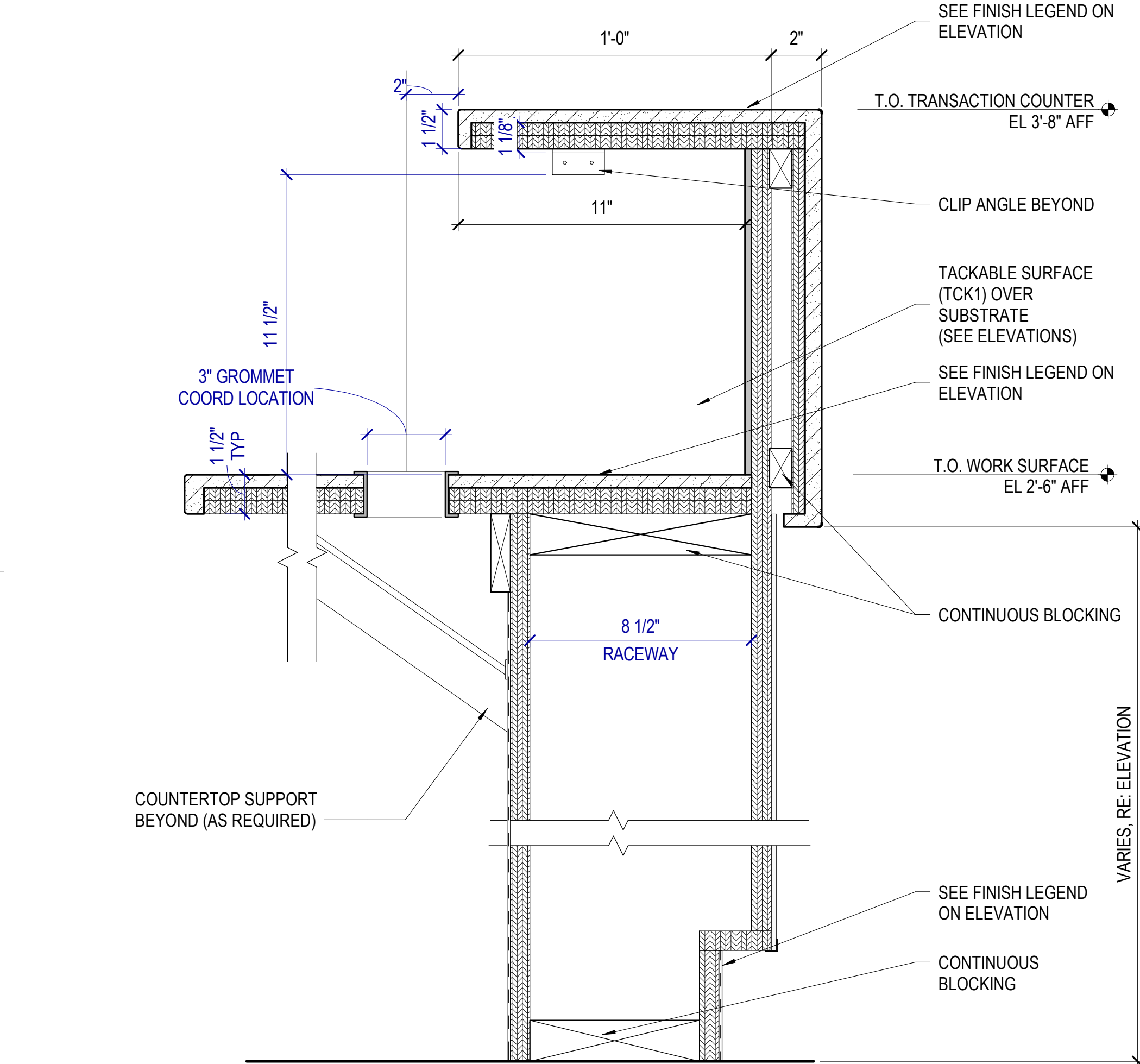
E4 RECEPTION DESK DETAIL
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E2 RECEPTION DESK DETAIL
SCALE: 3" = 1'-0"

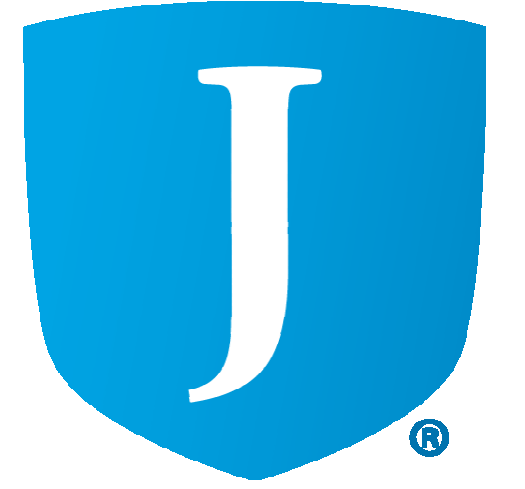


C1 RECEPTION DESK DETAIL
SCALE: 3" = 1'-0"



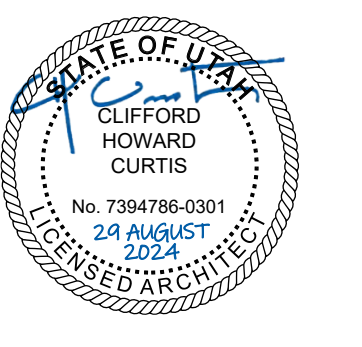
E1 RECEPTION DESK DETAIL
SCALE: 3" = 1'-0"

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MHTN PROJECT NO. 2024528

Original drawing is 36" x 42". Do not scale contents of this drawing.

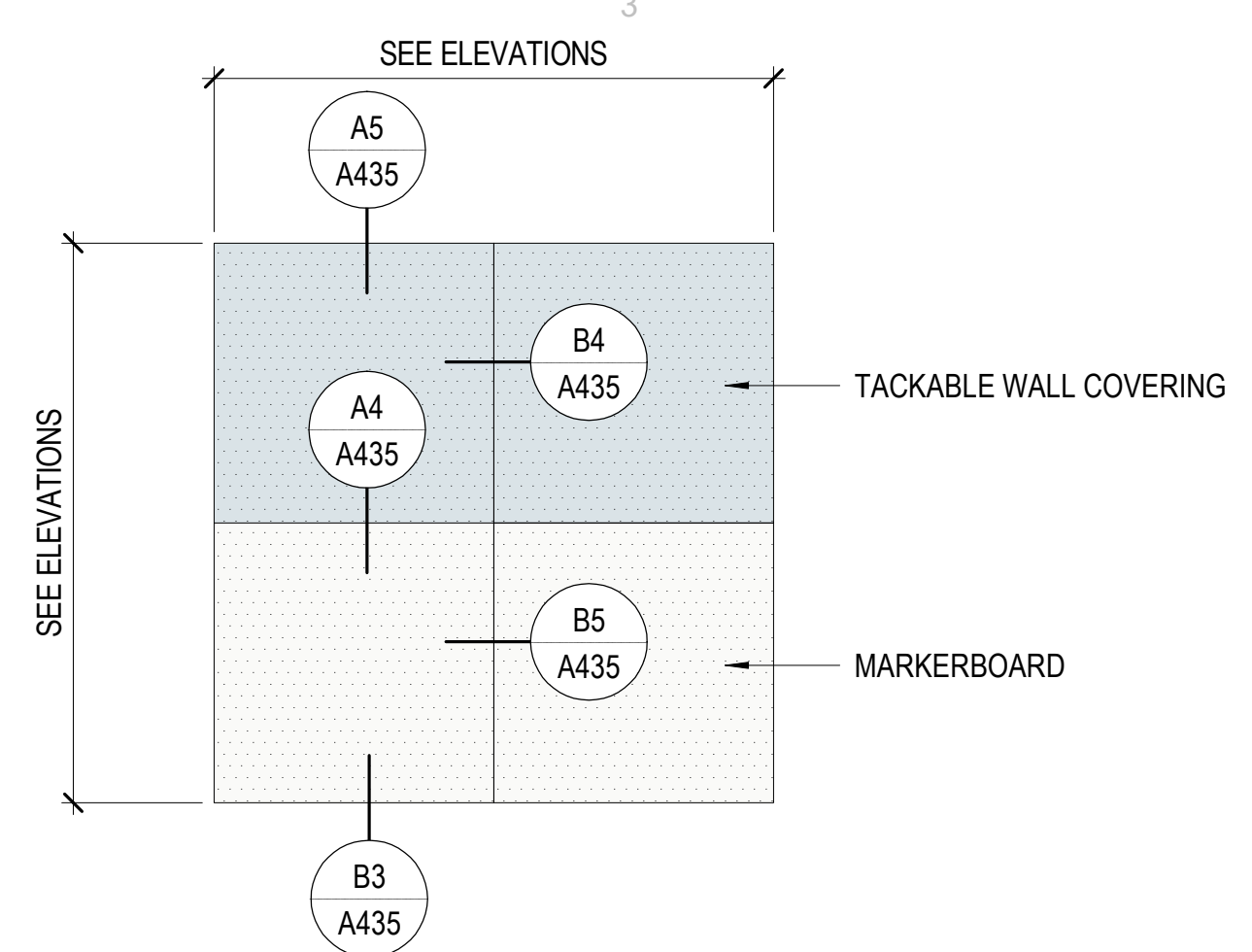
REVISIONS		
NO.	DATE	DESCRIPTION

ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

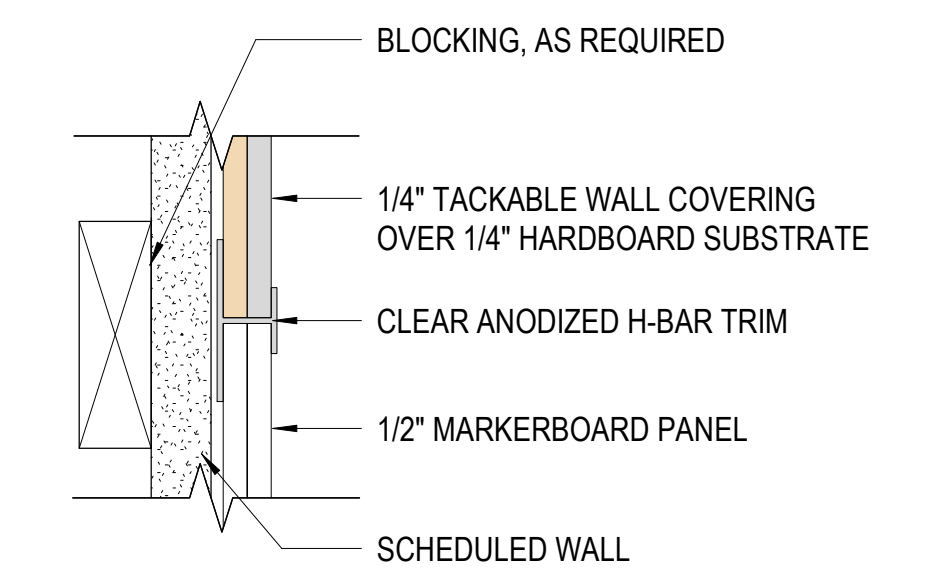
SHEET NAME
INTERIOR DETAILS

SHEET NUMBER

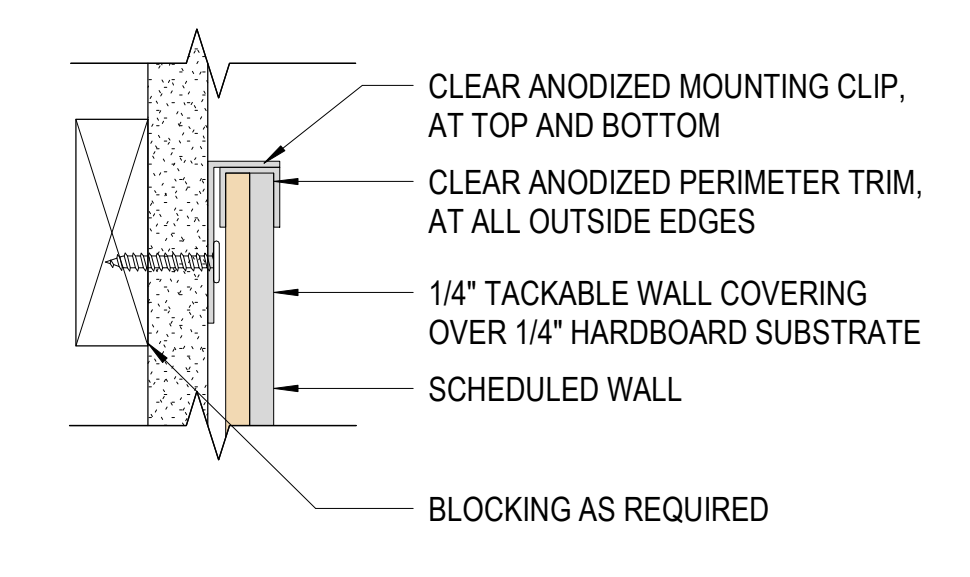
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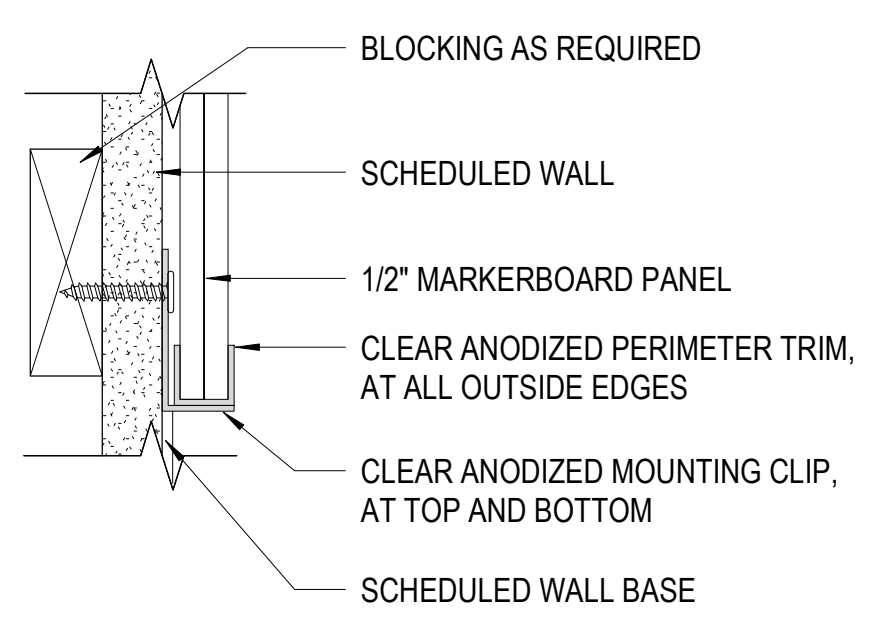
A3 MARKERBOARD/TACKBOARD DETAIL
SCALE: 1/4" = 1'-0"



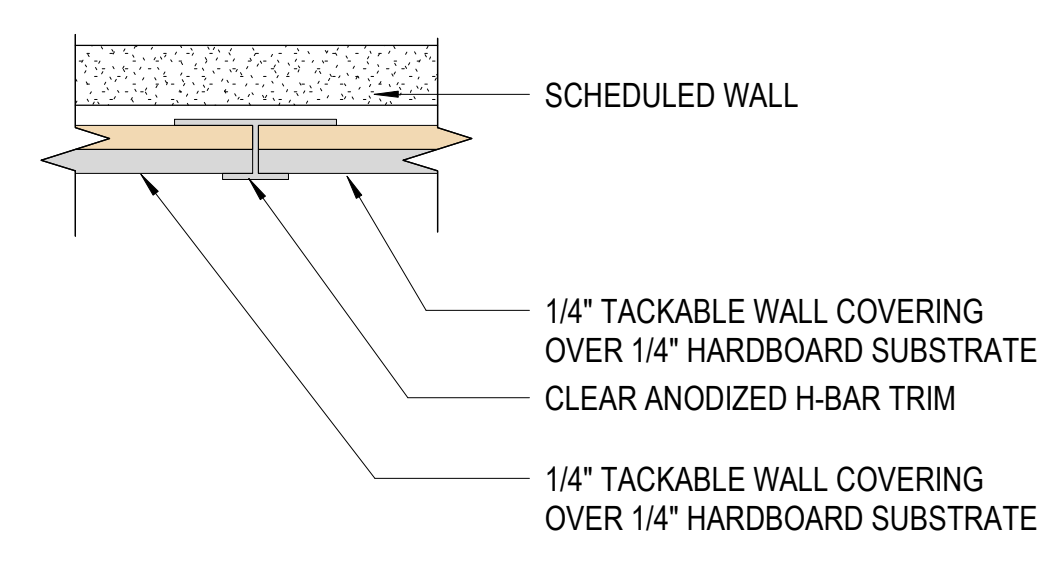
A4 DETAIL
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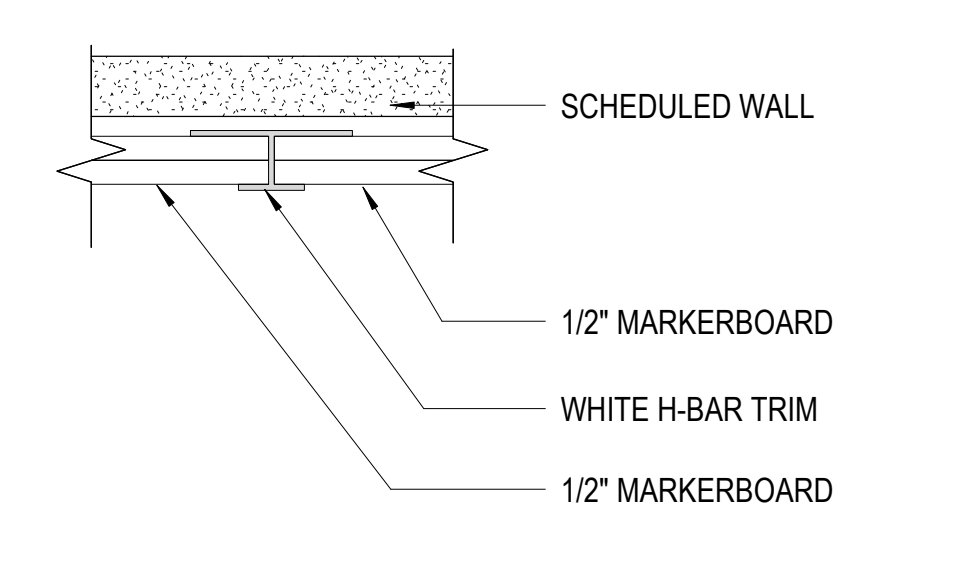
A5 DETAIL
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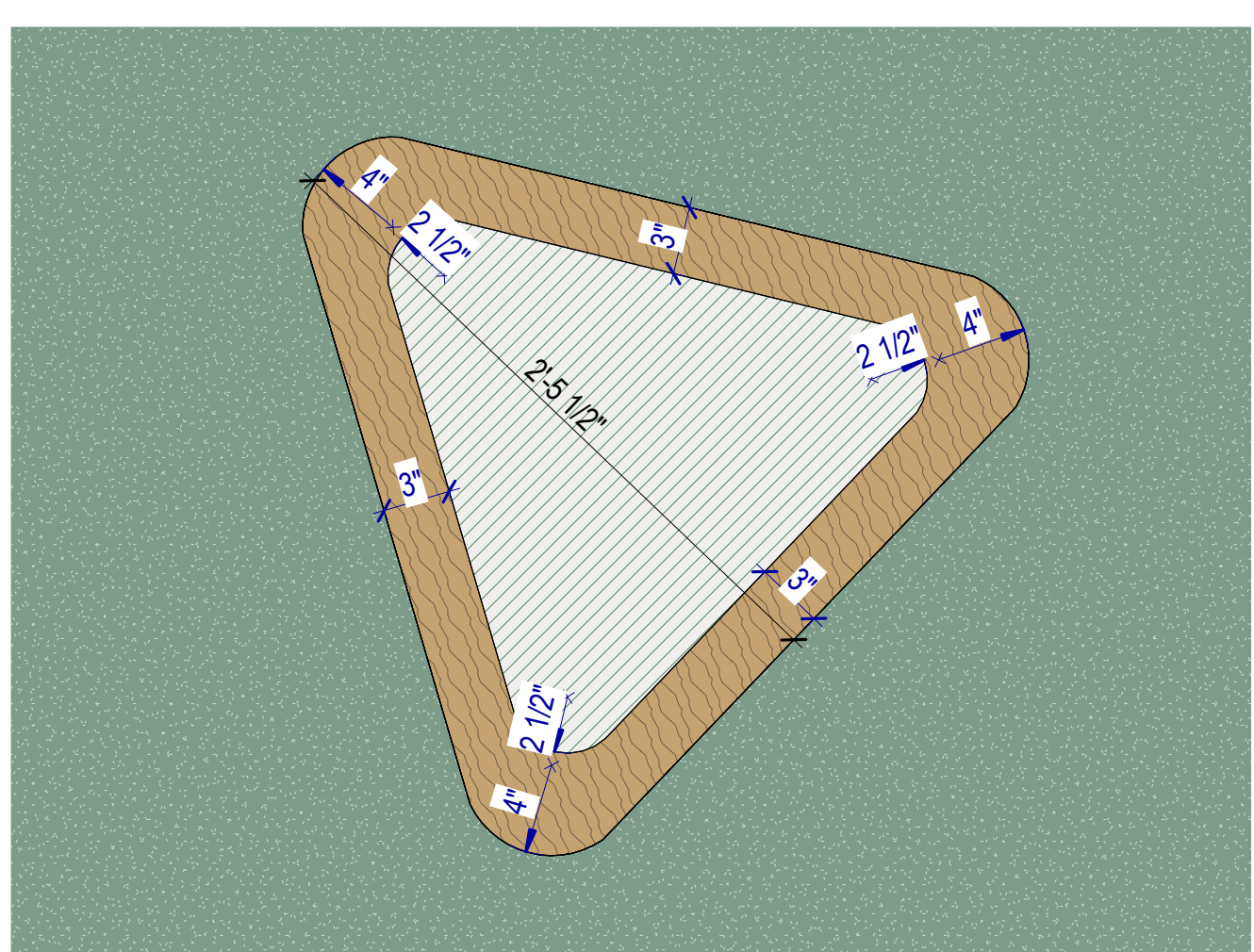
B3 DETAIL
SCALE: 6" = 1'-0"



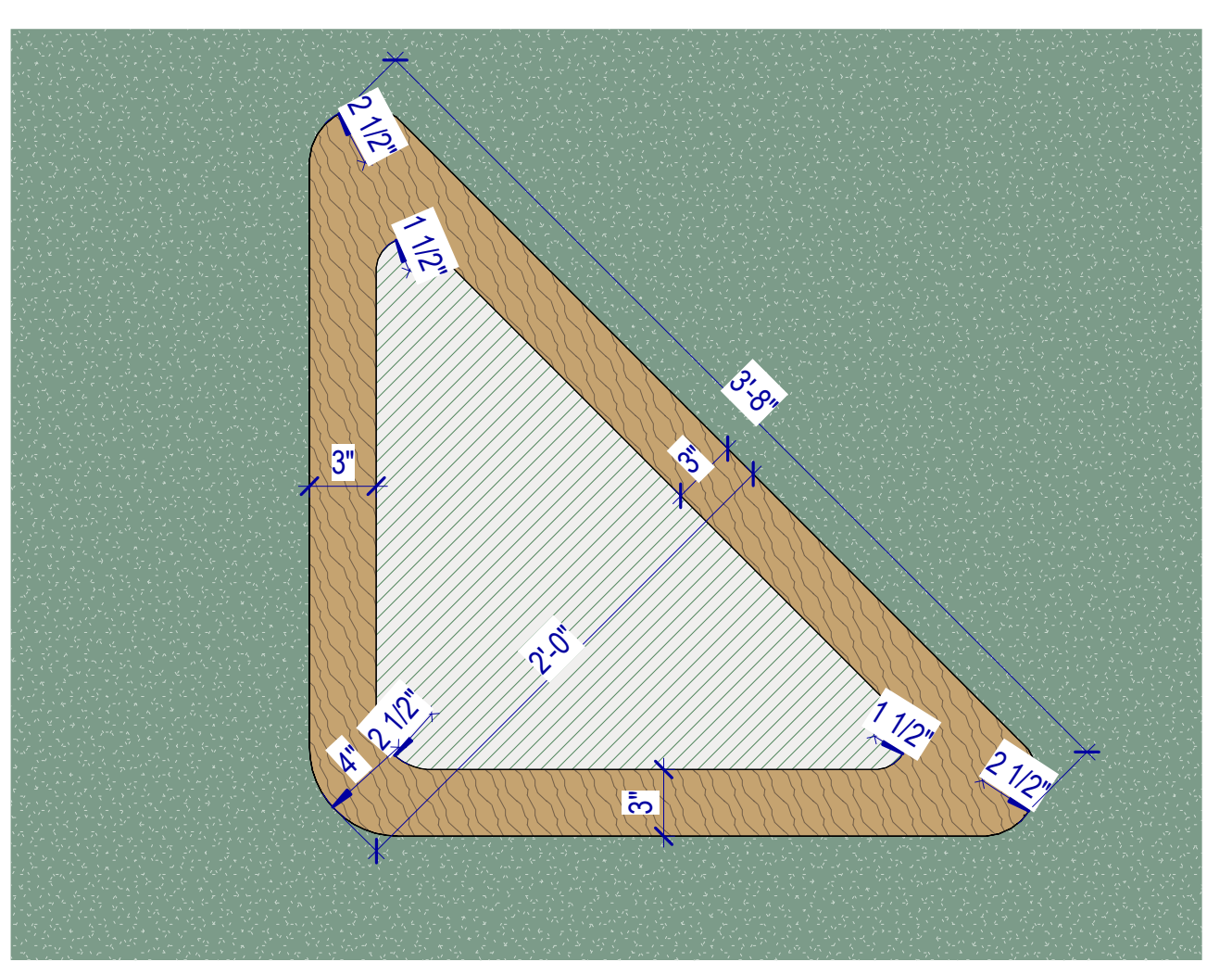
B4 DETAIL
SCALE: 6" = 1'-0"



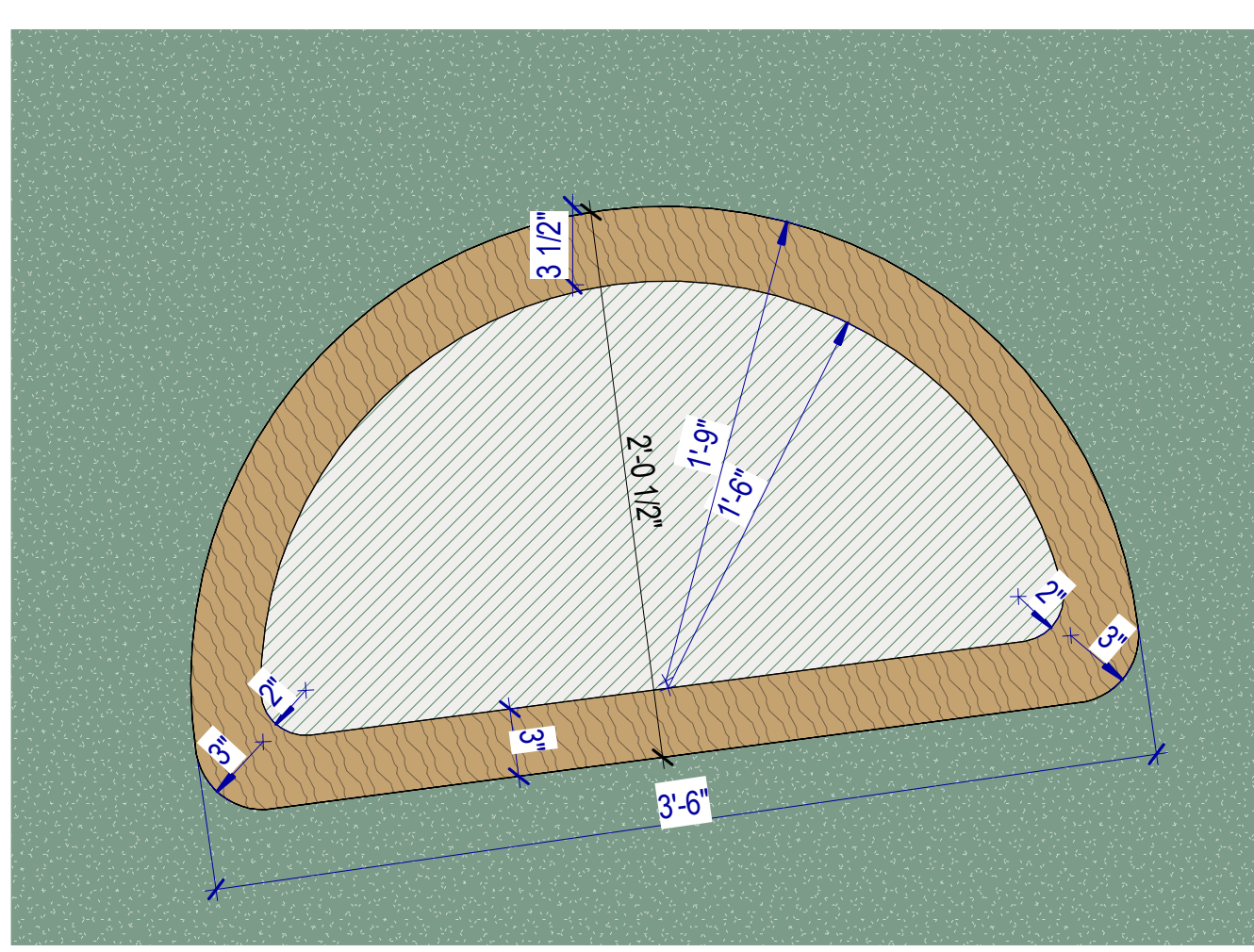
B5 DETAIL
SCALE: 6" = 1'-0"



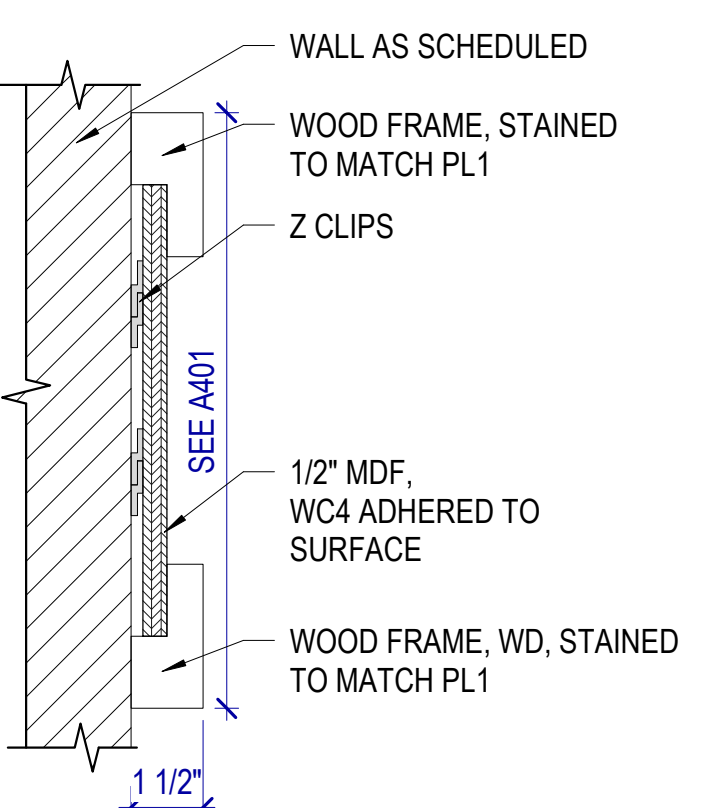
C1 CUSTOM FRAME DETAIL
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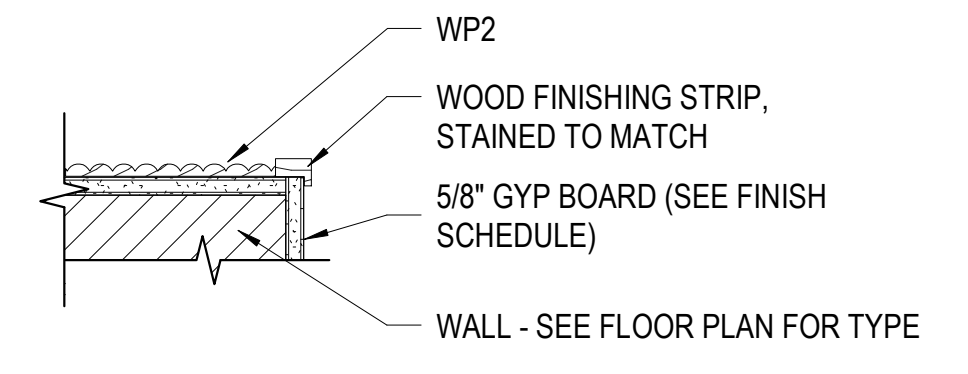
D1 CUSTOM FRAME DETAIL
SCALE: 1 1/2" = 1'-0"



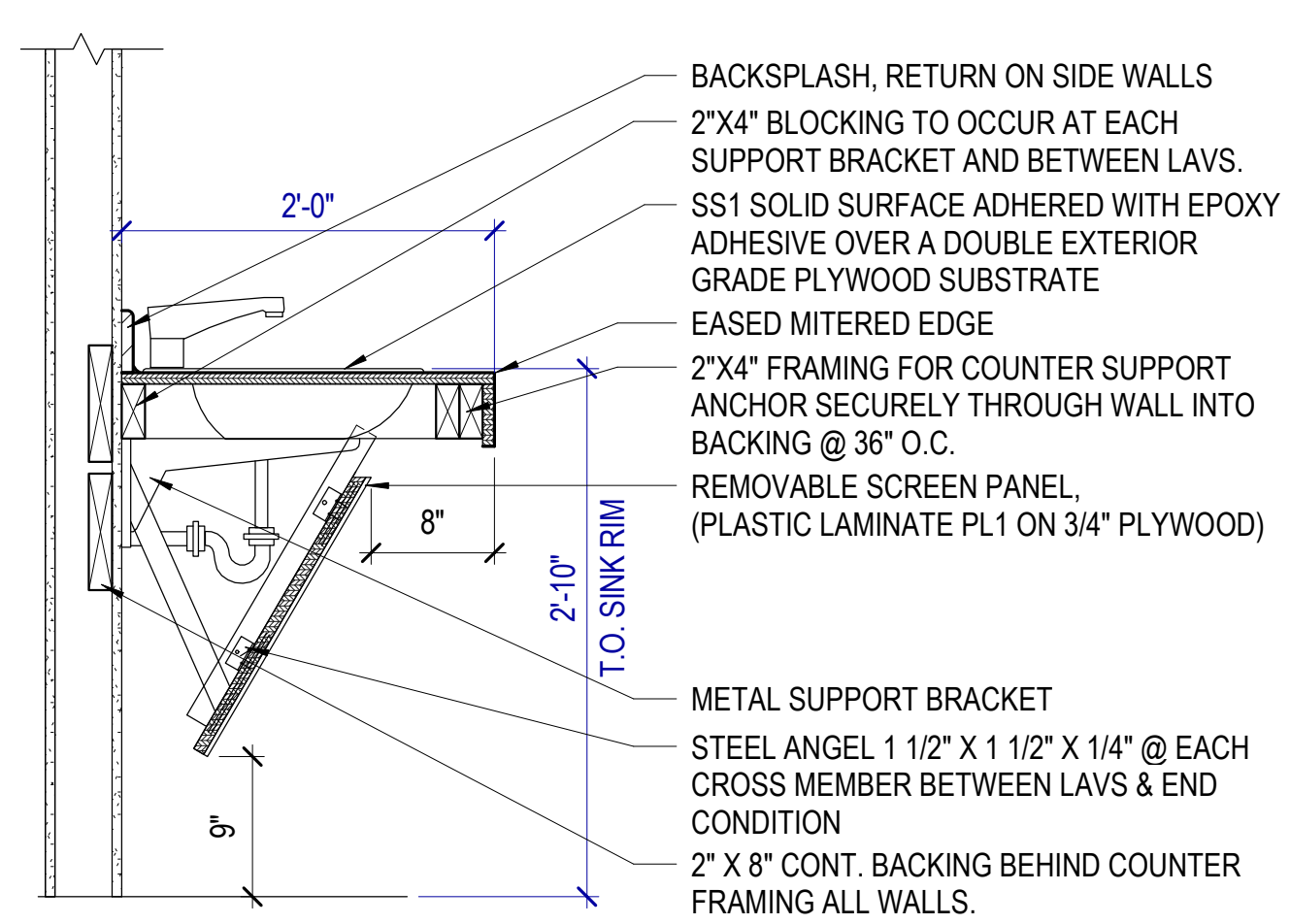
E1 CUSTOM FRAME DETAIL
SCALE: 1 1/2" = 1'-0"



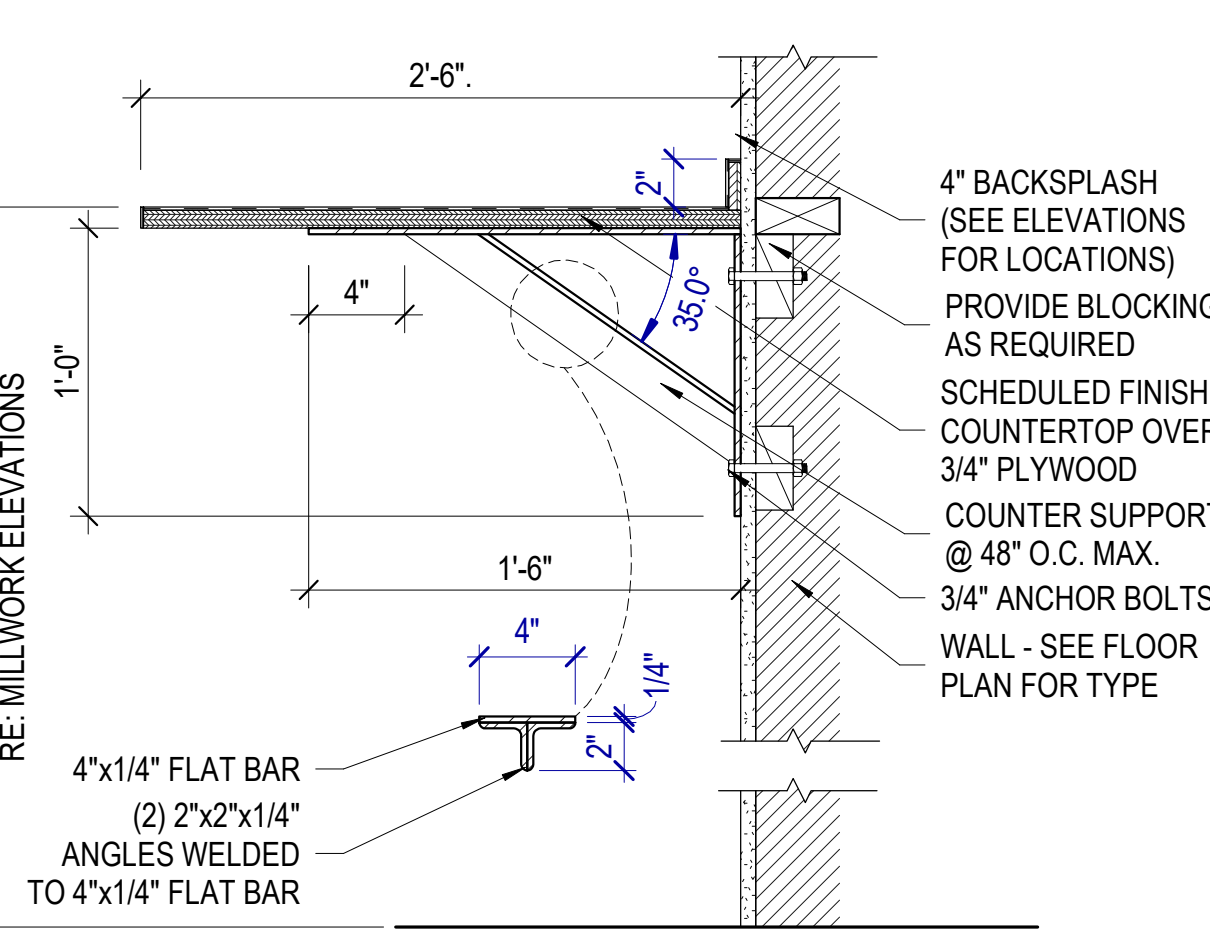
C3 CUSTOM WALL FRAME
SCALE: 3" = 1'-0"



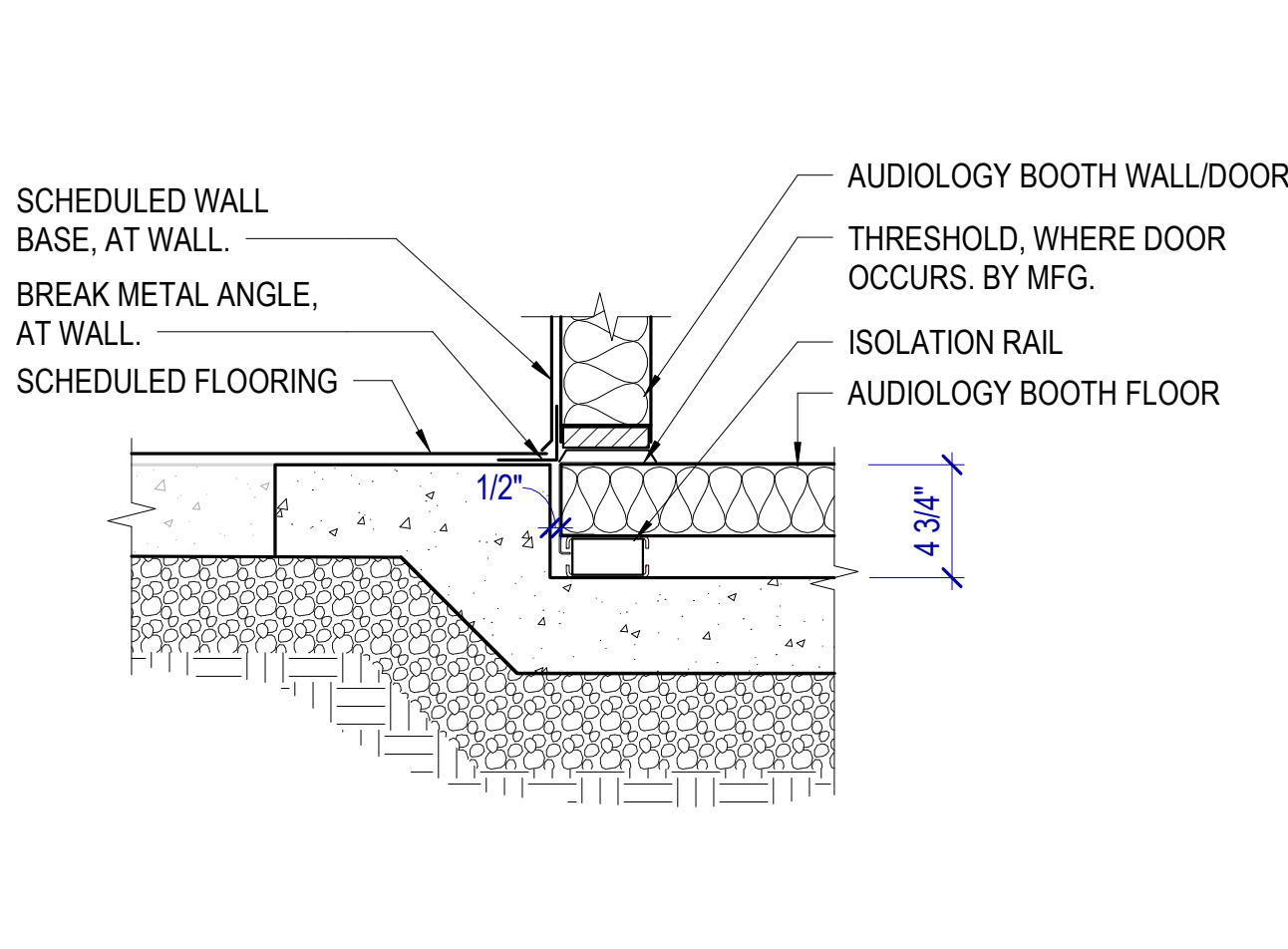
D3 VENEER PANEL FINISH DETAIL
SCALE: 3" = 1'-0"



E3 ADA SINK
SCALE: 1" = 1'-0"

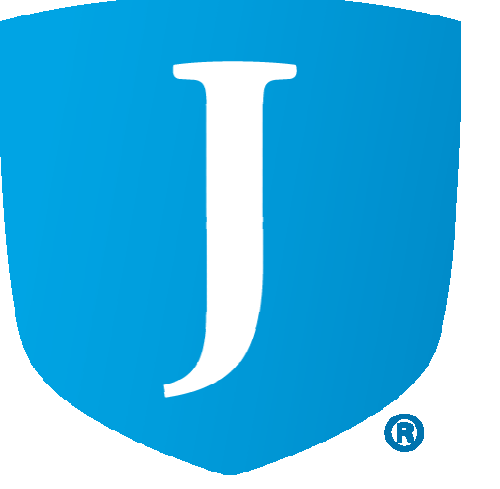


E4 COUNTERTOP W/ BRACKET
SCALE: 1 1/2" = 1'-0"

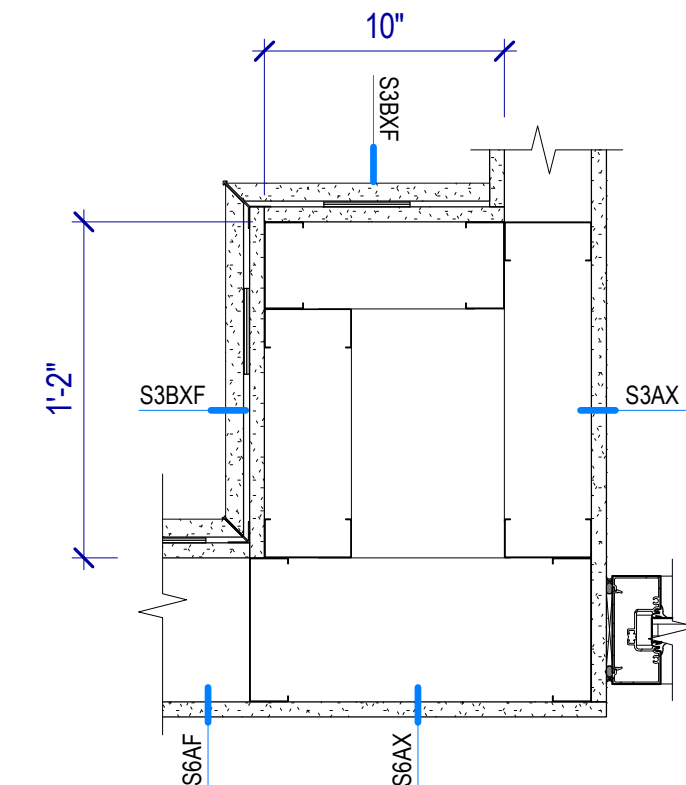


E5 AUDIOLOGY BOOTH DETAIL
SCALE: 1 1/2" = 1'-0"

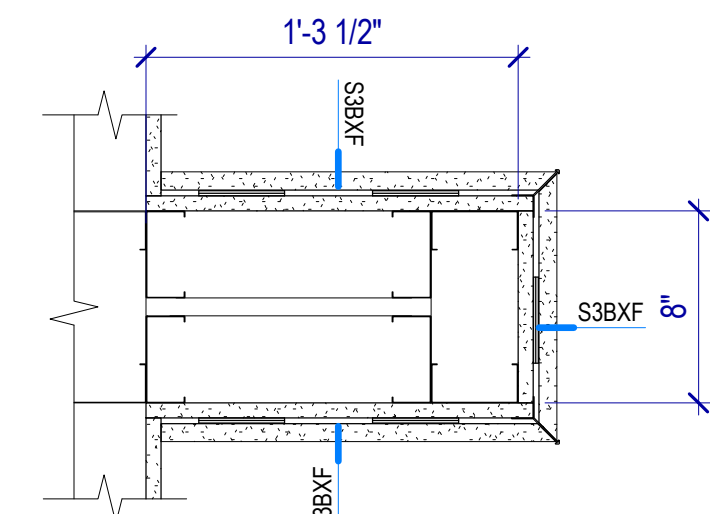
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8/29/2024 7:53:30 AM



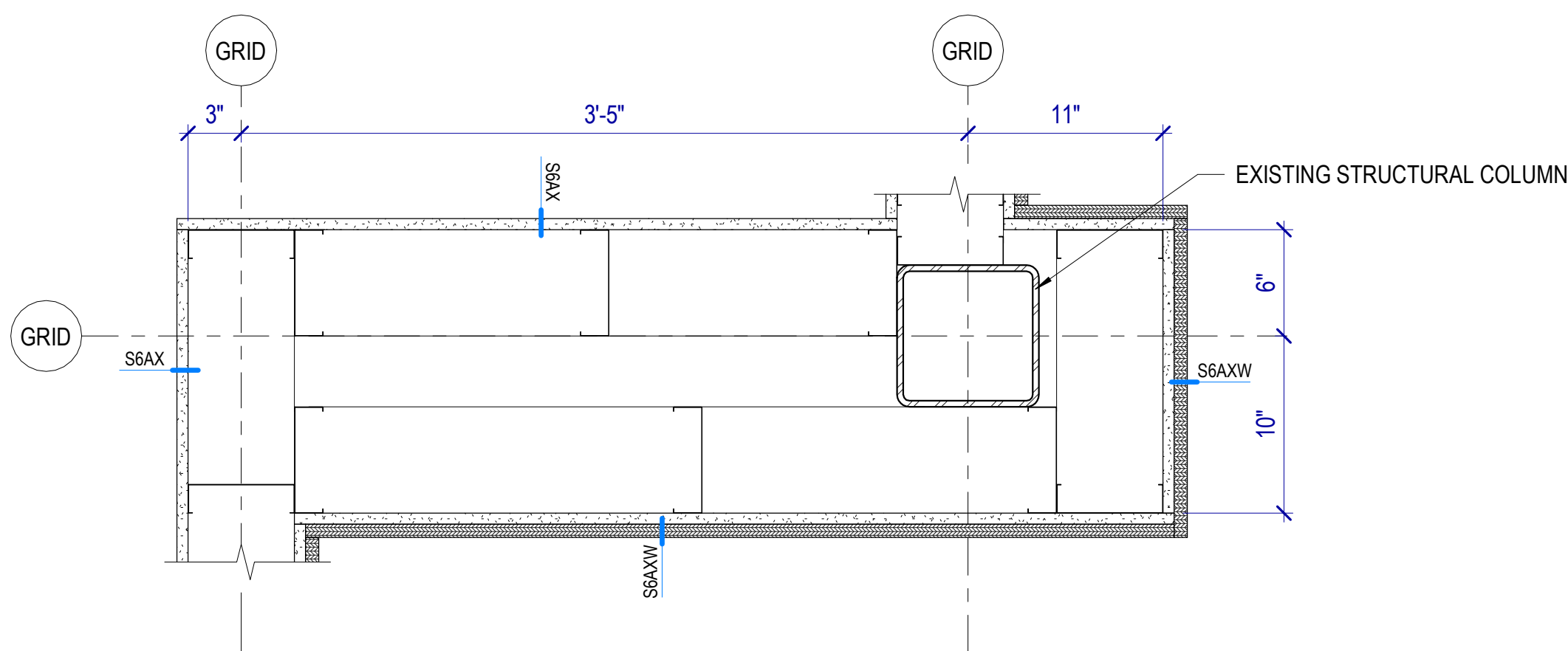
JORDAN SCHOOL DISTRICT
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SOUTH JORDAN, UT 84009



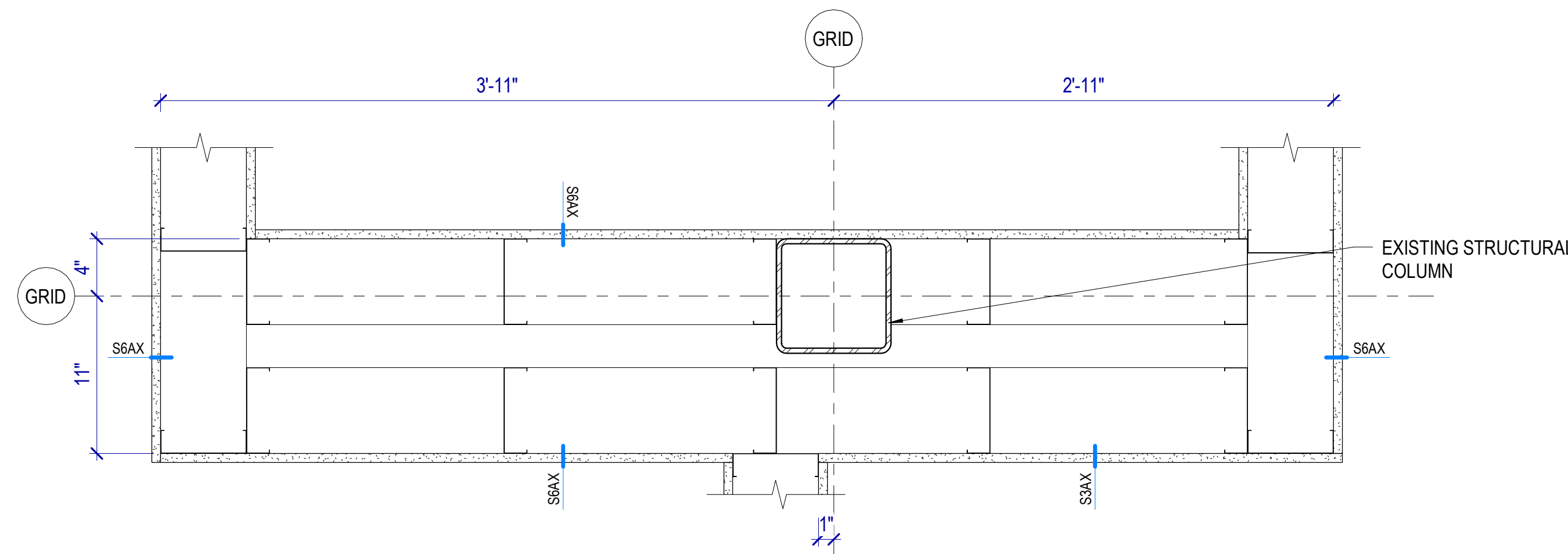
C2 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



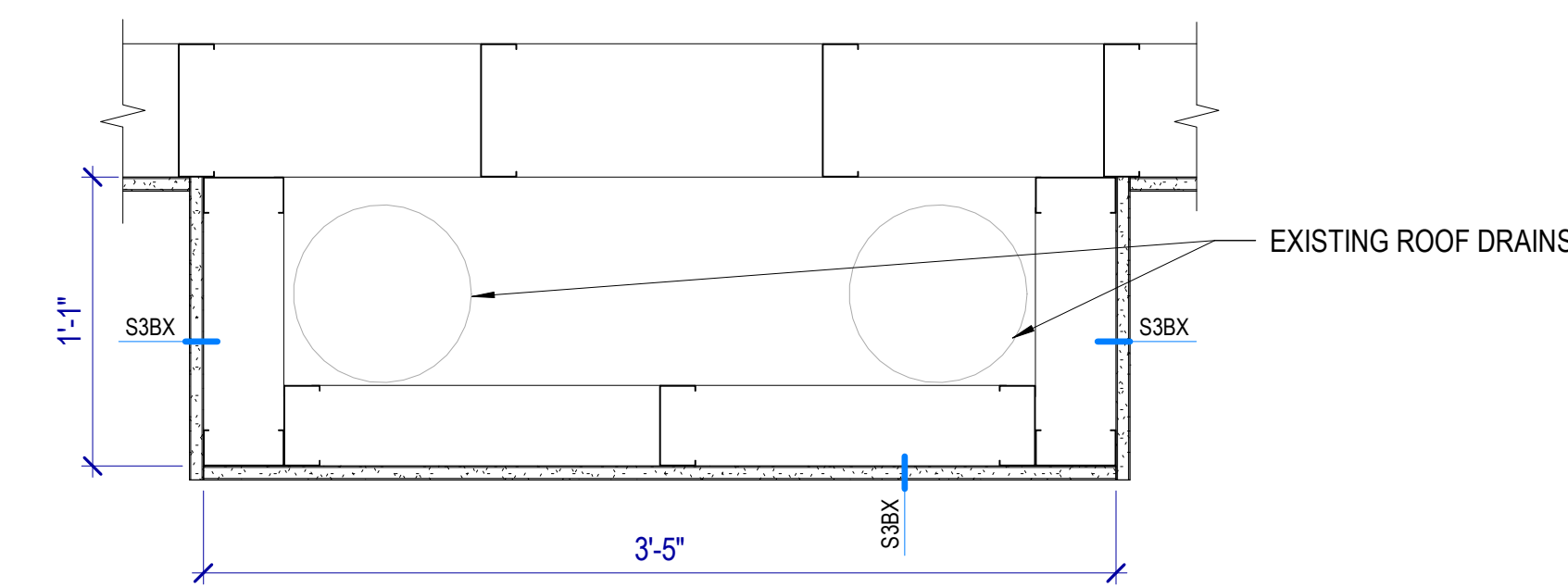
C5 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



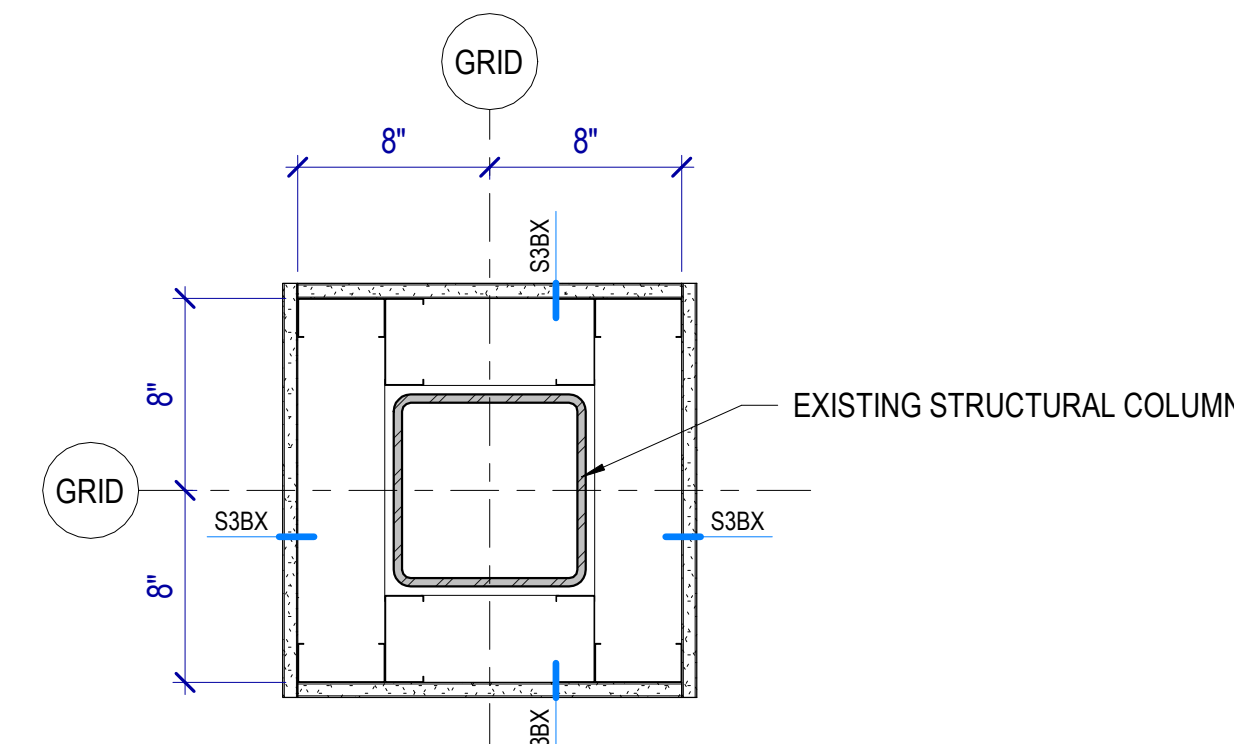
C1 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



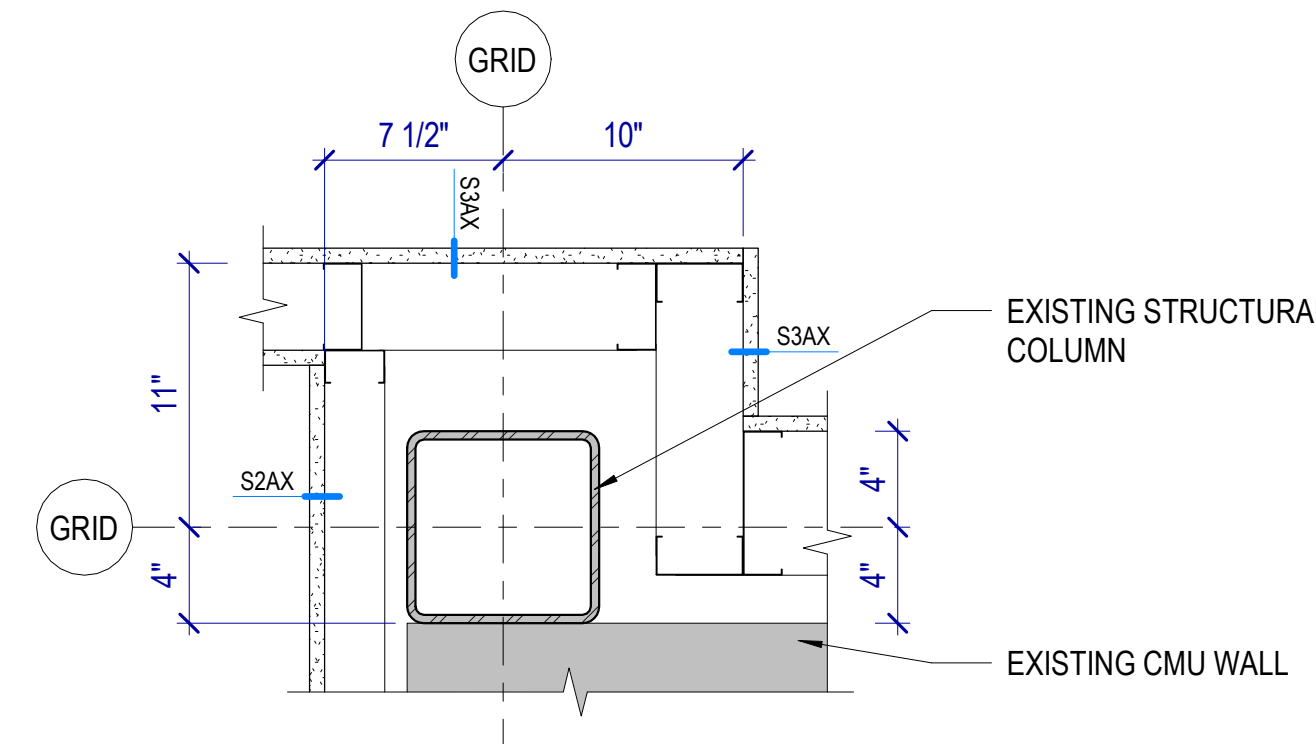
C3 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



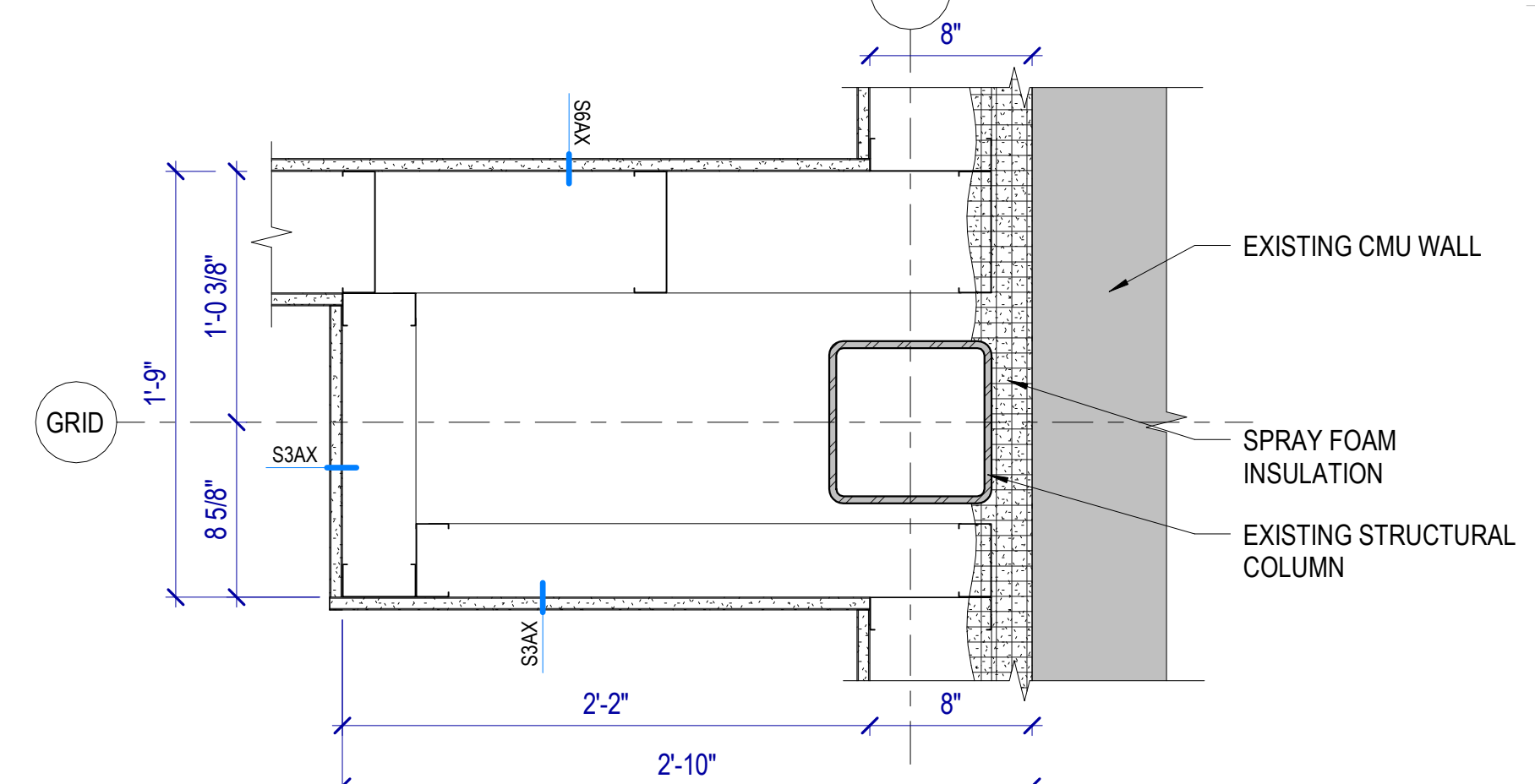
D1 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



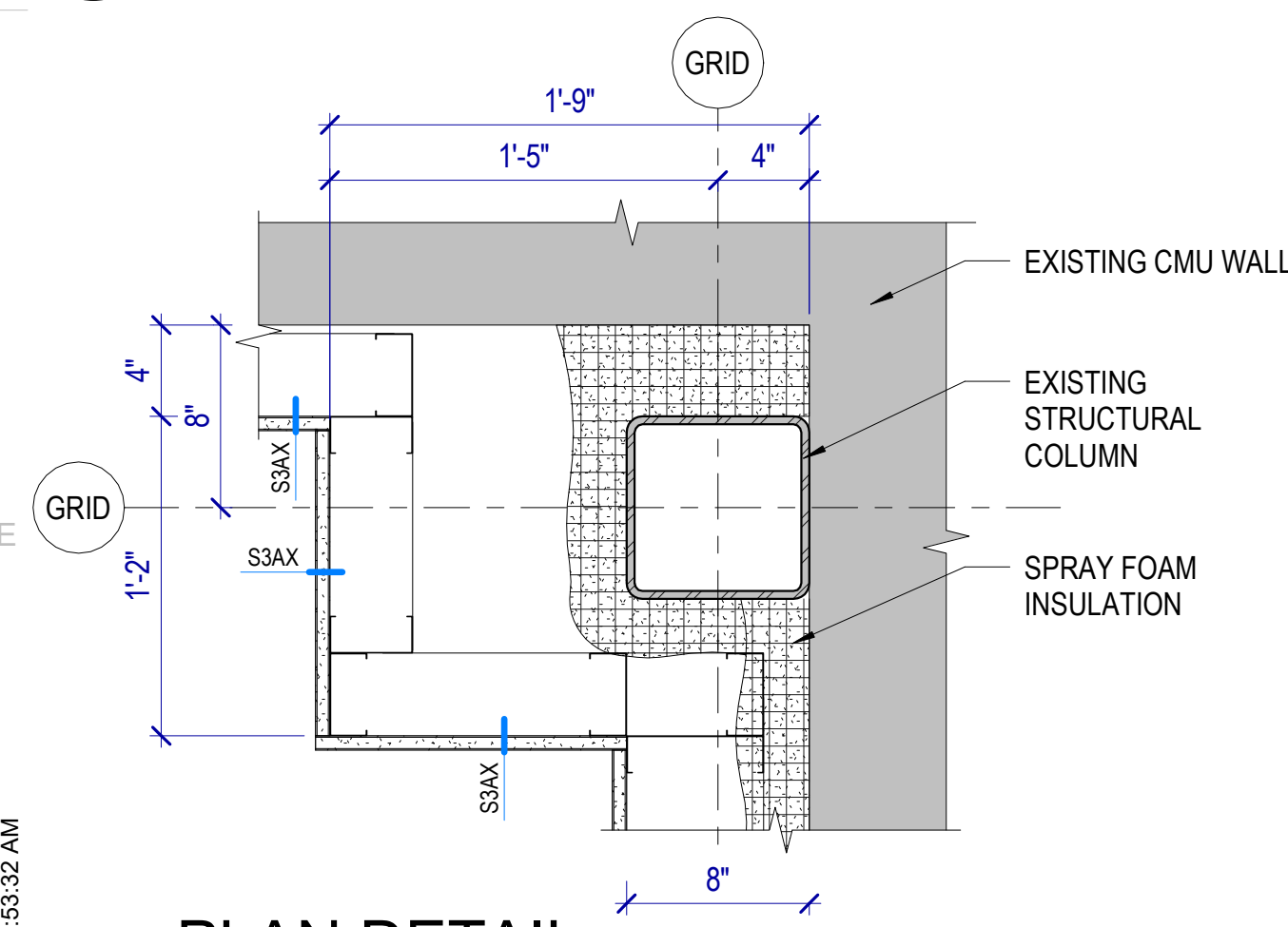
D3 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



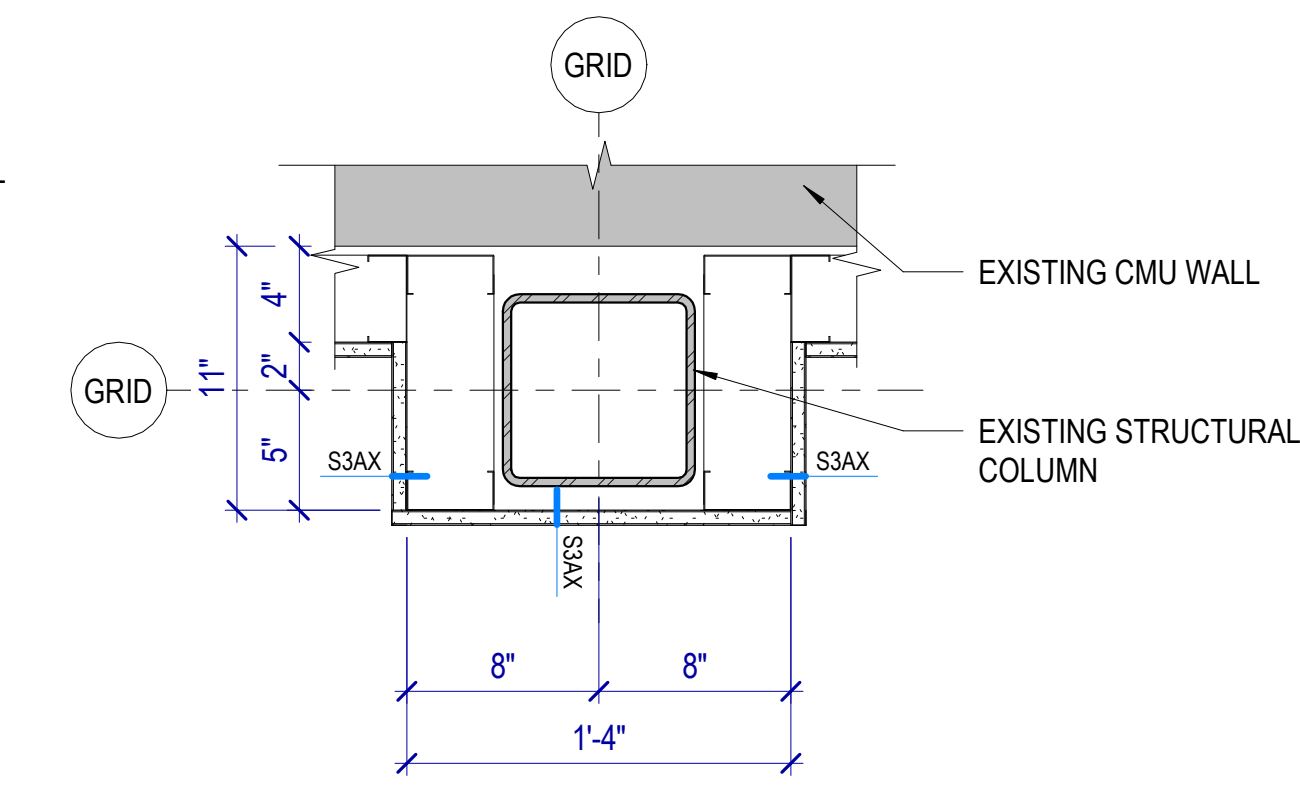
D4 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



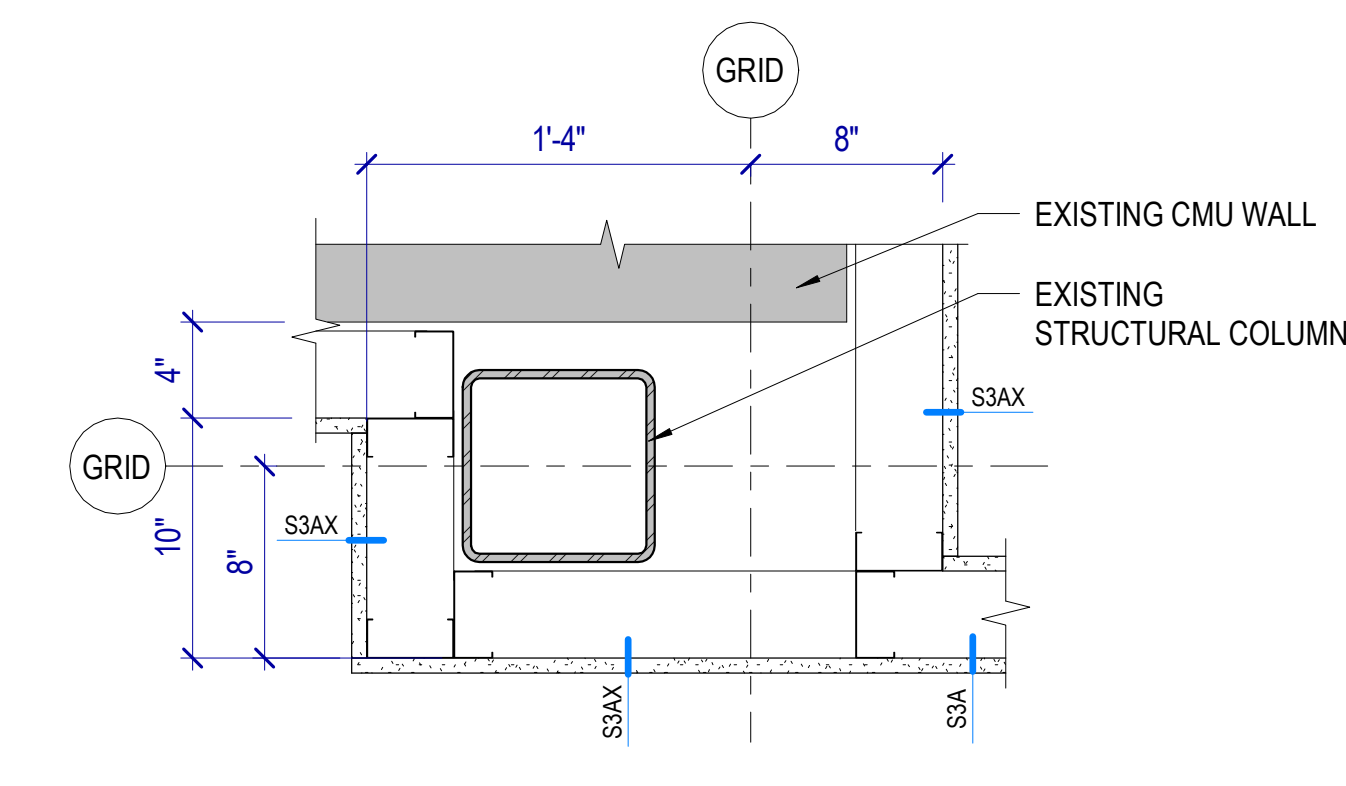
D5 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



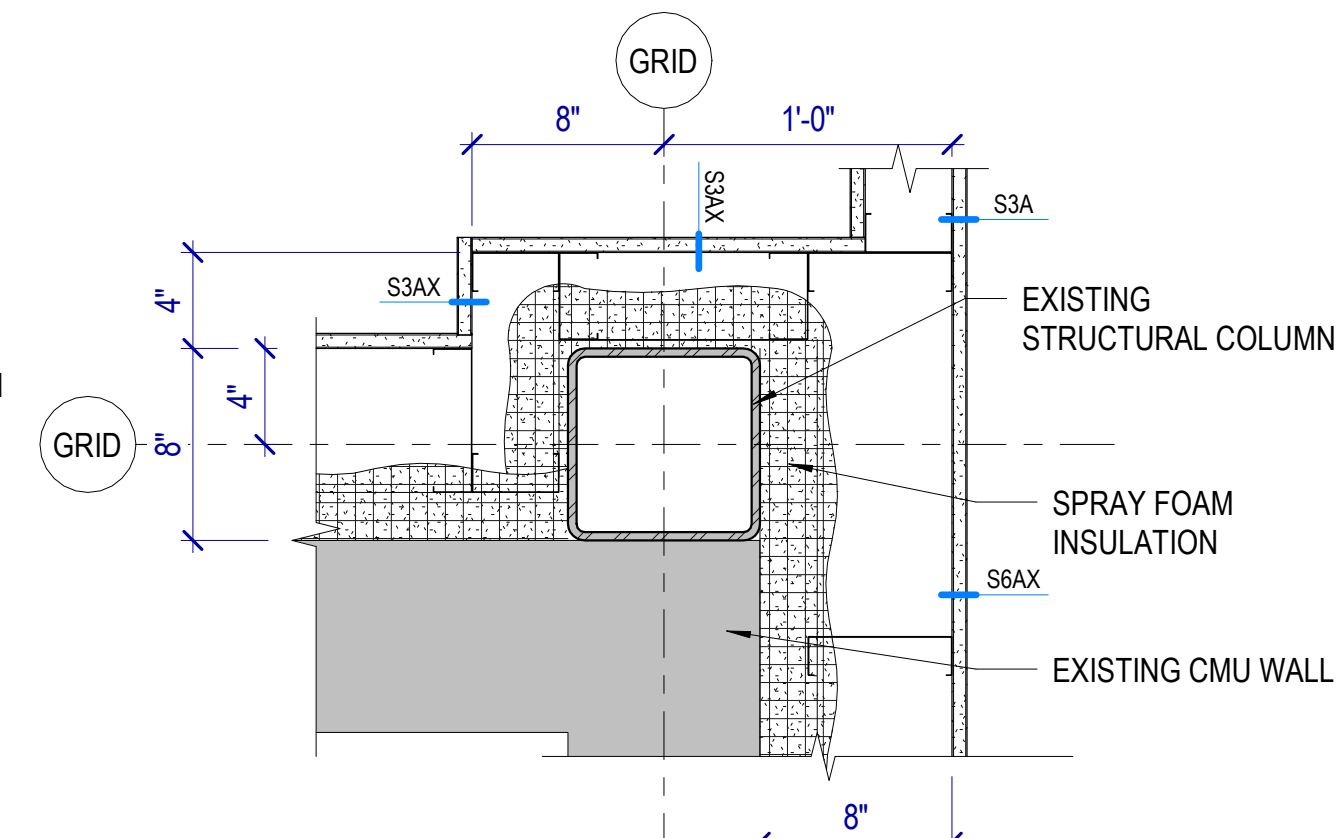
E1 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



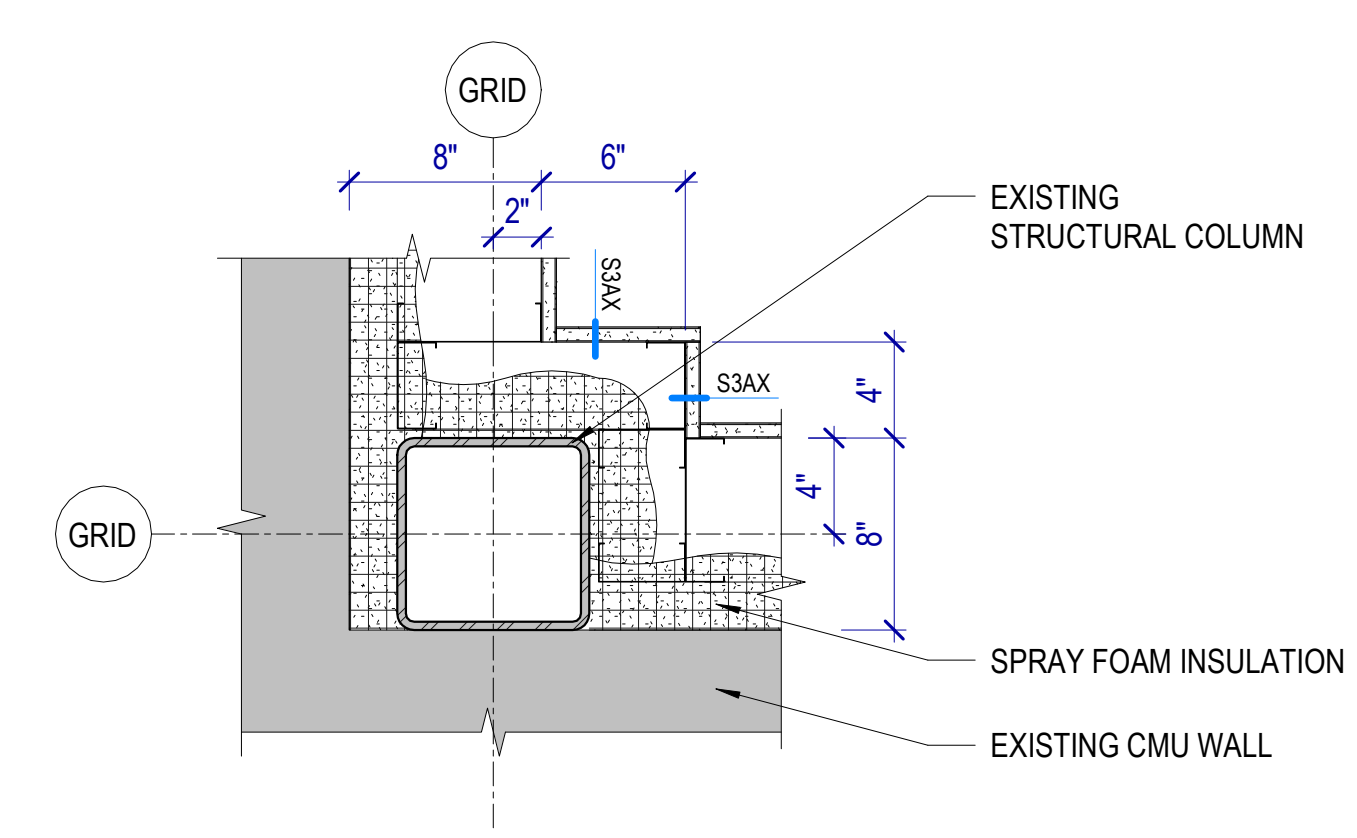
E2 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



E3 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

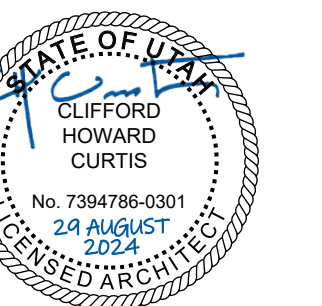


E4 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



E5 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

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MHTN PROJECT NO. 2024528

Original drawing is 36 x 42. Do not scale contents of this drawing.

REVISIONS:
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NO.	DATE	DESCRIPTION

ISSUE
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AUGUST 29, 2024

SHEET NAME
PLAN DETAILS

SHEET NUMBER

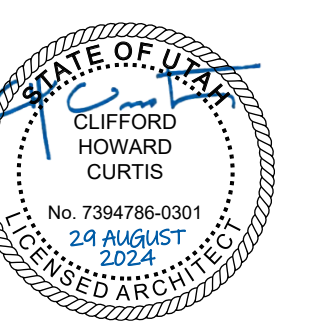
A450

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MHTN PROJECT NO: 2024528

Original Drawing is 30" x 42". Do not scale contents of this drawing.

REVISIONS:
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LAST REVISION DATE

NO.	DATE	DESCRIPTION

ISSUE:
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME:
DOOR DETAILS

SHEET NUMBER:
A610

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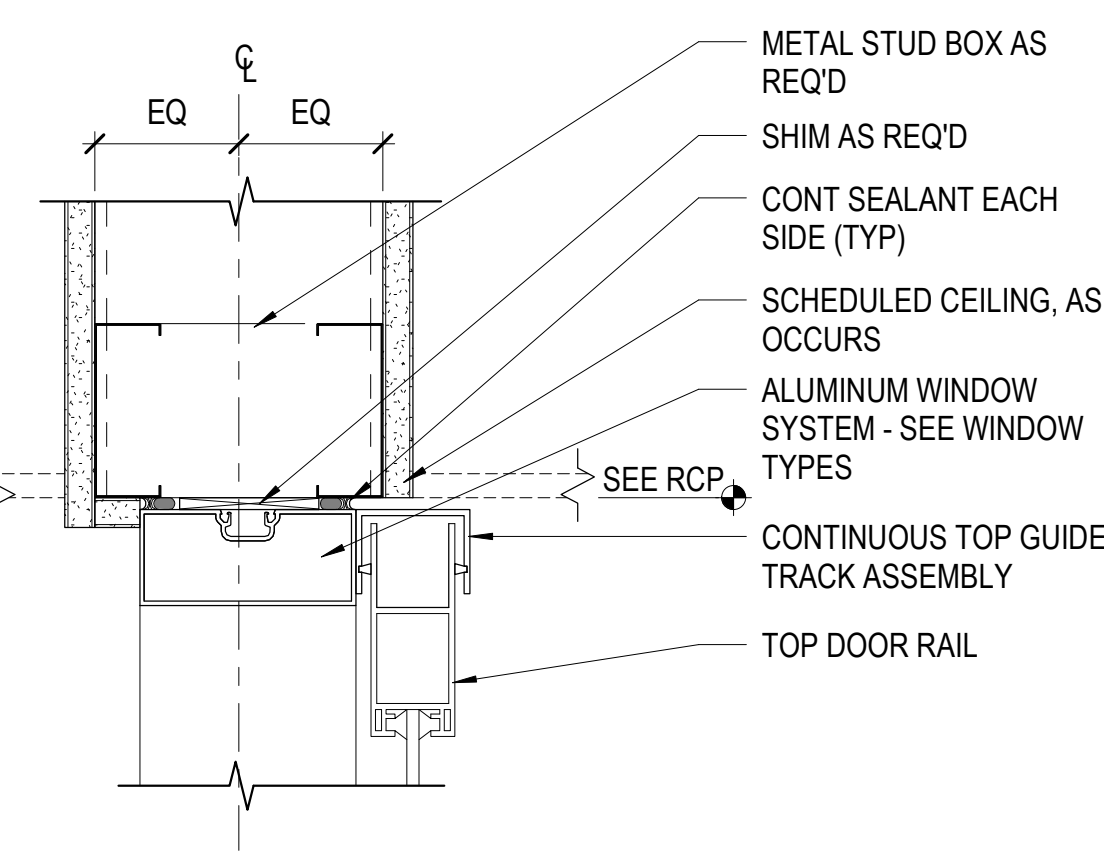
B

C

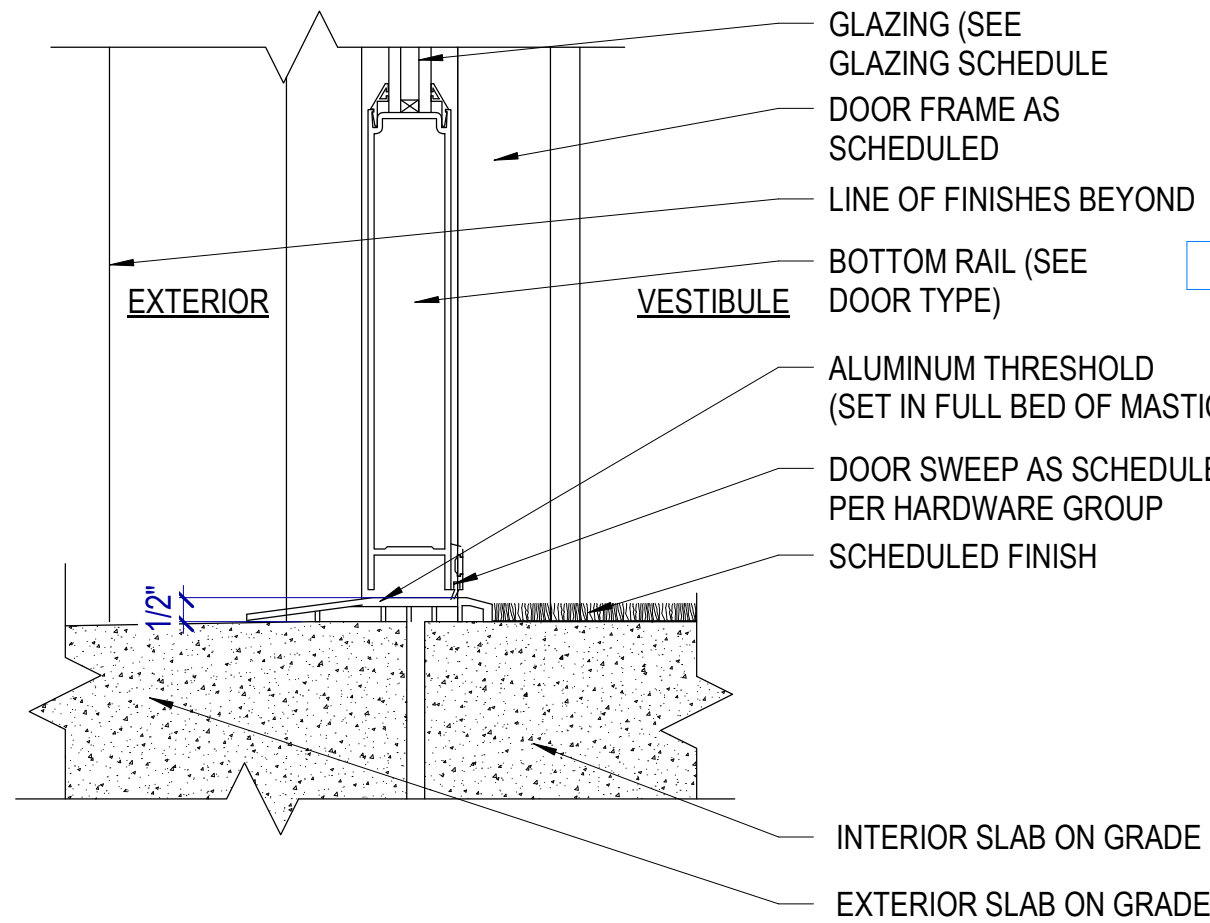
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E

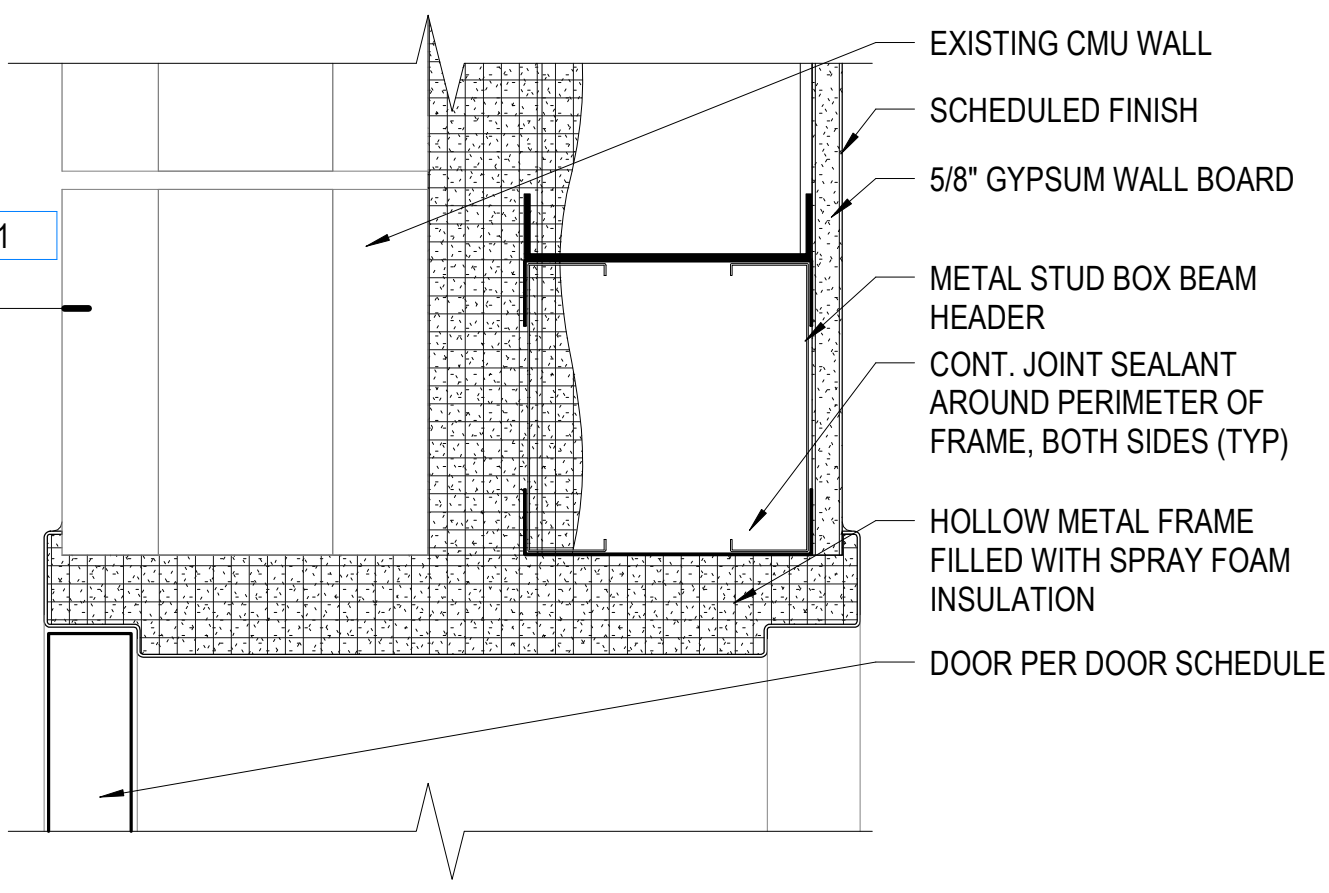
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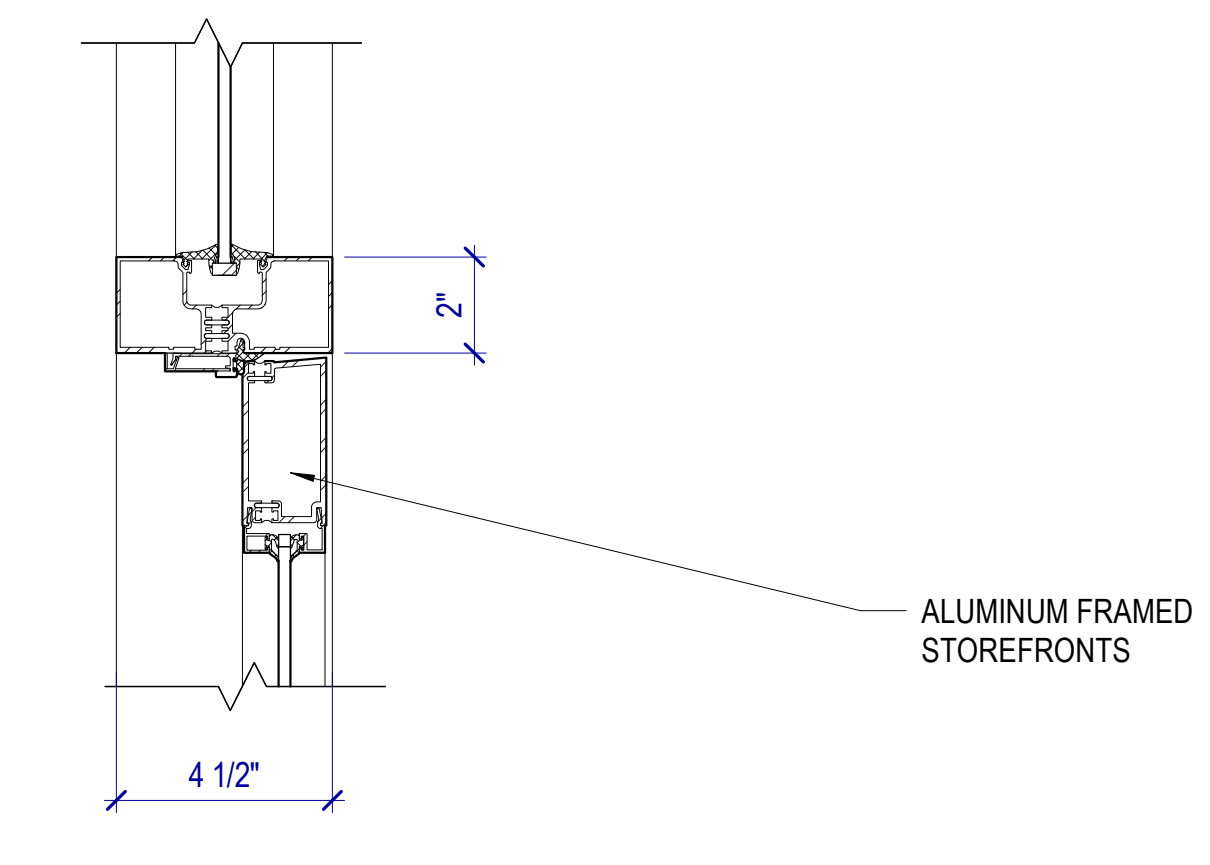
C1 DOOR HEAD DETAIL
SCALE: 3" = 1'-0"



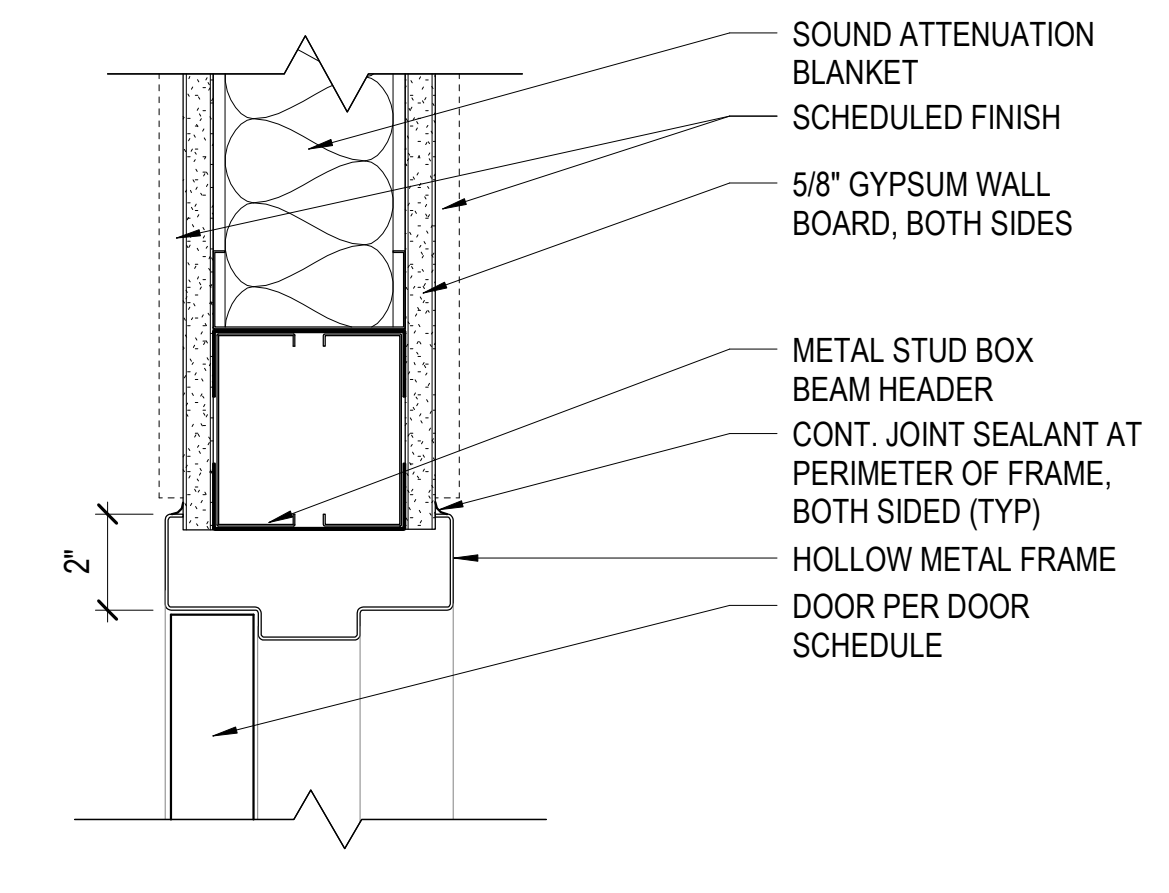
C2 THRESHOLD DETAIL
SCALE: 3" = 1'-0" (HOLLOW METAL DOOR SIMILAR)



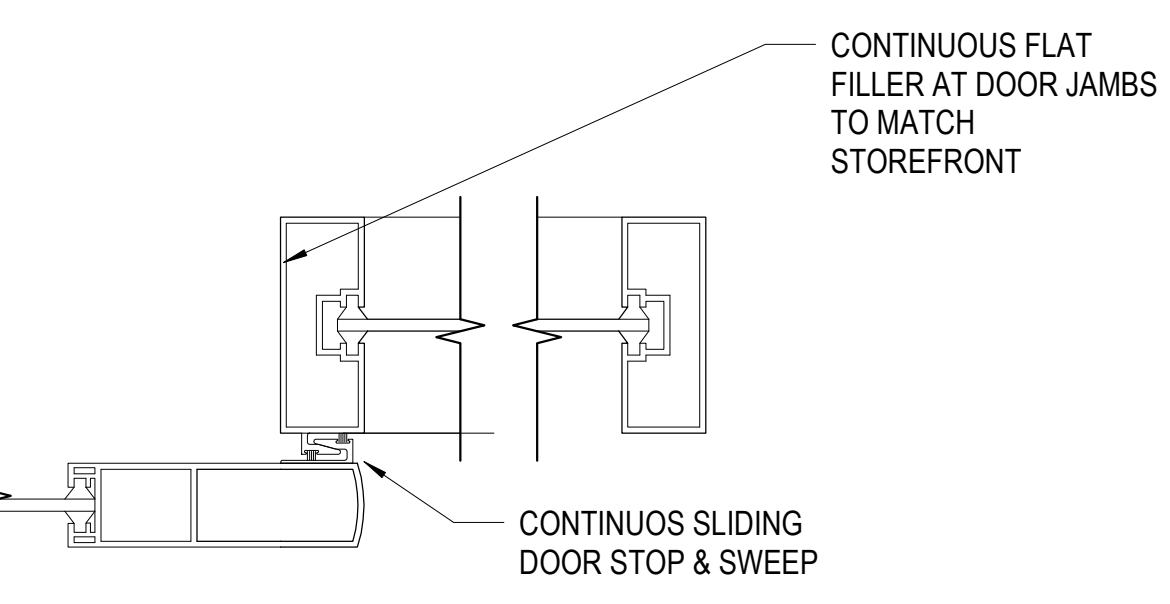
C3 HEAD DETAIL
SCALE: 3" = 1'-0"



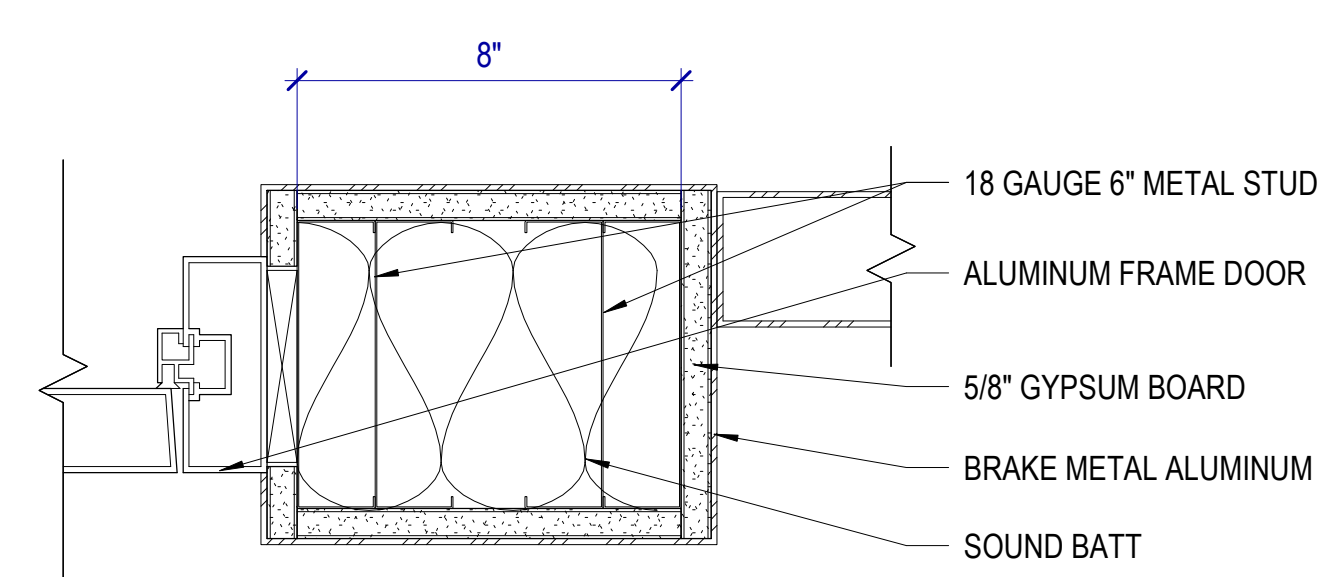
C4 HEAD DETAIL
SCALE: 3" = 1'-0"



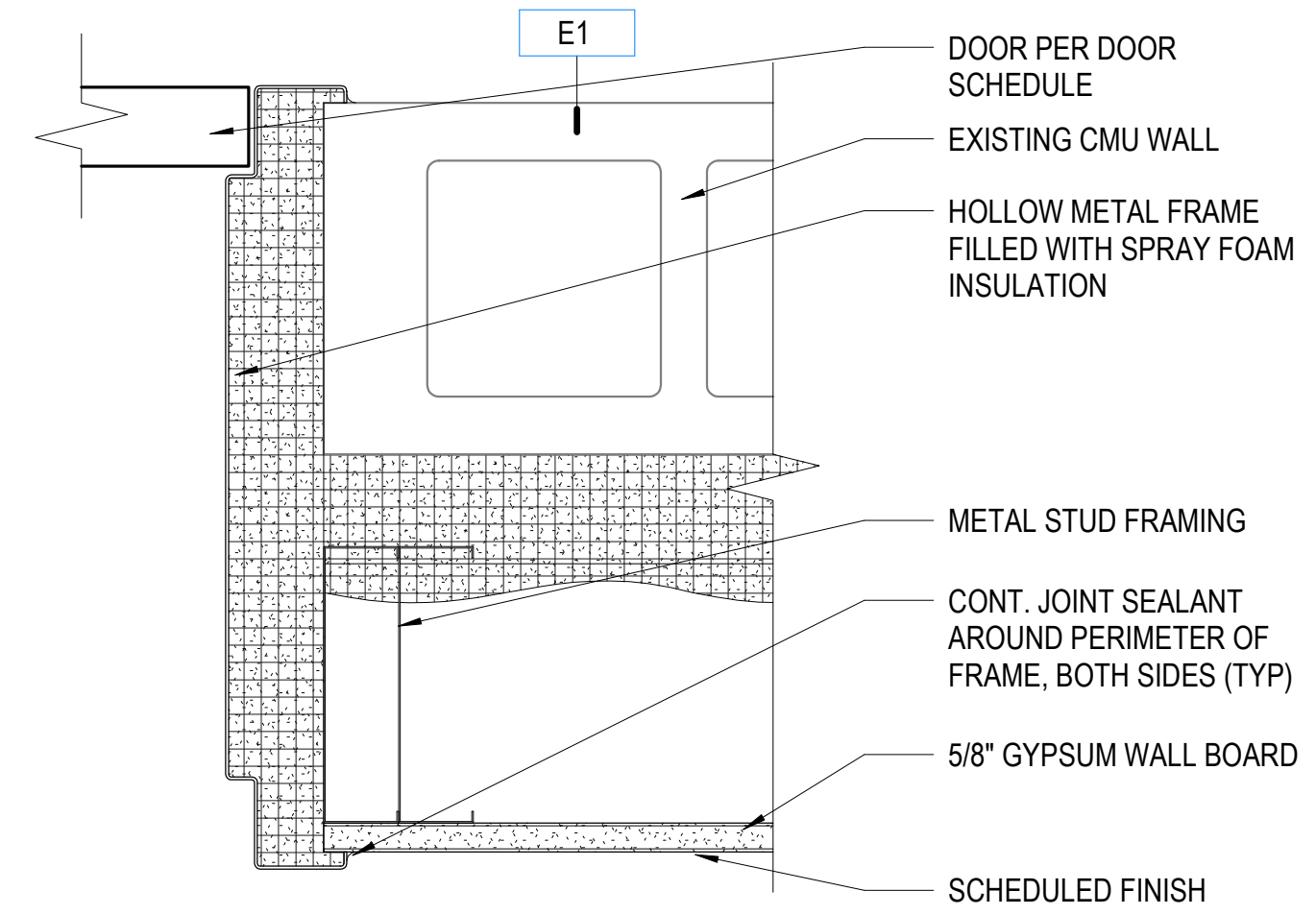
C5 HEAD DETAIL
SCALE: 3" = 1'-0"



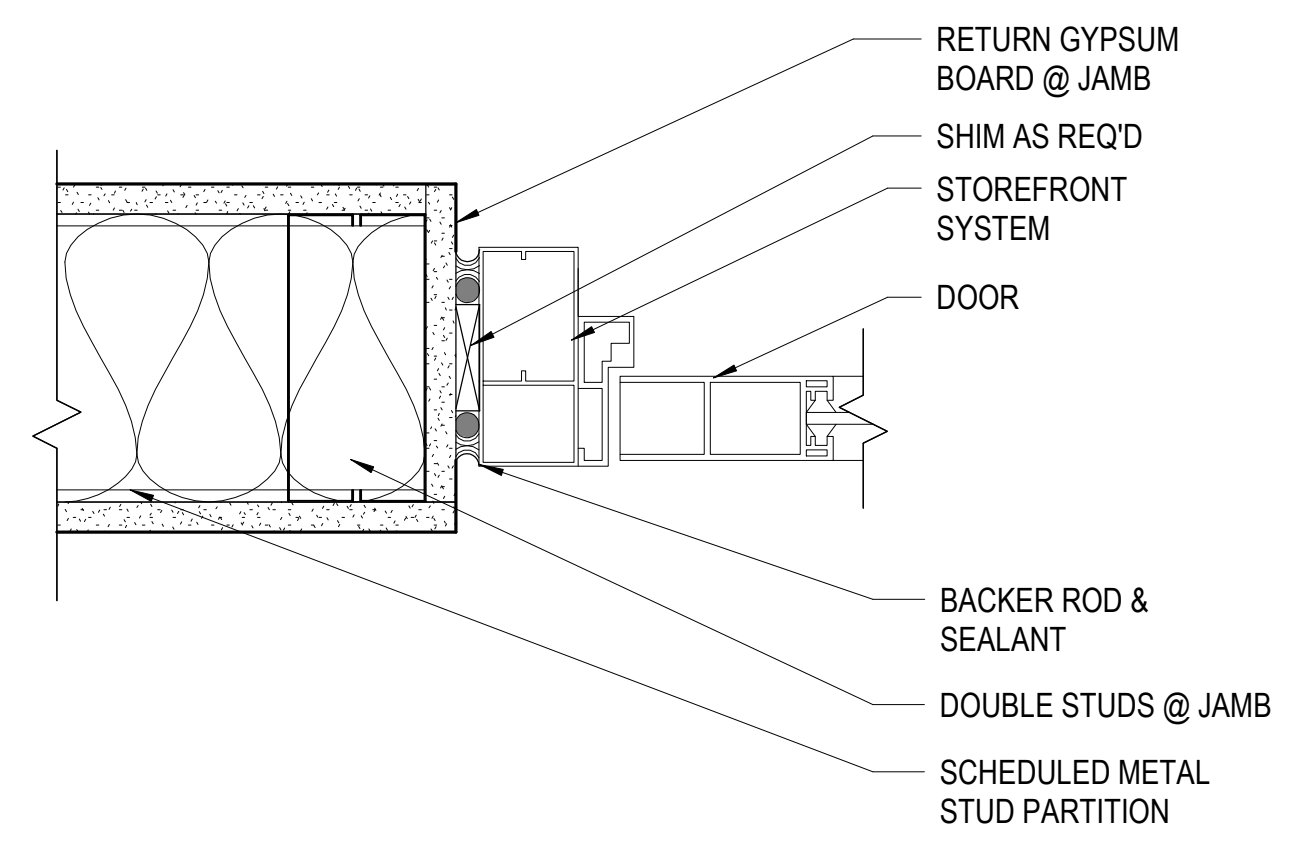
D1 DOOR JAMB DETAIL
SCALE: 3" = 1'-0"



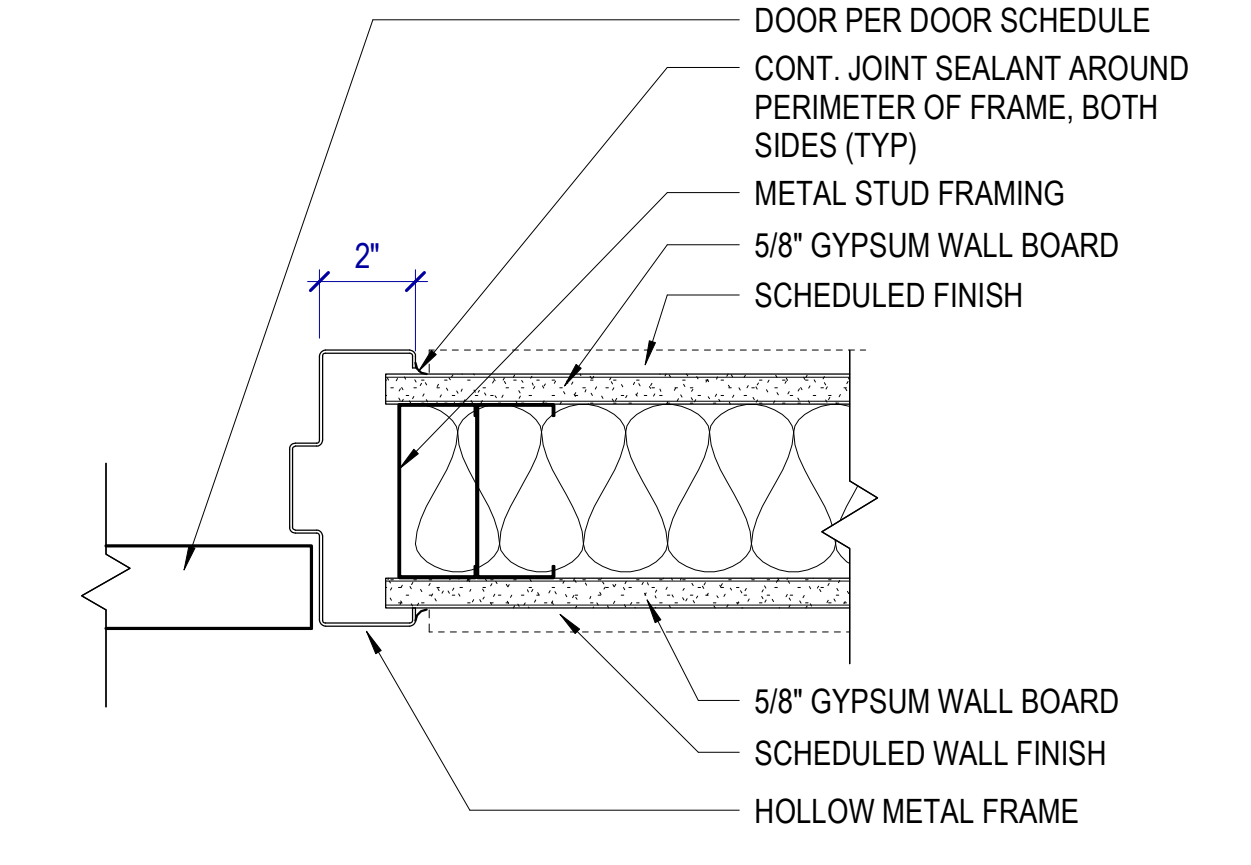
D2 JAMB DETAIL
SCALE: 3" = 1'-0"



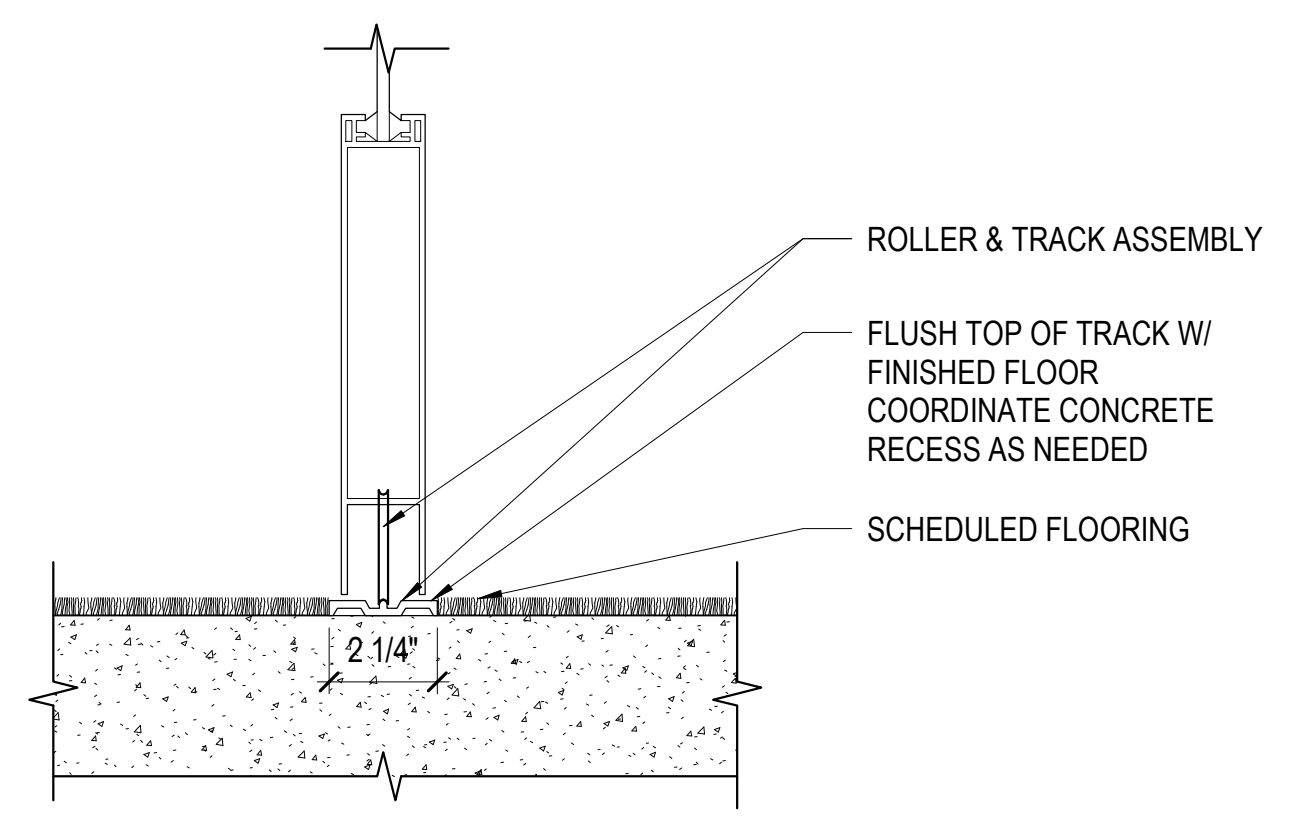
D3 JAMB DETAIL
SCALE: 3" = 1'-0"



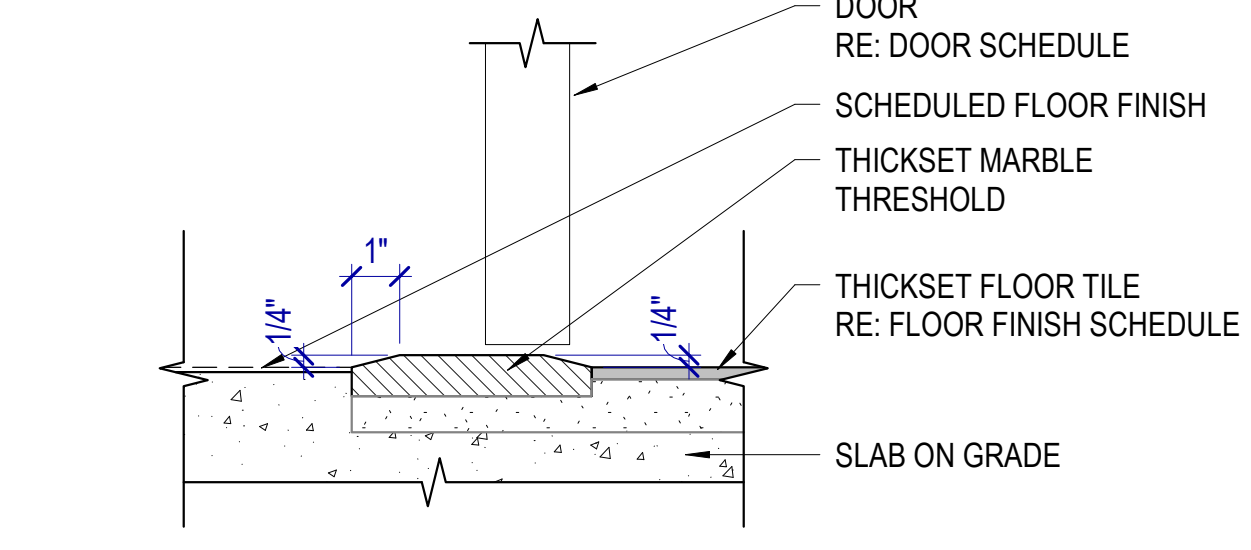
D4 JAMB DETAIL
SCALE: 3" = 1'-0"



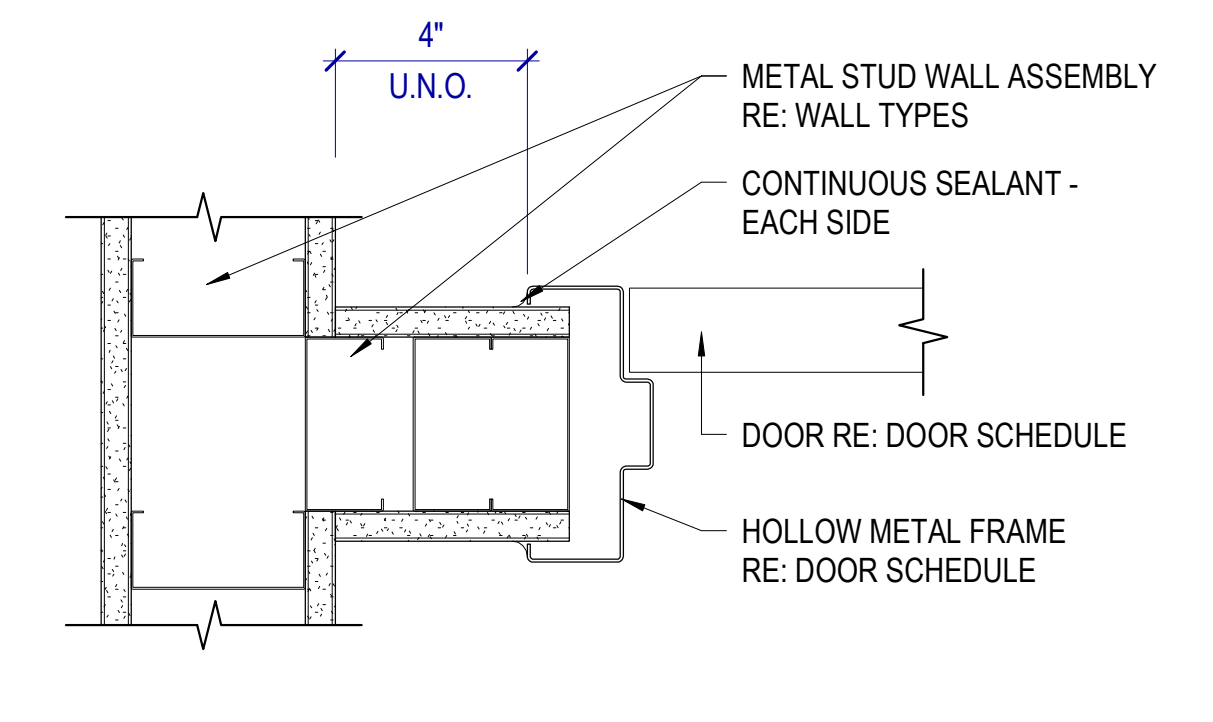
D5 JAMB DETAIL
SCALE: 3" = 1'-0"



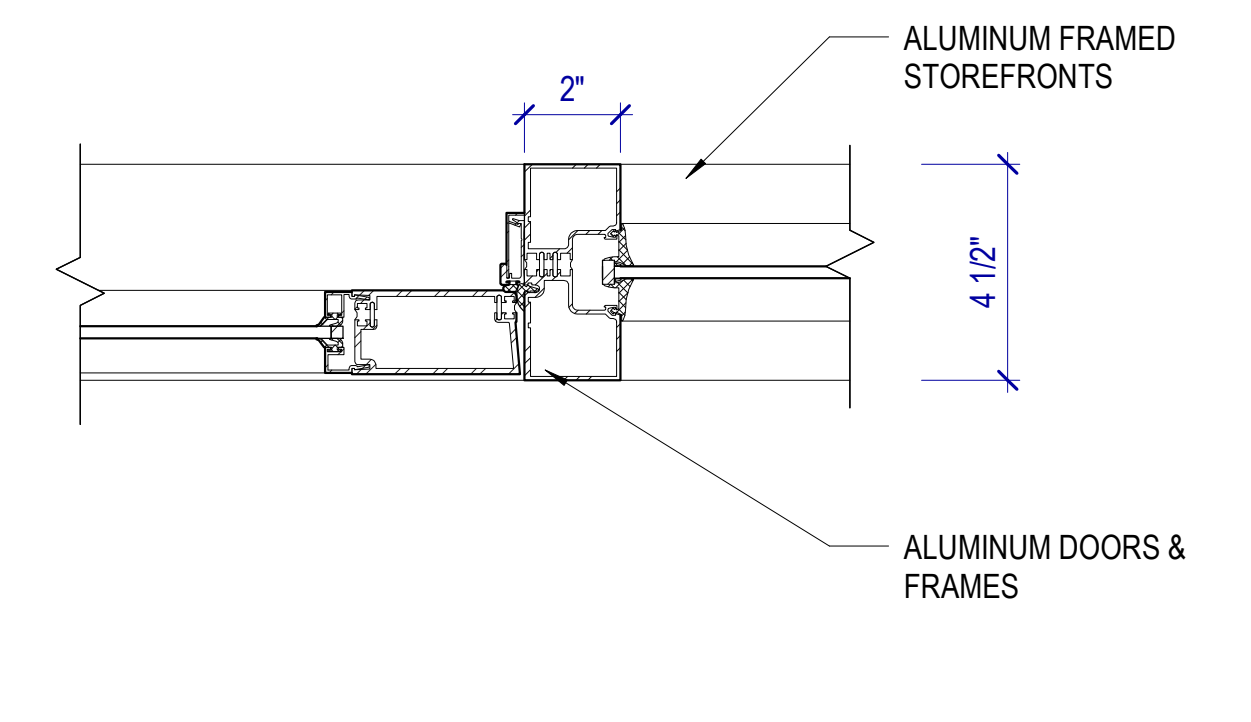
E1 THRESHOLD DETAIL
SCALE: 3" = 1'-0"



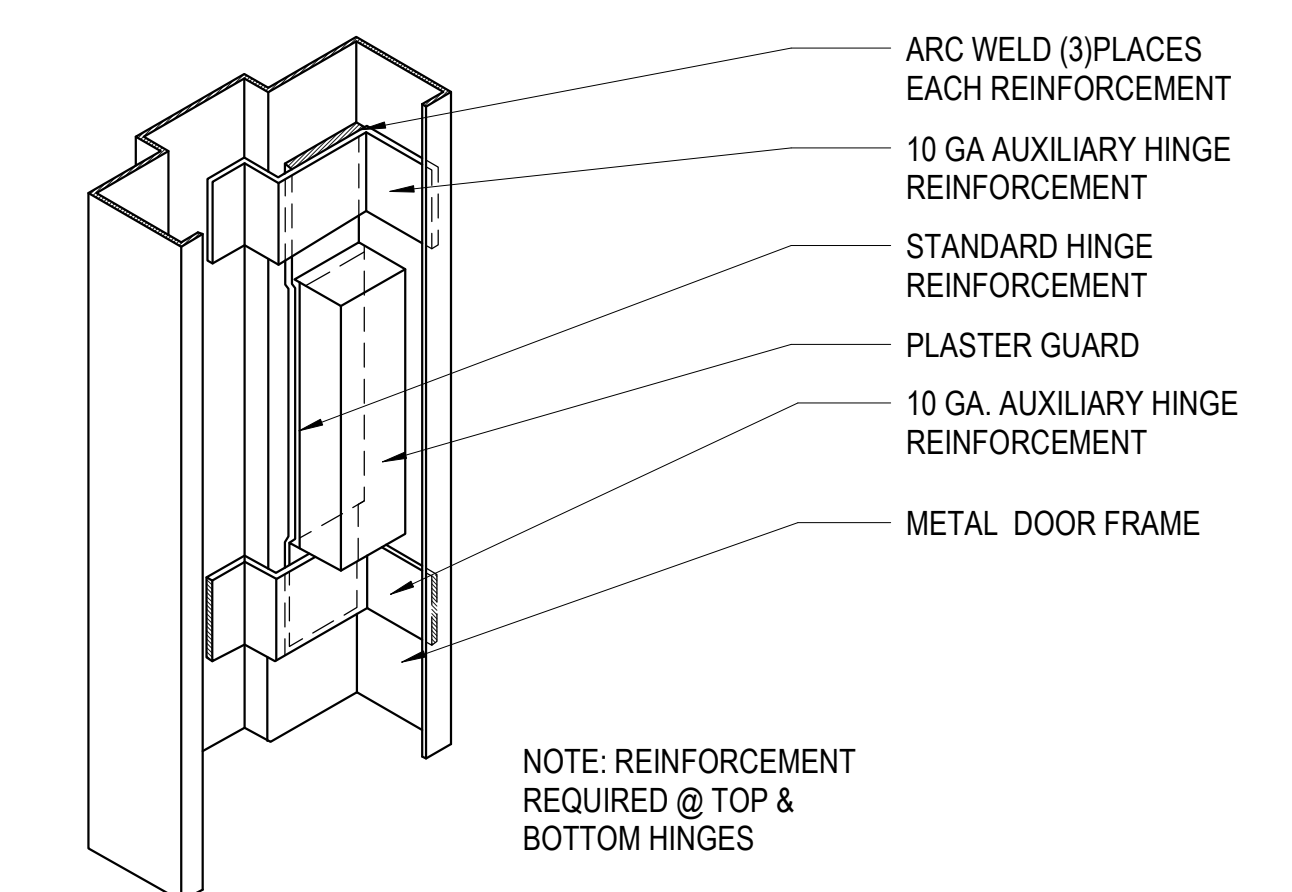
E2 THRESHOLD DETAIL
SCALE: 3" = 1'-0"



E3 TYPICAL MS DOOR JAMB DETAIL
SCALE: 3" = 1'-0"



E4 JAMB DETAIL
SCALE: 3" = 1'-0"



E5 REINFORCED DOOR FRAME
SCALE: 1 1/2" = 1'-0"
NOTE: REINFORCEMENT REQUIRED @ TOP & BOTTOM HINGES

1

2

3

4

5

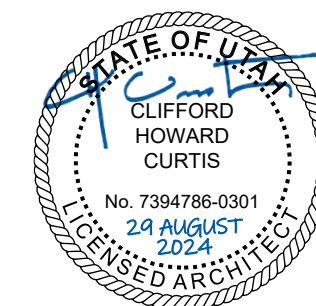


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MHTN PROJECT NO. 2024528

Original drawing is 30 x 42. Do not scale contents of this drawing.

REVISIONS:
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NO.	DATE	DESCRIPTION

ISSUE
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AUGUST 29, 2024

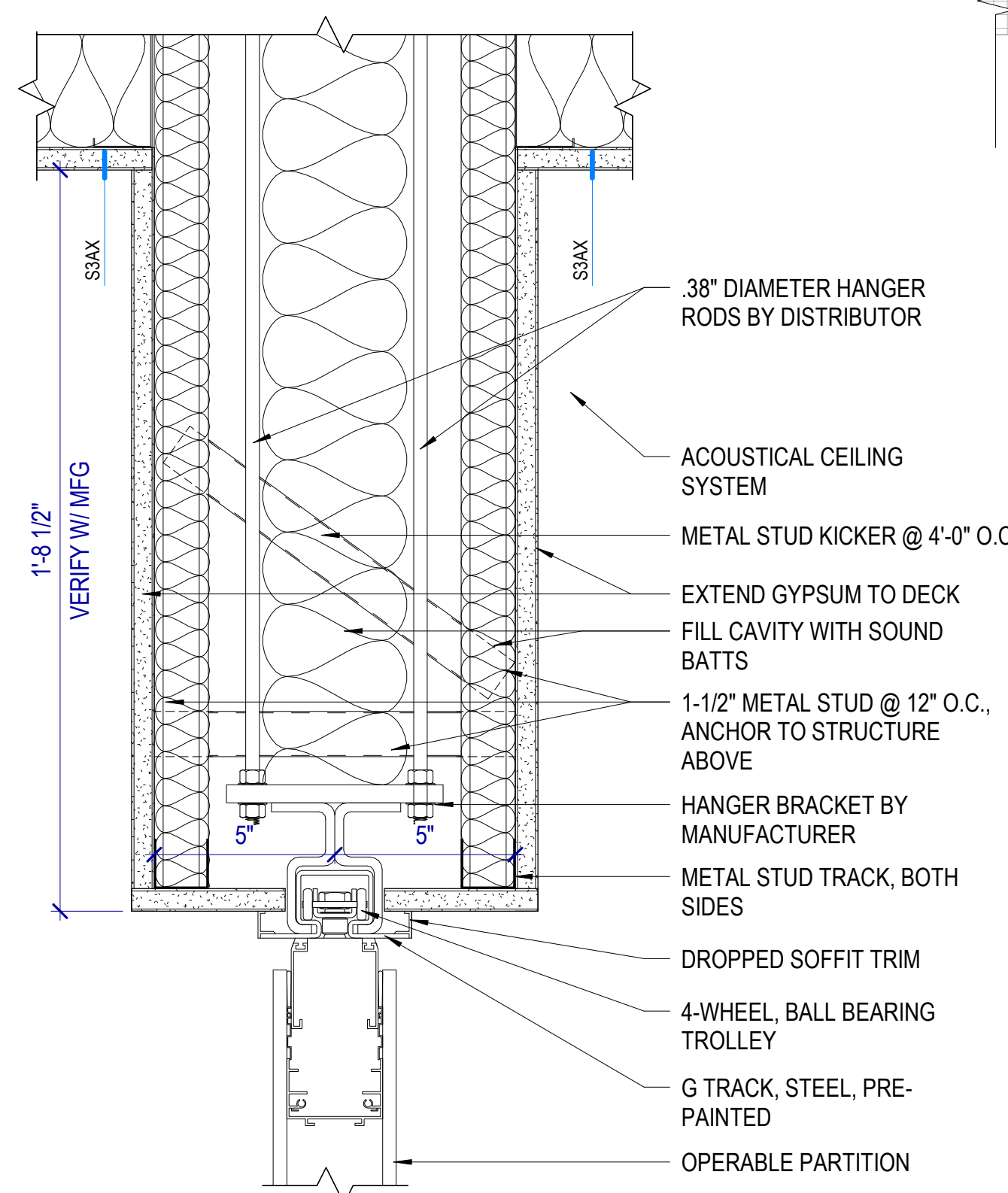
SHEET NAME
DOOR DETAILS

SHEET NUMBER

A611

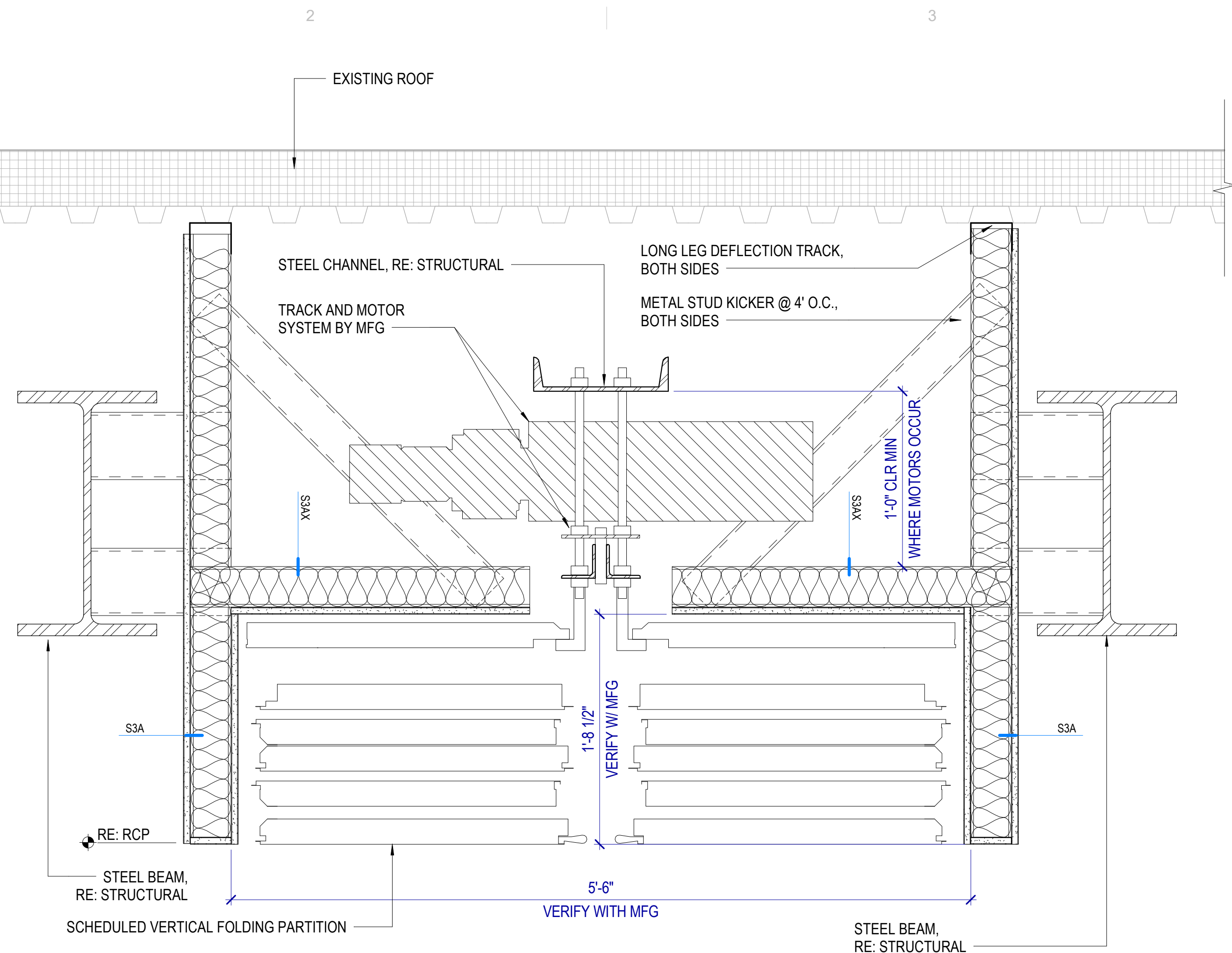
B1 HEAD DETAIL

SCALE: 3" = 1'-0"



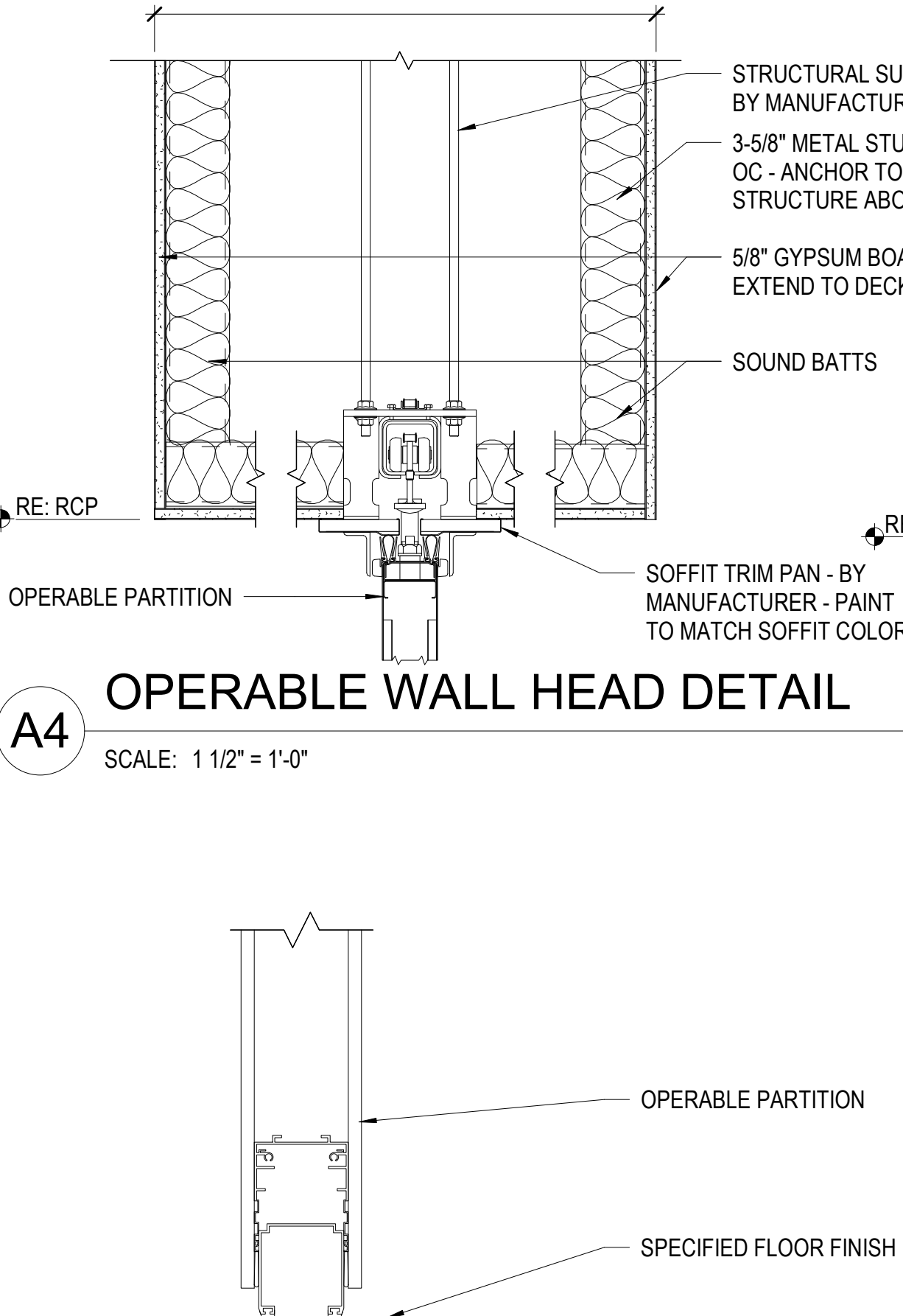
B2 VERTICAL FOLDING PARTITION HEAD

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



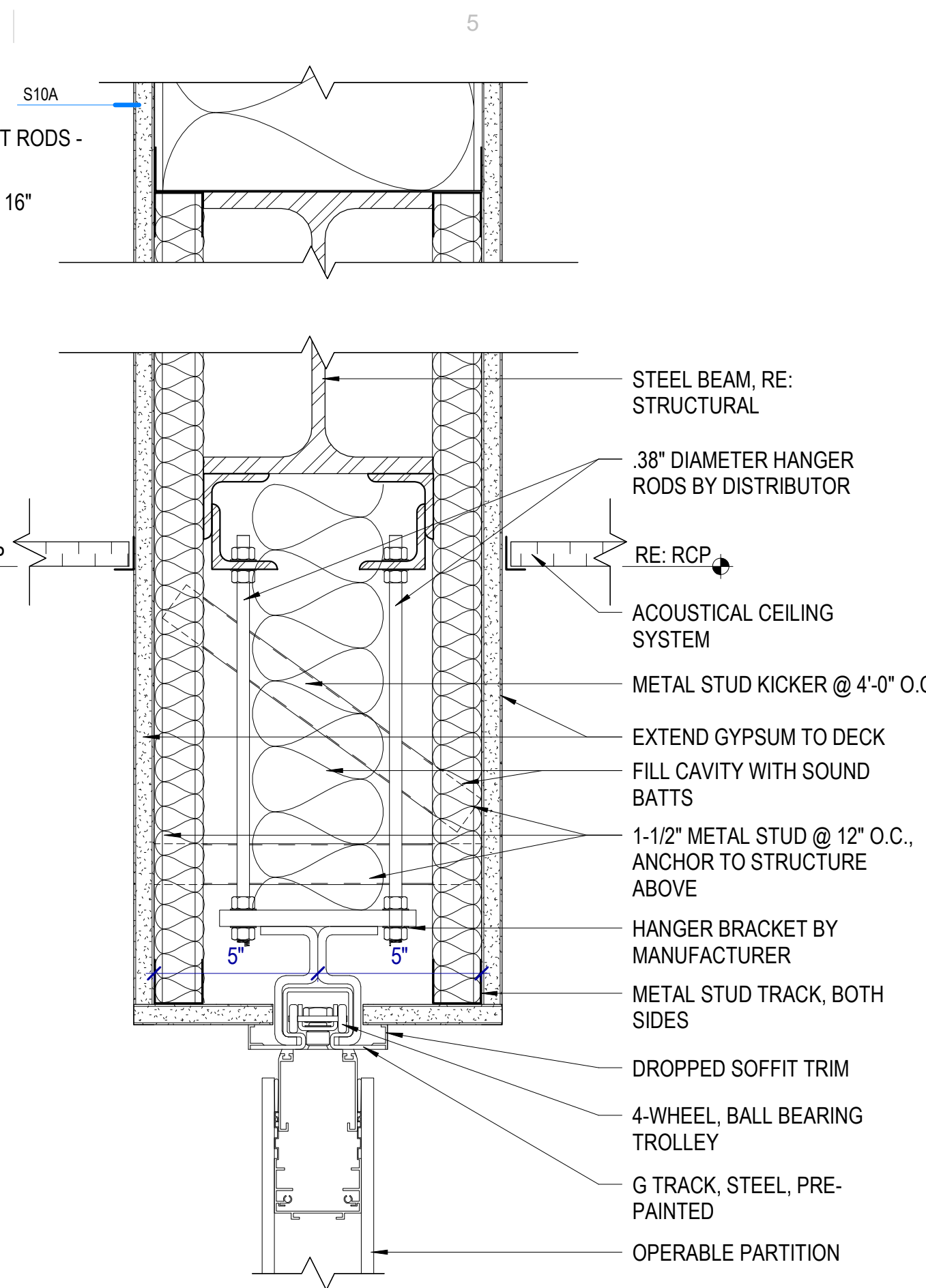
A4 OPERABLE WALL HEAD DETAIL

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



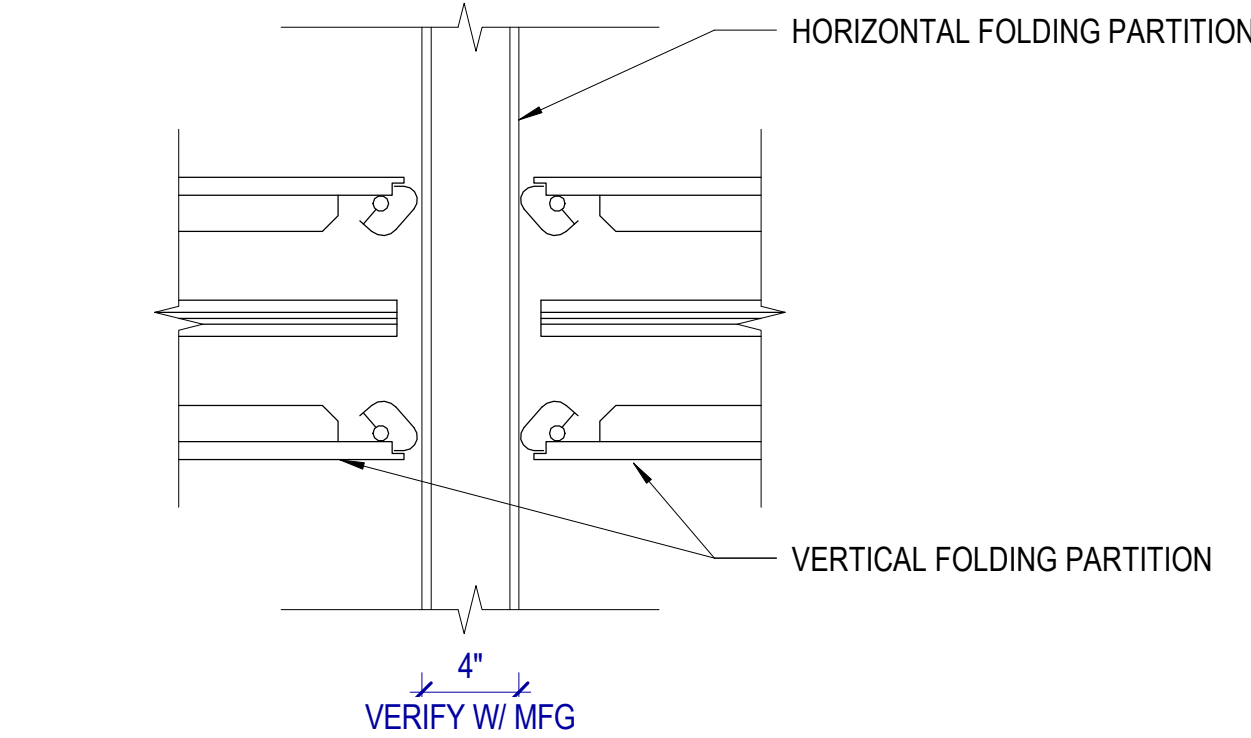
B5 HEAD DETAIL

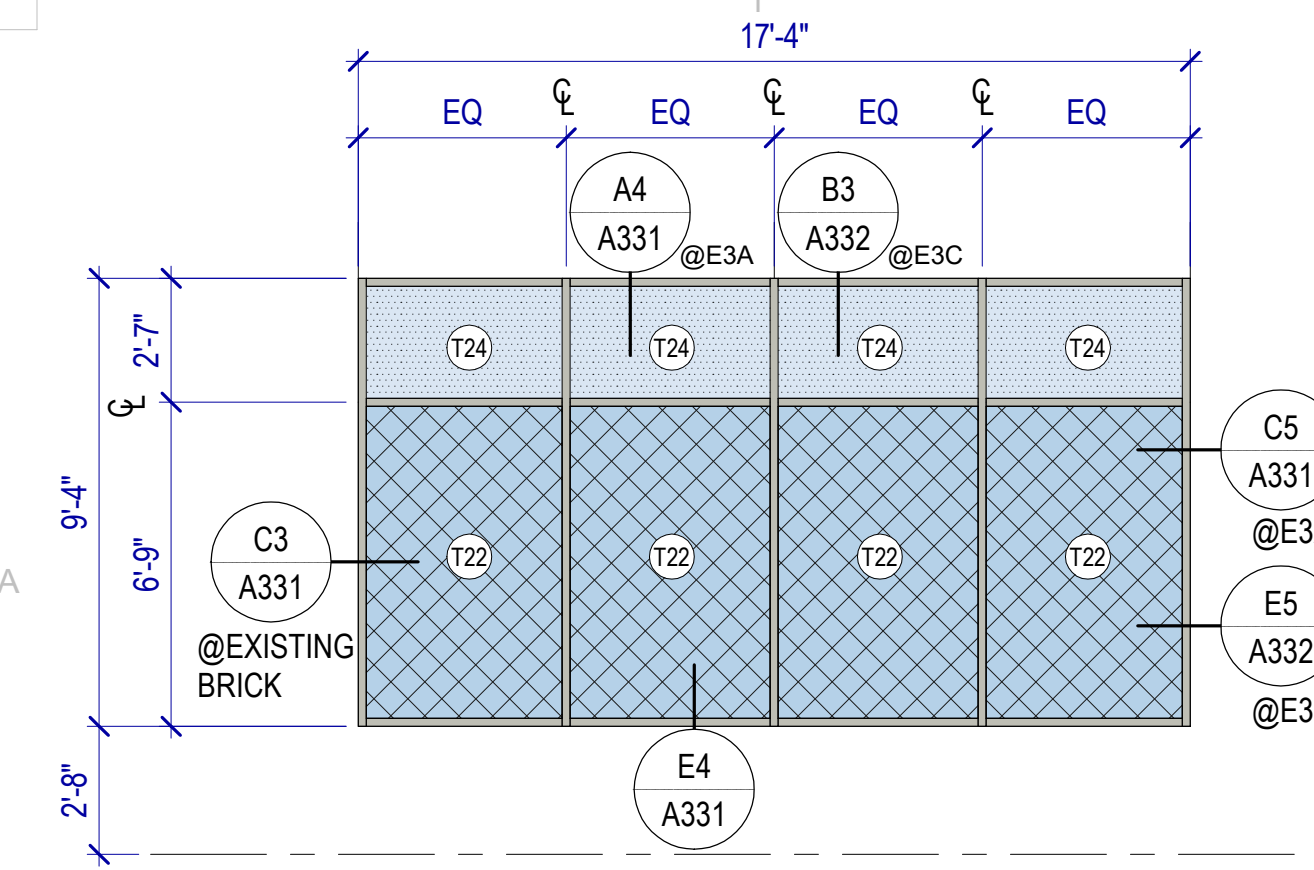
SCALE: 3" = 1'-0"



C5 PARTITION INTERSECTION

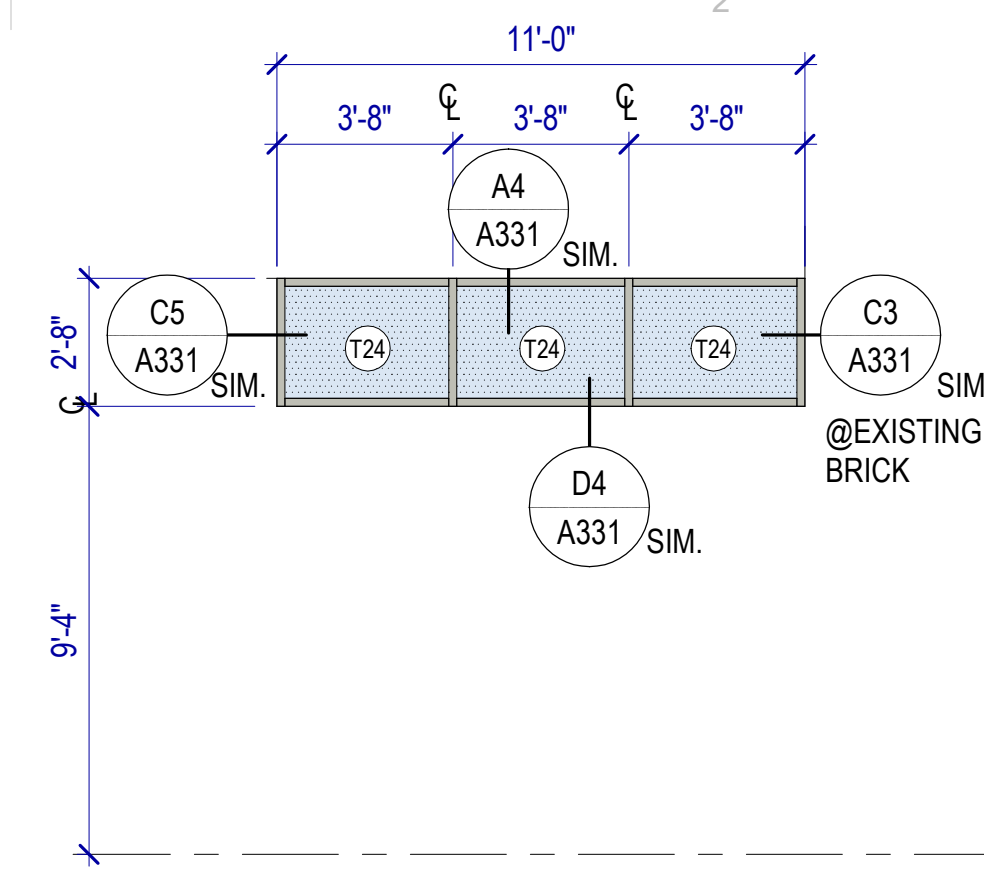
SCALE: 1 1/2" = 1'-0"





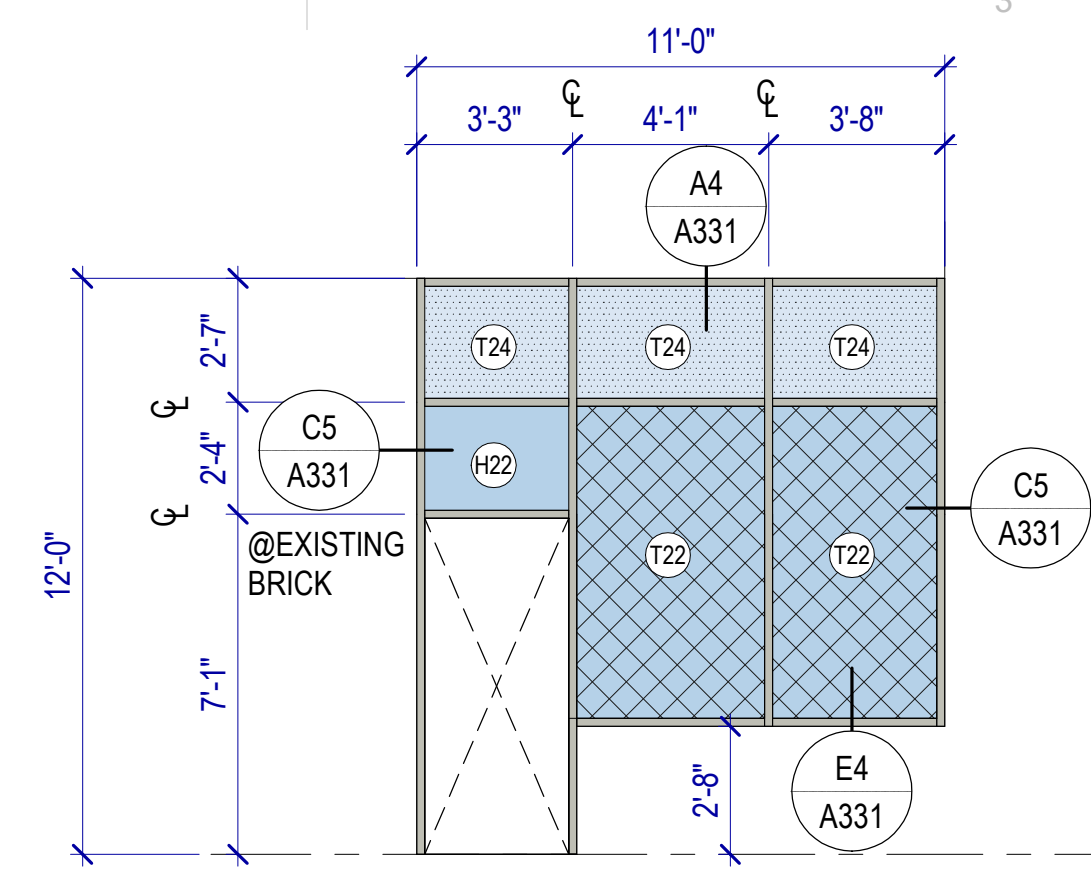
WINDOW TYPE 1

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



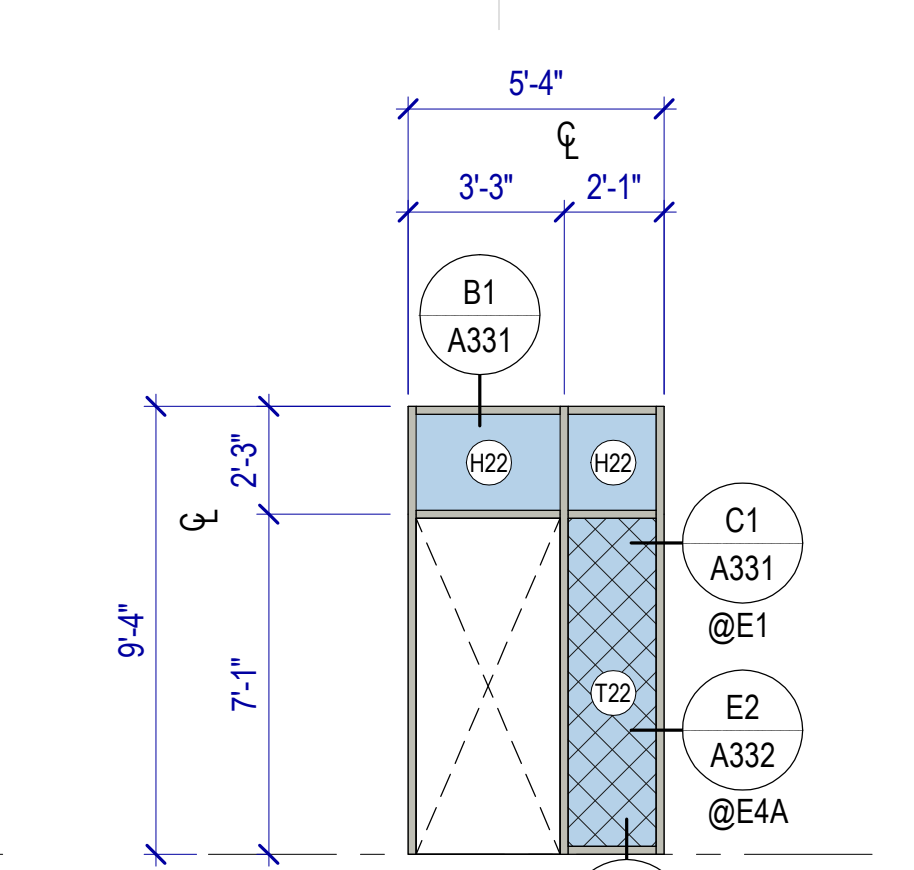
WINDOW TYPE 2

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



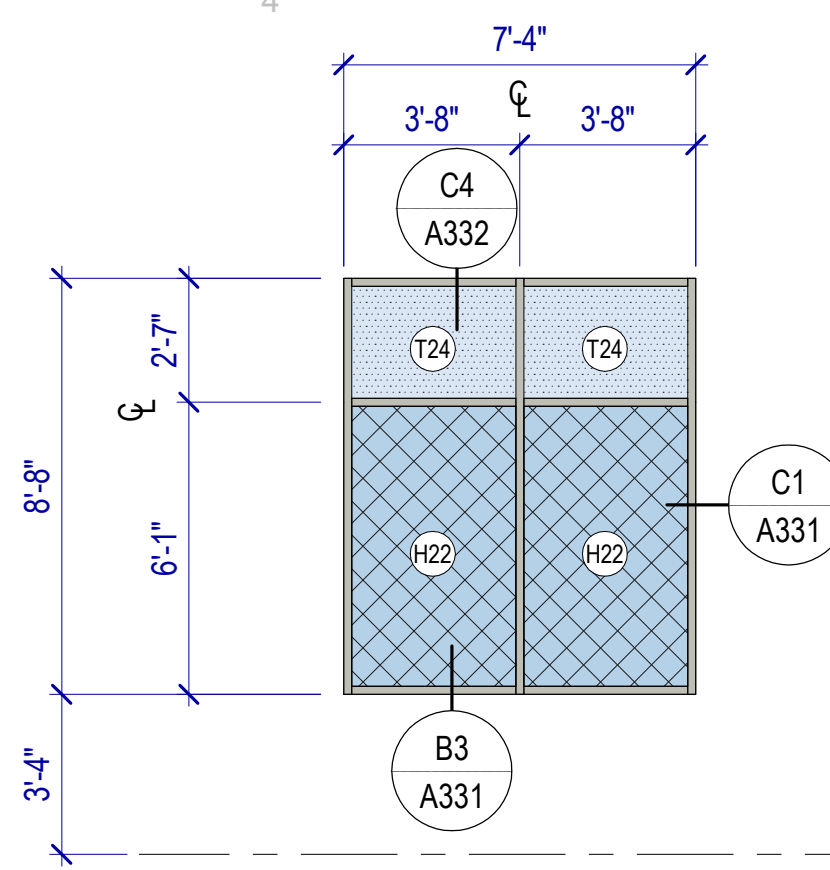
WINDOW TYPE 3

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



WINDOW TYPE 4

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



WINDOW TYPE 5

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

WINDOW TYPES GENERAL NOTES

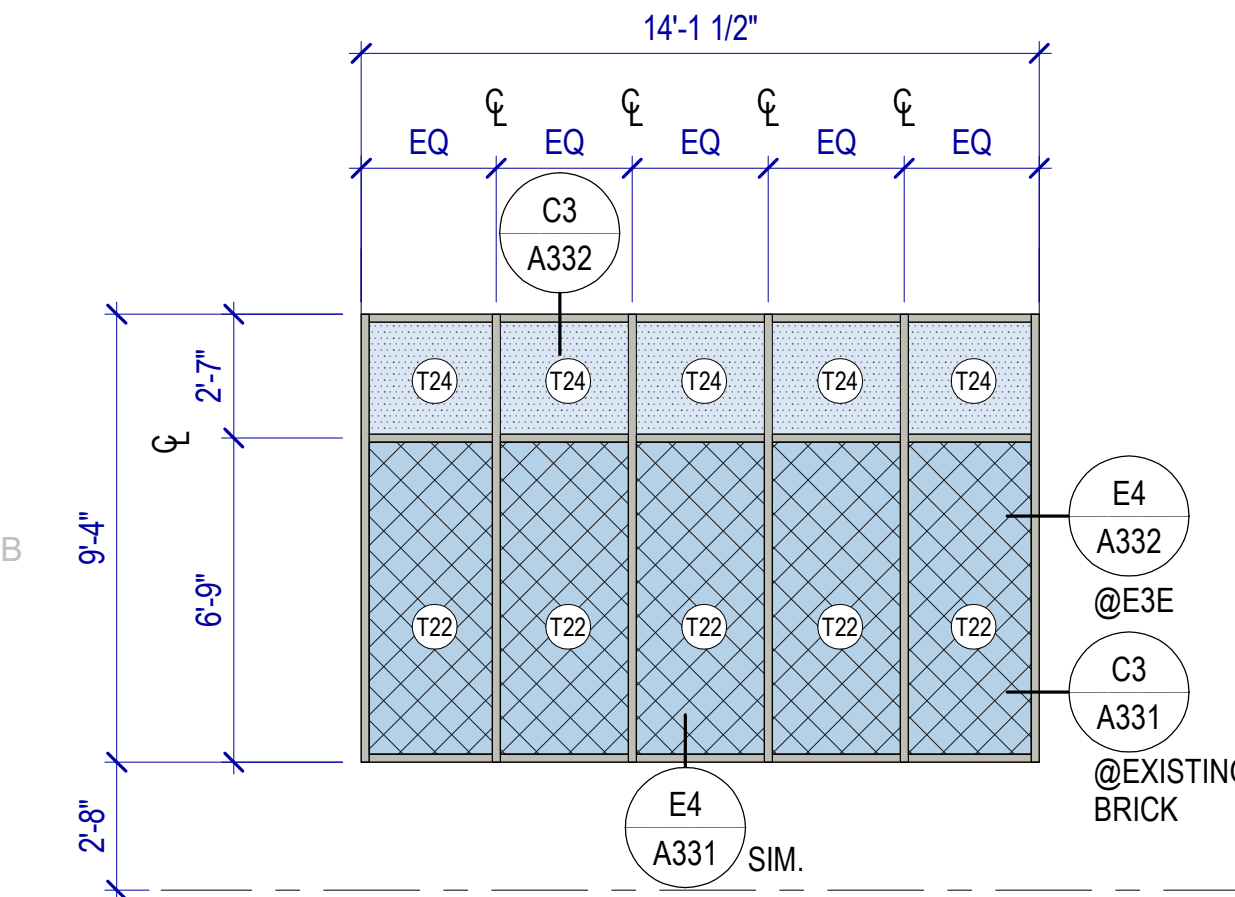
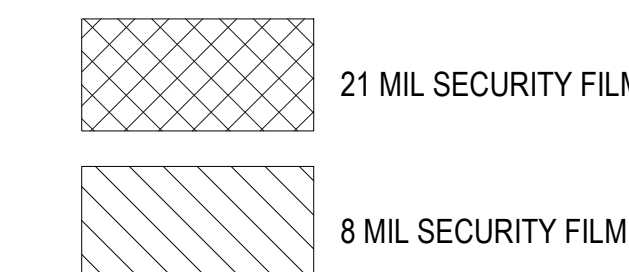
Window Frames: Frames are aluminum storefront, UNO. Finish as specified.

End Dams: Provide end dams at sill flashing.

Coordination: Coordinate all trades to provide complete systems, including, but not limited to framing, glazing, sealants, flashing, brake metal and backing.

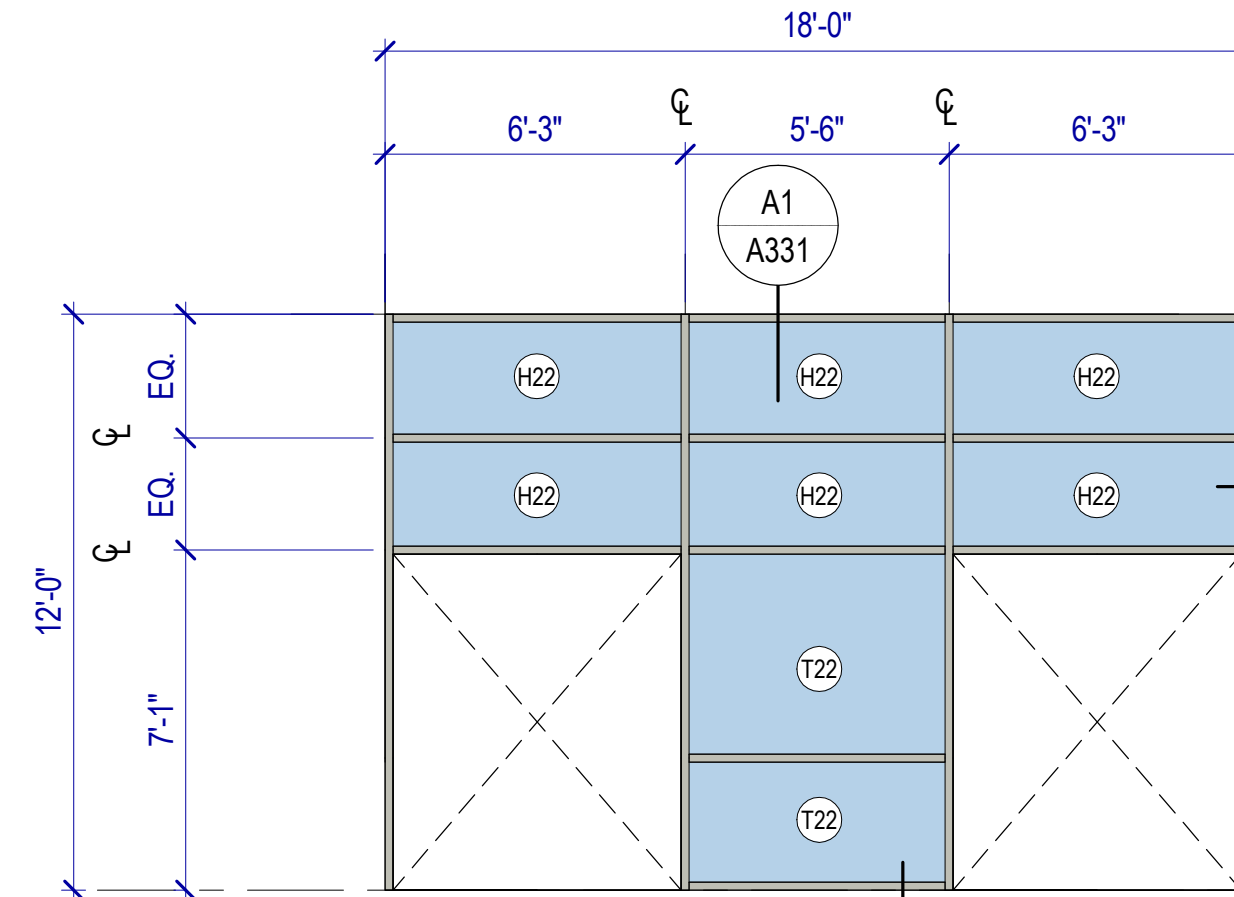
Code	Description
1	CLEAR SILICONE SEALANT, CONTINUOUS
A01	6mm (1/4") CLEAR ANNEALED FLOAT GLASS
H22	1" LOW-E COATED, CLEAR HEAT-STRENGTHENED INSULATING GLASS
T01	6mm (1/4") CLEAR TEMPERED FLOAT GLASS
T02	12mm (1/2") CLEAR TEMPERED FLOAT GLASS
T22	1" LOW-E COATED, CLEAR TEMPERED INSULATING GLASS
T24	1" LOW-E COATED, INSULATING SPANDREL GLASS

GLAZING LEGEND



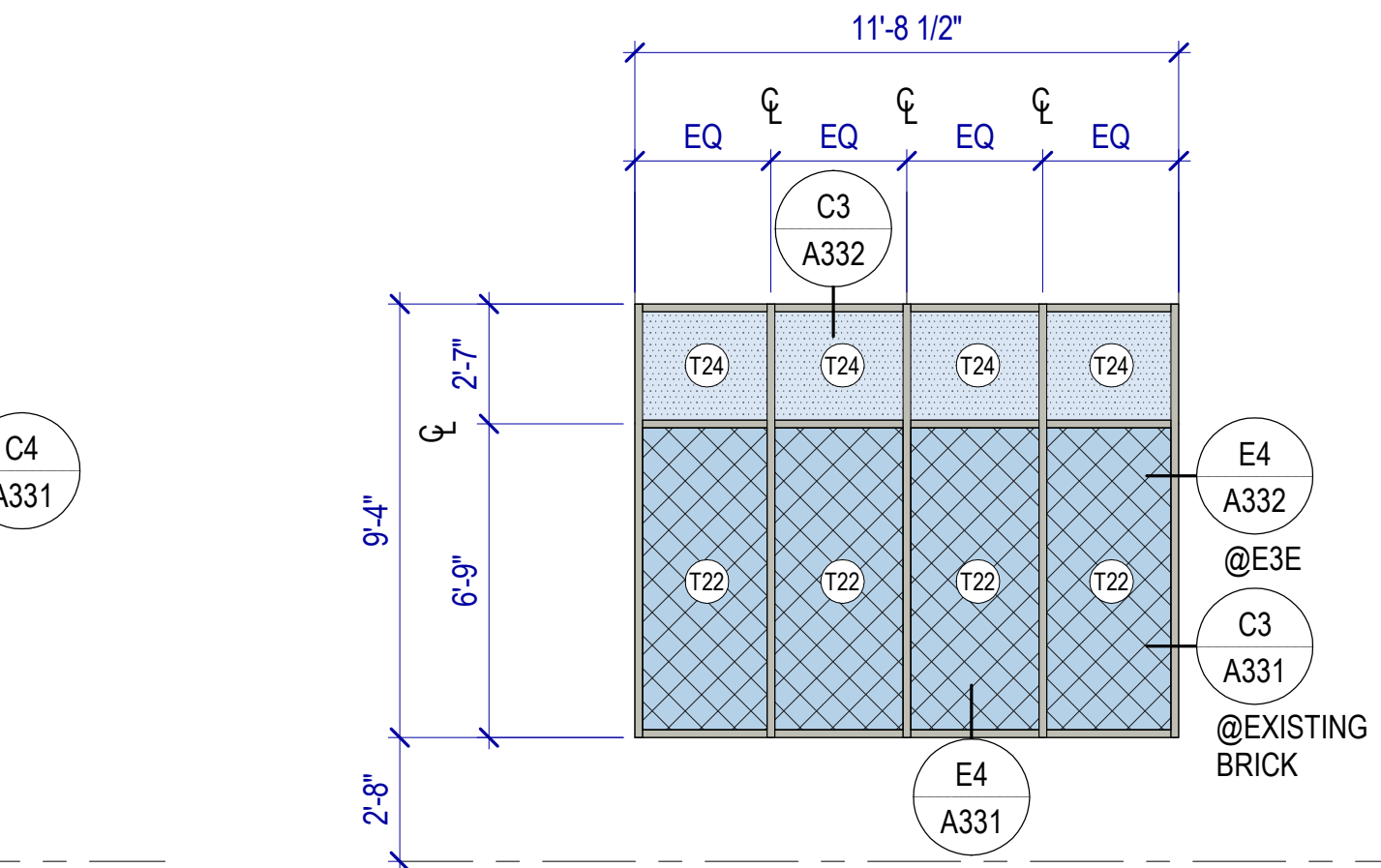
WINDOW TYPE 6

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



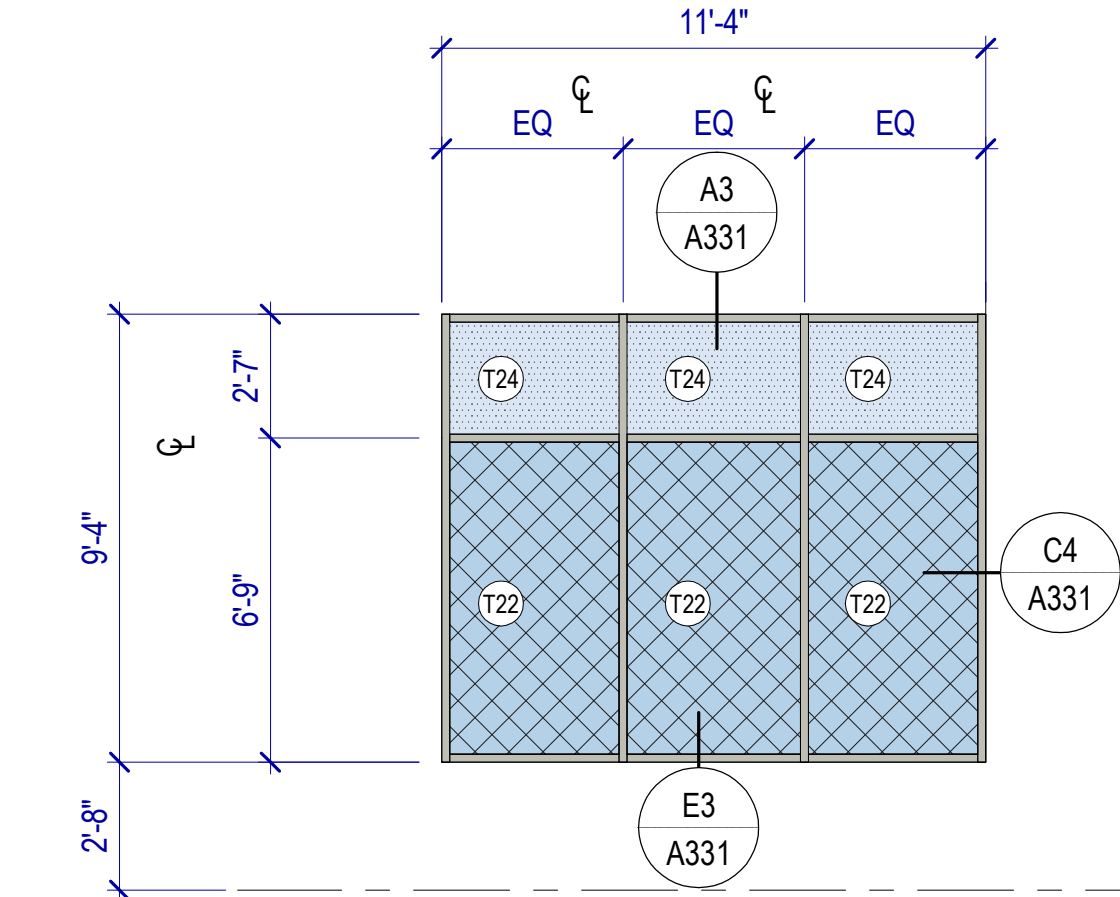
WINDOW TYPE 7

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



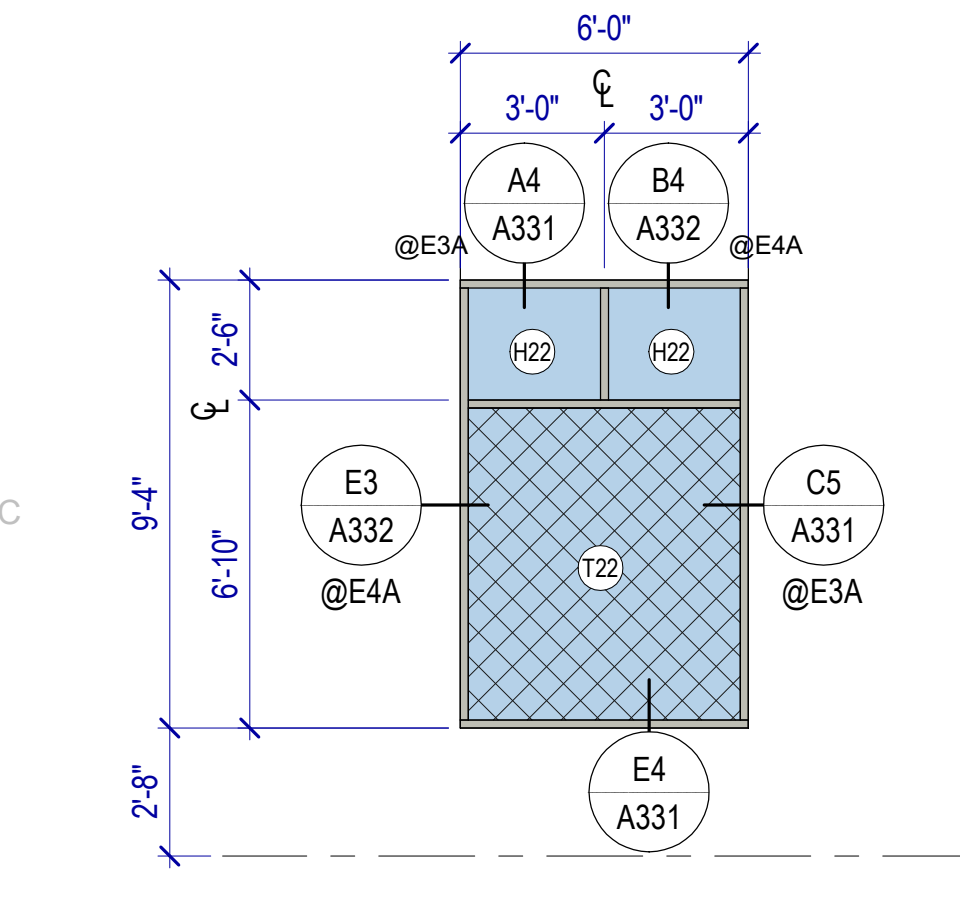
WINDOW TYPE 8

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



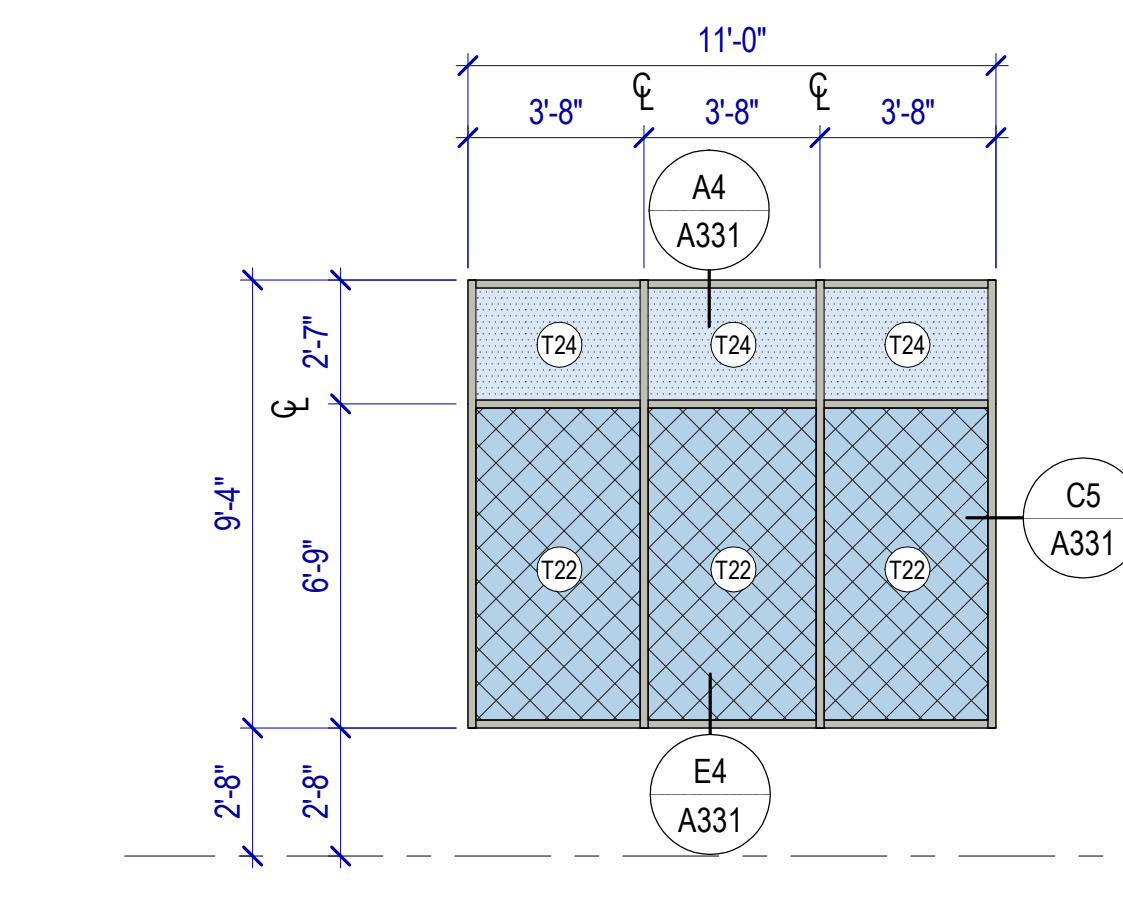
WINDOW TYPE 9

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



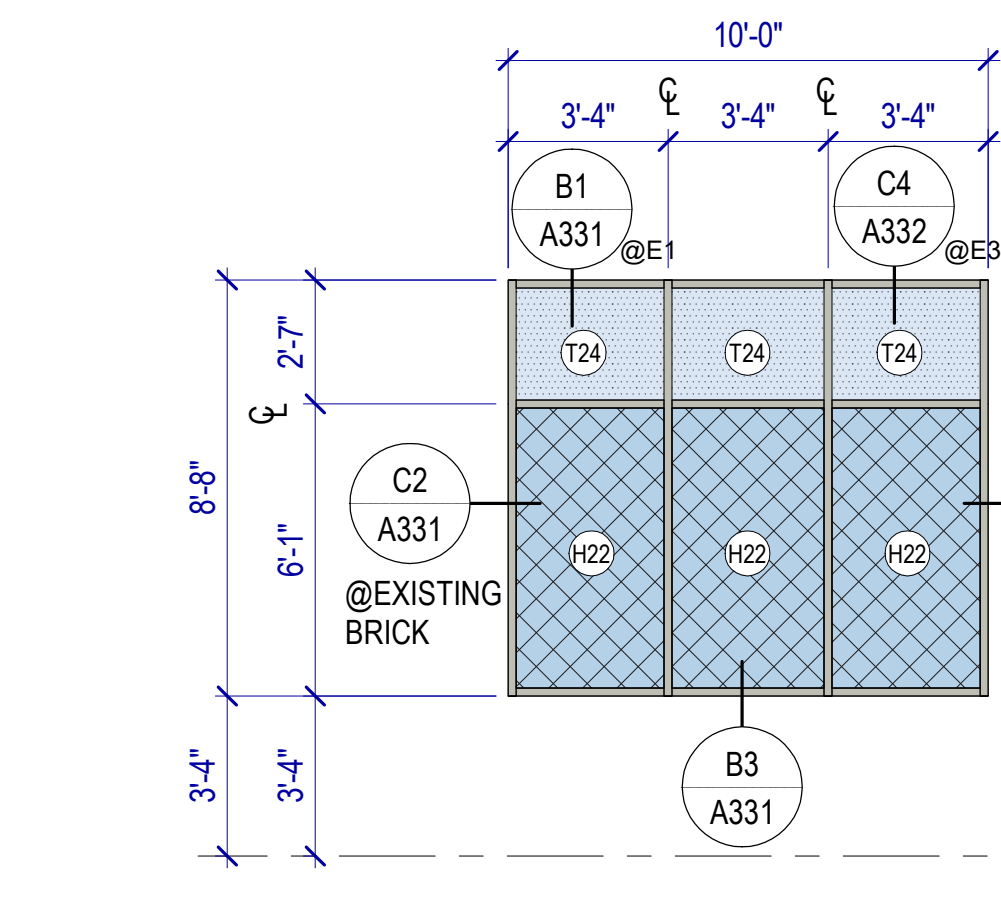
WINDOW TYPE 10

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



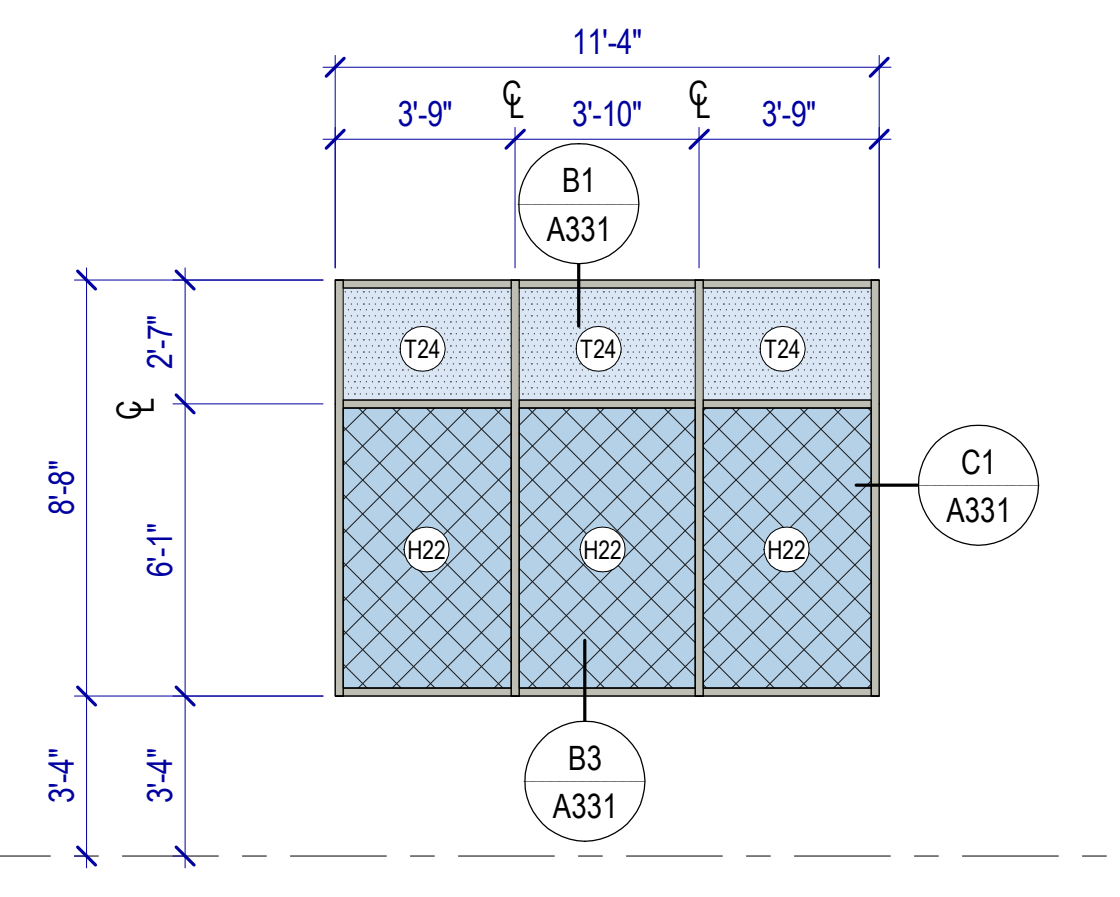
WINDOW TYPE 11

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



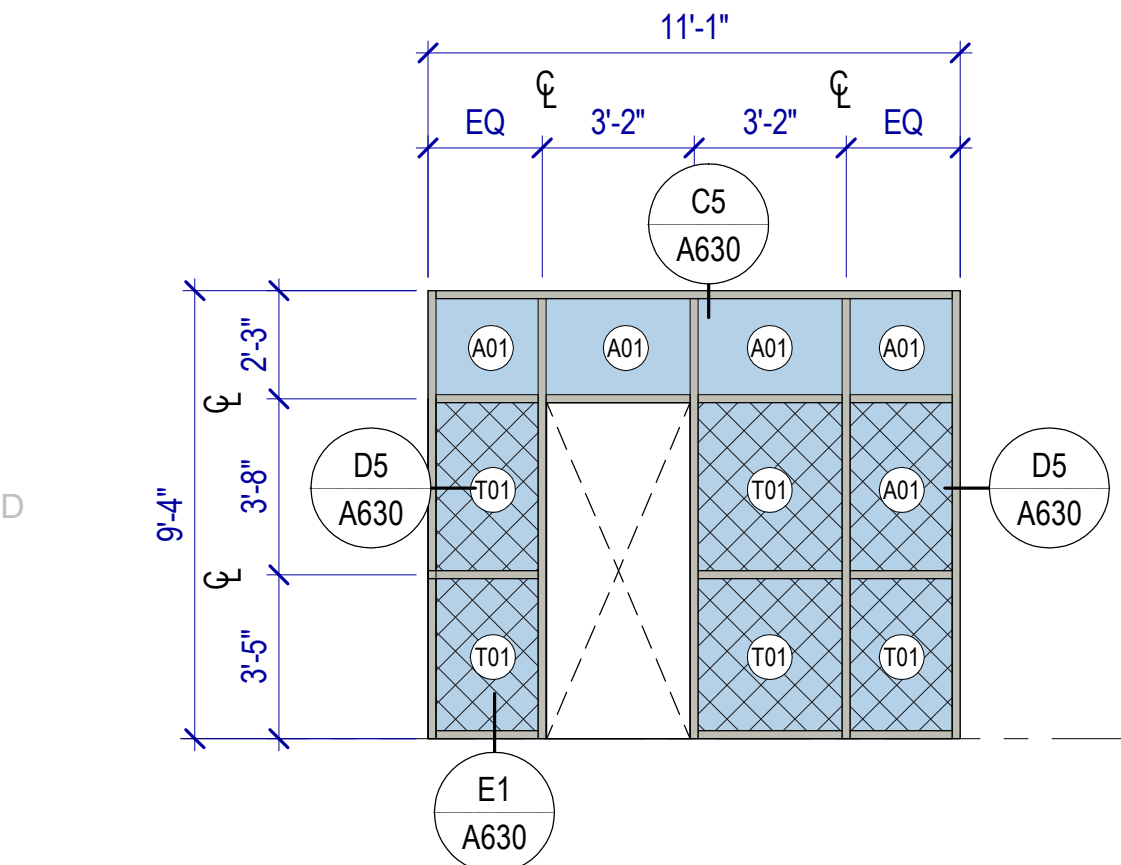
WINDOW TYPE 12

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



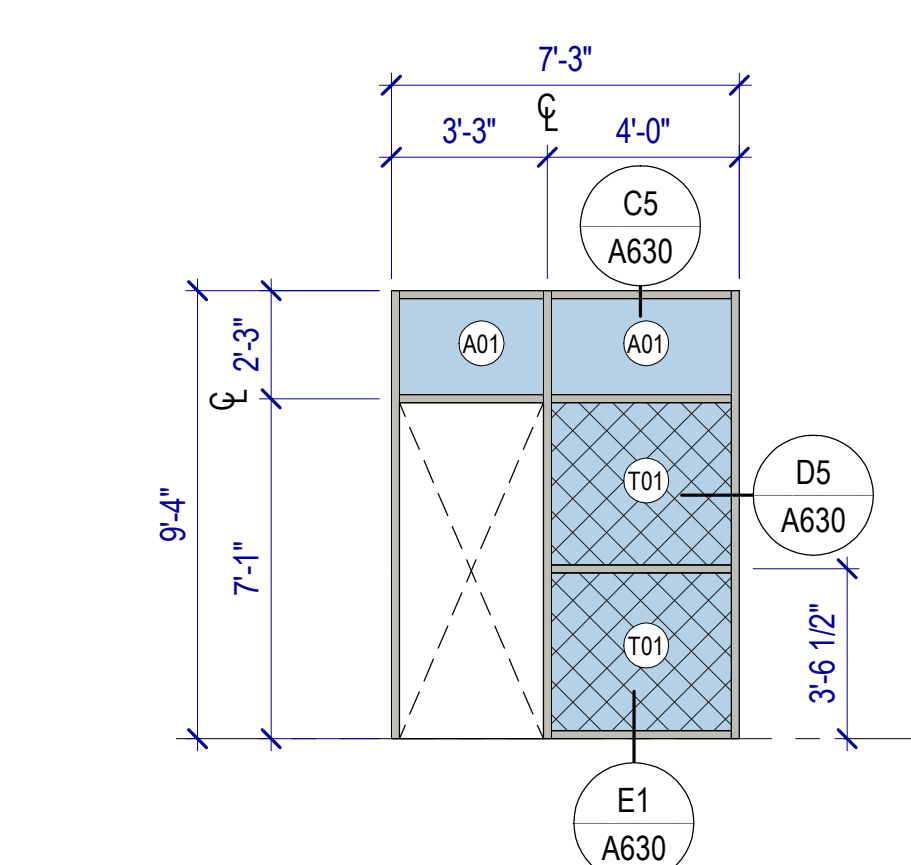
WINDOW TYPE 13

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



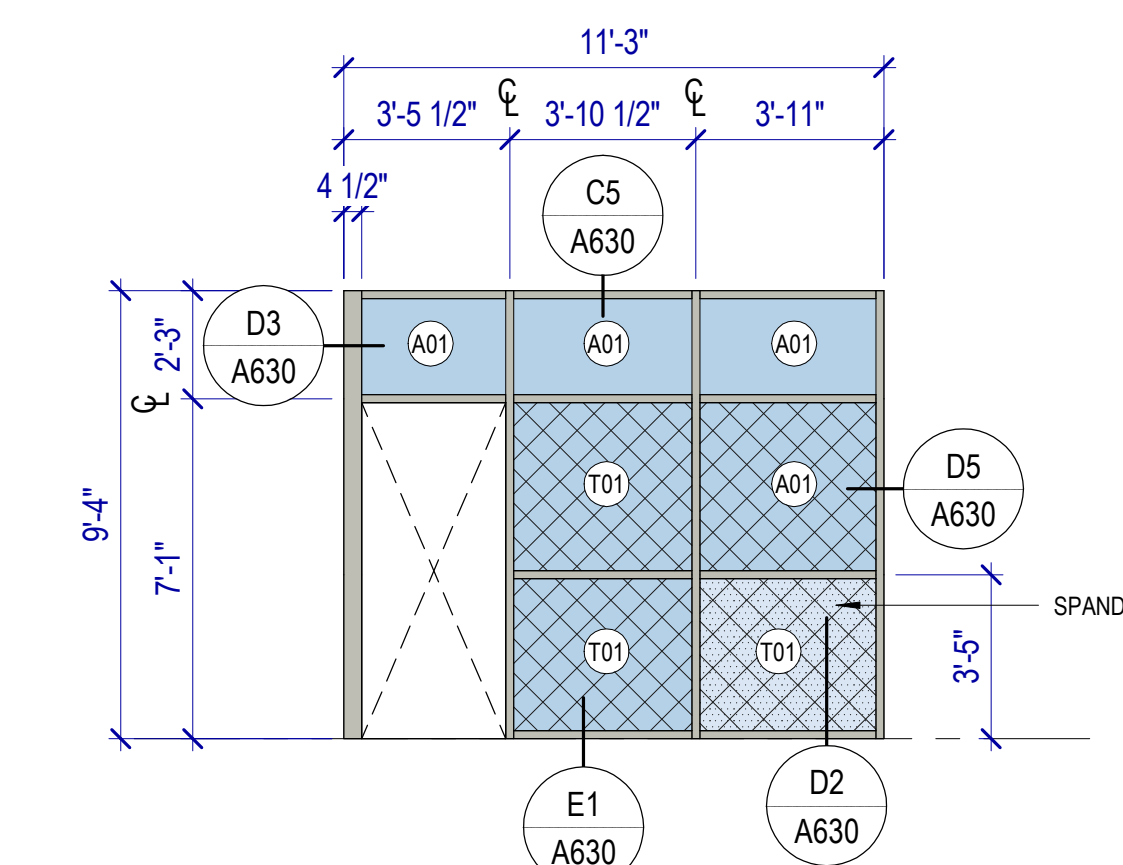
WINDOW TYPE IN1

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



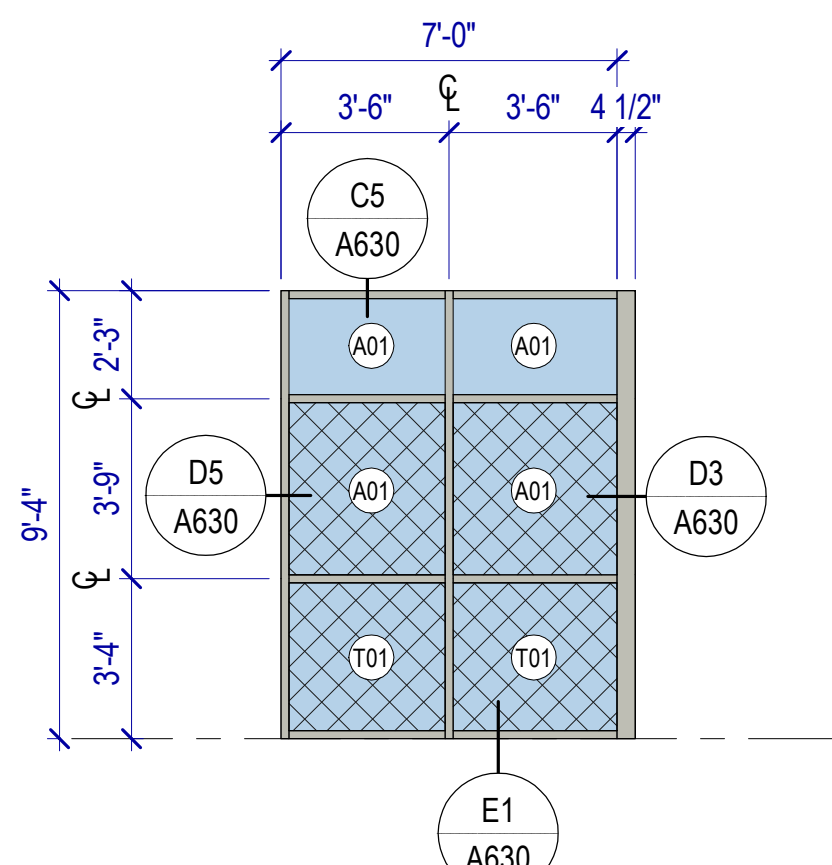
WINDOW TYPE IN2

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



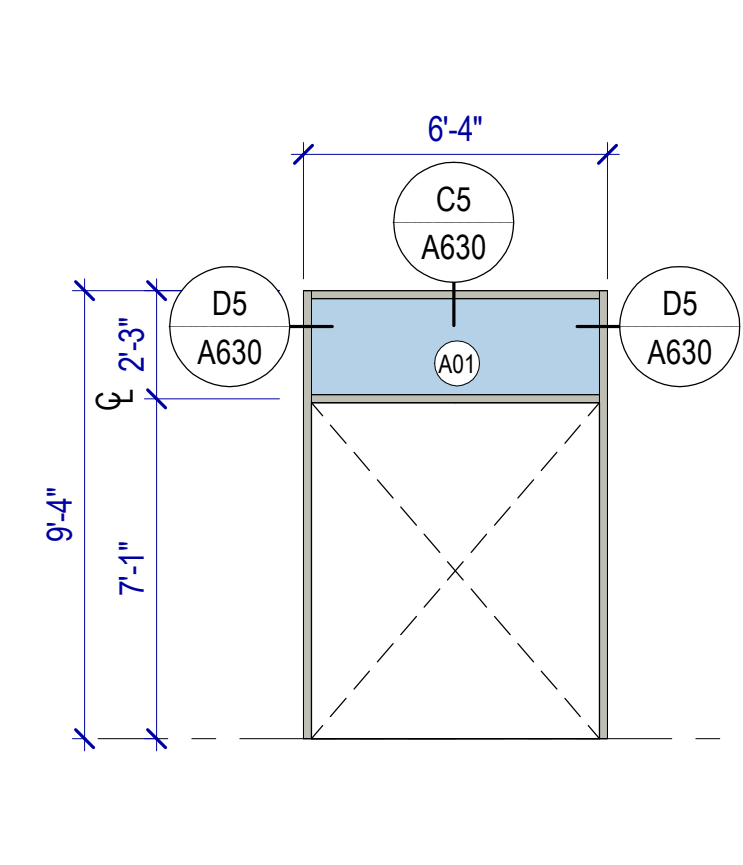
WINDOW TYPE IN3A

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



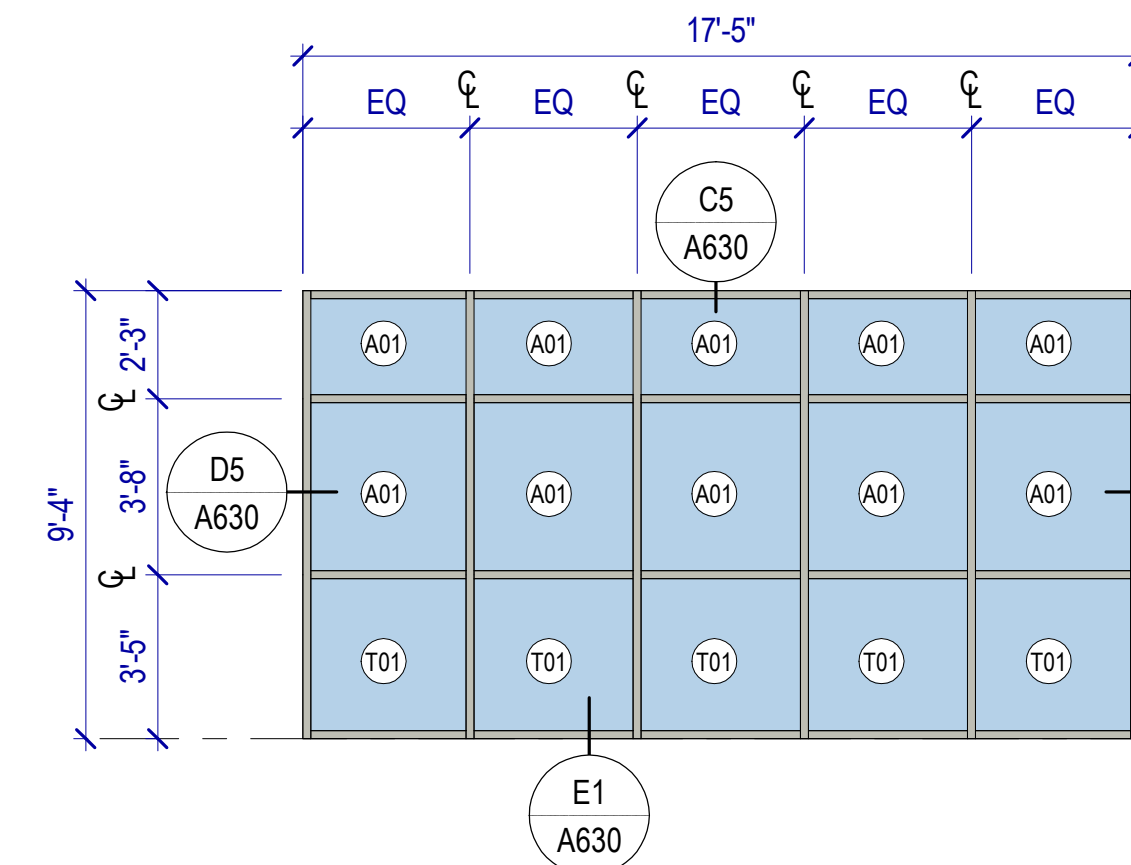
WINDOW TYPE IN3B

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



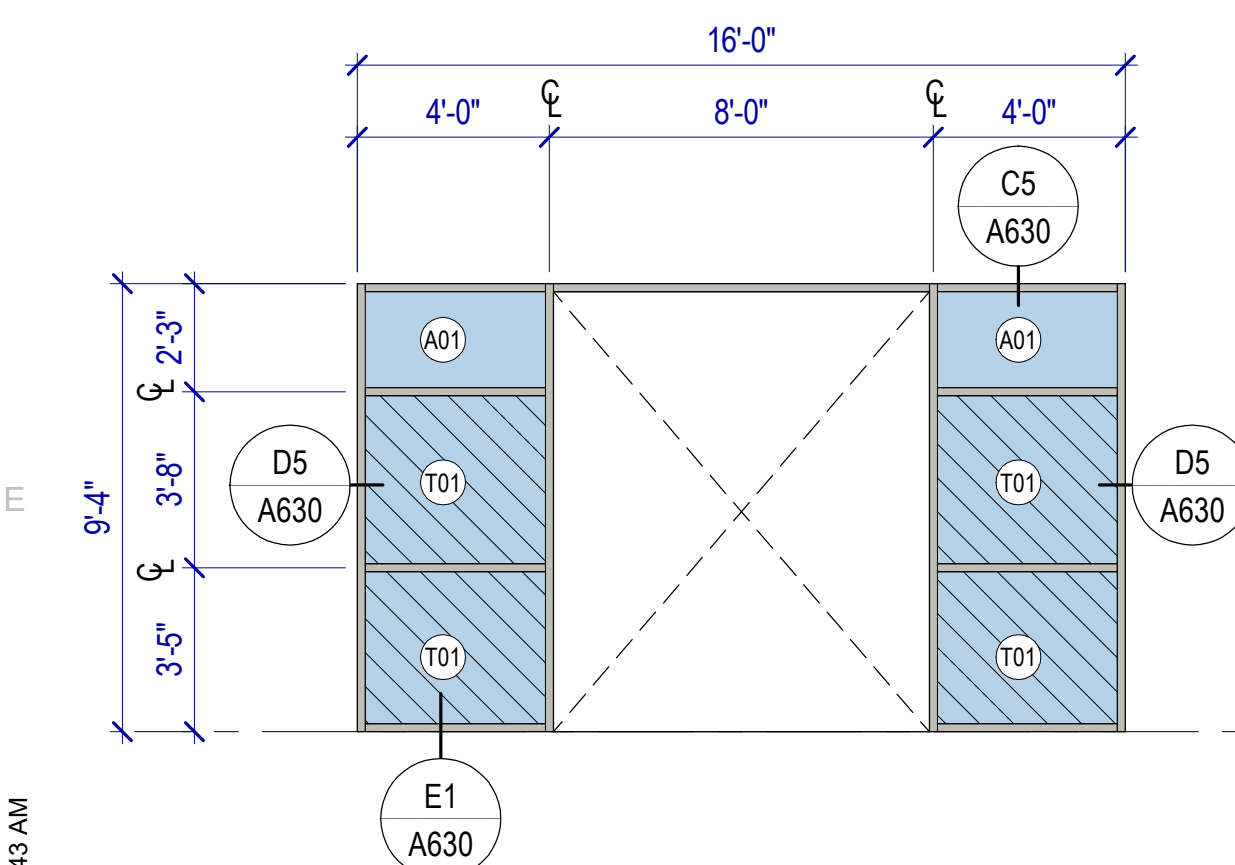
WINDOW TYPE IN4

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



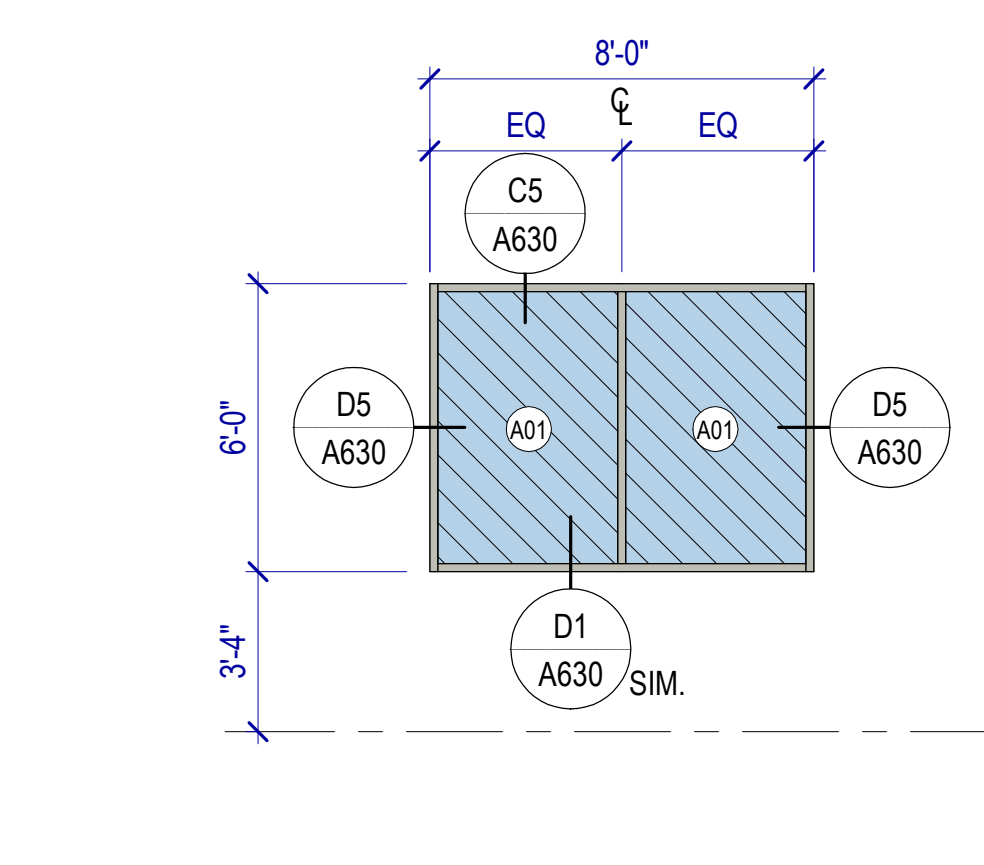
WINDOW TYPE IN5

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



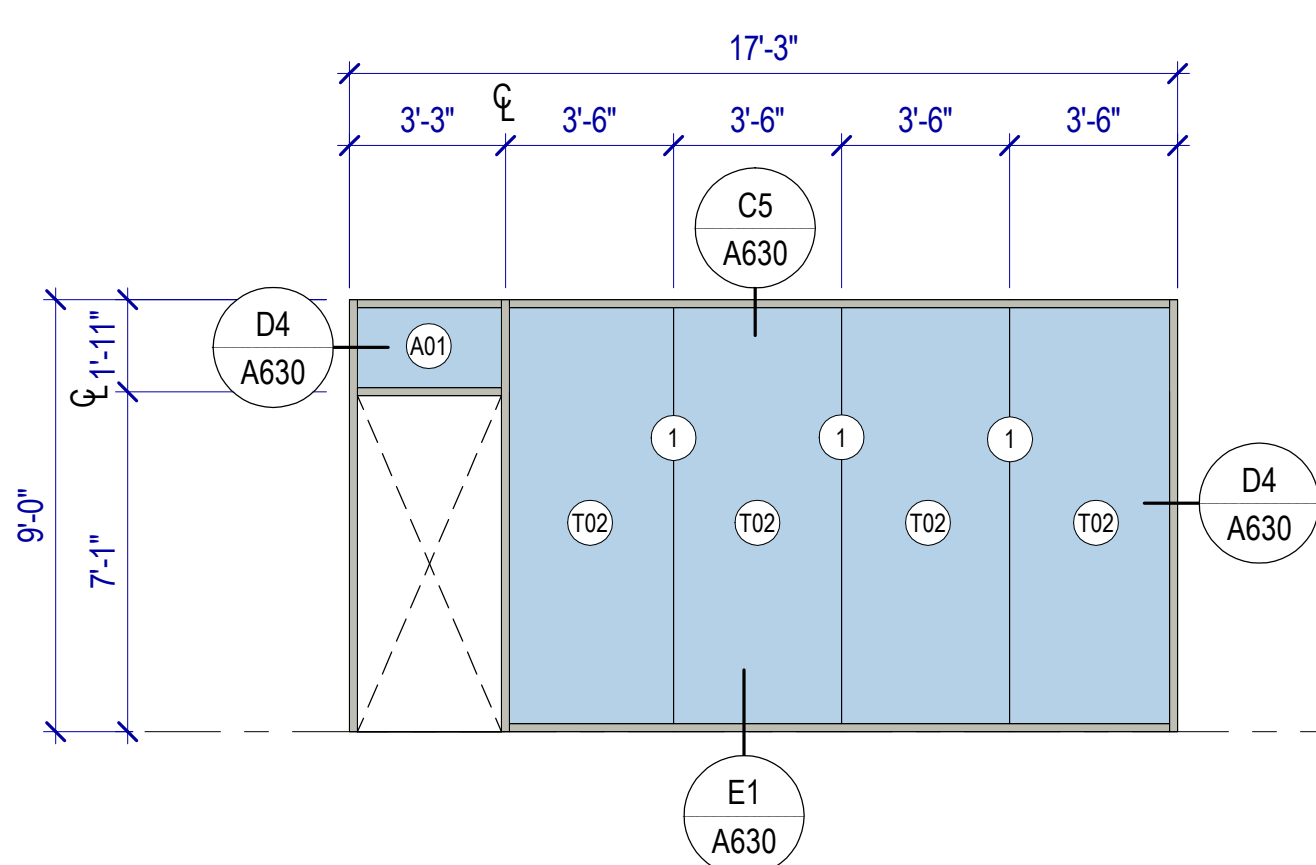
WINDOW TYPE IN6

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



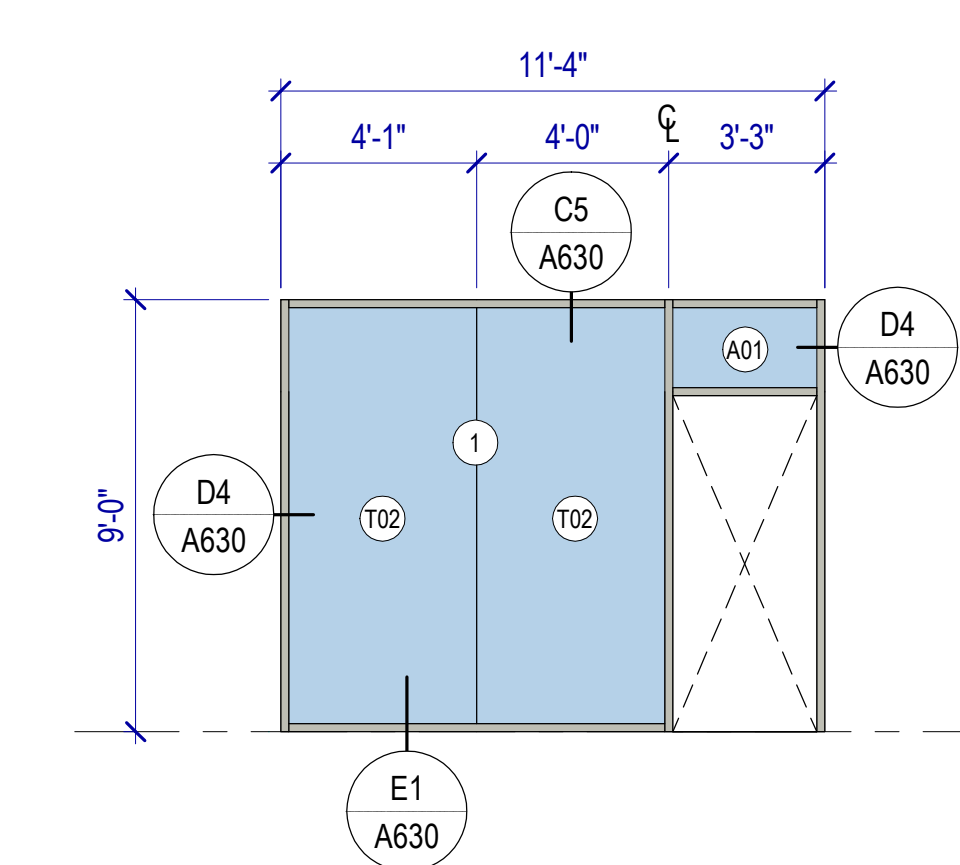
WINDOW TYPE IN7

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



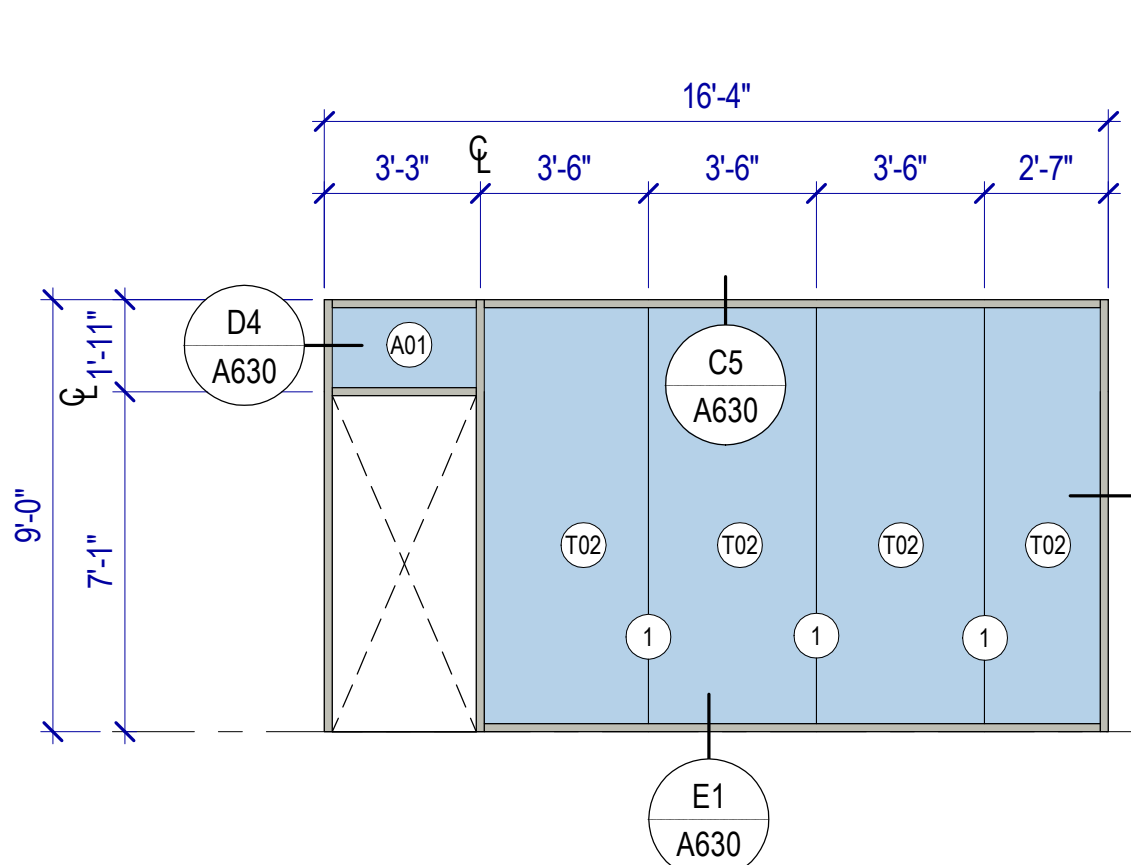
WINDOW TYPE IN8

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



WINDOW TYPE IN9

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



WINDOW TYPE IN10

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

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SEAL
CLIFFORD HOWARD CURTIS
No. PLS-16-0003
28 AUGUST 2024
LICENSED ARCHITECT
UTAH

MHTN PROJECT NO: 2024528

Original Drawing is 30" x 42". Do not scale contents of this drawing.

REVISIONS:

NO.	DATE	DESCRIPTION

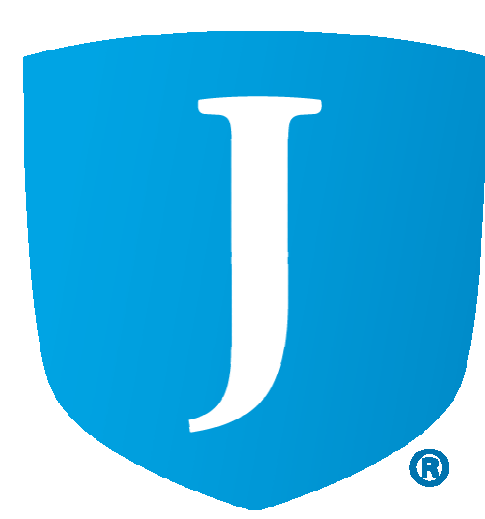
ISSUE CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME: WINDOW TYPES

SHEET NUMBER:

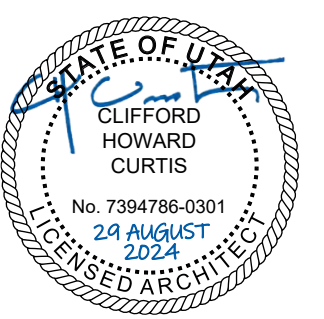
A620

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MHTN PROJECT NO. 2024528

Original drawing is 30" x 42". Do not scale contents of this drawing.

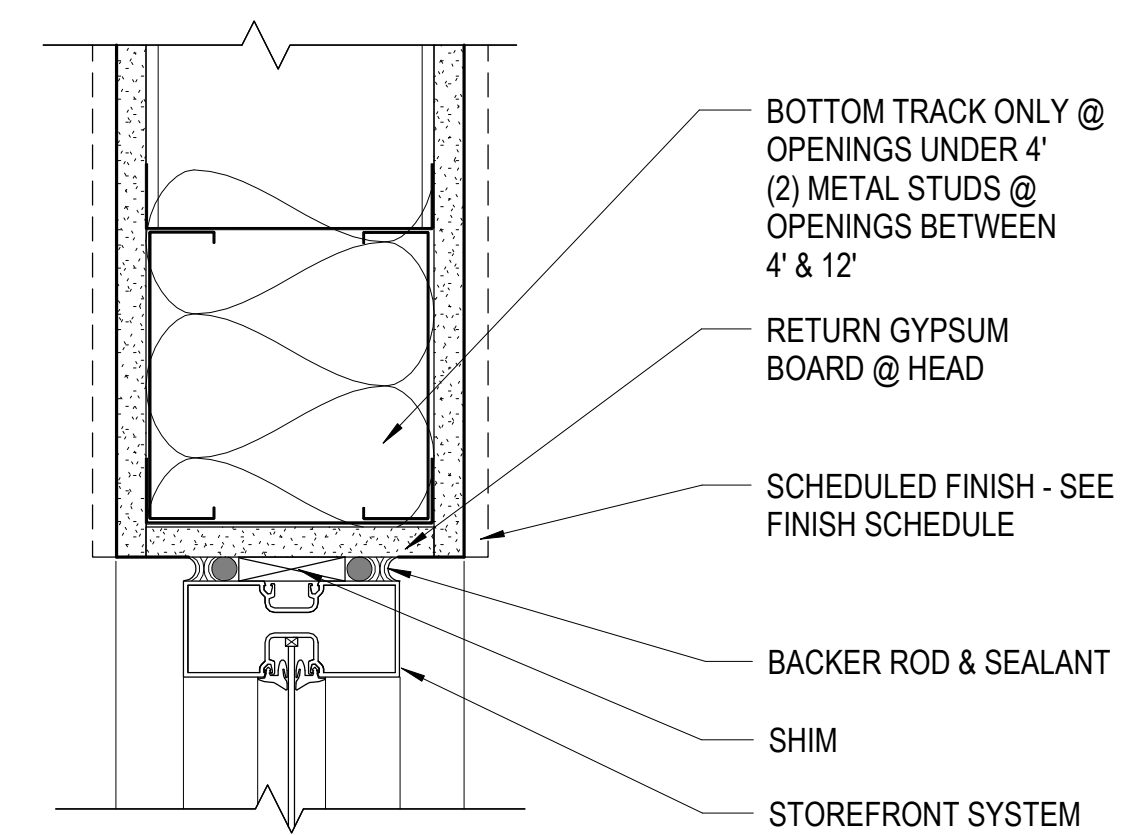
REVISIONS:		
NO.	DATE	DESCRIPTION

ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

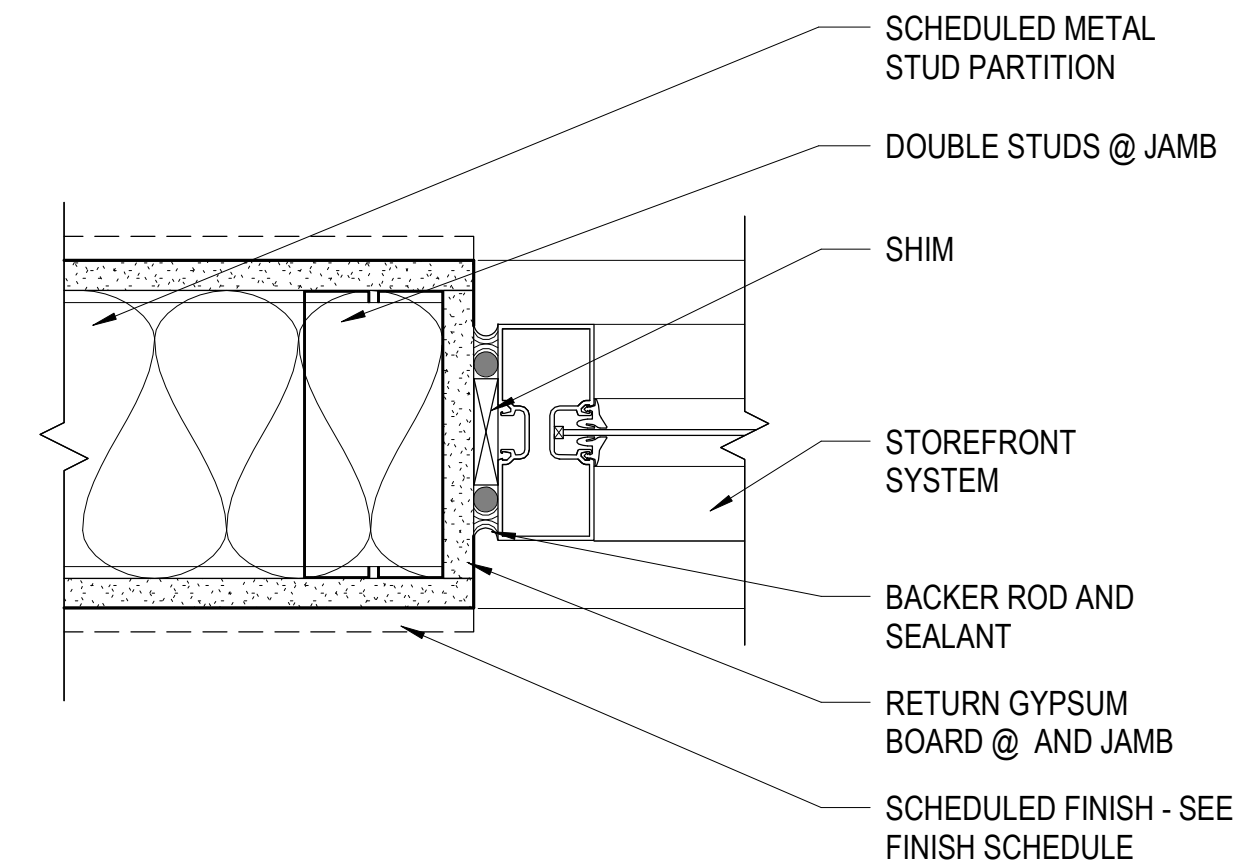
SHEET NAME
WINDOW DETAILS

SHEET NUMBER

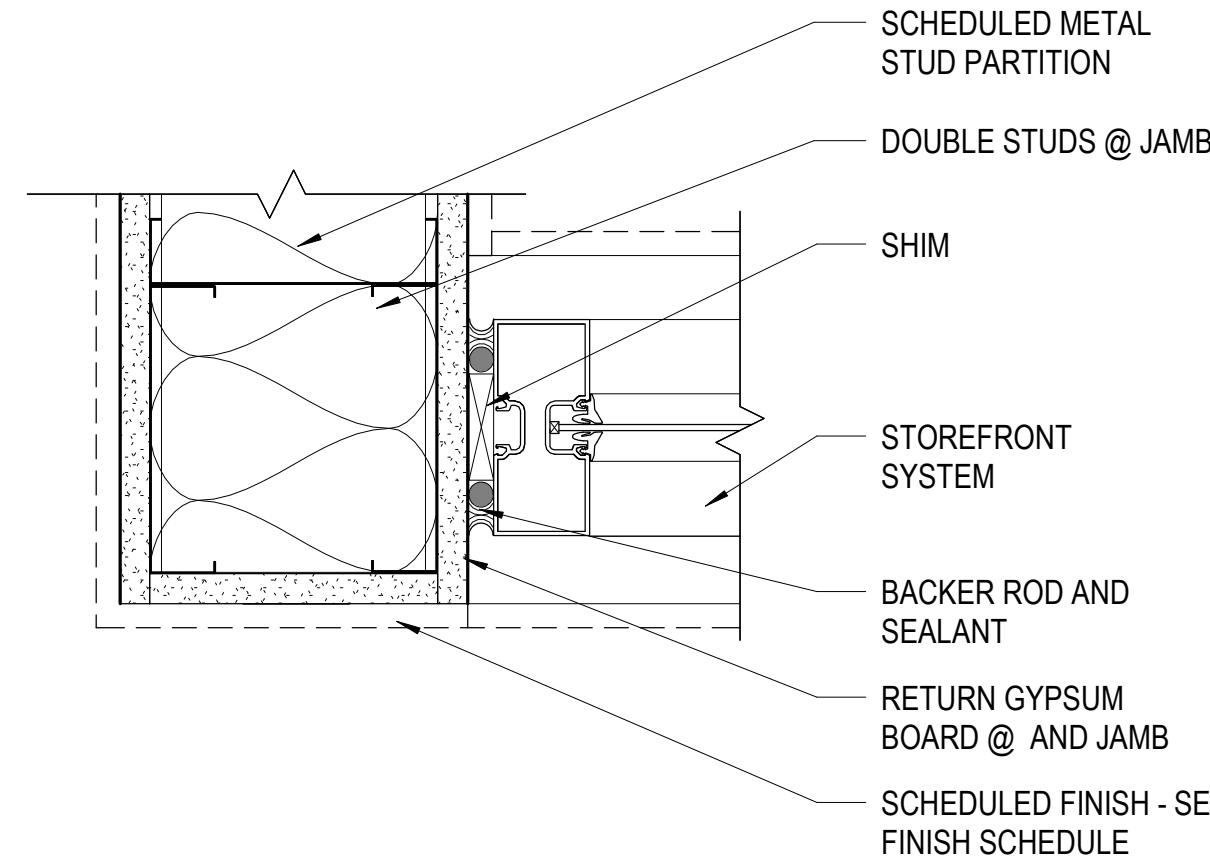
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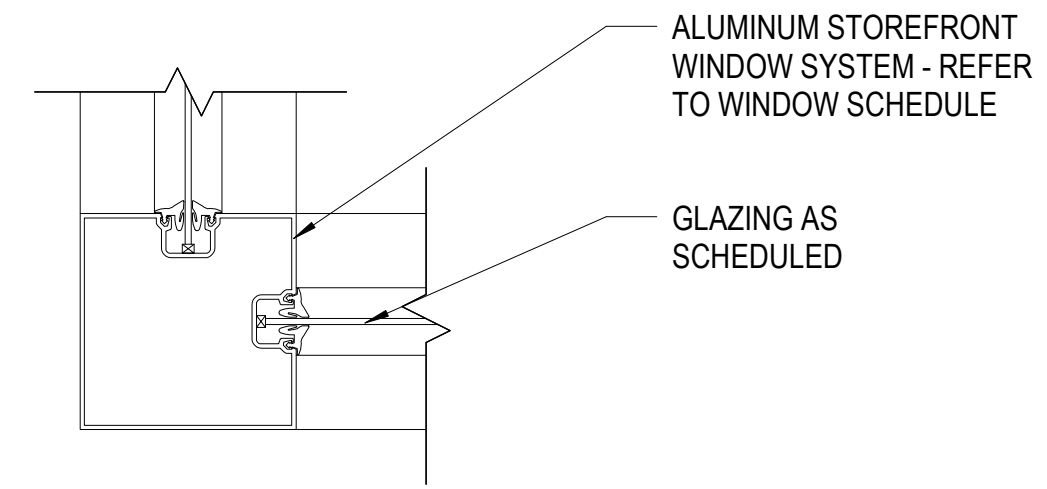
C5 HEAD DETAIL
SCALE: 3" = 1'-0"



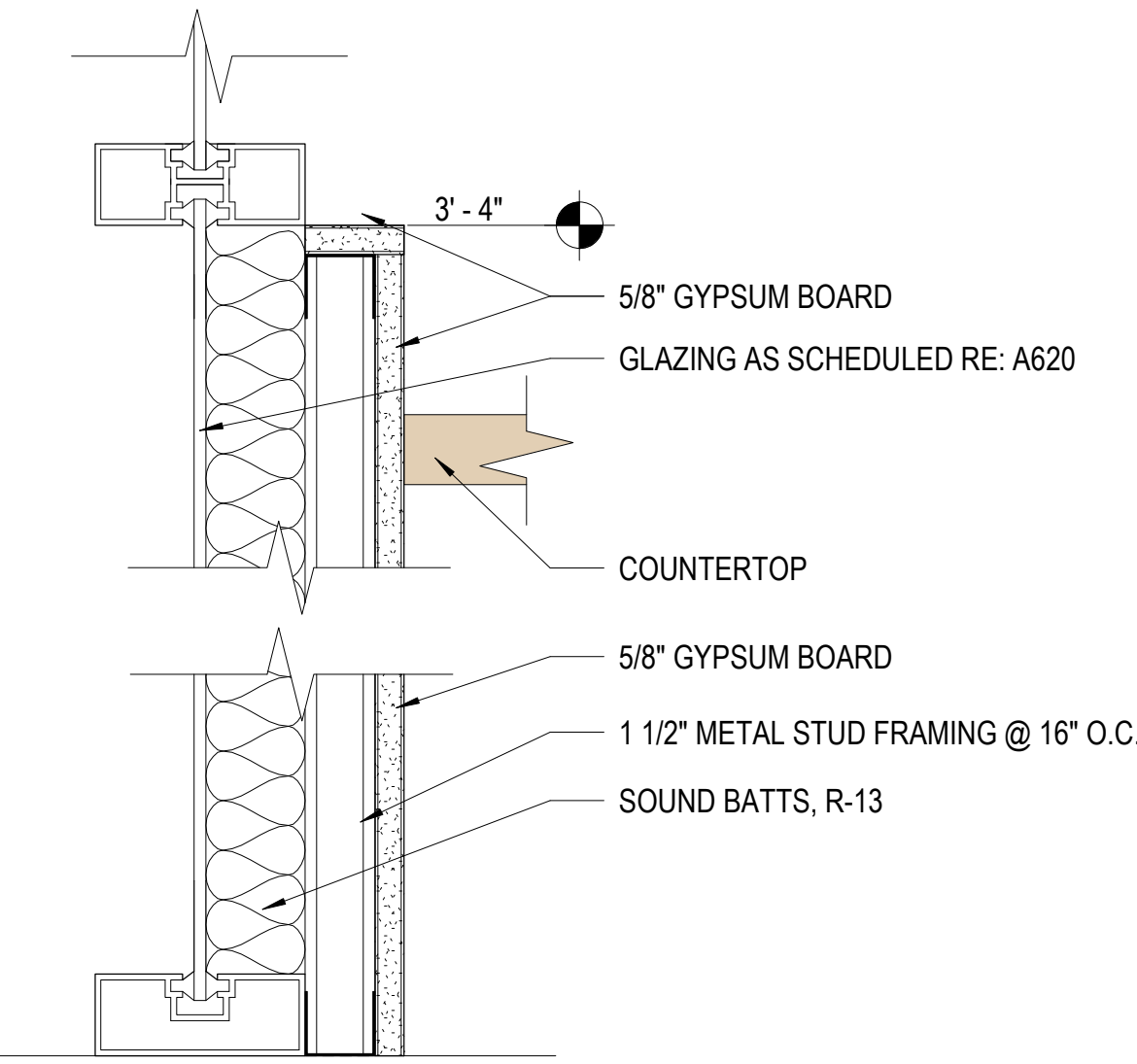
D5 JAMB DETAIL
SCALE: 3" = 1'-0"



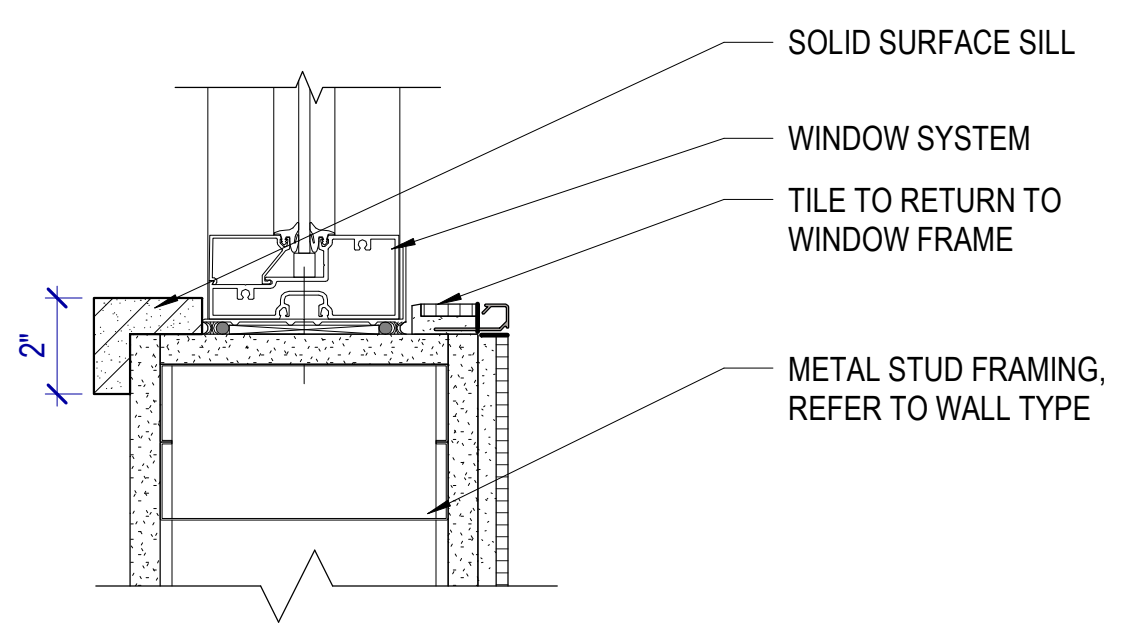
D4 JAMB DETAIL
SCALE: 3" = 1'-0"



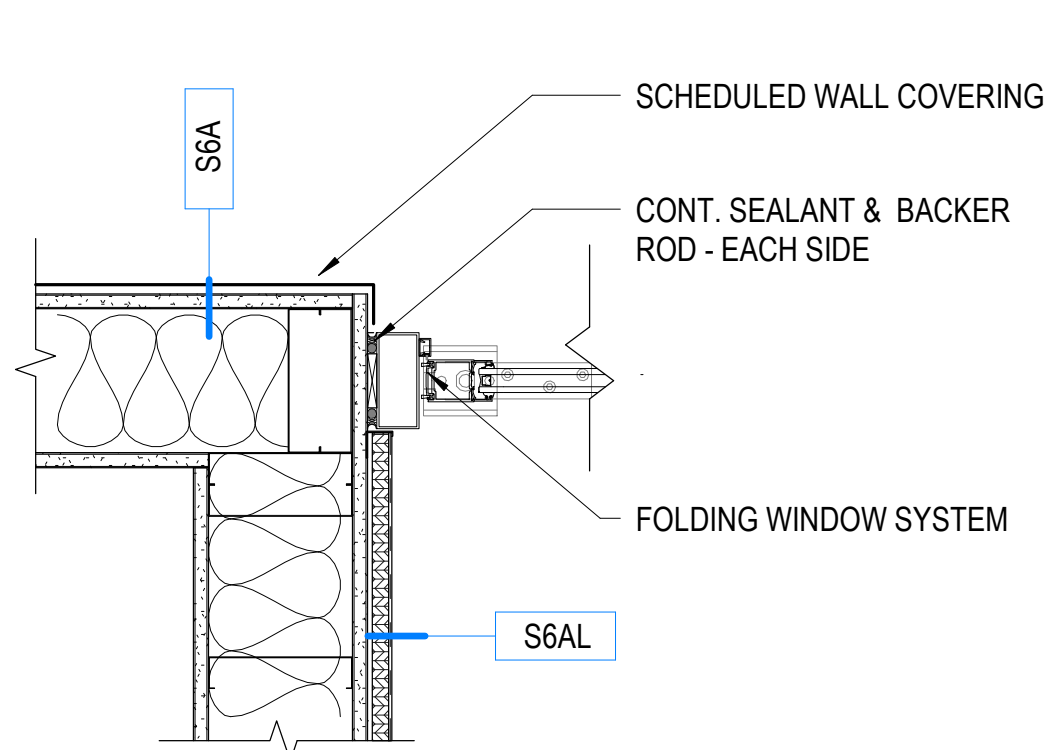
D3 JAMB DETAIL
SCALE: 3" = 1'-0"



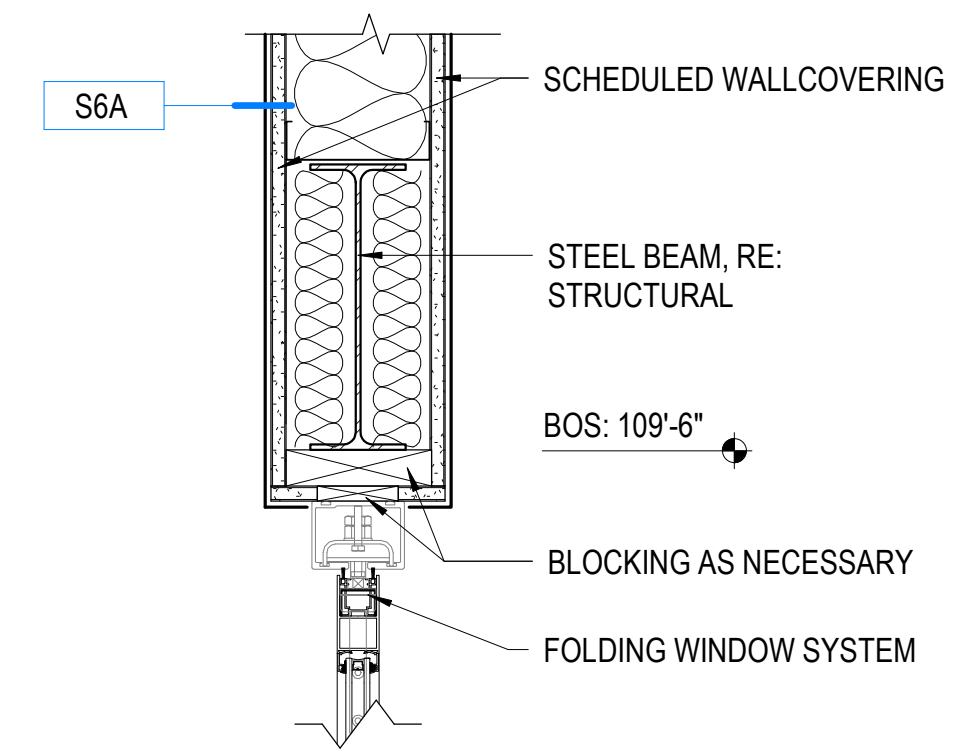
D2 CASEWORK SPANDREL
SCALE: 3" = 1'-0"



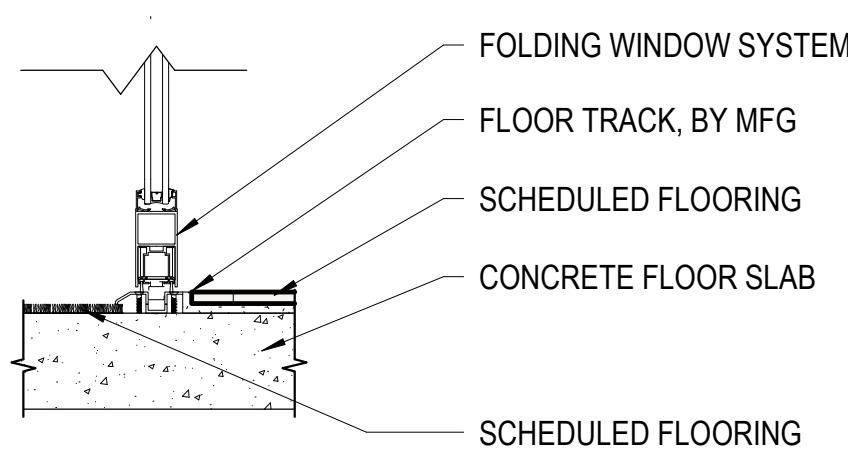
D1 INTERIOR WINDOW SILL DETAIL
SCALE: 3" = 1'-0"



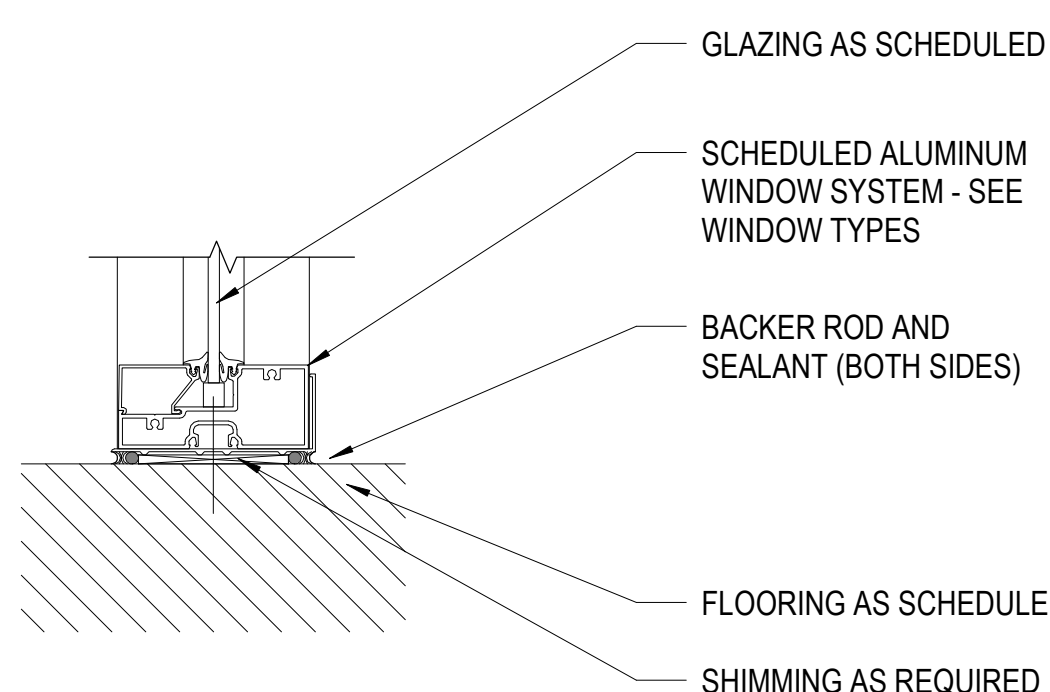
E4 JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



E3 JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



E2 SILL DETAIL
SCALE: 1 1/2" = 1'-0"



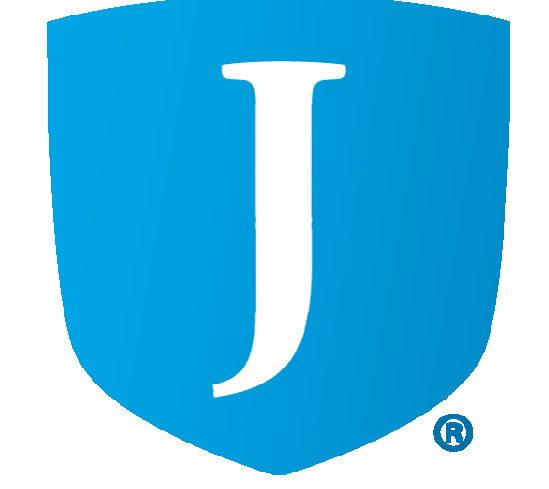
E1 INTERIOR WINDOW SILL DETAIL
SCALE: 3" = 1'-0"

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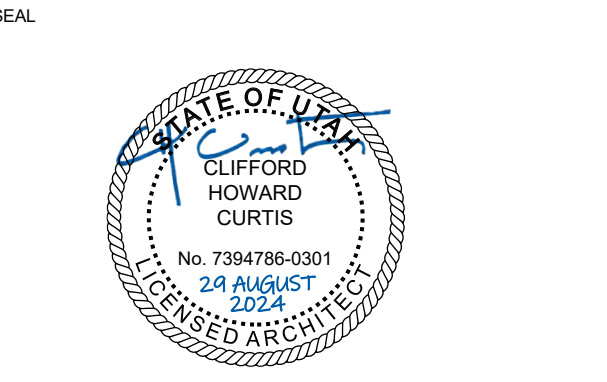


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MHTN PROJECT NO. 2024528

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NO.	DATE	DESCRIPTION

ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME
FINISH SCHEDULE AREA B

SHEET NUMBER

A640B

FINISH SCHEDULE AREA B															
RM #	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL				CEILING FINISH	CABINET FINISH	COUNTER TOP FINISH	REMARKS	RM #			
				NORTH WALL FINISH	EAST WALL FINISH	SOUTH WALL FINISH	WEST WALL FINISH								
B100	LOBBY	SEE PLAN	TB1	WC1	WC1, WP1, PT2	WC1	WC1, WP1, PT4, PT5	SEE RCP				B100			
B101	TECH SPECIALIST	SEE PLAN	RB1	PT1	PT1	PT1	PT1	SEE RCP	PL1	PL4		B101			
B103	VIRTUAL SCHOOLS RECEPTION	SEE PLAN	RB1	PT1	PT1	PT1, WC3	PT1	SEE RCP	PL1	SS1		B103			
B104	CORRIDOR	SEE PLAN	RB1	PT1	PT1	PT1	PT1	SEE RCP				B104			
B105	CREDIT CENTER	SEE PLAN	RB1	PT1	PT1, PT4	PT1	PT1	SEE RCP	PL1	SS1		B105			
B106	CREDIT SPECIALIST	SEE PLAN	RB1	PT1	PT1	PT1	PT1	SEE RCP				B106			
B107	CORRIDOR	SEE PLAN	RB1	PT1	PT1	PT1	PT1	SEE RCP				B107			
B108	WORKROOM	SEE PLAN	RB1	PT1	PT1	PT1	PT1	SEE RCP	PL1	PL4		B108			
B109	OFFICE	SEE PLAN	RB1	PT1	PT1	PT1	PT1	SEE RCP				B109			
B110	STORAGE	SEE PLAN	RB1	PT1	PT1	PT1	PT1	SEE RCP				B110			
B111	OFFICE	SEE PLAN	RB1	PT1	PT1	PT1	PT1	SEE RCP				B111			
B112	OFFICE	SEE PLAN	RB1	PT1	PT1	PT1	PT1	SEE RCP				B112			
B113	OFFICE	SEE PLAN	RB1	PT1	PT1	PT1	PT1	SEE RCP				B113			
B114	OFFICE	SEE PLAN	RB1	PT1	PT1	PT1	PT1	SEE RCP				B114			
B115	STORAGE	SEE PLAN	RB1	PT1	PT1	PT1	PT1	SEE RCP				B115			
B116	STORAGE	SEE PLAN	RB1	PT1	PT1	PT1	PT1	SEE RCP				B116			
B117	OFFICE	SEE PLAN	RB1	PT1	PT1	PT1	PT1	SEE RCP				B117			
B118	CONFERENCE	SEE PLAN	RB1	PT1	PT1	PT1	PT1	SEE RCP				B118			
B119	MULTIPURPOSE	SEE PLAN	RB1	WC1, WP3, WC6	WP3, WC6	WC1, WP3, WC6	WP3, WC6	SEE RCP	PL1	SS1		B119			
B120	FURNITURE STORAGE	SEE PLAN	RB1	PT1	PT1	PT1	PT1	SEE RCP				B120			
B121	FURNITURE STORAGE	SEE PLAN	RB1	PT1	PT1	PT1	PT1	SEE RCP				B121			
B122	STUDENT COMMONS	SEE PLAN	WT1	PT1, WT1, WC3	PT1, WT1	PT1, WT1	PT1, WT1	SEE RCP				B122			
B123	LEARNING STUDIO	SEE PLAN	RB1	PT1, TCK2	PT1	PT1, TCK2	PT1, TCK1	SEE RCP	PL1	PL4		B123			
B124	STORAGE	SEE PLAN	RB1	PT1	PT1	PT1	PT1	SEE RCP				B124			
B125	LEARNING STUDIO	SEE PLAN	RB1	PT1, TCK2	PT1	PT1, TCK2	PT1	SEE RCP	PL1	PL4		B125			
B126	LEARNING STUDIO	SEE PLAN	RB1	PT1, TCK2	PT1	PT1, TCK2	PT1	SEE RCP	PL1	PL4		B126			
B127	SCIENCE / ART / CTE	SEE PLAN	RB1	PT1	PT1	PT1	PT1	SEE RCP	PL1	SSTL		B127			
B128	TEACHER TEAM	SEE PLAN	RB1	PT1	PT1	PT1	PT1	SEE RCP				B128			
B129	PREP & STORAGE	SEE PLAN	RB1	PT1	PT1	PT1	PT1	SEE RCP	PL1	SSTL		B129			
B130	STORAGE	SEE PLAN	RB1	PT1	PT1	PT1	PT1	SEE RCP				B130			
B131	WC	SEE PLAN	TB2	WT2	WT5	WT2	WT4	SEE RCP				B131			
B132	WC	SEE PLAN	TB2	WT2	WT2	WT2	WT4	SEE RCP				B132			
B133	CUSTODIAL	SEE PLAN	RB1	PT1	PT1	PT1	PT1	SEE RCP				B133			
B134	MECH	SEE PLAN	RB1	PT1	PT1	PT1	PT1	SEE RCP				B134			
B135	WAREHOUSE	SEE PLAN	PLY	PT1, PW	PT1, PW	PT1, PW	PT1, PW	SEE RCP				B135			
B136	WELLNESS	SEE PLAN	RB1	PT1	PT1	PT1	PT1	SEE RCP	PL1	SS1		B136			
B137	CORRIDOR	SEE PLAN	WT1	PT1, WT1	PT1, WT1	PT1, WT1	PT1, WT1	SEE RCP				B137			

A

B

C

D

1

2

3

4

5

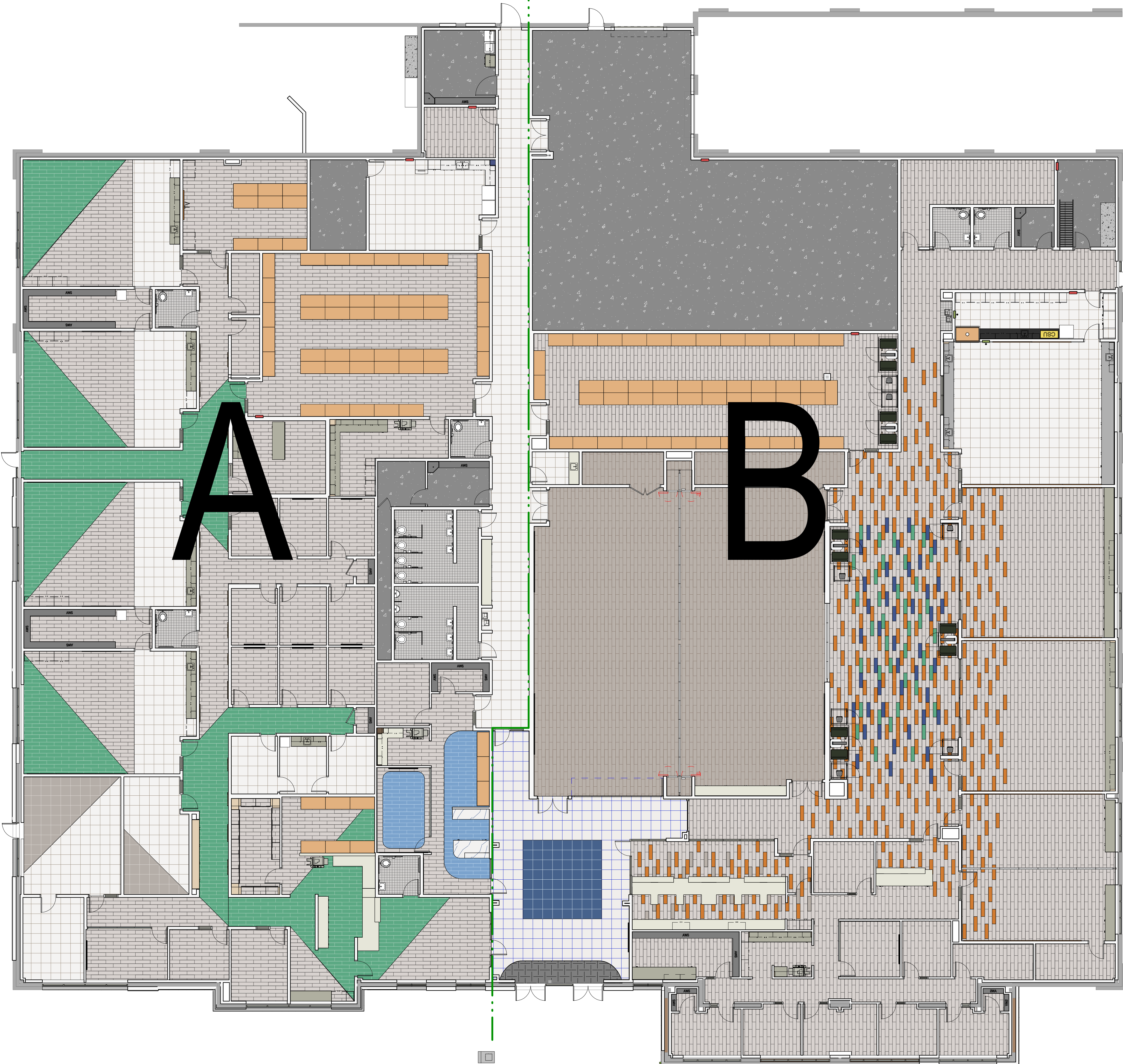
1

2

3

4

5



PATTERN PLAN GENERAL NOTES

RE: A640 for the Finish Schedule
 RE: A653 for typical floor finish transition details
 RE: Structural drawings for recessed slabs.

Floor Finish Transitions at Doors: Locate floor finish material transitions that occur at doors under the center of the door, UNO.

Floor Drains: Coordinate location of floor drains with Plumbing drawings.

LEGEND - FLOOR PATTERN

- CARPET TILE - CPT1
- CARPET TILE - CPT2
- CARPET TILE - CPT3
- CARPET TILE - CPT4
- CARPET TILE - CPT5
- CARPET TILE - CPT6
- CARPET TILE - CPT7
- WALK-OFF CARPET TILE - CPT8
- RUBBER TILE - RT1
- RUBBER TILE - RT2
- PORCELAIN TILE - FT1
- MOSAIC TILE - FT2
- SEALED CONCRETE
- POLISHED CONCRETE



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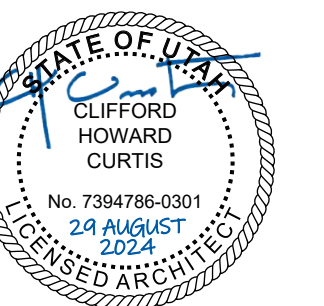


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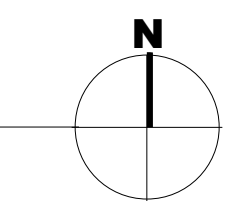


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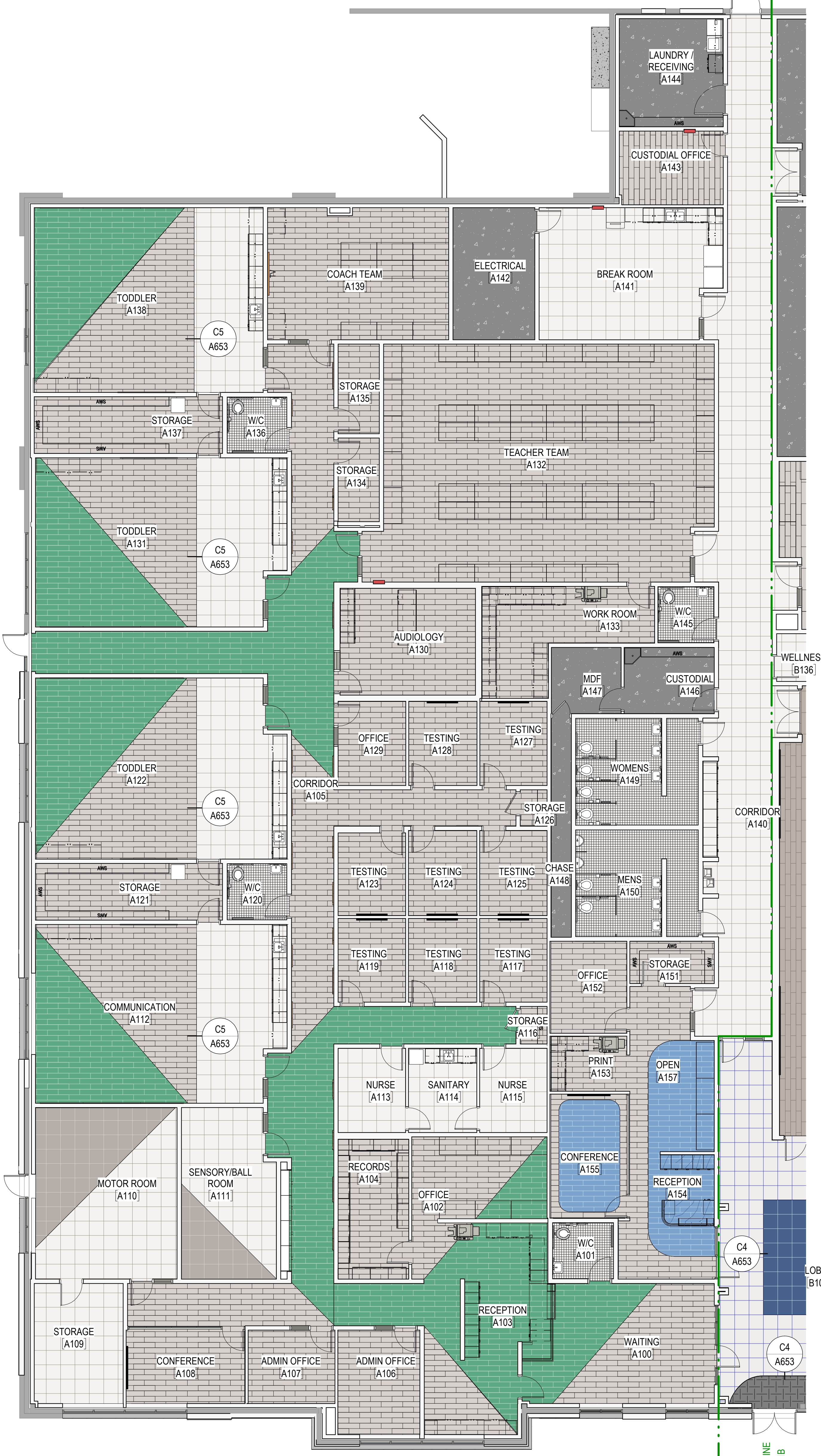
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FIRST FLOOR FINISH PLAN

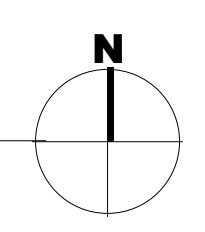
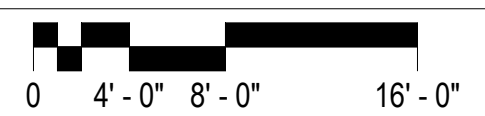


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FIRST FLOOR FINISH PLAN - AREA A

SCALE: 1/8" = 1'-0"



PATTERN PLAN GENERAL NOTES

RE: A640 for the Finish Schedule
 RE: A653 for typical floor finish transition details
 RE: Structural drawings for recessed slabs.
Floor Finish Transitions at Doors: Locate floor finish material transitions that occur at doors under the center of the door, UNO.
Floor Drains: Coordinate location of floor drains with Plumbing drawings.

LEGEND - FLOOR PATTERN

- CARPET TILE - CPT1
- CARPET TILE - CPT2
- CARPET TILE - CPT3
- CARPET TILE - CPT4
- CARPET TILE - CPT5
- CARPET TILE - CPT6
- CARPET TILE - CPT7
- WALK-OFF CARPET TILE - CPT8
- RUBBER TILE - RT1
- RUBBER TILE - RT2
- PORCELAIN TILE - FT1
- MOSAIC TILE - FT2
- SEALED CONCRETE
- POLISHED CONCRETE



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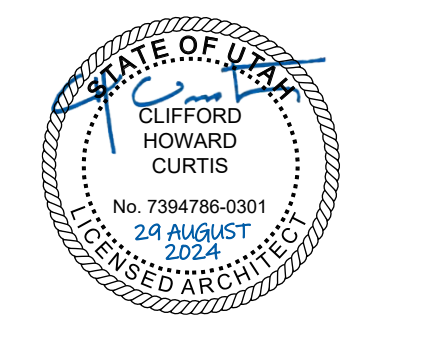


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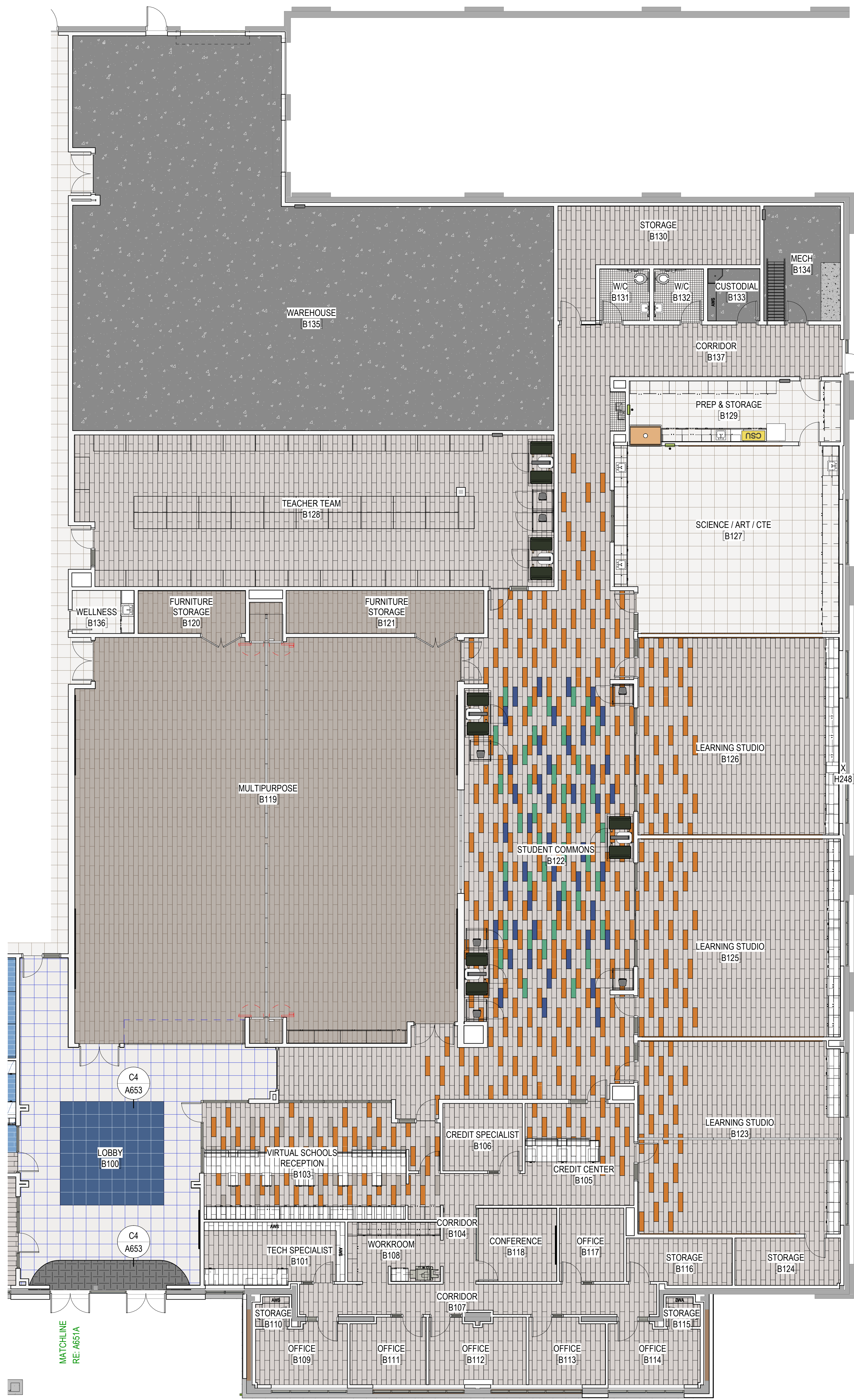
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SHEET NAME
**FIRST FLOOR
 PATTERN PLAN -
 AREA A**

SHEET NUMBER
A651A



PATTERN PLAN GENERAL NOTES

RE: A640 for the Finish Schedule
 RE: A653 for typical floor finish transition details
 RE: Structural drawings for recessed slabs.
Floor Finish Transitions at Doors: Locate floor finish material transitions that occur at doors under the center of the door, UNO.
Floor Drains: Coordinate location of floor drains with Plumbing drawings.

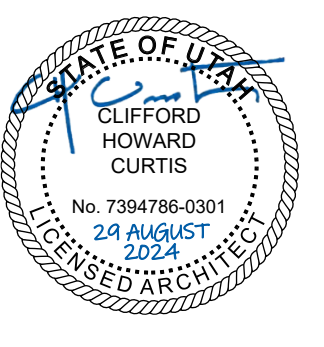
LEGEND - FLOOR PATTERN

- CARPET TILE - CPT1
- CARPET TILE - CPT2
- CARPET TILE - CPT3
- CARPET TILE - CPT4
- CARPET TILE - CPT5
- CARPET TILE - CPT6
- CARPET TILE - CPT7
- WALK-OFF CARPET TILE - CPT8
- RUBBER TILE - RT1
- RUBBER TILE - RT2
- PORCELAIN TILE - FT1
- MOSAIC TILE - FT2
- SEALED CONCRETE
- POLISHED CONCRETE



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NO.	DATE	DESCRIPTION

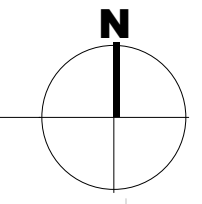
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SHEET NAME
**FIRST FLOOR
 PATTERN PLAN -
 AREA B**

SHEET NUMBER
A651B

FIRST FLOOR FINISH PLAN - AREA B

SCALE: 1/8" = 1'-0"
 0 4'-0" 8'-0" 16'-0"



LEGEND - REFLECTED CEILING PLANS

- WALL PATTERN TYPE 1 - WAINSCOT TILE
- WALL PATTERN TYPE 2 - RIBBED WALL PANEL
- WALL PATTERN TYPE 3 - WALLCOVERING
- WALL PATTERN TYPE 4 - CUSTOM WALL GRAPHIC
- WALL PATTERN TYPE 5 - CUSTOM WALL GRAPHIC
- WALL PATTERN TYPE 6 - PLASTIC LAMINATE
- WALL PATTERN TYPE 7 - CUSTOM WALL GRAPHIC
- WALL PATTERN TYPE 8 - FULL-HEIGHT TILE
- WALL PATTERN TYPE 9 - FULL-HEIGHT TILE
- WALL PATTERN TYPE 10 - FULL-HEIGHT TILE
- WALL PATTERN TYPE 11 - WAINSCOT TILE
- WALL PATTERN TYPE 12 - WALLCOVERING
- WALL PATTERN TYPE 13 - PLYWOOD WAINSCOT

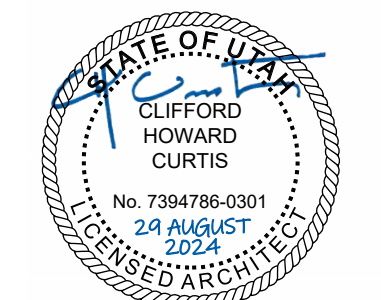


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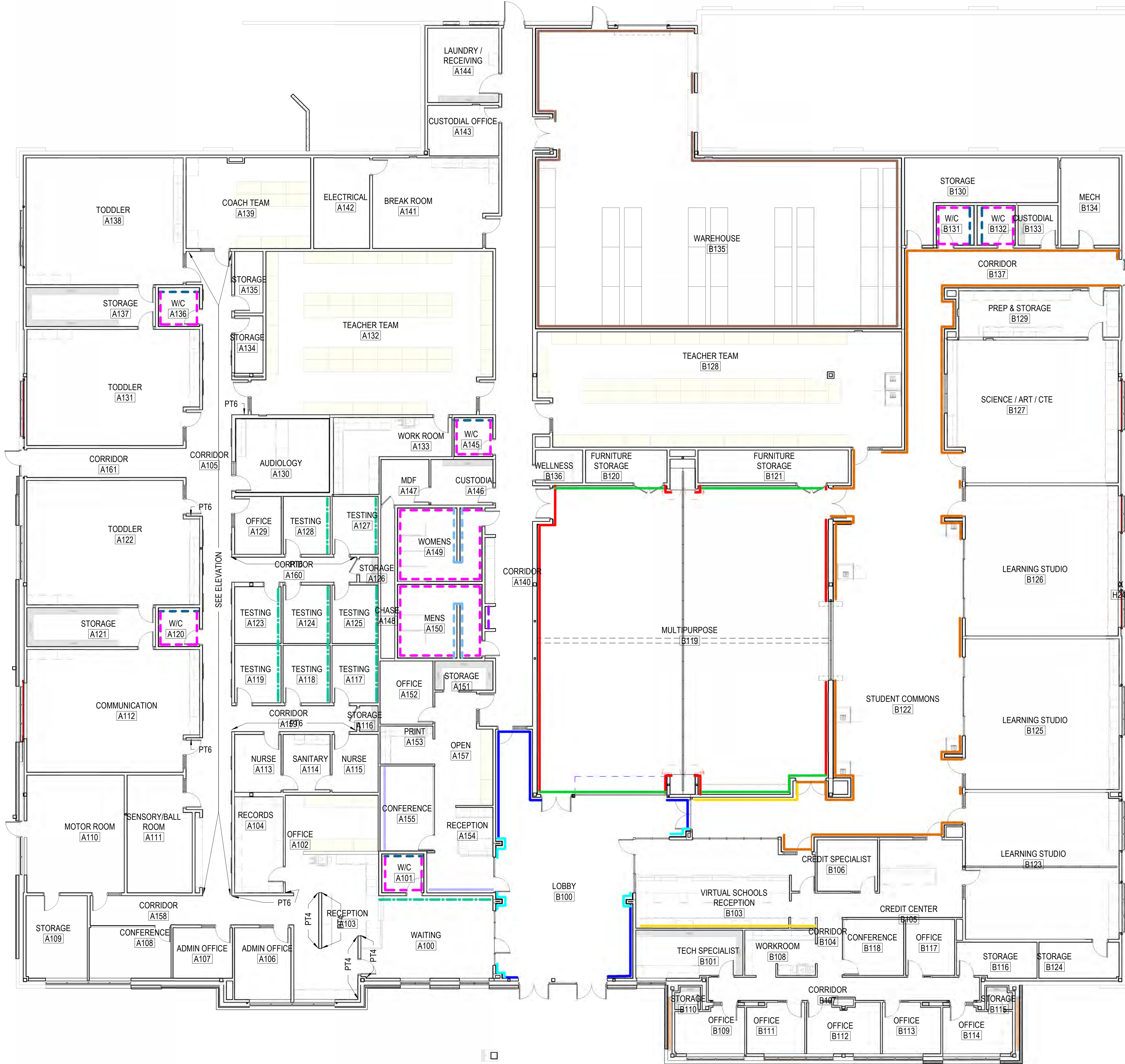
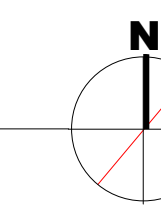
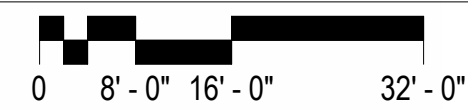
SHEET NAME
FIRST FLOOR WALL PATTERN PLAN

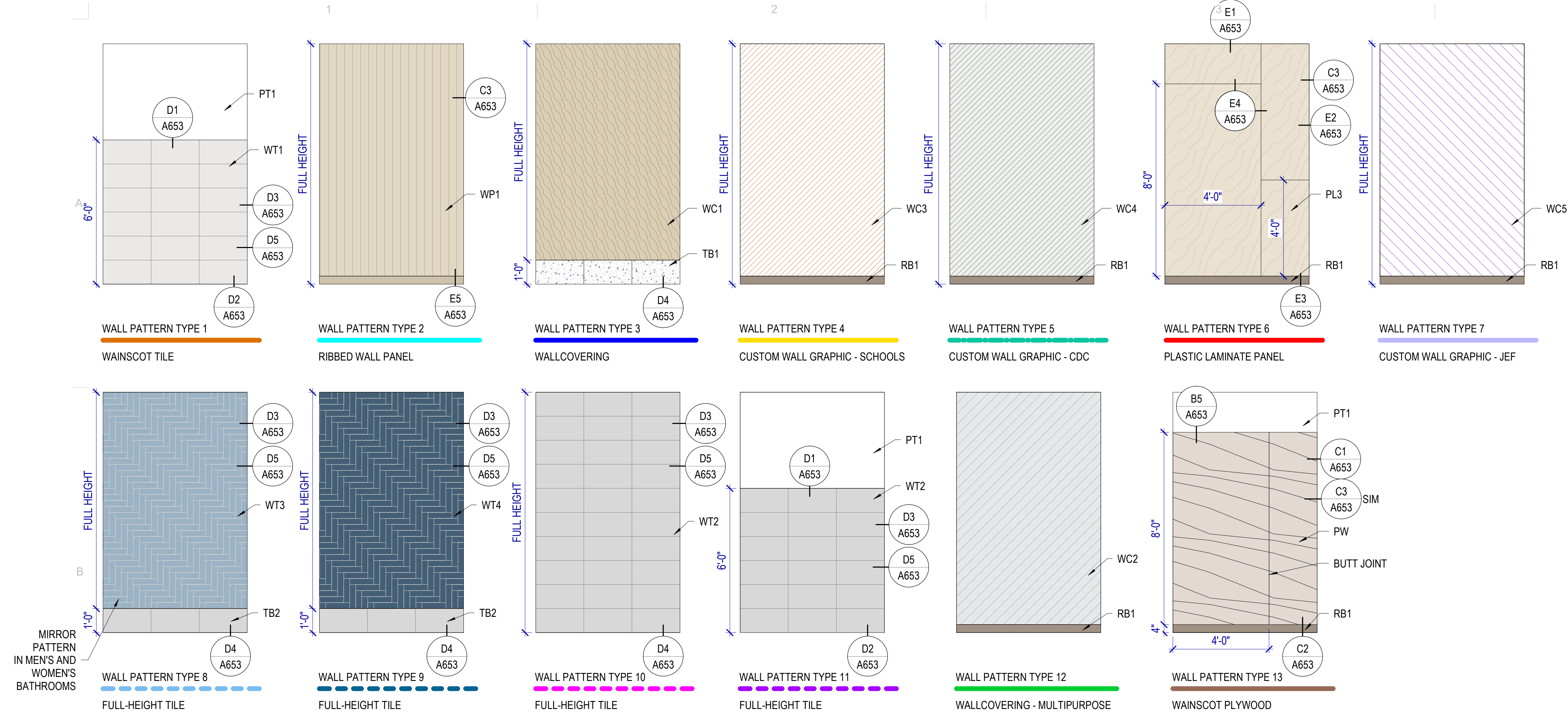
SHEET NUMBER

A652

FIRST FLOOR WALL PATTERN PLAN

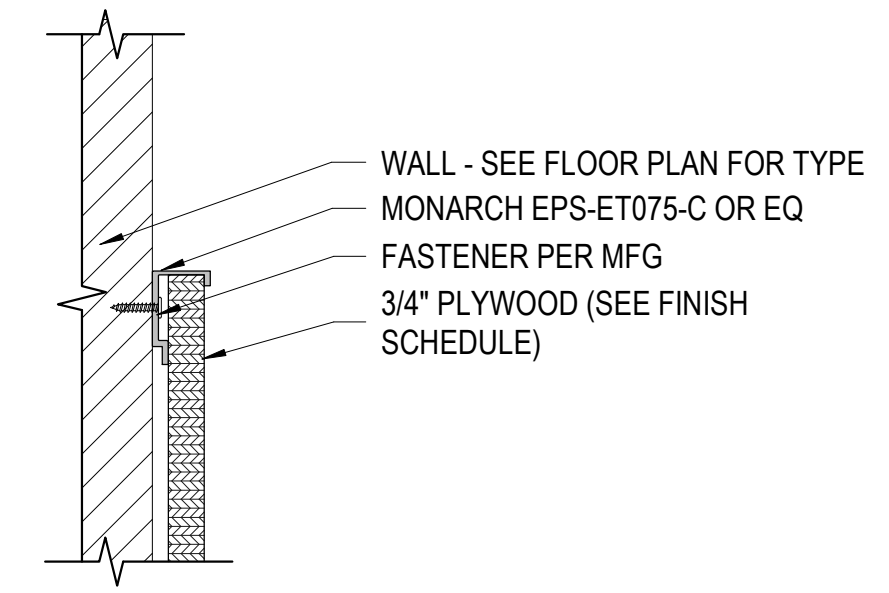
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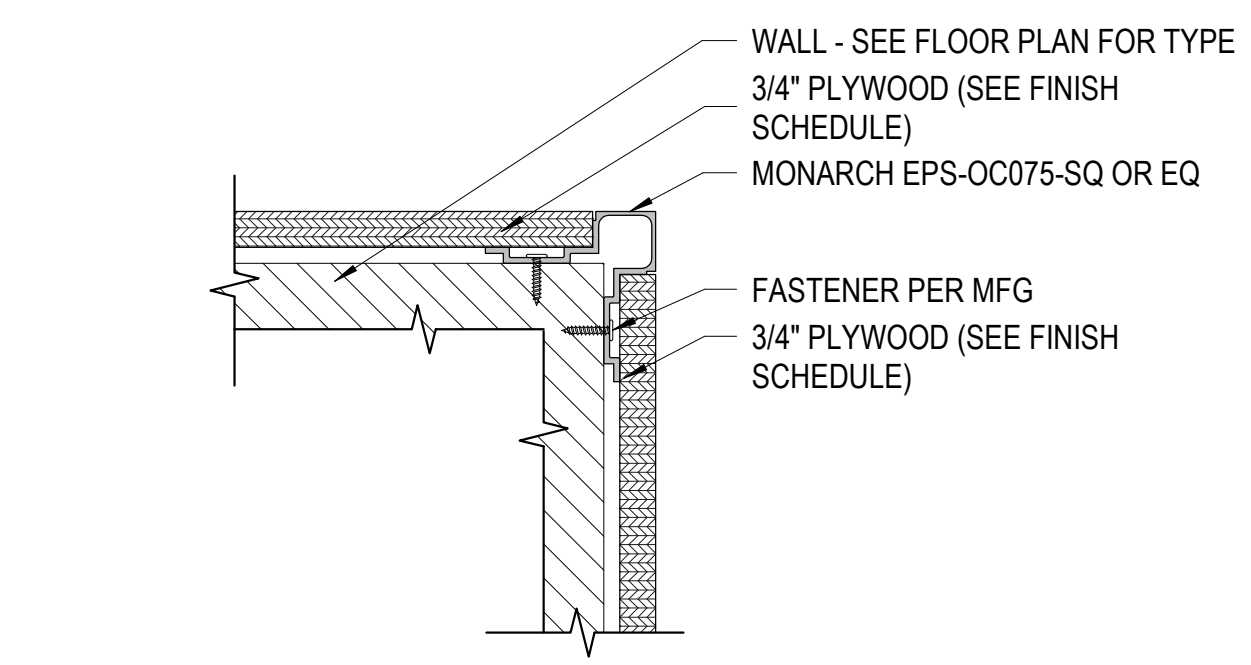
LEGEND - REFLECTED CEILING PLANS

- WALL PATTERN TYPE 1 - WAINSCOT TILE
- WALL PATTERN TYPE 2 - RIBBED WALL PANEL
- WALL PATTERN TYPE 3 - WALLCOVERING
- WALL PATTERN TYPE 4 - CUSTOM WALL GRAPHIC
- WALL PATTERN TYPE 5 - CUSTOM WALL GRAPHIC
- WALL PATTERN TYPE 6 - PLASTIC LAMINATE
- WALL PATTERN TYPE 7 - CUSTOM WALL GRAPHIC
- - - WALL PATTERN TYPE 8 - FULL-HEIGHT TILE
- - - WALL PATTERN TYPE 9 - FULL-HEIGHT TILE
- - - WALL PATTERN TYPE 10 - FULL-HEIGHT TILE
- - - WALL PATTERN TYPE 11 - WAINSCOT TILE
- - - WALL PATTERN TYPE 12 - WALLCOVERING
- - - WALL PATTERN TYPE 13 - PLYWOOD WAINSCOT

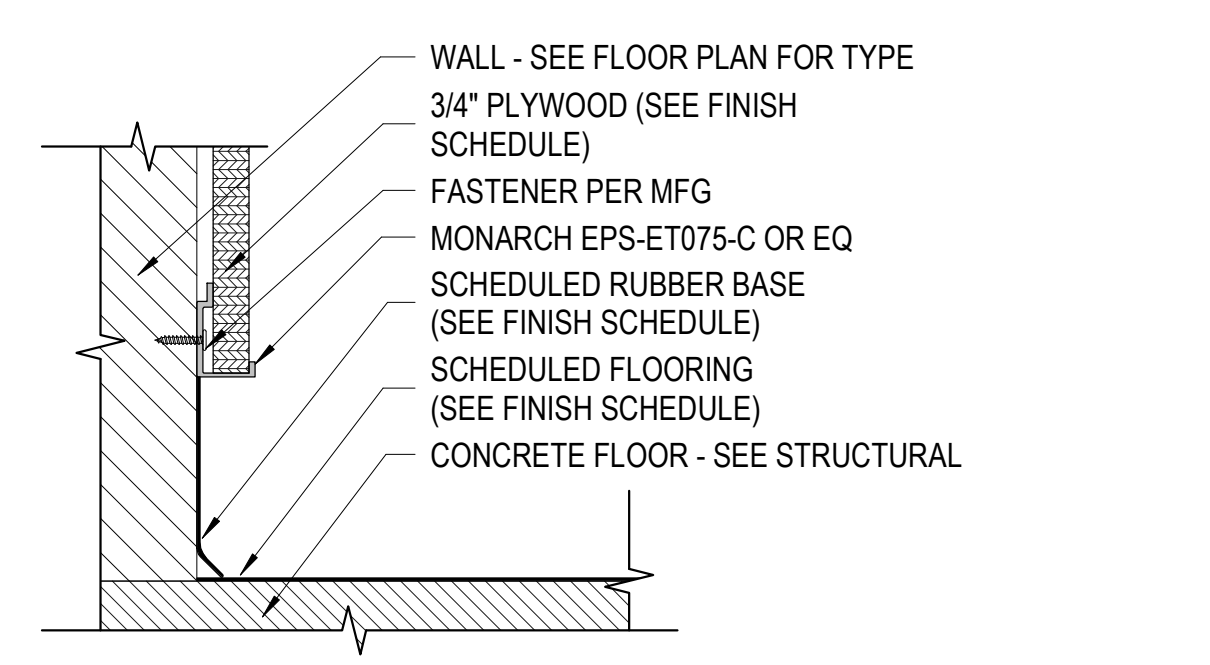


B5 PLYWOOD FINISH DETAIL
SCALE: 3" = 1'-0"

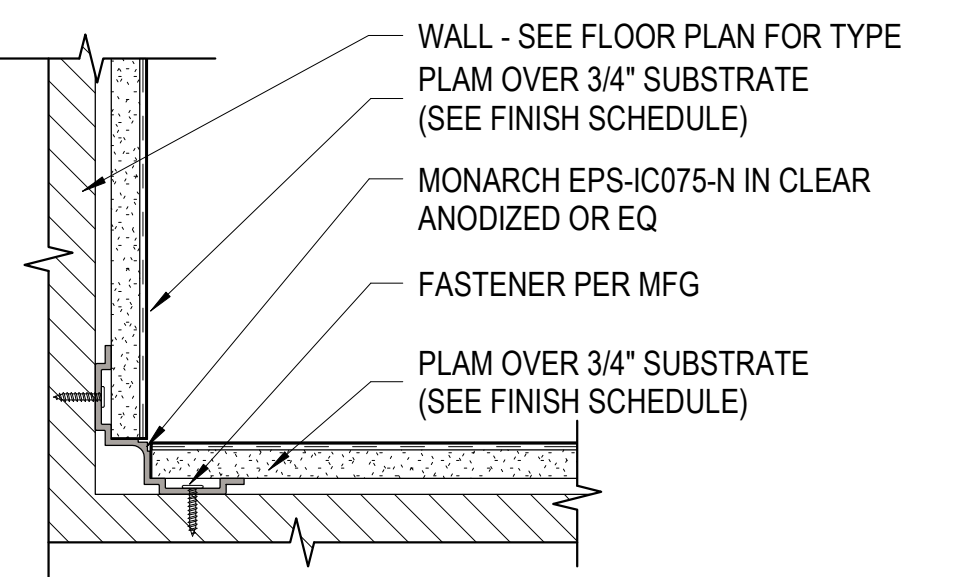
B1 WALL PATTERN PLAN ELEVATIONS
SCALE: 3/8" = 1'-0"



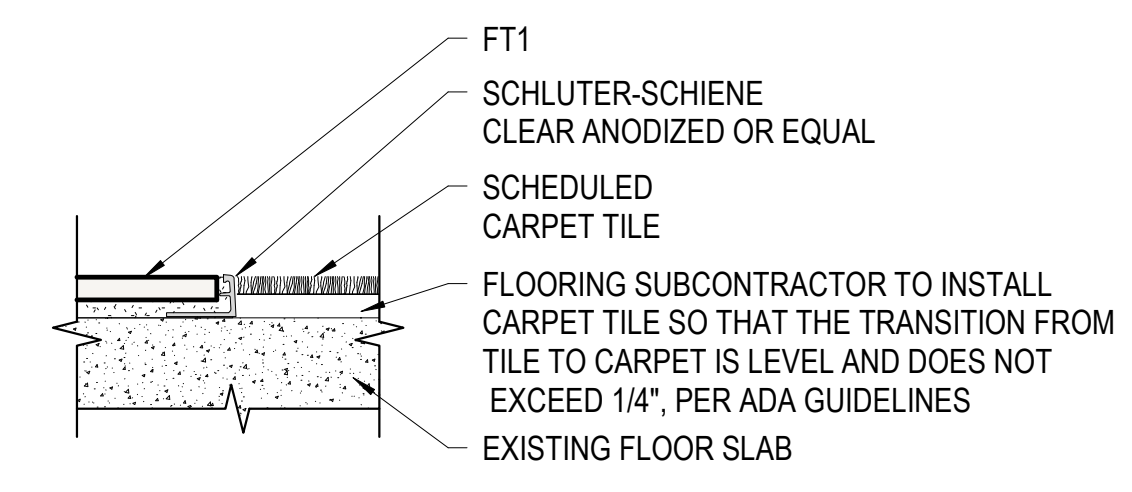
C1 PLYWOOD CORNER DETAIL
SCALE: 3" = 1'-0"



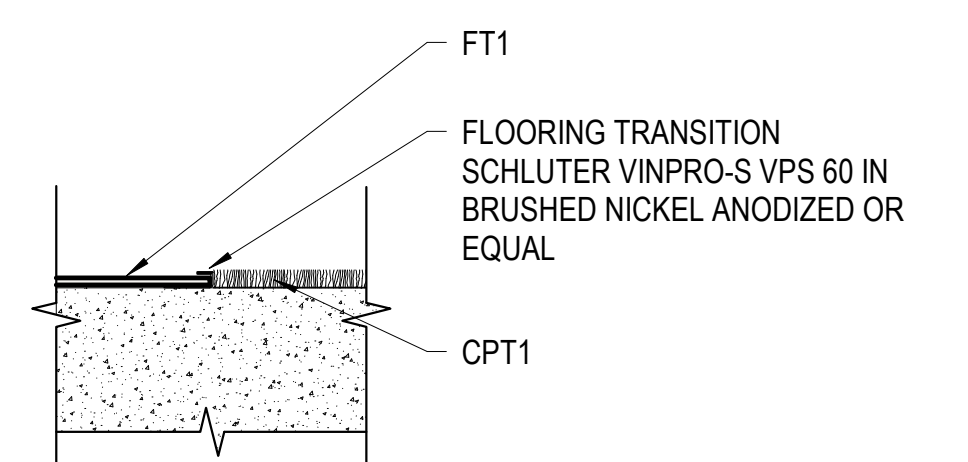
C2 PLYWOOD BASE DETAIL
SCALE: 3" = 1'-0"



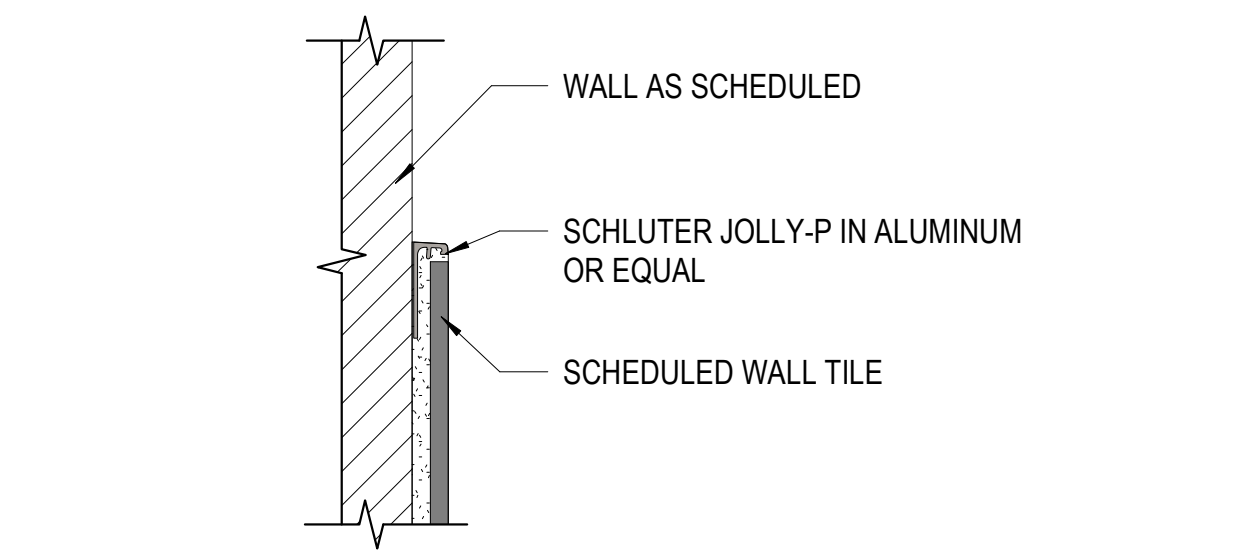
C3 PLAM PANEL - INSIDE CORNER
SCALE: 3" = 1'-0"



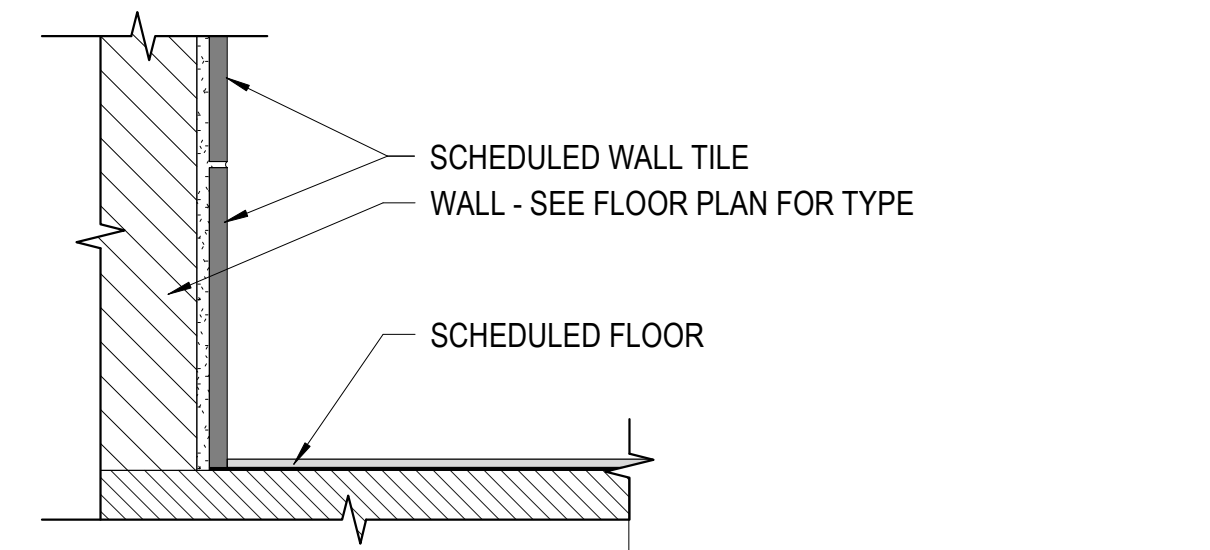
C4 TILE TO CARPET
SCALE: 3" = 1'-0"



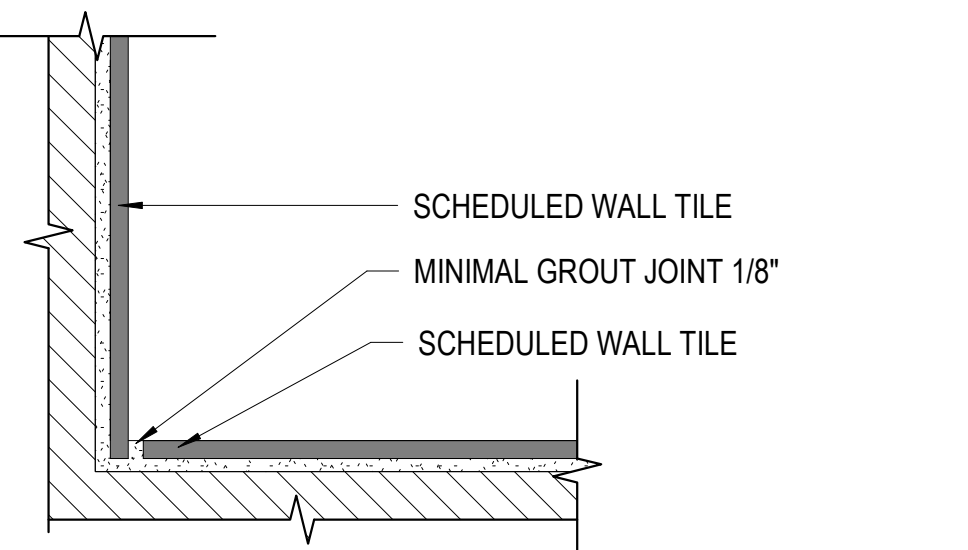
C5 RESILIENT TO CARPET
SCALE: 3" = 1'-0"



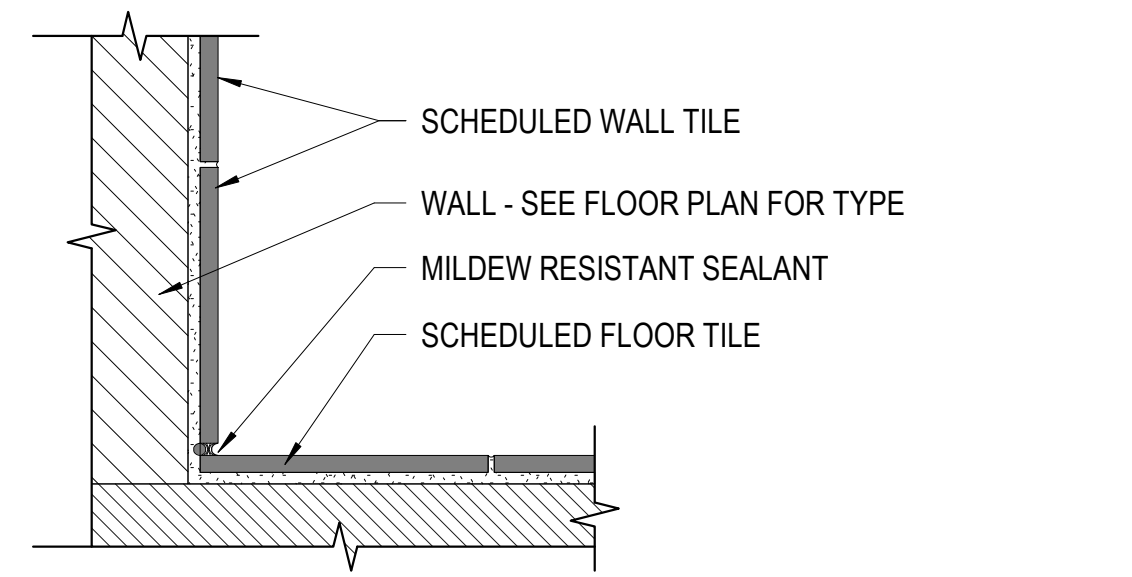
D1 WALL TILE END CAP (VERT & HOR)
SCALE: 3" = 1'-0"



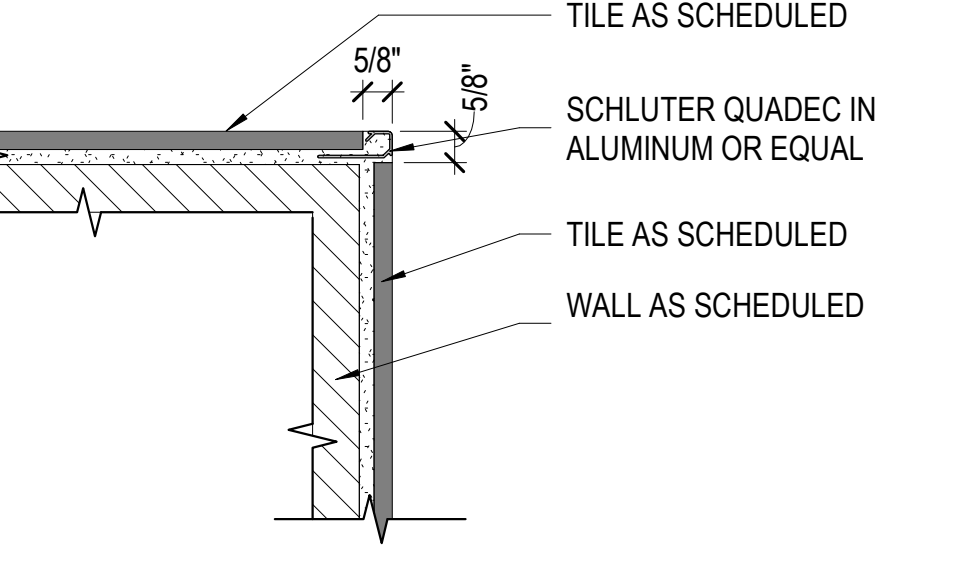
D2 WALL TILE @ FLOOR
SCALE: 3" = 1'-0"



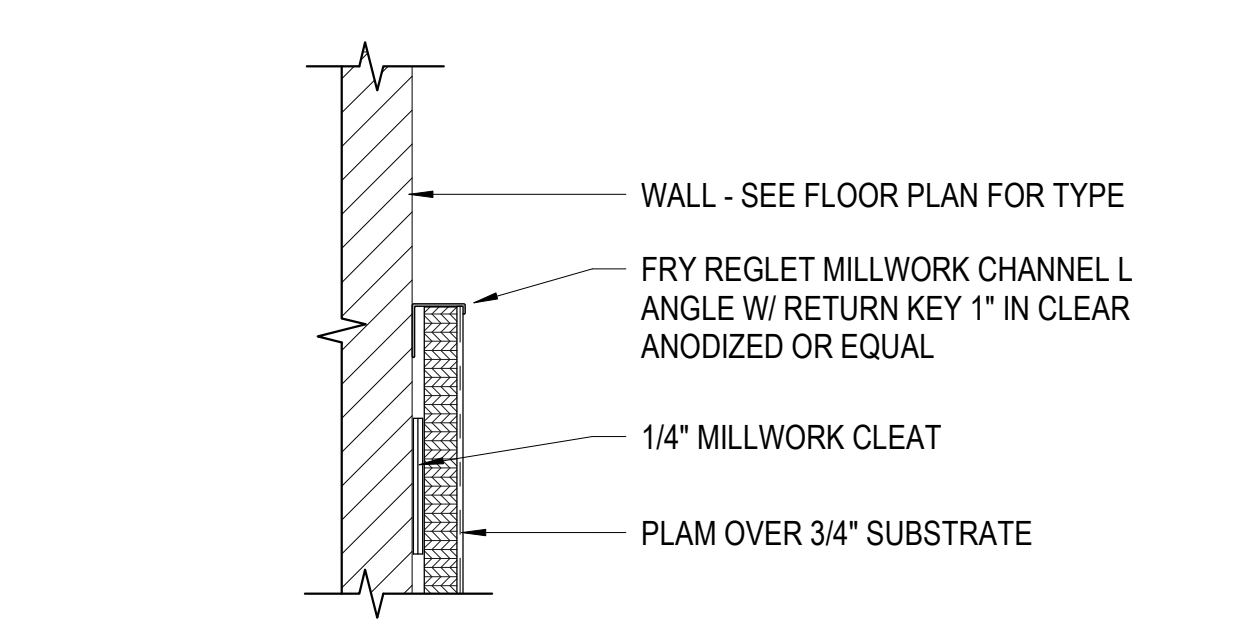
D3 TILE AT INSIDE CORNER
SCALE: 3" = 1'-0"



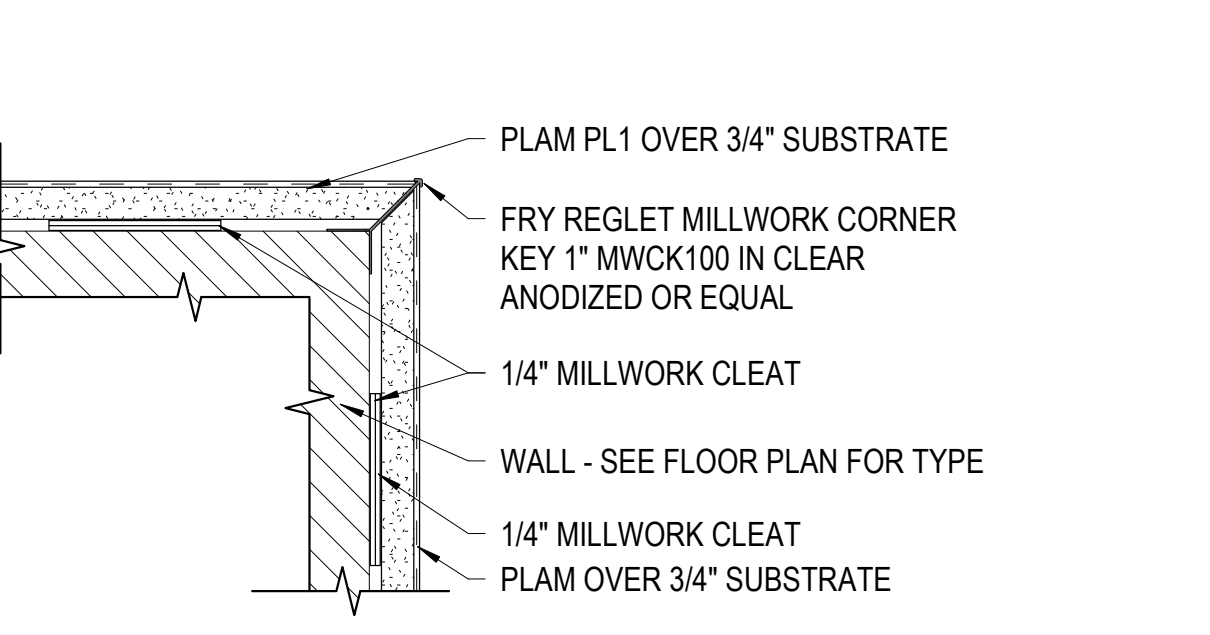
D4 WALL TILE TO FLOOR TILE
SCALE: 3" = 1'-0"



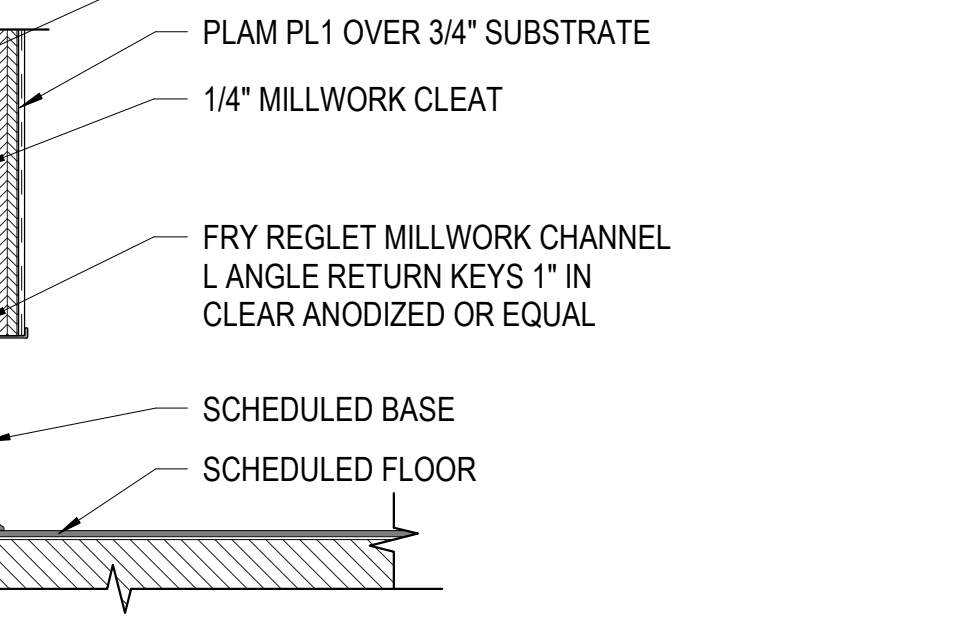
D5 TILE AT OUTSIDE CORNER
SCALE: 3" = 1'-0"



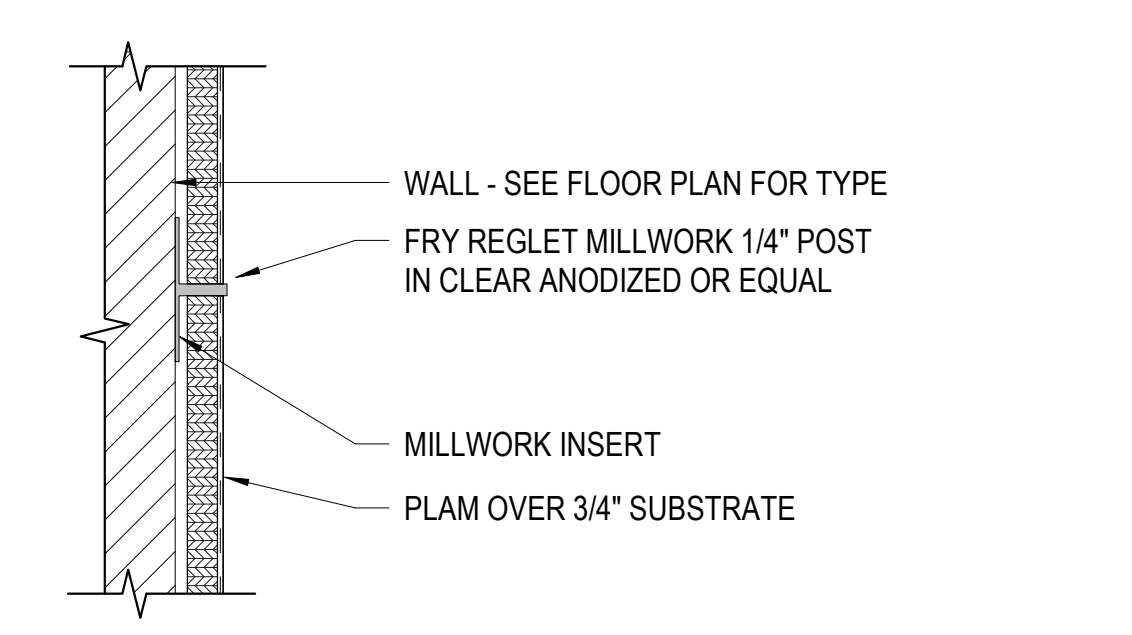
E1 LAMINATE PANEL END CAP
SCALE: 3" = 1'-0"



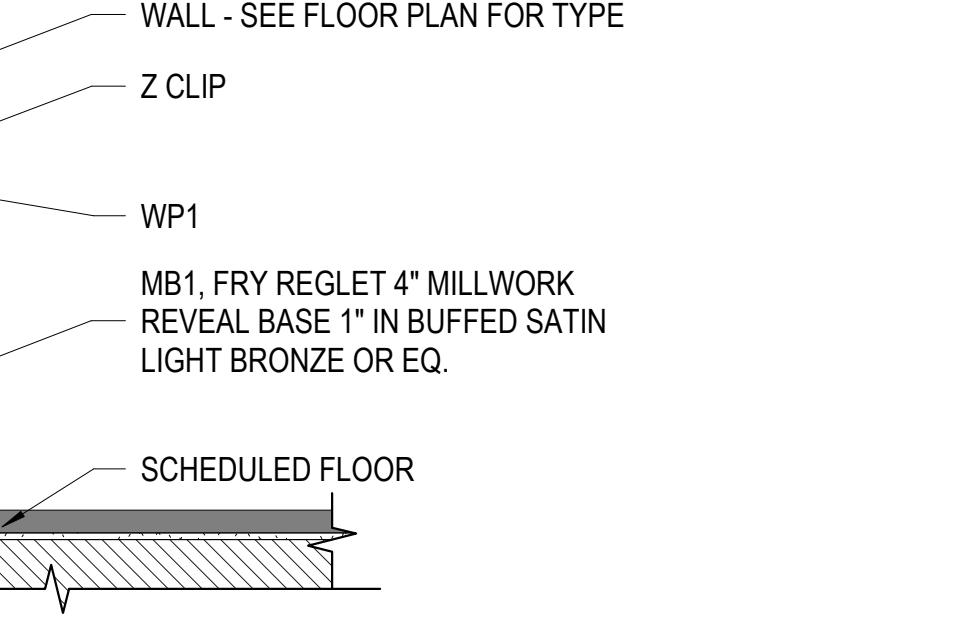
E2 LAMINATE OUTSIDE CORNER
SCALE: 3" = 1'-0"



E3 LAMINATE @ BASE
SCALE: 3" = 1'-0"



E4 LAMINATE PANEL REVEAL
SCALE: 3" = 1'-0"



E5 MDF PANEL @ BASE
SCALE: 3" = 1'-0"

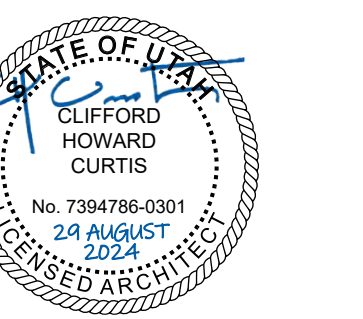


JORDAN SCHOOL DISTRICT

JORDAN LEARNING CENTER

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MHTN PROJECT NO. 2024528
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REVISIONS

CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE

NO.	DATE	DESCRIPTION

ISSUE CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME
WALL PATTERN DETAILS

SHEET NUMBER
A653

Autodesk CloudSync 2024/08/29 8:22:14 AM

REFLECTED CEILING PLAN GENERAL NOTES

RE: A710 for typical suspended ceiling details, including seismic bracing.

Ceiling Height: 10'-0" UNO. Where floor height varies in a room, ceiling height is shown at the entry to the room, UNO.

Ceiling Grid/Panel Alignment: The design intent of the Reflected Ceiling Plans is center ceiling grids or acoustical panels between walls in both directions, or to center grids in one direction, panels in the other. If the grid does not comply with the design intent, then coordinate with Architect to adjust the ceiling layout prior to installation.

Seismic Design Category: D. Heavy-duty suspension system required / Refer to Specifications.

Seismic Bracing: Rigid bracing required at ceilings over 1,000 SF and at all ceilings with fire sprinklers and other penetrations.

Seismic Control Joints: Provide seismic control joints in suspended acoustical ceilings greater than 2,500 SF.

Control Joints: Provide control joints in gypsum board ceilings at 30'-0" max spacing. Coordinate locations with Architect to align joints with other elements in the ceilings or on the walls.

Exposed Elements: Paint exposed structure, pipe, conduit and HVAC duct at open ceilings and at open areas around ceiling clouds. Color: As selected by Architect.

Walls to Deck: Extend all walls to deck, including all components of the wall assembly, UNO.

Fire Sprinklers: Center sprinkler heads in acoustical panels; run in straight lines in orthogonal, rectangular spaces.

Electrical, Mechanical and other Devices: Center in acoustical panels. Coordinate feature lighting layout with Architect prior to rough-in.

Keynotes: Not all keynotes apply to this sheet.

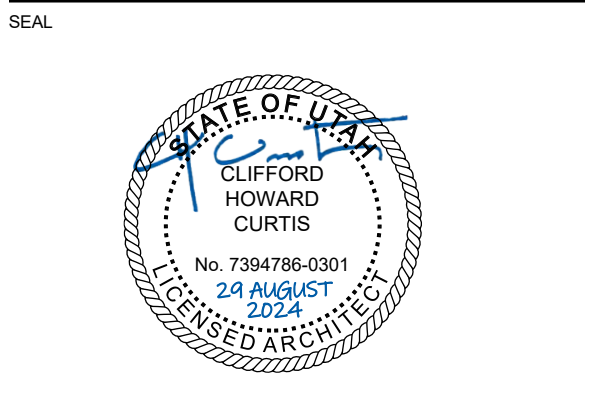


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Table with 3 columns: NO., DATE, DESCRIPTION

ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME
REFLECTED
CEILING PLAN

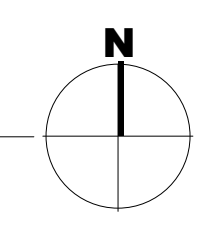
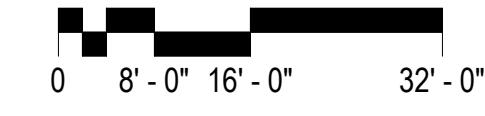
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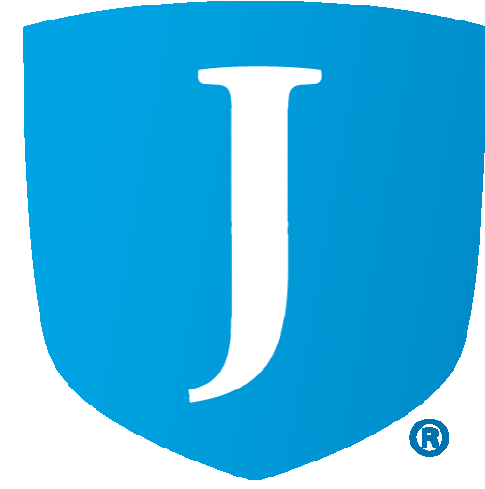
A701



FIRST FLOOR REFLECTED CEILING PLAN

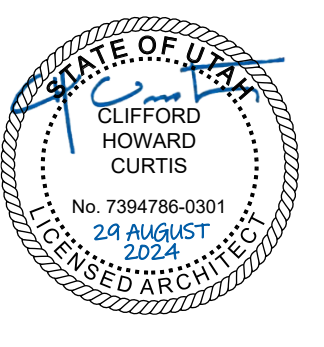
SCALE: 3/32" = 1'-0"





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NO.	DATE	DESCRIPTION

ISSUE
CONSTRUCTION DOCUMENTS
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SHEET NAME
FIRST FLOOR REFLECTED CEILING PLAN - AREA A

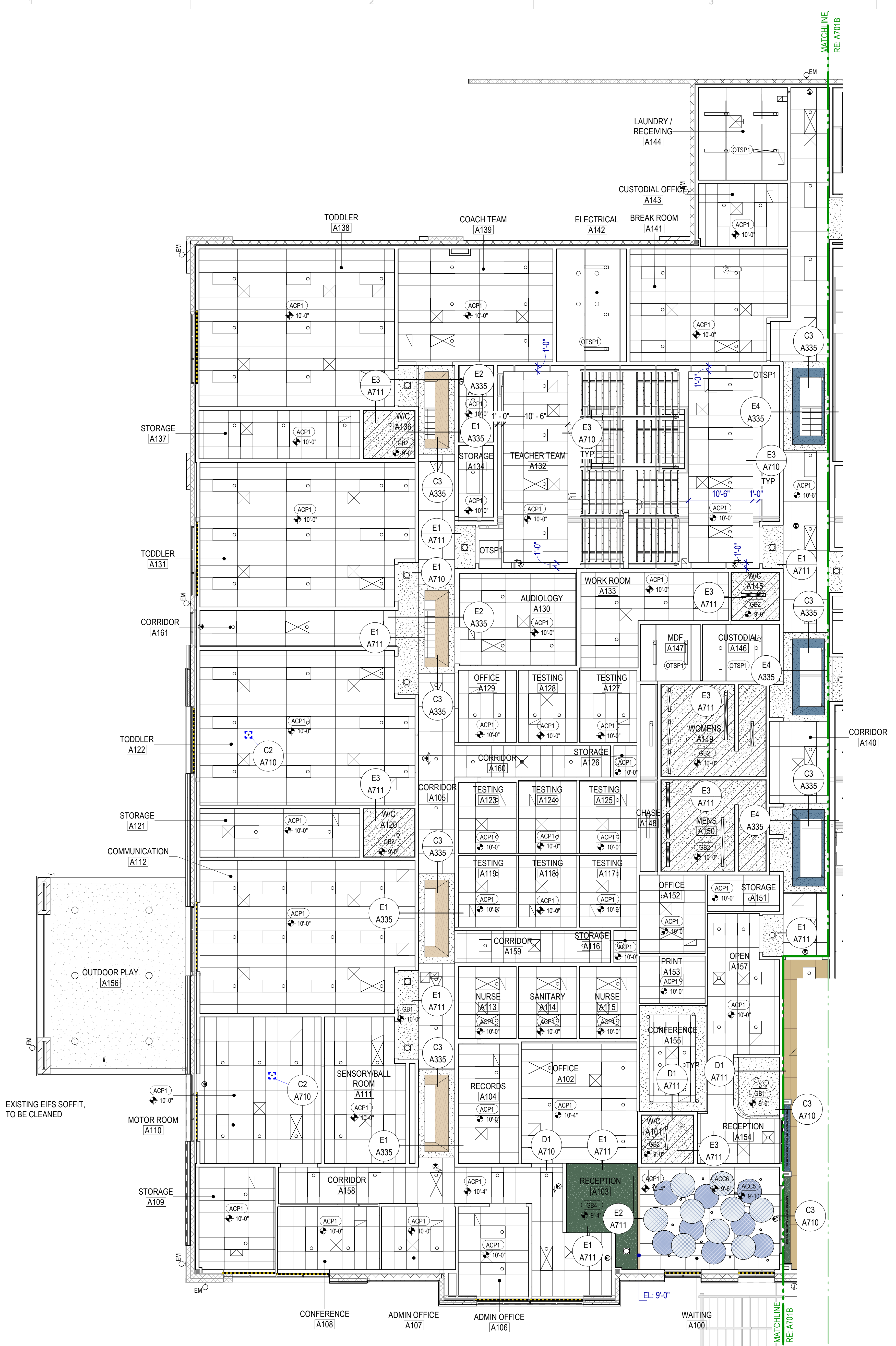
SHEET NUMBER
A701A

REFLECTED CEILING PLAN GENERAL NOTES

- RE: A710 for typical suspended ceiling details, including seismic bracing.
- Ceiling Height:** 10'-0" UNO. Where floor height varies in a room, ceiling height is shown at the entry to the room, UNO.
- Ceiling Grid/Panel Alignment:** The design intent of the Reflected Ceiling Plans is center ceiling grids or acoustical panels between walls in both directions, or to center grids in one direction, panels in the other. If the grid does not comply with the design intent, then coordinate with Architect to adjust the ceiling layout prior to installation.
- Seismic Design Category:** D. Heavy-duty suspension system required / Refer to Specifications.
- Seismic Bracing:** Rigid bracing required at ceilings over 1,000 SF and at all ceilings with fire sprinklers and other penetrations.
- Seismic Control Joints:** Provide seismic control joints in suspended acoustical ceilings greater than 2,500 SF.
- Control Joints:** Provide control joints in gypsum board ceilings at 30'-0" max spacing. Coordinate locations with Architect to align joints with other elements in the ceilings or on the walls.
- Exposed Elements:** Paint exposed structure, pipe, conduit and HVAC duct at open ceilings and at open areas around ceiling clouds. Color: As selected by Architect.
- Walls to Deck:** Extend all walls to deck, including all components of the wall assembly, UNO.
- Fire Sprinklers:** Center sprinkler heads in acoustical panels; run in straight lines in orthogonal, rectangular spaces.
- Electrical, Mechanical and other Devices:** Center in acoustical panels. Coordinate feature lighting layout with Architect prior to rough-in.
- Keynotes:** Not all keynotes apply to this sheet.

LEGEND - REFLECTED CEILING PLANS

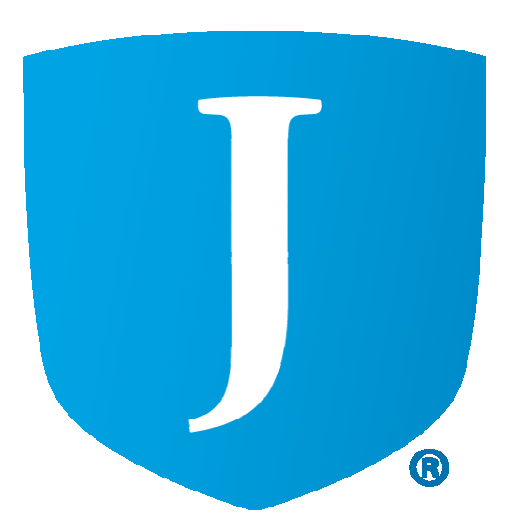
- ACP1 - 24" X 48" ACOUSTICAL CEILING PANEL
SEE DETAIL C4 / A710
- ACP2 - 24" X 48" WOOD VENEER ACOUSTICAL CEILING PANEL A1 / A701B & C4 / A710
- GB1 - PAINTED GYPSUM BOARD
SEE RCP FOR SUSPENSION DETAILS
- GB2 - PAINTED GYPSUM BOARD
SEE RCP FOR SUSPENSION DETAILS
- GB3 - PAINTED GYPSUM BOARD
SEE RCP FOR SUSPENSION DETAILS
- GB4 - PAINTED GYPSUM BOARD
SEE RCP FOR SUSPENSION DETAILS
- GB5 - PAINTED GYPSUM BOARD
SEE RCP FOR SUSPENSION DETAILS
- GB6 - EPOXY PAINTED GYPSUM BOARD
SEE RCP FOR SUSPENSION DETAILS
- PL1 - PLASTIC LAMINATE OVER 3/4" SUBSTRATE
- ACC7&8 - ACOUSTIC CEILING BAFFLE,
SEE DETAIL B4 / A710, UNO
- ACC1, ACC2, ACC3 & ACC4
ACOUSTIC CEILING BAFFLE,
SEE DETAIL C4 / A711
- 12'-0" AFF TYPICAL
- 9'-6" AFF TYPICAL
- ACC5 & ACC6 ACOUSTIC CEILING BAFFLE ATTACHED TO CEILING GRID ABOVE
- 9'-10" AFF TYPICAL
- OTSP1 OPEN TO STRUCTURE - PAINTED
- OTSP2 OPEN TO STRUCTURE - PAINTED
- MECHANICAL DIFFUSERS
SEE MECHANICAL
- LIGHT FIXTURES
SEE ELECTRICAL
- MANUAL ROLLER SHADE



FIRST FLOOR REFLECTED CEILING PLAN - AREA A

SCALE: 1/8" = 1'-0"
0 4'-0" 8'-0" 16'-0"

Autodesk Civil 3D 2024.5.28 - BDD Retail Remodel\A701A - 2024.5.28 - BDD Retail Remodel.rvt
8/29/2024 7:54:08 AM



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ISSUE
 CONSTRUCTION DOCUMENTS
 AUGUST 29, 2024

SHEET NAME
FIRST FLOOR REFLECTED CEILING PLAN - AREA B

SHEET NUMBER

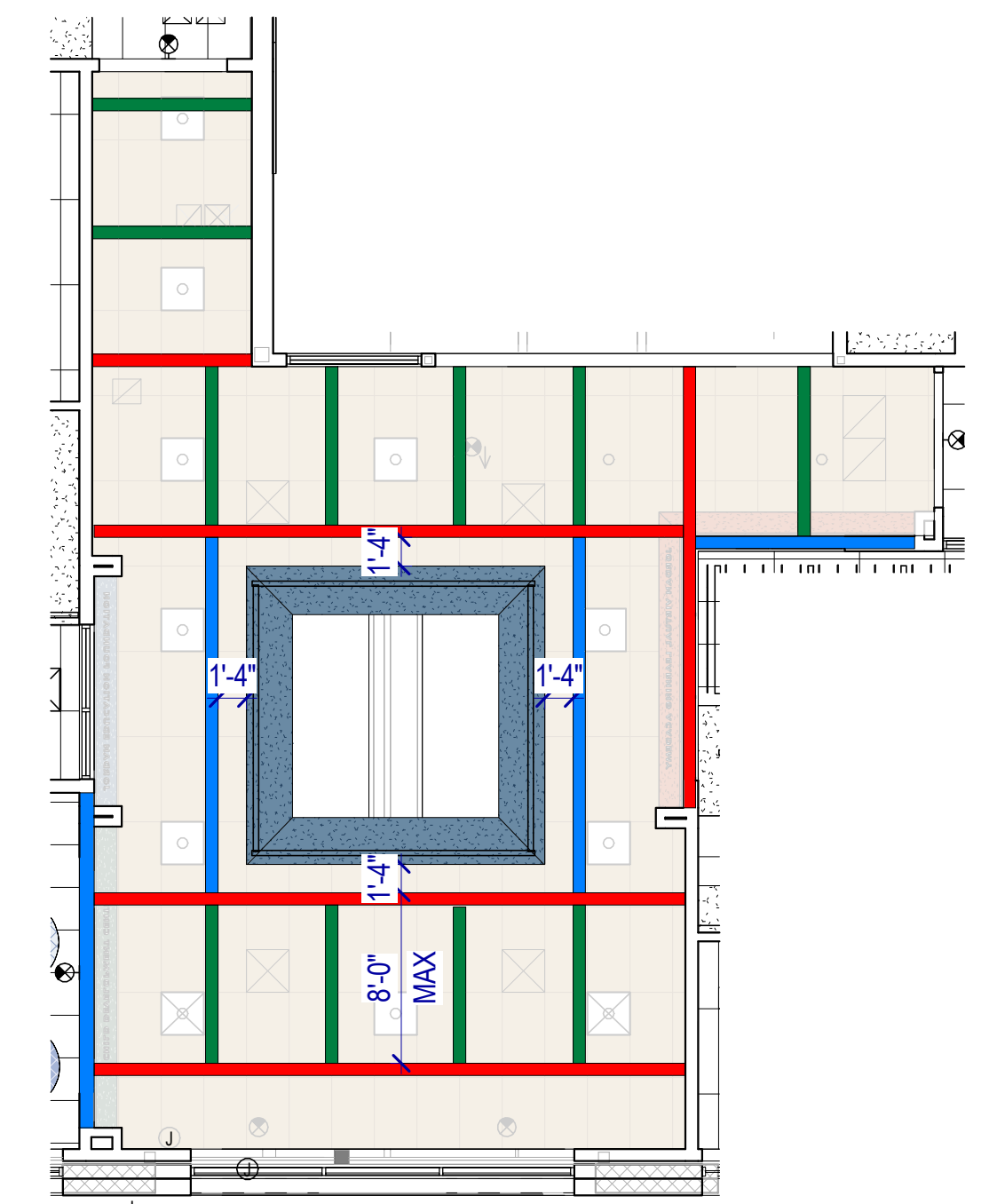
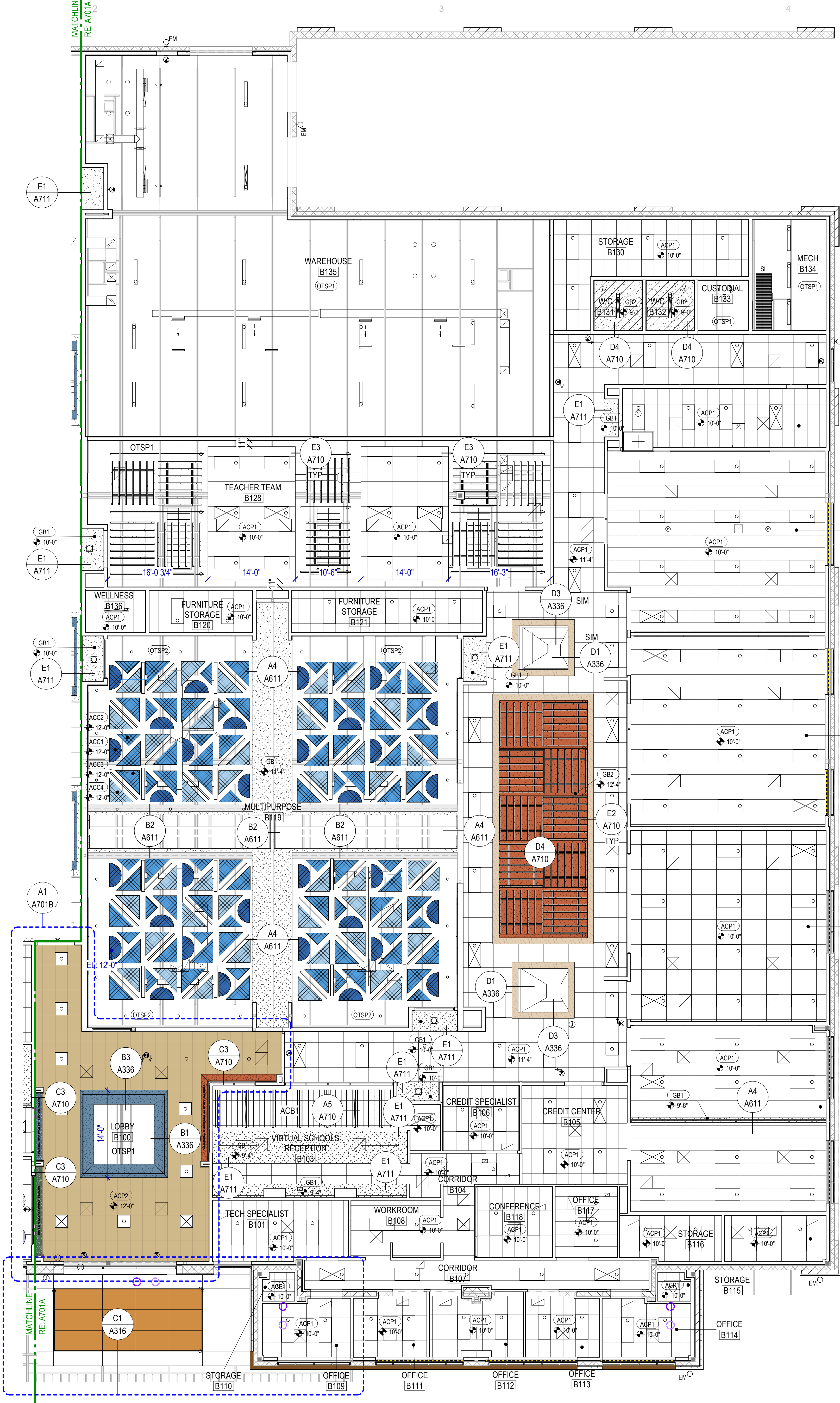
A701B

REFLECTED CEILING PLAN GENERAL NOTES

- RE: A710 for typical suspended ceiling details, including seismic bracing.
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- Keynotes:** Not all keynotes apply to this sheet.

LEGEND - REFLECTED CEILING PLANS

- ACP1 - 24" X 48" ACOUSTICAL CEILING PANEL
SEE DETAIL C4 / A710
- ACP2 - 24" X 48" WOOD VENEER ACOUSTICAL CEILING PANEL A1 / A701B & C4 / A710
- GB1 - PAINTED GYPSUM BOARD
SEE RCP FOR SUSPENSION DETAILS
- GB2 - PAINTED GYPSUM BOARD
SEE RCP FOR SUSPENSION DETAILS
- GB3 - PAINTED GYPSUM BOARD
SEE RCP FOR SUSPENSION DETAILS
- GB4 - PAINTED GYPSUM BOARD
SEE RCP FOR SUSPENSION DETAILS
- GB5 - PAINTED GYPSUM BOARD
SEE RCP FOR SUSPENSION DETAILS
- GB6 - EPOXY PAINTED GYPSUM BOARD
SEE RCP FOR SUSPENSION DETAILS
- PL1 - PLASTIC LAMINATE OVER 3/4" SUBSTRATE
- ACC7&8 - ACOUSTIC CEILING BAFFLE,
SEE DETAIL B4 / A710, UNO
- ACC1, ACC2, ACC3 & ACC4
ACOUSTIC CEILING BAFFLE,
SEE DETAIL C4 / A711
- ACC5 & ACC6 ACOUSTIC CEILING BAFFLE ATTACHED TO CEILING GRID ABOVE
- OTSP1 OPEN TO STRUCTURE - PAINTED
- OTSP2 OPEN TO STRUCTURE - PAINTED
- MECHANICAL DIFFUSERS
SEE MECHANICAL
- LIGHT FIXTURES
SEE ELECTRICAL
- MANUAL ROLLER SHADE



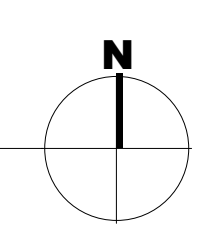
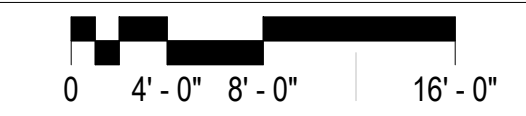
NOTE: WOOD CEILING SUSPENSION SHALL BE DIVIDED BETWEEN THE ROOF STRUCTURE AND STUD HEADERS OVERHEAD. STUD HEADERS SHALL BE LOCATED 1'-4" MINIMUM ABOVE THE SUSPENDED CEILING

LEGEND

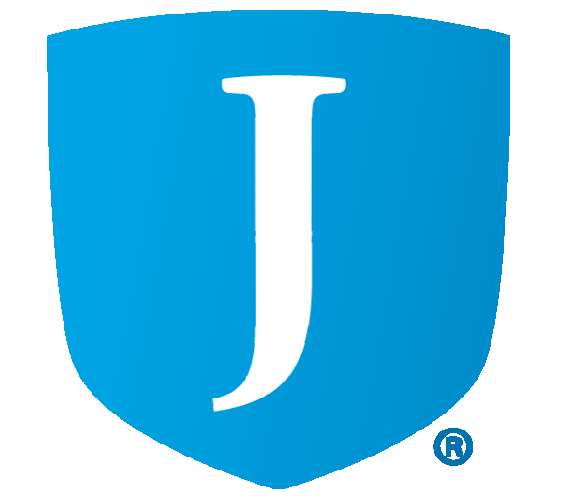
- H3 - SEE DETAIL D3/A711
- H4 - SEE DETAIL D3/A711
- STUD 600S162-54 @ 6'-0" O.C. MAX

A1 CEILING DETAIL
 SCALE: 1/8" = 1'-0"

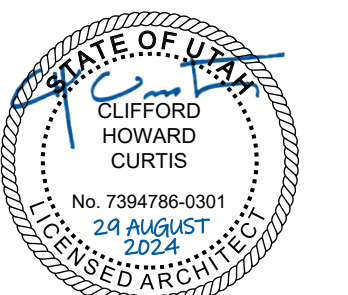
FIRST FLOOR REFLECTED CEILING PLAN - AREA B
 SCALE: 1/8" = 1'-0"



Autodesk/Cad/CAD/2024/528 - RSD Retail Remodel/03/2024/528 - RSD Retail Remodel.rvt
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LAST REVISION DATE.

NO. DATE DESCRIPTION

NO.	DATE	DESCRIPTION

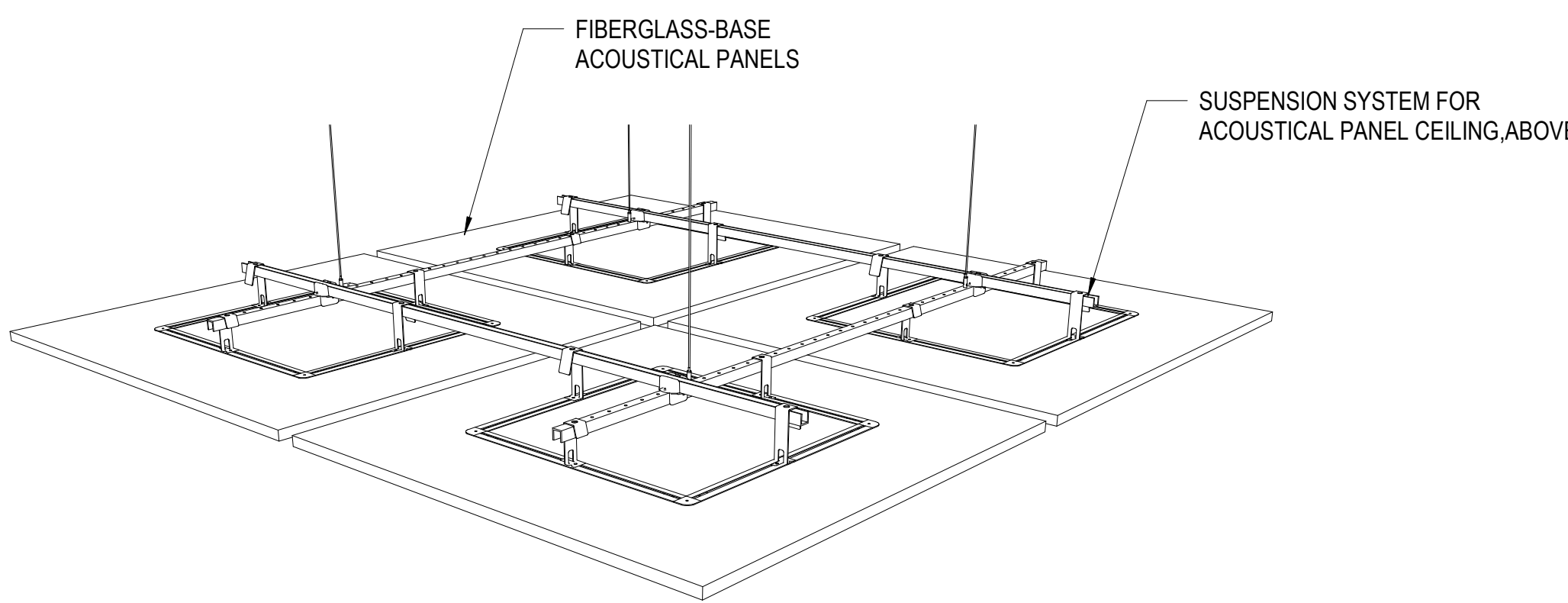
ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME
CEILING DETAILS

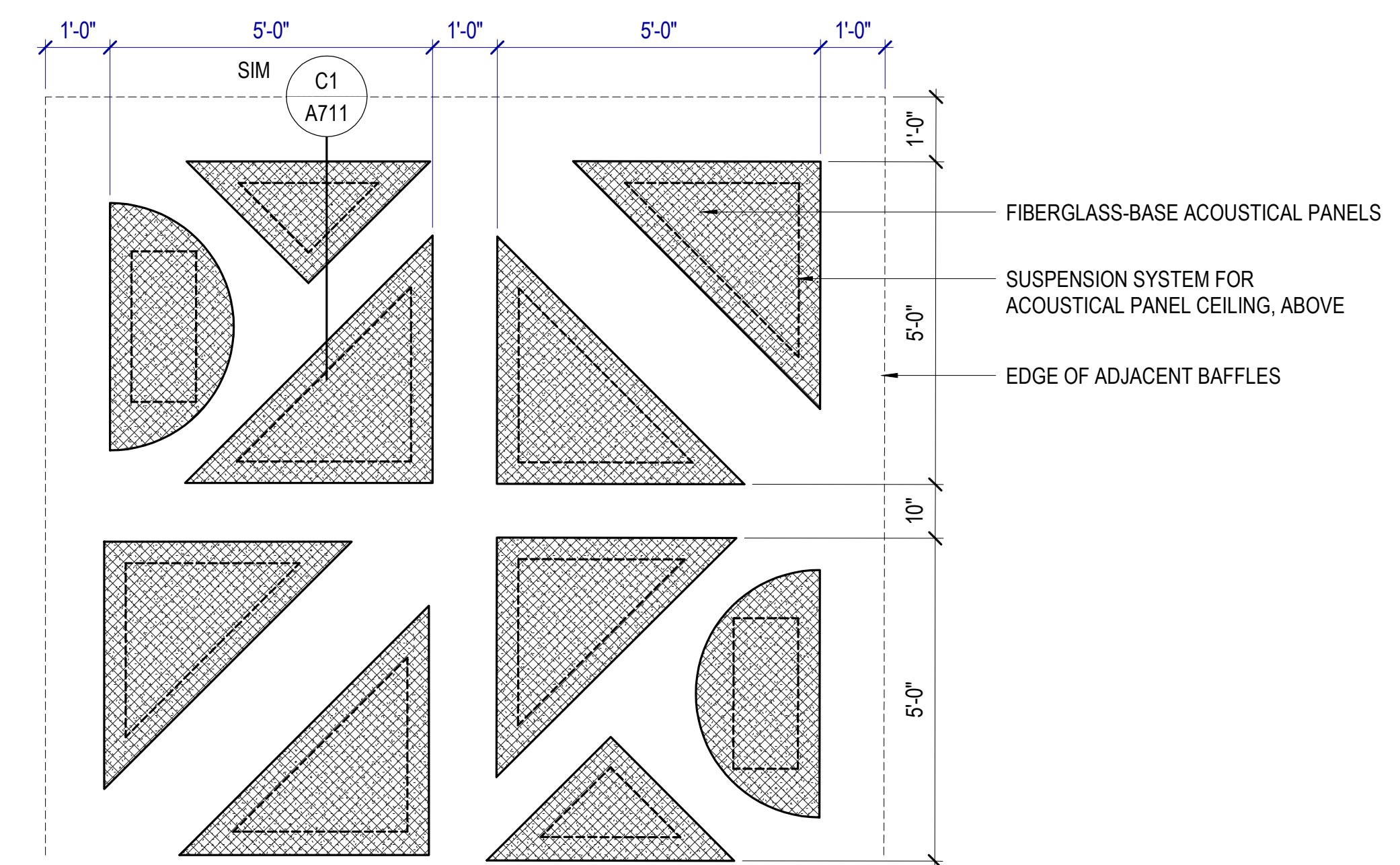
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A711

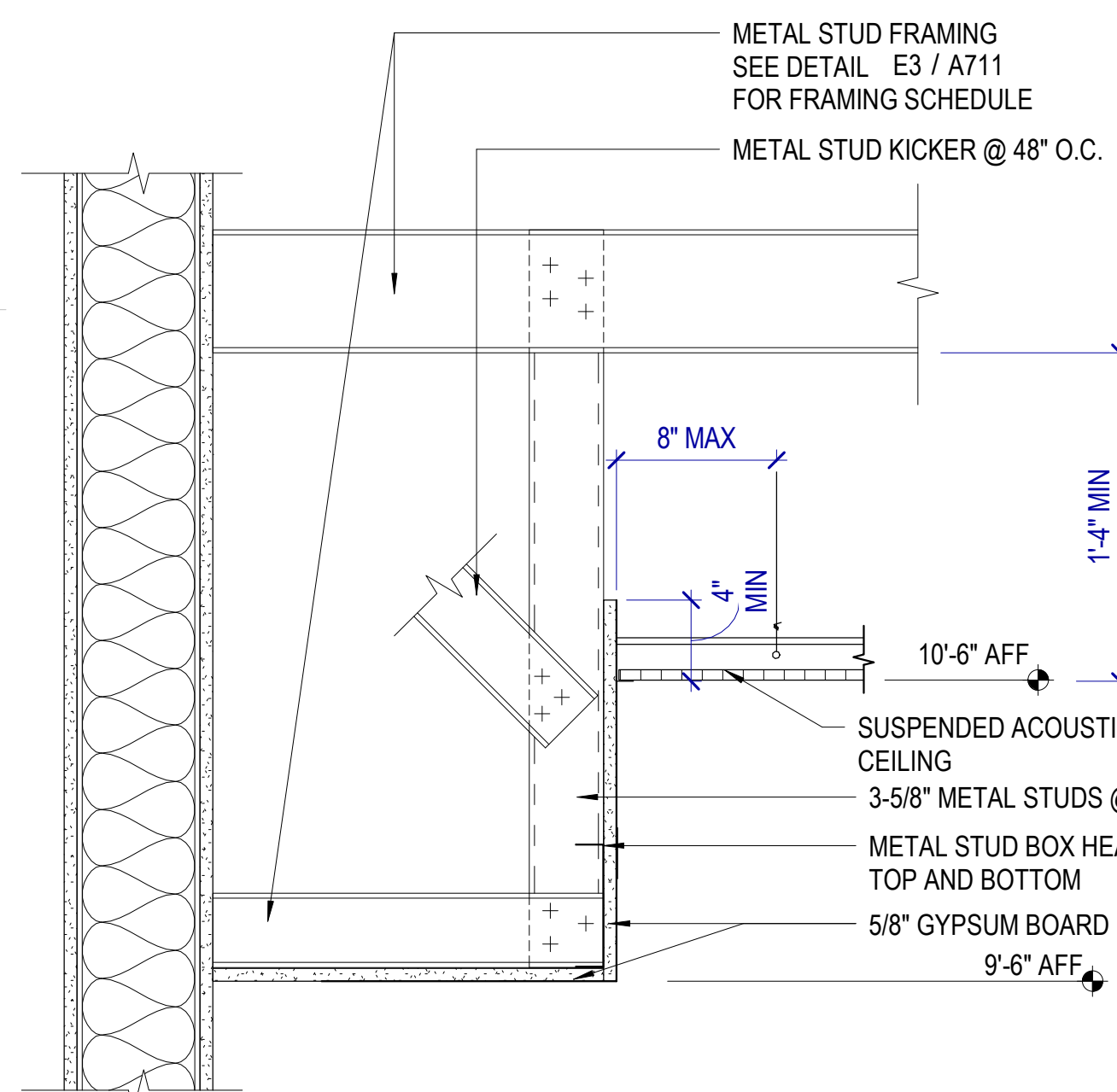
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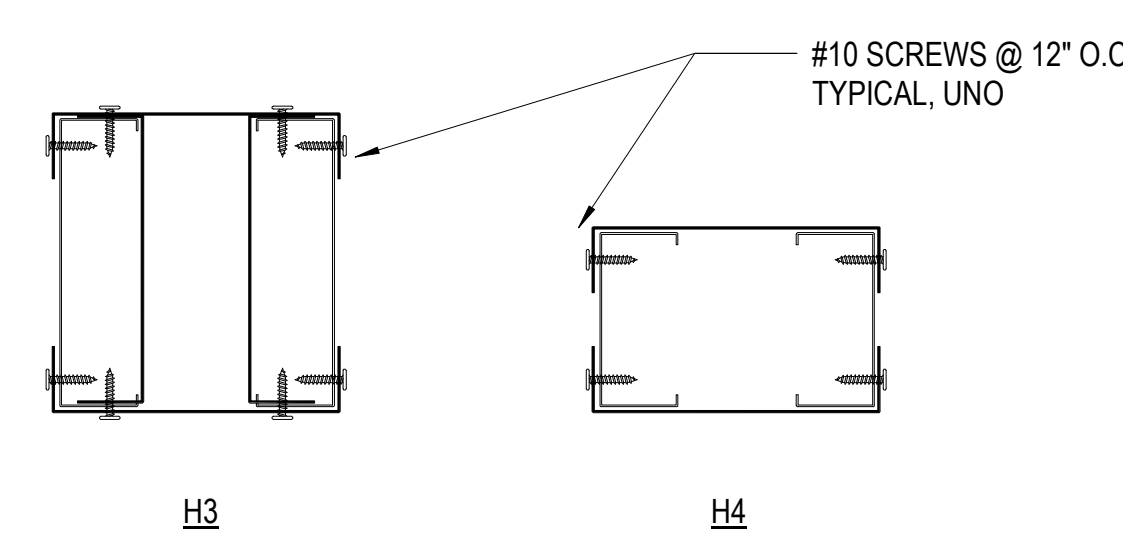
C1 CEILING DETAIL
SCALE: 6" = 1'-0"



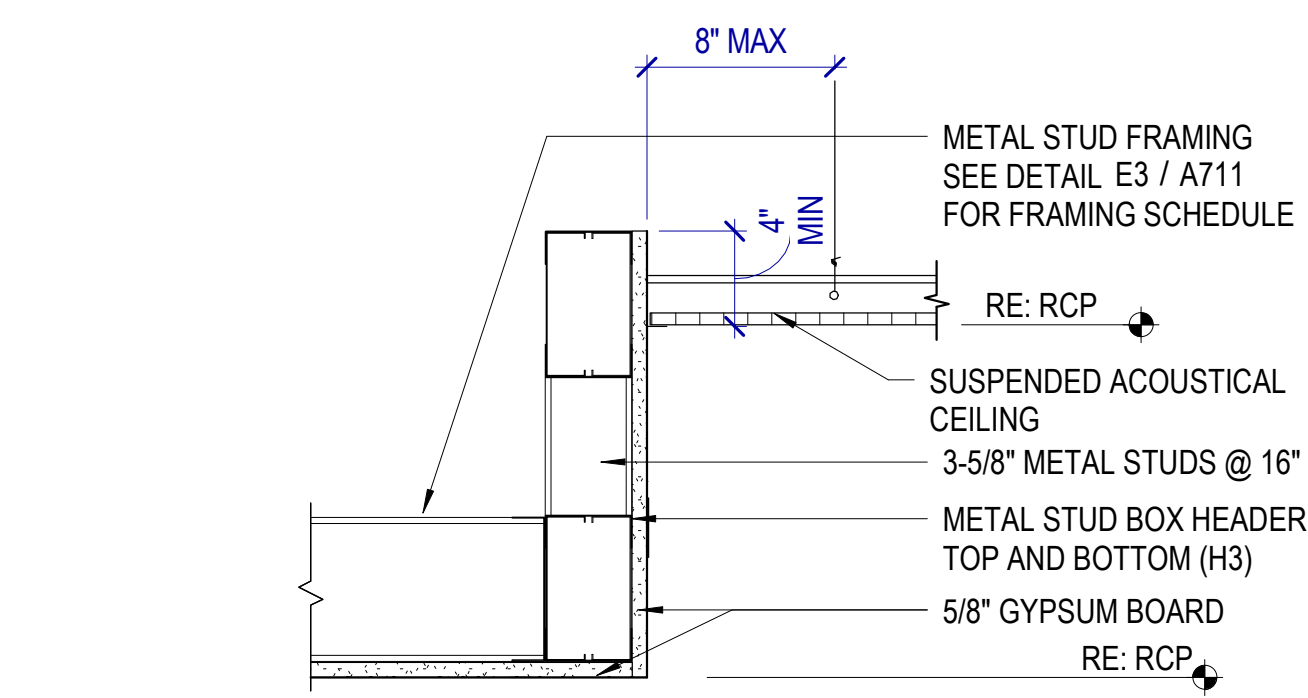
C4 CEILING DETAIL
SCALE: 1/2" = 1'-0"



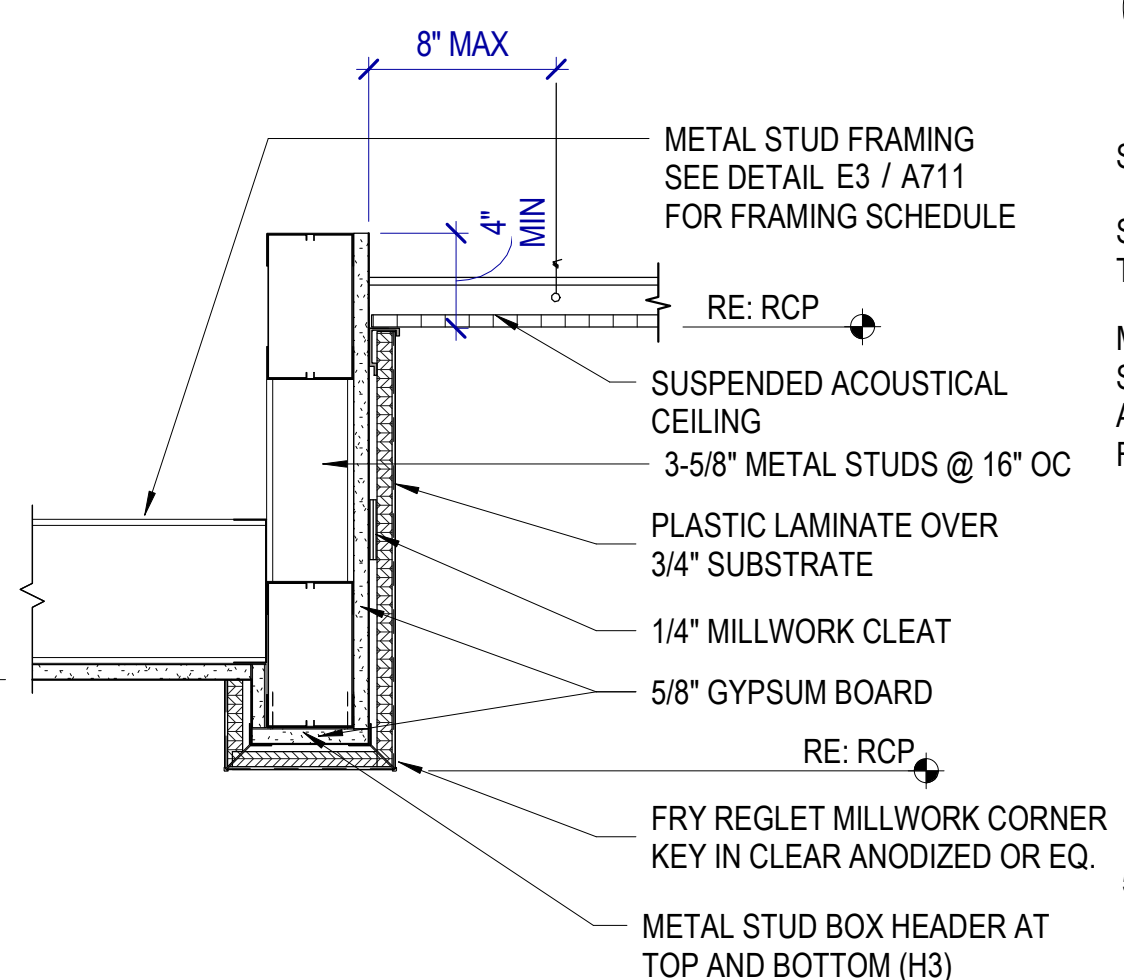
D1 CEILING DETAIL
SCALE: 1 1/2" = 1'-0"



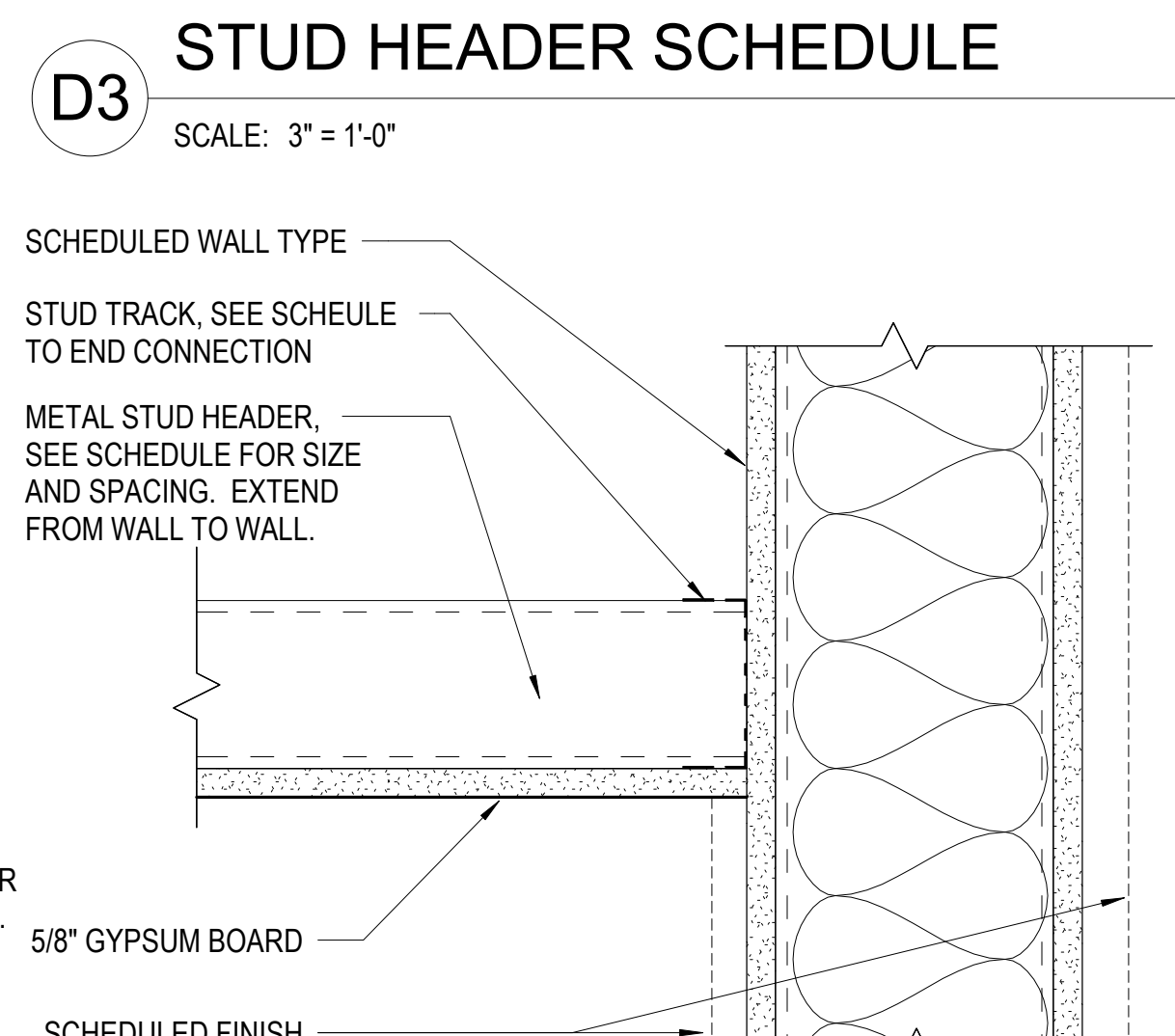
HEADERS FOR STUDS SUPPORTING GYPSUM BOARD AND WOOD CEILINGS		
TYPE	TRACK TYPE	CONNECT TO STUDS
H3	362S162-54	(4) #10 SCREWS TO VERTICAL STUDS STIFF CLIP AL800 W/ (4) #12 SCREWS
H4	400S162-54	(4) #10 SCREWS TO VERTICAL STUDS STIFF CLIP AL600 W/ (4) #12 SCREWS



E1 CEILING DETAIL
SCALE: 1 1/2" = 1'-0"



E2 CEILING DETAIL
SCALE: 1 1/2" = 1'-0"



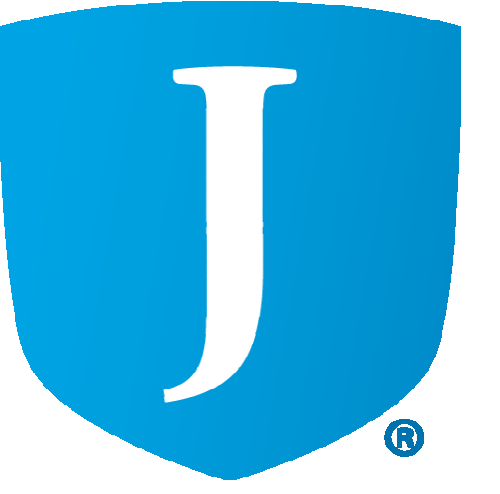
E3 STUD HEADER SCHEDULE - GYPSUM BOARD
SCALE: 3" = 1'-0"

STUDS SUPPORTING GYPSUM BOARD CEILINGS SCHEDULE			
SPAN	MAX SPACING	STUD SIZE	END CONNECTION
LESS THAN 10'-0"	24" O.C.	362S162-54	(3) #10 SCREWS TO WALL STUD
10'-0" to 15'-0"	16" O.C.	400S162-54	(3) #10 SCREWS TO WALL STUD
15'-1" to 20'-0"	16" O.C.	(2) 600S162-54 BACK TO BACK	(3) #10 SCREWS TO WALL STUD

Autodesk/Drawings/2024/528 ABD Retail Remodel/034 2024/528 ABD Retail Remodel.rvt
9/29/2024 7:54:22 AM

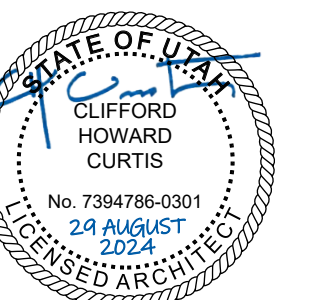
SIGNAGE GENERAL NOTES

Mounting Heights: Comply with ADA Standards and ANSI A117.1 for mounting heights and clearances at signs.



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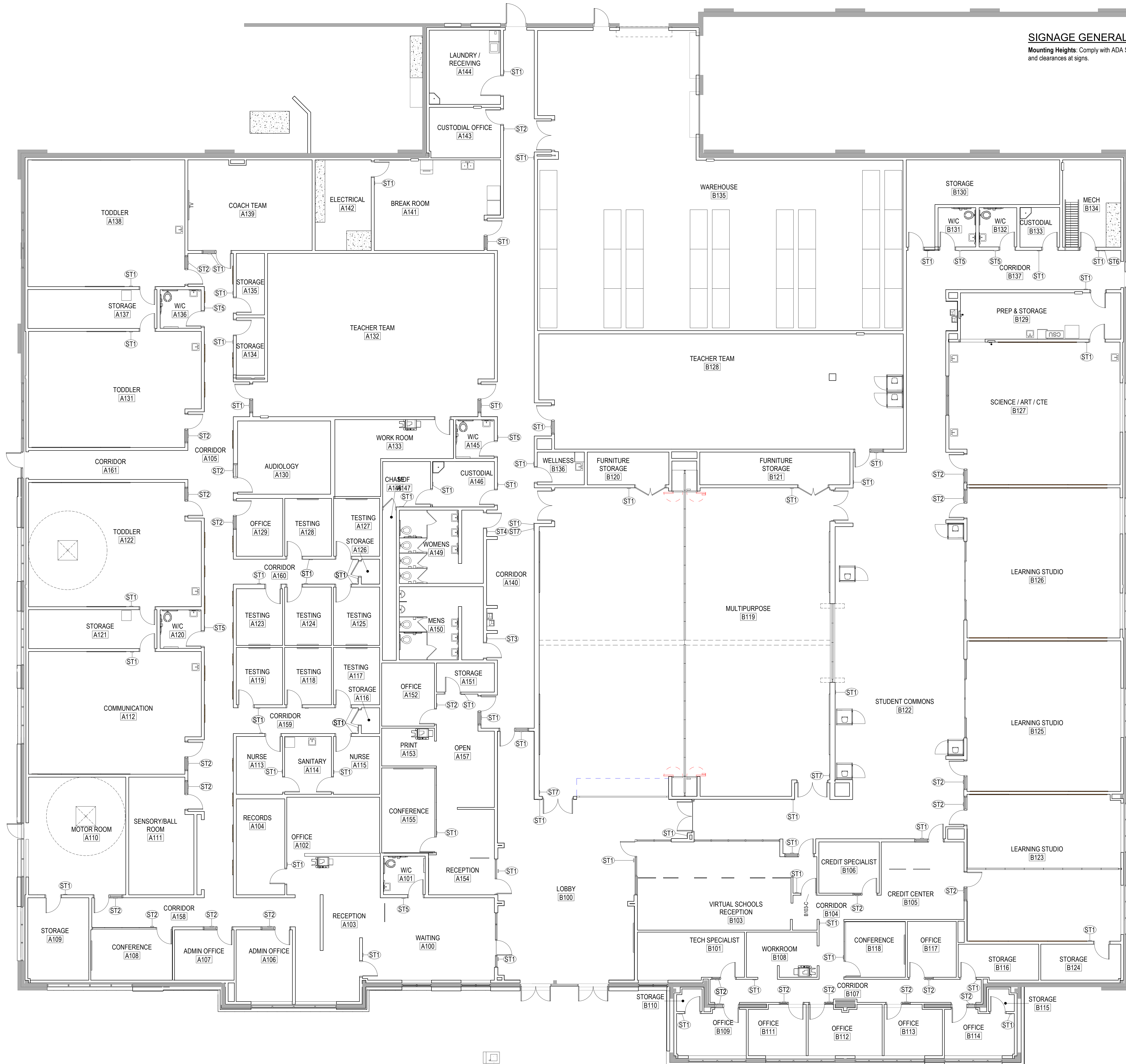
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ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME
SIGNAGE PLAN

SHEET NUMBER

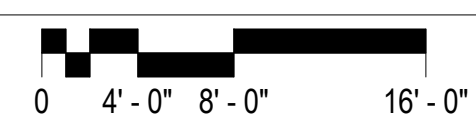
A800



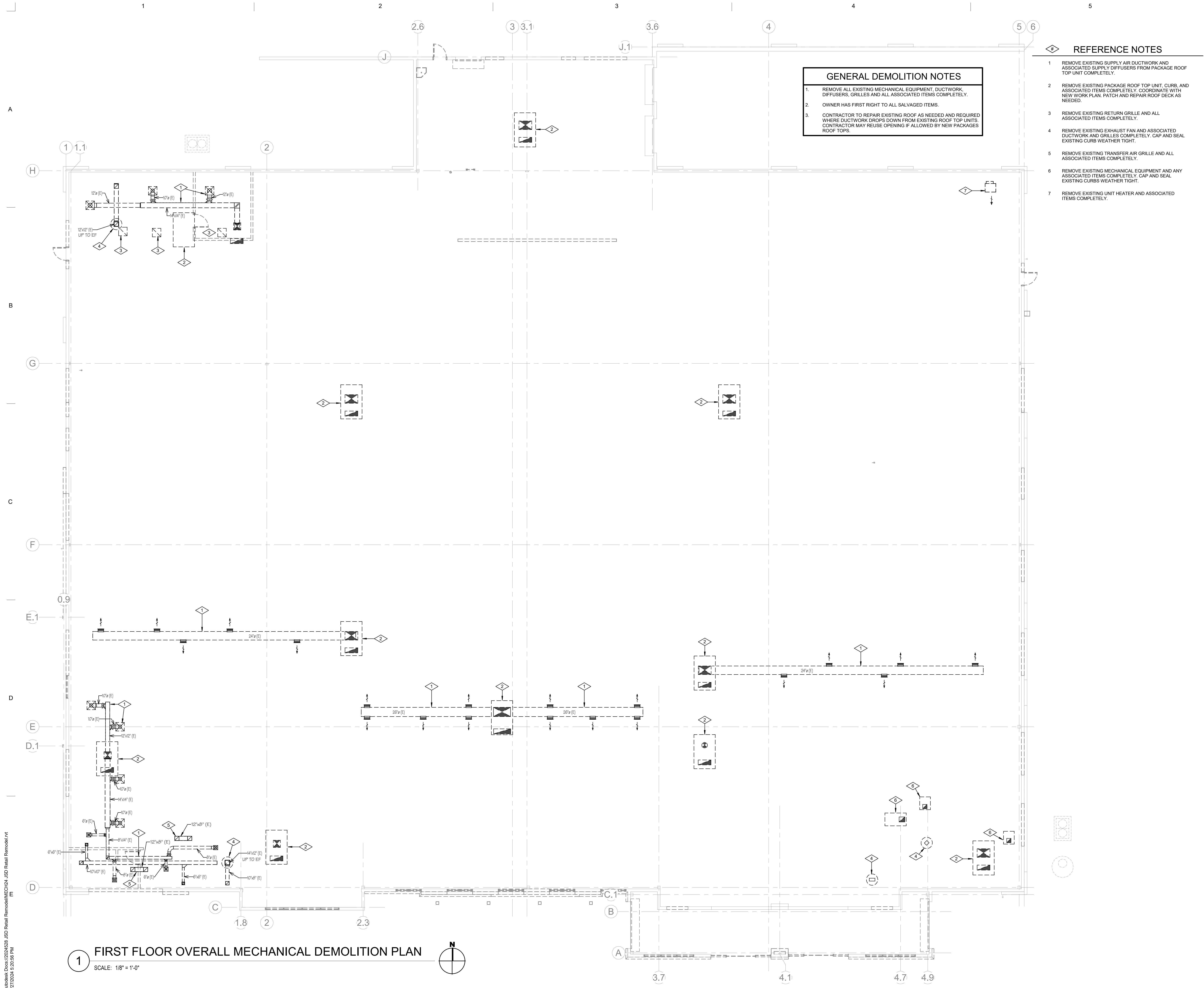
OUTDOOR PLAY
A156

FIRST FLOOR PLAN - SIGNAGE

SCALE: 1/8" = 1'-0"



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GENERAL DEMOLITION NOTES

1. REMOVE ALL EXISTING MECHANICAL EQUIPMENT, DUCTWORK, DIFFUSERS, GRILLES AND ALL ASSOCIATED ITEMS COMPLETELY.
2. OWNER HAS FIRST RIGHT TO ALL SALVAGED ITEMS.
3. CONTRACTOR TO REPAIR EXISTING ROOF AS NEEDED AND REQUIRED WHERE DUCTWORK DROPS DOWN FROM EXISTING ROOF TOP UNITS. CONTRACTOR MAY REUSE OPENING IF ALLOWED BY NEW PACKAGES ROOF TOPS.

- REFERENCE NOTES**
- 1 REMOVE EXISTING SUPPLY AIR DUCTWORK AND ASSOCIATED SUPPLY DIFFUSERS FROM PACKAGE ROOF TOP UNIT COMPLETELY.
 - 2 REMOVE EXISTING PACKAGE ROOF TOP UNIT, CURB, AND ASSOCIATED ITEMS COMPLETELY. COORDINATE WITH NEW WORK PLAN, PATCH AND REPAIR ROOF DECK AS NEEDED.
 - 3 REMOVE EXISTING RETURN GRILLE AND ALL ASSOCIATED ITEMS COMPLETELY.
 - 4 REMOVE EXISTING EXHAUST FAN AND ASSOCIATED DUCTWORK AND GRILLES COMPLETELY. CAP AND SEAL EXISTING CURB WEATHER TIGHT.
 - 5 REMOVE EXISTING TRANSFER AIR GRILLE AND ALL ASSOCIATED ITEMS COMPLETELY.
 - 6 REMOVE EXISTING MECHANICAL EQUIPMENT AND ANY ASSOCIATED ITEMS COMPLETELY. CAP AND SEAL EXISTING CURBS WEATHER TIGHT.
 - 7 REMOVE EXISTING UNIT HEATER AND ASSOCIATED ITEMS COMPLETELY.

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REVISIONS:
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NO.	DATE	DESCRIPTION

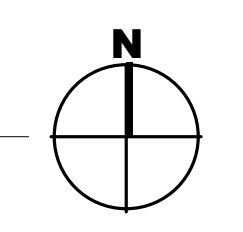
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CONSTRUCTION DOCUMENTS
 AUGUST 29, 2024

SHEET NAME
FIRST FLOOR MECHANICAL DEMOLITION PLAN

SHEET NUMBER
MD101

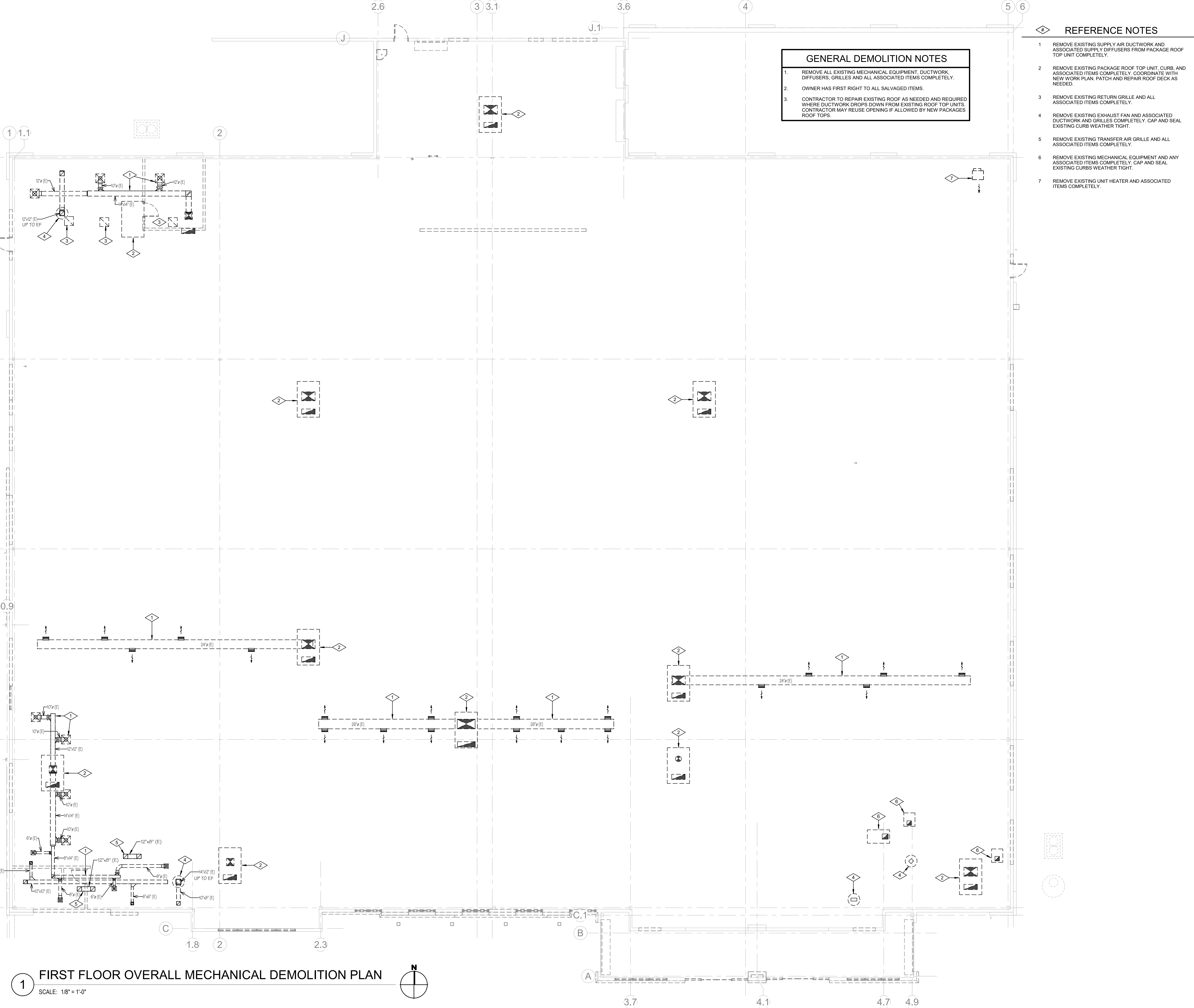
Autodesk Civil 3D 2024.528 JSD Retail Remodel MECH-01 JSD Retail Remodel.dwg
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1 FIRST FLOOR OVERALL MECHANICAL DEMOLITION PLAN
 SCALE: 1/8" = 1'-0"



A
H
B
G
C
F
E.1
D
E
D.1
D

A
B
C
D
E



1 2 3 4 5 6

1 2 3 4 5

1 FIRST FLOOR MECHANICAL PLAN - AREA A
SCALE: 1/8" = 1'-0"

REFERENCE NOTES

- DUCTWORK TO RUN AS HIGH AS POSSIBLE ABOVE CEILING. COORDINATE ROUTING WITH ALL TRADES (TYPICAL).
- HIGH EFFICIENCY TAKE-OFF FITTING WITH VOLUME CONTROL BALANCING DAMPER (TYPICAL).
- FLEXIBLE DUCTWORK. MAXIMUM LENGTH 5'-0" (TYPICAL).
- MANUAL VOLUME CONTROL BALANCING DAMPER (TYPICAL).
- TURNING VANES (TYPICAL).
- WALL MOUNTED HEATING/COOLING THERMOSTAT (TYPICAL).
- WALL MOUNTED, HARD WIRED COOLING/HEATING THERMOSTAT TO CONTROL OPERATION OF AIR CONDITIONING UNIT "AC-1".
- PROVIDE DUCT BOARD SOUND BOOT AT RETURN AIR GRILLE (TYPICAL). SEE DETAIL 13M601.
- TRANSFER AIR DUCT ABOVE CEILING (TYPICAL). SEE DETAIL 9M601.
- SUPPLY AIR DUCT DOWN THRU ROOF FROM ROOFTOP UNIT. COORDINATE EXACT LOCATION WITH STRUCTURE AND UNIT PROVIDED.
- RETURN AIR DUCT UP THRU ROOF FROM ROOFTOP UNIT. COORDINATE EXACT LOCATION WITH STRUCTURE AND UNIT PROVIDED.
- 6" DIA. EXHAUST AIR DUCT UP THRU ROOF. TERMINATE DUCT 24" ABOVE ROOF IN NON-BACKDRAFT TYPE VENT CAP. SEE DETAIL 7M602.
- EXHAUST AIR DUCT RISE THRU ROOF. MAINTAIN A MINIMUM OF 15'-0" FROM ALL OUTSIDE AIR INTAKES.
- 4" DIA. ALUMINUM VENT DROP FROM ABOVE CEILING TO SERVE CLOTHES DRYER. PROVIDE PRE-FABRICATED DRYER BOX SIMILAR TO "DRYERBOX DB-48" IN WALL AT CONNECTION POINT.
- REFRIGERANT PIPING RISE THRU ROOF TO OUTDOOR AIR CONDITIONING UNIT "AC-1".
- NEW PACKAGE ROOF TOP TO BE LOCATED WHERE EXISTING ROOFTOP WAS LOCATED. MAKE ALL REQUIRED ADJUSTMENTS FOR NEW ROOFTOP DUCT PENETRATIONS. COORDINATE WITH ARCHITECTURAL & STRUCTURAL DRAWINGS.
- COORDINATE DUCTWORK ROUTING WITH STRUCTURAL FRAMING FOR SWING IN THIS AREA.
- COORDINATE LOCATION OF SUPPLY DIFFUSER WITH LOCATION OF AUDIO BOOTH. DON'T LOCATE DIRECTLY ABOVE BOOTH.
- SKYLIGHT LOCATED IN THIS AREA. NO ROUTING OF DUCTWORK IS ALLOWED.
- 0-2 HR TIMER SWITCH BY ATC CONTRACTOR.
- REFRIGERANT PIPING RISE THRU ROOF TO OUTDOOR AIR CONDITIONING UNIT "AC-2".



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MHTN PROJECT NO. 2024528

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REVISIONS:

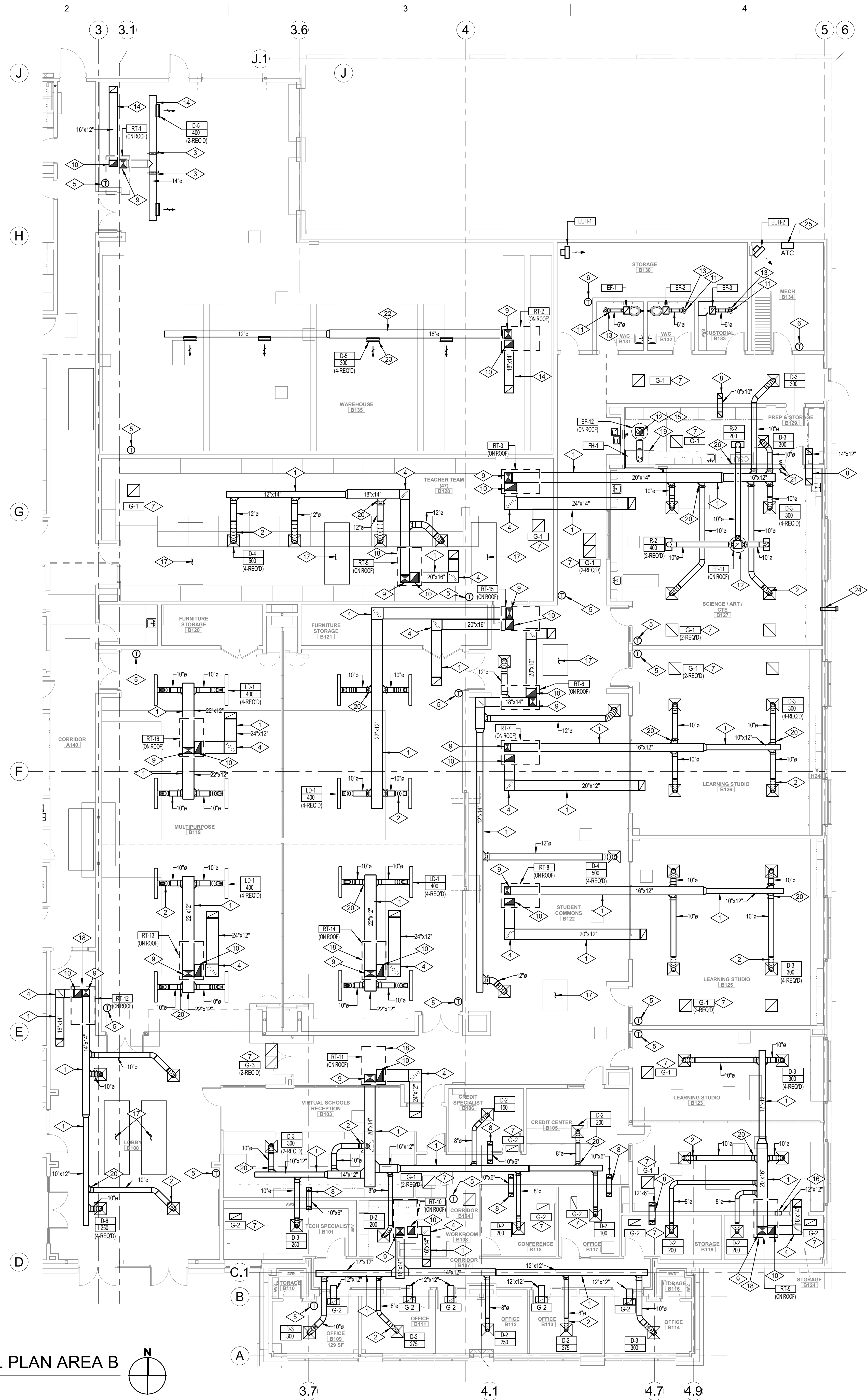
NO.	DATE	DESCRIPTION

ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME
FIRST FLOOR
MECHANICAL
PLAN AREA A

SHEET NUMBER
M101A

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1 FIRST FLOOR MECHANICAL PLAN AREA B
 SCALE: 1/8" = 1'-0"

REFERENCE NOTES

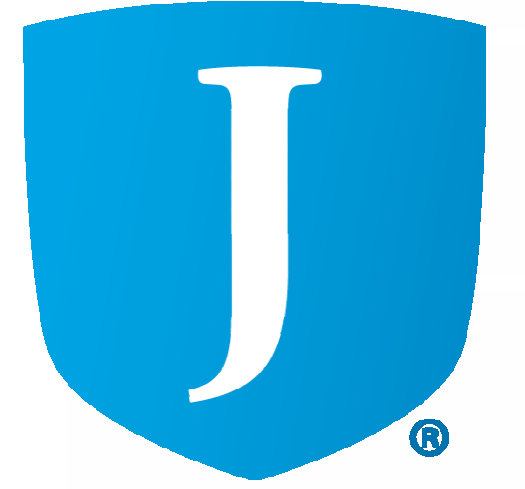
- 1 DUCTWORK TO RUN AS HIGH AS POSSIBLE ABOVE CEILING. COORDINATE ROUTING WITH ALL TRADES (TYPICAL).
- 2 FLEXIBLE DUCTWORK. MAXIMUM LENGTH 5'-0" (TYPICAL).
- 3 MANUAL VOLUME CONTROL BALANCING DAMPER (TYPICAL).
- 4 TURNING VANES (TYPICAL).
- 5 WALL MOUNTED HEATING/COOLING THERMOSTAT (TYPICAL).
- 6 WALL MOUNTED TEMPERATURE SENSOR (TYPICAL).
- 7 PROVIDE DUCT BOARD SOUND BOOT AT RETURN AIR GRILLE (TYPICAL). SEE DETAIL 13M601.
- 8 TRANSFER AIR DUCT ABOVE CEILING (TYPICAL). SEE DETAIL 9M801.
- 9 SUPPLY AIR DUCT DOWN THRU ROOF FROM ROOFTOP UNIT. COORDINATE EXACT LOCATION WITH STRUCTURE AND UNIT PROVIDED.
- 10 RETURN AIR DUCT UP THRU ROOF FROM ROOFTOP UNIT. COORDINATE EXACT LOCATION WITH STRUCTURE AND UNIT PROVIDED.
- 11 6" DIA. EXHAUST AIR DUCT UP THRU ROOF. TERMINATE DUCT 24" ABOVE ROOF IN NON-BACKDRAFT TYPE VENT CAP. SEE DETAIL 7M602.
- 12 EXHAUST AIR DUCT RISE THRU ROOF. MAINTAIN A MINIMUM OF 15'-0" FROM ALL OUTSIDE AIR INTAKES.
- 13 DUCT THRU ROOF. COORDINATE WITH STRUCTURE.
- 14 DUCTWORK TO RUN EXPOSED CENTERED BETWEEN JOISTS.
- 15 FUME HOOD EXHAUST DUCT THRU ROOF. WELDED STAINLESS STEEL IS REQUIRED.
- 16 PROVIDE OPENING IN WALL ABOVE CEILING.
- 17 SKYLIGHT LOCATED IN THIS AREA. NO ROUTING OF DUCTWORK IS ALLOWED.
- 18 NEW PACKAGE ROOF TOP TO BE LOCATED WHERE EXISTING ROOFTOP WAS LOCATED. MOVE ALL REQUIRED ADJUSTMENTS FOR NEW ROOFTOP DUCT PENETRATIONS. COORDINATE WITH ARCHITECTURAL & STRUCTURAL DRAWINGS.
- 19 CONNECT EXHAUST DUCT TO FUME HOOD.
- 20 HIGH EFFICIENCY TAKE-OFF FITTING WITH VOLUME CONTROL BALANCING DAMPER (TYPICAL).
- 21 0-2 HR TIMER SWITCH WITH PILOT LIGHT TO CONTROL EXHAUST FAN EF-11 SWITCH TO BE PROVIDED BY ATC CONTRACTOR.
- 22 DUCTWORK TO RUN EXPOSED THRU EXISTING JOIST WEBBING. COORDINATE WITH NEW & EXISTING CONDITIONS.
- 23 INSTALL SUPPLY DIFFUSER BETWEEN JOIST.
- 24 INSTALL 4" DRY VENT JUST ABOVE CABINET ELEVATION. COORDINATE WITH OWNER PRIOR TO INSTALLING.
- 25 ATC PANEL. DIV. 26 CONTRACTOR TO PROVIDE 120/160 SERVICE.
- 26 VENT CHEMICAL STORAGE CABINET WITH 2" PVC PIPE. PVC PIPE TO VENT UP THRU THE ROOF.



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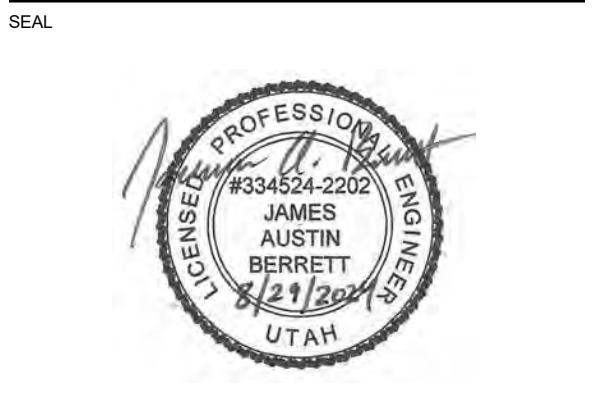


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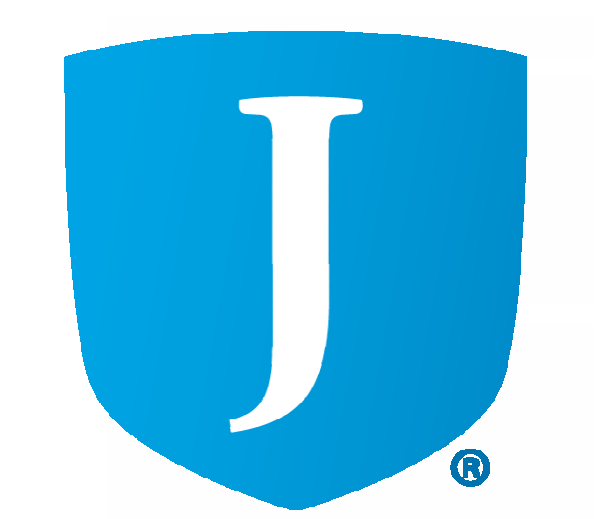
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FIRST FLOOR MECHANICAL PLAN AREA B

SHEET NUMBER
M101B

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GAS FIRE / DX ROOF TOP UNIT SCHEDULE

Table with columns: SYMBOL, LOCATION, CFM, E.S.P, MIN. O.A. CFM, DX - COOLING CAPACITY (GROSS DX MBH, GROSS DX SENSIBLE MBH, DX EFFICIENCY), GAS - HEATING CAPACITY (GAS MBH INPUT, GAS MBH OUTPUT, GAS EFFICIENCY), POWER, MCA, MOCP, RT-SIZE, UNIT WTS. LBS, MAKE & MODEL, NOTES. Rows include RT-1 through RT-25 for various building locations like Warehouse, Science/Articte, Custodial Office, etc.

- NOTES:
1. DX COOLING CAPACITY TO BE BASED ON 98.0 DEG. AMBIENT, 80 DEG. EAT (DB) ABD 63 DEG (WB).
2. STAGE COOLING.
3. NATURAL GAS.
4. PROJECT ALTITUDE 4500.
5. PROVIDE 2" PLEATED FILTERS, 24" FACTORY CURB, FACTORY DISCONNECT, AND HAIL GUARDS, BACNET OR LON CARD, THRU THE BASE NON-FUSED DISCONNECT, HINGED PANELS.
6. PROVIDE FACTORY UN-POWERED 15 AMP @ 120V/60 CONVENIENCE OUTLET.
7. PROVIDE 100% ECONOMIZER.

MECHANICAL EQUIPMENT SCHEDULE

EXHAUST FAN SCHEDULE

Table with columns: SYMBOL, TYPE, CFM, E.S.P, MOTOR, DRIVE, UNIT WTS. LBS, MAKE & MODEL, NOTES. Rows include EF-1 through EF-12 for various ceiling and roof locations.

- NOTES:
1. EXHAUST FANS TO BE ROOF-MOUNTED CENTRIFUGAL TYPE. COMPLETE WITH SPUN ALUMINUM HOOD, BIRDSCREEN, DISCONNECT SWITCH UNDER HOOD, 16" PREFAB CURB AND BACKDRAFT DAMPER.
2. CEILING MOUNTED EXHAUST FANS TO BE COMPLETE WITH SIGHT TIGHT BAR-TYPE CEILING GRILLE, BACKDRAFT DAMPERS, SPEED CONTROLLER AND FLEXIBLE CONNECTION ON DISCHARGE DUCT.
3. FAN TO OPERATE ON WALL SWITCH WITH 0.2 HOUR TIMER AND PILOT LIGHT. SEE SPECIFICATIONS.
4. TURN ON WITH LIGHTS W/ 10 MIN DELAY. SEE SPECIFICATIONS.
5. EXHAUST FAN TO TIE INTO FUME HOOD 'FH-1'. SEE SPECIFICATIONS.

- AC-1 INDOOR UNIT: HEATING/COOLING, WALL MOUNTED, HORIZONTAL DISCHARGE, 320-370-425CFM, 8,000-18,000 BTUH TOTAL COOLING CAPACITY AT 95°F O.A. TEMP, 80°F D.B. & 67°F W.B., 13,000 BTUH TOTAL HEATING CAPACITY AT 17°F O.A. TEMP, 70°F D.B. & 60°F W.B., MCA=1.0, 208/230/160 MOTOR TO BE UL LISTED. UNIT TO BE COMPLETE WITH CLEANABLE FILTER, CONDENSATE PUMP, CHECK & EXPANSION VALVE KIT, PRE-CHARGED LINE SET, DRIP PAN AND DRAIN CONNECTION. PROVIDE WALL MOUNTED THERMOSTAT WITH NIGHT SET BACK. THERMOSTAT SHALL BE HARD WIRED TO UNIT. UNIT DIM: 35 3/8" LENGTH X 11 5/8" HEIGHT X 9 13/16" DEPTH. WEIGHT: 29 LBS. SEER : 15.3. MANUFACTURER: MITSUBISHI. MODEL: PKA-A18H44.
OUTDOOR UNIT: AIR COOLED, HORIZONTAL DISCHARGE, INVERTER COMPRESSOR, UNIT TO BE MOUNTED ON ROOF, 8,000-18,000 BTUH TOTAL COOLING CAPACITY AT 95°F O.A. TEMP, 80°F D.B. & 67°F W.B., 13,000 BTUH TOTAL HEATING CAPACITY AT 17°F O.A. TEMP, 70°F D.B. & 60°F W.B., MCA=1.3, 208/230/160. UNIT TO BE COMPLETE WITH CRANKCASE HEATER, AMBIENT CONTROL KIT TO 0°F, AND ALL CONTROLS FOR AUTOMATIC OPERATION. CONTRACTOR TO PROVIDE A ROOF CURB 12" ABOVE FINISHED ROOF LEVEL. UNIT DIM: 31 1/2" LENGTH X 23 5/8" X HEIGHT X 11 3/16" WIDTH. WEIGHT: 91 LBS. MANUFACTURER: MITSUBISHI. MODEL: FUZ-A18NH44.

- AC-2 INDOOR UNIT: HEATING/COOLING, WALL MOUNTED, HORIZONTAL DISCHARGE, 320-370-425CFM, 8,000-18,000 BTUH TOTAL COOLING CAPACITY AT 95°F O.A. TEMP, 80°F D.B. & 67°F W.B., 13,000 BTUH TOTAL HEATING CAPACITY AT 17°F O.A. TEMP, 70°F D.B. & 60°F W.B., MCA=1.0, 208/230/160 MOTOR TO BE UL LISTED. UNIT TO BE COMPLETE WITH CLEANABLE FILTER, CONDENSATE PUMP, CHECK & EXPANSION VALVE KIT, PRE-CHARGED LINE SET, DRIP PAN AND DRAIN CONNECTION. PROVIDE WALL MOUNTED THERMOSTAT WITH NIGHT SET BACK. THERMOSTAT SHALL BE HARD WIRED TO UNIT. UNIT DIM: 35 3/8" LENGTH X 11 5/8" HEIGHT X 9 13/16" DEPTH. WEIGHT: 29 LBS. SEER : 15.3. MANUFACTURER: MITSUBISHI. MODEL: PKA-A18H44.
OUTDOOR UNIT: AIR COOLED, HORIZONTAL DISCHARGE, INVERTER COMPRESSOR, UNIT TO BE MOUNTED ON ROOF, 8,000-18,000 BTUH TOTAL COOLING CAPACITY AT 95°F O.A. TEMP, 80°F D.B. & 67°F W.B., 13,000 BTUH TOTAL HEATING CAPACITY AT 17°F O.A. TEMP, 70°F D.B. & 60°F W.B., MCA=1.3, 208/230/160. UNIT TO BE COMPLETE WITH CRANKCASE HEATER, AMBIENT CONTROL KIT TO 0°F, AND ALL CONTROLS FOR AUTOMATIC OPERATION. CONTRACTOR TO PROVIDE A ROOF CURB 12" ABOVE FINISHED ROOF LEVEL. UNIT DIM: 31 1/2" LENGTH X 23 5/8" X HEIGHT X 11 3/16" WIDTH. WEIGHT: 91 LBS. MANUFACTURER: MITSUBISHI. MODEL: FUZ-A18NH44.

- FH-1 PASS THROUGH LABORATORY FUME HOOD; FIBERGLASS ENCLOSURE WITH CLEAR WINDOWS AND LIFT SASH. LED SERVICE LIGHTING AND SWITCH, ONE PRE-PLUMBED SERVICE FIXTURES (1 COLD WATER) AND VALVES AT LOWER RIGHT ON OUTSIDE OF ENCLOSURE, 1 DUPLEX GFI ELECTRICAL RECEPTACLE ON LOWER RIGHT SIDE.
PROVIDE:
- CORROSION RESISTANT WORK SURFACE
- LEFT SIDE CUP-SINK WITH P-TRAP.
- WHITE STORAGE CABINET BASE WITH DUAL HINGED DOORS
- 4-SIDED CEILING ENCLOSURE KIT, WHITE PANELS
- SASH STOPS
MANUFACTURER: LABCONCO
MODEL: PROTECTOR PASS THROUGH 5'-0"
ELECTRICAL: 10 AMP @ 115V/60
DIMENSIONS: OVERALL EXTERIOR: 5 FOOT NOMINAL WIDTH; 60" W X 50" H X 33.4" D
OVERALL INTERIOR: 5 FOOT NOMINAL WIDTH; 50.1" W X 48" H X 23.9" D

DIFFUSER SCHEDULE

Table with columns: SYMBOL, TYPE, SIZE, LOCATION, AIR PATTERN, MAKE & MODEL, NOTES (5). Rows include D-1 through D-6 for supply and return diffusers.

- NOTE:
1. CUSTOM COLOR, COORDINATE WITH ARCHITECT.
2. GRILLE SHALL HAVE BRIGHT WHITE FINISH AND FLANGE FOR LAY-IN CEILING.
3. PROVIDE WITH SHEET METAL FOOT.

GRILLES SCHEDULE

Table with columns: SYMBOL, TYPE, SIZE, LOCATION, MAKE & MODEL, NOTES. Rows include G-1 through G-3 for return grilles.

- NOTE:
1. COLOR AND FINISH TO MATCH CEILING GRID, COORDINATE WITH ARCHITECT. SUPPLIER OF REGISTERS AND GRILLES SHALL COORDINATE WITH REFLECTED CEILING PLANS TO DETERMINE PROPER FRAMES.
2. GRILLE SHALL HAVE BRIGHT WHITE FINISH AND FLANGE FOR LAY-IN CEILING.
3. GRILLE SHALL HAVE A CUSTOM COLOR FINISH. SELECTION BY ARCHITECT.

REGISTER SCHEDULE

Table with columns: SYMBOL, TYPE, SIZE, LOCATION, MAKE & MODEL, NOTES. Rows include R-1 and R-2 for exhaust registers.

- NOTE:
1. COLOR AND FINISH TO MATCH CEILING GRID, COORDINATE WITH ARCHITECT. SUPPLIER OF REGISTERS AND GRILLES SHALL COORDINATE WITH REFLECTED CEILING PLANS TO DETERMINE PROPER FRAMES.
2. REGISTERS TO BE CW OPPOSED BLADE VOLUME CONTROL DAMPER.

ELECTRIC UNIT HEATER

Table with columns: SYMBOL, LOCATION, MOUNTING, CFM, HEATING M.B.H, H.P., POWER, MAKE & MODEL, NOTES. Rows include EUH-1 and EUH-2 for storage and mechanical heaters.

- NOTE:
1. PROVIDE LINE VOLTAGE UNIT MOUNTED THERMOSTAT.
2. WALL MOUNTING BRACKET.
3. SUMMER/WINTER SWITCH AND OVERHEAT CONTROL MOUNTER ON UNIT.

LINEAR DIFFUSER SCHEDULE

Table with columns: SYMBOL, TYPE, NUMBER OF SLOTS, SIZE, AIR PATTERN, MAKE & MODEL, NOTES. Rows include LD-1 and LD-2 for linear diffusers.

- NOTE:
1. COLOR & FINISH TO BE BLACK. ARCHITECT TO SELECT.
2. INTERIOR DEFLECTOR OF DIFFUSER SHALL BE FLAT BLACK.
3. MAXIMUM NC OF 22 AT DESIGN CFM.
4. ALL LINEAR DIFFUSERS MUST BE SUPPORTED FROM OVERHEAD CONSTRUCTION INDEPENDENT OF CEILING WITH AT LEAST 2-WIRES.
5. PROVIDE WITH SHEET METAL PLENUM PAINT BLACK.
6. BRIGHT WHITE FINISH WITH T-BAR INSTALLATION

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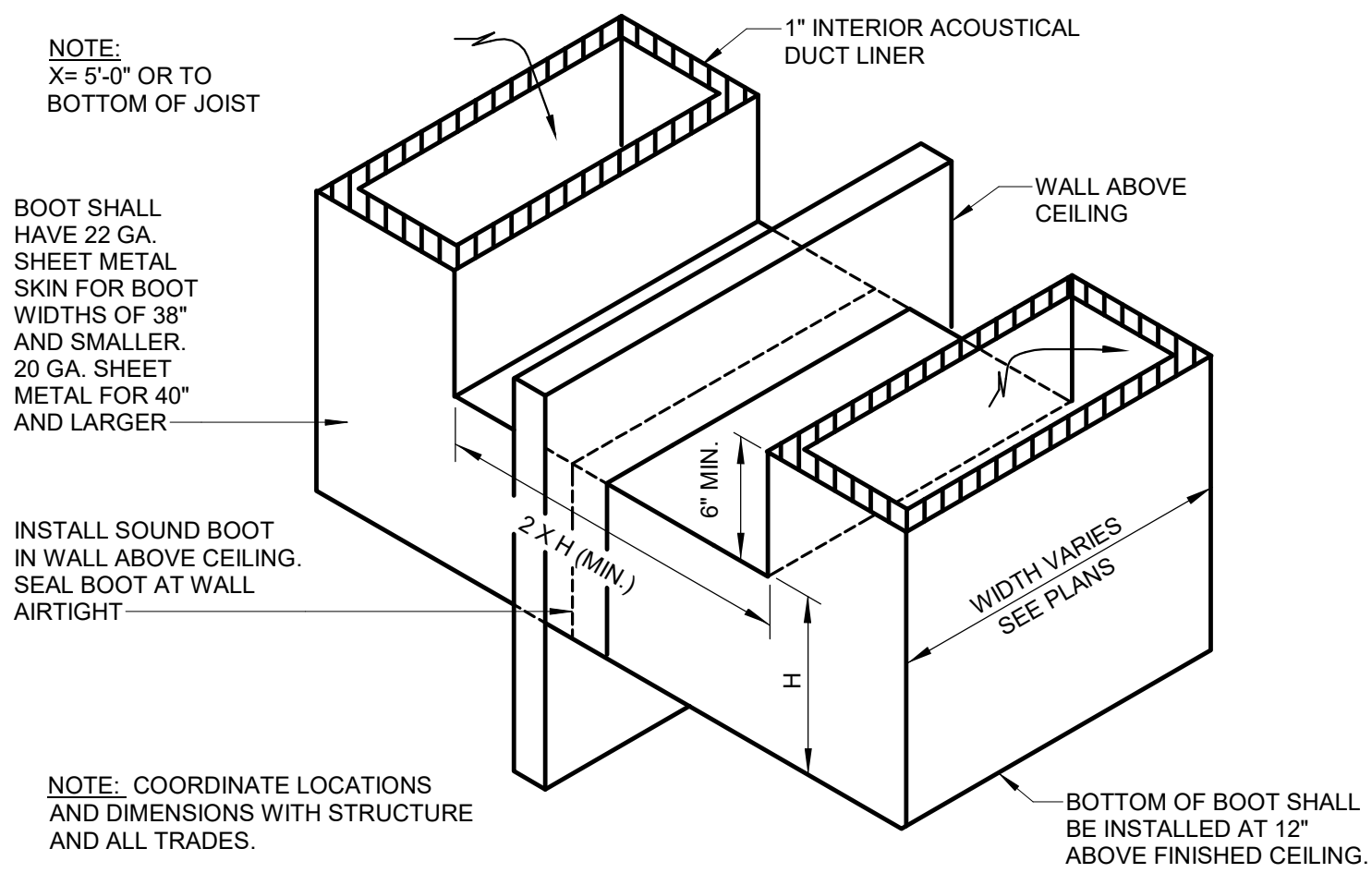
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Original Drawing is 36" x 42". Do not scale contents of this drawing.

Table with columns: NO, DATE, DESCRIPTION. Used for tracking revisions to the drawing.

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AUGUST 29, 2024

MECHANICAL SCHEDULES

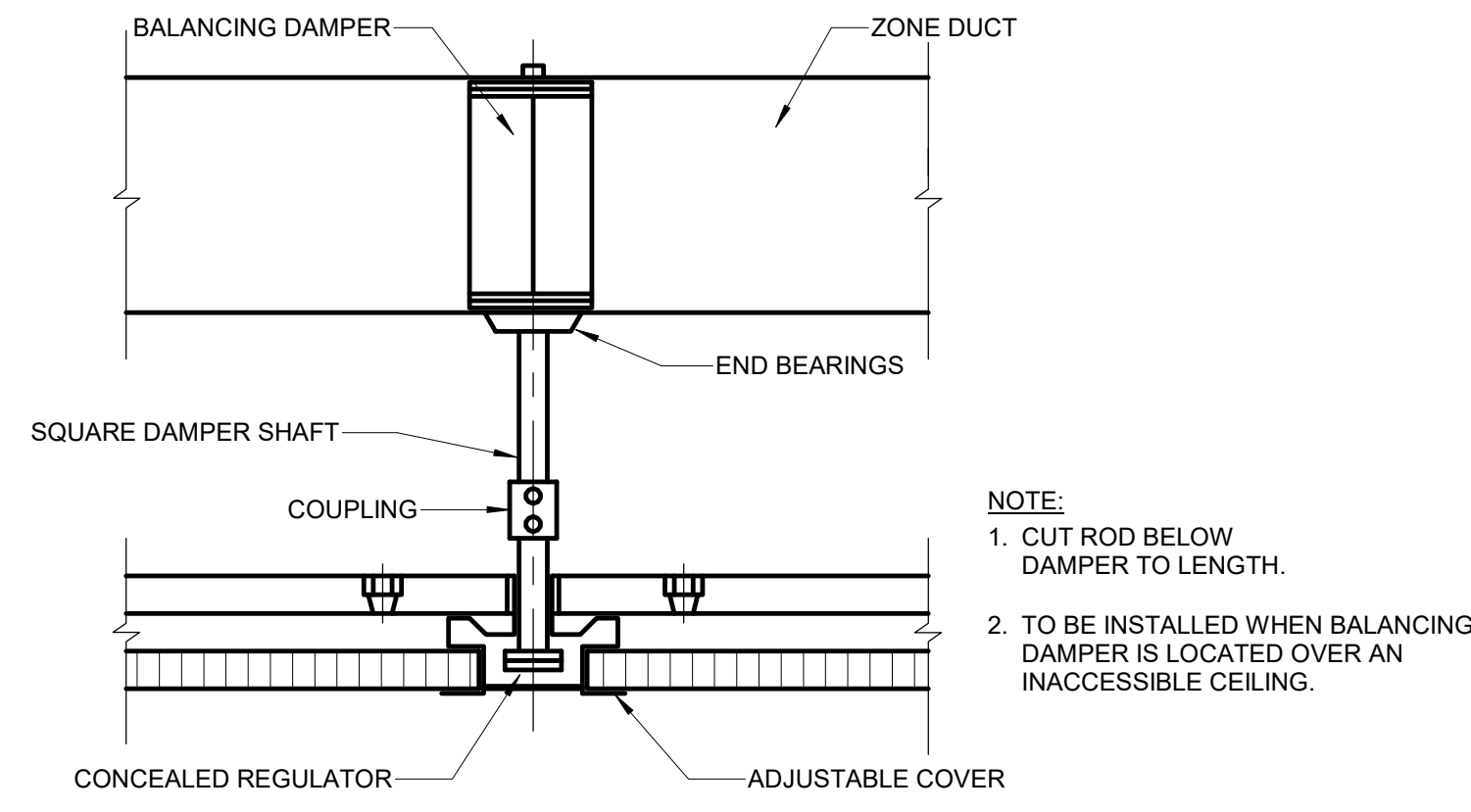
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RETURN AIR SOUND BOOT DETAIL

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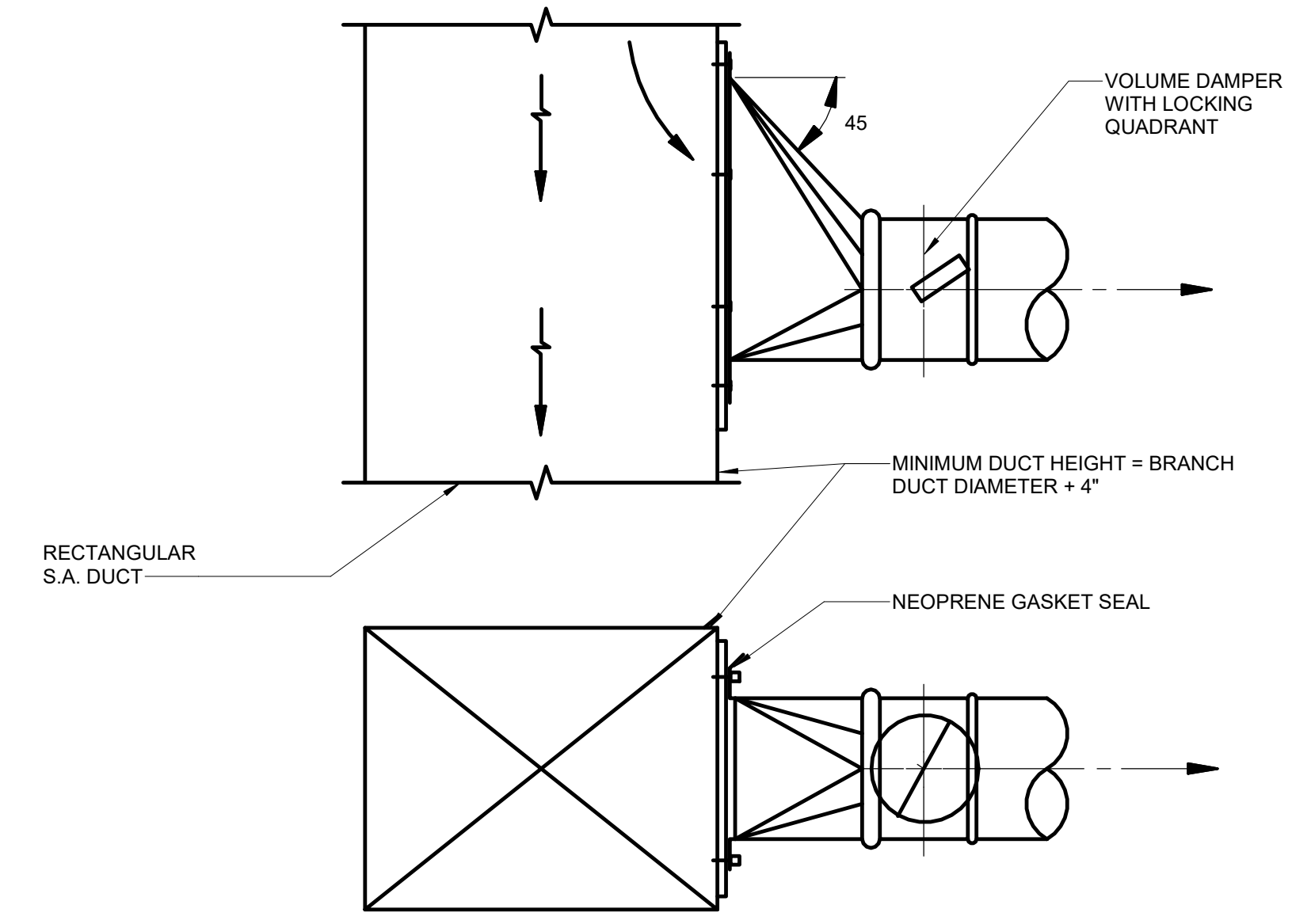
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M601



CONCEALED DAMPER OPERATOR DETAIL

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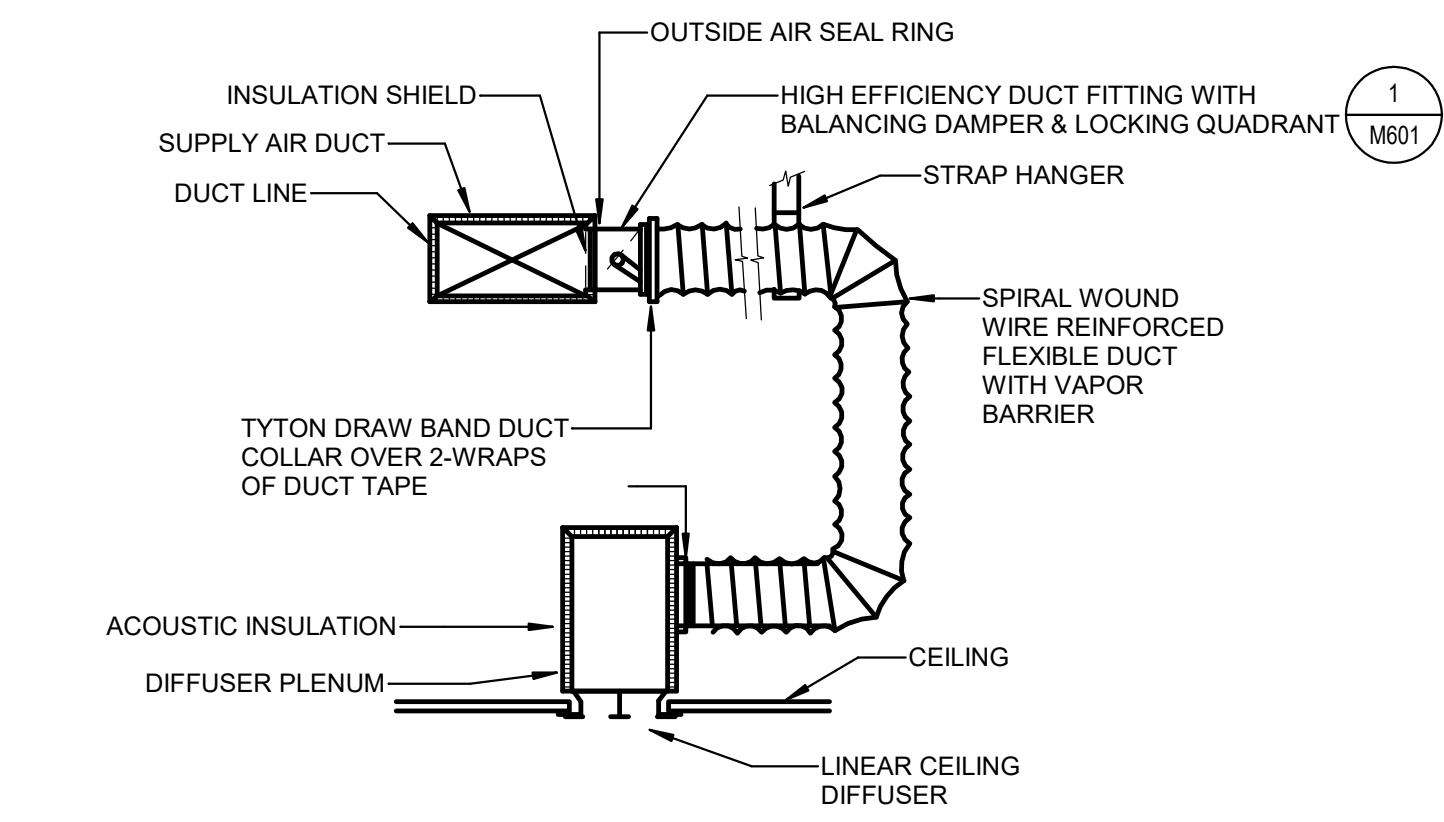
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45 DEG. HIGH EFFICIENCY TAKE-OFF

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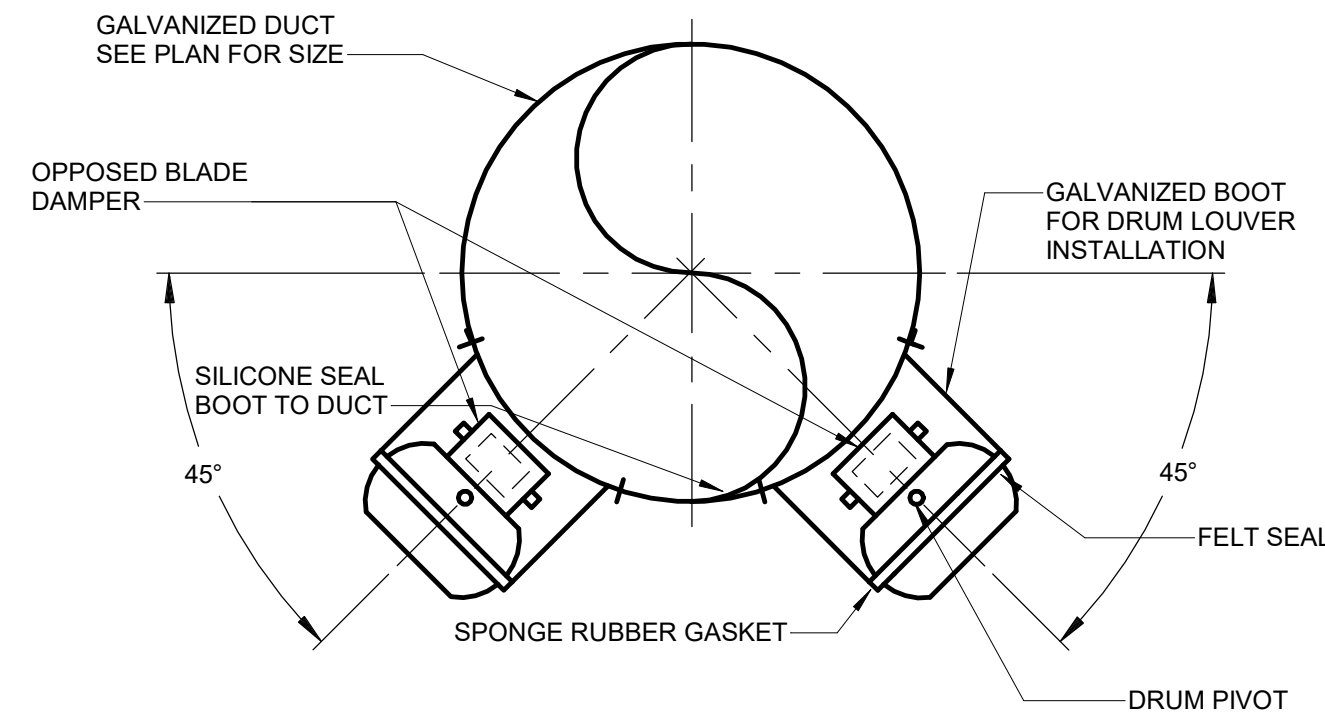
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LINEAR CEILING DIFFUSER INSTALLATION DETAIL

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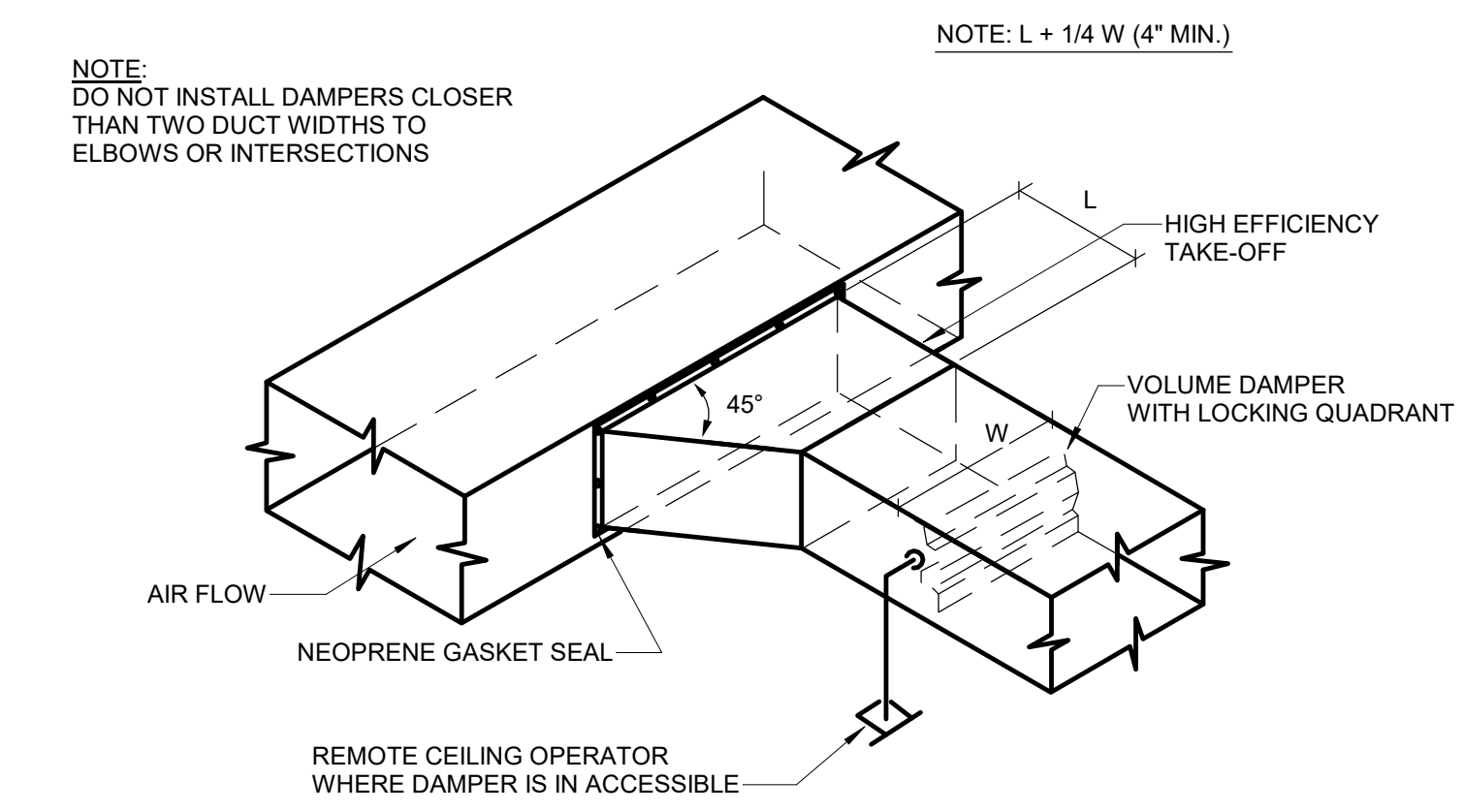
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DRUM DIFFUSER INSTALLATION DETAIL

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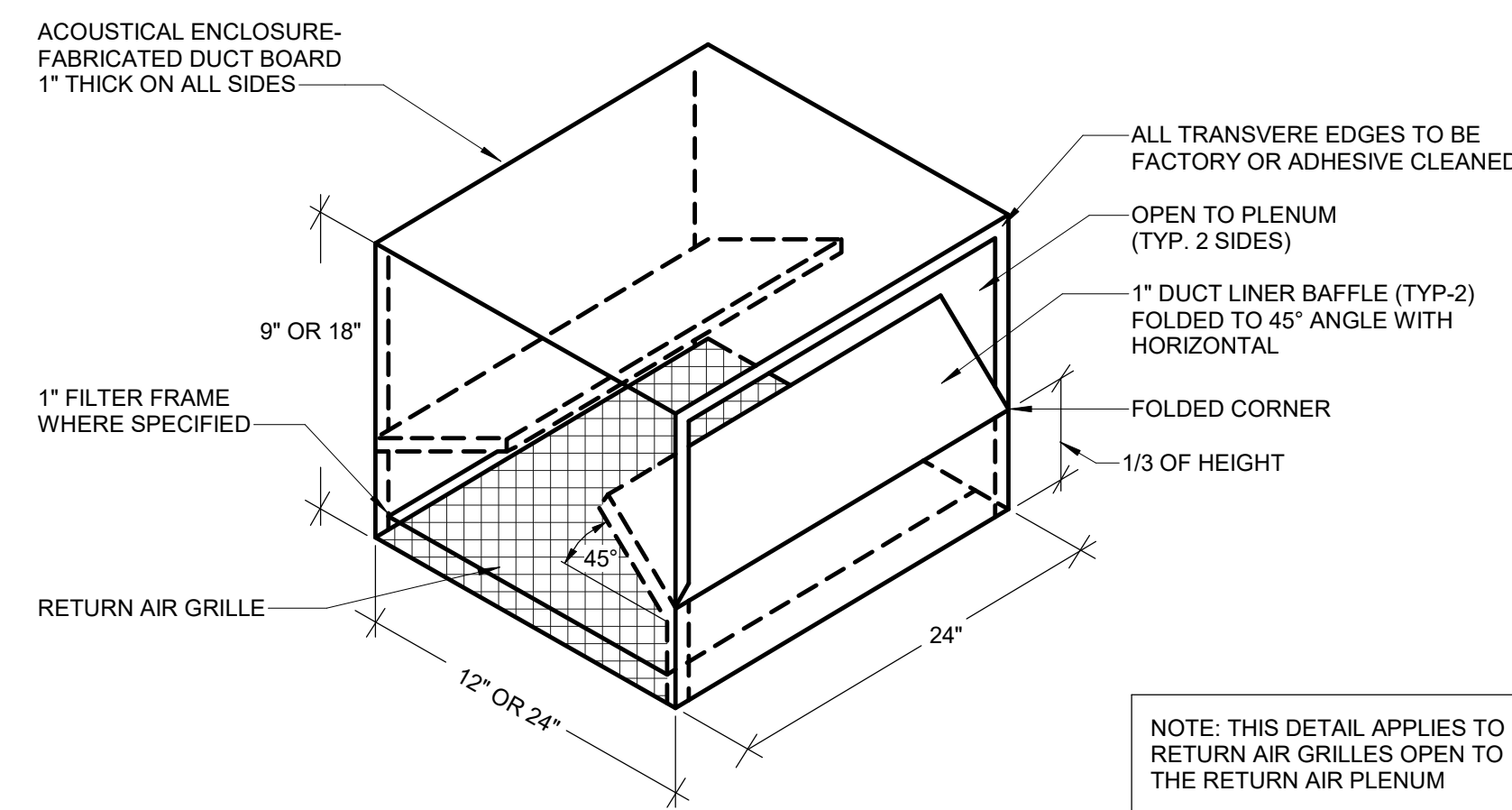
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M601



BRANCH DUCT TAKE-OFF DETAIL

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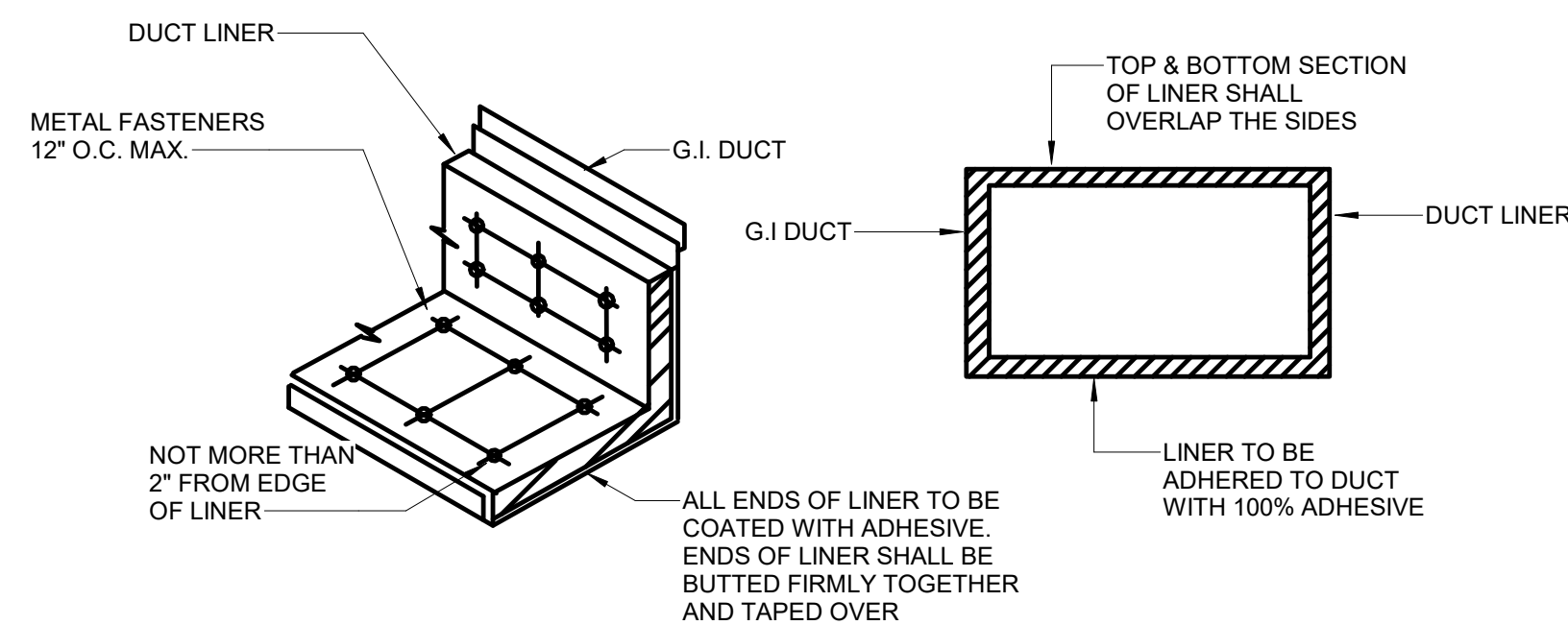
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RETURN AIR BOOT DETAIL

SCALE: NTS

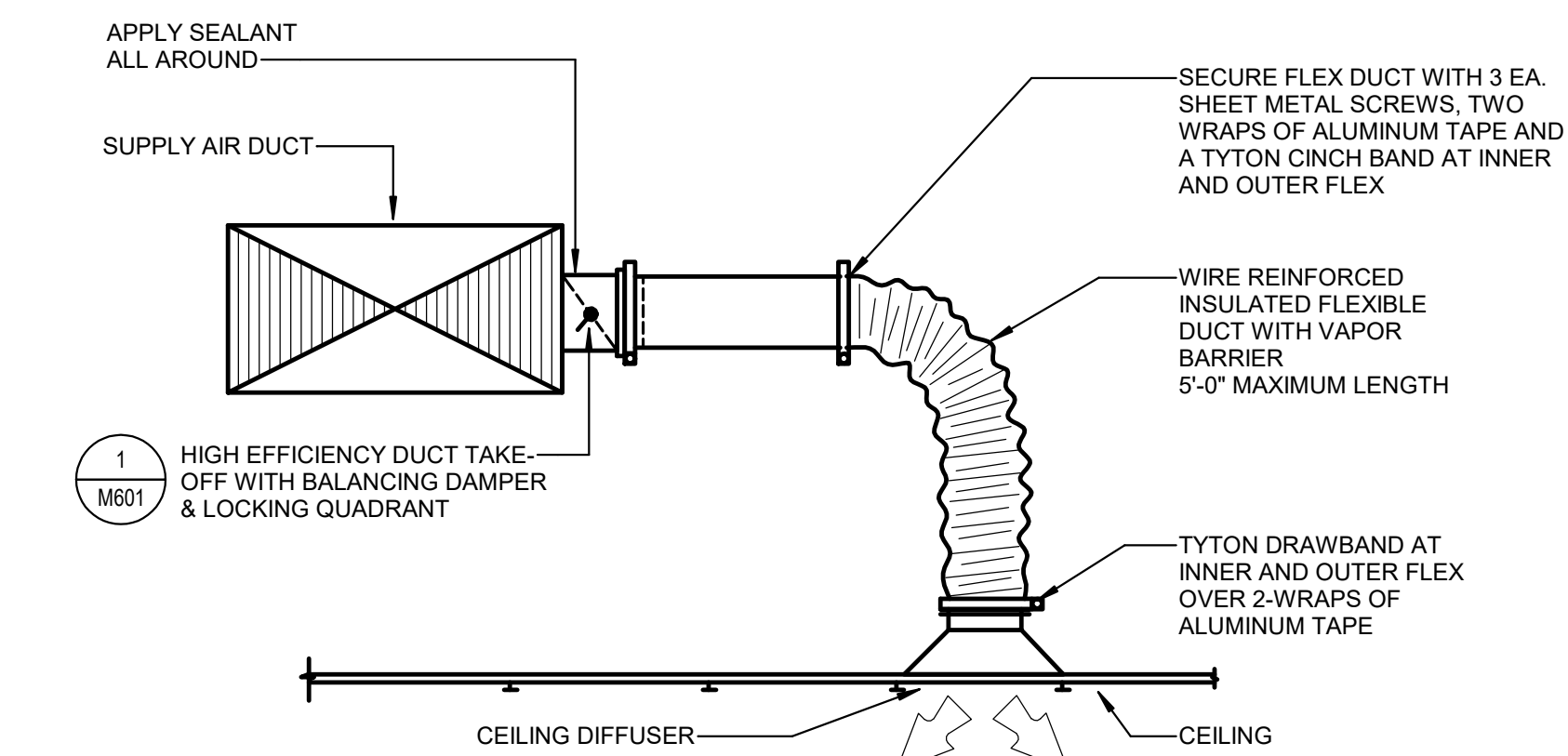
13
M601



DUCT LINER DETAIL

SCALE: NTS

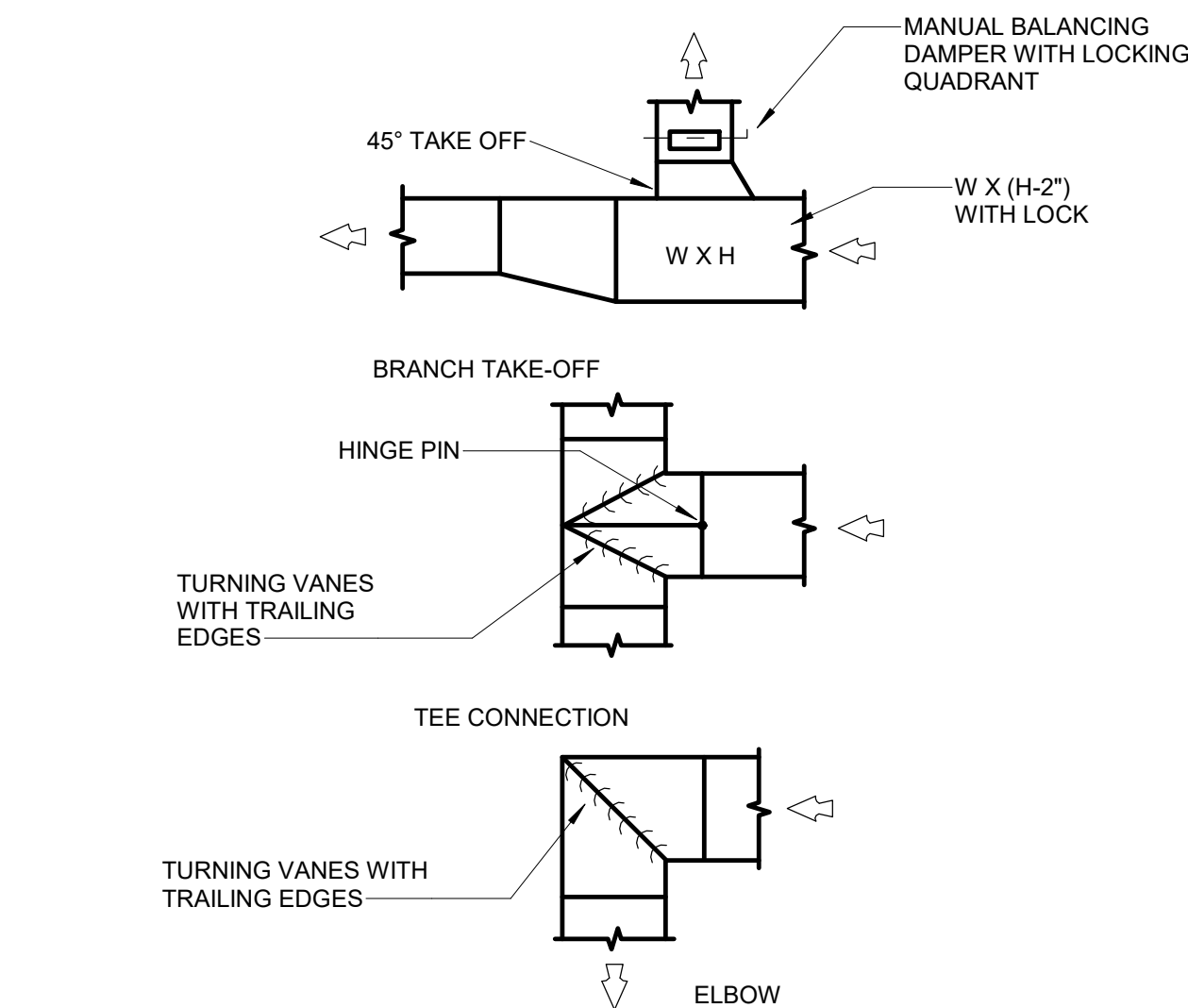
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M601



CEILING DIFFUSER DETAIL

SCALE: NTS

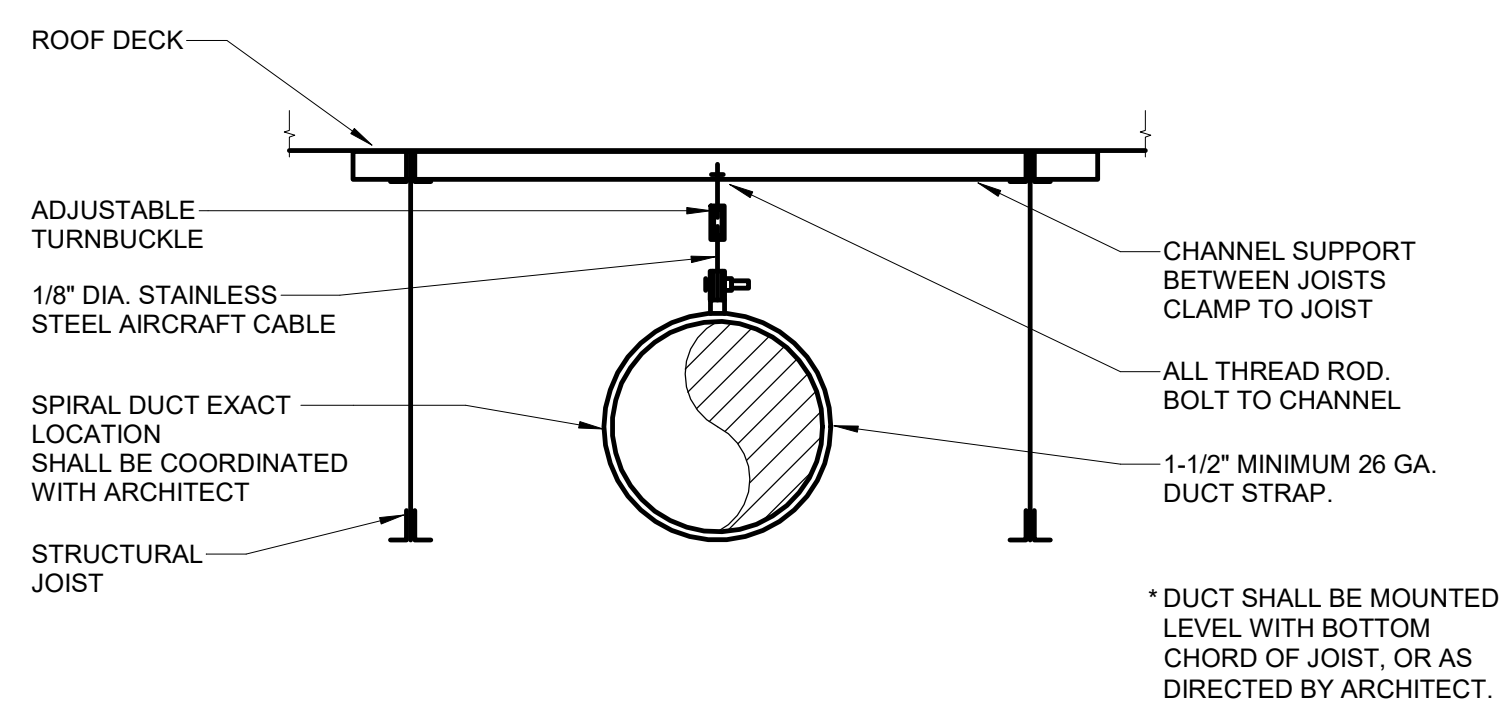
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LOW PRESSURE DUCT DETAIL

SCALE: NTS

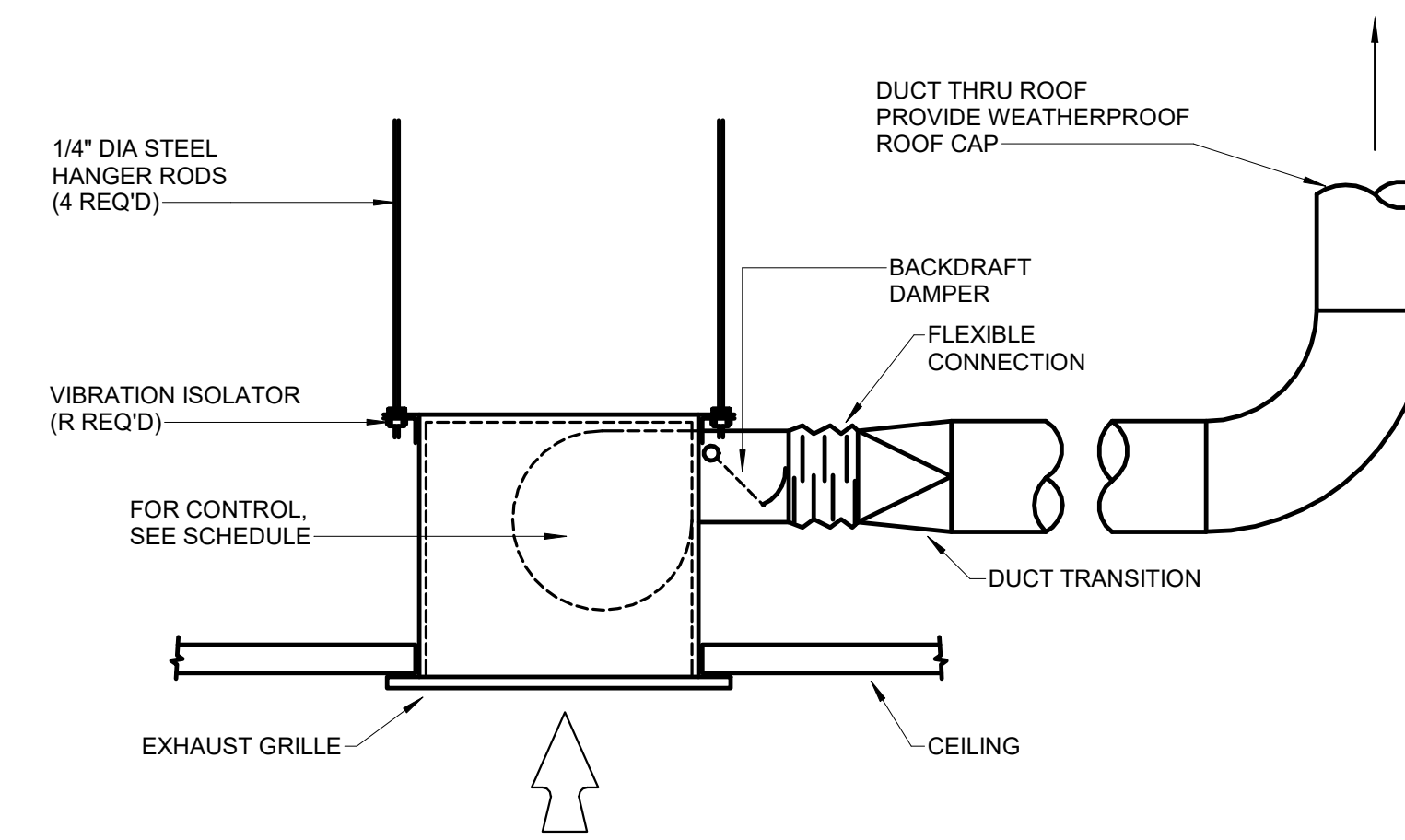
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M601



EXPOSED SPIRAL DUCT HANGER DETAIL

SCALE: NTS

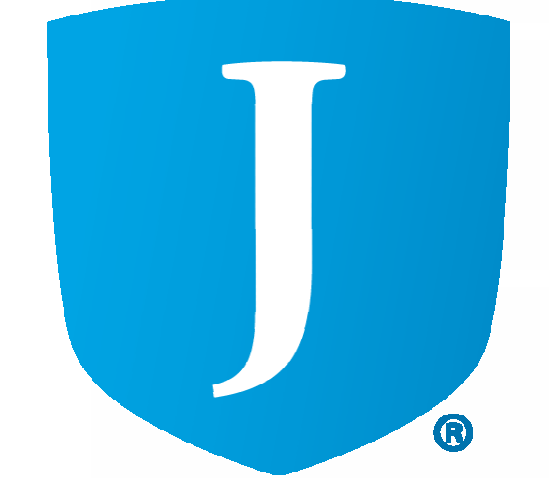
8
M601



CEILING EXHAUST FAN DETAIL

SCALE: NTS

4
M601



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MHTN PROJECT NO. 2024528

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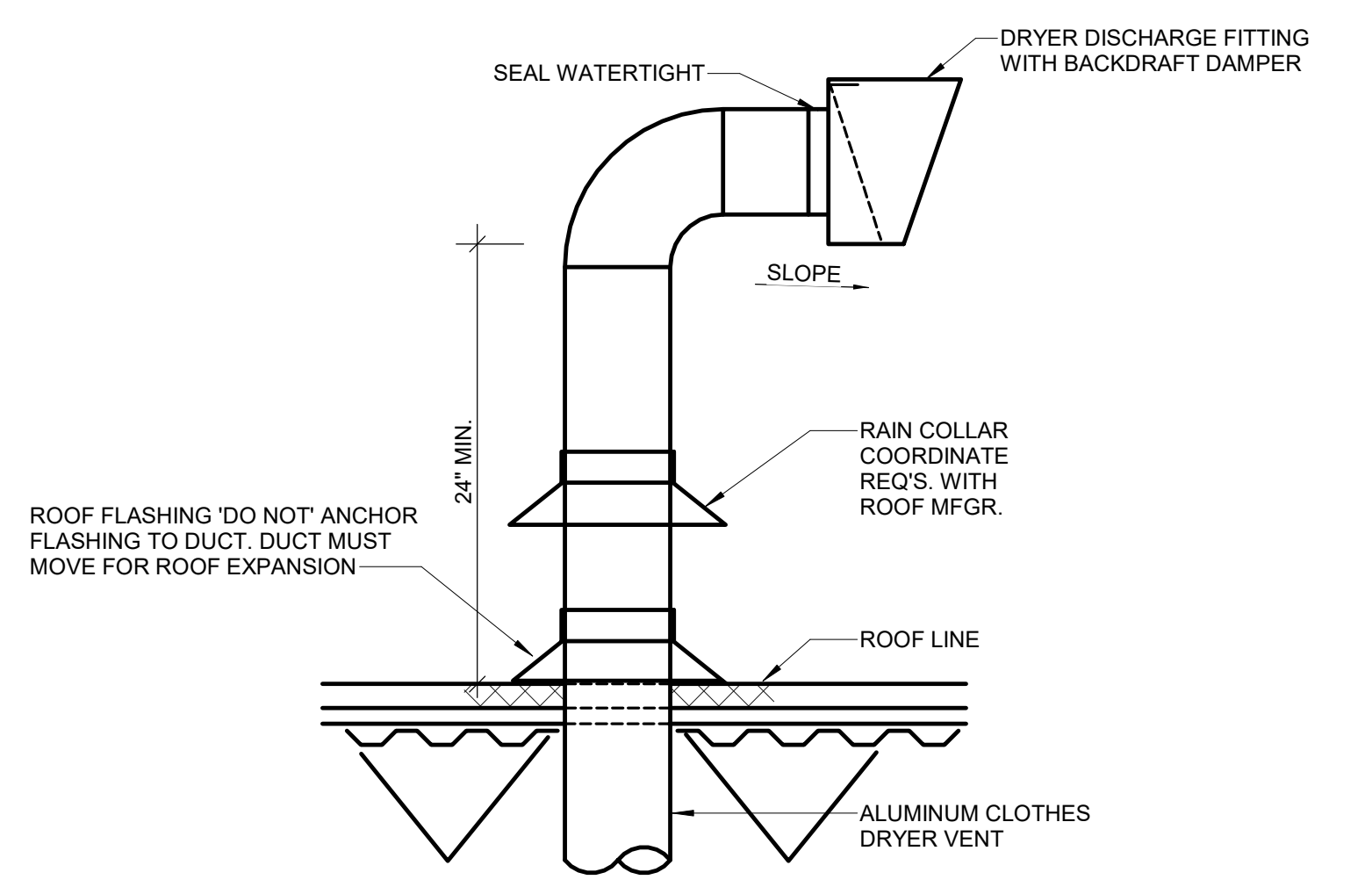
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CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

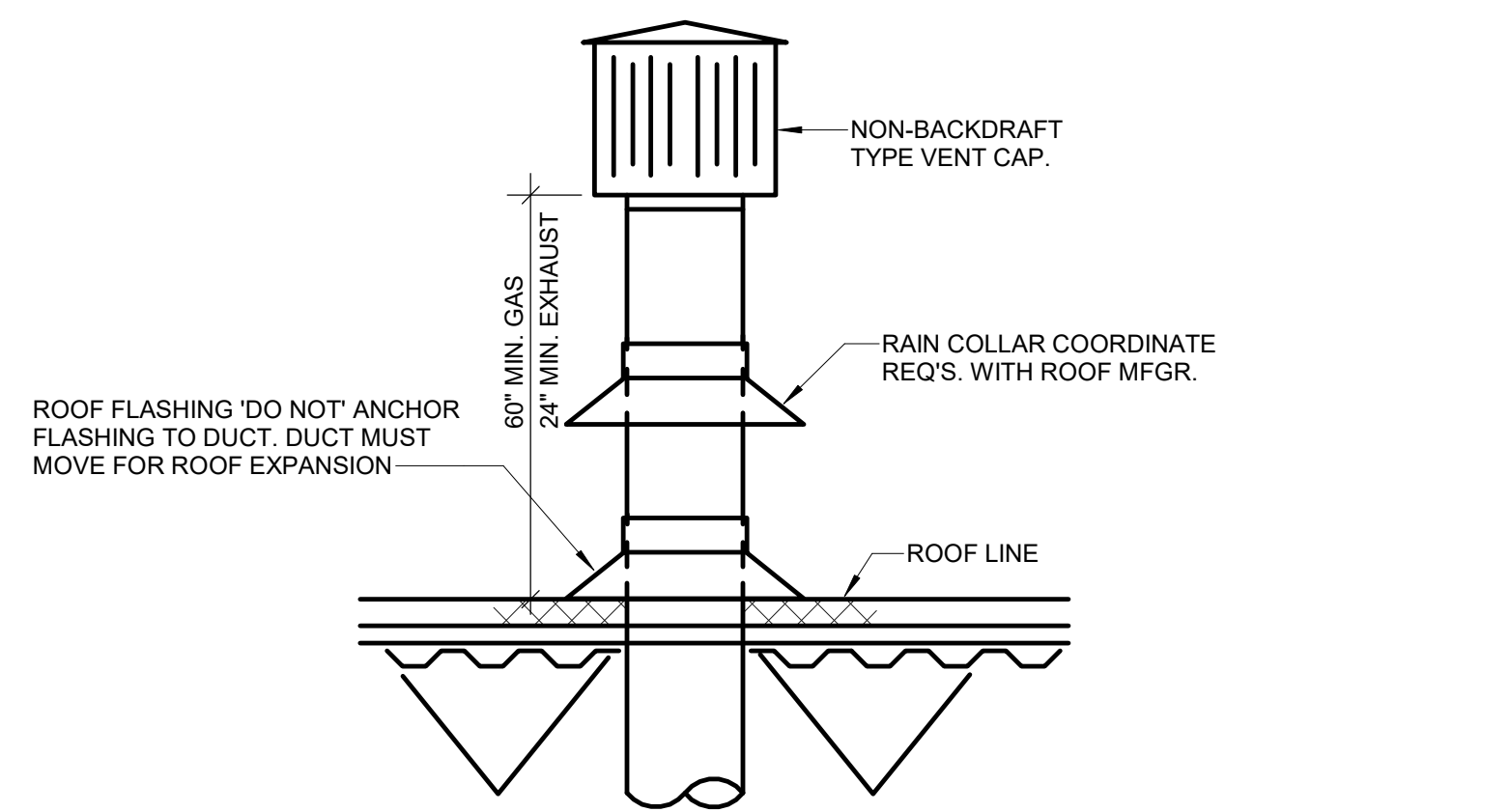
SHEET NAME
MECHANICAL DETAILS

SHEET NUMBER
M601

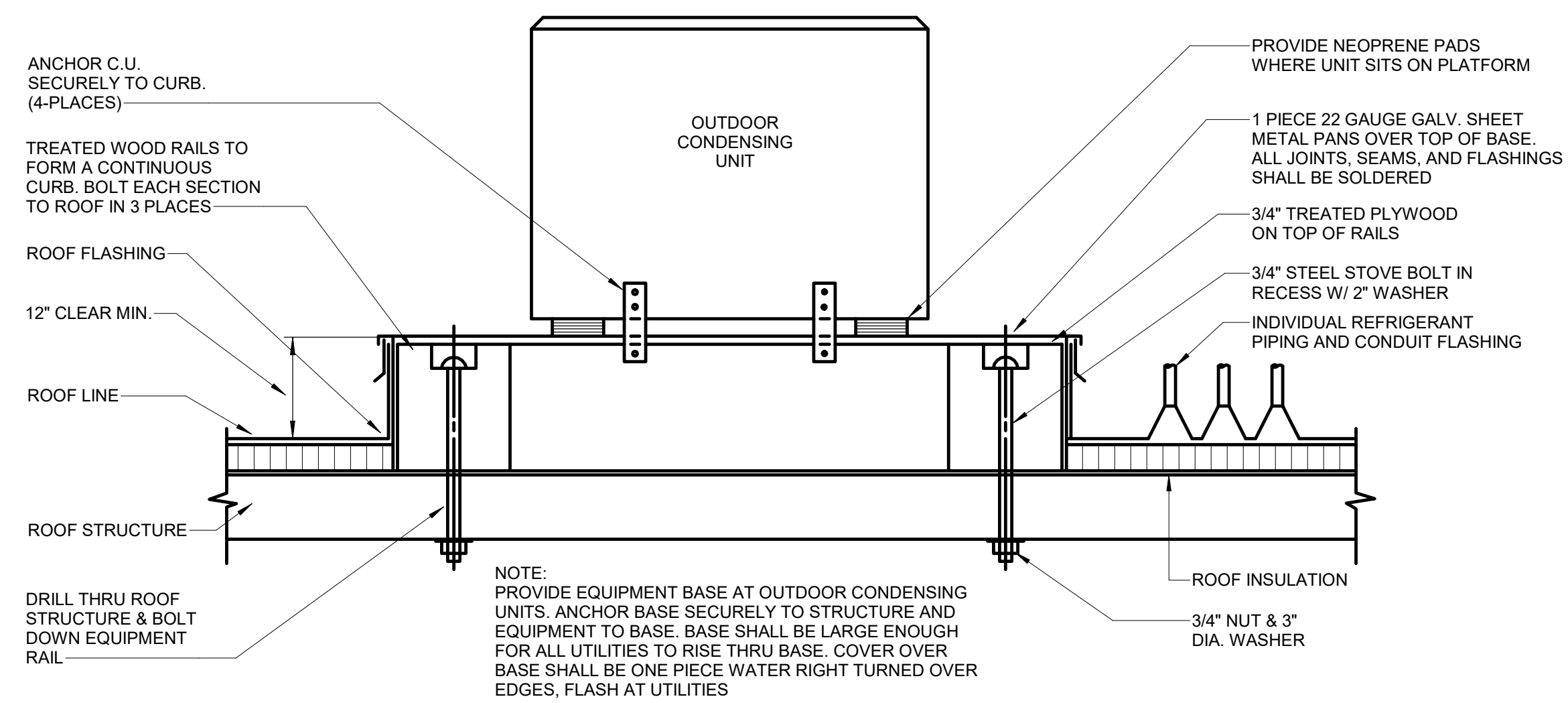
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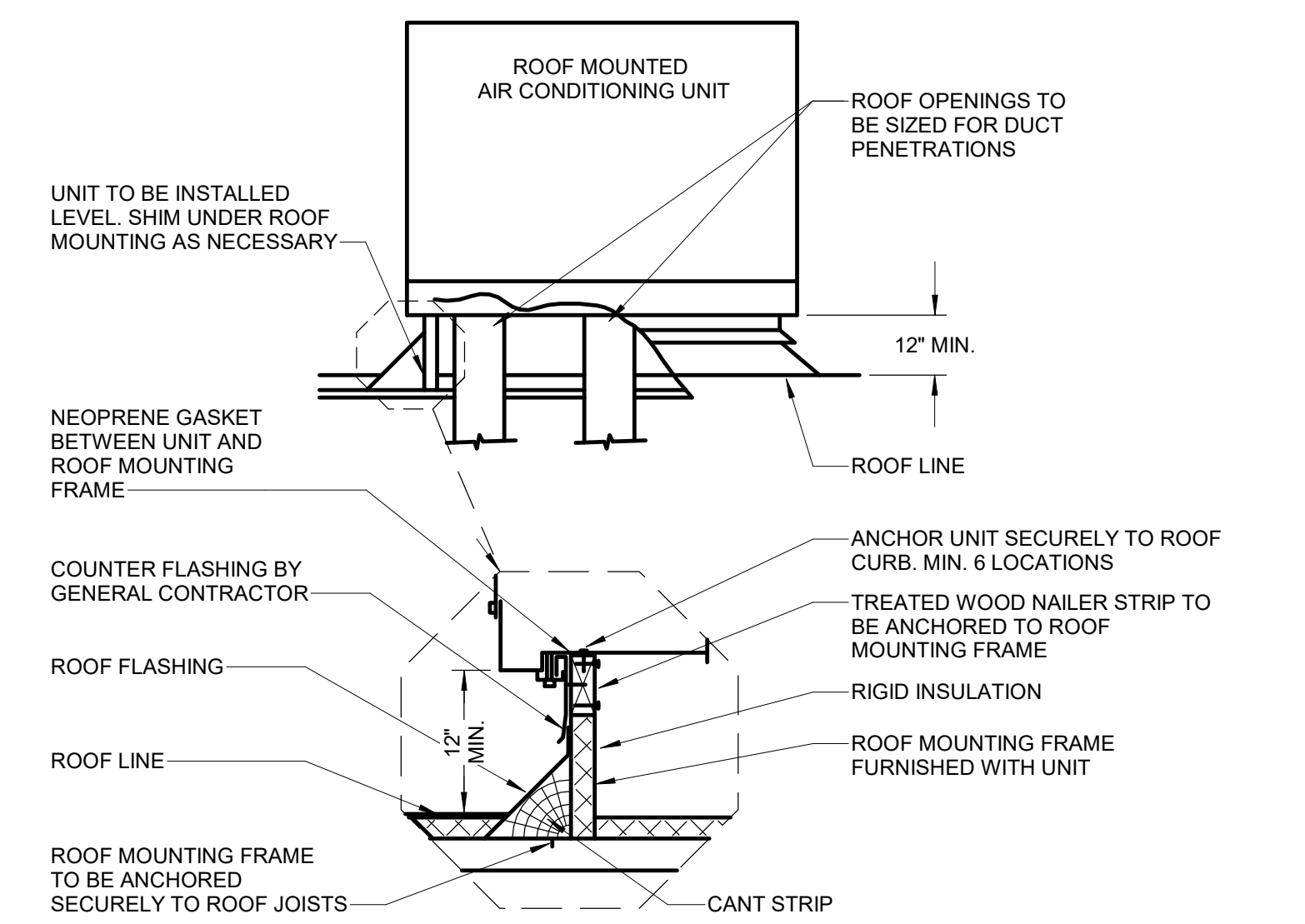
TYPICAL DRYER DUCT TERMINATION AT ROOF DETAIL (6)
SCALE: NTS M602



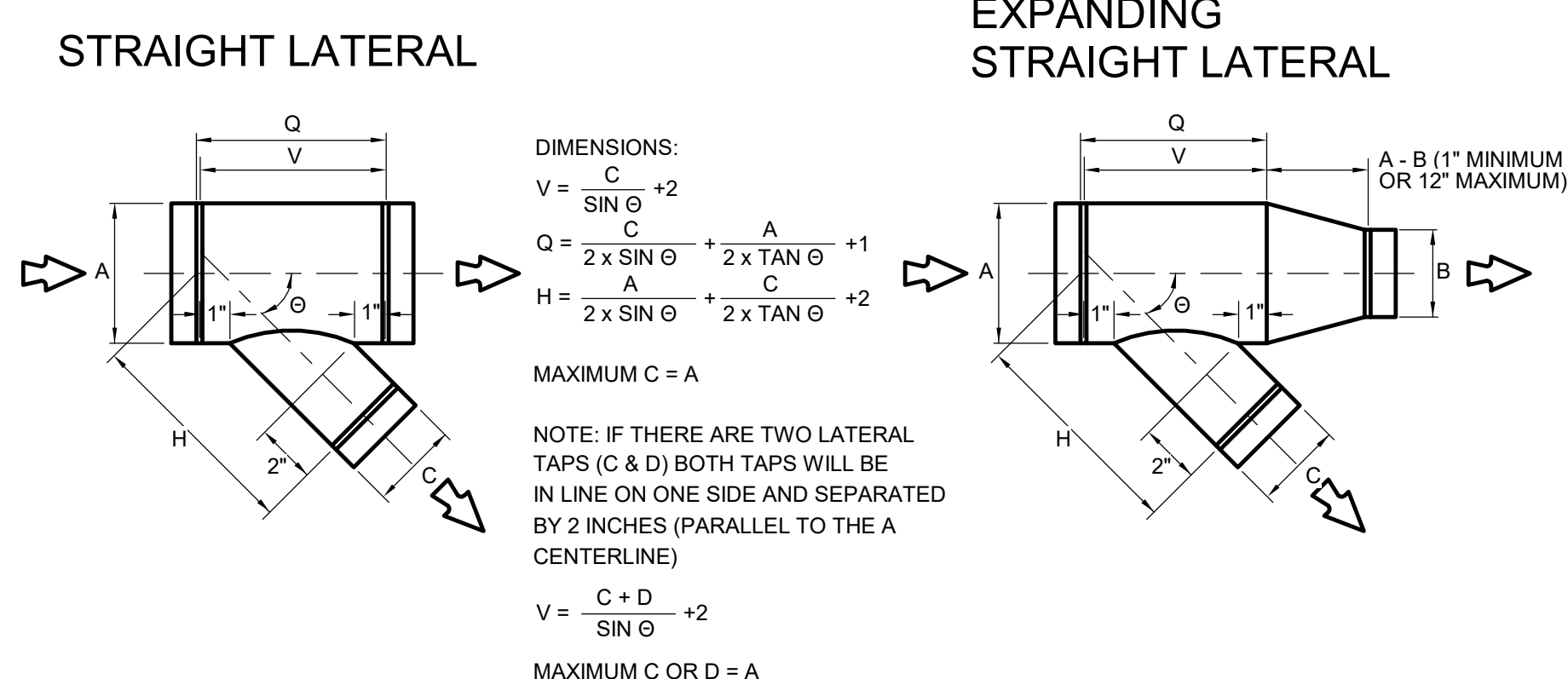
TYPICAL DUCT PENETRATION AT ROOF DETAIL (7)
SCALE: NTS M602



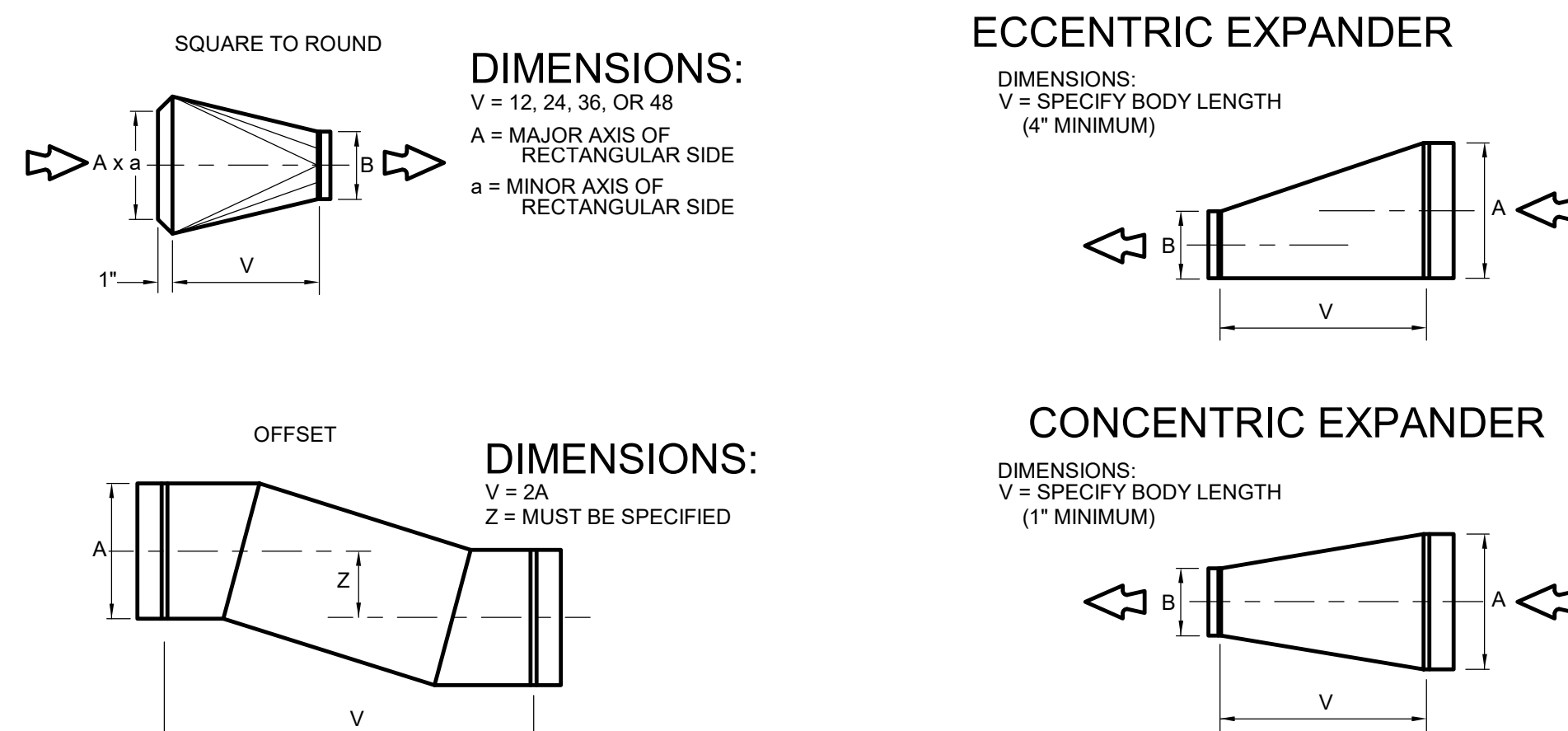
AC OUTDOOR UNIT DETAIL (8)
SCALE: NTS M602



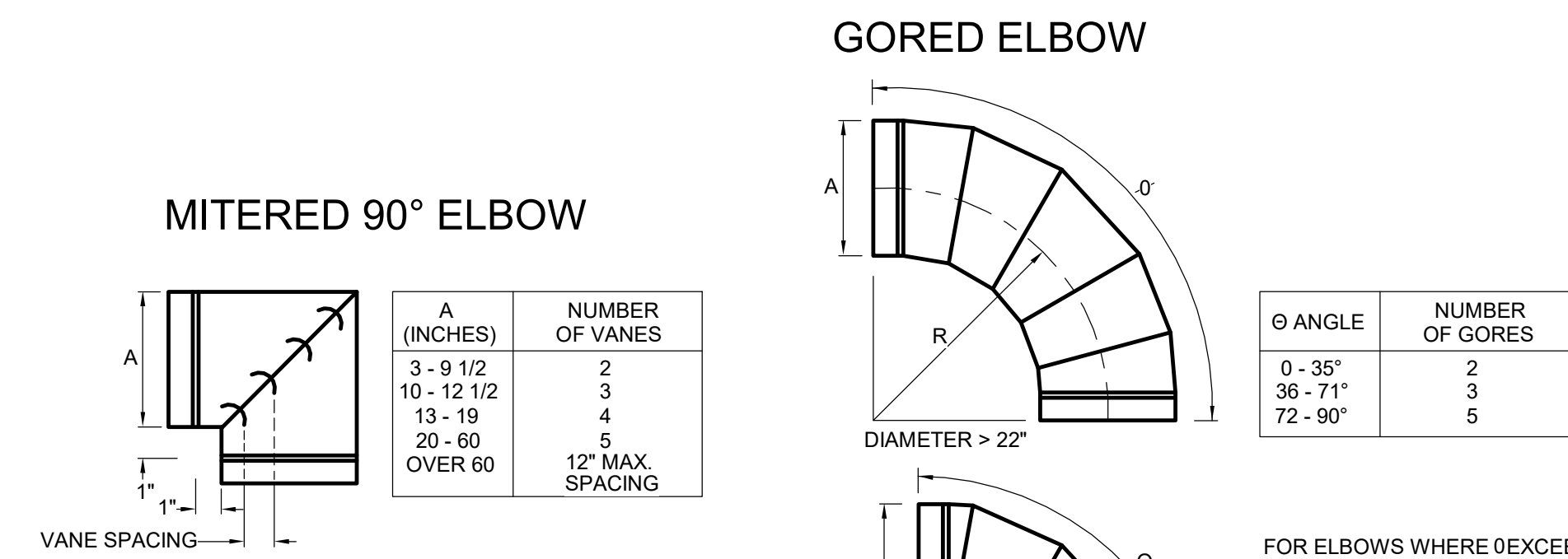
ROOF MOUNTED AIR CONDITIONING UNIT DETAIL (1)
SCALE: NTS M602



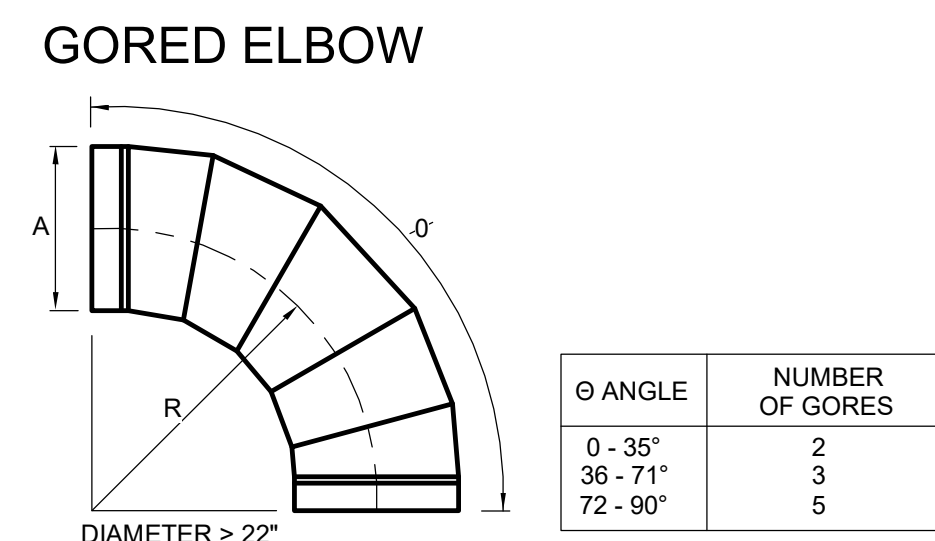
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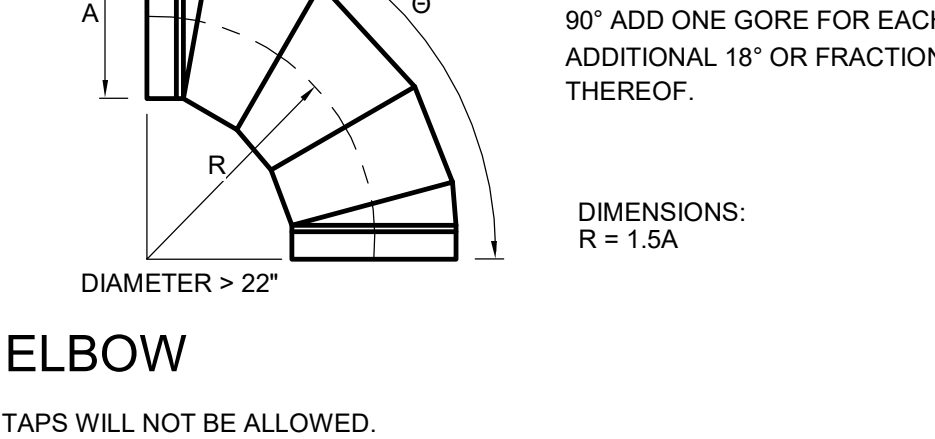
OFFSETS, REDUCERS AND EXPANDERS



MITERED 90° ELBOW

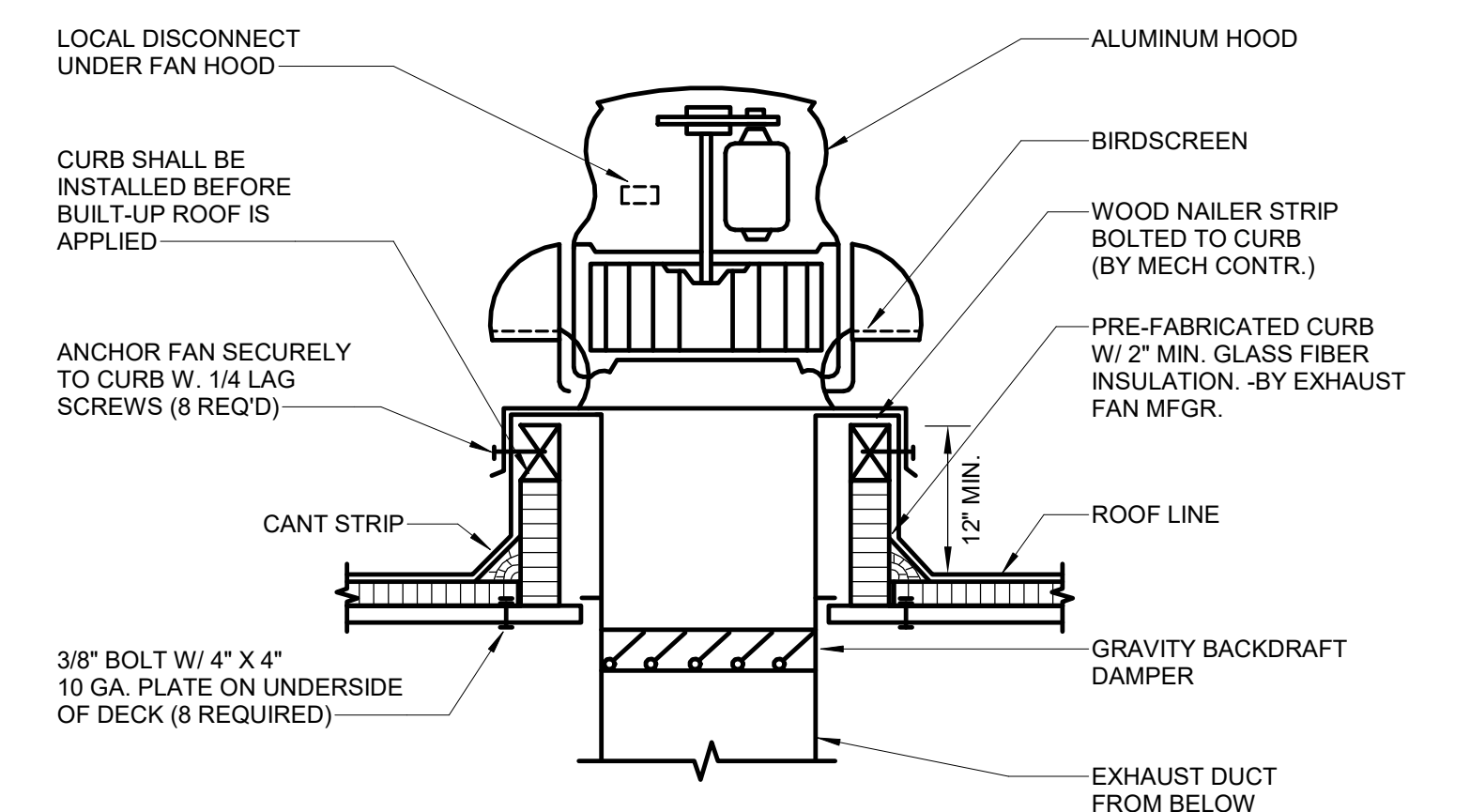


GORED ELBOW

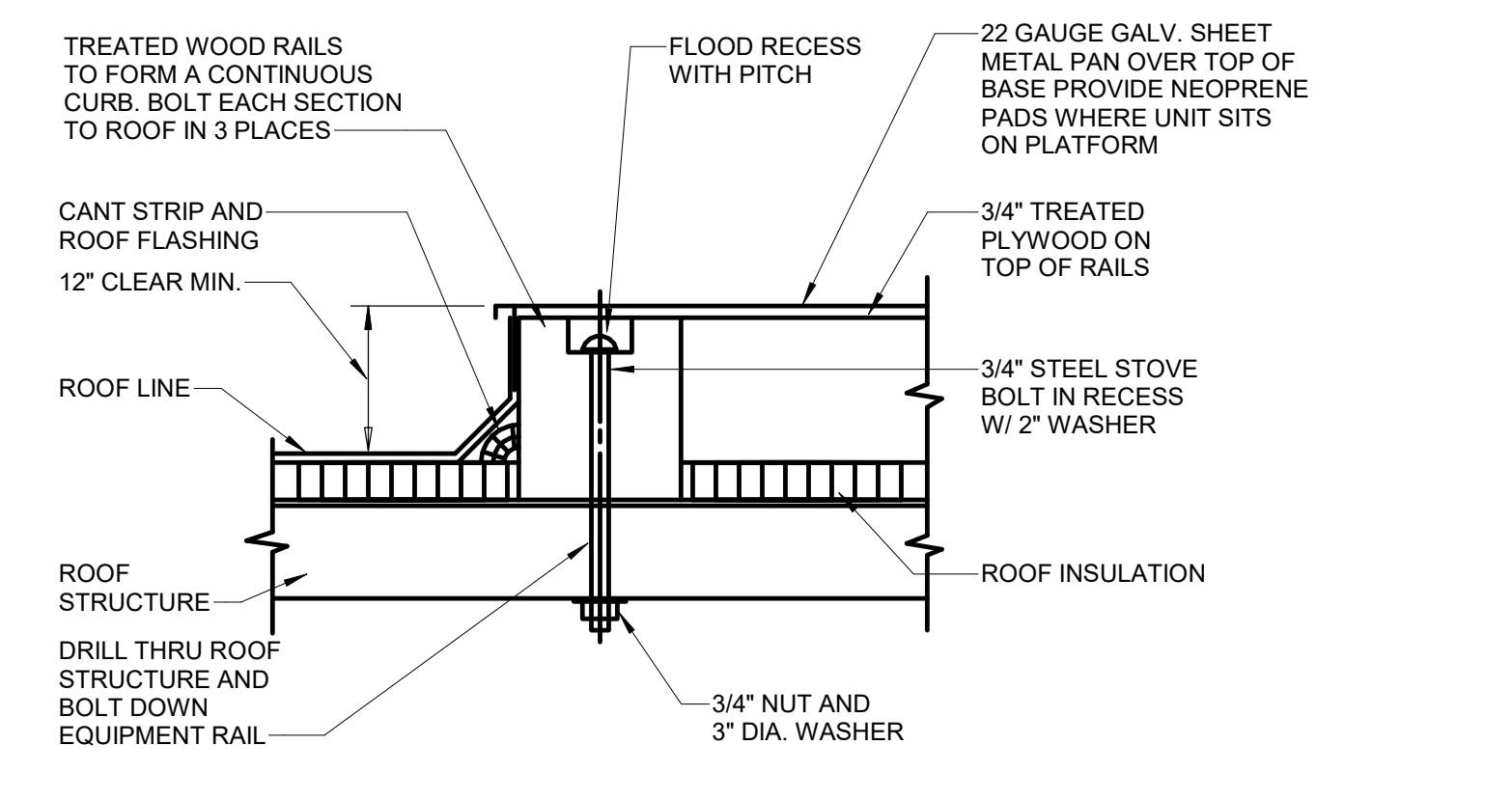


ELBOW

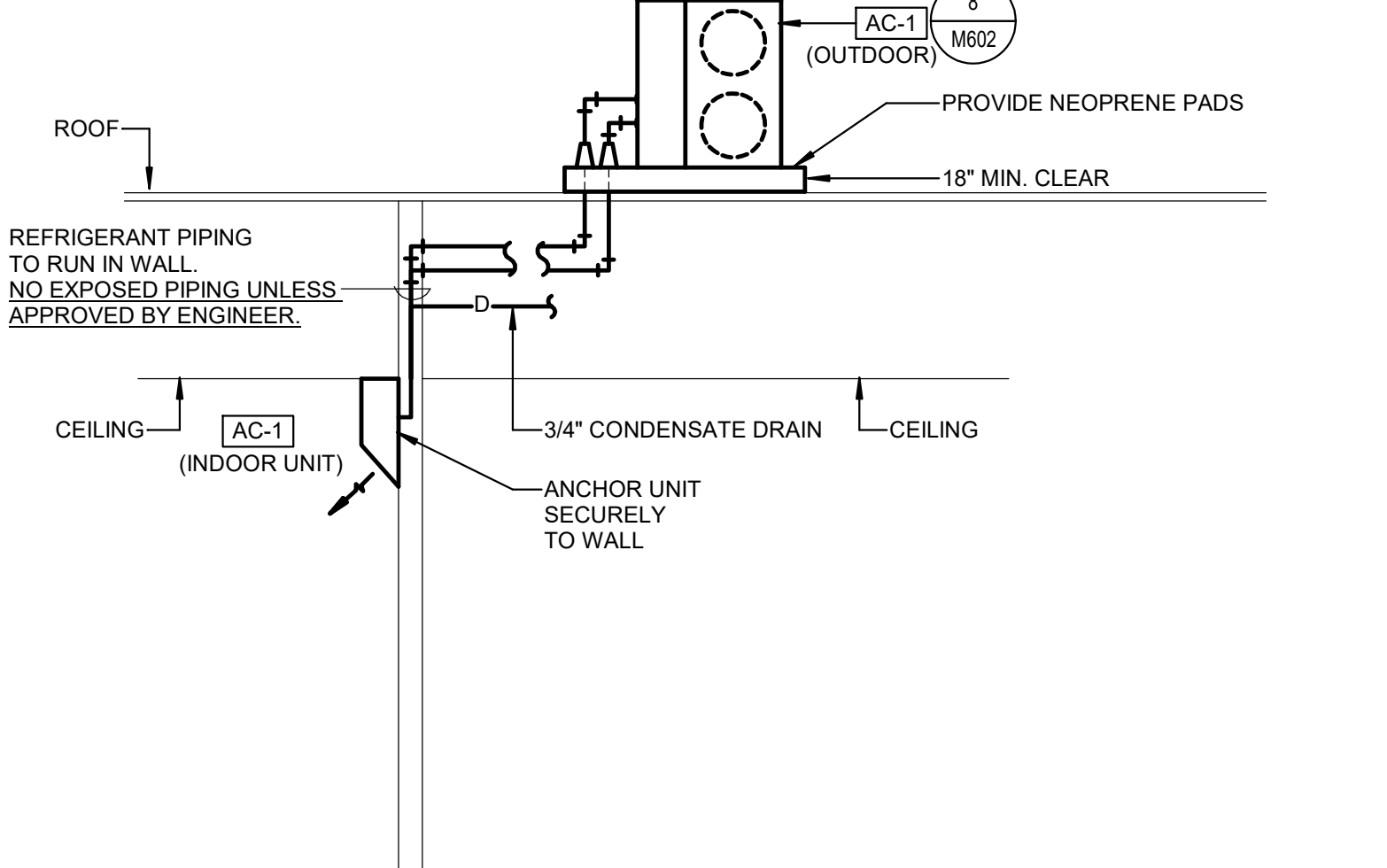
SPIRAL DUCT FITTING DETAILS (5)
SCALE: NTS M602



ROOF MOUNTED EXHAUST FAN DETAIL (2)
SCALE: NTS M602



ROOFTOP EQUIPMENT BASE DETAIL (3)
SCALE: NTS M602



ROOM AC UNIT DETAIL (4)
SCALE: NTS M602



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SEAL



MHTN PROJECT NO. 2024528

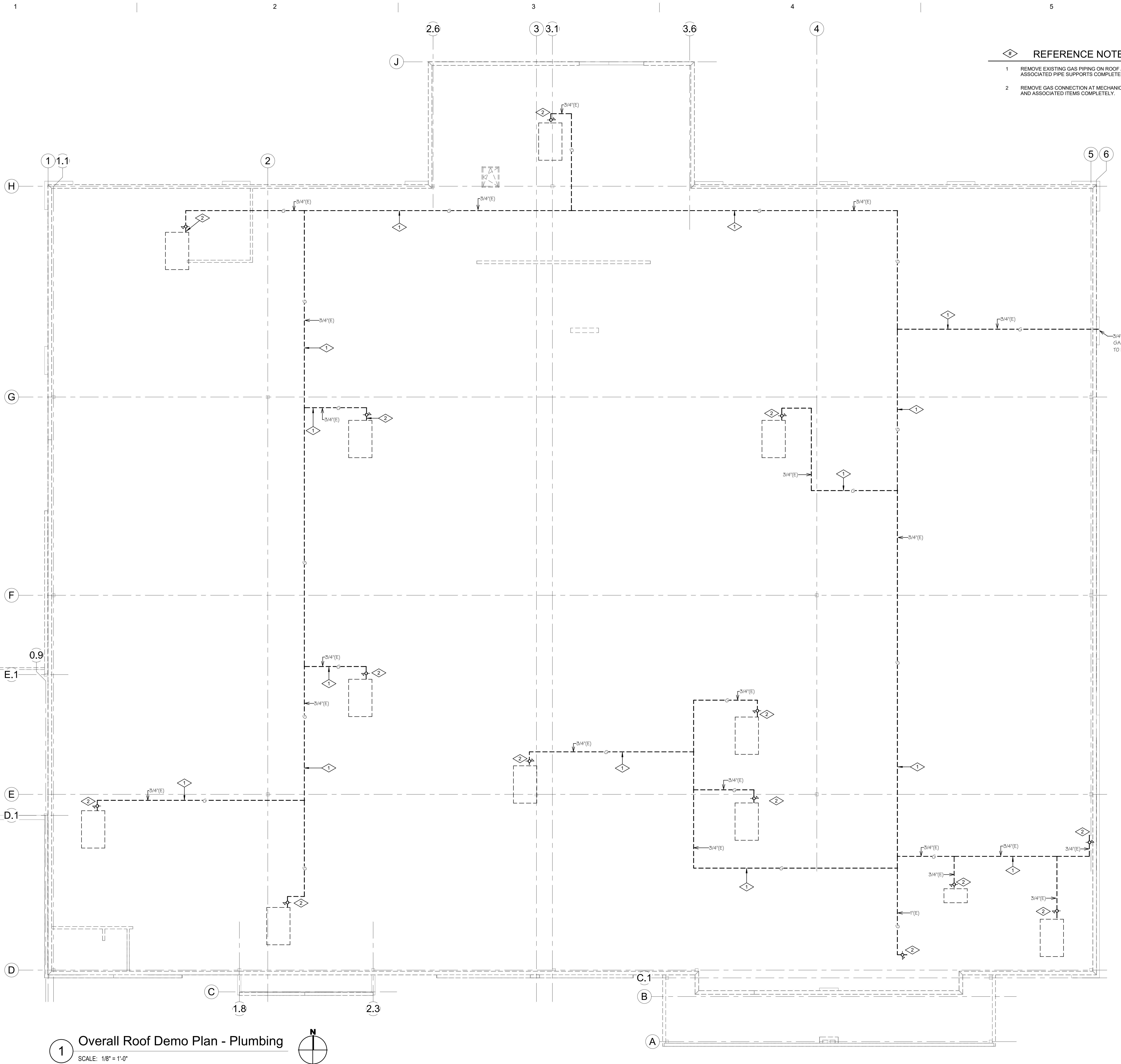
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CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME
MECHANICAL DETAILS

SHEET NUMBER
M602



- ◆ REFERENCE NOTES
- 1 REMOVE EXISTING GAS PIPING ON ROOF AND ASSOCIATED PIPE SUPPORTS COMPLETELY.
 - 2 REMOVE GAS CONNECTION AT MECHANICAL EQUIPMENT AND ASSOCIATED ITEMS COMPLETELY.

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NO.	DATE	DESCRIPTION

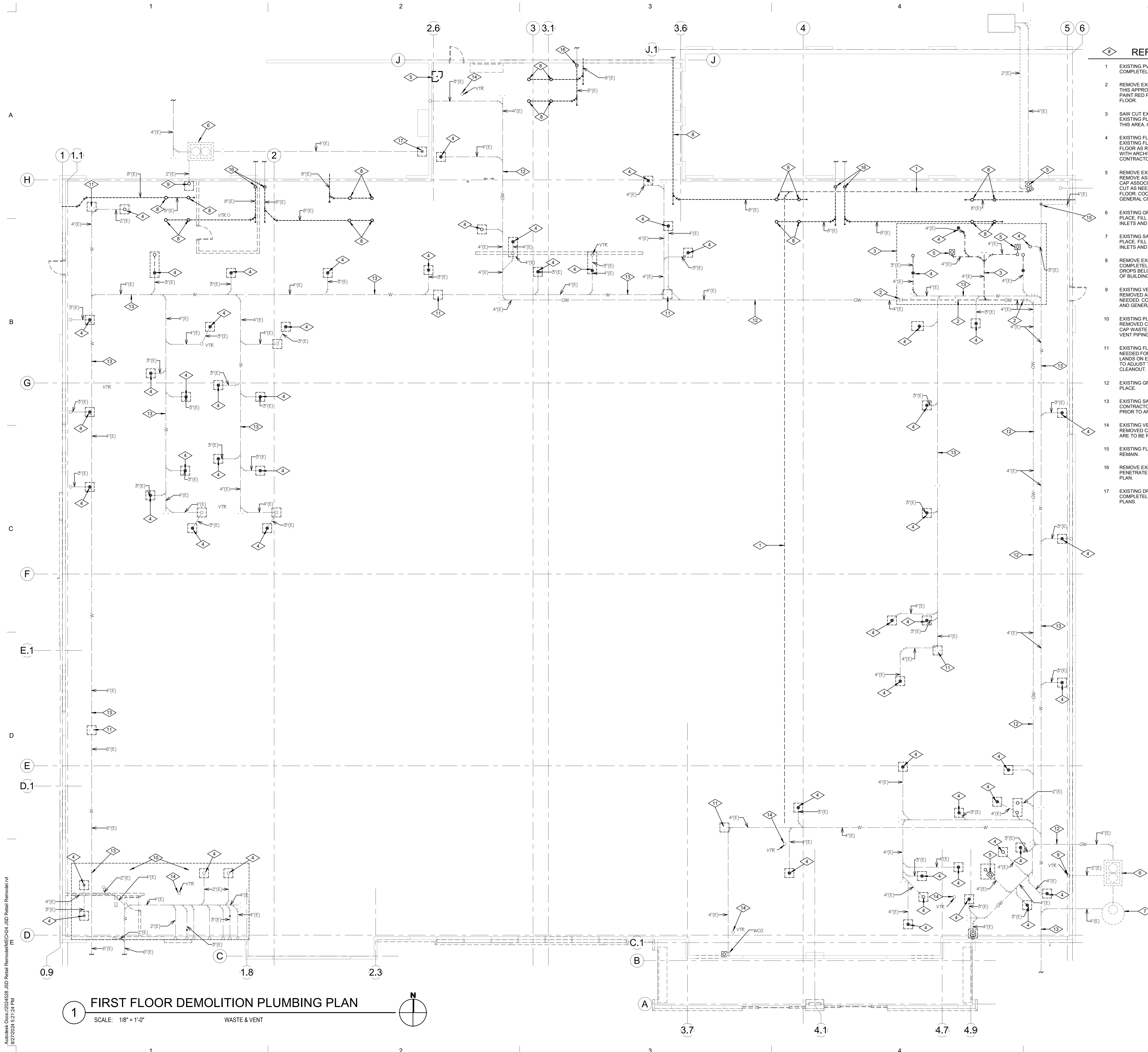
ISSUE
 CONSTRUCTION DOCUMENTS
 AUGUST 29, 2024

SHEET NAME
OVERALL ROOF DEMOLITION PLUMBING PLAN

SHEET NUMBER
PD100

1 Overall Roof Demo Plan - Plumbing
 SCALE: 1/8" = 1'-0"

Autodesk® AutoCAD 2024.528 JSD Retail RemodelledMECH.dwg JSD Retail Remodelled.dwg 8/27/2024 5:21:19 PM



REFERENCE NOTES

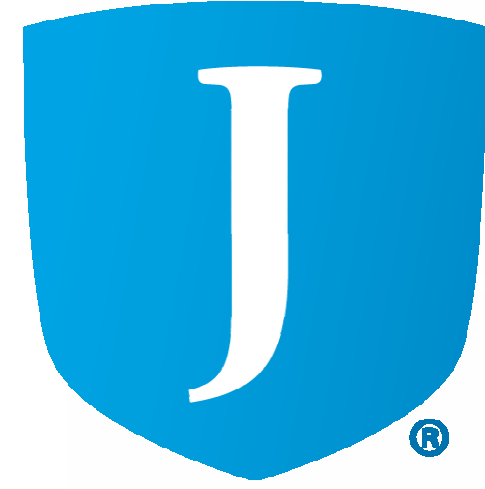
- 1 EXISTING PVC DRAIN LINE TO BE REMOVED COMPLETELY.
- 2 REMOVE EXISTING GREASE WASTE LINE LOCATED IN THIS APPROXIMATE LOCATION. CAP PIPING AND SPRAY PAINT RED PRIOR TO BACK-FILLING AND REPAIRING FLOOR.
- 3 SAW CUT EXISTING FLOOR AS NEEDED FOR DEMO OF EXISTING PLUMBING FIXTURES AND FOR NEW WORK IN THIS AREA. COORDINATE WITH NEW WORK PLAN.
- 4 EXISTING FLOOR DRAIN TO BE REMOVED. SAW CUT EXISTING FLOOR AS NEEDED TO CAP PIPING. REPAIR FLOOR AS REQUIRED FOR NEW FLOOR. COORDINATE WITH ARCHITECTURAL PLANS AND GENERAL CONTRACTOR.
- 5 REMOVE EXISTING PLUMBING FIXTURES COMPLETELY. REMOVE ASSOCIATED VENT PIPING COMPLETELY AND CAP ASSOCIATED WASTE PIPING BELOW FLOOR. SAW CUT AS NEEDED AND REPAIR AS REQUIRED FOR NEW FLOOR. COORDINATE WITH ARCHITECTURAL PLANS AND GENERAL CONTRACTOR.
- 6 EXISTING GREASE INTERCEPTOR TO BE ABANDONED IN PLACE. FILL WITH ROAD BASE OR GRAVEL AND CAP ALL INLETS AND OUTLETS PRIOR TO FILLING.
- 7 EXISTING SAMPLING MANHOLE TO BE ABANDONED IN PLACE. FILL WITH ROAD BASE OR GRAVEL AND CAP ALL INLETS AND OUTLETS PRIOR TO FILLING.
- 8 REMOVE EXISTING PVC ROOF DRAIN PIPING COMPLETELY FROM ROOF DRAINS TO WHERE PIPING DROPS BELOW FINISH FLOOR OR TERMINATES OUTSIDE OF BUILDING.
- 9 EXISTING VENT LINE FROM GREASE INTERCEPTOR TO BE REMOVED AND CAPPED UNDER FLOOR. SAW CUT AS NEEDED. COORDINATE WITH ARCHITECTURAL PLANS AND GENERAL CONTRACTOR.
- 10 EXISTING PLUMBING FIXTURES IN THIS AREA ARE TO BE REMOVED COMPLETELY. SAW CUT EXISTING FLOOR AND CAP WASTE LINES BELOW FLOOR. ALL ASSOCIATED VENT PIPING TO BE REMOVED COMPLETELY.
- 11 EXISTING FLOOR CLEANOUT TO BE ADJUSTED AS NEEDED FOR NEW FLOOR FINISHES, WHERE NEW WALL LANDS ON EXISTING FLOOR CLEANOUT CONTRACTOR IS TO ADJUST THE PIPING AS NEEDED FOR A WALL CLEANOUT.
- 12 EXISTING GREASE WASTE LINE TO BE ABANDONED IN PLACE.
- 13 EXISTING SANITARY WASTE LINE TO REMAIN IN PLACE. CONTRACTOR TO CAMERA EXISTING WASTE LINES PRIOR TO ANY SAW CUTTING OR NEW WORK IS DONE.
- 14 EXISTING VENT LINE THROUGH THE ROOF TO BE REMOVED COMPLETELY. ANY ASSOCIATED VENT LINES ARE TO BE REMOVED.
- 15 EXISTING FLOOR DRAIN AND ASSOCIATED PIPING TO REMAIN.
- 16 REMOVE EXISTING PVC ROOF DRAINS TO WHERE PIPING PENETRATES FLOOR. COORDINATE WITH NEW WORK PLAN.
- 17 EXISTING DRAIN OUTSIDE BUILDING TO BE REMOVED COMPLETELY. COORDINATE WITH ARCHITECTURAL PLANS.



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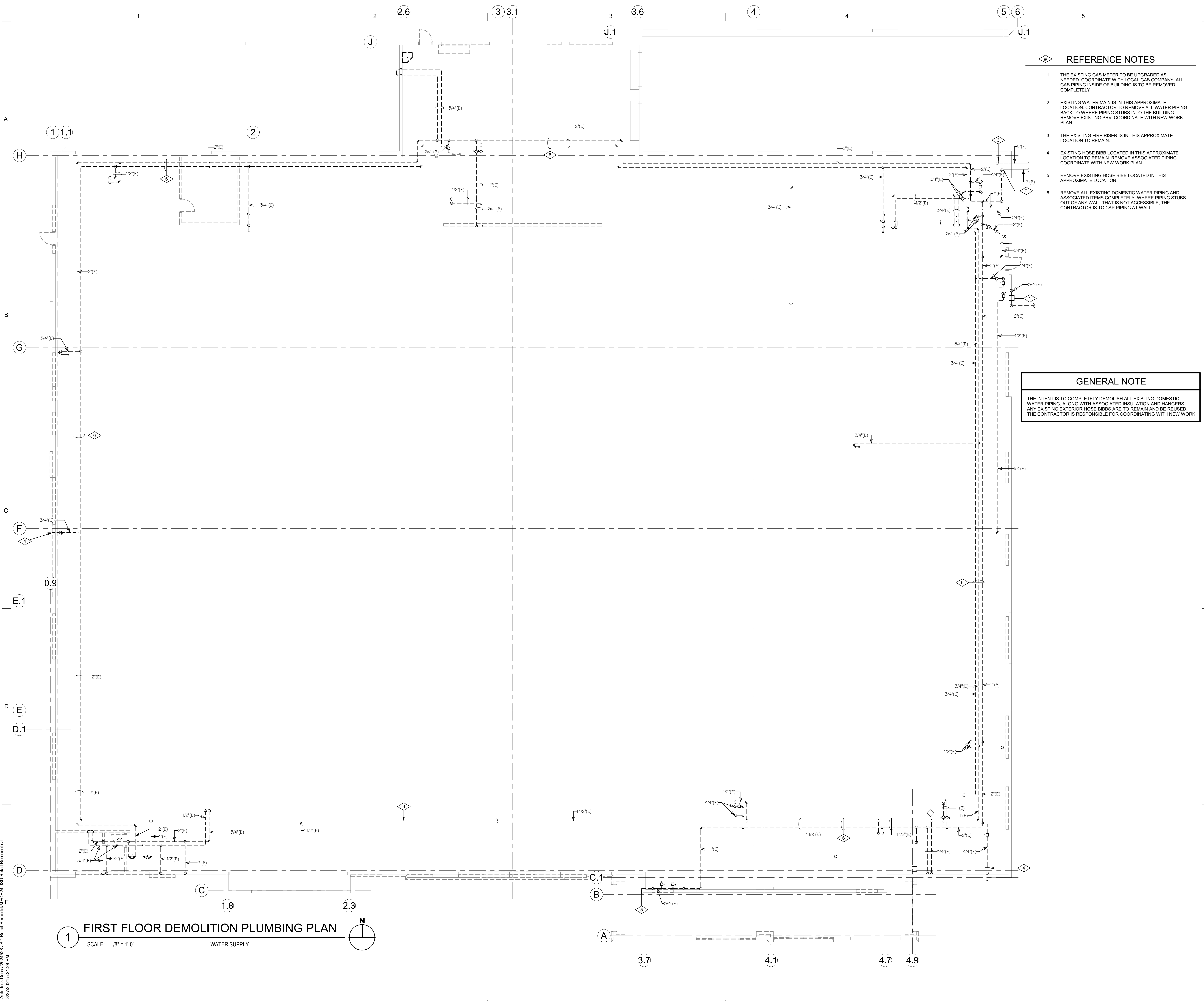
ISSUE
 CONSTRUCTION DOCUMENTS
 AUGUST 29, 2024

SHEET NAME
**OVERALL
 DEMOLITION
 PLUMBING PLAN**

SHEET NUMBER
PD101

1 FIRST FLOOR DEMOLITION PLUMBING PLAN
 SCALE: 1/8" = 1'-0"
 WASTE & VENT

Autodesk Cloud (2024)528_JSD Retail Remodel(MECH)_JSD Retail Remodel.rvt
 8/27/2024 5:21:24 PM



REFERENCE NOTES

- 1 THE EXISTING GAS METER TO BE UPGRADED AS NEEDED. COORDINATE WITH LOCAL GAS COMPANY. ALL GAS PIPING INSIDE OF BUILDING IS TO BE REMOVED COMPLETELY.
- 2 EXISTING WATER MAIN IS IN THIS APPROXIMATE LOCATION. CONTRACTOR TO REMOVE ALL WATER PIPING BACK TO WHERE PIPING STUBS INTO THE BUILDING. REMOVE EXISTING PRV. COORDINATE WITH NEW WORK PLAN.
- 3 THE EXISTING FIRE RISER IS IN THIS APPROXIMATE LOCATION TO REMAIN.
- 4 EXISTING HOSE BIBB LOCATED IN THIS APPROXIMATE LOCATION TO REMAIN. REMOVE ASSOCIATED PIPING. COORDINATE WITH NEW WORK PLAN.
- 5 REMOVE EXISTING HOSE BIBB LOCATED IN THIS APPROXIMATE LOCATION.
- 6 REMOVE ALL EXISTING DOMESTIC WATER PIPING AND ASSOCIATED ITEMS COMPLETELY. WHERE PIPING STUBS OUT OF ANY WALL THAT IS NOT ACCESSIBLE, THE CONTRACTOR IS TO GAP PIPING AT WALL.

GENERAL NOTE

THE INTENT IS TO COMPLETELY DEMOLISH ALL EXISTING DOMESTIC WATER PIPING, ALONG WITH ASSOCIATED INSULATION AND HANGERS. ANY EXISTING EXTERIOR HOSE BIBBS ARE TO REMAIN AND BE REUSED. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH NEW WORK.



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MHTN PROJECT NO. 2024528

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NO.	DATE	DESCRIPTION

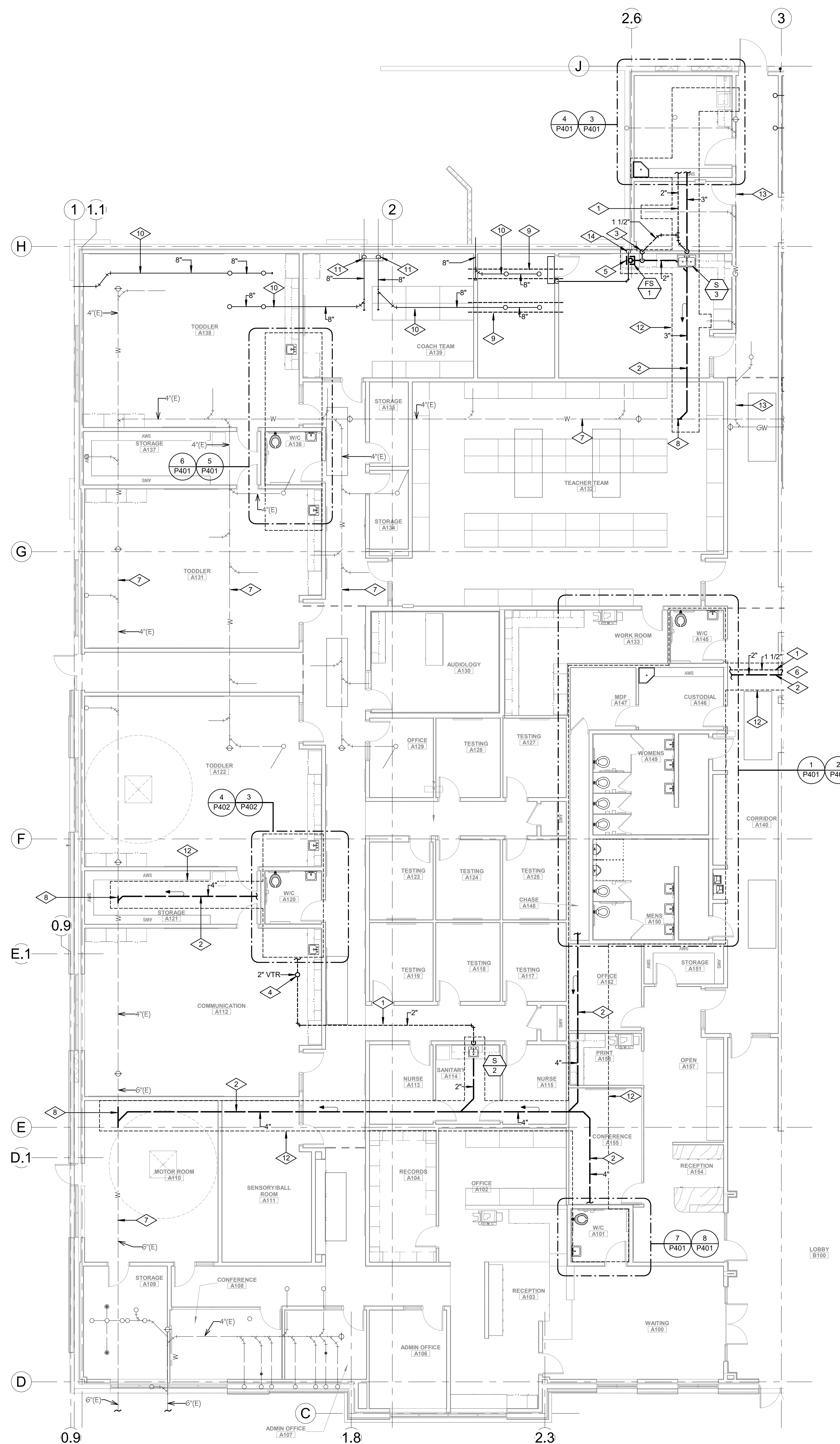
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CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME
**OVERALL
DEMOLITION
PLUMBING PLAN**

SHEET NUMBER
PD102

Autodesk Civildown 2024/08/29 8:28 AM JSD Retail Remediation MECS/CEC JSD Retail Remediation
8/27/2024 5:21:28 PM

A
B
C
D



REFERENCE NOTES

- 1 PIPING TO RUN AS HIGH AS POSSIBLE ABOVE CEILING. COORDINATE ROUTING WITH ALL TRADES (TYPICAL).
- 2 PIPING TO RUN BELOW FINISHED FLOOR. COORDINATE ROUTING WITH STRUCTURAL FOOTINGS (TYPICAL).
- 3 VENT RISE FROM BELOW FLOOR TO AS HIGH AS POSSIBLE.
- 4 VENT THRU ROOF (VTR). MAINTAIN A MINIMUM OF 15'-0" FROM ALL OUTSIDE AIR INTAKES. SEE DETAIL 019002.
- 5 TERMINATE ICE MAKER DRAIN INDIRECT AT FLOOR SINK LOCATED BELOW ICE MAKER.
- 6 FOR CONTINUATION OF PIPING SEE SHEET P101B
- 7 EXISTING WASTE LINE TO REMAIN.
- 8 THE NEW WASTE PIPING INTO EXISTING WASTE LINE IN THIS APPROXIMATE LOCATION. CONTRACTOR TO VERIFY LOCATION OF EXISTING WASTE LINE PRIOR TO SAW CUTTING.
- 9 INSTALL SLOPED SHEET METAL THROUGH UNDER ROOF DRAIN ABOVE ELECTRICAL ROOM.
- 10 INSTALL NEW CAST IRON ROOF DRAINS. ROUTE PIPING AS SAME AS EXISTING PIPING. INSULATE PIPING PER SPECIFICATIONS.
- 11 THE NEW CAST IRON ROOF DRAIN PIPING TO EXISTING PVC ROOF DRAIN PIPING LOCATED IN THIS APPROXIMATE LOCATION.
- 12 SAW CUT EXISTING FLOOR SLAB AS NEEDED FOR INSTALLATION OF NEW WASTE PIPING. COORDINATE WITH EXISTING CONDITIONS PRIOR TO SAW CUTTING.
- 13 EXISTING GREASE WASTE PIPING TO BE ABANDONED IN PLACE. NO WASTE PIPING SHALL BE TIED INTO EXISTING GREASE WASTE SYSTEM.
- 14 RUN CONDENSATE PIPING FROM AC-2 OVER TO FLOOR SINK AND PIPE INDIRECT. PIPING TO DROP INSIDE WALL.



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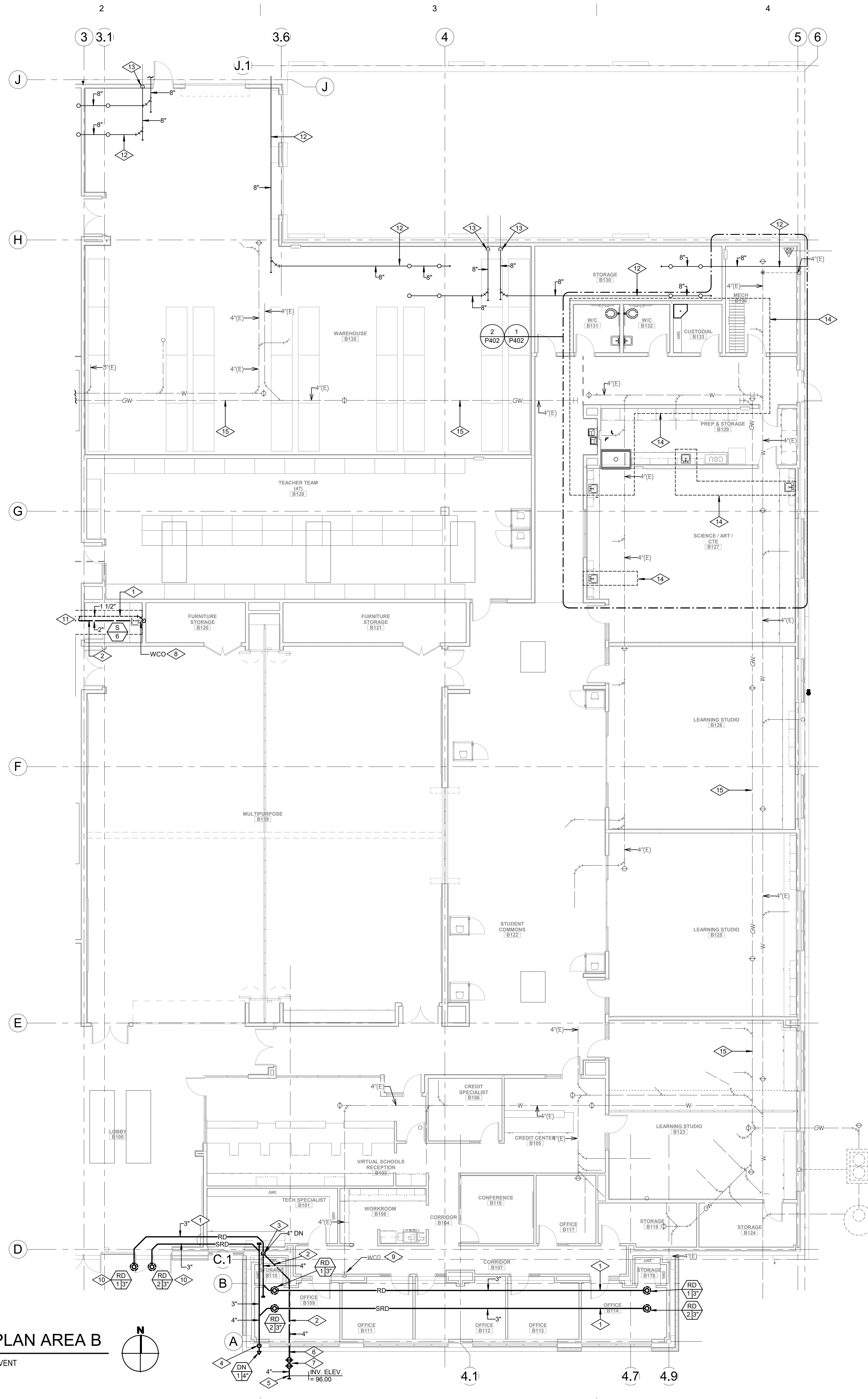
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ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024
SHEET NAME
FIRST FLOOR
PLUMBING PLAN
AREA A

SHEET NUMBER
P101A

1 FIRST FLOOR PLUMBING PLAN AREA A
SCALE: 1/8" = 1'-0"
WASTE & VENT

Autodesk, Corel, 2024/08/28 5:28:33 PM, JSD Retail Remodel/MECH/ELECT, JSD Retail Remodel/MECH/ELECT, 8/27/2024 5:21:33 PM



REFERENCE NOTES

- 1 PIPING TO RUN AS HIGH AS POSSIBLE ABOVE CEILING. COORDINATE ROUTING WITH ALL TRADES (TYPICAL).
- 2 PIPING TO RUN BELOW FINISHED FLOOR. COORDINATE ROUTING WITH STRUCTURAL FOOTINGS (TYPICAL).
- 3 PRIMARY ROOF DRAIN DROP TO BELOW FINISHED FLOOR. PROVIDE CLEANOUT AT BASE, 18" ABOVE FINISHED FLOOR. COORDINATE WITH STRUCTURAL FOOTINGS AND ARCHITECTURAL CHASE LOCATIONS.
- 4 SECONDARY ROOF DRAIN DROP TO 18" ABOVE FINISHED GRADE OR AS REQUIRED TO LOCATE "DN" IN CENTER OF BLOCK COURSE. COORDINATE WITH ARCHITECTURAL CHASE LOCATIONS.
- 5 EXTEND PIPING 5'-0" BEYOND BUILDING. COORDINATE EXACT LOCATION AND INVERT ELEVATION WITH CIVIL DRAWINGS AND SITE UTILITY CONTRACTOR. PLUMBING CONTRACTOR SHALL MAKE FINAL CONNECTION TO SITE UTILITIES.
- 6 PIPING TO RUN BELOW FINISHED GRADE.
- 7 DOUBLE CLEANOUT TO GRADE (TYPICAL). SEE DETAIL 1/P102.
- 8 WALL CLEANOUT (WCO) (TYPICAL).
- 9 CONTRACTOR TO ADJUST EXISTING WALL CLEANOUT AS NEEDED IN NEW WALL.
- 10 INSTALL HEAT TRACE ON ROOF DRAIN PIPING FROM ROOF DRAIN BOWL TO 6'-0" INSIDE BUILDING. 120/160 REQUIRED. COORDINATE WITH ELECTRICAL CONTRACTOR. PLUMBING CONTRACTOR TO SUPPLY HEAT TRACE.
- 11 FOR CONTINUATION OF PIPING SEE SHEET M101A
- 12 INSTALL NEW CAST IRON ROOF DRAINS. ROUTE PIPING AS SAME AS EXISTING PIPING. INSULATE PIPING PER SPECIFICATIONS.
- 13 THE NEW CAST IRON ROOF DRAIN PIPING TO EXISTING PVC ROOF DRAIN PIPING LOCATED IN THIS APPROXIMATE LOCATION.
- 14 SAW CUT EXISTING FLOOR SLAB AS NEEDED FOR INSTALLATION OF NEW WASTE PIPING. COORDINATE WITH EXISTING CONDITIONS PRIOR TO SAW CUTTING.
- 15 EXISTING GREASE WASTE PIPING TO BE ABANDONED IN PLACE. NO WASTE PIPING SHALL BE TIED INTO EXISTING GREASE WASTE SYSTEM.

1 FIRST FLOOR PLUMBING PLAN AREA B
SCALE: 1/8" = 1'-0"
WASTE & VENT



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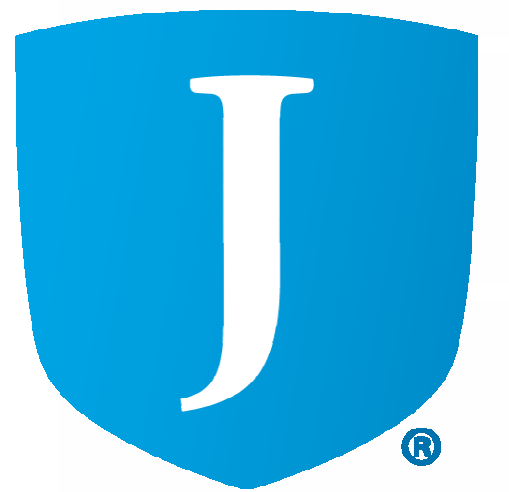
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NO.	DATE	DESCRIPTION

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CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME
FIRST FLOOR PLUMBING PLAN AREA B

SHEET NUMBER
P101B

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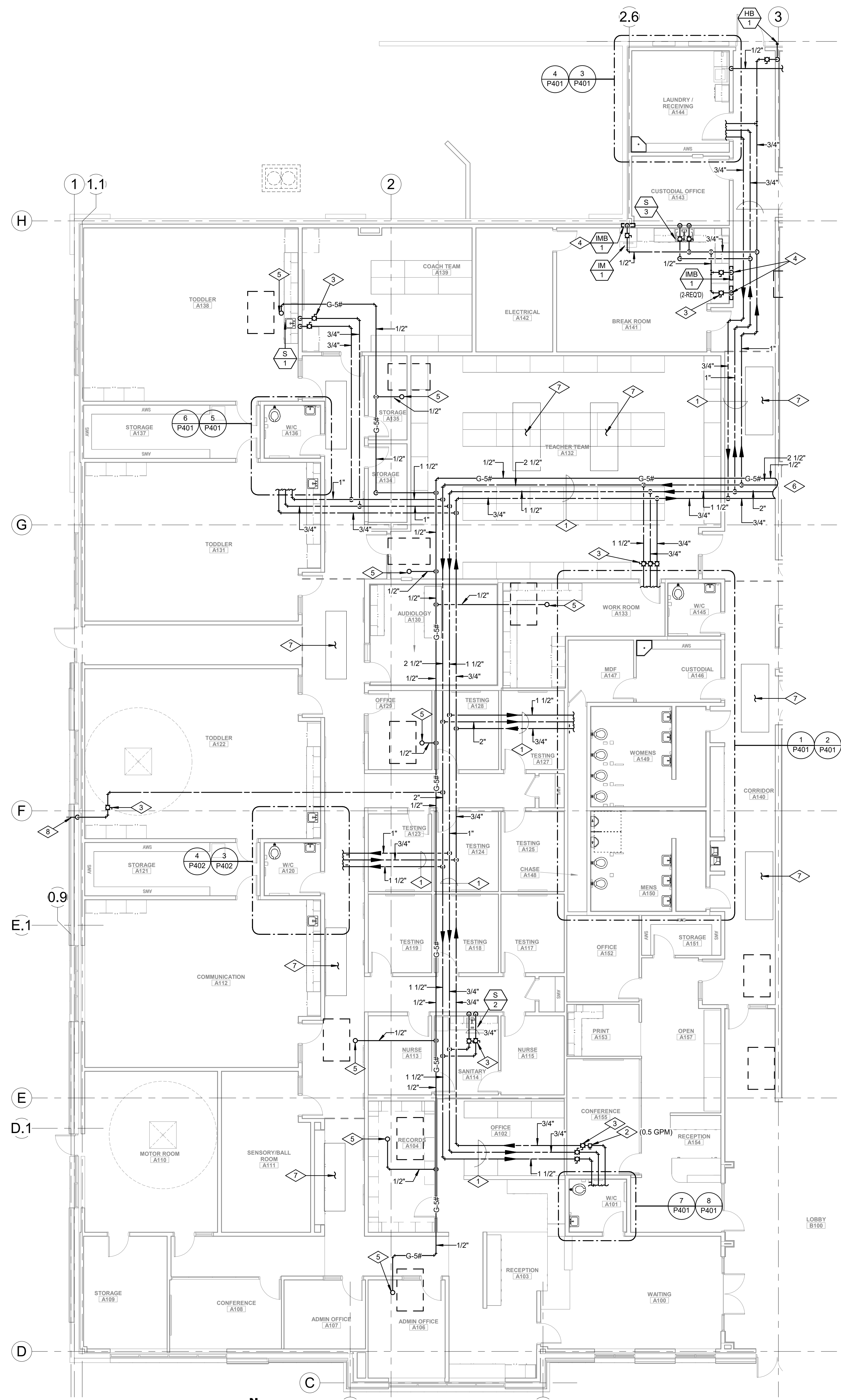
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AUGUST 29, 2024

SHEET NAME
FIRST FLOOR PLUMBING PLAN AREA A

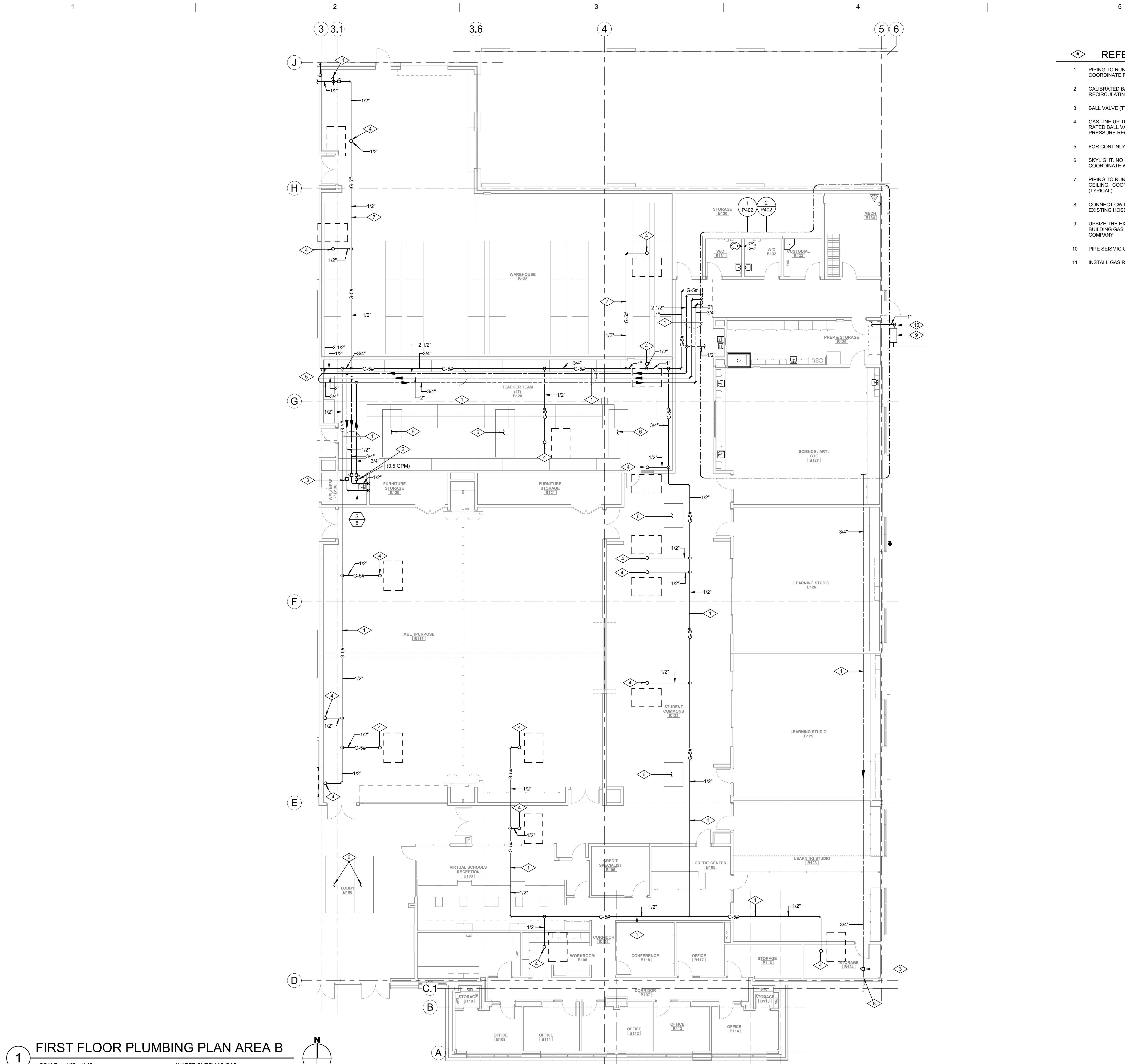
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P102A

REFERENCE NOTES

- 1 PIPING TO RUN AS HIGH AS POSSIBLE ABOVE CEILING. COORDINATE ROUTING WITH ALL TRADES (TYPICAL).
- 2 CALIBRATED BALANCING VALVE ON HOT WATER RECIRCULATING LINE. BALANCE FLOW TO GPM SHOWN.
- 3 BALL VALVE (TYPICAL). VALVE MUST BE ACCESSIBLE.
- 4 1/2" CW TO SERVE ICE MAKER BOX. RUN PIPING IN WALL.
- 5 GAS LINE UP THRU ROOF TO EQUIPMENT. PROVIDE GAS RATED BALL VALVE, DIRT LEG, TEST PORTS AND PRESSURE REGULATOR. SEE DETAIL 3/P602.
- 6 FOR CONTINUATION OF PIPING SEE SHEET P102B
- 7 SKYLIGHT. NO PIPING TO RUN IN THIS AREA. COORDINATE WITH ARCHITECTURAL PLANS.
- 8 CONNECT CW LINE TO EXISTING PIPING SERVING EXISTING HOSE BIBB.



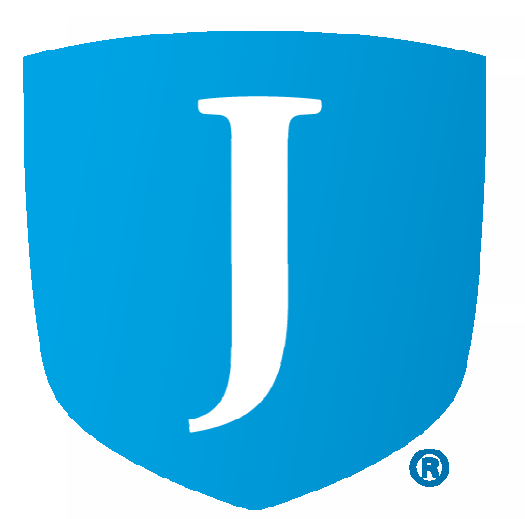
1.8 FIRST FLOOR PLUMBING PLAN AREA A
SCALE: 1/8" = 1'-0"
WATER SUPPLY & GAS



- REFERENCE NOTES**
- 1 PIPING TO RUN AS HIGH AS POSSIBLE ABOVE CEILING. COORDINATE ROUTING WITH ALL TRADES (TYPICAL).
 - 2 CALIBRATED BALANCING VALVE ON HOT WATER RECIRCULATING LINE. BALANCE FLOW TO GPM SHOWN.
 - 3 BALL VALVE (TYPICAL). VALVE MUST BE ACCESSIBLE.
 - 4 GAS LINE UP THRU ROOF TO EQUIPMENT. PROVIDE GAS RATED BALL VALVE, DIRT LEG, TEST PORTS AND PRESSURE REGULATOR. SEE DETAIL 9/P102.
 - 5 FOR CONTINUATION OF PIPING SEE SHEET P102A.
 - 6 SKYLIGHT. NO PIPING TO RUN IN THIS AREA. COORDINATE WITH ARCHITECTURAL PLANS.
 - 7 PIPING TO RUN EXPOSED AS HIGH AS POSSIBLE ABOVE CEILING. COORDINATE ROUTING WITH ALL TRADES (TYPICAL).
 - 8 CONNECT CW LINE TO EXISTING PIPING SERVING EXISTING HOSE BIBB.
 - 9 UPSIZE THE EXISTING 58 GAS METER AS NEED FOR NEW BUILDING GAS LOAD. COORDIANTE WITH LOCAL GAS COMPANY.
 - 10 PIPE SEISMIC GAS VALVE PER SEE DETAIL 9/P801
 - 11 INSTALL GAS REGULATOR IN AN ACCESSIBLE LOCATION.

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MHTN PROJECT NO. 2024528

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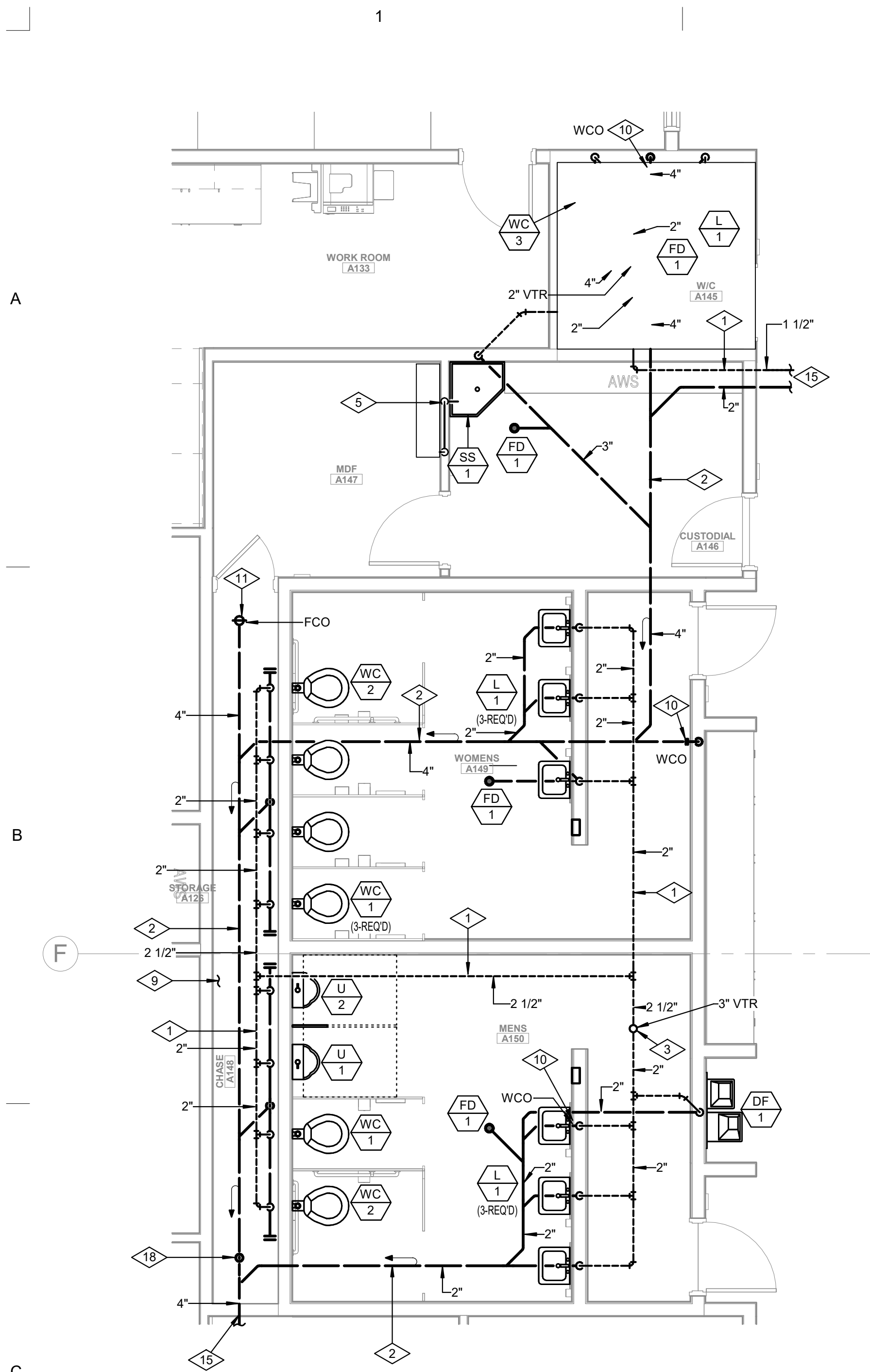
REVISIONS		
NO.	DATE	DESCRIPTION

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CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

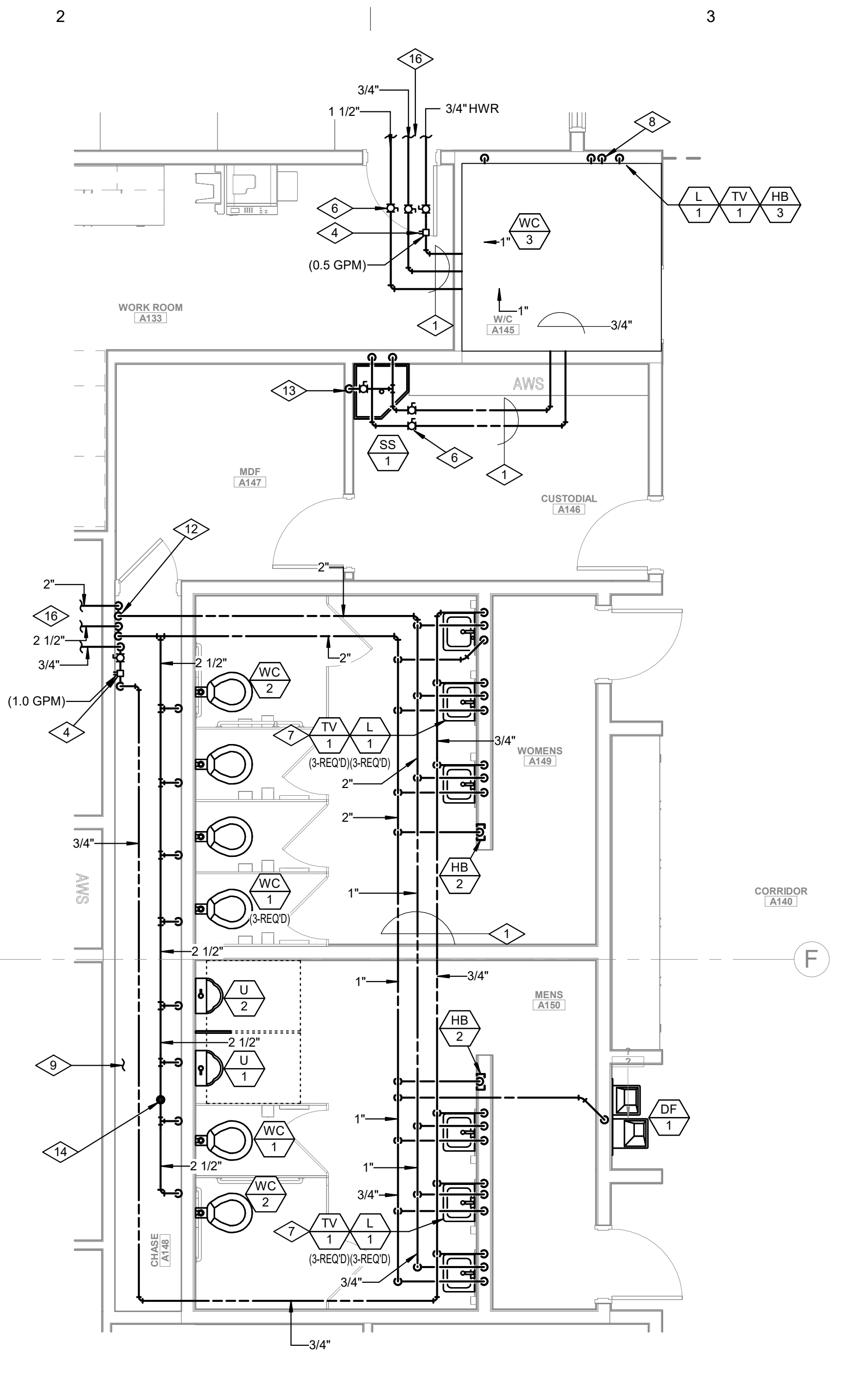
SHEET NAME
FIRST FLOOR PLUMBING PLAN AREA B

SHEET NUMBER
P102B

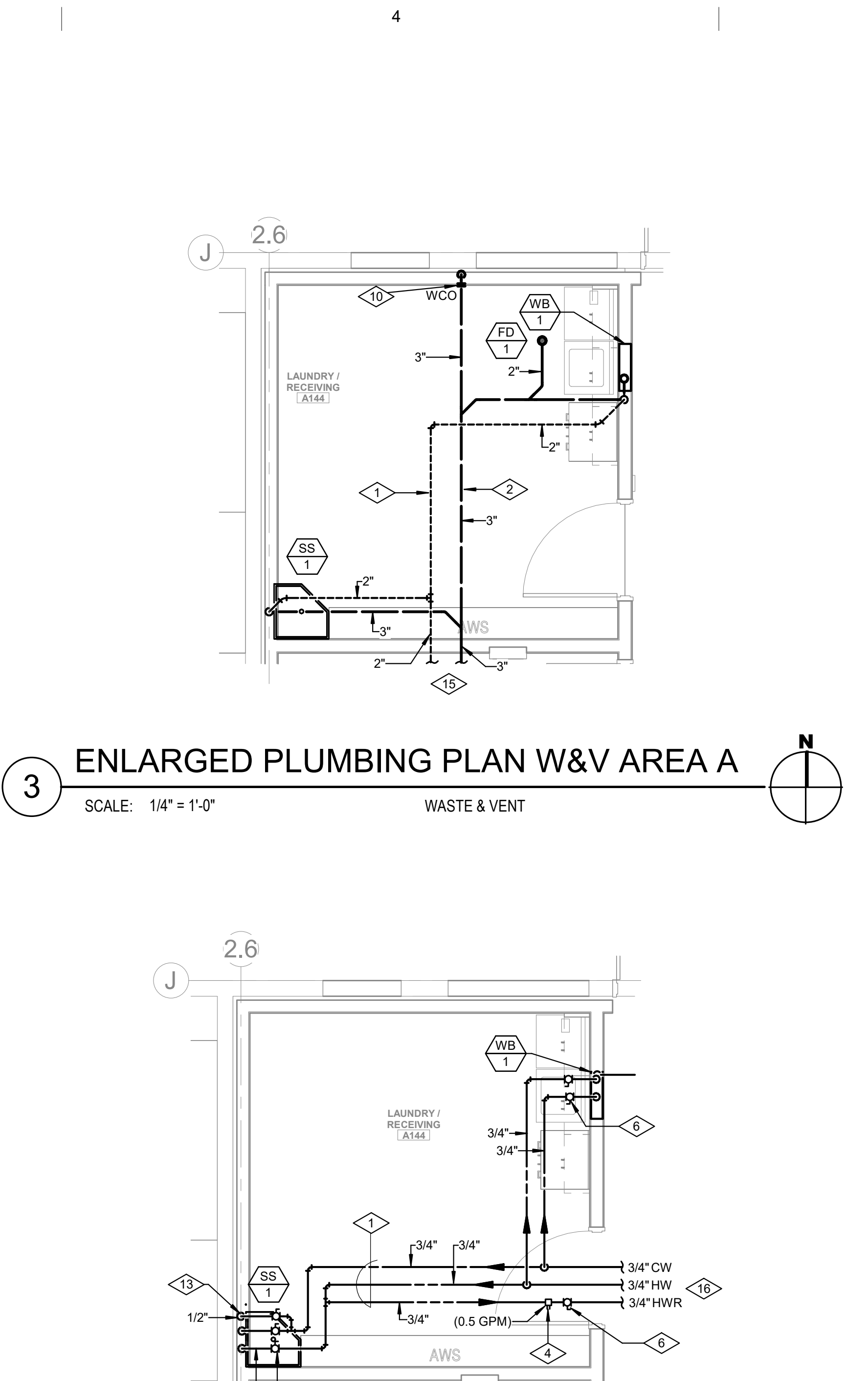
1 FIRST FLOOR PLUMBING PLAN AREA B
SCALE: 1/8" = 1'-0"
WATER SUPPLY & GAS



1 ENLARGED PLUMBING PLAN AREA A
SCALE: 1/4" = 1'-0" WASTE & VENT

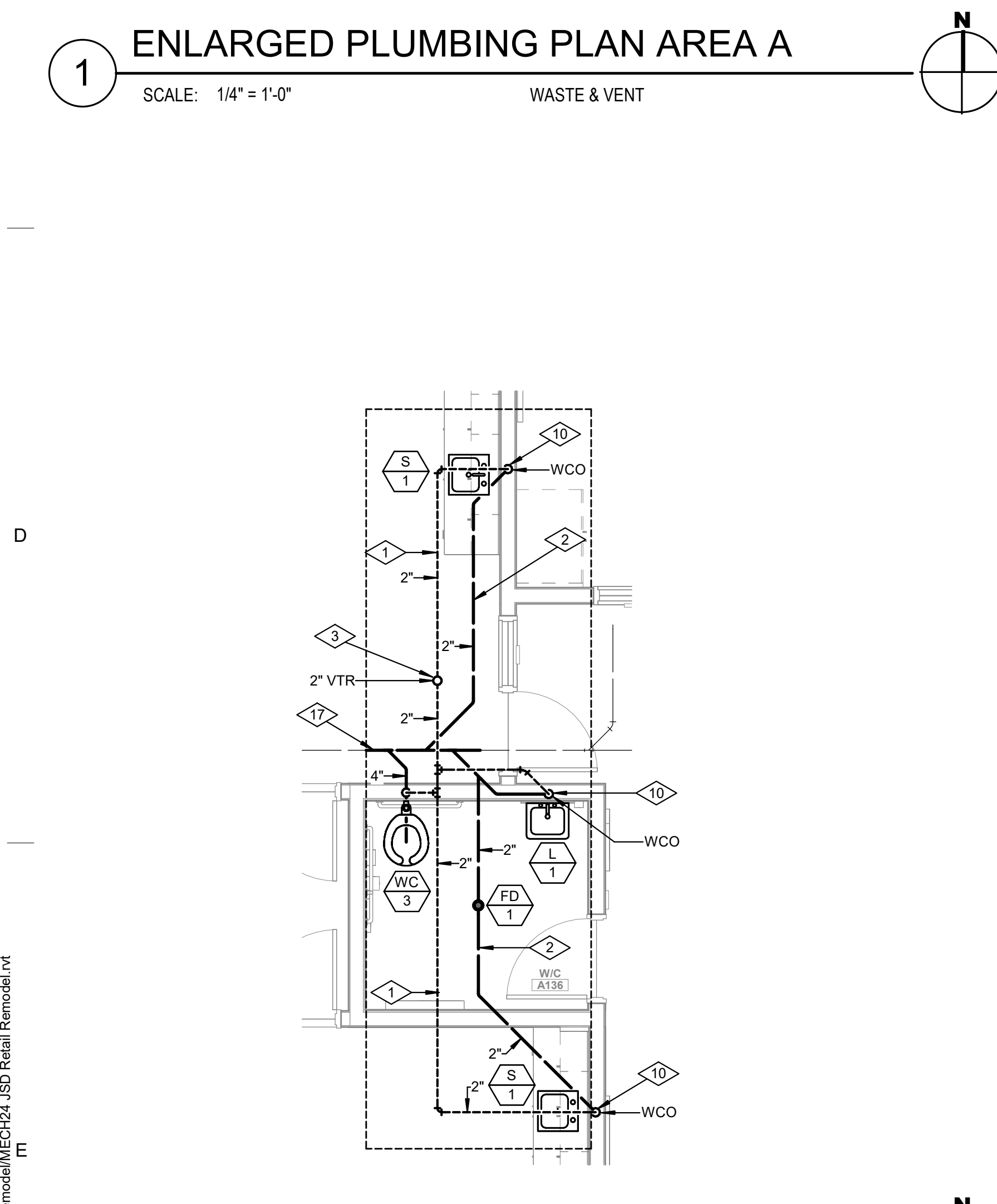


2 ENLARGED PLUMBING PLAN AREA A
SCALE: 1/4" = 1'-0" WATER SUPPLY

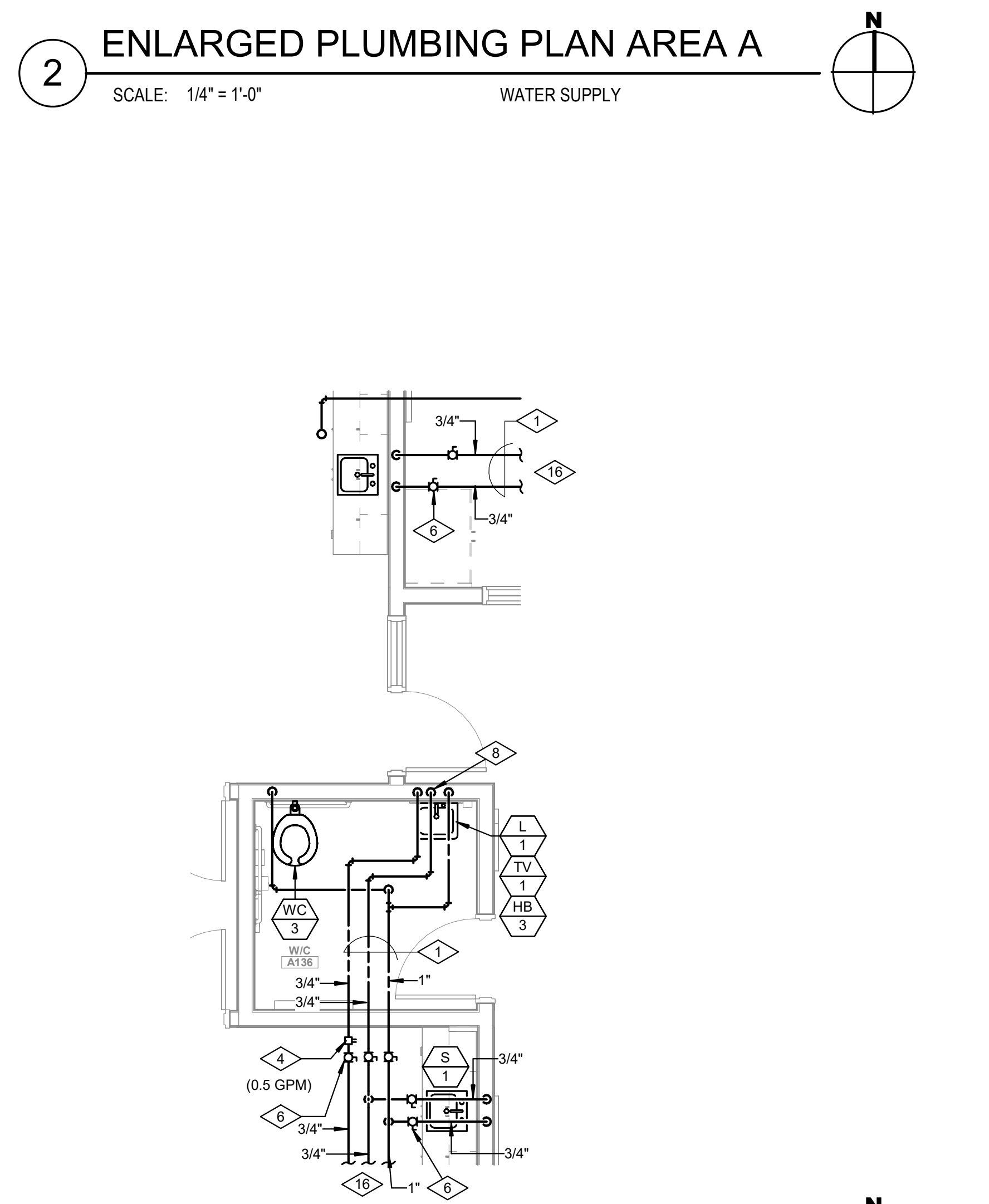


3 ENLARGED PLUMBING PLAN AREA A
SCALE: 1/4" = 1'-0" WASTE & VENT

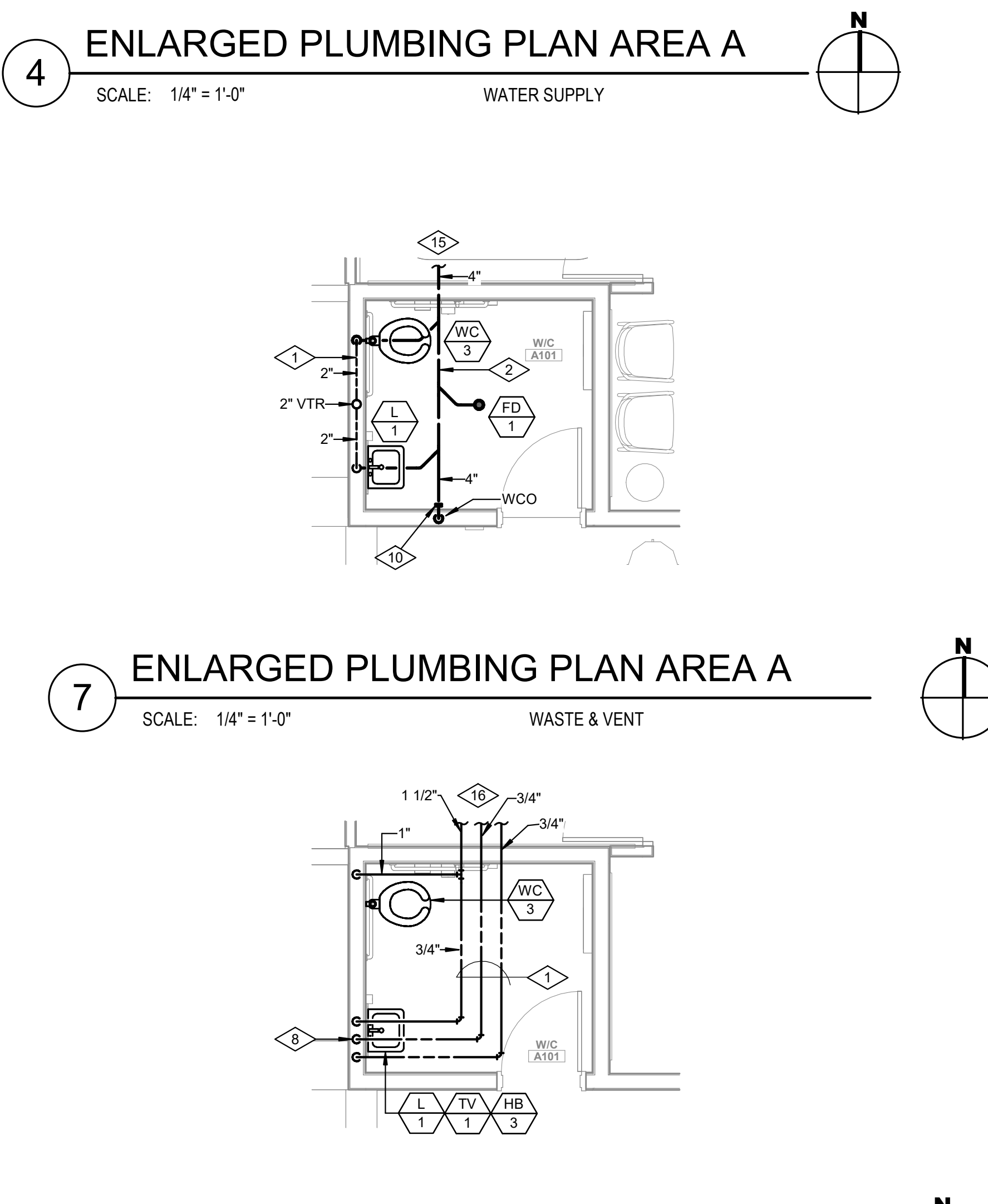
4 ENLARGED PLUMBING PLAN AREA A
SCALE: 1/4" = 1'-0" WATER SUPPLY



5 ENLARGED PLUMBING PLAN AREA A
SCALE: 1/4" = 1'-0" WASTE & VENT



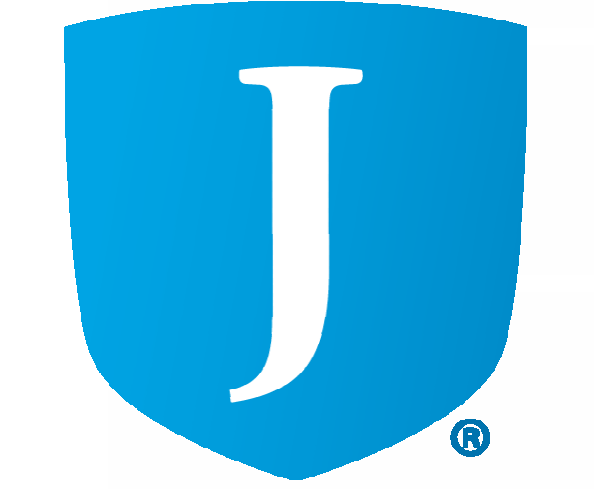
6 ENLARGED PLUMBING PLAN AREA A
SCALE: 1/4" = 1'-0" WATER SUPPLY



7 ENLARGED PLUMBING PLAN AREA A
SCALE: 1/4" = 1'-0" WASTE & VENT

8 ENLARGED PLUMBING PLAN AREA A
SCALE: 1/4" = 1'-0" WATER SUPPLY

- REFERENCE NOTES**
- 1 PIPING TO RUN AS HIGH AS POSSIBLE ABOVE CEILING. COORDINATE ROUTING WITH ALL TRADES (TYPICAL).
 - 2 PIPING TO RUN BELOW FINISHED FLOOR. COORDINATE ROUTING WITH STRUCTURAL FOOTINGS (TYPICAL).
 - 3 VENT THRU ROOF (VTR). MAINTAIN A MINIMUM OF 15'-0" FROM ALL OUTSIDE AIR INTAKES. SEE DETAIL 8/P602.
 - 4 CALIBRATED BALANCING VALVE ON HOT WATER RECIRCULATING LINE. BALANCE FLOW TO GPM SHOWN.
 - 5 3/4" CONDENSATE DRAIN LINE FROM AC-1. TERMINATE DRAIN INDIRECT AT SERVICE SINK.
 - 6 BALL VALVE (TYPICAL). VALVE MUST BE ACCESSIBLE.
 - 7 1/2" HOT, COLD AND HOT WATER RECIRCULATING PIPING TO DROP IN WALL TO SERVE LAVATORY (TYPICAL).
 - 8 3/4" COLD, 1/2" HOT AND HOT WATER RECIRCULATING PIPING TO DROP IN WALL TO SERVE LAVATORY (TYPICAL).
 - 9 ALL HORIZONTAL PIPING RUN IN PLUMBING CHASE SHALL BE INSTALLED 7'-0" MINIMUM ABOVE FINISHED FLOOR.
 - 10 WALL CLEANOUT (WCO) (TYPICAL). SEE DETAIL 4/P601.
 - 11 FLOOR CLEANOUT (FCO) (TYPICAL). SEE DETAIL 4/P601.
 - 12 LINE SIZE BALL VALVE IN VERTICAL PIPE DROP. VALVES MUST BE ACCESSIBLE. MOUNT VALVES AT 6'-6" ABOVE FINISHED FLOOR.
 - 13 PROVIDE 1/2" CW LINE TO HOSE BIBB 'HB-4' SEE DETAIL 1/P603.
 - 14 WATER HAMMER ARRESTOR (TYPICAL).
 - 15 FOR CONTINUATION OF PIPING SEE SHEET P101A.
 - 16 FOR CONTINUATION OF PIPING SEE SHEET P102A.
 - 17 CONTRACTOR TO TIE INTO EXISTING PIPING IN THIS APPROXIMATE LOCATION. CONTRACTOR TO REMOVE AS NEEDED PIPING TO MAKE ALL NEW CONNECTIONS.
 - 18 4" WASTE PIPE STUB UP WITH JIM CAP.



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ENLARGED PLUMBING PLANS

SHEET NUMBER
P401



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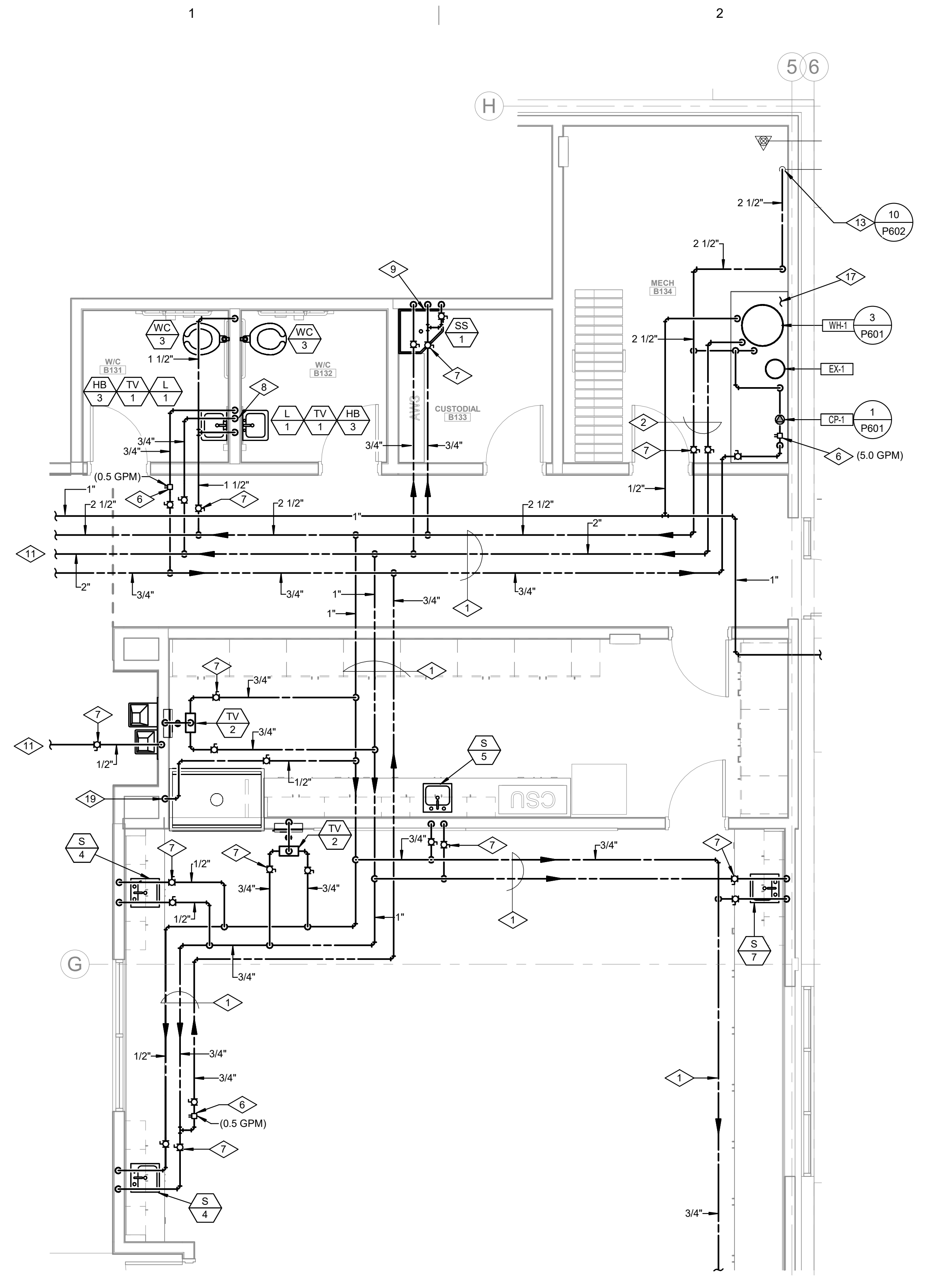
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CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

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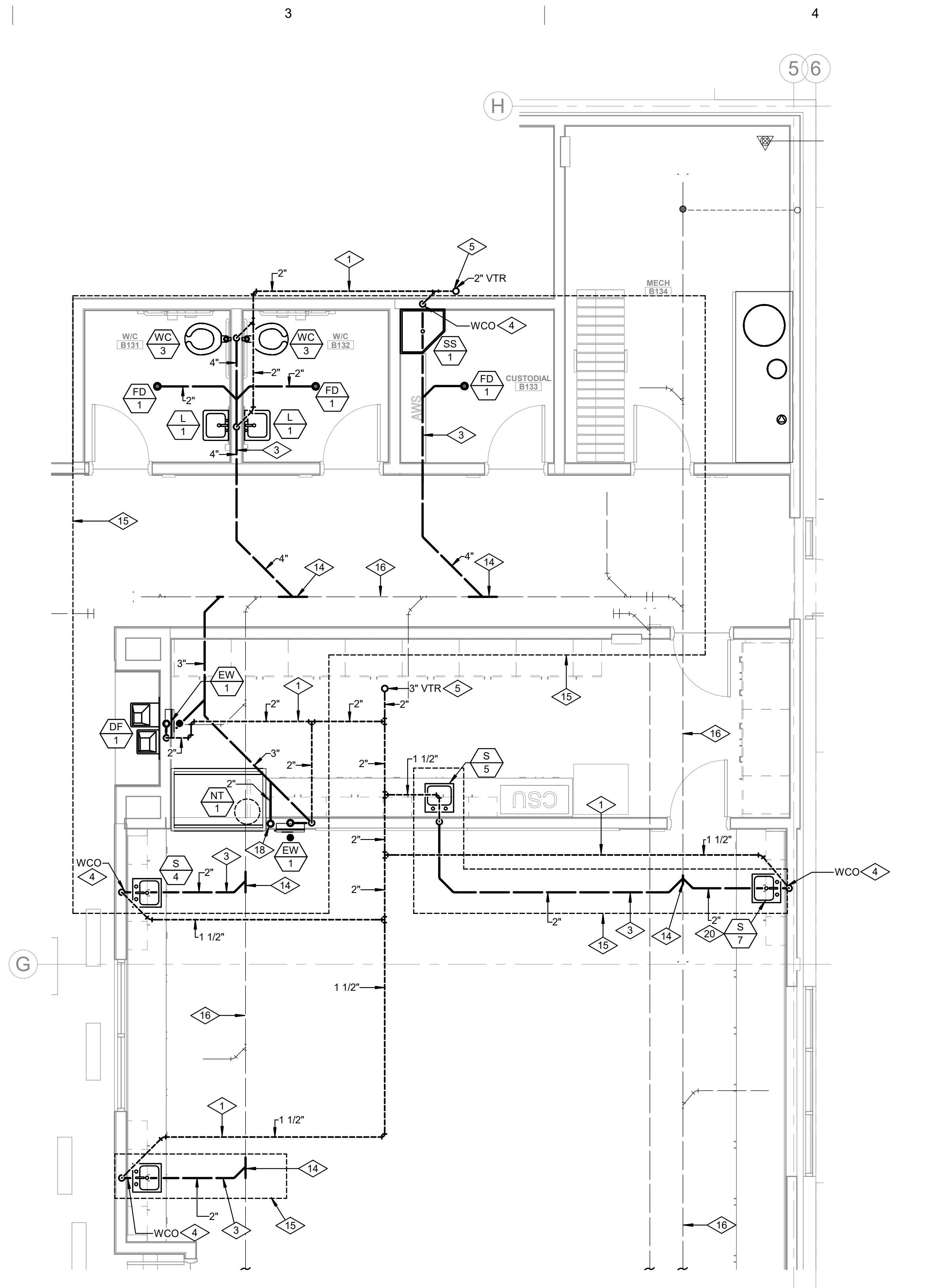
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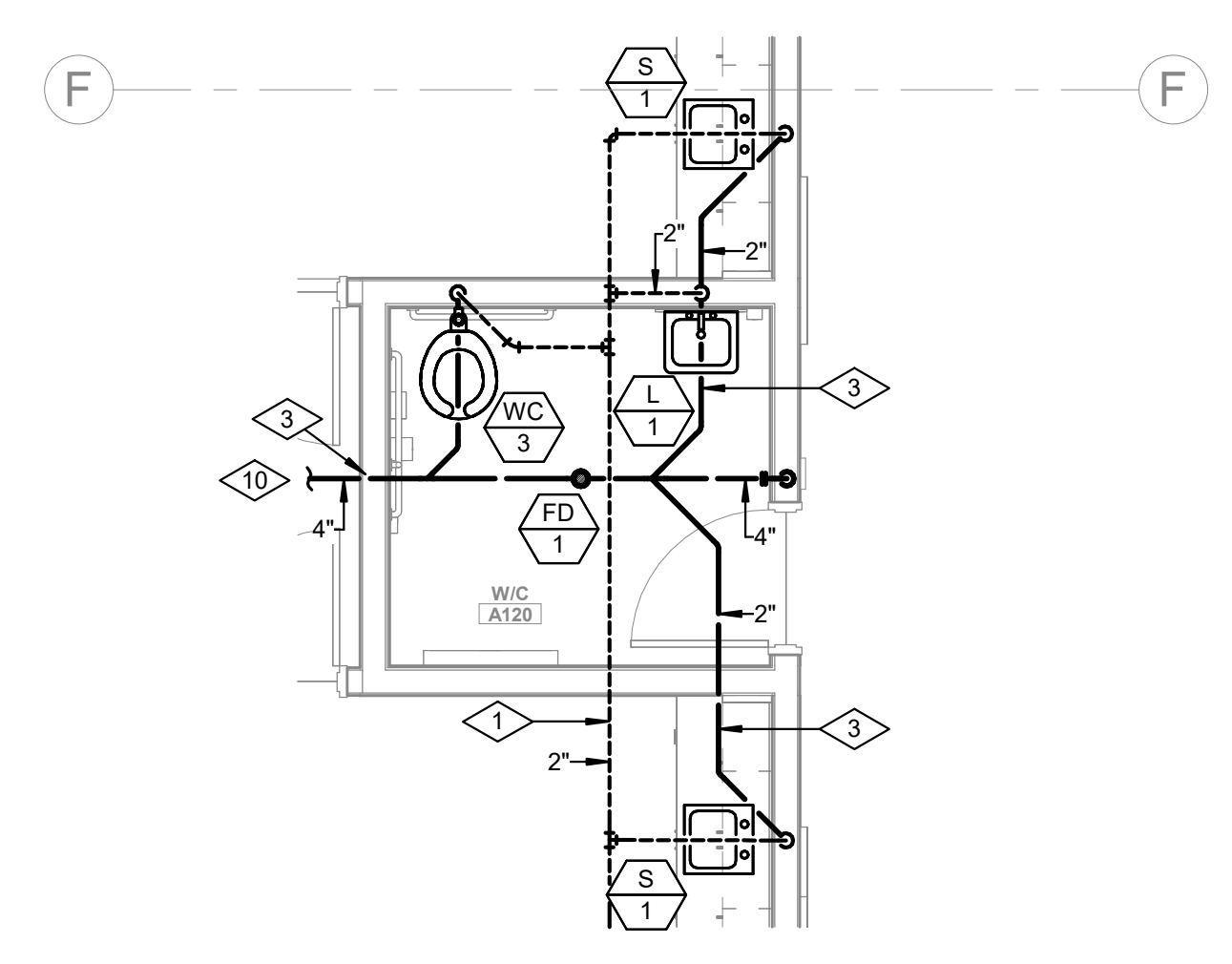
- 1 PIPING TO RUN AS HIGH AS POSSIBLE ABOVE CEILING. COORDINATE ROUTING WITH ALL TRADES (TYPICAL).
- 2 PIPING TO RUN EXPOSED AS HIGH AS POSSIBLE. COORDINATE ROUTING WITH ALL TRADES (TYPICAL).
- 3 PIPING TO RUN BELOW FINISHED FLOOR. COORDINATE ROUTING WITH STRUCTURAL FOOTINGS (TYPICAL).
- 4 WALL CLEANOUT (WCO) (TYPICAL).
- 5 VENT THRU ROOF (VTR). MAINTAIN A MINIMUM OF 15'-0" FROM ALL OUTSIDE AIR INTAKES. SEE DETAIL 6/P602.
- 6 CALIBRATED BALANCING VALVE ON HOT WATER RECIRCULATING LINE. BALANCE FLOW TO GPM SHOWN.
- 7 BALL VALVE (TYPICAL). VALVE MUST BE ACCESSIBLE.
- 8 3/4" COLD, 1/2" HOT AND HOT WATER RECIRCULATING PIPING TO DROP IN WALL TO SERVE LAVATORY (TYPICAL).
- 9 PROVIDE 1/2" CW LINE TO HOSE BIBB "HB-4" SEE DETAIL 1/P603.
- 10 FOR CONTINUATION OF PIPING SEE SHEET P101A.
- 11 FOR CONTINUATION OF PIPING SEE SHEET P102B.
- 12 FOR CONTINUATION OF PIPING SEE SHEET P102A.
- 13 CONNECT NEW 2 1/2" WATER LINE TO EXISTING. SEE DETAIL 10/P602 FOR INSTALLATION OF NEW PRV.
- 14 THE NEW WASTE LINE TO EXISTING WASTE LINE LOCATED IN THIS APPROXIMATE LOCATION. CONTRACTOR TO VERIFY LOCATION OF EXISTING WASTE LINE PRIOR TO ANY WORK.
- 15 CONTRACTOR TO SAW CUT EXISTING FLOOR SLAB FOR INSTALLATION OF NEW PLUMBING WASTE LINES. CONTRACTOR TO VERIFY LOCATION OF EXISTING WASTE LINE PRIOR TO CUTTING.
- 16 EXISTING WASTE LINE.
- 17 INSTALL WATER HEATER ON 4" HOUSEKEEPING PAD.
- 18 PIPE NEUTRALIZATION TANK TO CUP SINK LOCATED IN FUME HOOD "FH-1". LOCATE "FH-1" IN CABINET.
- 19 TIE CW LINE INTO FUME HOOD "FH-1". COORDINATE LOCATIN OF TIE IN WITH FUME HOOD.
- 20 INSTALL SOLIDS INTERCEPTOR FROM ADA SINK IN ADJACENT CABINET.



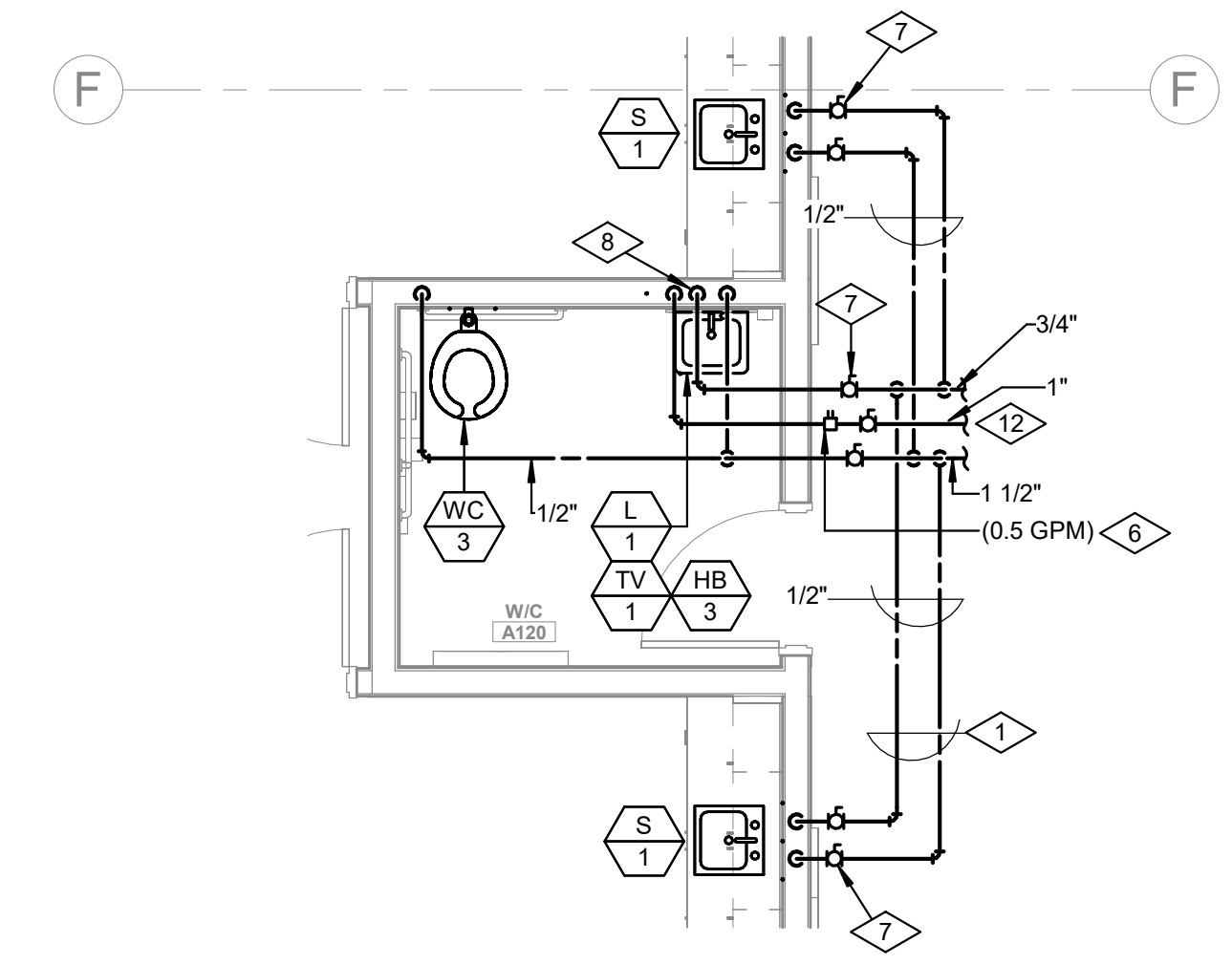
1 ENLARGED PLUMBING PLAN AREA B
SCALE: 1/4" = 1'-0"
WATER SUPPLY



2 ENLARGED PLUMBING PLAN AREA B
SCALE: 1/4" = 1'-0"
WASTE & VENT



3 ENLARGED PLUMBING PLAN AREA A
SCALE: 1/4" = 1'-0"
WASTE & VENT



4 ENLARGED PLUMBING PLAN AREA A
SCALE: 1/4" = 1'-0"
WATER SUPPLY

PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE	WASTE	VENT	C.W.	H.W.	TEMP. W.	NOTES (1)
WC 1	WATER CLOSET	4"	2"	1"	--	--	WALL MOUNTED - FLUSH VALVE
WC 2	WATER CLOSET	4"	2"	1"	--	--	WALL MOUNTED - FLUSH VALVE (ADA)
WC 3	WATER CLOSET	4"	2"	1"	--	--	FLOOR MOUNTED - FLUSH VALVE (ADA)
U 1	URINAL	3"	2"	1"	--	--	WALL MOUNTED - SENSOR FLUSH
U 2	URINAL	3"	2"	1"	--	--	WALL MOUNTED - SENSOR FLUSH (ADA)
L 1	LAVATORY	1-1/2"	1-1/2"	1/2"	1/2"	1/2"	WALL MOUNTED - (ADA) WASSE TV-1
S 1	SINK	1-1/2"	1-1/2"	1/2"	1/2"	--	COUNTER MOUNTED
S 2	SINK	1-1/2"	1-1/2"	1/2"	1/2"	--	COUNTER MOUNTED
S 3	SINK	1-1/2"	1-1/2"	1/2"	1/2"	--	2-COMPARTMENT COUNTER MOUNTED
S 4	SINK	1-1/2"	1-1/2"	1/2"	1/2"	--	COUNTER MOUNTED
S 5	SINK	1-1/2"	1-1/2"	1/2"	1/2"	--	COUNTER MOUNTED
S 6	SINK	1-1/2"	1-1/2"	1/2"	1/2"	--	COUNTER MOUNTED
SS 1	SERVICE SINK	3"	2"	3/4"	3/4"	--	FLOOR MOUNTED
DF 1	DRINKING FOUNTAIN	1-1/2"	1-1/2"	1/2"	--	--	SINGLE WALL MOUNTED WITH BOTTLE FILLER 120/160
WB 1	WASHER BOX	2"	2"	3/4"	3/4"	--	SEE DETAIL 9/P602
IMB 1	ICE MAKER BOX	--	--	1/2"	--	--	RECESSED IN WALL
HB 1	HOSE BIBB	--	--	3/4"	--	--	EXTERIOR NON-FREEZE
HB 2	HOSE BIBB	--	--	3/4"	--	--	INTERIOR WALL BOX (TOILET ROOMS)
HB 3	HOSE BIBB	--	--	3/4"	--	--	INTERIOR W/INTEGRAL VACUUM BREAKER (TOILET ROOMS)
HB 4	HOSE BIBB	--	--	3/4"	--	--	SEE DETAIL 1/P603
TV 1	TEMPERING VALVE	--	--	1/2"	1/2"	1/2"	SINGLE LAV. ASSE 1070 MOUNT UNDER LAVATORY
TV 2	TEMPERING VALVE	--	--	3/4"	3/4"	3/4"	TEMPERING VALVE AT EYEWASH STATION
FD 1	FLOOR DRAIN	2"	1-1/2"	--	--	--	WIDESEAL TRAP AND ASSE TRAP GUARD
FS 1	FLOOR SINK	2"	2"	--	--	--	PROVIDE GRATE
EW 1	RECESSED EYEWASH	2"	1-1/2"	--	--	--	PROVIDE GRATE
NT 1	NEUTRALIZATION CARTRIDGE	2"	1-1/2"	--	--	--	PROVIDE @ CUP SINK IN FUME HOOD
RD 1	PRIMARY ROOF DRAIN	--	--	--	--	--	SEE PLAN FOR SIZES
RD 2	SECONDARY ROOF DRAIN	--	--	--	--	--	SEE PLAN FOR SIZES
DN 1	DOWNSPOUT NOZZLE	--	--	--	--	--	SEE PLAN FOR SIZES

NOTES:
 (1) CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL PLUMBING FIXTURES AND DRAINS WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN OR INSTALLATION.

BRANCH WATER LINE SCHEDULE

FIXTURE	FIXTURE UNITS	TOTAL QUANTITY OF FIXTURES SERVED BY A GIVEN PIPE SIZE					
		1/2"	3/4"	1"	1 1/4"	1-1/2"	2"
WATER CLOSET	10	--	--	1	2	3	8
URINAL	5	--	1	2	3	6	20
LAVATORY	2	1	3	5	7	15	50
SINK	2	1	3	5	7	15	50
KITCHEN SINK	2	1	3	5	7	15	50
SERVICE SINK	4	--	1	2	3	7	25
DRINKING FOUNTAIN	1	2	6	10	15	30	--
HOSE BIBB	3	--	1	3	5	10	33
WALL HYDRANT	3	--	1	3	5	10	33
DISHWASHER	4	--	1	2	3	7	25
TOTAL FIXTURE UNITS SERVED BY PIPE SIZE		2	6	10	15	30	100

NOTE:
 MINIMUM PIPE SIZE TO ANY FIXTURE TO BE 1/2". WHERE PIPE SIZE IS SHOWN ON DRAWINGS, IT SHALL BE FOLLOWED. IN THE EVENT PIPE SIZES ARE NOT SHOWN, THE SIZE OF ANY BRANCH LINE SHALL BE DETERMINED BY USING THIS TABLE. FIND SUM OF TOTAL FIXTURE UNITS ON BRANCH LINE, THEN REDUCE TOTAL BY SUBTRACTING OFF INDIVIDUAL FIXTURE UNITS FOR EACH SUCCESSIVE FIXTURE ALONG THE BRANCH LINE.

PLUMBING EQUIPMENT SCHEDULE

- WH-1 WATER HEATER: GAS FIRED, PACKAGED TYPE, 100,000 BTUH INPUT, 129 GALLONS PER HOUR RECOVERY THRU 90°F TEMP. RISE. HEATER SHALL BE 75 GALLON, FACTORY INSULATED HOT WATER ASME STORAGE TANK WITH GLASS LINED TANK, POWER BURNER. HEATER SHALL BE SUITABLE FOR PVC VENTING. COMPLETE WITH P & T RELIEF VALVE, GAS TRAP, FACTORY WIRED AND TESTED. UPPER & LOWER LIMIT OPERATING THERMOSTATS, COMBINATION HIGH AND LOW PRESSURE SAFETY CONTROLS. LOW WATER CUT-OFF, & ALL CONTROLS FOR AUTOMATIC OPERATION. SET AT 120°F.
- EX-1 EXPANSION TANK (DOMESTIC): OUTER STEEL SHELL, PRE-CHARGED AIR CHAMBER - FACTORY CHARGED TO 55 PSI. 0.9 GALLONS ACCEPTANCE VOLUME. 2.1 GALLONS TOTAL VOLUME. MANUFACTURER: AMTROL. MODEL: ST-5. SIZE: 10.25"Ø x 9.25"H. OPERATING WEIGHT: 30 LBS.
- CP-1 PUMP: IN-LINE RECIRCULATING, 120°F WATER, 5 GPM AT 12 FT. HEAD, 1/6 H.P., 120/160, 1725 RPM, 3/4" CONNECTIONS. ALL BRONZE CONSTRUCTION. MANUFACTURER: TACO. MODEL: SMART PLUS.

PLUMBING LEGEND

WASTE - UNDERGROUND	-----
VENT	-----v-----
ACID WASTE	-----AW-----
ACID VENT	-----AV-----
DOMESTIC COLD WATER	-----
DOMESTIC HOT WATER	-----
DOMESTIC HOT WATER RECIRC	-----
GAS - 4oz	-----G-4oz-----
GAS - 2#	-----G-2#-----
GAS - 5#	-----G-5#-----



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 AUGUST 29, 2024
 SHEET NAME
PLUMBING SCHEDULES & LEGENDS

SHEET NUMBER
P501



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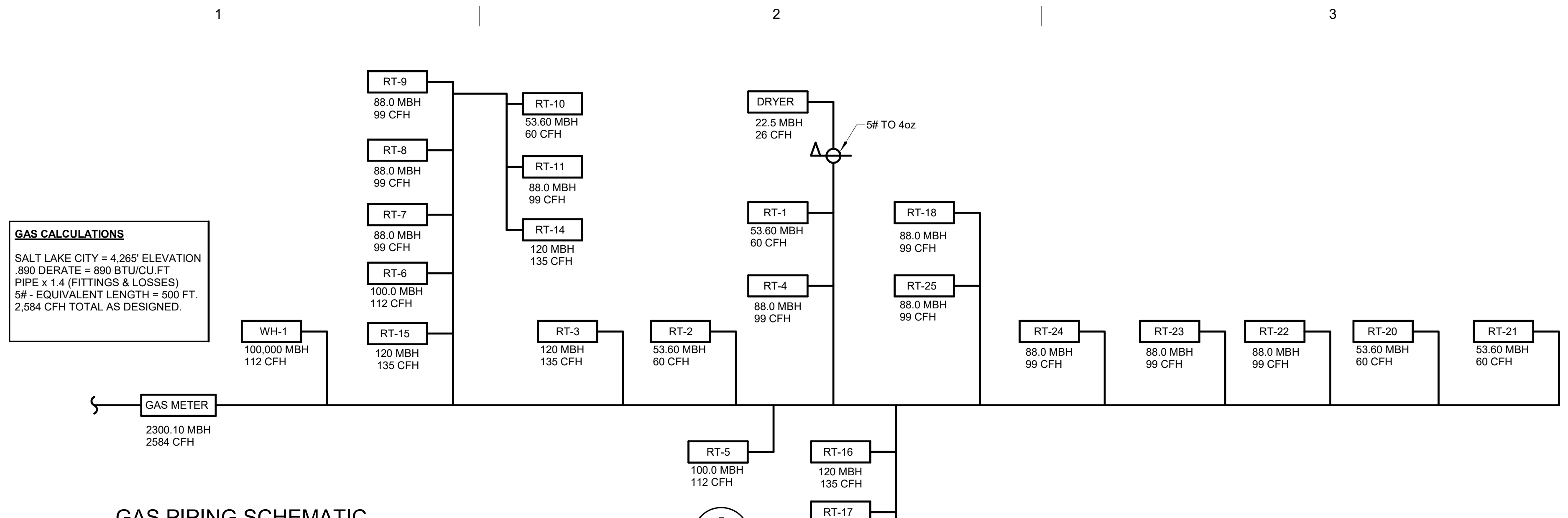
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NO. DATE DESCRIPTION

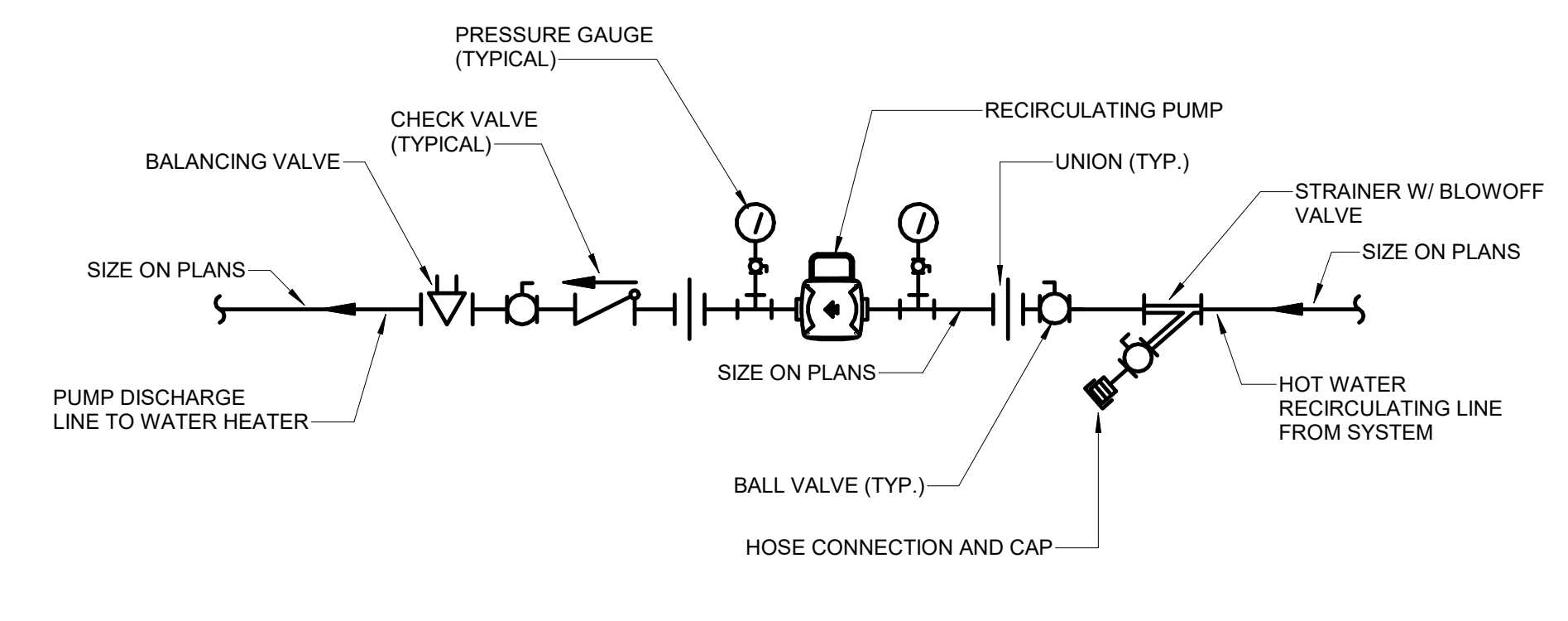
ISSUE:
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME:
PLUMBING DETAILS

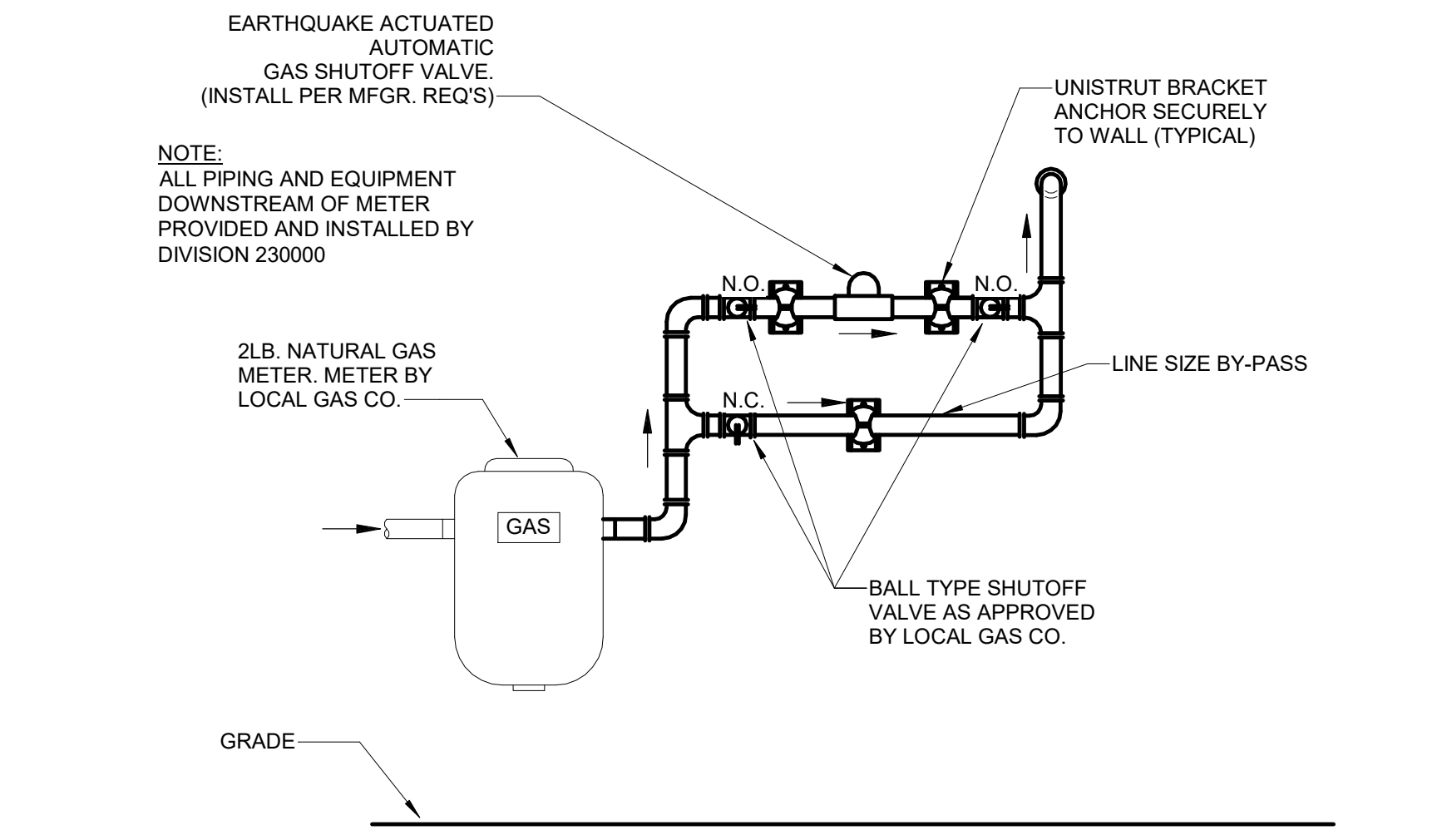
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P601



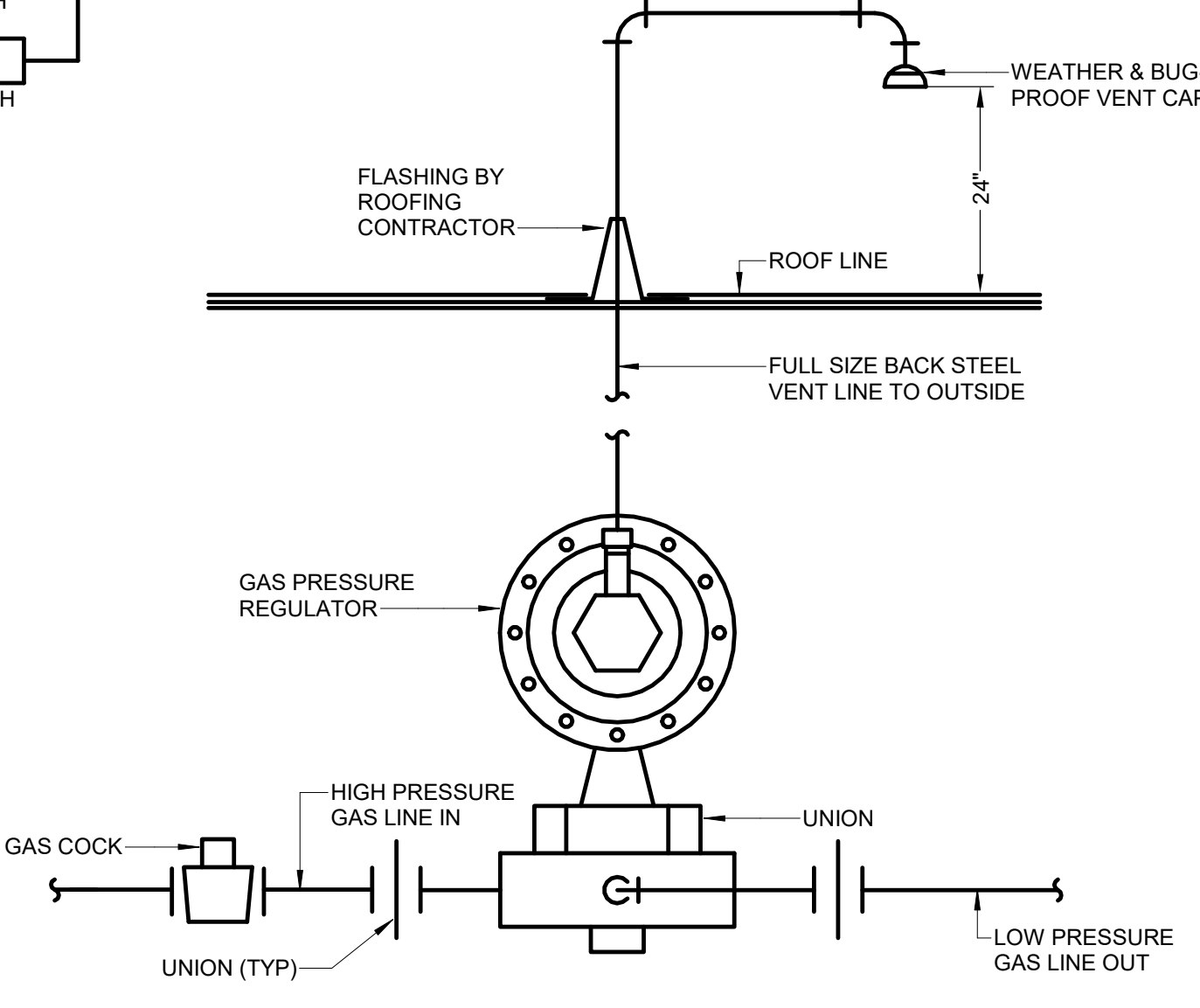
GAS PIPING SCHEMATIC
SCALE: NTS



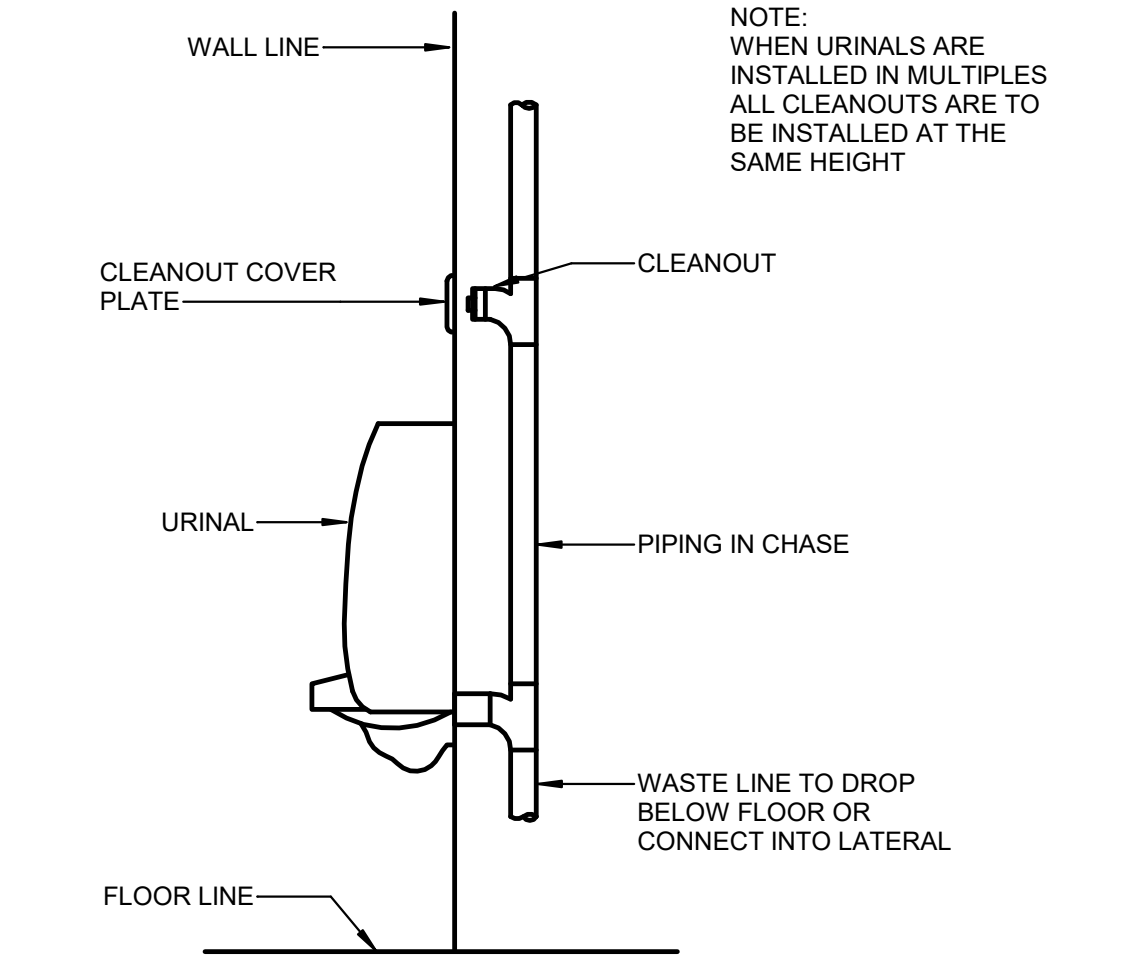
CIRCULATING PUMP DETAIL
SCALE: NTS



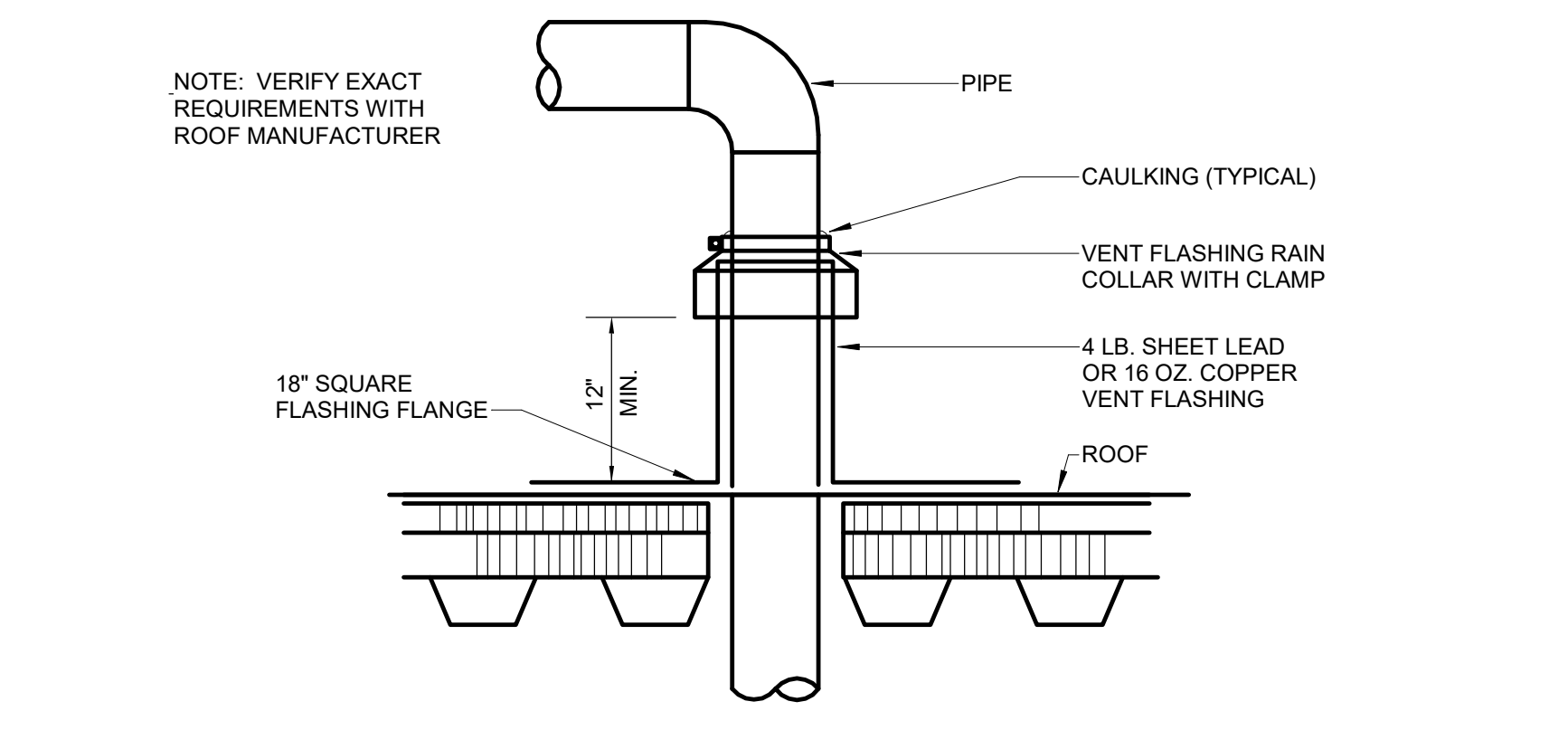
SEISMIC GAS VALVE INSTALLATION DETAIL
SCALE: NTS



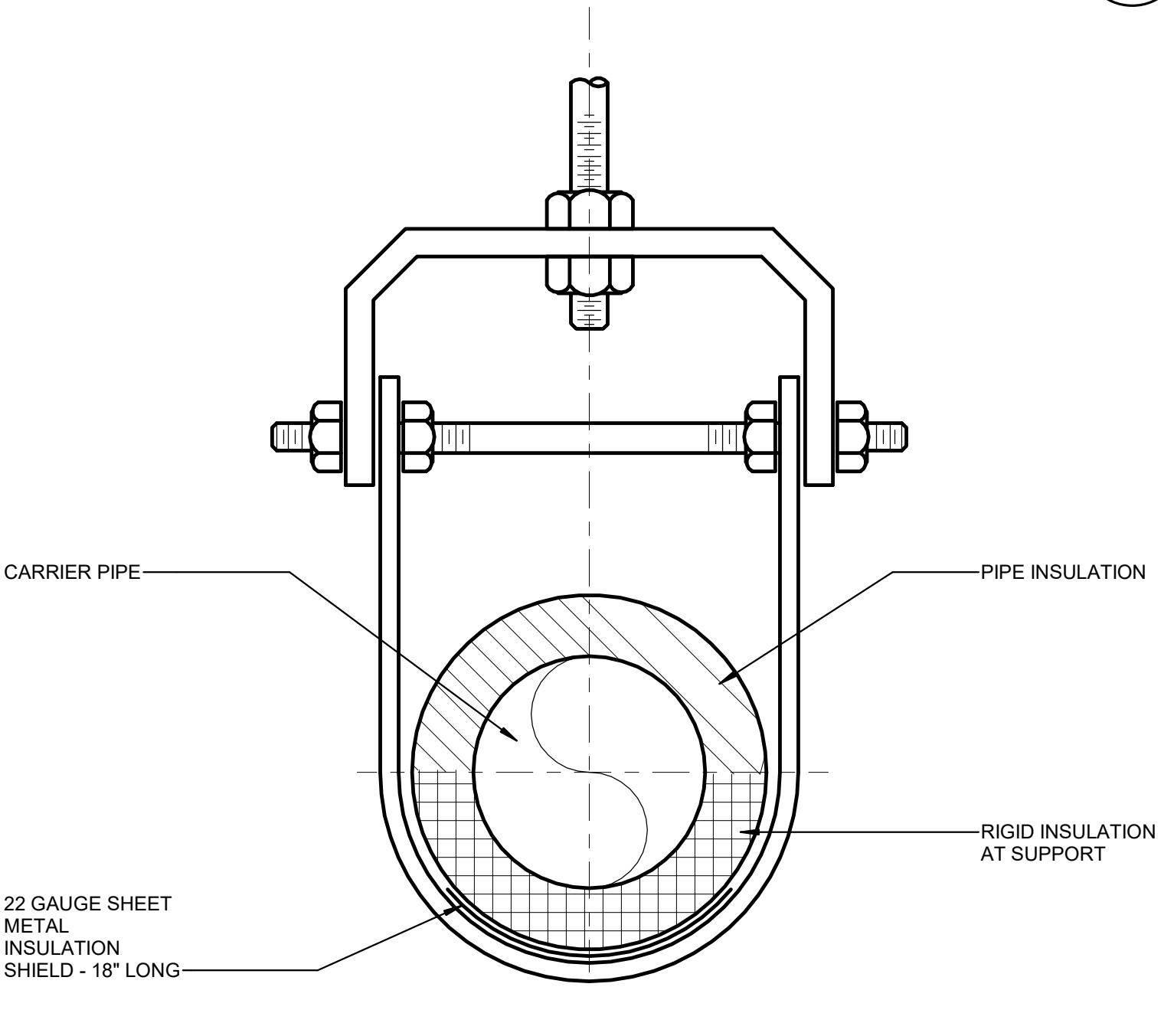
GAS PRESSURE REGULATOR DETAIL
SCALE: NTS



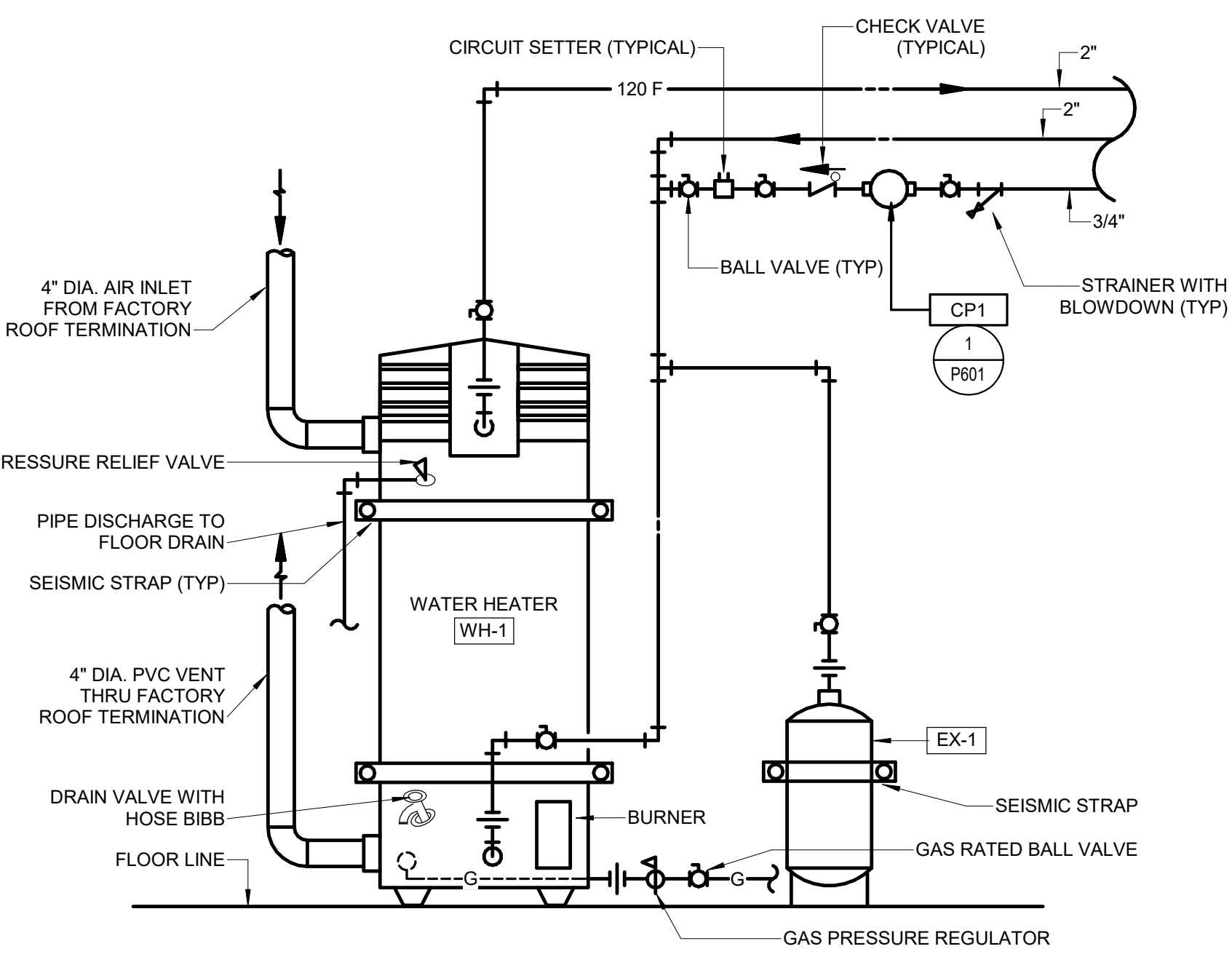
CLEANOUT AT URINAL DETAIL
SCALE: NTS



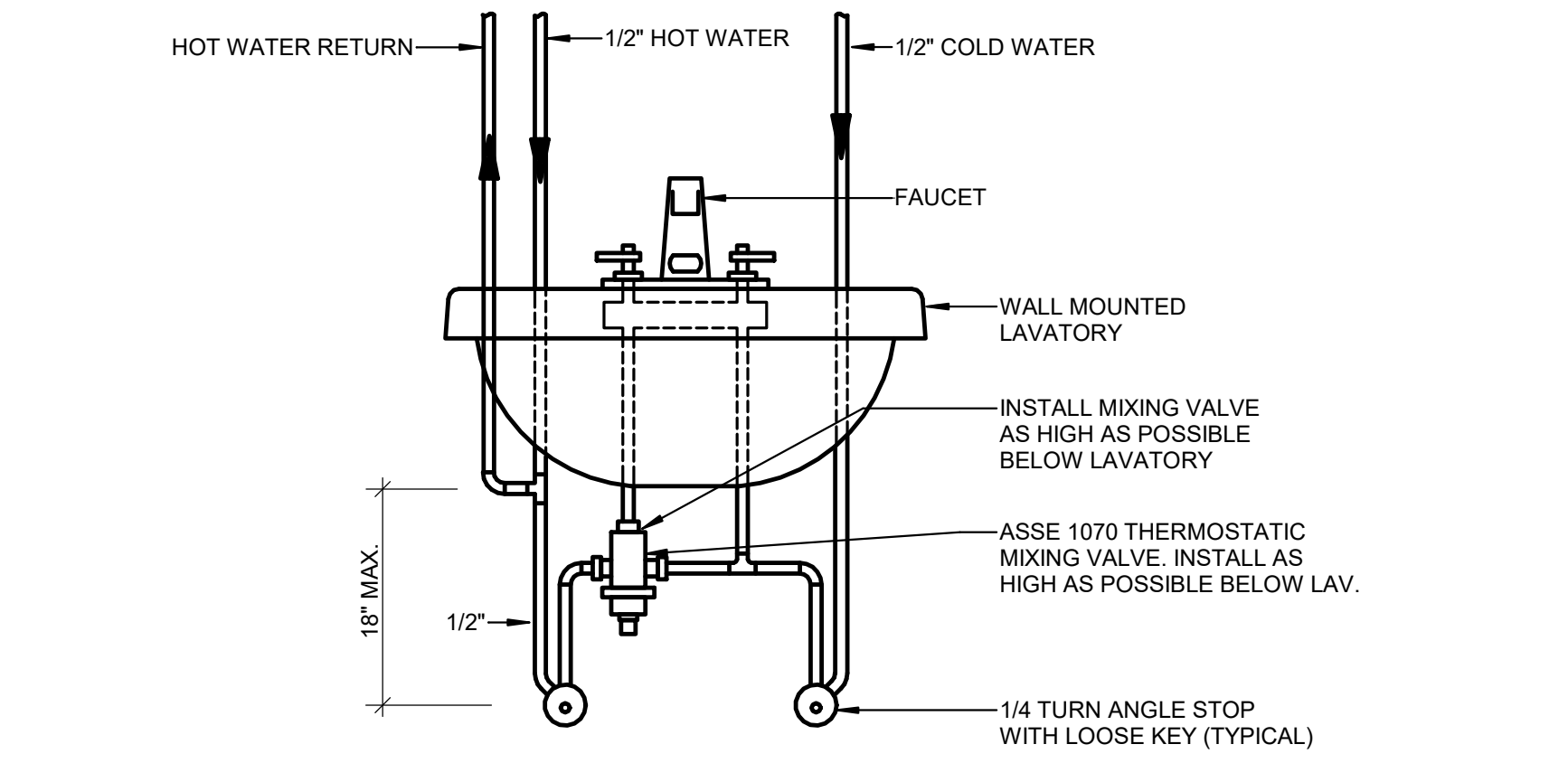
PIPE THRU ROOF PENETRATION DETAIL
SCALE: NTS



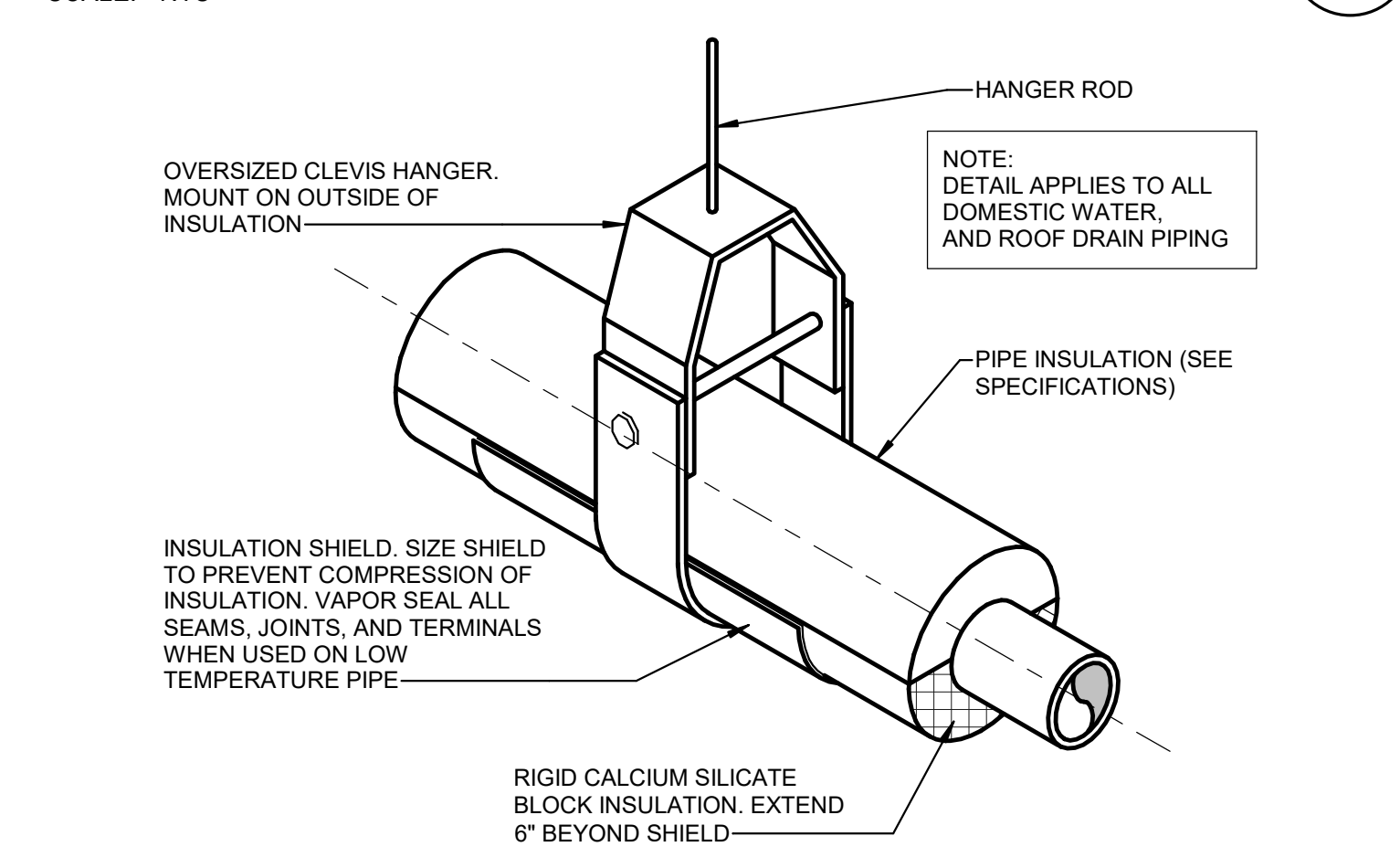
PIPE HANGER DETAIL
SCALE: NTS



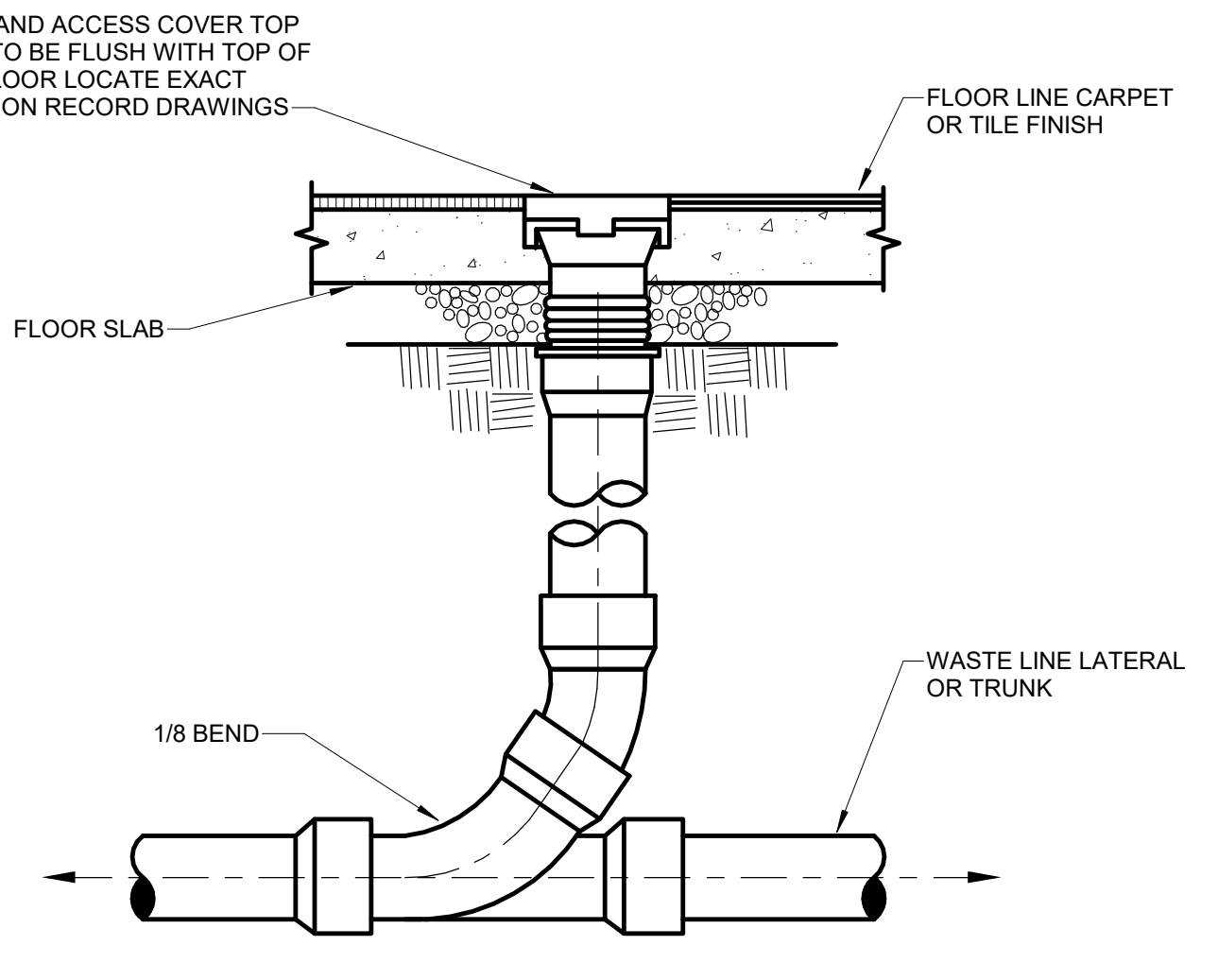
GAS FIRED WATER HEATER DETAIL
SCALE: NTS



PUBLIC LAVATORY PIPING DETAIL
SCALE: NTS

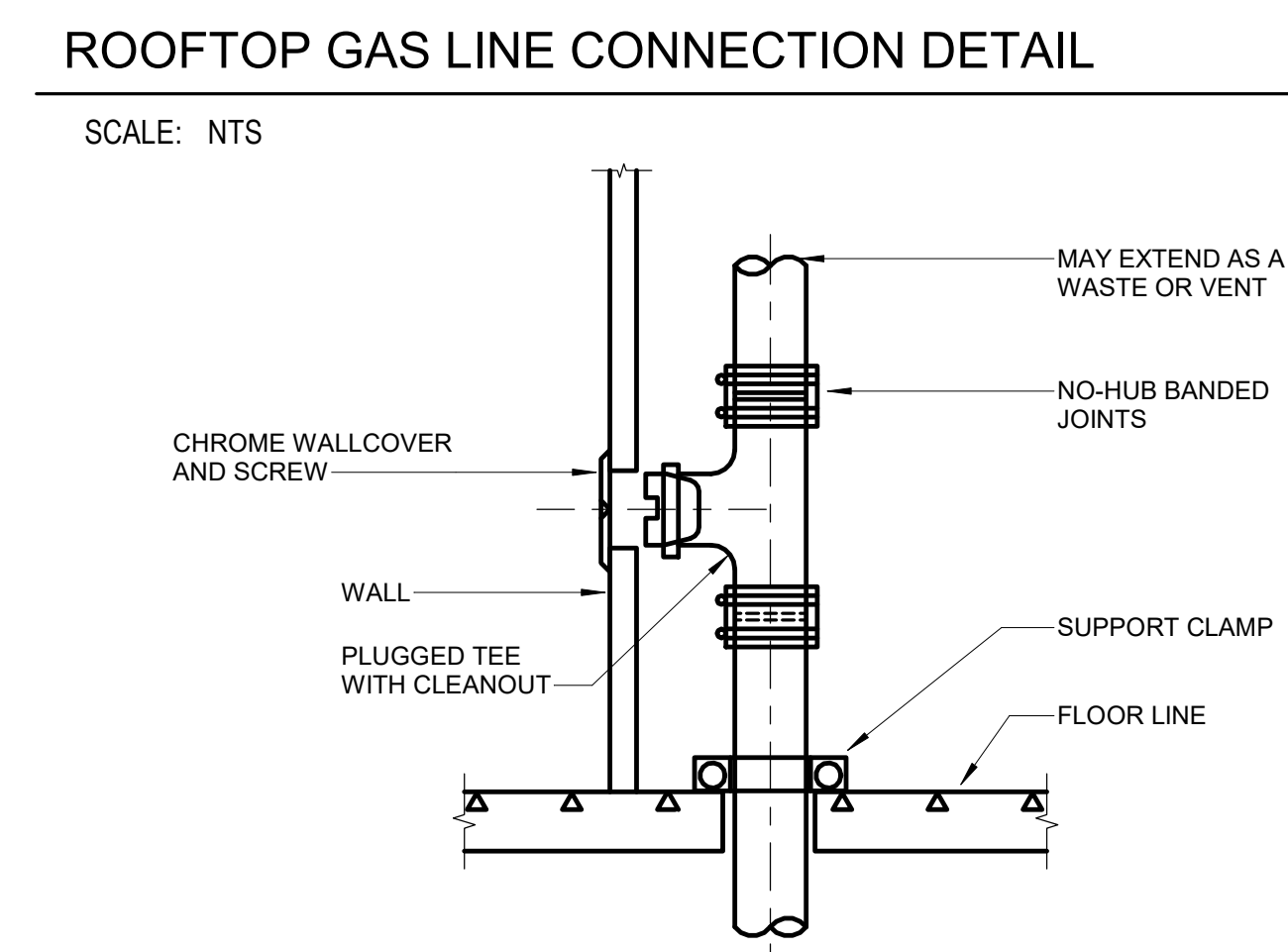
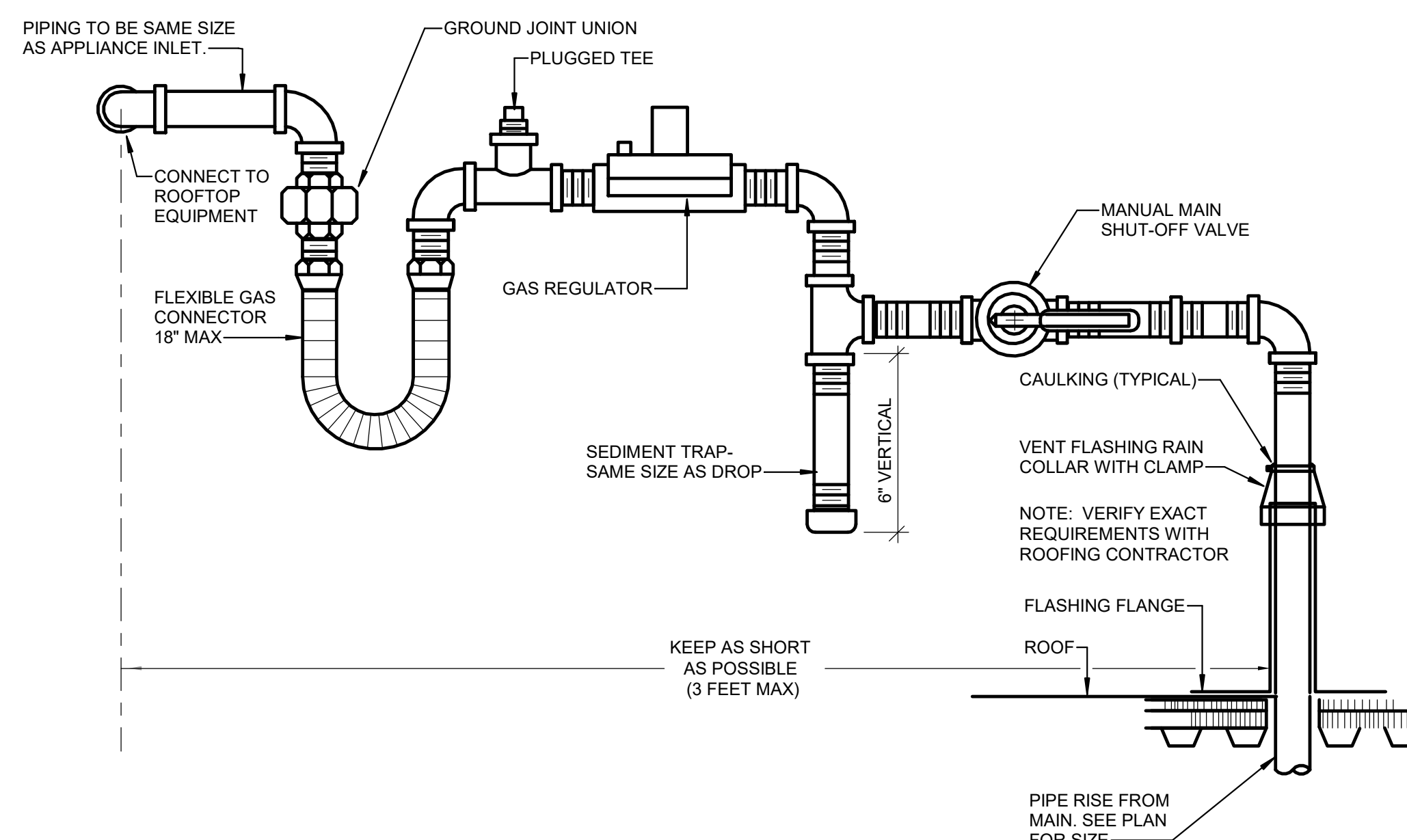
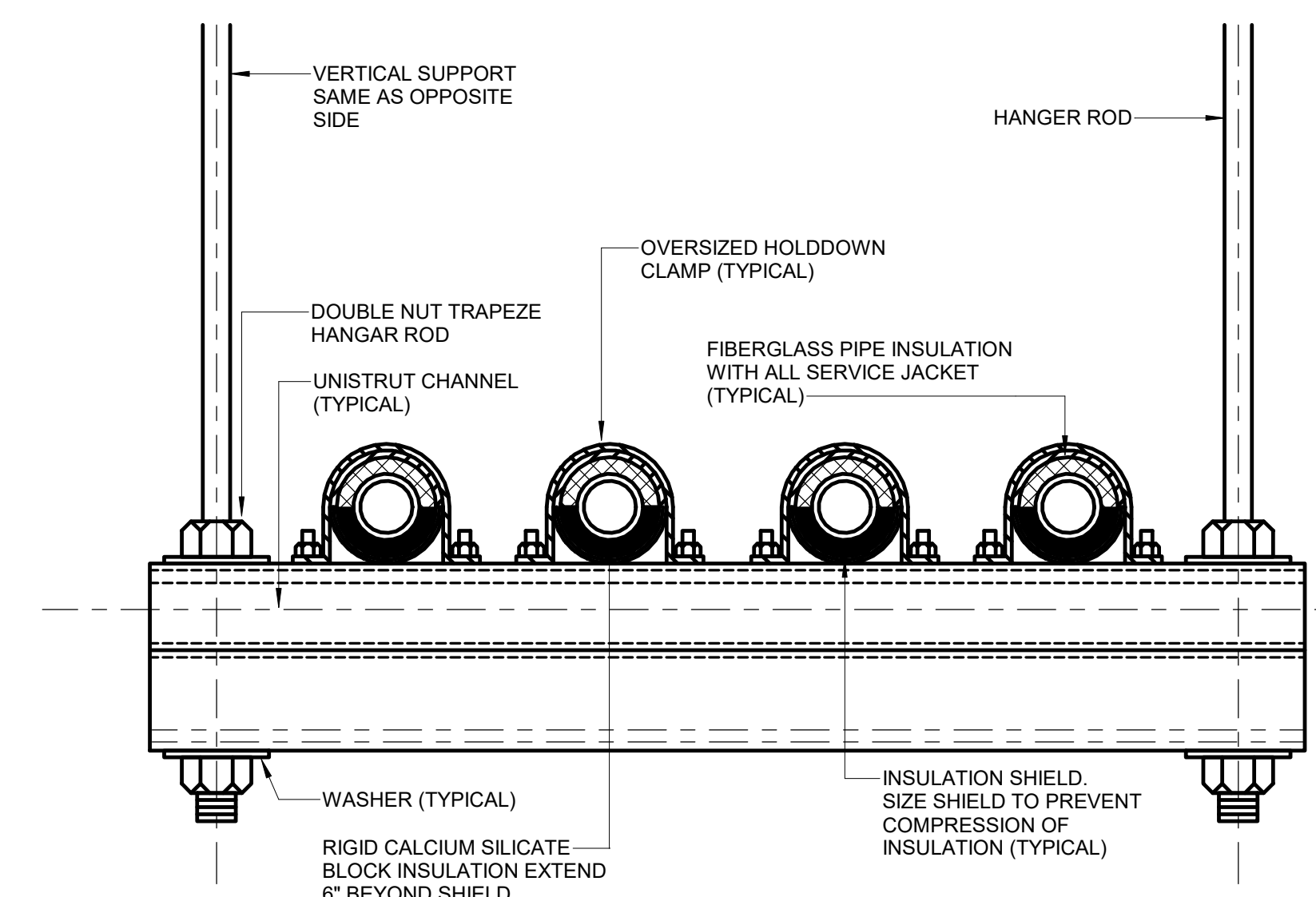
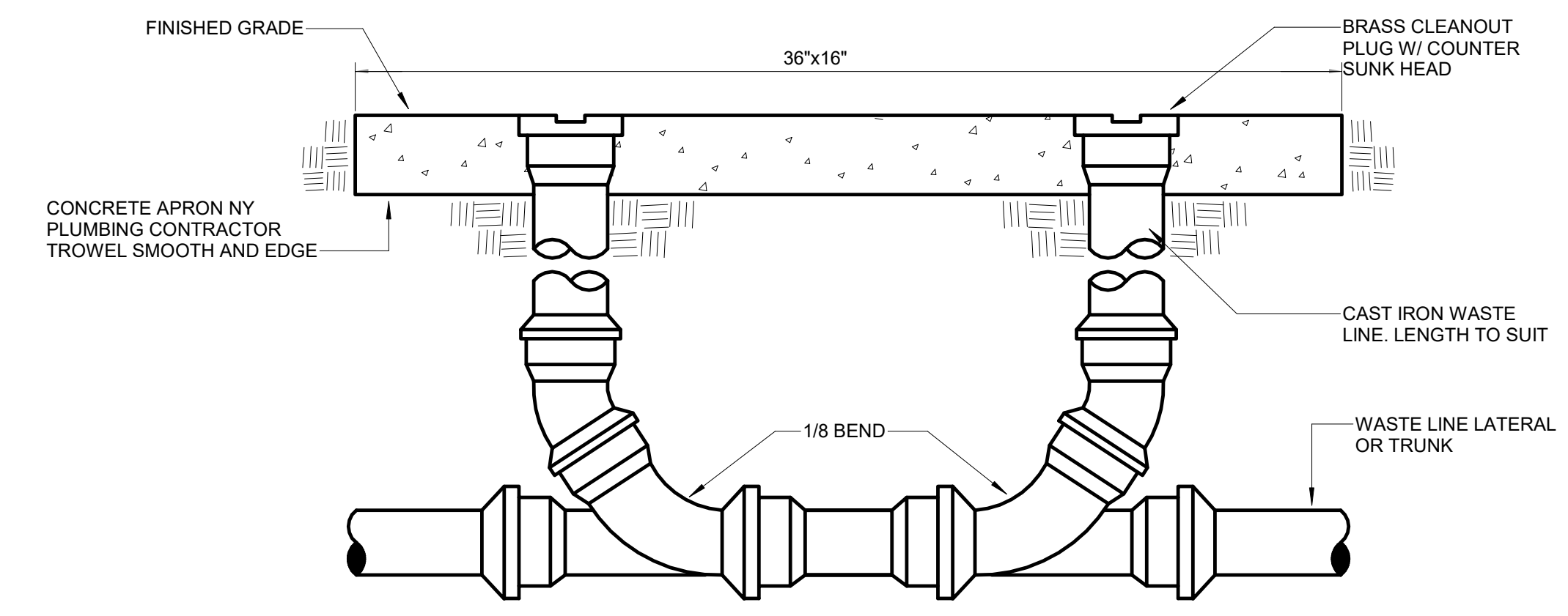
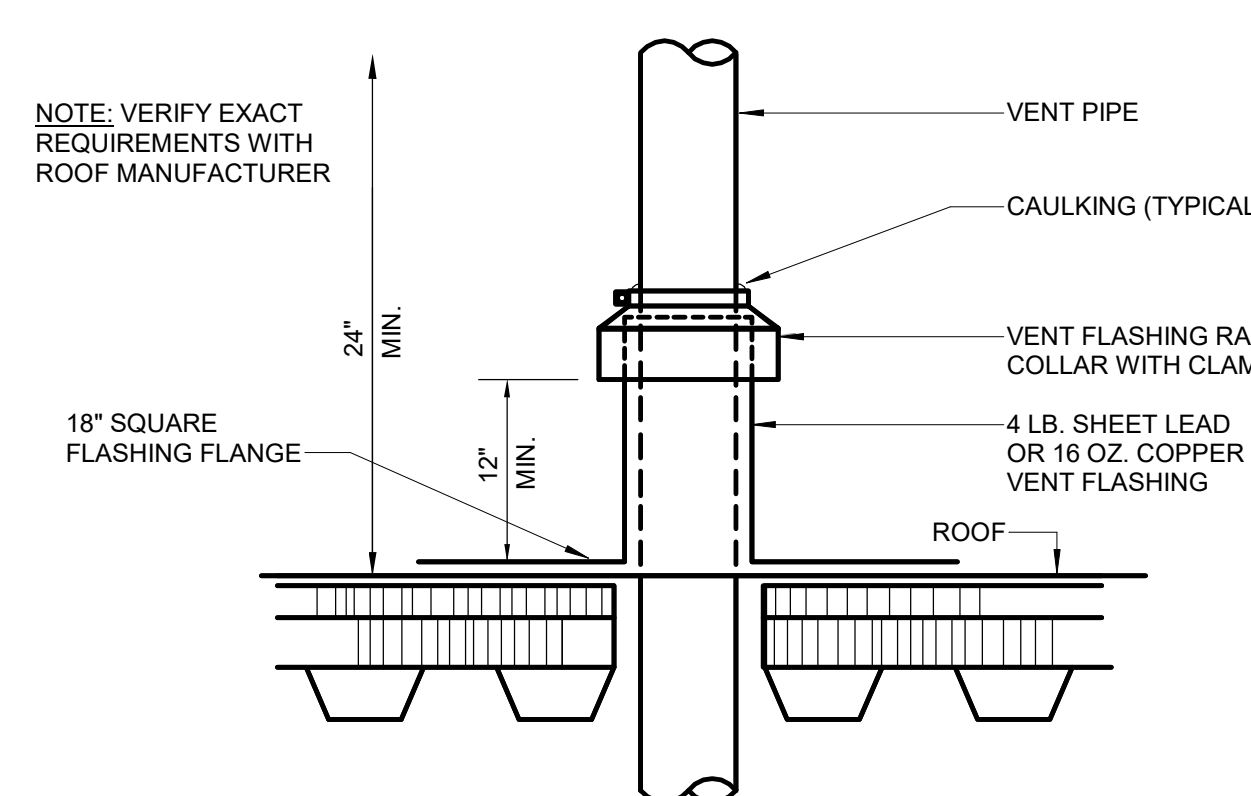
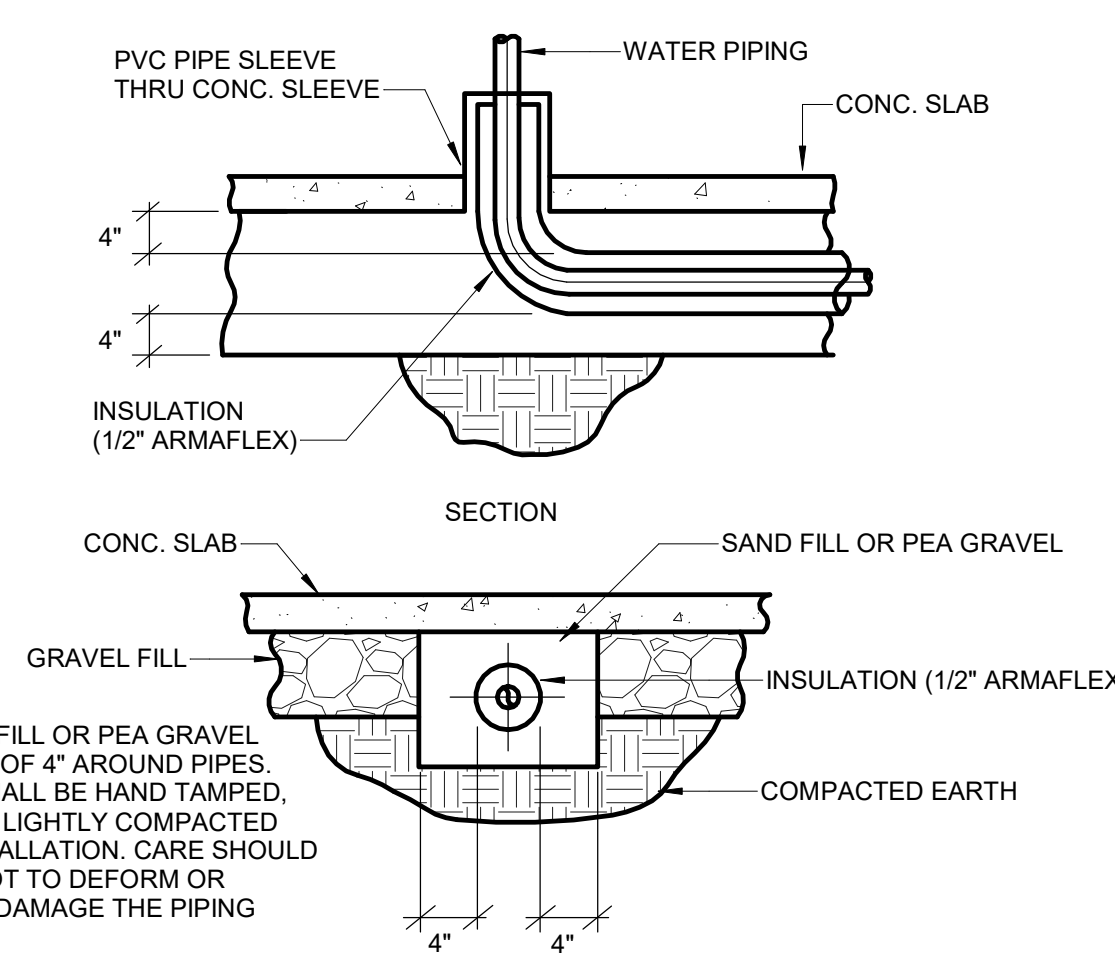
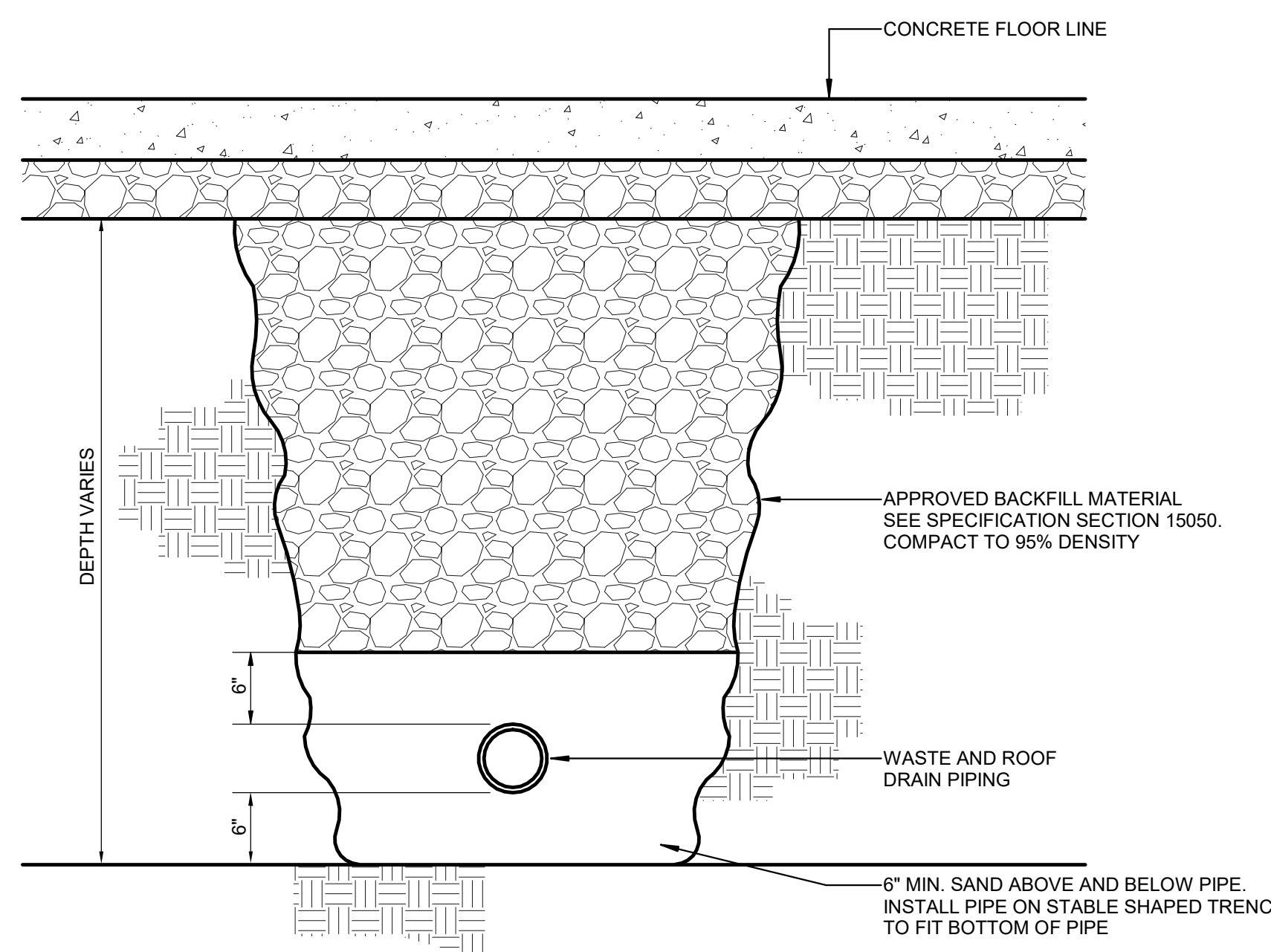
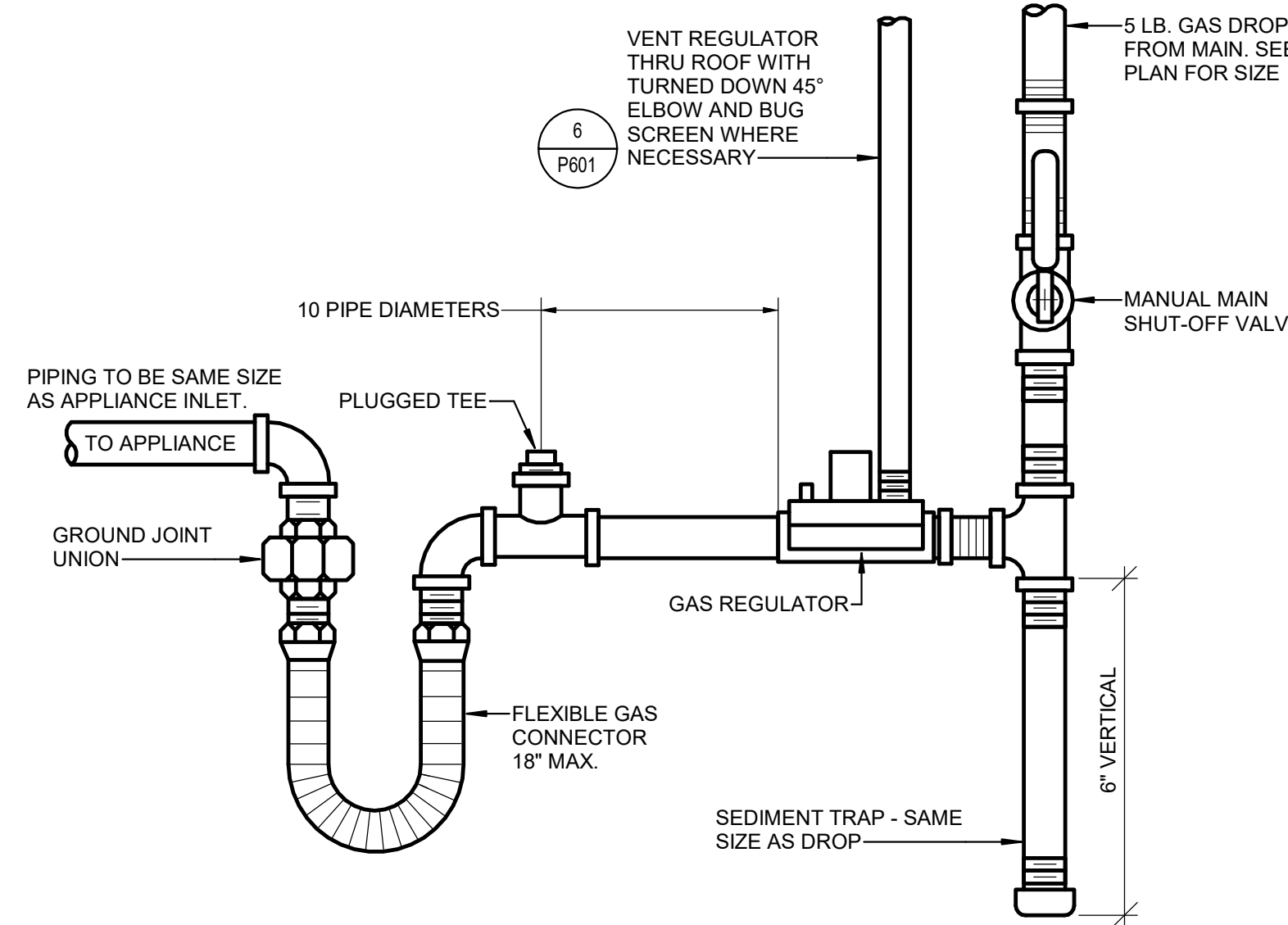
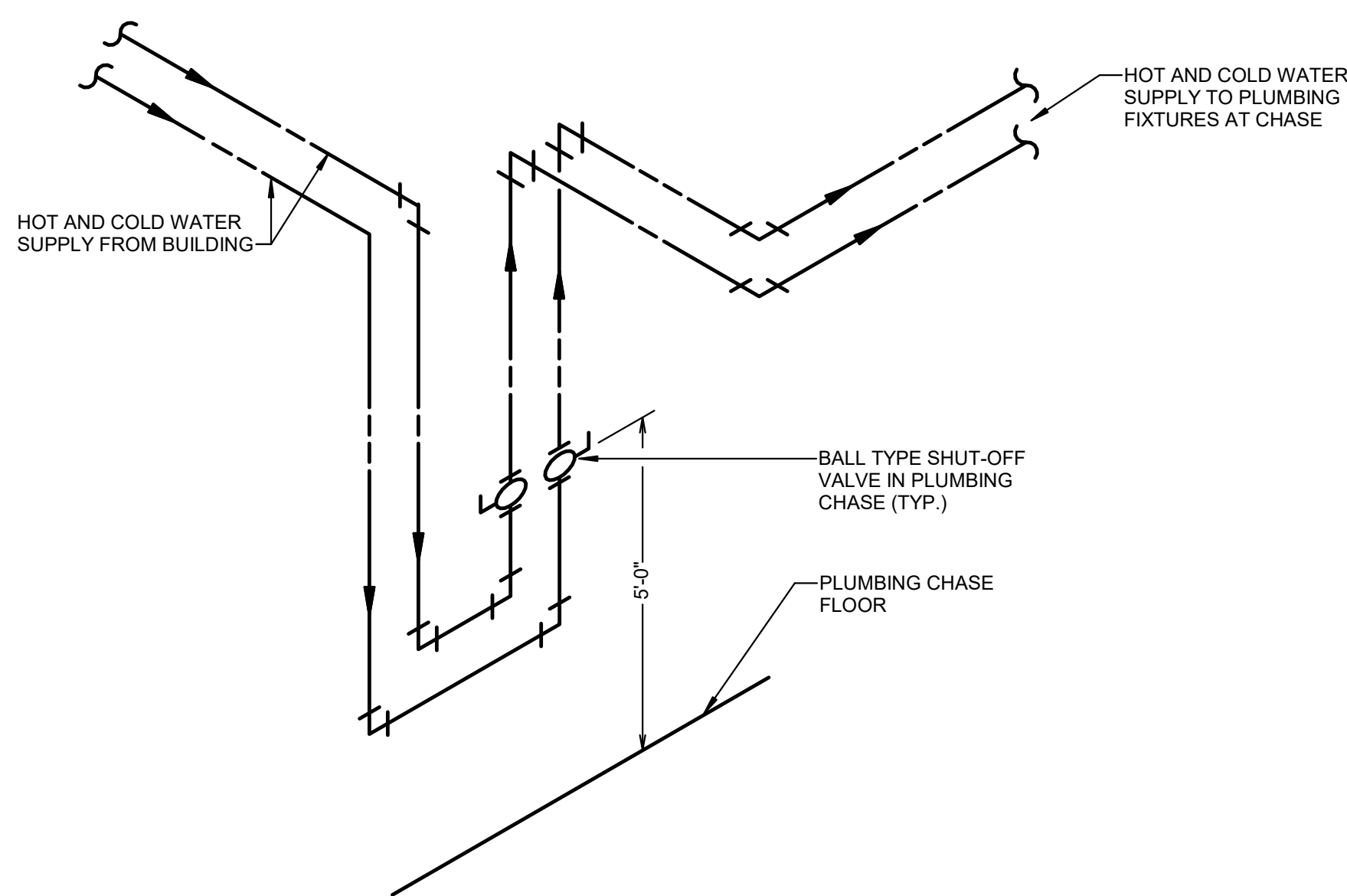
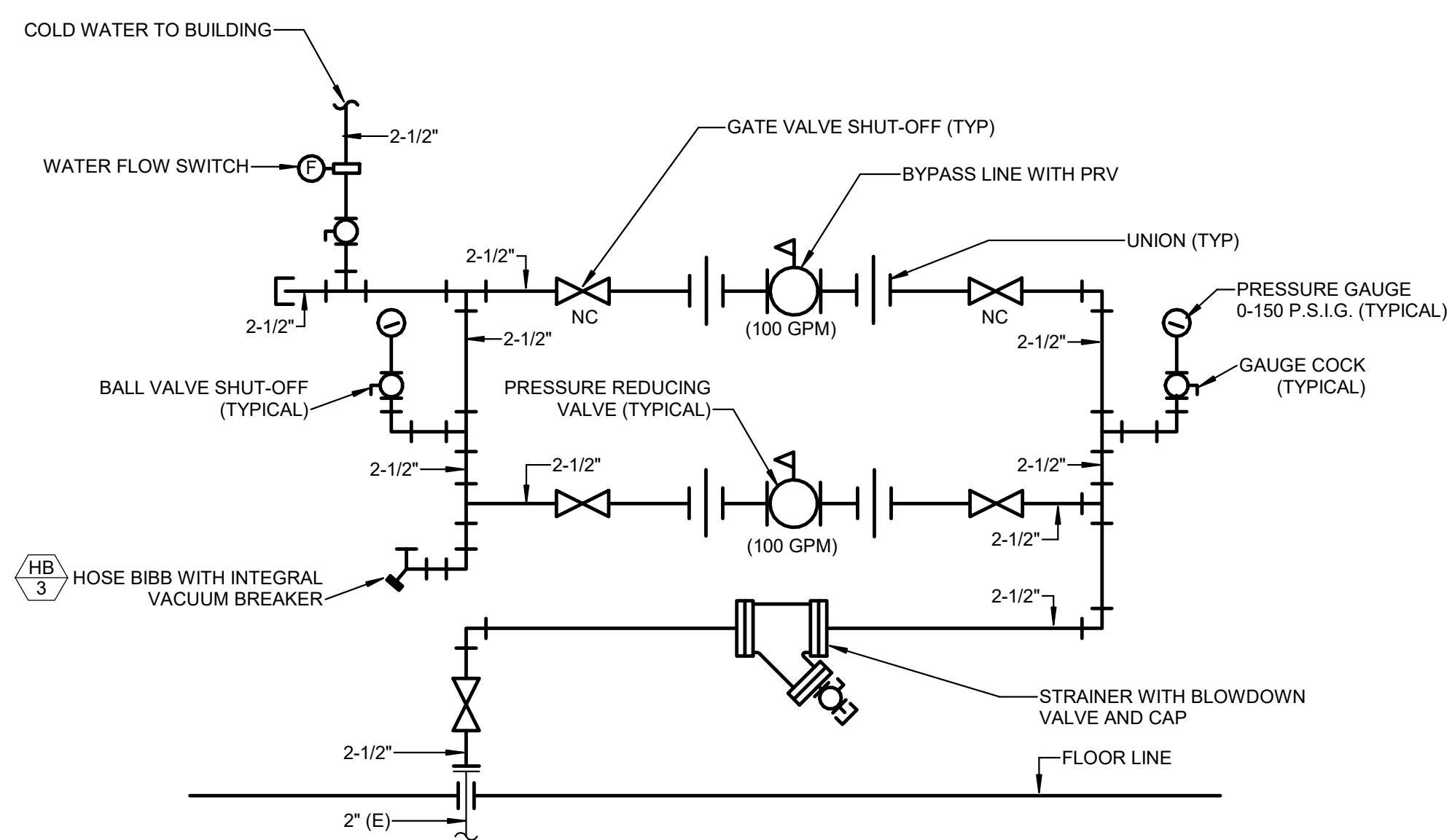
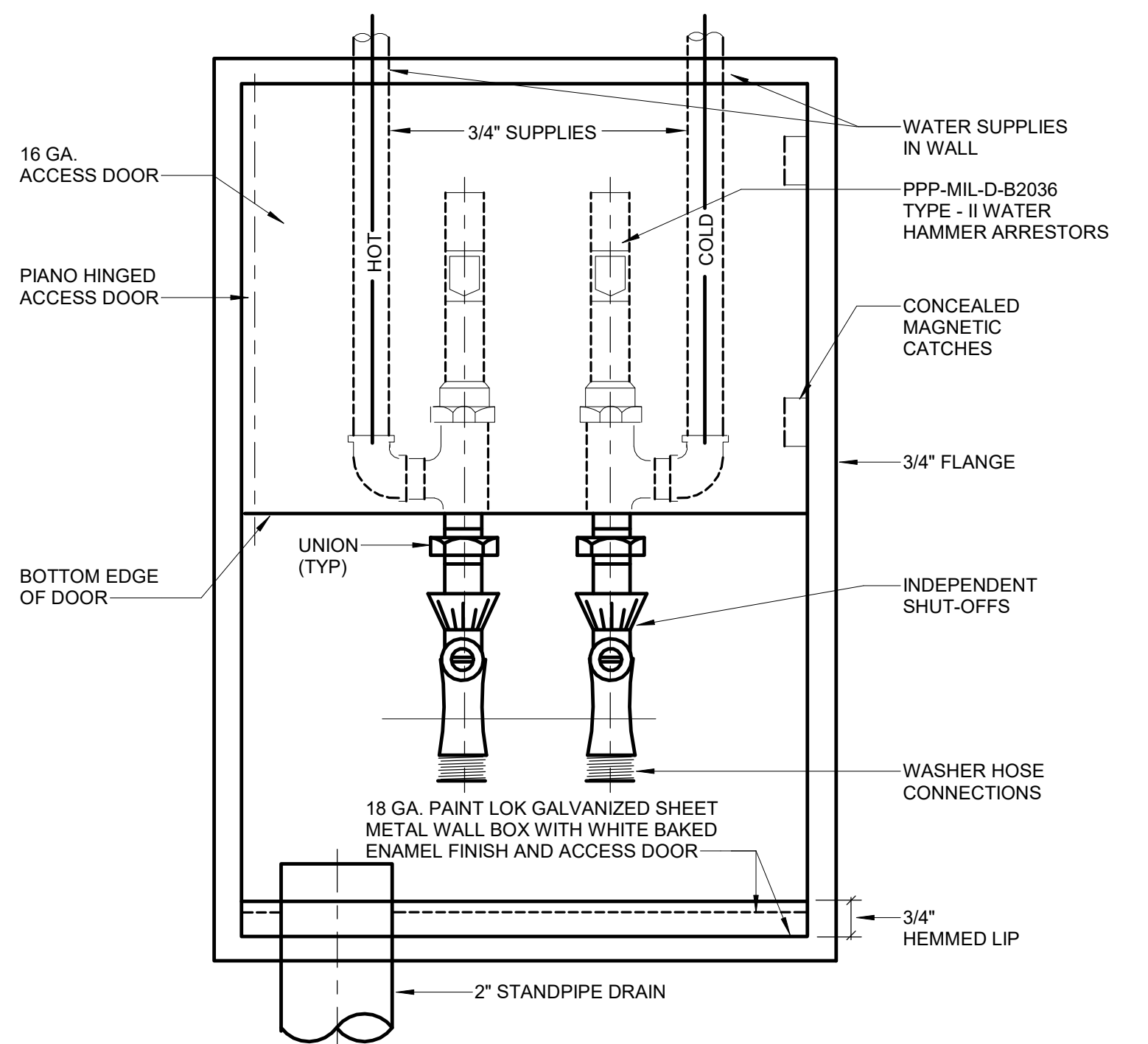


PIPE SUPPORT DETAIL (PLUMBING)
SCALE: NTS



FLOOR CLEANOUT DETAIL
SCALE: NTS

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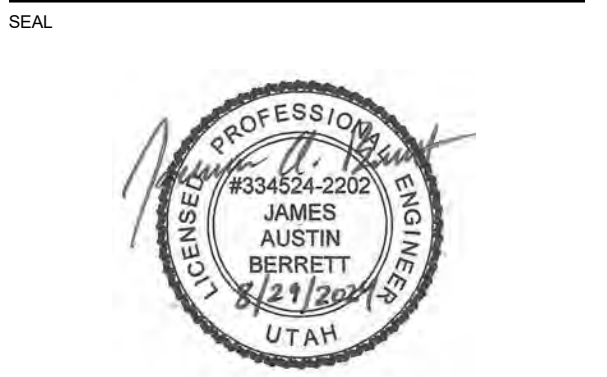


NO.	DATE	DESCRIPTION



JORDAN SCHOOL DISTRICT
JORDAN LEARNING CENTER
3706 WEST 9800 SOUTH
SOUTH JORDAN, UT 84009

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MHTN PROJECT NO. 2024528

Original Drawing is 36 x 42. Do not scale contents of this drawing.
REVISIONS:
CONTRACTOR TO VERIFY DRAWINGS IN FIELD. USE REFLECT LAST REVISION DATE.

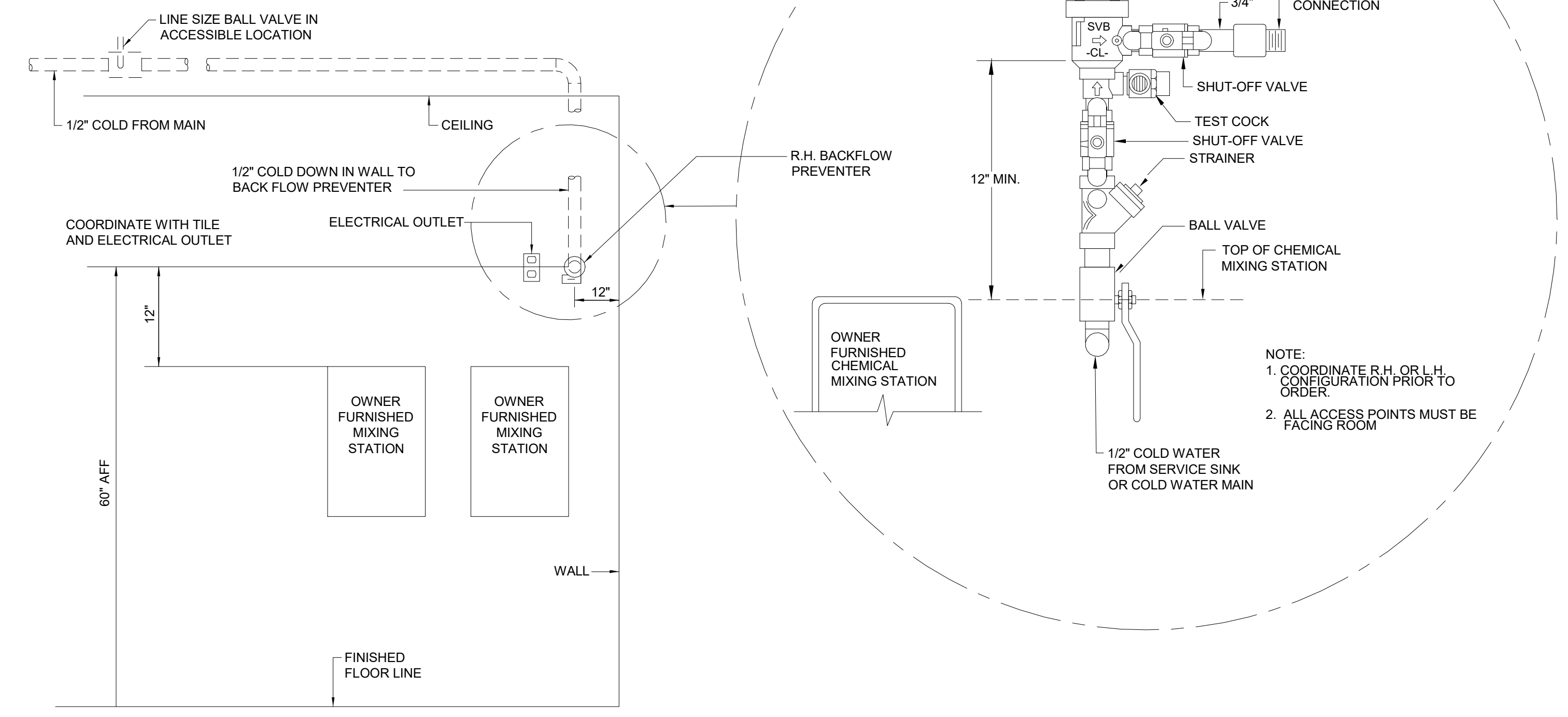
NO.	DATE	DESCRIPTION

ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

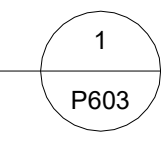
SHEET NAME
PLUMBING DETAILS

SHEET NUMBER
P603

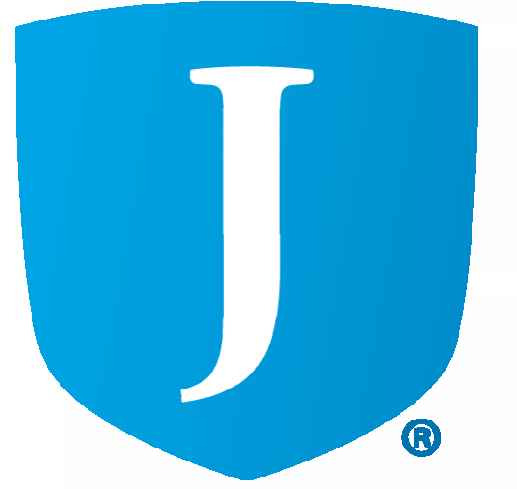
- NOTES:
- INSTALL BACK FLOW PREVENTER ON WALL OPPOSITE SS-1 FAUCET ADJACENT TO ELECTRICAL OUTLET.
 - INSTALL BACK FLOW PREVENTER 6" OFF WALL.
 - INSTALL BACK FLOW PREVENTER 60" AFF AND 12" ABOVE TOP OF MIXING STATION.



ANTI-SIPHON SPILL-RESISTANT BACK FLOW PREVENTER DETAIL
NOT TO SCALE



AutoPlot Date: 2024/08/28 10:45:28 AM Plot File: R:\2024\JSD Retail Remodel\MECH\PLUMBING Details\Remodel.rvt



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SEAL



MHTN PROJECT NO: 2024528

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REVISIONS:
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LAST REVISION DATE

NO.	DATE	DESCRIPTION

ISSUE

CONSTRUCTION DOCUMENTS

AUGUST 29, 2024

SHEET NAME

OVERALL FIRE PROTECTION PLAN

SHEET NUMBER

FP101

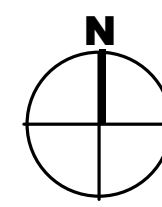
GENERAL NOTE
ALL COVER PLATE FINISHES ON FULL CONCEALED HEADS ARE TO BE COORDINATE WITH ARCHITECT PRIOR TO INSTALL. SUBMIT SAMPLES TO ARCHITECT PRIOR TO ORDERING.

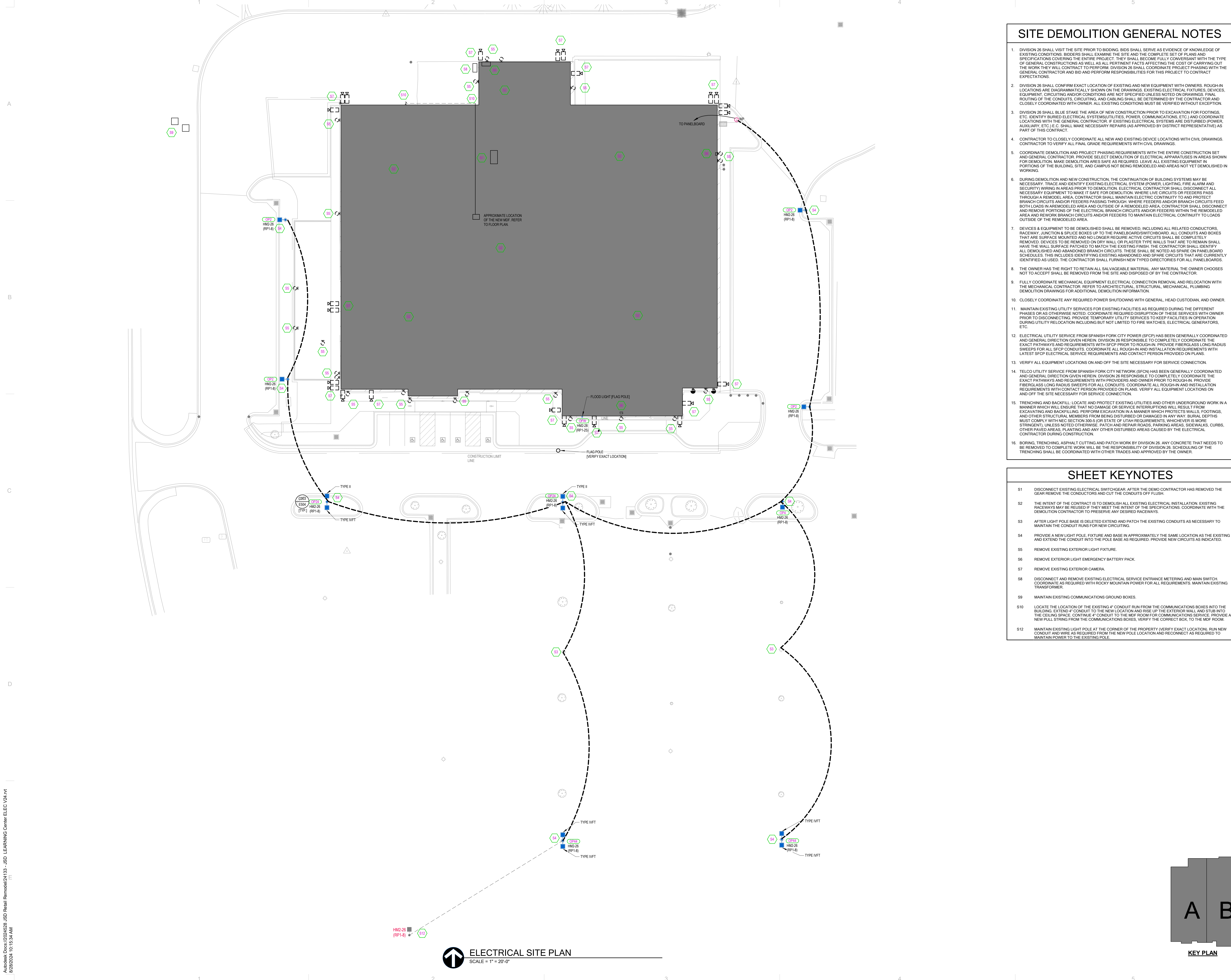
REFERENCE NOTES

- UPDATE EXISTING FIRE RISER AS REQUIRED BY NFPA
- PROVIDE KNOXCAPS AT EXISTING FIRE DEPARTMENT CONNECTION.
- ELECTRICAL SERVICE OR DATA STORAGE ROOM TRANSITING FIRE PROTECTION, PIPING OVER OR THROUGH THIS AREA IS PROHIBITED.
- CLOUD CEILINGS. VERIFY WITH ARCHITECTURAL PLANS FOR ALL LOCATIONS. PROVIDE SPRINKLER PROTECTION ABOVE & BELOW CEILING CLOUDS AS REQUIRED BY NFPA. ALL HEADS LOCATED IN CEILING CLOUD ARE TO BE RIGIDLY PIPED, NO FLEX HOSE WILL BE ACCEPTABLE.
- SKYLIGHT. PROVIDE SIDEWALL HEAD AS REQUIRED BY NFPA COORDINATE WITH ARCHITECTURAL PLANS.
- ARCHITECTURAL CEILING BAFFLES PROVIDE FIRE PROTECTION AS REQUIRED BY NFPA.
- CONTRACTOR TO TIE INTO AUDIOLOGY BOOTH. COORDINATE WITH BOOTH MANUFACTURER FOR REQUIREMENTS.



1 LEVEL 1 FIRE PROTECTION PLAN
SCALE: 1/8" = 1'-0"



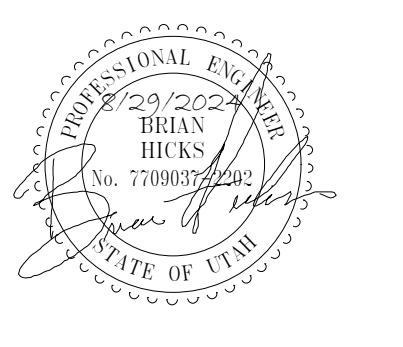


SITE DEMOLITION GENERAL NOTES

1. DIVISION 26 SHALL VISIT THE SITE PRIOR TO BIDDING. BIDS SHALL SERVE AS EVIDENCE OF KNOWLEDGE OF EXISTING CONDITIONS. BIDDERS SHALL EXAMINE THE SITE AND THE COMPLETE SET OF PLANS AND SPECIFICATIONS COVERING THE ENTIRE PROJECT. THEY SHALL BECOME FULLY CONVERSANT WITH THE TYPE OF GENERAL CONSTRUCTION AS WELL AS ALL PERTINENT FACTS AFFECTING THE COST OF CARRYING OUT THE WORK. THEY WILL CONTRACT TO PERFORM. DIVISION 26 SHALL COORDINATE PROJECT PHASING WITH THE GENERAL CONTRACTOR AND BID AND PERFORM RESPONSIBILITIES FOR THIS PROJECT TO CONTRACTOR EXPECTATIONS.
2. DIVISION 26 SHALL CONFIRM EXACT LOCATION OF EXISTING AND NEW EQUIPMENT WITH OWNERS. ROUGH-IN LOCATIONS ARE DIAGRAMMATICALLY SHOWN ON THE DRAWINGS. EXISTING ELECTRICAL FIXTURES, DEVICES, EQUIPMENT, CIRCUITING AND/OR CONDITIONS ARE NOT SPECIFIED UNLESS NOTED ON DRAWINGS. FINAL ROUTING OF THE CONDUITS, CIRCUITING, AND CABLING SHALL BE DETERMINED BY THE CONTRACTOR AND CLOSELY COORDINATED WITH OWNER. ALL EXISTING CONDITIONS MUST BE VERIFIED WITHOUT EXCEPTION.
3. DIVISION 26 SHALL BLUE STAKE THE AREA OF NEW CONSTRUCTION PRIOR TO EXCAVATION FOR FOOTINGS, ETC. IDENTIFY BURIED ELECTRICAL SYSTEMS UTILITIES, POWER, COMMUNICATIONS, ETC. AND COORDINATE LOCATIONS WITH THE GENERAL CONTRACTOR. IF EXISTING ELECTRICAL SYSTEMS ARE DISTURBED (POWER, AUXILIARY, ETC.) E.G. SHALL MAKE NECESSARY REPAIRS (AS APPROVED BY DISTRICT REPRESENTATIVE) AS PART OF THIS CONTRACT.
4. CONTRACTOR TO CLOSELY COORDINATE ALL NEW AND EXISTING DEVICE LOCATIONS WITH CIVIL DRAWINGS. CONTRACTOR TO VERIFY ALL FINAL GRADE REQUIREMENTS WITH CIVIL DRAWINGS.
5. COORDINATE DEMOLITION AND PROJECT PHASING REQUIREMENTS WITH THE ENTIRE CONSTRUCTION SET AND GENERAL CONTRACTOR. PROVIDE SELECT DEMOLITION OF ELECTRICAL APPARATUS IN AREAS SHOWN FOR DEMOLITION. MAKE DEMOLITION AREAS SAFE AS REQUIRED. LEAVE ALL EXISTING EQUIPMENT IN PORTIONS OF THE BUILDING, SITE, AND CAMPUS NOT BEING REMODELED AND AREAS NOT YET DEMOLISHED IN WORKING.
6. DURING DEMOLITION AND NEW CONSTRUCTION, THE CONTINUATION OF BUILDING SYSTEMS MAY BE NECESSARY. TRACE AND IDENTIFY EXISTING ELECTRICAL SYSTEM (POWER, LIGHTING, FIRE ALARM AND SECURITY WIRING IN AREAS PRIOR TO DEMOLITION. ELECTRICAL CONTRACTOR SHALL DISCONNECT ALL NECESSARY EQUIPMENT TO MAKE IT SAFE FOR DEMOLITION. WHERE LIVE CIRCUITS OR FEEDERS PASS THROUGH A REMODEL AREA, CONTRACTOR SHALL MAINTAIN ELECTRIC CONTINUITY TO AND PROTECT BRANCH CIRCUITS AND/OR FEEDERS PASSING THROUGH. WHERE FEEDERS AND/OR BRANCH CIRCUITS FEED BOTH LOANS IN ARE MOVED AREA AND OUTSIDE OF A REMODELED AREA, CONTRACTOR SHALL DISCONNECT AND REMOVE PORTIONS OF THE ELECTRICAL BRANCH CIRCUITS AND/OR FEEDERS WITHIN THE REMODELED AREA AND REWORK BRANCH CIRCUITS AND/OR FEEDERS TO MAINTAIN ELECTRICAL CONTINUITY TO LOADS OUTSIDE OF THE REMODELED AREA.
7. DEVICES & EQUIPMENT TO BE DEMOLISHED SHALL BE REMOVED, INCLUDING ALL RELATED CONDUCTORS, RACEWAY, JUNCTION & SPLICE BOXES UP TO THE PANELBOARDS/SWITCHBOARD. ALL CONDUITS AND BOXES THAT ARE SURFACE MOUNTED AND DO NOT REQUIRE EXISTING CIRCUITS SHALL BE COMPLETELY REMOVED. DEVICES TO BE REMOVED ON DRY WALL OR PLASTER TYPE WALLS THAT ARE TO REMAIN SHALL HAVE THE WALL SURFACE PATCHED TO MATCH THE EXISTING FINISH. THE CONTRACTOR SHALL IDENTIFY ALL DEMOLISHED AND ABANDONED BRANCH CIRCUITS. THESE SHALL BE NOTED AS SPARE ON PANELBOARD SCHEDULES. THIS INCLUDES IDENTIFYING EXISTING ABANDONED AND SPARE CIRCUITS THAT ARE CURRENTLY IDENTIFIED AS USED. THE CONTRACTOR SHALL FURNISH NEW TYPED DIRECTORIES FOR ALL PANELBOARDS.
8. THE OWNER HAS THE RIGHT TO RETAIN ALL SALVAGEABLE MATERIAL. ANY MATERIAL THE OWNER CHOOSES NOT TO ACCEPT SHALL BE REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR.
9. FULLY COORDINATE MECHANICAL EQUIPMENT ELECTRICAL CONNECTION REMOVAL AND RELOCATION WITH THE MECHANICAL CONTRACTOR. REFER TO ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING DEMOLITION DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION.
10. CLOSELY COORDINATE ANY REQUIRED POWER SHUTDOWNS WITH GENERAL, HEAD CUSTODIAN, AND OWNER.
11. MAINTAIN EXISTING UTILITY SERVICES FOR EXISTING FACILITIES AS REQUIRED DURING THE DIFFERENT PHASES OR AS OTHERWISE NOTED. COORDINATE REQUIRED DISRUPTION OF THESE SERVICES WITH OWNER PRIOR TO DISCONNECTING. PROVIDE TEMPORARY UTILITY SERVICES TO KEEP FACILITIES IN OPERATION DURING UTILITY RELOCATION INCLUDING BUT NOT LIMITED TO FIRE WATCHES, ELECTRICAL GENERATORS, ETC.
12. ELECTRICAL UTILITY SERVICE FROM SPANISH FORK CITY POWER (SFOP) HAS BEEN GENERALLY COORDINATED AND GENERAL DIRECTION GIVEN HEREIN. DIVISION 26 RESPONSIBLE TO COMPLETELY COORDINATE THE EXACT PATHWAYS AND REQUIREMENTS WITH SFOP PRIOR TO ROUGH-IN. PROVIDE FIBERGLASS LONG RADIUS SWEEPS FOR ALL SFOP CONDUITS. COORDINATE ALL ROUGH-IN AND INSTALLATION REQUIREMENTS WITH LATEST SFOP ELECTRICAL SERVICE REQUIREMENTS AND CONTACT PERSON PROVIDED ON PLANS.
13. VERIFY ALL EQUIPMENT LOCATIONS ON AND OFF THE SITE NECESSARY FOR SERVICE CONNECTION.
14. TELCO UTILITY SERVICE FROM SPANISH FORK CITY NETWORK (SFCN) HAS BEEN GENERALLY COORDINATED AND GENERAL DIRECTION GIVEN HEREIN. DIVISION 26 RESPONSIBLE TO COMPLETELY COORDINATE THE EXACT PATHWAYS AND REQUIREMENTS WITH PROVIDERS AND OWNER PRIOR TO ROUGH-IN. PROVIDE FIBERGLASS LONG RADIUS SWEEPS FOR ALL CONDUITS. COORDINATE ALL ROUGH-IN AND INSTALLATION REQUIREMENTS WITH CONTACT PERSON PROVIDED ON PLANS. VERIFY ALL EQUIPMENT LOCATIONS ON AND OFF THE SITE NECESSARY FOR SERVICE CONNECTION.
15. TRENCHING AND BACKFILL. LOCATE AND PROTECT EXISTING UTILITIES AND OTHER UNDERGROUND WORK IN A MANNER WHICH WILL ENSURE THAT NO DAMAGE OR SERVICE INTERRUPTIONS WILL RESULT FROM EXCAVATING AND BACKFILLING. PERFORM EXCAVATION IN A MANNER WHICH PROTECTS WALLS, FOOTINGS, AND OTHER STRUCTURAL MEMBERS FROM BEING DISTURBED OR DAMAGED IN ANY WAY. BURIAL DEPTHS MUST COMPLY WITH NEC SECTION 90.5 (S) OR STATE OF UTAH REQUIREMENTS, WHICHEVER IS MORE STRINGENT. UNLESS NOTED OTHERWISE, PATCH AND REPAIR ROADS, PARKING AREAS, SIDEWALKS, CURBS, OTHER PAVED AREAS, PLANTING AND ANY OTHER DISTURBED AREAS CAUSED BY THE ELECTRICAL CONTRACTOR DURING CONSTRUCTION.
16. BORING, TRENCHING, ASPHALT CUTTING AND PATCH WORK BY DIVISION 26. ANY CONCRETE THAT NEEDS TO BE REMOVED TO COMPLETE WORK WILL BE THE RESPONSIBILITY OF DIVISION 26. SCHEDULING OF THE TRENCHING SHALL BE COORDINATED WITH OTHER TRADES AND APPROVED BY THE OWNER.

SHEET KEYNOTES

- S1 DISCONNECT EXISTING ELECTRICAL SWITCHGEAR. AFTER THE DEMO CONTRACTOR HAS REMOVED THE GEAR REMOVE THE CONDUCTORS AND CUT THE CONDUITS OFF FLUSH.
- S2 THE INTENT OF THE CONTRACT IS TO DEMOLISH ALL EXISTING ELECTRICAL INSTALLATION. EXISTING RACEWAYS MAY BE REUSED IF THEY MEET THE INTENT OF THE SPECIFICATIONS. COORDINATE WITH THE DEMOLITION CONTRACTOR TO PRESERVE ANY DESIRED RACEWAYS.
- S3 AFTER LIGHT POLE BASE IS DELETED EXTEND AND PATCH THE EXISTING CONDUITS AS NECESSARY TO MAINTAIN THE CONDUIT RUNS FOR NEW CIRCUITING.
- S4 PROVIDE A NEW LIGHT POLE, FIXTURE AND BASE IN APPROXIMATELY THE SAME LOCATION AS THE EXISTING AND EXTEND THE CONDUIT INTO THE POLE BASE AS REQUIRED. PROVIDE NEW CIRCUITS AS INDICATED.
- S5 REMOVE EXISTING EXTERIOR LIGHT FIXTURE.
- S6 REMOVE EXISTING EXTERIOR LIGHT EMERGENCY BATTERY PACK.
- S7 REMOVE EXISTING EXTERIOR CAMERA.
- S8 DISCONNECT AND REMOVE EXISTING ELECTRICAL SERVICE ENTRANCE METERING AND MAIN SWITCH. COORDINATE AS REQUIRED WITH ROCKY MOUNTAIN POWER FOR ALL REQUIREMENTS. MAINTAIN EXISTING TRANSFORMER.
- S9 MAINTAIN EXISTING COMMUNICATIONS GROUND BOXES.
- S10 LOCATE THE LOCATION OF THE EXISTING 4" CONDUIT RUN FROM THE COMMUNICATIONS BOXES INTO THE BUILDING. EXTEND 4" CONDUIT TO THE NEW LOCATION AND RISE UP THE EXTERIOR WALL AND STUB INTO THE CEILING SPACE. CONTINUE 4" CONDUIT TO THE MDF ROOM FOR COMMUNICATIONS SERVICE. PROVIDE A NEW FULL STRING FROM THE COMMUNICATIONS ROOMS. VERIFY THE CORRECT BOX TO THE MDF ROOM.
- S12 MAINTAIN EXISTING LIGHT POLE AT THE CORNER OF THE PROPERTY (VERIFY EXACT LOCATION). RUN NEW CONDUIT AND WIRE AS REQUIRED FROM THE NEW POLE LOCATION AND RECONNECT AS REQUIRED TO MAINTAIN POWER TO THE EXISTING POLE.



MHTN PROJECT NO. 2024528

Original Drawing is 30" x 42". Do not scale contents of this drawing.

REVISIONS

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NO.	DATE	DESCRIPTION

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August 29, 2024

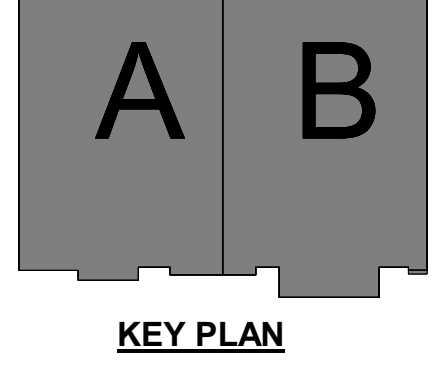
SHEET NAME

ELECTRICAL SITE PLAN

SHEET NUMBER

E101

ELECTRICAL SITE PLAN
 SCALE = 1" = 20'-0"



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**JORDAN SCHOOL DISTRICT
JORDAN LEARNING CENTER
3706 WEST 9800 SOUTH
SOUTH JORDAN, UT 84009**

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MHTN PROJECT NO: 2024528

Original Drawing is 36" x 42". Do not scale contents of the drawing.

NO.	DATE	DESCRIPTION

ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME
**FIRST FLOOR
LIGHTING PLAN
AREA A**

SHEET NUMBER
E211A

LIGHTING GENERAL SHEET NOTES

- DEVICE HEIGHTS SHOWN FOR REFERENCE ONLY. CONTRACTOR TO VERIFY ALL ROUGH-IN ELEVATION HEIGHTS WITH MILLWORK SHOP DRAWINGS PRIOR TO ROUGH-IN. ROUGH-IN DEVICES 6" ABOVE DESKTOPS, COUNTERS, ETC.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR ALL FIXTURE LOCATIONS WITHIN A CEILING OR CEILING GRID FOR AREAS WITHOUT CEILINGS. FIXTURE LOCATIONS ARE DIAGRAMMATIC. THE INTENT IS TO ALIGN CENTER OR SPACE FIXTURES BETWEEN ARCHITECTURAL AND STRUCTURAL ELEMENTS. CONTRACTOR TO PAINT EXPOSED RACEWAY TO MATCH ADJACENT SURFACES.
- FIELD VERIFY EXACT FIXTURE LENGTHS FOR CONTINUOUS ILLUMINATION FOR COVES AND LINEAR RUNS. PROVIDE CONTINUOUS ILLUMINATION WITH NO MORE THAN A 1" GAP BETWEEN THE END OF THE EDGE OF THE WALL/CEILING AND THE FIXTURE.
- ELECTRICAL CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR FOR PLACEMENT OF FIXTURES WITHIN MECHANICAL ROOMS.
- ALL ROOM CONTROLLERS AND/OR POWER PACKS SHALL BE INSTALLED IN THE CEILING SPACE DIRECTLY ABOVE THE ENTRY DOOR TO THE SPACE IT IS CONTROLLING.
- ALL COVE AND SKYLIGHTS MUST BE COORDINATED WITH ARCHITECTURAL DETAILS AND GC FOR EXACT LENGTHS.
- PROVIDE UNSWITCHED NORMAL CIRCUIT HOT LEG TO ALL EMERGENCY POWER CONTROL DEVICES FOR PROPER POWER SENSING.
- PROVIDE UNSWITCHED HOT AHEAD OF RELAY, OCCUPANCY SENSOR, OR SWITCH TO ALL EXIT SIGNS.
- IF SHOWN, SUBSCRIPT NEAR LIGHT FIXTURES INDICATES CONTROL INLET. PROVIDE LIGHTING CONTROLLERS WITH THE REQUIRED NUMBER OF RELAYS/DIMMERS. PROVIDE ADDITIONAL RELAYS/DIMMERS FOR DAYLIGHT ZONES AS NEEDED.
- PROVIDE 0-10V DIMMER CONDUCTORS FOR ALL AREAS AND ROOMS WHERE 0-10V DIMMING IS INDICATED BY THE RELAY PANEL SCHEDULE. WALL STATION CONTROL SEQUENCE, OR REQUIRED BY IECC 2021.
- ALL 277V LIGHTING CIRCUITS TERMINATING AT LIGHTING CONTROL PANELS SHALL HAVE A MINIMUM LENGTH OF 20 FEET BETWEEN LIGHTING CONTROL PANEL AND BRANCH LIGHTING PANEL.
- CAREFULLY COORDINATE FIXTURE PLACEMENT WITHIN BAFFLED CEILINGS. PENDANT MOUNTED FIXTURE SHALL BE MOUNTED AT THE SAME ELEVATION AS BAFFLES. COORDINATE WITH ARCHITECTURAL RCP AND DETAILS PRIOR TO ROUGH-IN.
- PROVIDE CONDUIT FROM DEVICE TO DEVICE OR OPEN AND/OR EXPOSED CEILING. CEILING WITH CLOUDS ARE CONSIDERED OPEN EXPOSED CEILING. NO EXPOSED CABLES SHALL BE SEEN FROM BELOW.
- CAREFULLY COORDINATE FIXTURE PLACEMENT WITHIN BAFFLED CEILINGS. PENDANT MOUNTED FIXTURES SHALL BE MOUNTED AT THE SAME ELEVATION AS BAFFLES. COORDINATE WITH ARCHITECTURAL RCP AND DETAILS PRIOR TO ROUGH-IN.
- PROVIDE EXTENDED RANGE DUAL TECH. OCCUPANCY SENSOR(S) AS SHOWN THROUGHOUT CORRIDORS. PROVIDE 0-10V DIMMING ON ALL CORRIDOR LIGHTING RELAYS. OCCUPANCY SENSOR SHALL DIM CORRIDOR RELAY TO 50% OUTPUT AFTER 15 MINUTES OF INACTIVITY. LOCATE OCCUPANCY SENSOR(S) PER MANUFACTURER FOR PROPER PLACEMENT AND ADJUSTMENT OF OCCUPANCY SENSORS.
- MANUFACTURER'S REPRESENTATIVE FOR DIVISION 26 LIGHTING CONTROLS SHALL BE ACCOUNTABLE FOR THE COMPREHENSIVE LIGHTING CONTROLS PACKAGE'S FINALIZATION IN ALIGNMENT WITH THE DESIGN INTENT DEPICTED IN THE DRAWINGS AND SPECIFICATIONS AND COMPLYING WITH IECC 2021 REQUIREMENTS. THE LIGHTING REPRESENTATIVE IS REQUIRED TO DEVELOP DETAILED SHOP DRAWINGS DEMONSTRATING THE LIGHTING CONTROL SYSTEM'S TOPOLOGY AND THE ESSENTIAL CONNECTIONS NECESSARY FOR ITS PROPER FUNCTIONING. LIGHTING CONTROL DEVICES SHOWN ARE TO PROVIDE GENERAL INTENT ONLY. MANUFACTURER'S REPRESENTATIVE TO PROVIDE ALL ADDITIONAL DEVICES AND MOUNTING DEVICE LOCATIONS AS REQUIRED TO MEET IECC 2021 REQUIREMENTS.

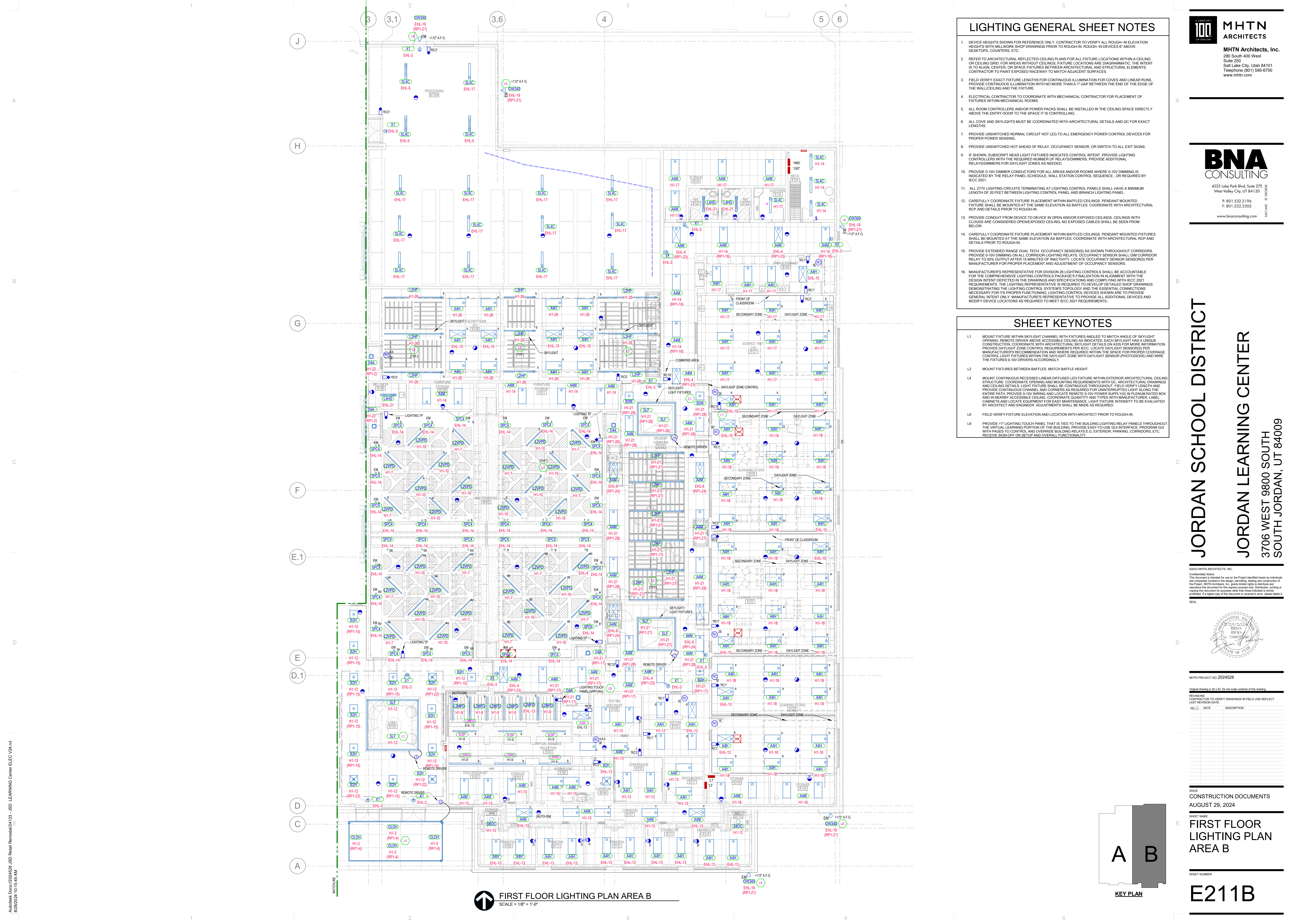
SHEET KEYNOTES

- L1 MOUNT FIXTURE WITHIN SKYLIGHT CHANNEL WITH FIXTURES ANGLED TO MATCH ANGLE OF SKYLIGHT OPENING. REMOTE DRIVER ABOVE ACCESSIBLE CEILING AS INDICATED. EACH SKYLIGHT HAS A UNIQUE CONSTRUCTION. COORDINATE WITH ARCHITECTURAL SKYLIGHT DETAILS ON A335 FOR MORE INFORMATION. PROVIDE DAYLIGHT ZONE CONTROL REQUIREMENTS PER IECC. LOCATE DAYLIGHT SENSOR(S) PER MANUFACTURER'S RECOMMENDATION AND WHERE REQUIRED WITHIN THE SPACE FOR PROPER COVERAGE. CONTROL LIGHT FIXTURES WITHIN THE DAYLIGHT ZONE WITH DAYLIGHT SENSOR (PHOTOELECTRIC) AND WIRE THE FIXTURES 0-10V DRIVERS ACCORDINGLY.
- L2 MOUNT FIXTURES BETWEEN BAFFLES. MATCH BAFFLE HEIGHT.
- L3 PROVIDE 5" LIGHTING TOUCH PANEL THAT IS TIED TO THE BUILDING LIGHTING RELAY PANELS THROUGHOUT THE BUILDING. PROVIDE EASY-TO-USE GUI INTERFACE. PROGRAM GUI WITH PAGES TO CONTROL AND OVERRIDE BUILDING RELAYS E.G. EXTERIOR, PARKING, CORRIDORS, ETC. RECEIVE SIGN-OFF ON SETUP AND OVERALL FUNCTIONALITY.
- L4 FIELD VERIFY FIXTURE ELEVATION AND LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
- L5 PROVIDE A 48-CIRCUIT LIGHTING CONTROL PANEL RELAY WITH 1200/70/1-POLE 0-10V DIMMING RELAYS. LIGHTING CONTROL PANEL MUST HAVE BUILT-IN TIME SCHEDULING, PHOTOCELLS-10V DIMMING, ASTRONOMICAL CLOCK, 7-DAY SCHEDULE WITH HOLIDAYS, AND PROTECTION FOR LOSS OF POWER TO PREVENT LOSS OF SCHEDULE. PROVIDE CONTROL CIRCUIT AS INDICATED. ADDITIONALLY, LOCATE PHOTOCELL ON THE NORTH SIDE OF THE BUILDING AND TIE INTO THE CONTROLLER. PROGRAM AND CREATE SCHEDULES PER THE LIGHTING NARRATIVE AND THE OWNER'S REQUIREMENTS.
- L6 PROVIDE 5" LIGHTING TOUCH PANEL THAT IS TIED TO THE BUILDING LIGHTING RELAY PANELS THROUGHOUT THE CONC PORTION OF THE BUILDING. PROVIDE EASY-TO-USE GUI INTERFACE. PROGRAM GUI WITH PAGES TO CONTROL AND OVERRIDE BUILDING RELAYS E.G. EXTERIOR, PARKING, CORRIDORS, ETC. RECEIVE SIGN-OFF ON SETUP AND OVERALL FUNCTIONALITY.



FIRST FLOOR LIGHTING PLAN AREA A
SCALE = 1/8" = 1'-0"

Autodesk Docs: 20240528_JSD Retail Remodel/24133 - JSD - LEARNING CENTER ELEC V2A.rvt
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LIGHTING GENERAL SHEET NOTES

- DEVICE HEIGHTS SHOWN FOR REFERENCE ONLY. CONTRACTOR TO VERIFY ALL ROUGH-IN ELEVATION HEIGHTS WITH MILL WORK SHOP DRAWINGS PRIOR TO ROUGH-IN. ROUGH-IN DEVICES 8" ABOVE DESKTOPS, COUNTERS, ETC.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR ALL FIXTURE LOCATIONS WITHIN A CEILING OR CEILING GRID. FOR AREAS WITHOUT CEILINGS, FIXTURE LOCATIONS ARE DIAGRAMMATIC. THE INTENT IS TO ALIGN CENTER OR SPACE FIXTURES BETWEEN ARCHITECTURAL AND STRUCTURAL ELEMENTS. CONTRACTOR TO PAINT EXPOSED RACEWAY TO MATCH ADJACENT SURFACES.
- FIELD VERIFY EXACT FIXTURE LENGTHS FOR CONTINUOUS ILLUMINATION FOR COVES AND LINEAR RUNS. PROVIDE CONTINUOUS ILLUMINATION WITH NO MORE THAN A 1" GAP BETWEEN THE END OF THE EDGE OF THE WALL/CEILING AND THE FIXTURE.
- ELECTRICAL CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR FOR PLACEMENT OF FIXTURES WITHIN MECHANICAL ROOMS.
- ALL ROOM CONTROLLERS AND/OR POWER PACKS SHALL BE INSTALLED IN THE CEILING SPACE DIRECTLY ABOVE THE ENTRY DOOR TO THE SPACE IT IS CONTROLLING.
- ALL COVE AND SKYLIGHTS MUST BE COORDINATED WITH ARCHITECTURAL DETAILS AND GC FOR EXACT LENGTHS.
- PROVIDE UNSWITCHED NORMAL CIRCUIT HOT LEG TO ALL EMERGENCY POWER CONTROL DEVICES FOR PROPER POWER SENSING.
- PROVIDE UNSWITCHED HOT AHEAD OF RELAY, OCCUPANCY SENSOR, OR SWITCH TO ALL EXIT SIGNS.
- IF SHOWN, SUBSCRIPT NEAR LIGHT FIXTURES INDICATES CONTROL INTENT. PROVIDE LIGHTING CONTROLLERS WITH THE REQUIRED NUMBER OF RELAYS/DIMMERS. PROVIDE ADDITIONAL RELAYS/DIMMERS FOR DAYLIGHT ZONES AS NEEDED.
- PROVIDE 0-10V DIMMER CONDUCTORS FOR ALL AREAS AND/OR ROOMS WHERE 0-10V DIMMING IS INDICATED BY THE RELAY PANEL SCHEDULE, WALL STATION CONTROL SEQUENCE, OR REQUIRED BY IECC 2021.
- ALL 277V LIGHTING CIRCUITS TERMINATING AT LIGHTING CONTROL PANELS SHALL HAVE A MINIMUM LENGTH OF 20 FEET BETWEEN LIGHTING CONTROL PANEL AND BRANCH LIGHTING PANEL.
- CAREFULLY COORDINATE FIXTURE PLACEMENT WITHIN BAFFLED CEILING. PENDANT MOUNTED FIXTURE SHALL BE MOUNTED AT THE SAME ELEVATION AS BAFFLES. COORDINATE WITH ARCHITECTURAL RCP AND DETAILS PRIOR TO ROUGH-IN.
- PROVIDE CONDUIT FROM DEVICE TO DEVICE IN OPEN AND/OR EXPOSED CEILING. CEILING WITH CLOUDS ARE CONSIDERED OPEN/EXPOSED CEILING. NO EXPOSED CABLES SHALL BE SEEN FROM BELOW.
- CAREFULLY COORDINATE FIXTURE PLACEMENT WITHIN BAFFLED CEILING. PENDANT MOUNTED FIXTURES SHALL BE MOUNTED AT THE SAME ELEVATION AS BAFFLES. COORDINATE WITH ARCHITECTURAL RCP AND DETAILS PRIOR TO ROUGH-IN.
- PROVIDE EXTENDED RANGE DUAL TECH. OCCUPANCY SENSOR(S) AS SHOWN THROUGHOUT CORRIDORS. PROVIDE 0-10V DIMMING ON ALL CORRIDOR LIGHTING RELAYS. OCCUPANCY SENSOR SHALL DIM CORRIDOR RELAY TO 50% OUTPUT AFTER 15 MINUTES OF INACTIVITY. LOCATE OCCUPANCY SENSOR SENSOR(S) PER MANUFACTURER FOR PROPER PLACEMENT AND ADJUSTMENT OF OCCUPANCY SENSORS.
- MANUFACTURER'S REPRESENTATIVE FOR DIVISION 26 LIGHTING CONTROLS SHALL BE ACCOUNTABLE FOR THE COMPREHENSIVE LIGHTING CONTROLS PACKAGES' FINALIZATION IN ALIGNMENT WITH THE DESIGN INTENT SHOWN IN THE DRAWINGS AND SPECIFICATIONS AND COMPLYING WITH IECC 2021 REQUIREMENTS. THE LIGHTING REPRESENTATIVE IS REQUIRED TO DEVELOP DETAILED SHOP DRAWINGS DEMONSTRATING THE LIGHTING CONTROL SYSTEMS TOPOLOGY AND THE ESSENTIAL CONNECTIONS NECESSARY FOR ITS PROPER FUNCTIONING. LIGHTING CONTROL DEVICES SHOWN ARE TO PROVIDE GENERAL INTENT ONLY. MANUFACTURER'S REPRESENTATIVE TO PROVIDE ALL ADDITIONAL DEVICES AND MODIFY DEVICE LOCATIONS AS REQUIRED TO MEET IECC 2021 REQUIREMENTS.

SHEET KEYNOTES

- 1.1 MOUNT FIXTURE WITHIN SKYLIGHT CHANNEL WITH FIXTURES ANGLED TO MATCH ANGLE OF SKYLIGHT OPENING. REMOTE DRIVER ABOVE ACCESSIBLE CEILING AS INDICATED. EACH SKYLIGHT HAS A UNIQUE CONSTRUCTION. COORDINATE WITH ARCHITECTURAL SKYLIGHT DETAILS ON A335 FOR MORE INFORMATION. PROVIDE DAYLIGHT ZONE CONTROL REQUIREMENTS PER IECC. LOCATE DAYLIGHT SENSOR PER MANUFACTURER'S RECOMMENDATION AND WHERE REQUIRED WITHIN THE SPACE FOR PROPER COVERAGE. CONTROL LIGHT FIXTURES WITHIN THE DAYLIGHT ZONE WITH DAYLIGHT SENSOR (PHOTODIODE) AND WIRE THE FIXTURES 0-10V DRIVERS ACCORDINGLY.
- 1.2 MOUNT FIXTURES BETWEEN BAFFLES. MATCH BAFFLE HEIGHT.
- 1.4 MOUNT CONTINUOUS RECESSED LINEAR DIFFUSED LED FIXTURE WITHIN EXTERIOR ARCHITECTURAL CEILING STRUCTURE. COORDINATE OPENING AND MOUNTING REQUIREMENTS WITH GC ARCHITECTURAL DRAWINGS AND CEILING DETAILS. LIGHT FIXTURE SHALL BE CONTINUOUS THROUGHOUT. FIELD VERIFY LENGTH AND PROVIDE CONTINUOUS CHANNEL AND CORNERS AS REQUIRED FOR UNINTERRUPTED LIGHT ALONG THE ENTIRE PATH. PROVIDE 0-10V WIRING AND LOCATE REMOTE 0-10V POWER SUPPLY(S) IN PLENUM RATED BOX AND IN NEARBY ACCESSIBLE CEILING. COORDINATE QUANTITY AND TYPES WITH MANUFACTURER LABEL CABINETS AND LOCATE EQUIPMENT FOR EASY MAINTENANCE. LIGHT FIXTURE INTENSITY TO BE EVALUATED BY ARCHITECT AND ENGINEER. ADJUSTMENTS SHALL BE MADE AS REQUIRED.
- 1.6 FIELD VERIFY FIXTURE ELEVATION AND LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
- 1.9 PROVIDE > 7" LIGHTING TOUCH PANEL THAT IS TIED TO THE BUILDING LIGHTING RELAY PANELS THROUGHOUT THE VIRTUAL LEARNING PORTION OF THE BUILDING. PROVIDE EASY-TO-USE GUI INTERFACE PROGRAM GUI WITH PAGES TO CONTROL, AND OVERRIDE BUILDING RELAYS (E.G. EXTERIOR PARKING, CORRIDORS, ETC.) RECEIVE SIGN-OFF ON SETUP AND OVERALL FUNCTIONALITY.

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MHTN PROJECT NO. 2024528

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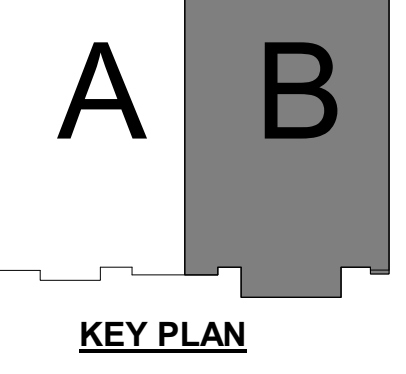
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 CONSTRUCTION DOCUMENTS
 AUGUST 29, 2024

SHEET NAME
**FIRST FLOOR
 LIGHTING PLAN
 AREA B**

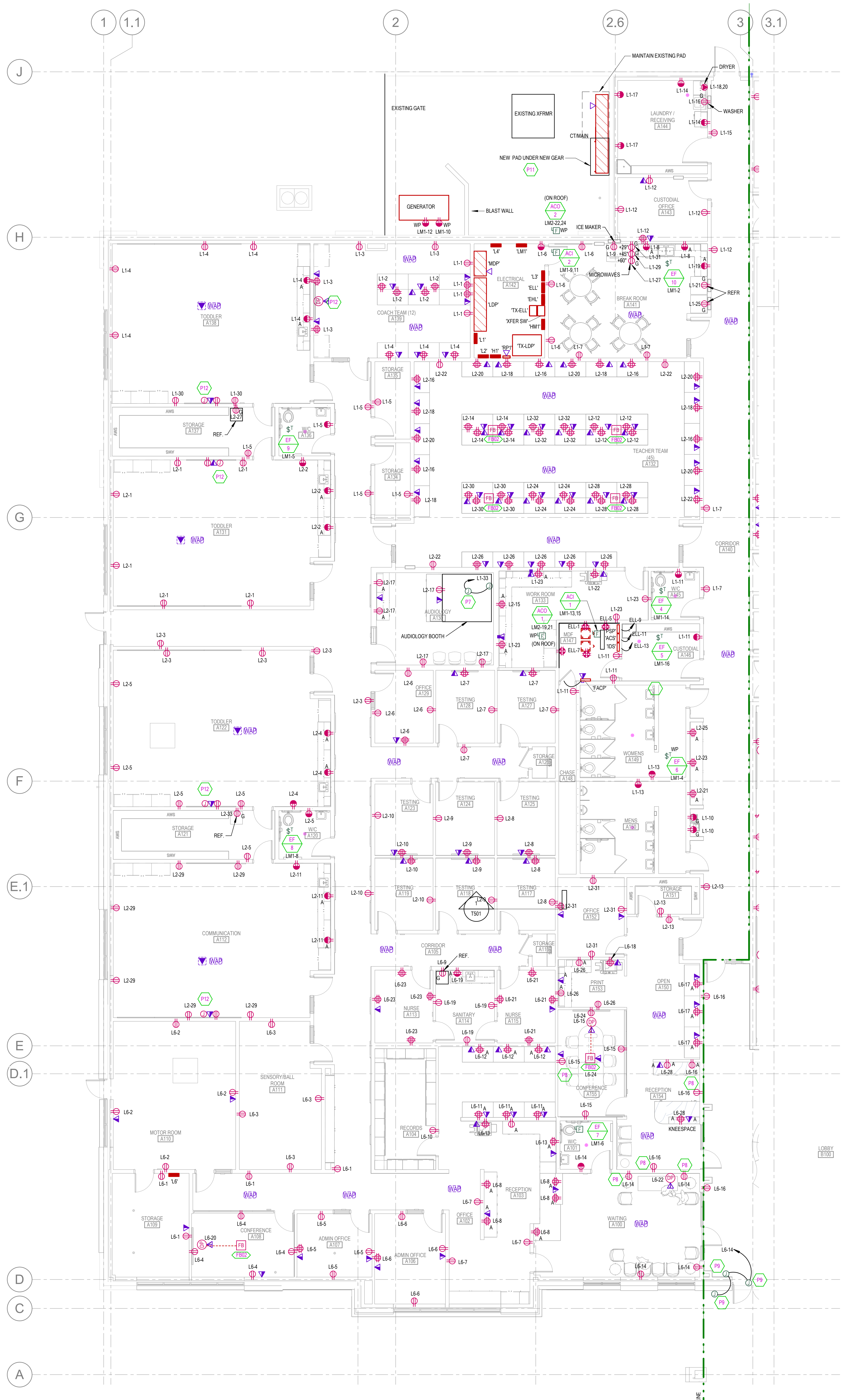
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E211B

FIRST FLOOR LIGHTING PLAN AREA B
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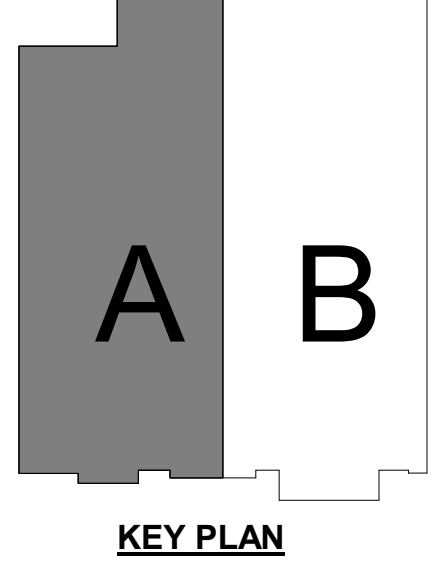


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FIRST FLOOR POWER PLAN - AREA A
SCALE = 1/8" = 1'-0"



- ### GENERAL POWER SHEET NOTES
- COORDINATE PLACEMENT OF ELECTRICAL DEVICES WITH ARCHITECT PRIOR TO ROUGH-IN. WHERE DEVICES ARE SHOWN IN SAME WALL SPACE, ALIGN VERTICALLY AND HORIZONTALLY. COORDINATE WITH ARCHITECTURAL DRAWINGS, ATHLETIC SAFETY WALL PADDING AND CABINETS DRAWINGS.
 - ALL LOW VOLTAGE WIRE CABLE FOR LIGHTING, SENSORS, AUDIOVISUAL EQUIPMENT, SOUND AMPLIFICATION, ETC. TO BE ROUTED THROUGH CONDUIT IN EXPOSED AND CLOUDED CEILING AREAS.
 - ALL LOW VOLTAGE WIRE CABLE FOR LIGHTING, SENSORS, AUDIOVISUAL EQUIPMENT, CLASSROOM SOUND AMPLIFICATION, ETC. TO BE PROPERLY SUPPORTED PER THE TELEDATA SPEC. AND AT 5'-0" INTERVALS AND TO FOLLOW BUILDING STRUCTURAL LINES. PULLING WIRE DIAGONALLY ACROSS ROOMS IS NOT ALLOWED. USING CEILING SYSTEM OR LIGHT FIXTURE SUPPORT/SEISMIC WIRES FOR SUPPORT IS NOT ALLOWED.
 - PROVIDE GFCI PROTECTION ON ALL DEVICES AND EQUIPMENT PER THE NEC REQUIREMENTS. DEVICES SHALL BE READILY ACCESSIBLE. IF ANY OUTLET IS INSTALLED WITHIN 6 FEET OF OUTSIDE EDGE OF SINK, CONTRACTOR SHALL PROVIDE GFCI RECEPTACLE PER NEC, WHETHER SHOWN OR NOT.
 - ALL RECEPTACLES LOCATED THROUGHOUT THE BUILDING SHALL BE TAMPER RESISTANT PER NEC 406.12.
 - ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL MECHANICAL UNITS WITH MECHANICAL CONTRACTOR. CIRCUITS TO ALL MECHANICAL EQUIPMENT SHALL BE DEDICATED UNLESS NOTED OTHERWISE.
 - FOR VAV POWER, PROVIDE A DEDICATED 120V/20A CIRCUIT FROM A PANEL LOCATED IN THE ELECTRICAL ROOM OF THE ASSOCIATED QUADRANT. COORDINATE EXACT LOCATION OF ALL VAV BOXES WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
 - PROVIDE 120V CIRCUIT FROM NEAREST PROVIDED CIRCUIT FOR FIRE/SMOKE DAMPER RELAYS. PROVIDE FIRE ALARM MODULES AND RELAYS AS NECESSARY FOR ALL FIRE/SMOKE DAMPERS SHOWN ON DIVISION 23 DRAWINGS. ALL FIRE/SMOKE DAMPERS SHALL HAVE A MANUAL OVERRIDE SWITCH. PROVIDE DUCT DETECTOR WITHIN 5 FEET OF EACH FIRE/SMOKE DAMPER.
 - CONTRACTOR TO COORDINATE ALL LOCATIONS OF FIRE/SMOKE AND SMOKE DAMPERS WITH MECHANICAL CONTRACTOR. CONTRACTOR TO PROVIDE POWER, MONITOR MODULES, AND RELAYS AS REQUIRED FOR A COMPLETE SYSTEM.
 - DIVISION 26 IS RESPONSIBLE TO PROVIDE CONDUIT AND ROUGH-IN FOR ALL THERMOSTAT CONTROLS LOCATED WITHIN WALLS. COORDINATE WITH THE CONTROLS CONTRACTOR AND VERIFY EXACT LOCATION OF ALL THERMOSTATS.

- ### SHEET KEYNOTES
- P7 VERIFY EXACT LOCATION OF TERMINATION FOR THE AUDIOLOGY BOOTH. FEED FROM THE WALL WITH FLEX CONDUIT.
 - P8 COORDINATE EXACT PLACEMENT OF THE RECEPTACLE IN THE FEATURE WALL WITH THE ARCHITECT.
 - P9 VERIFY BOX LOCATIONS AND ALL TERMINATION REQUIREMENTS FOR CONNECTION TO THE ADA FUNCTION OF THE DOOR.
 - P11 DRILL AND DOWEL THE NEW PAD TO THE EXISTING PAD.
 - P12 LOCATE POWER, DATA, AND JUNCTION BOX FOR AV CABLING AT WALL MOUNTED PROJECTOR MOUNT. COORDINATE ROUGH-IN LOCATION CLOSELY WITH AV SUBCONTRACTOR.

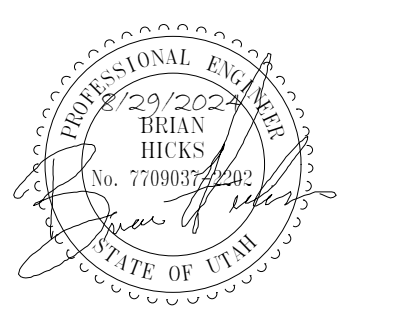
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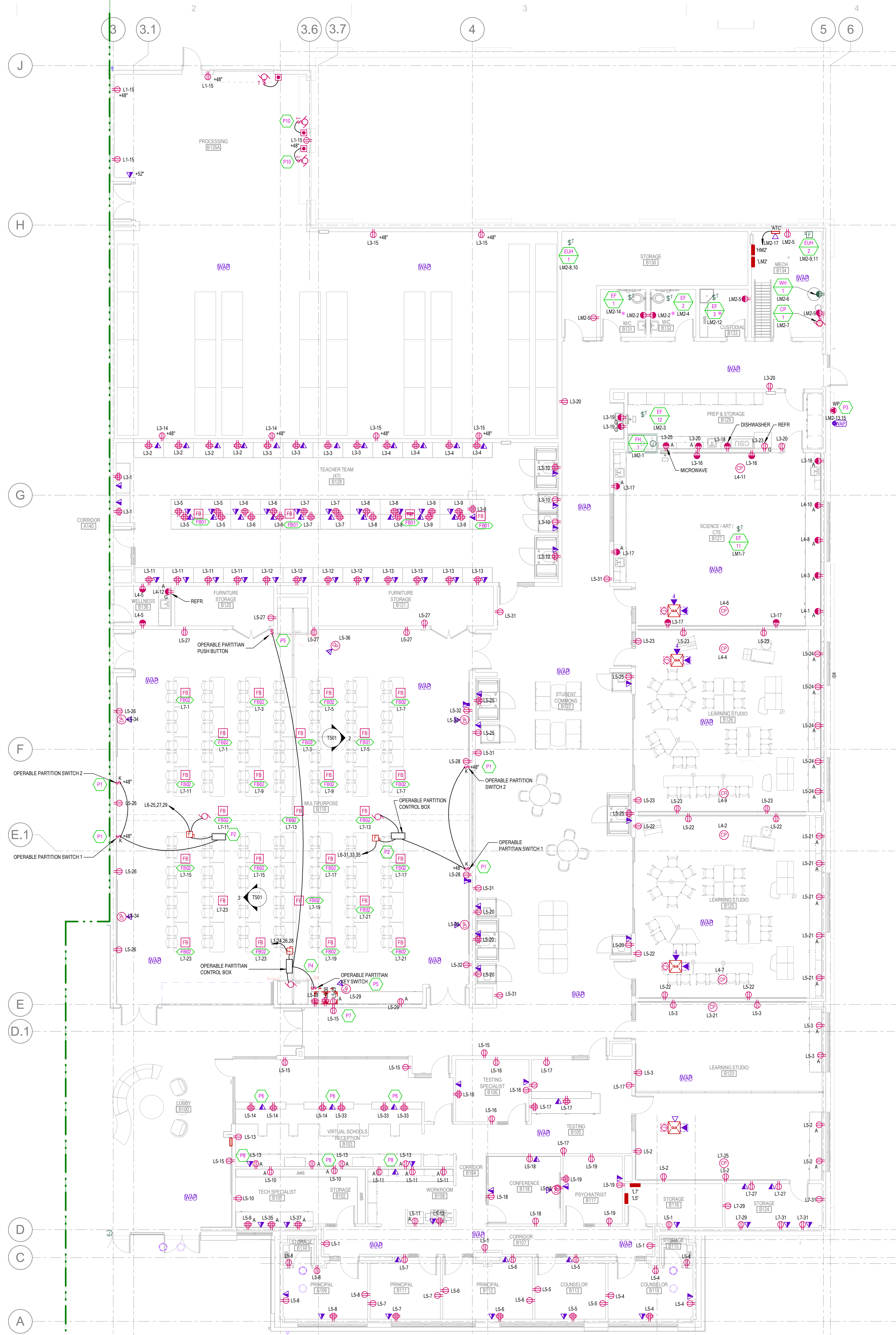
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SHEET NAME
**FIRST FLOOR
 POWER PLAN -
 AREA A**

SHEET NUMBER
E311A



GENERAL POWER SHEET NOTES

- COORDINATE PLACEMENT OF ELECTRICAL DEVICES WITH ARCHITECT PRIOR TO ROUGH-IN. WHERE DEVICES ARE SHOWN IN SAME WALL SPACE, ALIGN VERTICALLY AND HORIZONTALLY. COORDINATE WITH ARCHITECTURAL DRAWINGS, ATHLETIC SAFETY WALL PADDING AND CABINETRY DRAWINGS.
- ALL THE LOW VOLTAGE WIRE CABLE FOR LIGHTING, SENSORS, AUDIO/VISUAL EQUIPMENT, SOUND AMPLIFICATION, ETC. TO BE ROUTED THROUGH CONDUIT IN EXPOSED AND CLOUDED CEILING AREAS.
- ALL LOW VOLTAGE WIRE CABLE FOR LIGHTING SENSORS, AUDIO/VISUAL EQUIPMENT, CLASSROOM SOUND AMPLIFICATION, ETC. TO BE PROPERLY SUPPORTED PER THE TELEDATA SPEC, AND AT 5'-0" INTERVALS AND TO FOLLOW BUILDING STRUCTURAL LINES. PULLING WIRE DIAGONALLY ACROSS ROOMS IS NOT ALLOWED. USING CEILING SYSTEM OR LIGHT FIXTURE SUPPORT/SEISMIC WIRES FOR SUPPORT IS NOT ALLOWED.
- PROVIDE GFCI PROTECTION ON ALL DEVICES AND EQUIPMENT PER THE NEC REQUIREMENTS. DEVICES SHALL BE READILY ACCESSIBLE. IF ANY OUTLET IS INSTALLED WITHIN 6 FEET OF OUTSIDE EDGE OF SINK, CONTRACTOR SHALL PROVIDE GFCI RECEPTACLE PER NEC, WHETHER SHOWN OR NOT.
- ALL RECEPTACLES LOCATED THROUGHOUT THE BUILDING SHALL BE TAMPER RESISTANT PER NEC 406.12.
- ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL MECHANICAL UNITS WITH MECHANICAL CONTRACTOR. CIRCUITS TO ALL MECHANICAL EQUIPMENT SHALL BE DEDICATED UNLESS NOTED OTHERWISE.
- FOR VAV POWER, PROVIDE A DEDICATED 120V/20A CIRCUIT FROM A PANEL LOCATED IN THE ELECTRICAL ROOM OF THE ASSOCIATED QUADRANT. COORDINATE EXACT LOCATION OF ALL VAV BOXES WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- PROVIDE 120V CIRCUIT FROM NEAREST PROVIDED CIRCUIT FOR FIRE/SMOKE DAMPER RELAYS. PROVIDE FIRE ALARM MODULES AND RELAYS AS NECESSARY FOR ALL FIRE/SMOKE DAMPERS SHOWN ON DIVISION 23 DRAWINGS. ALL FIRE/SMOKE DAMPERS SHALL HAVE A MANUAL OVERRIDE SWITCH. PROVIDE DUCT DETECTOR WITHIN 5 FEET OF EACH FIRE/SMOKE DAMPER.
- CONTRACTOR TO COORDINATE ALL LOCATIONS OF FIRE/SMOKE AND SMOKE DAMPERS WITH MECHANICAL CONTRACTOR. CONTRACTOR TO PROVIDE POWER, MONITOR MODULES, AND RELAYS AS REQUIRED FOR A COMPLETE SYSTEM.
- DIVISION 26 IS RESPONSIBLE TO PROVIDE CONDUIT AND ROUGH-IN FOR ALL THERMOSTAT CONTROLS LOCATED WITHIN WALLS. COORDINATE WITH THE CONTROLS CONTRACTOR AND VERIFY EXACT LOCATION OF ALL THERMOSTATS.

SHEET KEYNOTES

- P1 OPERABLE PARTITION CONTROL PANEL IS SUPPLIED BY PARTITION MANUFACTURER WITH 15' OF CABLE FROM THE MOTOR. VERIFY CONTROL PANEL MOUNTING IS WITHIN 15'. DIVISION 26 IS RESPONSIBLE TO WIRE FROM CONTROL PANEL TO FUSED DISCONNECT SWITCH AND CIRCUIT FROM PANEL AS INDICATED.
- P2 SWITCHES 1 AND 2 ARE SUPPLIED BY PARTITION MANUFACTURER INSTALLED BY DIVISION 26. PROVIDE 5/8" FROM SWITCH 2 TO SWITCH 1 AND FROM SWITCH 1 TO THE CONTROL PANEL. PROVIDE ALL TERMINATIONS AS REQUIRED. COORDINATE ALL REQUIREMENTS WITH PARTITION INSTALLER.
- P3 PROVIDE A NEMA 14-60, 60A-120/250V GRINDING PLUG IN A NEMA 3R ENCLOSURE. VERIFY EXACT LOCATION.
- P4 OPERABLE PARTITION CONTROLLER IS SUPPLIED BY THE MANUFACTURER. MOUNT CONTROLLER WITHIN 9" OF THE MOTOR UNIT AND DISCONNECT SWITCH. VERIFY ALL WIRING AND TERMINATION REQUIREMENTS WITH PARTITION INSTALLER.
- P5 KEY SWITCH AND PUSH BUTTON ARE SUPPLIED BY THE PARTITION SUPPLIER AND INSTALLED BY DIVISION 26. VERIFY ALL WIRING REQUIREMENTS.
- P6 LOCATE RECEPTACLE ON DESK RECESS. COORDINATE STUB-UP LOCATIONS WITHIN MILLWORK WITH ARCHITECT AND MILLWORK SHOP DRAWINGS.
- P7 VERIFY EXACT LOCATION OF TERMINATION FOR THE AUDIOLOGY BOOTH. FEED FROM THE WALL WITH FLEX CONDUIT.
- P8 COORDINATE EXACT PLACEMENT OF THE RECEPTACLE IN THE FEATURE WALL WITH THE ARCHITECT.
- P10 POWERED OVERHEAD DOOR IS EXISTING. VERIFY EXACT LOCATION OF THE MOTOR AND CONTROLLER. PROVIDE A NEW THERMAL SWITCH AND CIRCUIT AS INDICATED.



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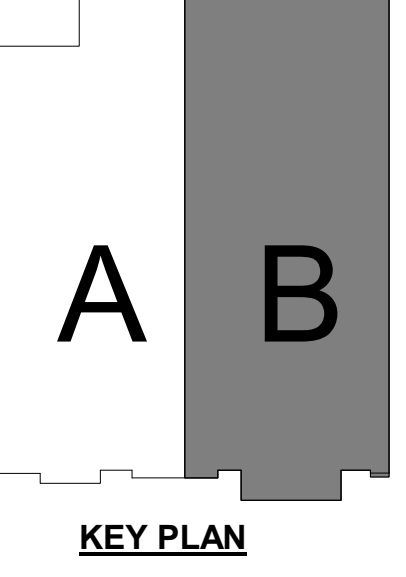


MHTN PROJECT NO. 2024528
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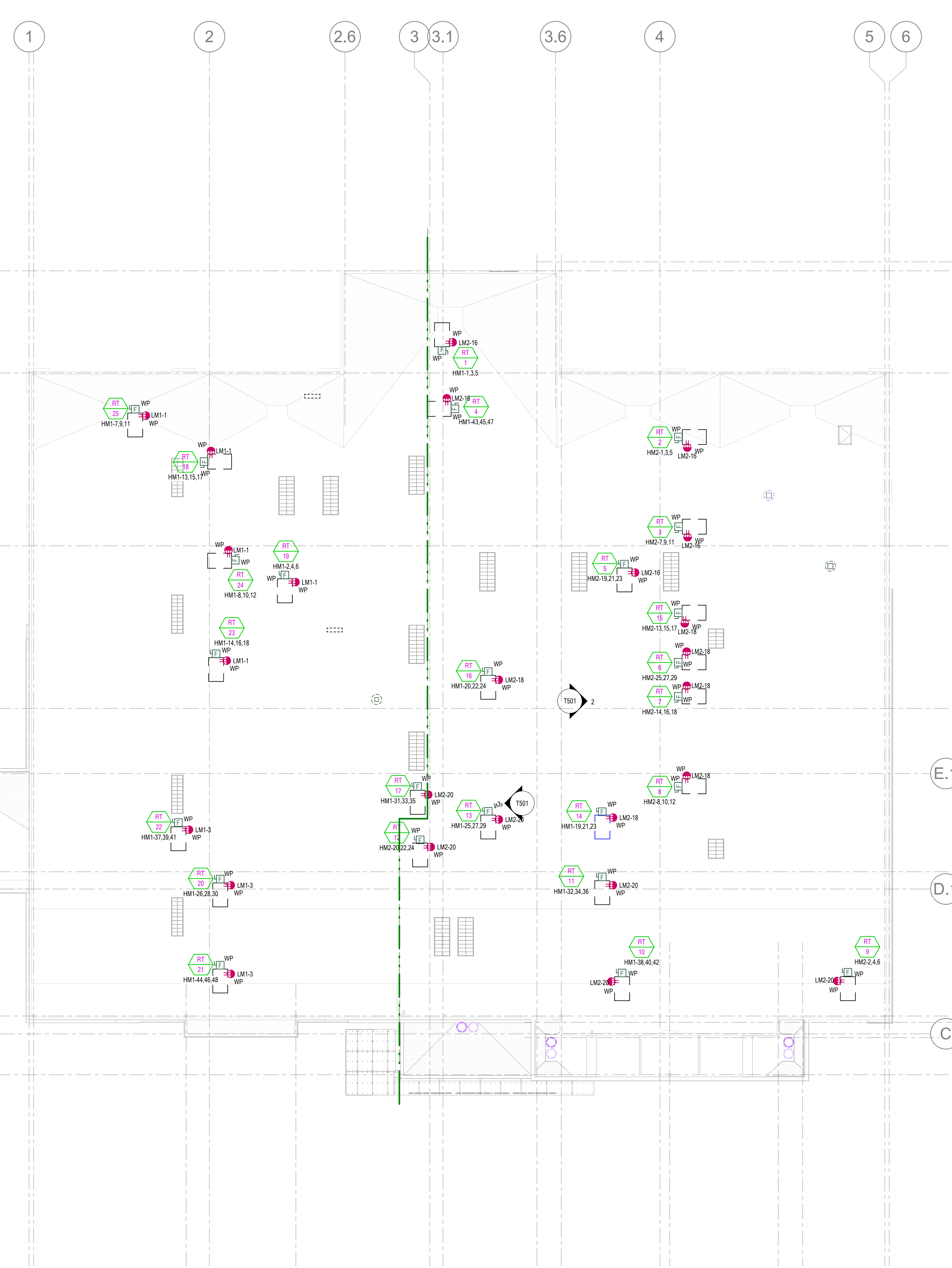
SHEET NAME
FIRST FLOOR POWER PLAN - AREA B



SHEET NUMBER
E311B

FIRST FLOOR POWER PLAN - AREA B
SCALE = 1/8" = 1'-0"

A B C D




GENERAL POWER SHEET NOTES

- COORDINATE PLACEMENT OF ELECTRICAL DEVICES WITH ARCHITECT PRIOR TO ROUGH-IN. WHERE DEVICES ARE SHOWN IN SAME WALL SPACE, ALIGN VERTICALLY AND HORIZONTALLY. COORDINATE WITH ARCHITECTURAL DRAWINGS, ATHLETIC SAFETY WALL PADDING AND CABINETRY DRAWINGS.
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- PROVIDE 120V CIRCUIT FROM NEAREST PROVIDED CIRCUIT FOR FIRE/SMOKE DAMPER RELAYS. PROVIDE FIRE ALARM MODULES AND RELAYS AS NECESSARY FOR ALL FIRE/SMOKE DAMPERS SHOWN ON DIVISION 23 DRAWINGS. ALL FIRE/SMOKE DAMPERS SHALL HAVE A MANUAL OVERRIDE SWITCH. PROVIDE DUCT DETECTOR WITHIN 5 FEET OF EACH FIRE/SMOKE DAMPER.
- CONTRACTOR TO COORDINATE ALL LOCATIONS OF FIRE/SMOKE AND SMOKE DAMPERS WITH MECHANICAL CONTRACTOR. CONTRACTOR TO PROVIDE POWER, MONITOR MODULES, AND RELAYS AS REQUIRED FOR A COMPLETE SYSTEM.
- DIVISION 26 IS RESPONSIBLE TO PROVIDE CONDUIT AND ROUGH-IN FOR ALL THERMOSTAT CONTROLS LOCATED WITHIN WALLS. COORDINATE WITH THE CONTROLS CONTRACTOR AND VERIFY EXACT LOCATION OF ALL THERMOSTATS.

SHEET KEYNOTES

ELECTRICAL ROOF PLAN
SCALE = 1/16" = 1'-0"



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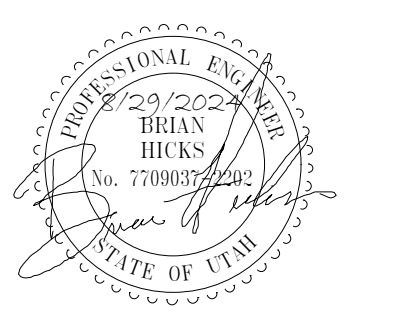
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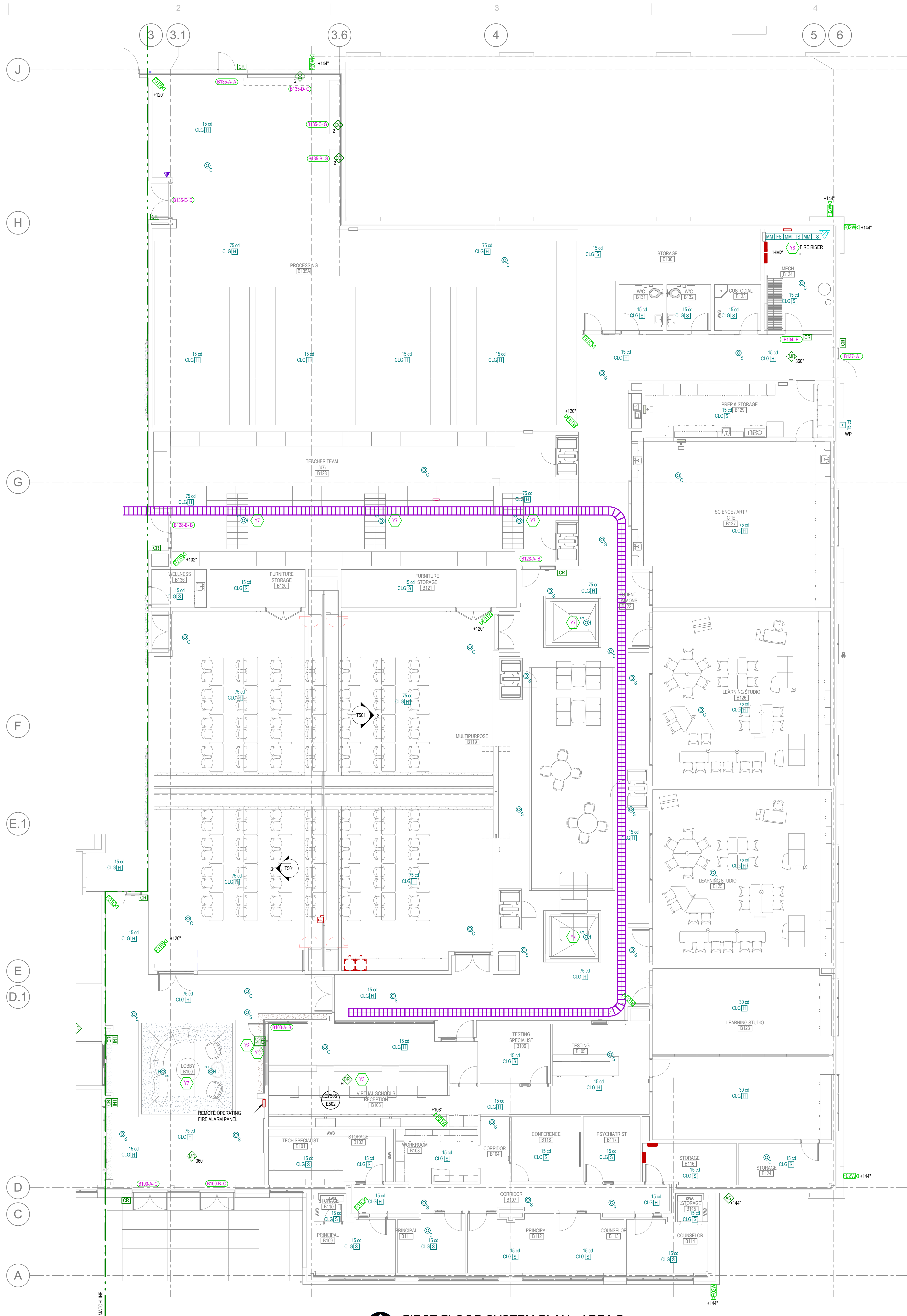
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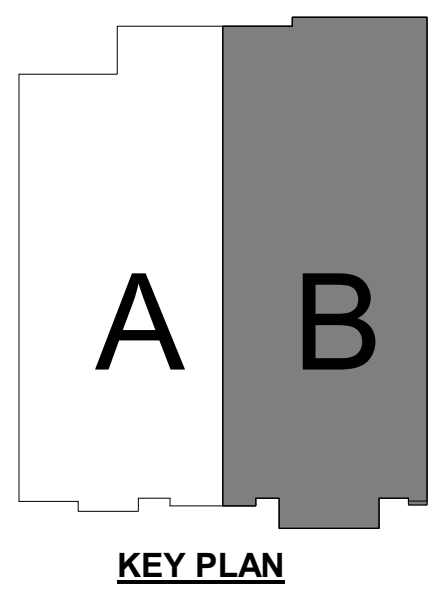
ISSUE:
CONSTRUCTION DOCUMENTS
August 29, 2024

SHEET NAME:
ROOF POWER PLAN

SHEET NUMBER:
E312



FIRST FLOOR SYSTEM PLAN - AREA B
SCALE = 1/8" = 1'-0"



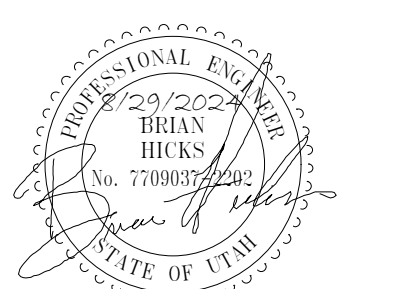
SHEET KEYNOTES	
Y1	MULLION MOUNTED CREDENTIAL CARD READER.
Y2	PRIOR TO STARTING ANY WORK OR ROUGH-IN COORDINATE WITH THE SCHOOL DISTRICT AND FIND OUT THE EXACT LOCATION AND THE MOUNTING HEIGHTS FOR THE SOLO INTERCOM DOOR STATIONS. AND DISCUSS THE OPERATIONAL REQUIREMENTS FOR EACH ONE. PROVIDE ALL OF THE NECESSARY CABLING THAT HOME RUNS BACK TO THE ACCESS CONTROL HEAD-END PANEL, THE VIDEO SURVEILLANCE NVR, AND TO THEIR SIP PHONE SYSTEM. IT IS THE SECURITY CONTRACTOR'S RESPONSIBILITY TO PROVIDE A COMPLETE AND FULLY FUNCTIONING INTERCOM SYSTEM THAT MEETS THE MANUFACTURER'S SPECIFICATIONS AND OPERATES TO THE SCHOOL DISTRICTS REQUIREMENTS AND INSTRUCTIONS.
Y3	PRIOR TO STARTING ANY WORK OR ROUGH-IN COORDINATE A MEETING WITH THE SCHOOL DISTRICT AND THE MILLWORK DRAWINGS FOR THE EXACT LOCATION AND THE OPERATIONAL REQUIREMENTS FOR THE DOOR RELEASE BUTTON ON THE RECEPTIONIST DESK IN AREA #154. PROVIDE ALL OF THE NECESSARY CABLING THAT WILL HOME RUN BACK TO THE ACCESS CONTROL HEAD-END PANEL. PROGRAM THE MOMENTARY DOOR RELEASE BUTTON TO OPERATE WITH THE ELECTRIFIED DOOR HARDWARE ON DOOR #154. IT IS THE SECURITY CONTRACTOR'S RESPONSIBILITY TO PROVIDE A COMPLETE AND FULLY FUNCTIONING DOOR RELEASE SYSTEM THAT MEETS THE MANUFACTURER'S SPECIFICATIONS AND OPERATES TO THE SCHOOL DISTRICTS REQUIREMENTS AND INSTRUCTIONS.
Y7	MOUNT SMOKE DETECTOR WITHIN SKYLIGHT. COORDINATE MOUNTING DETAILS WITH ARCHITECTURAL SKYLIGHT DETAIL.
Y8	FIRE RISER LOCATION. PROVIDE REQUIRED QUANTITY OF MONITOR MODULES, CONTROL MODULES, TAMPER SWITCHES AND FLOW SWITCHES FOR A COMPLETE AND WORKING SYSTEM. REVIEW FIRE PROTECTION DRAWINGS PRIOR TO BIDDING.

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MHTN PROJECT NO: 2024528

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REVISIONS		
NO.	DATE	DESCRIPTION

ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME
FIRST FLOOR SYSTEM PLAN - AREA B

SHEET NUMBER
E411B

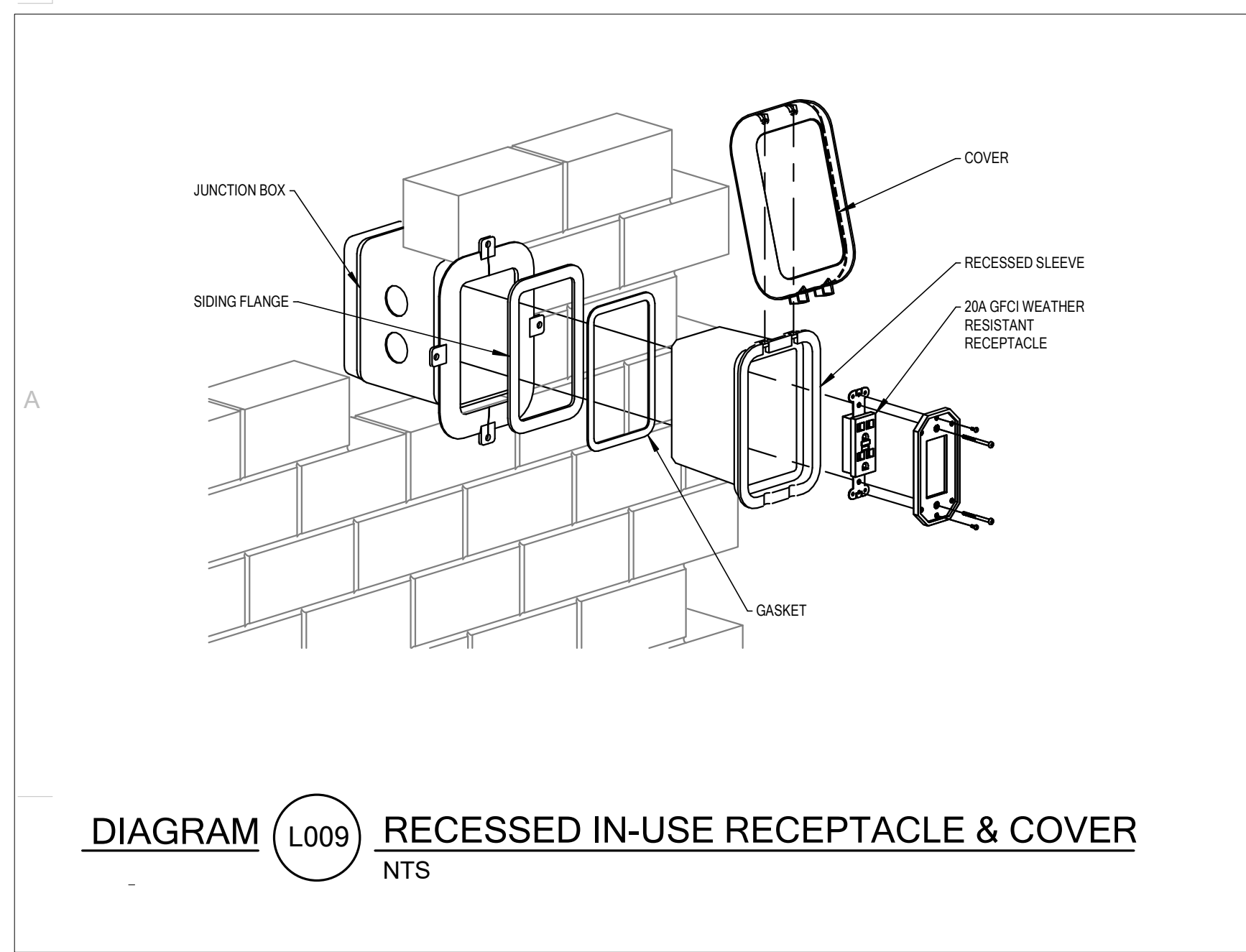


DIAGRAM (L009) RECESSED IN-USE RECEPTACLE & COVER
NTS

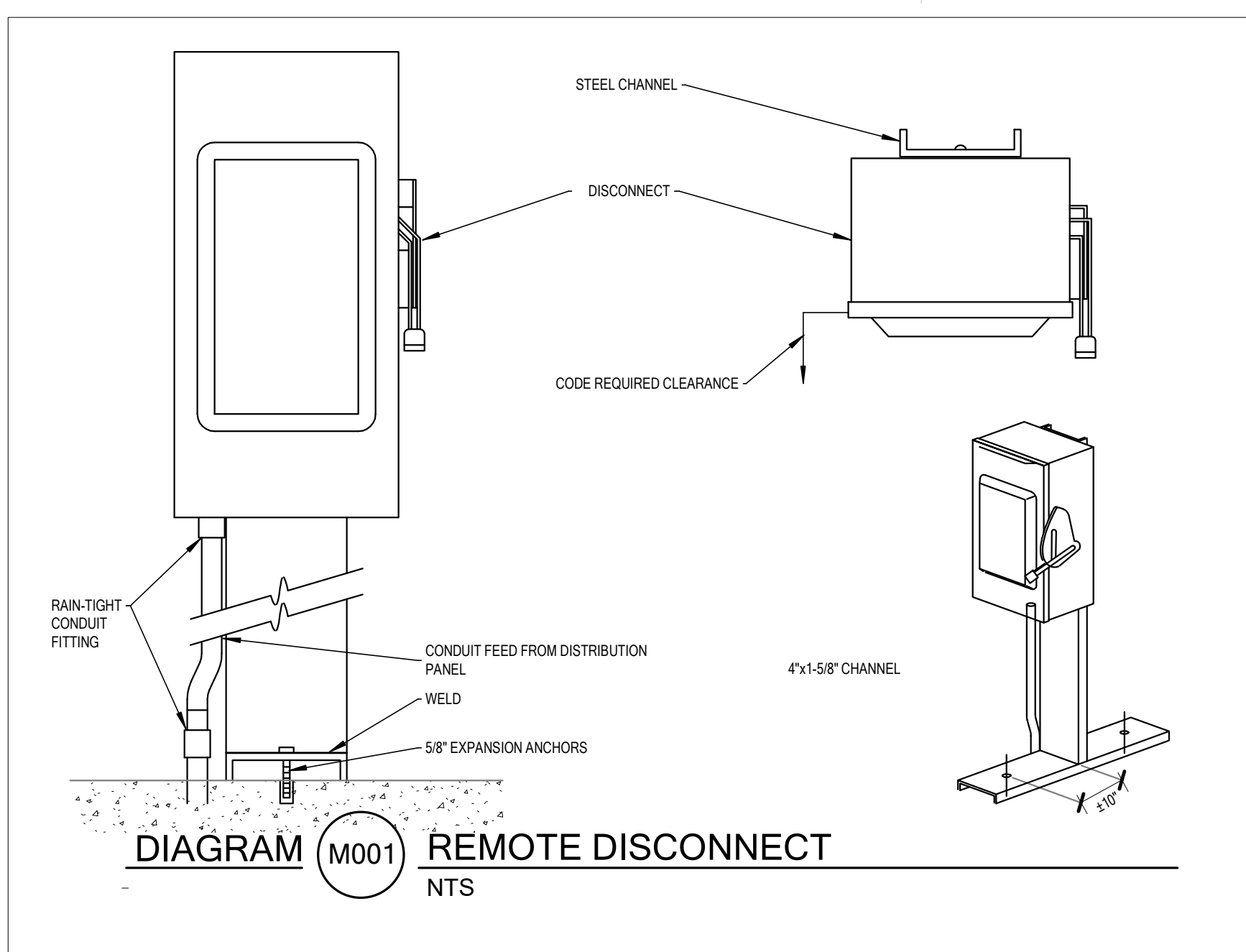


DIAGRAM (M001) REMOTE DISCONNECT
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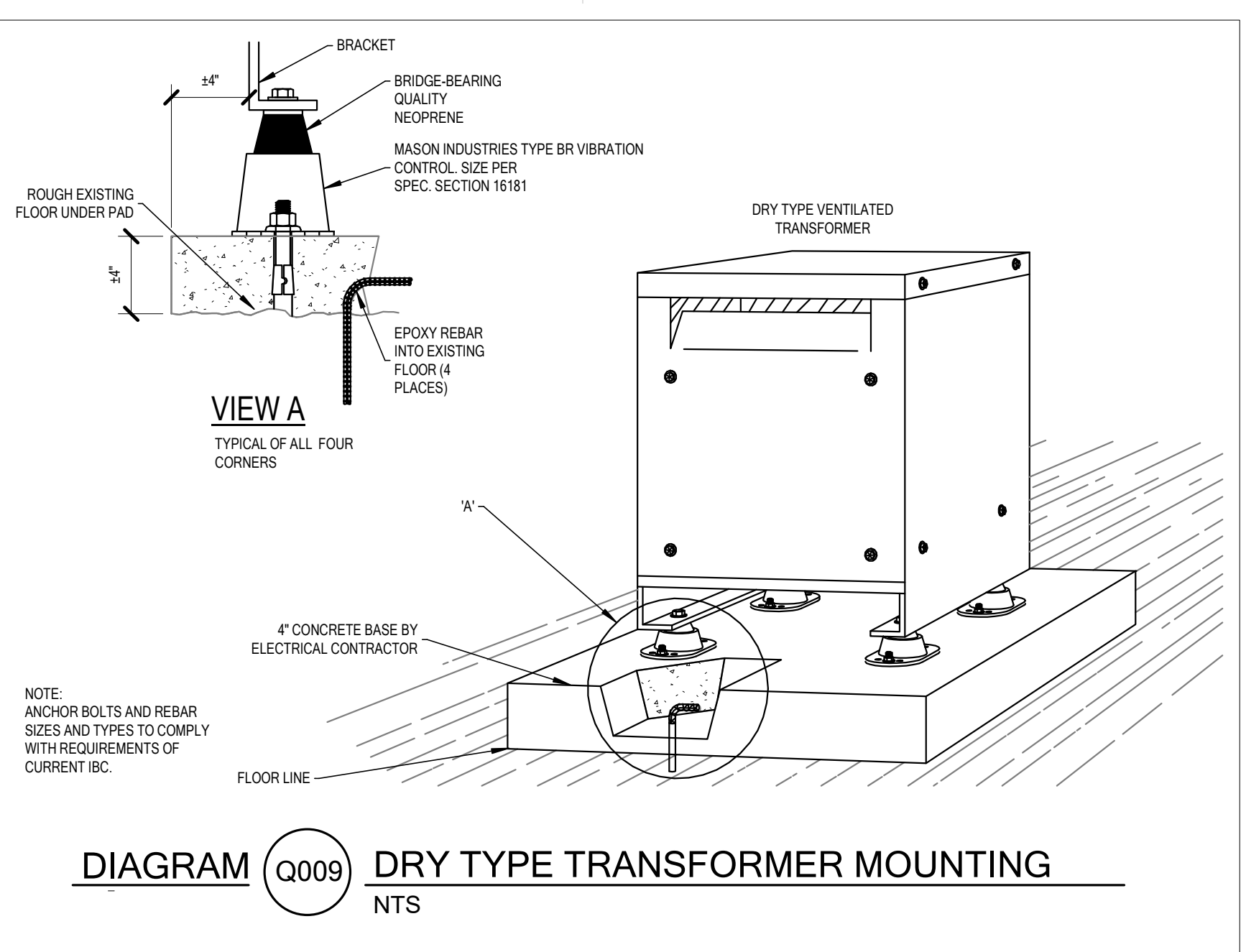


DIAGRAM (Q009) DRY TYPE TRANSFORMER MOUNTING
NTS

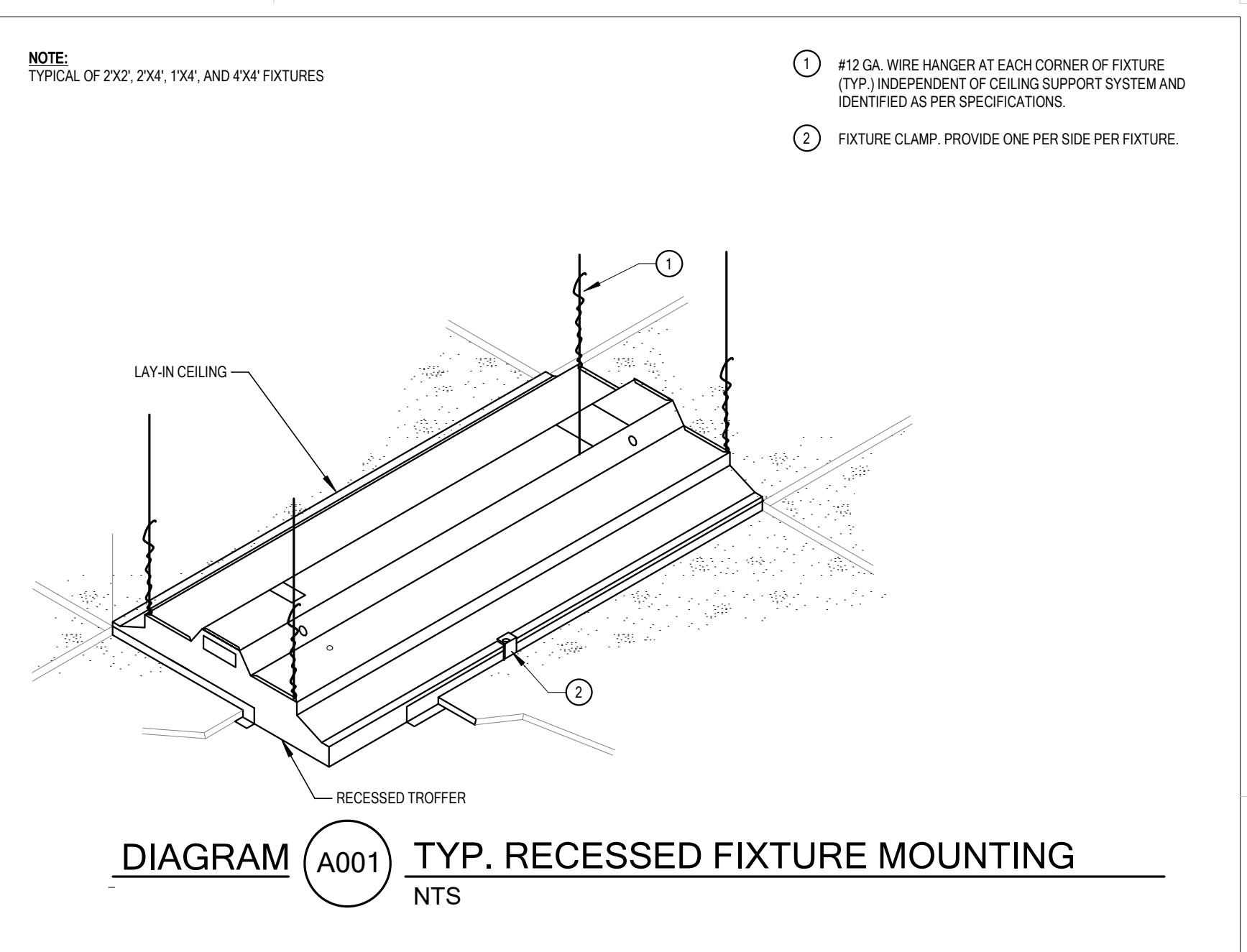
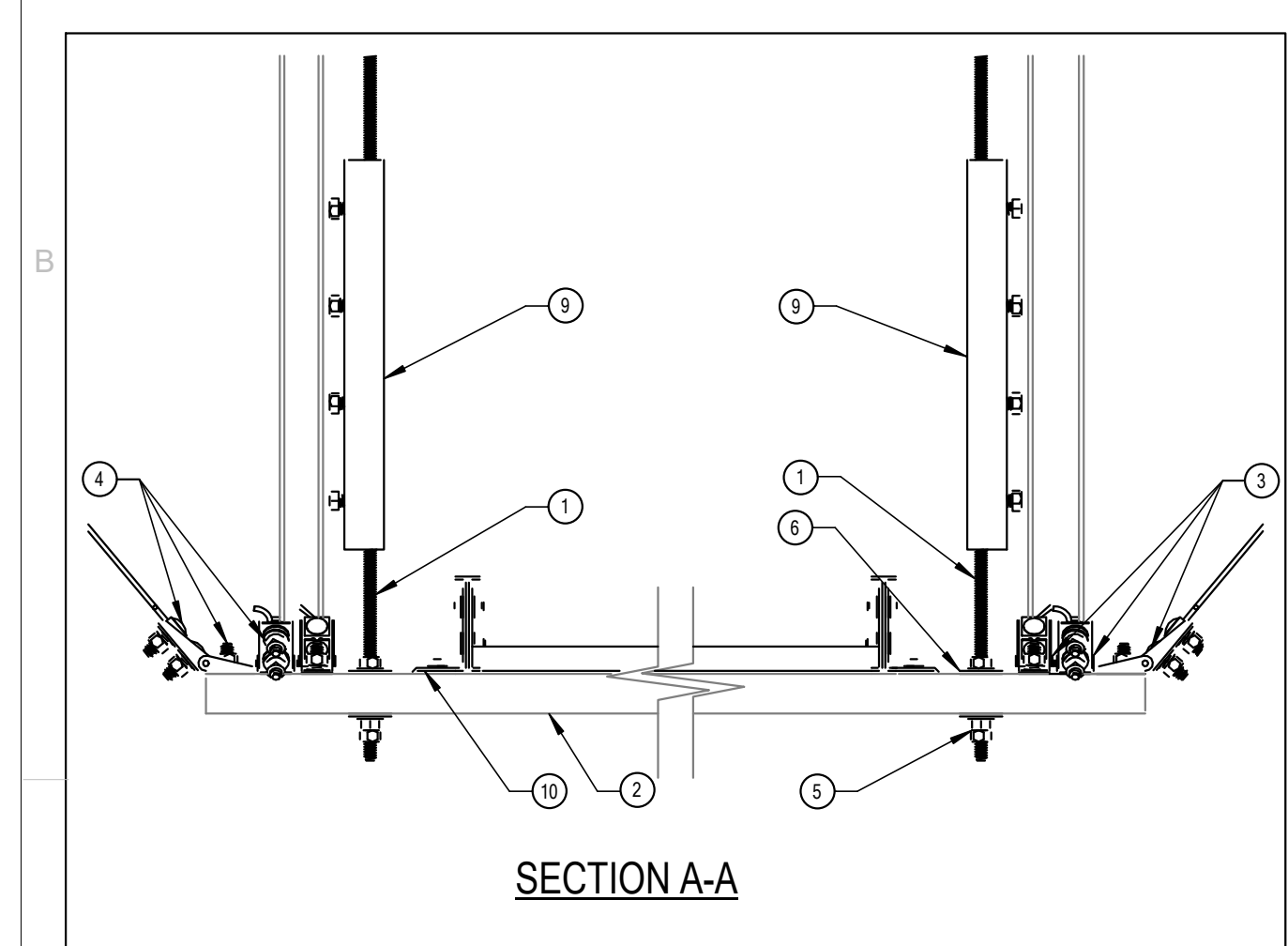
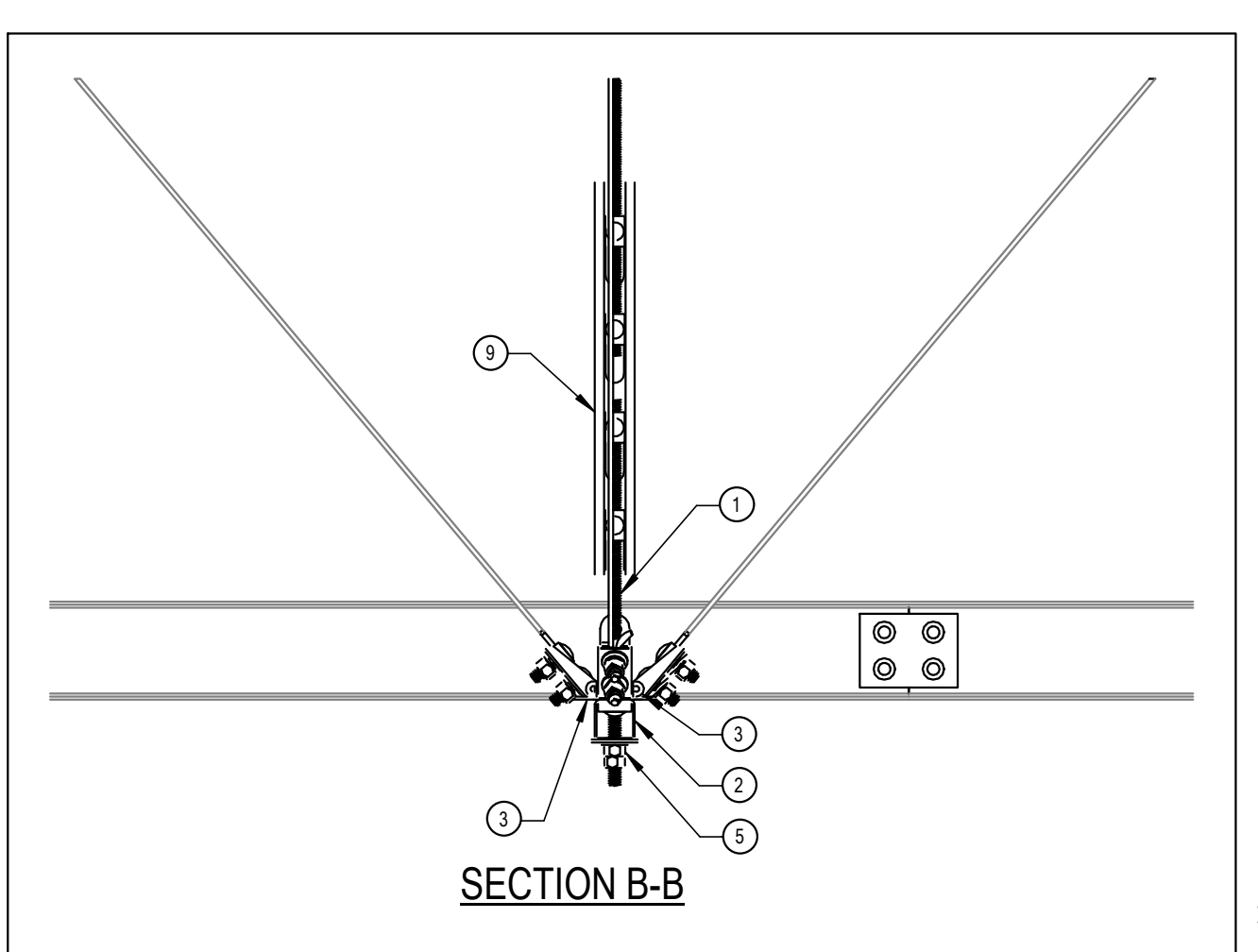


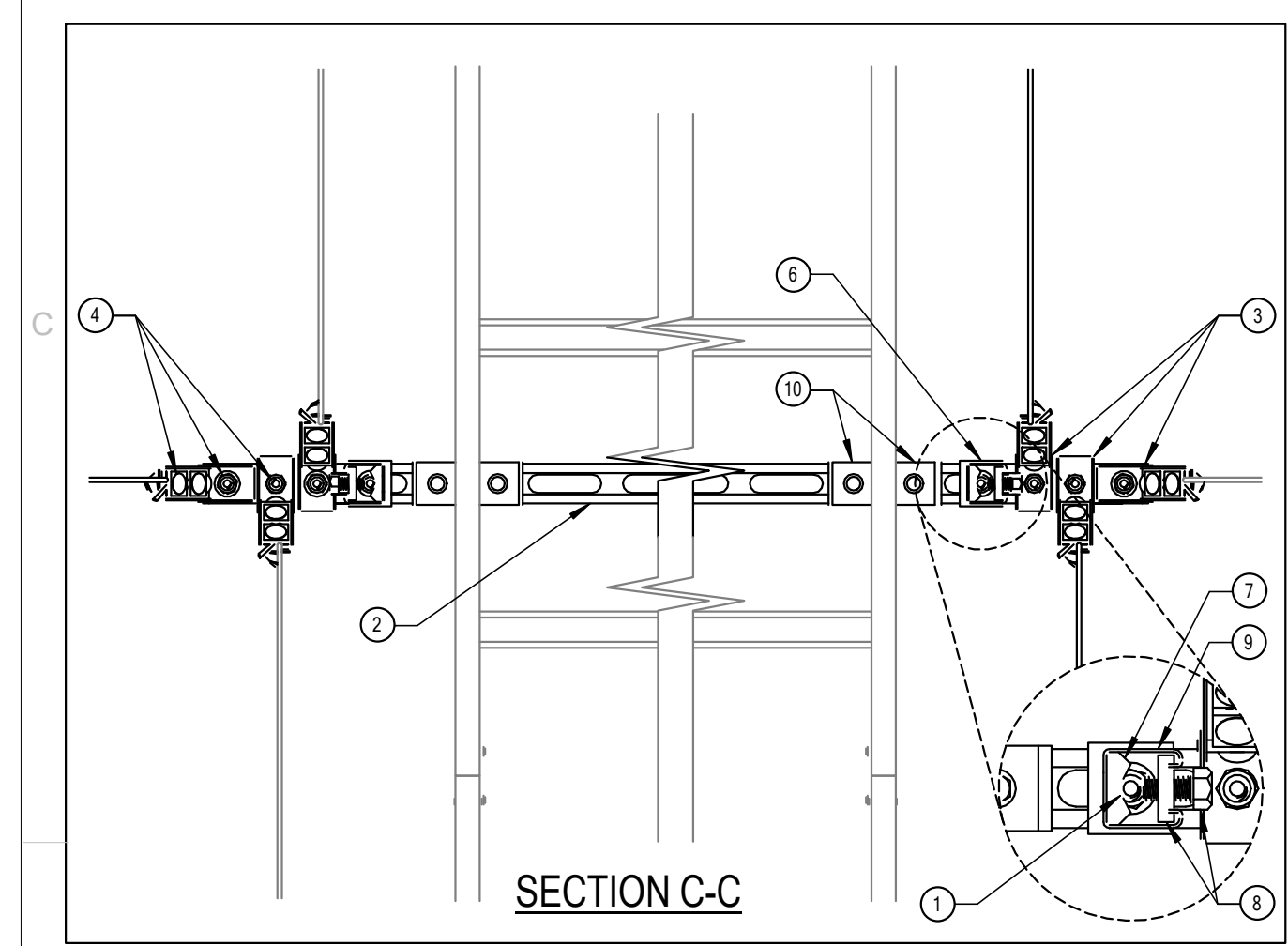
DIAGRAM (A001) TYP. RECESSED FIXTURE MOUNTING
NTS



SECTION A-A



SECTION B-B



SECTION C-C

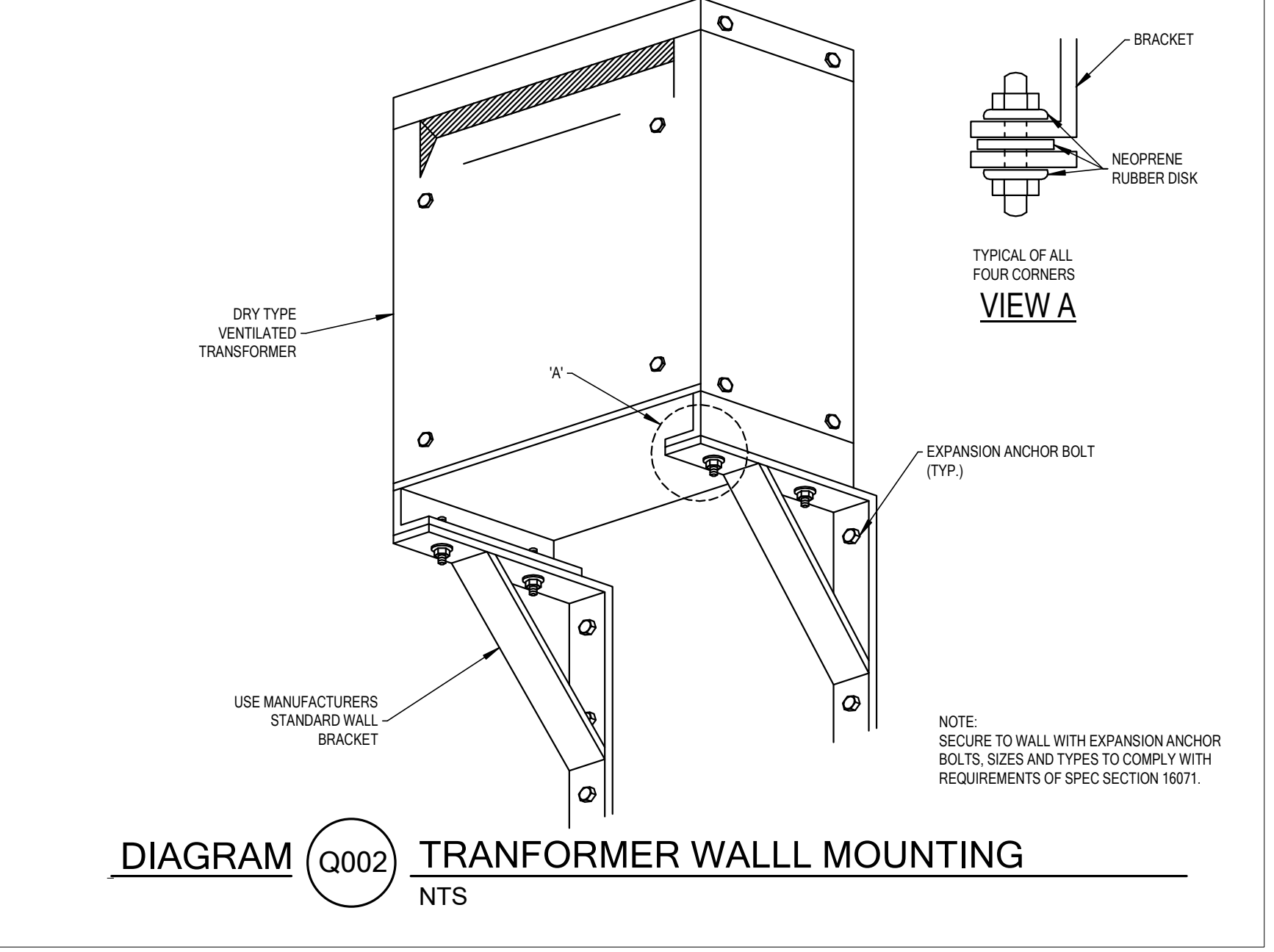
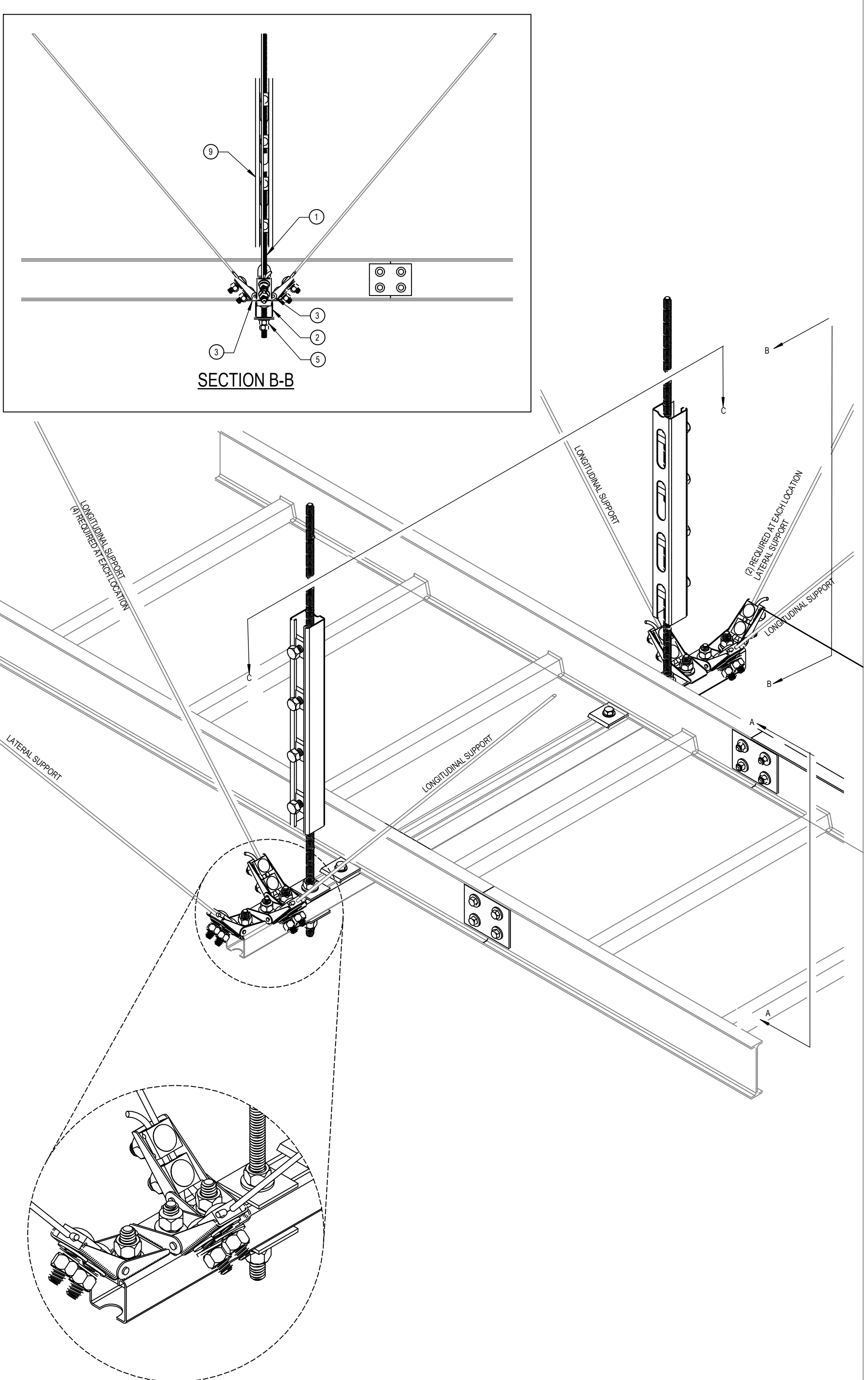


DIAGRAM (Q002) TRANSFORMER WALL MOUNTING
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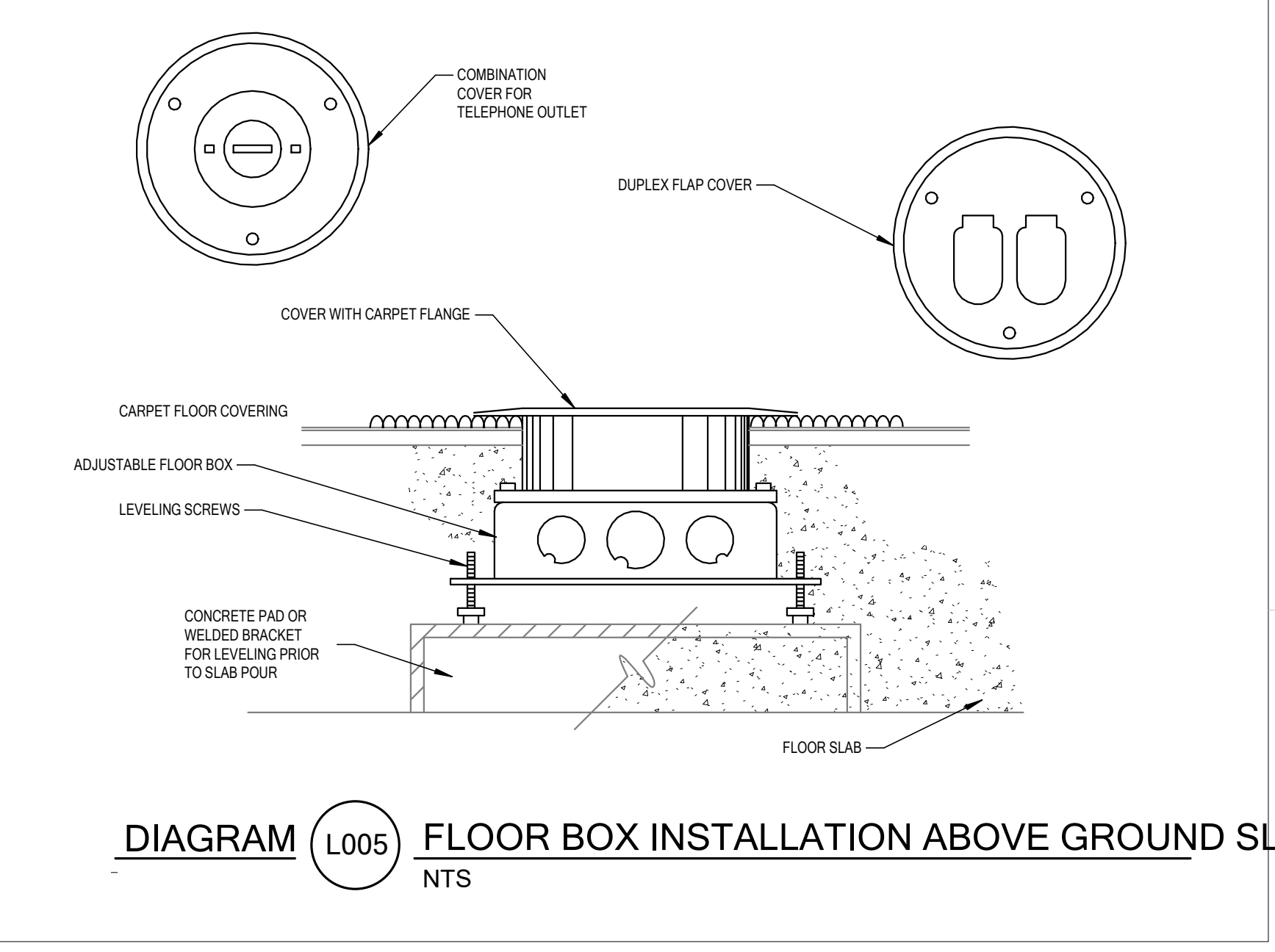


DIAGRAM (L005) FLOOR BOX INSTALLATION ABOVE GROUND SLAB
NTS

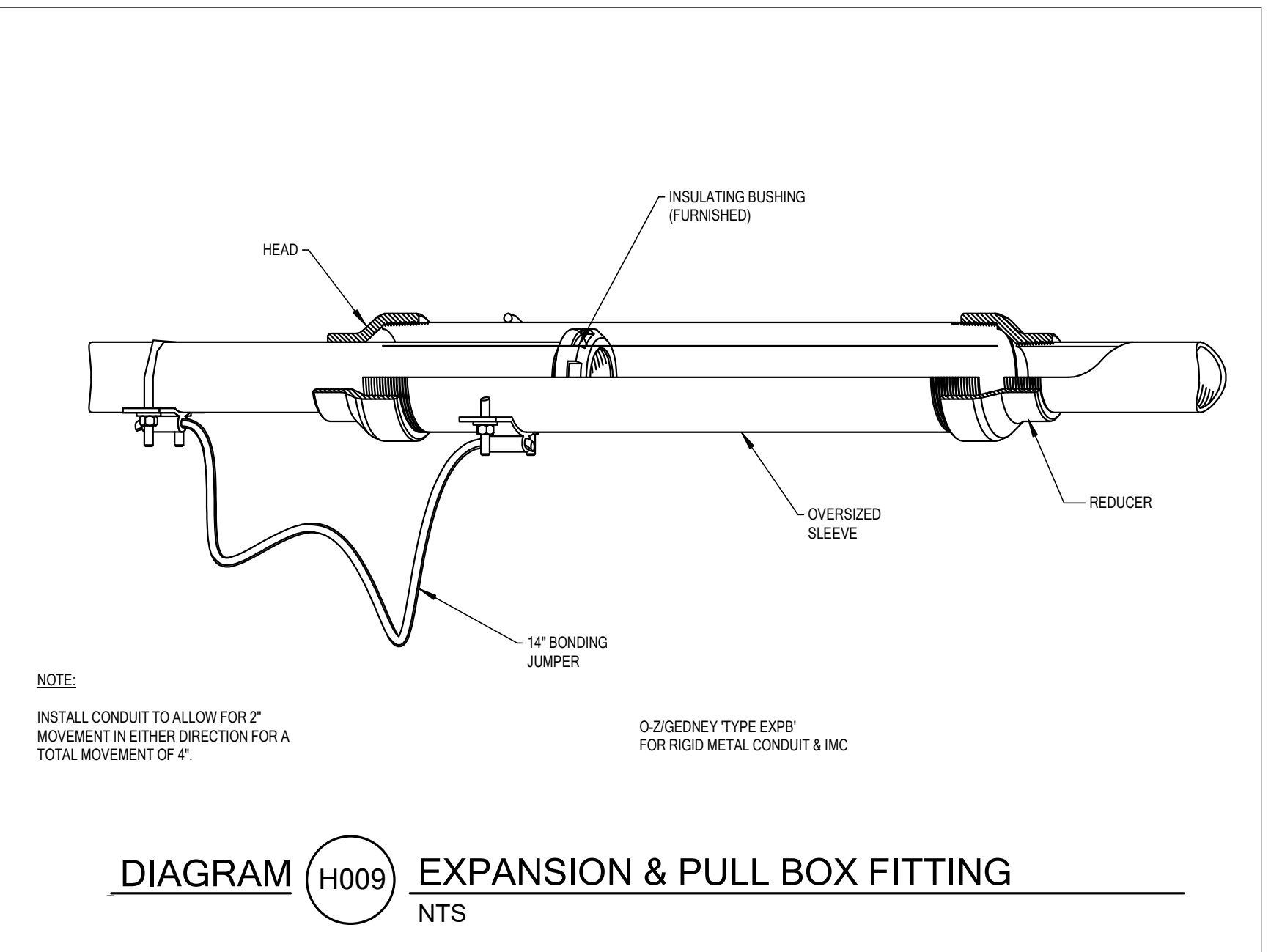


DIAGRAM (H009) EXPANSION & PULL BOX FITTING
NTS

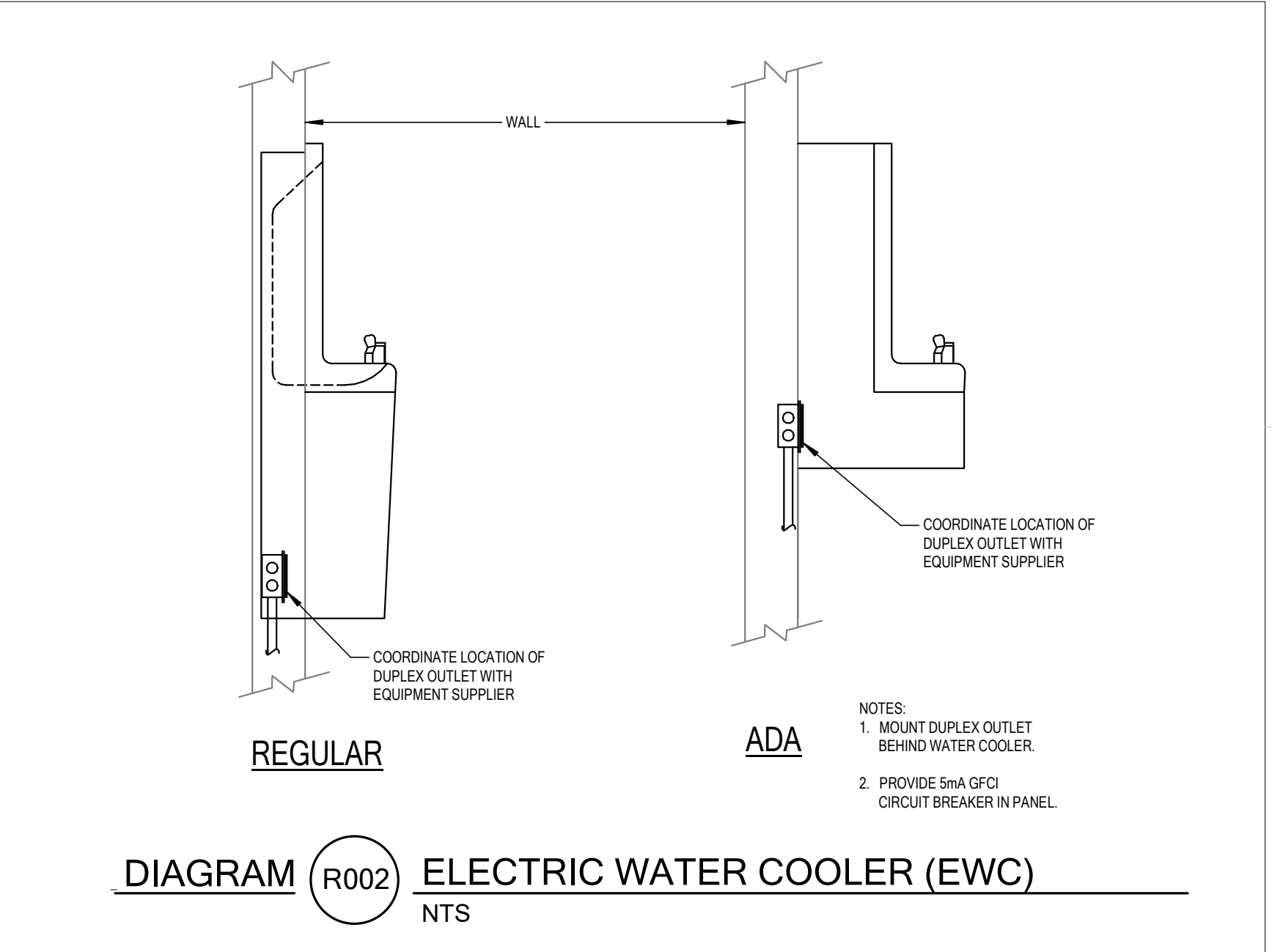


DIAGRAM (R002) ELECTRIC WATER COOLER (EWC)
NTS

PARTS LIST

ITEM No.	DESCRIPTION	SIZE	CATALOG No.
1	THREADED ROD (MIN. MODULUS OF ELASTICITY = 29,000 LB/SQ IN)	SEE SCHEDULE FOR DIAMETER	UNISTRUT
2	METAL FRAMING CHANNEL	1-5/8\"/>	
3	CABLE BRACE SWIVEL ANCHOR	SEE TABLE	
4	HEX HEAD CAP SCREW WITH SPRING NUT	1/2-1/2"	
5	FLAT WASHER WITH HEX NUT	3/8"	
6	FLAT PLATE FITTING WITH HEX NUT	3/8\"/>	
7	CRADLE	3/8\"/>	
8	HEX HEAD CAP SCREW WITH NUT	1-5/8\"/>	
9	SLOTTED METAL FRAMING CHANNEL		
10	CABLE TRAY ATTACHMENT CLIP W/CAP SCREW & NUT		

NOTES:

1. PROVIDE LONGITUDINAL AND LATERAL SUPPORT SPACING IN ACCORDANCE WITH THE FOLLOWING:

MAX. CABLE TRAY PLUS CABLE WT.	VERTICAL SUPPORT SPACING	LATERAL SUPPORT SPACING	LONGITUDINAL SUPPORT SPACING	ROD DIAMETER	CABLE BRACE SWIVEL ANCHOR & CABLE
25 POUNDS/FOOT	10 FEET	10 FEET	20 FEET	.375 INCHES	SCB2
50 POUNDS/FOOT	10 FEET	10 FEET	20 FEET	.500 INCHES	SCB3

2. PROVIDE METAL FRAMING CHANNEL ON ALL VERTICAL SUPPORTS WHEN ROD LENGTH EXCEEDS 14\"/>

GENERAL NOTES

1. COORDINATE ROUTING OF CABLE TRAYS AND SUPPORT SYSTEMS WITH DIVISION 23.

2. DO NOT SUPPORT FROM BOTTOM CHORD OF STEEL TRUSSES.

DIAGRAM (H006) SEISMIC BRACING FOR CABLE TRAY/CABLES
NTS

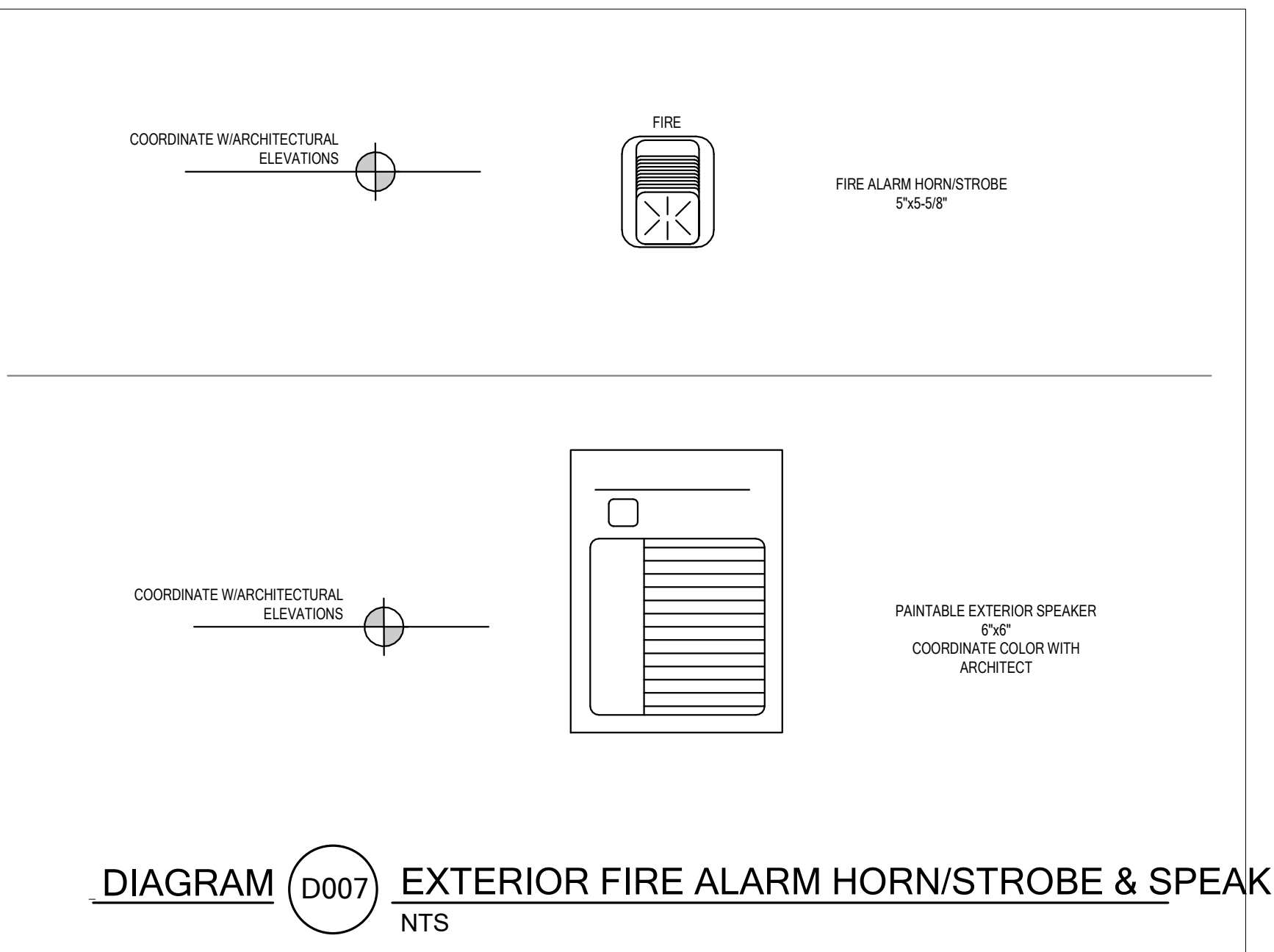


DIAGRAM (D007) EXTERIOR FIRE ALARM HORN/STROBE & SPEAKER
NTS

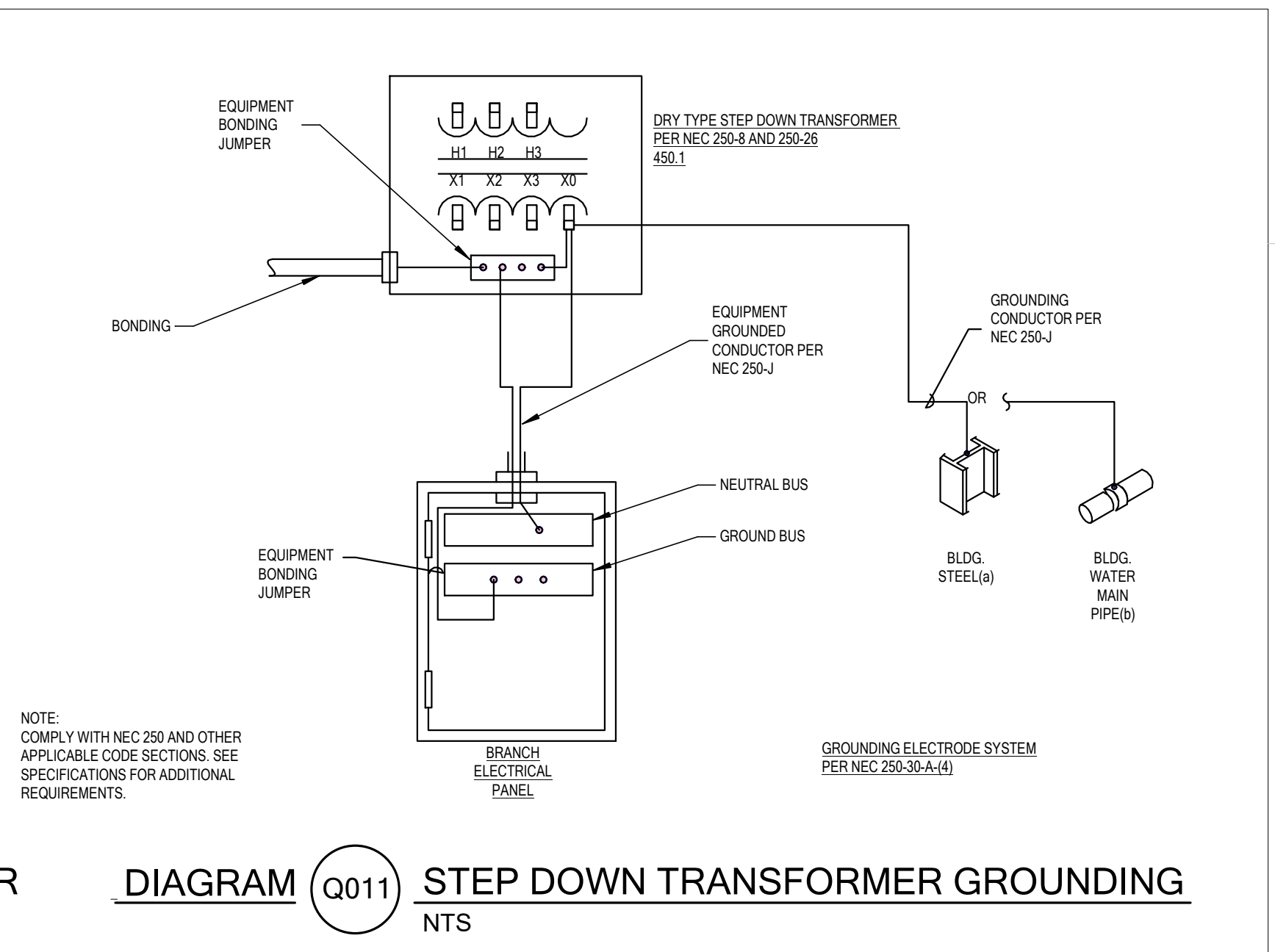


DIAGRAM (Q001) STEP DOWN TRANSFORMER GROUNDING
NTS

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03/20/24 10:17:12 AM

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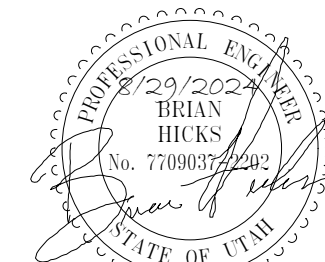
MHTN PROJECT NO. 2024528
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NO.	DATE	DESCRIPTION

ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024
SHEET NAME
ELECTRICAL DIAGRAMS
SHEET NUMBER
E501

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NO.	DATE	DESCRIPTION

ISSUE:
CONSTRUCTION DOCUMENTS
August 29, 2024

SHEET NAME:
ELECTRICAL DIAGRAMS

SHEET NUMBER

E502

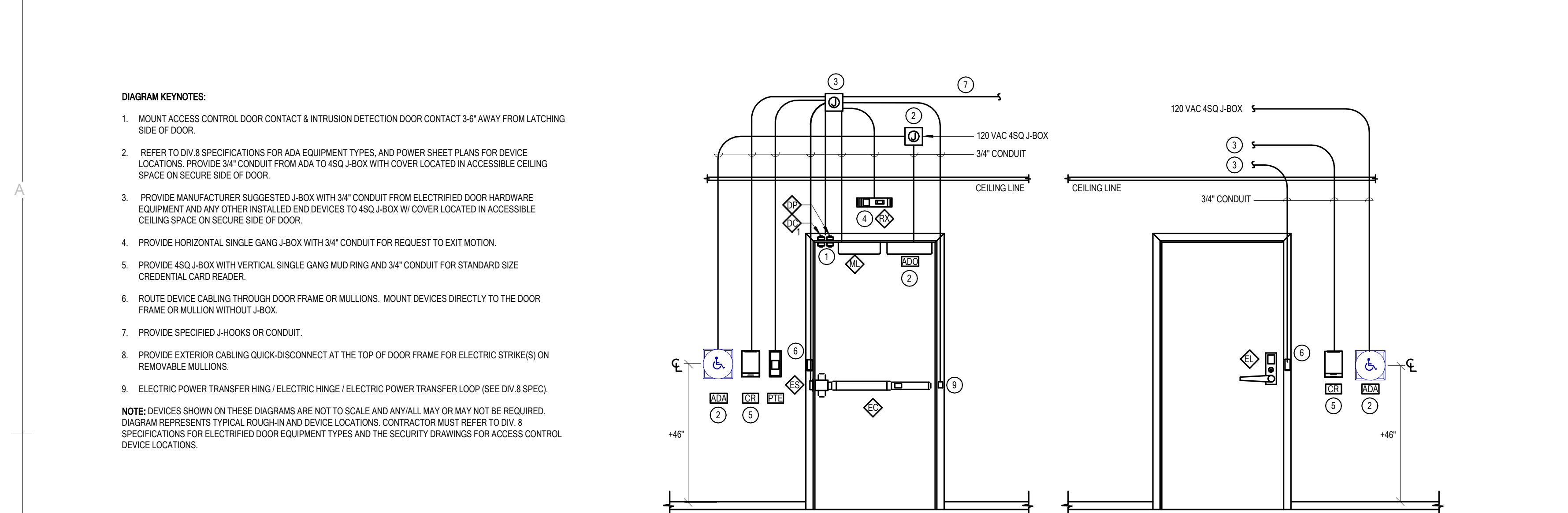


DIAGRAM EY101 TYPICAL ACCESS CONTROL & ELECTRIFIED DOOR HARDWARE DIAGRAMS
NTS

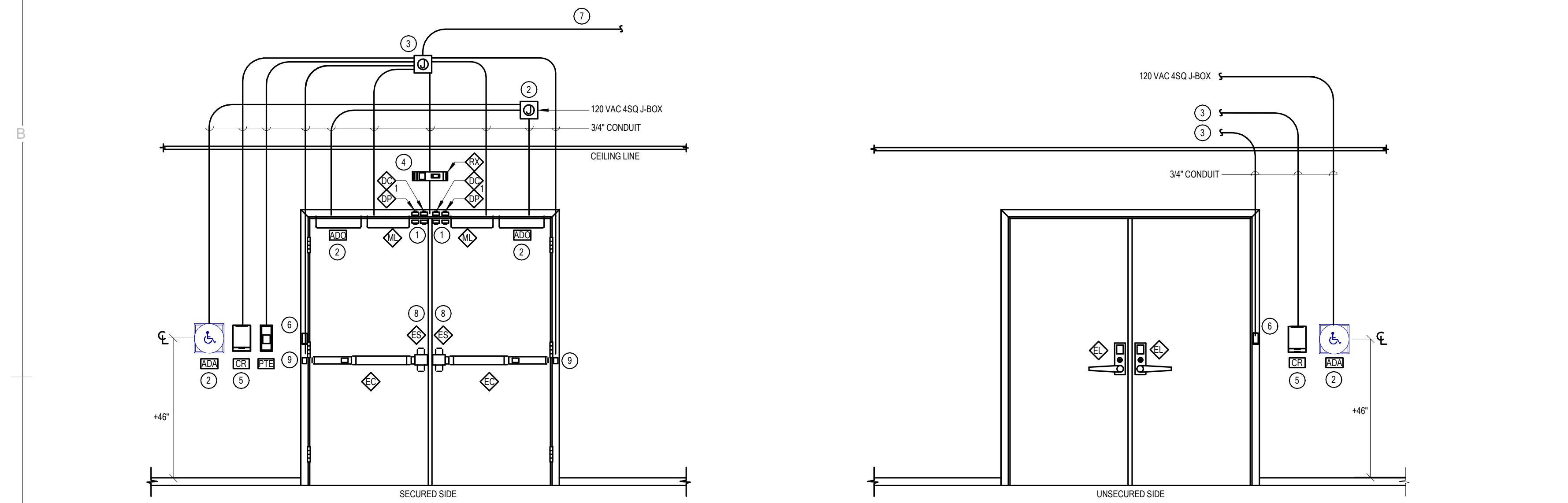


DIAGRAM EY102 TYPICAL ACCESS CONTROL & ELECTRIFIED DOOR HARDWARE DIAGRAMS
NTS

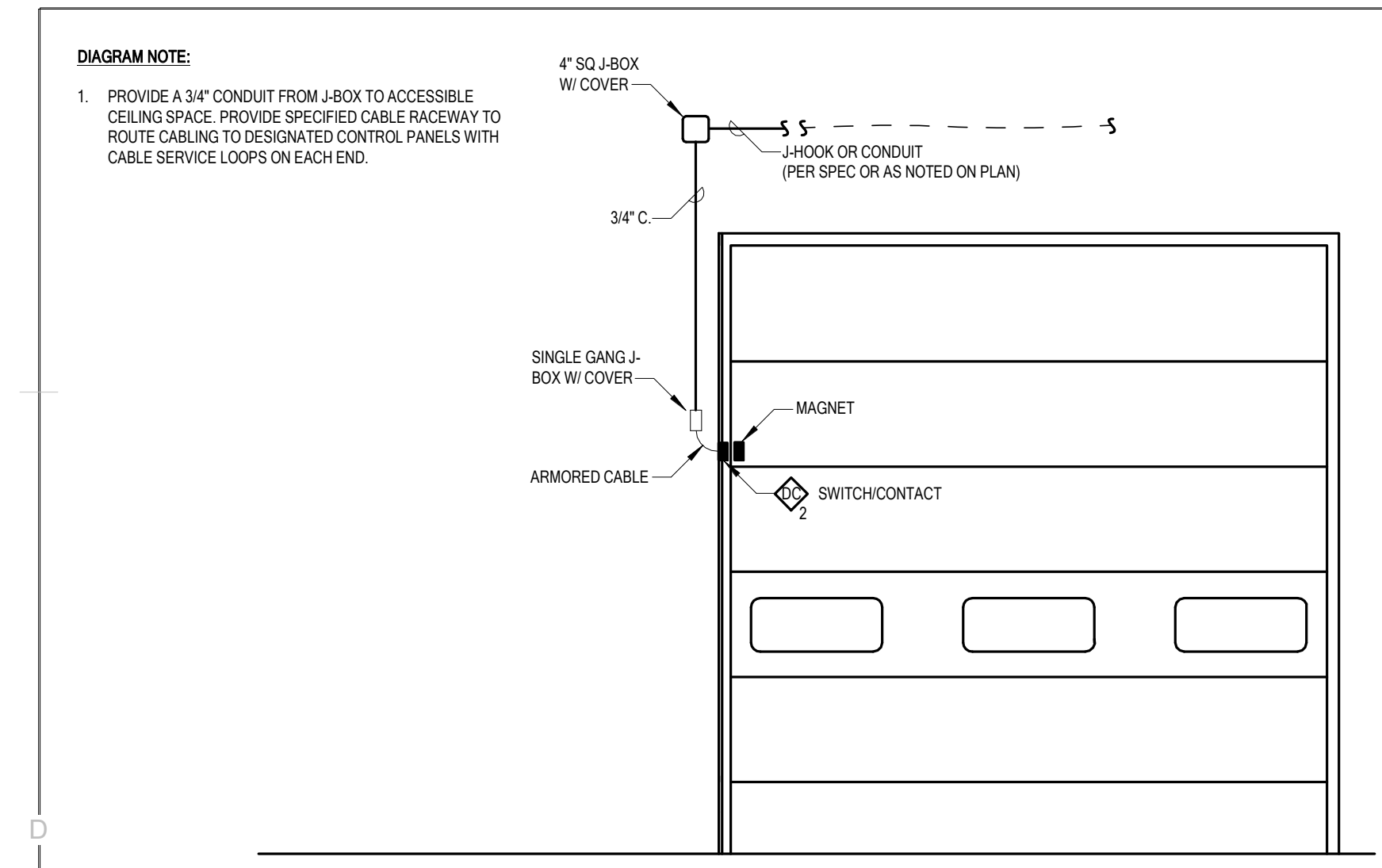


DIAGRAM EY104 TYPICAL GARAGE DOOR WITH CONTACT
NTS

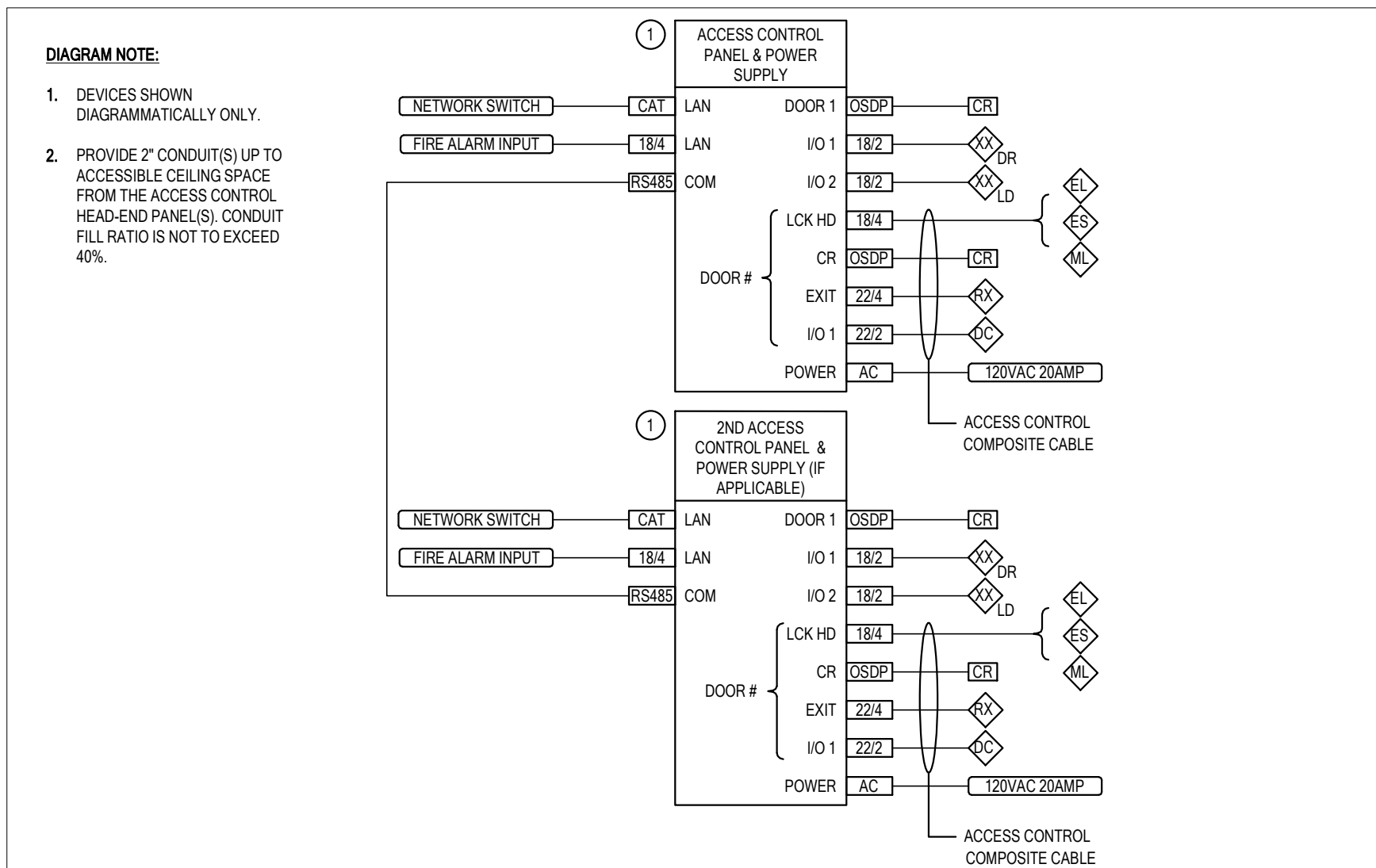


DIAGRAM EY002 TYPICAL ACCESS CONTROL - ONE LINE DIAGRAM
NTS

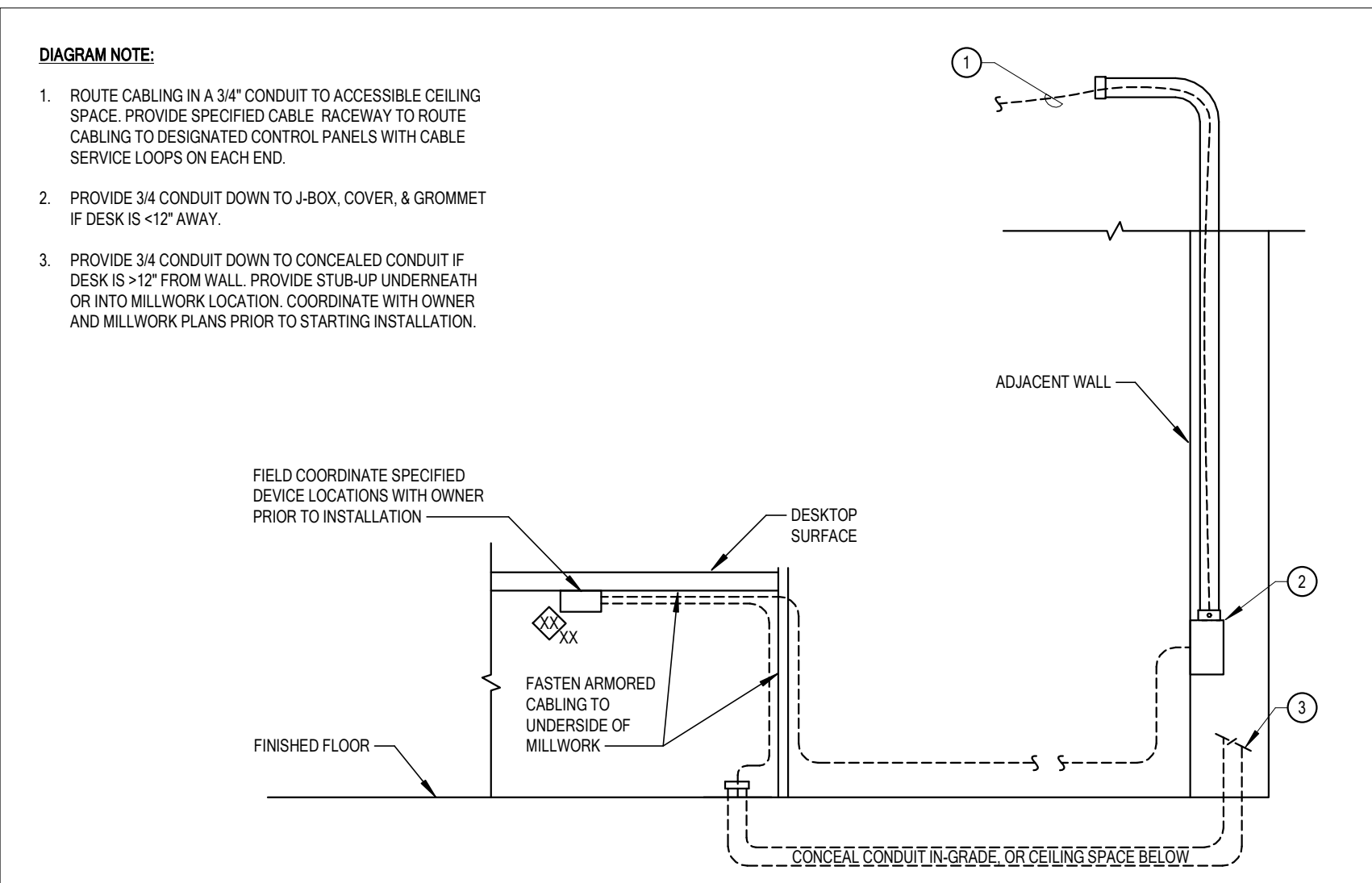


DIAGRAM EY503 TYPICAL MILLWORK SECURITY DEVICES
NTS

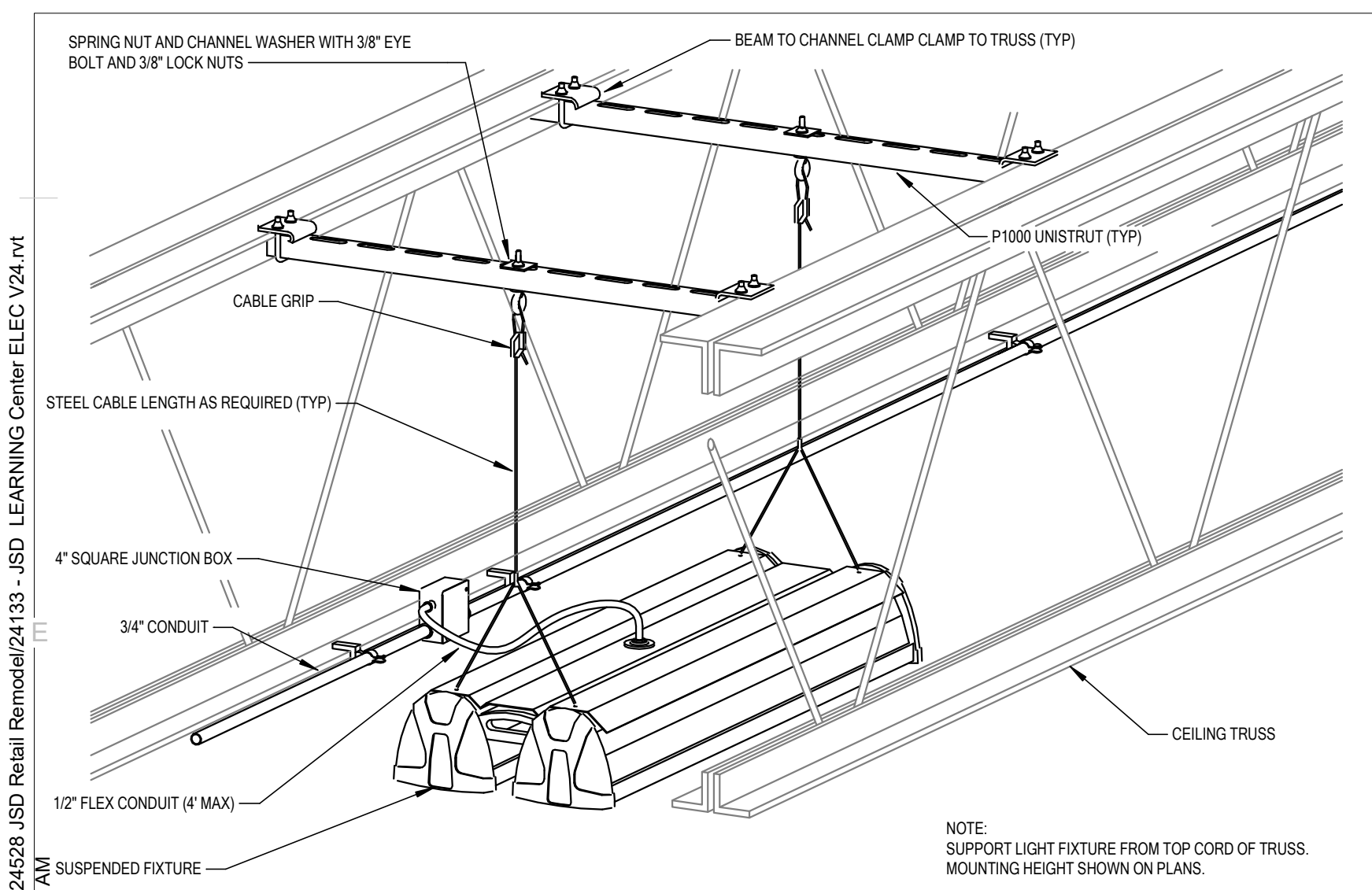


DIAGRAM A024 SUSPENDED LIGHT FIXTURE
NTS

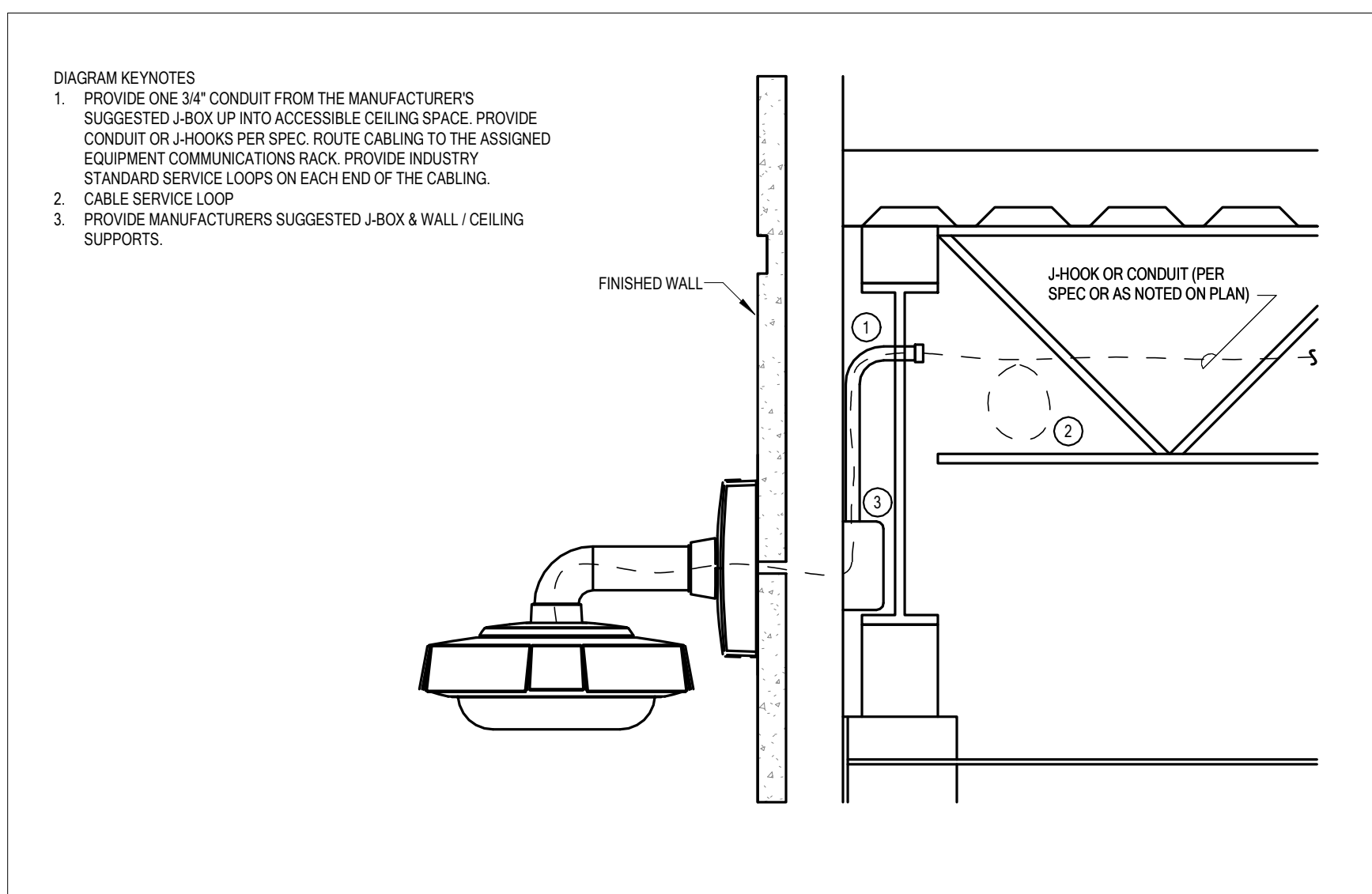


DIAGRAM EY403 TYPICAL EXTERIOR CAMERA MOUNT
NTS

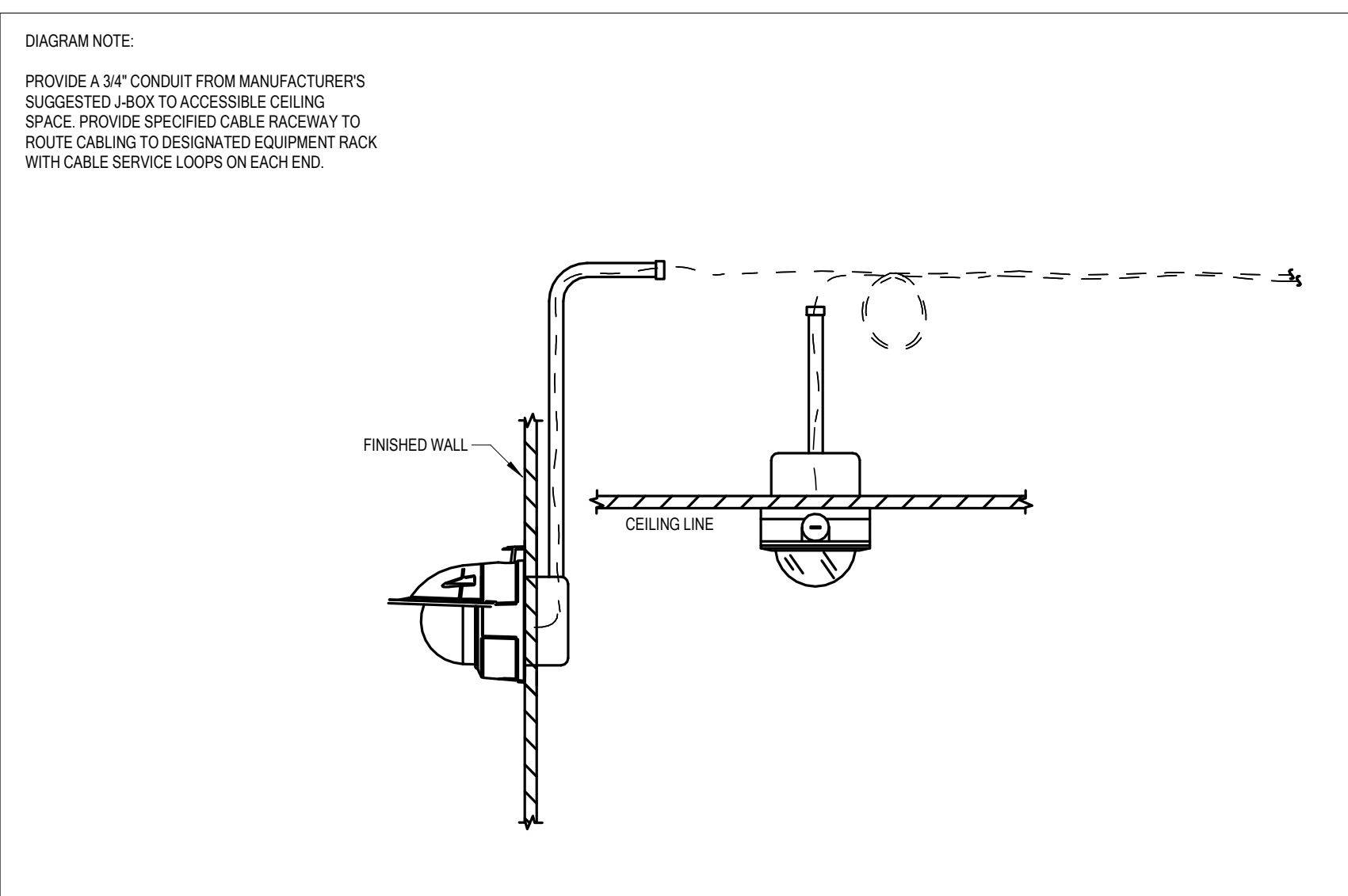


DIAGRAM EY401 TYPICAL CAMERA MOUNTING
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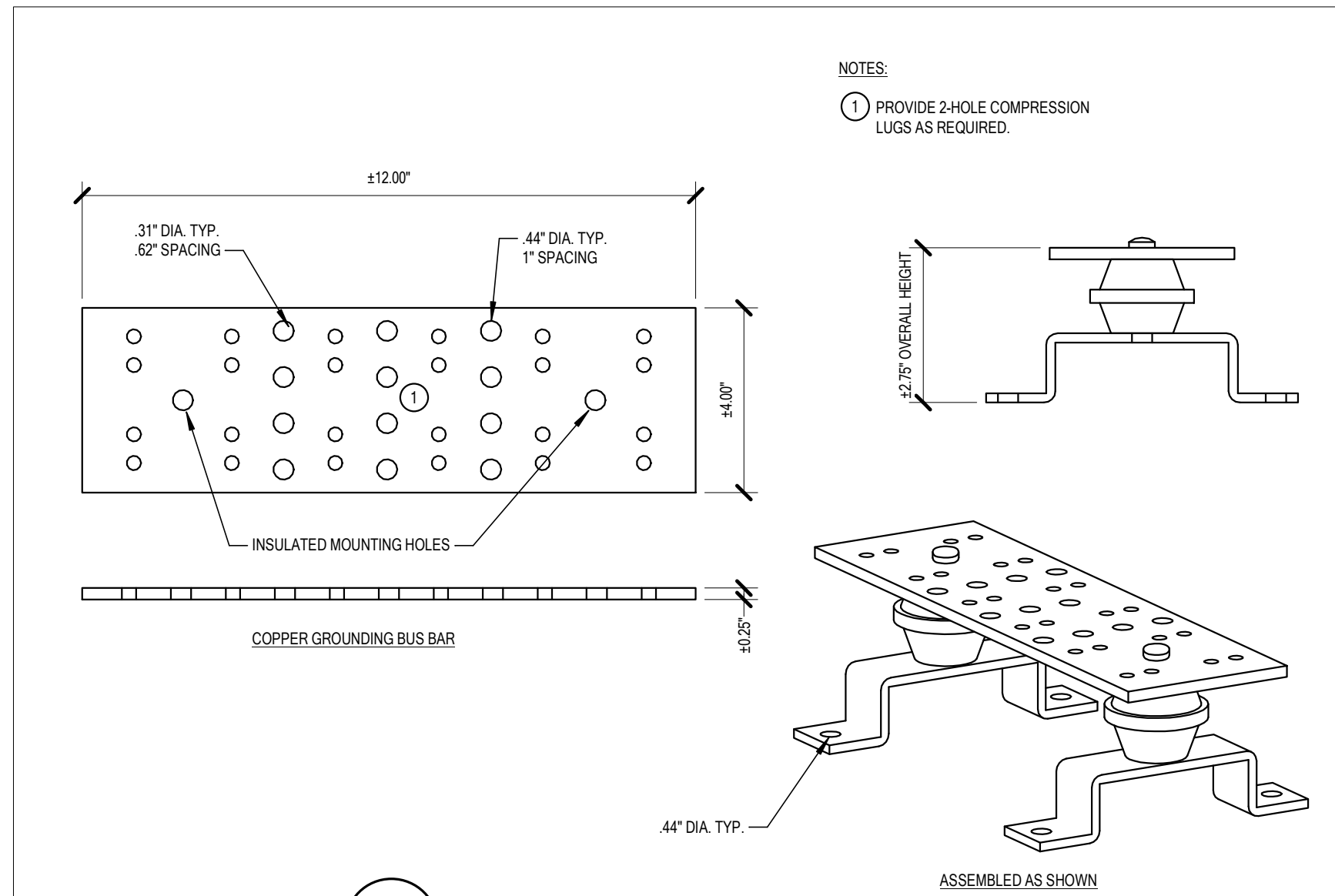


DIAGRAM F018 GROUNDING BUS BAR "TMGB"
NTS

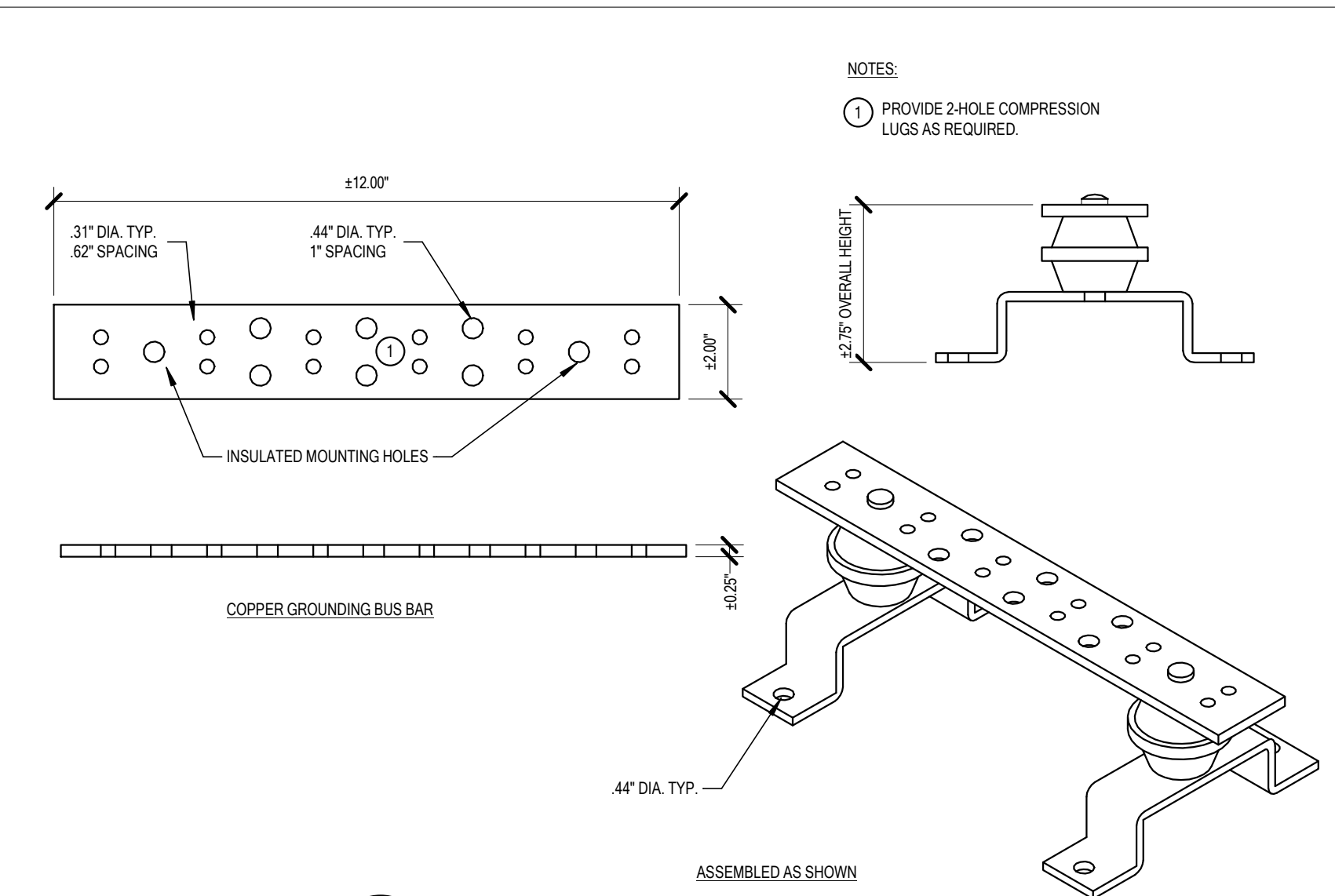


DIAGRAM F019 GROUNDING BUS BAR "IBT"
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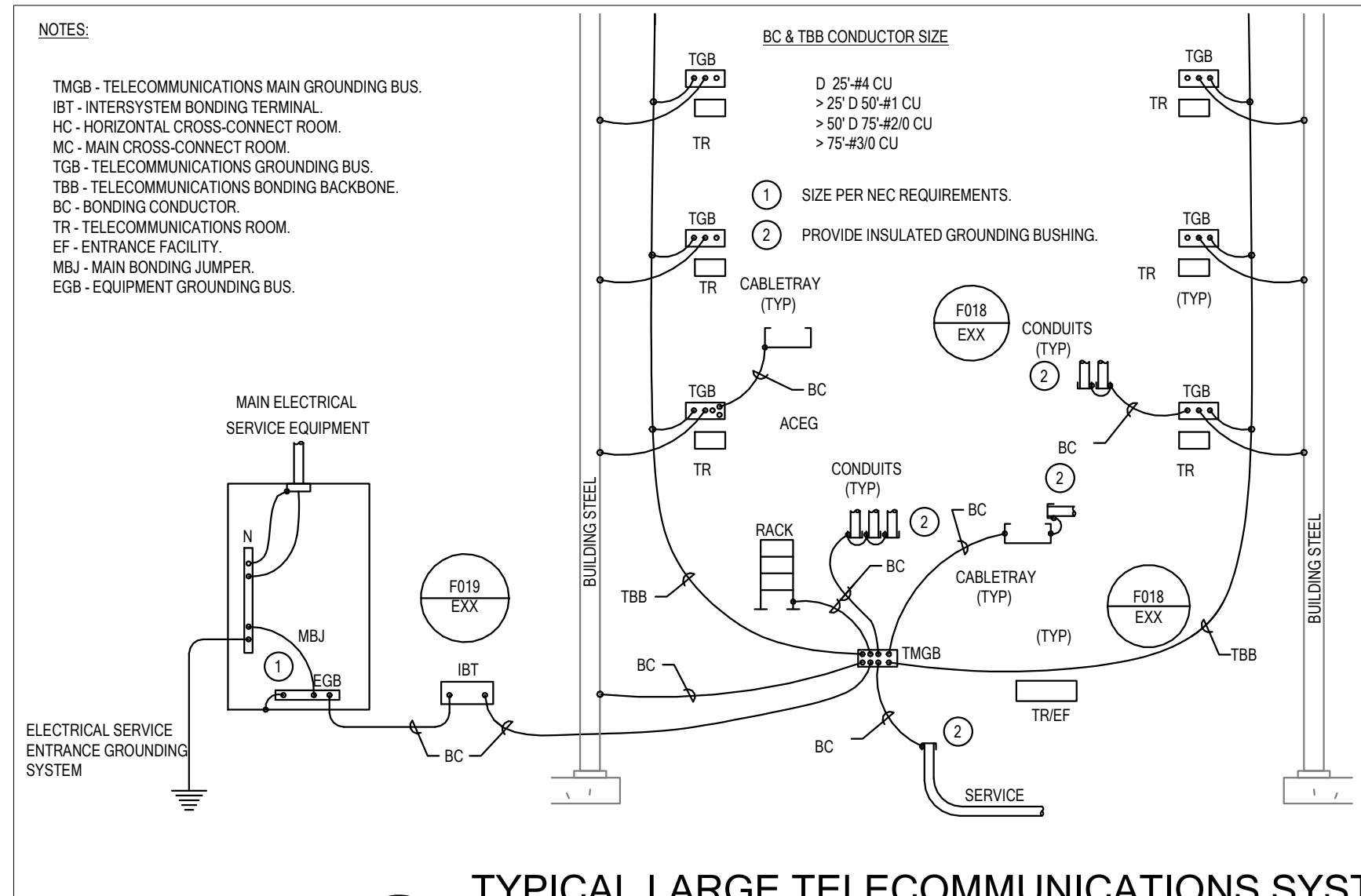


DIAGRAM F021 TYPICAL LARGE TELECOMMUNICATIONS SYSTEM GROUNDING/BONDING
NTS

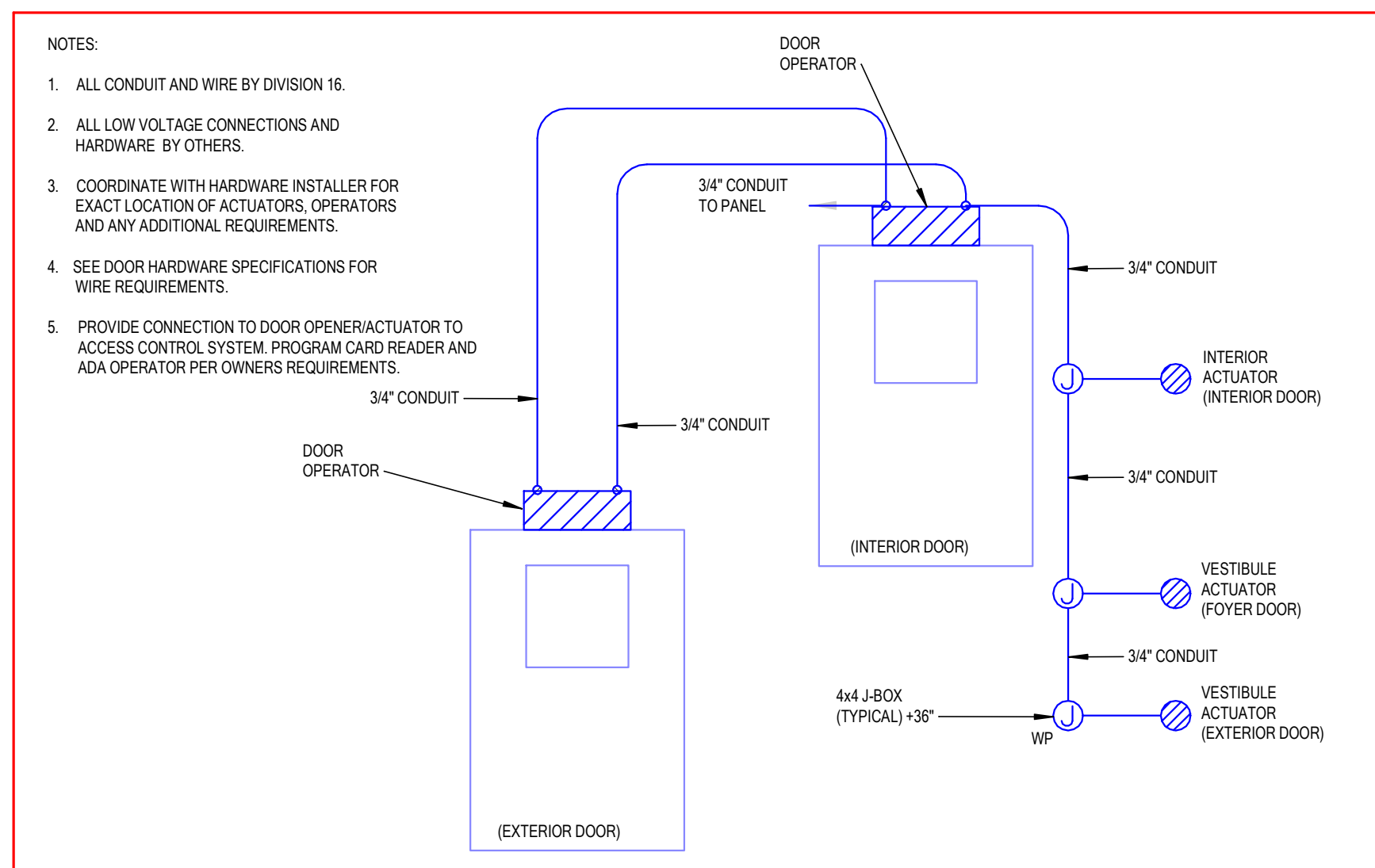


DIAGRAM E021 ADA ENTRY SHEETS
NTS

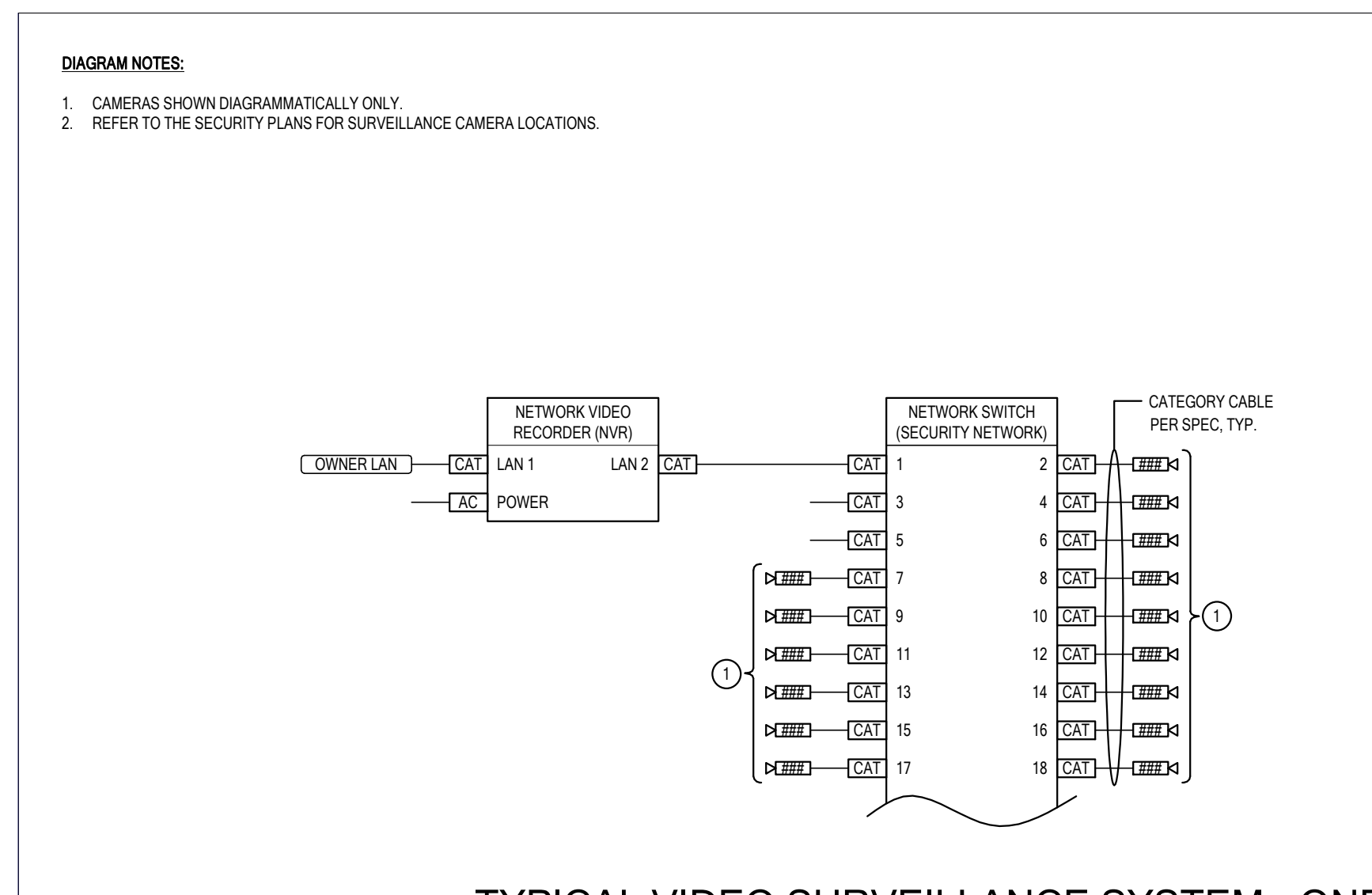


DIAGRAM EY001 TYPICAL VIDEO SURVEILLANCE SYSTEM - ONE LINE DIAGRAM
NTS

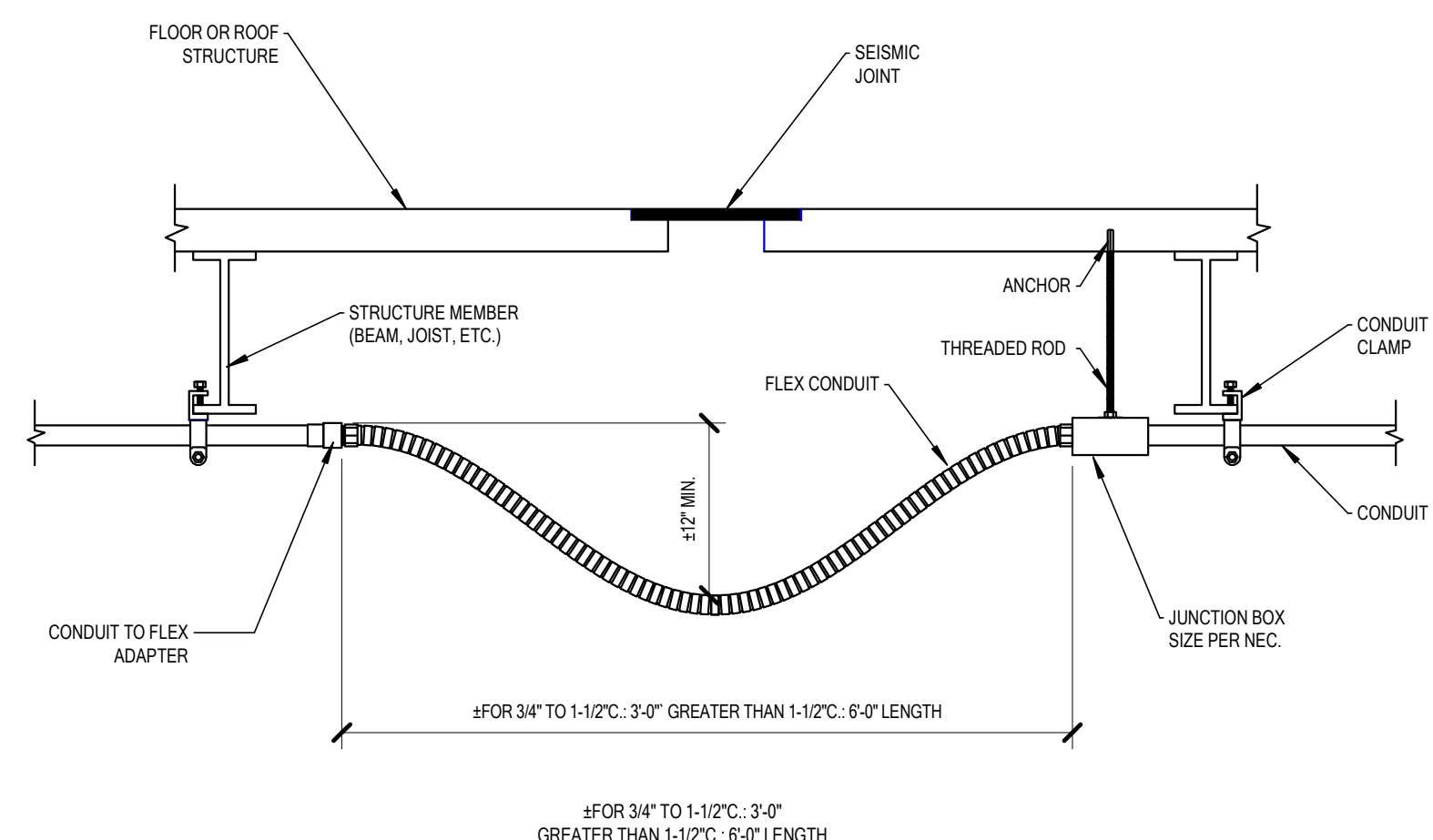


DIAGRAM H010 CONDUIT CROSSING SEISMIC JOINT
NTS

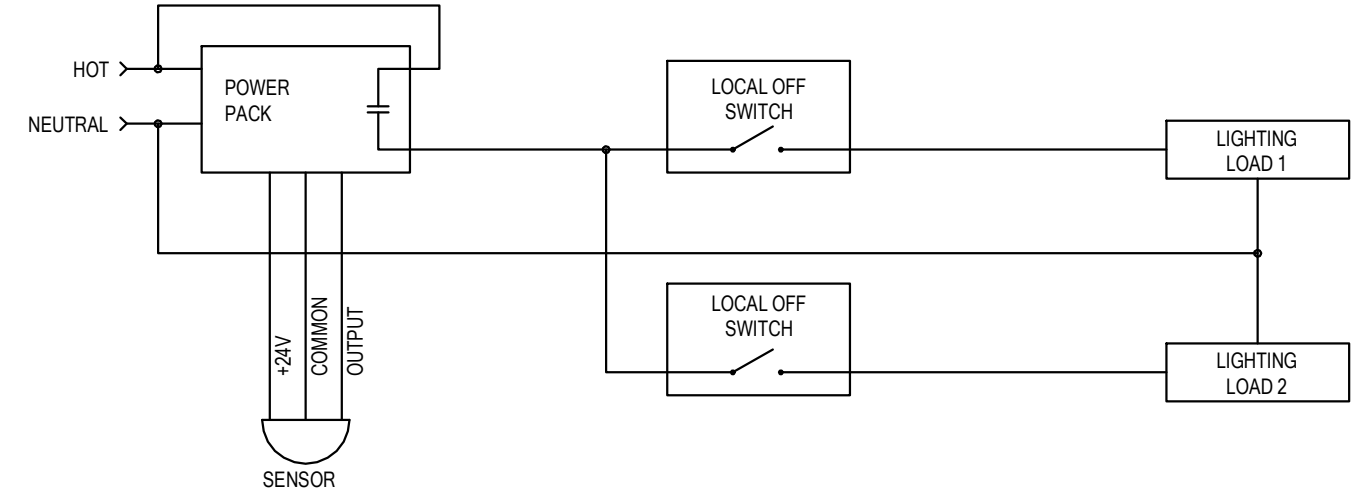


DIAGRAM S007 SENSOR CONTROLLING DUAL LEVEL LIGHTING
NTS

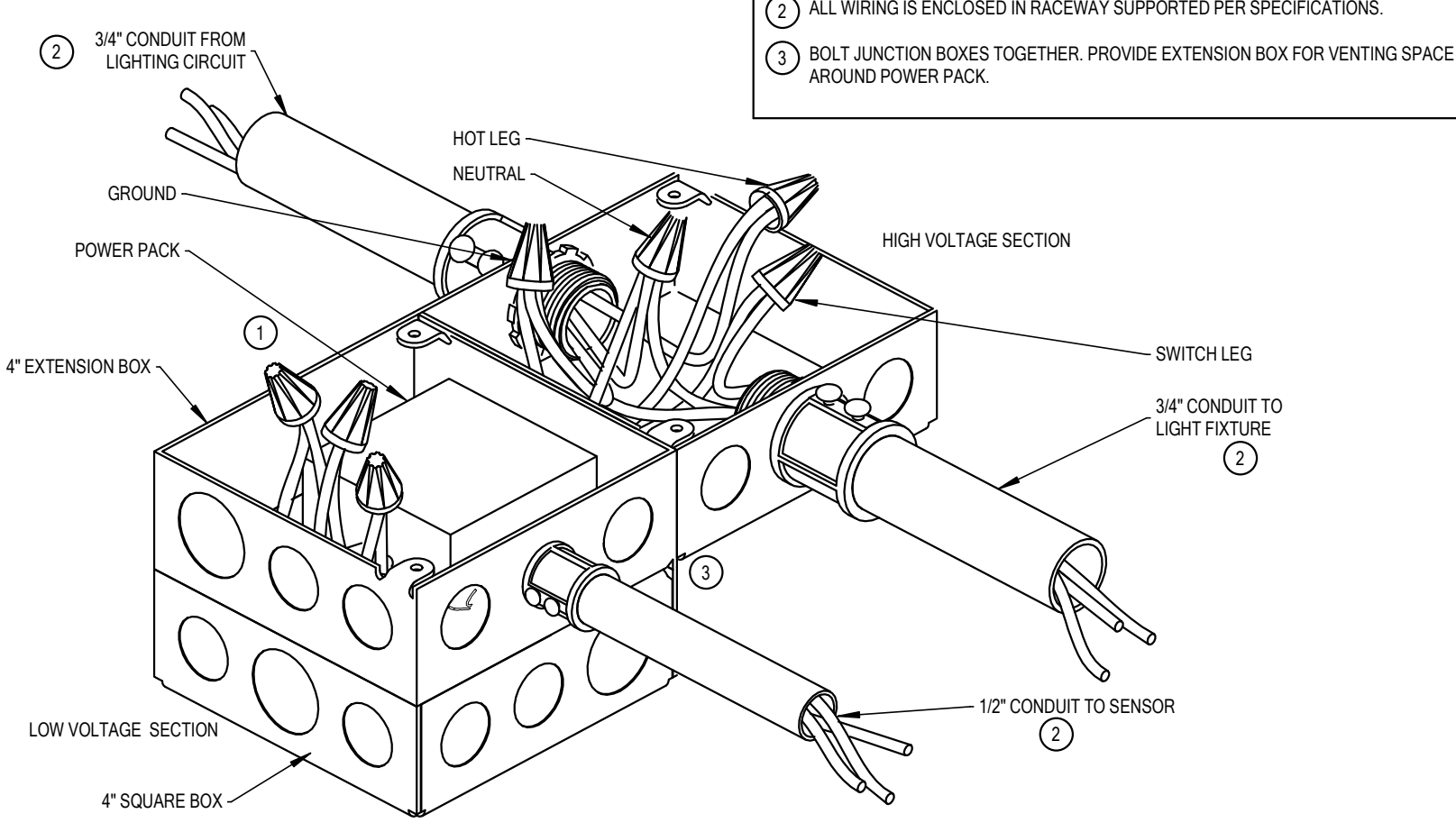


DIAGRAM S016 OCCUPANCY SENSOR POWER PACK
NTS

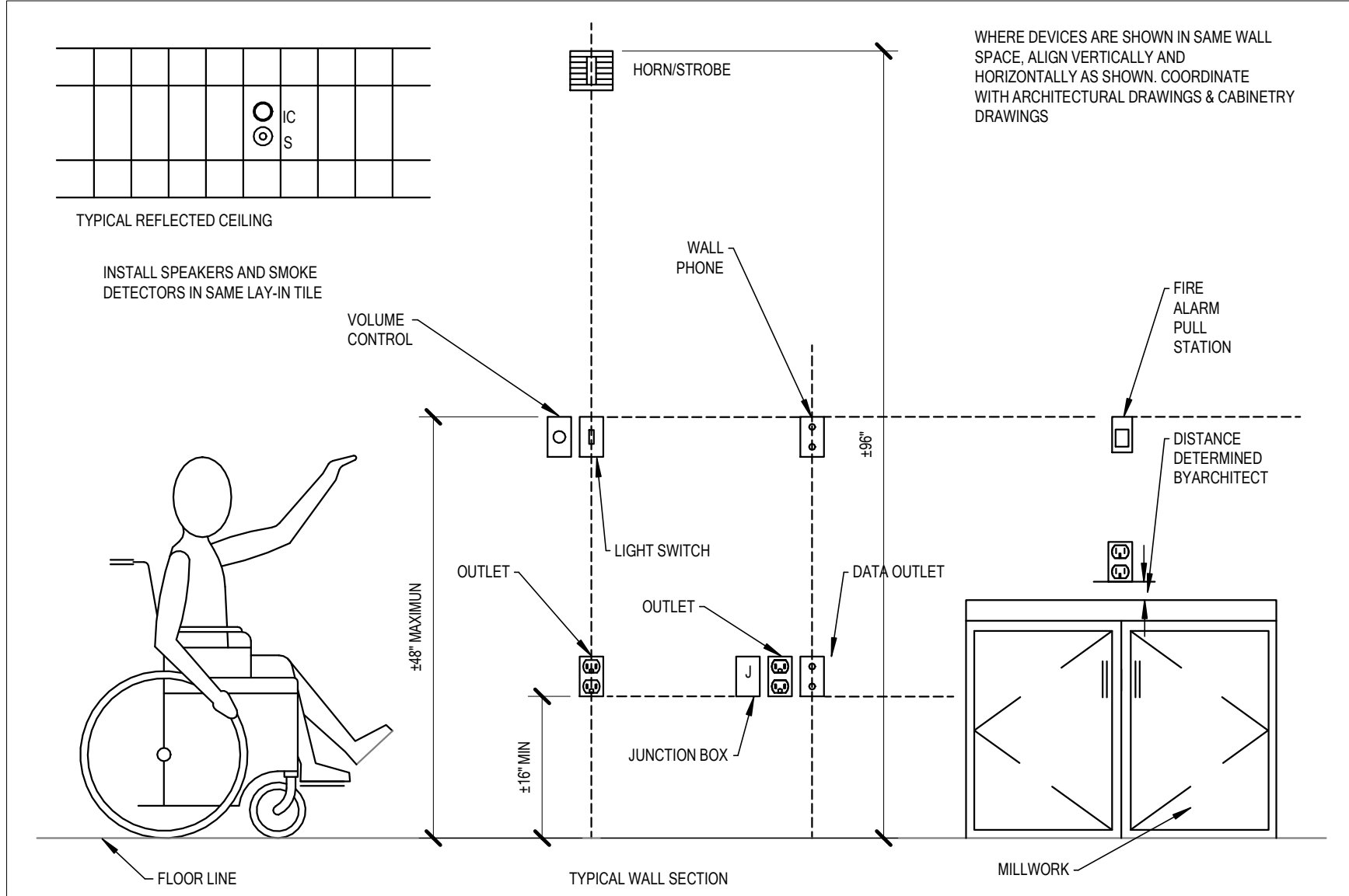


DIAGRAM R001 DEVICE MOUNTING HEIGHTS
NTS

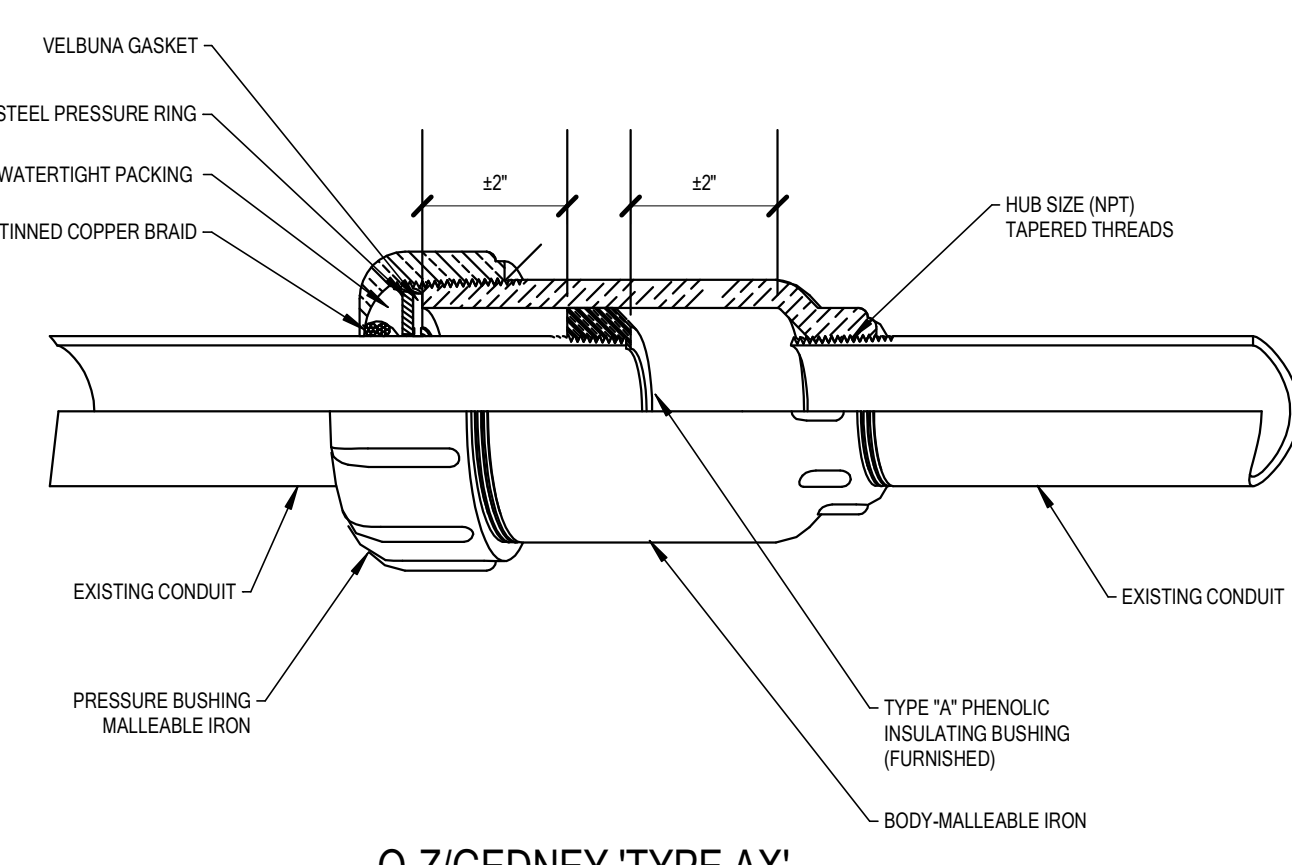


DIAGRAM H011 IN SLAB EXPANSION FITTING
NTS

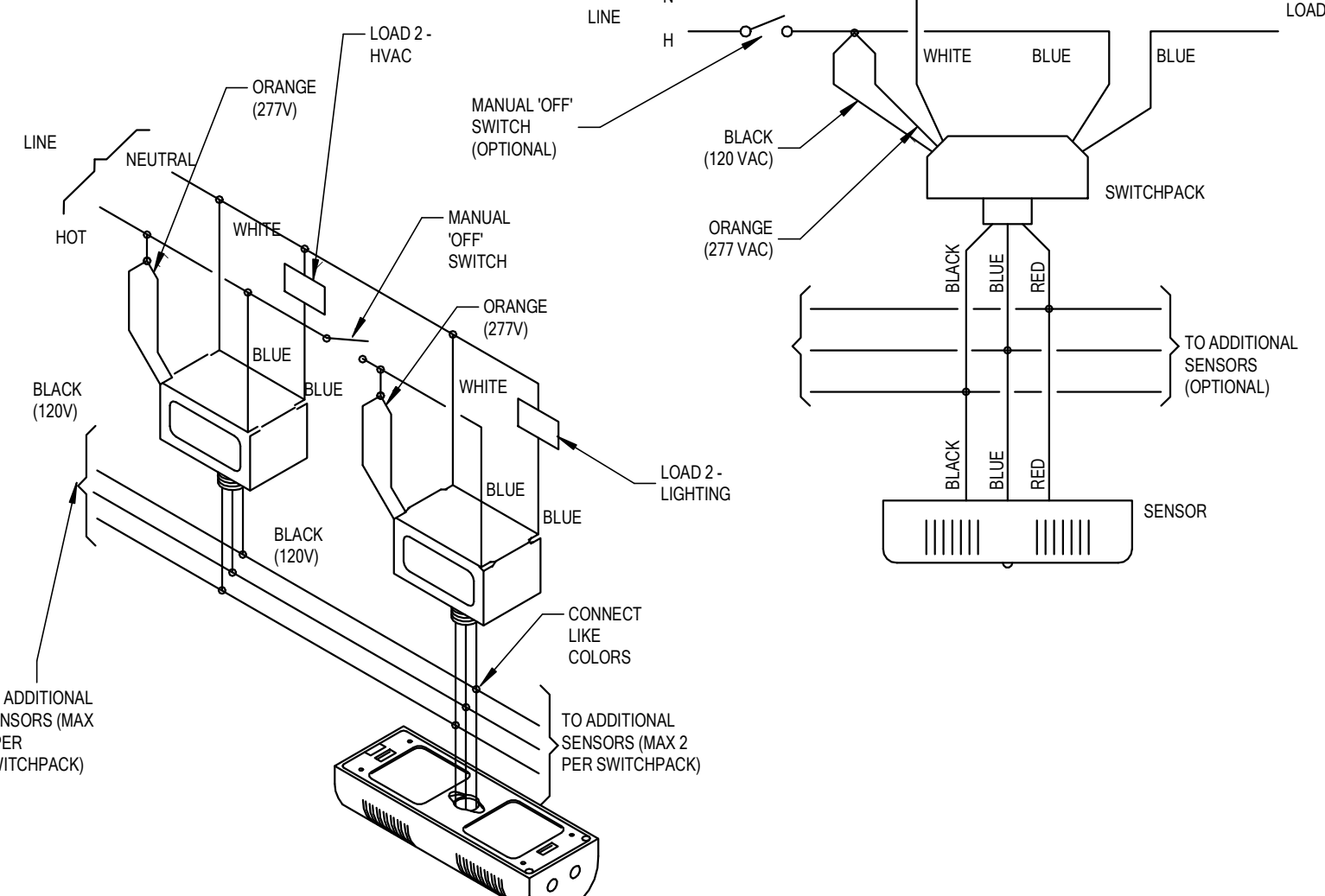


DIAGRAM R007 OCCUPANCY SENSOR WIRING DIAGRAM
NTS

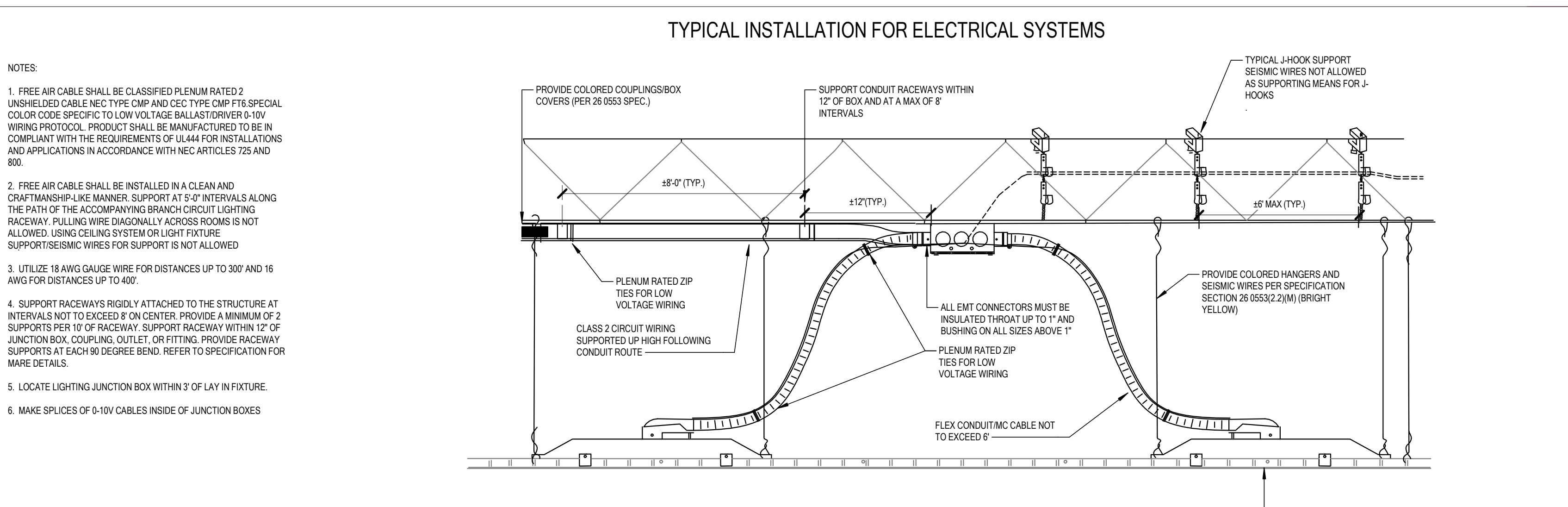


DIAGRAM A029 A029 - TYPICAL ABOVE CEILING ROUGH-IN
NTS

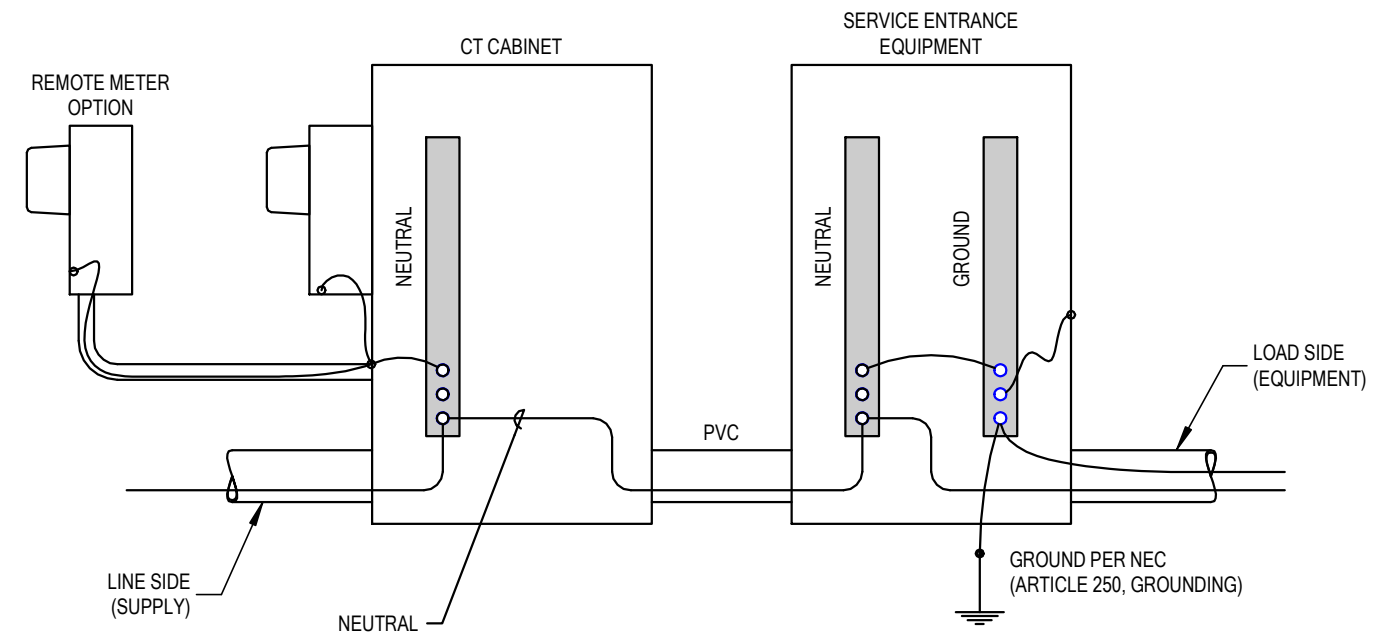


DIAGRAM Q007 SERVICE ENCLOSURE BONDING
NTS

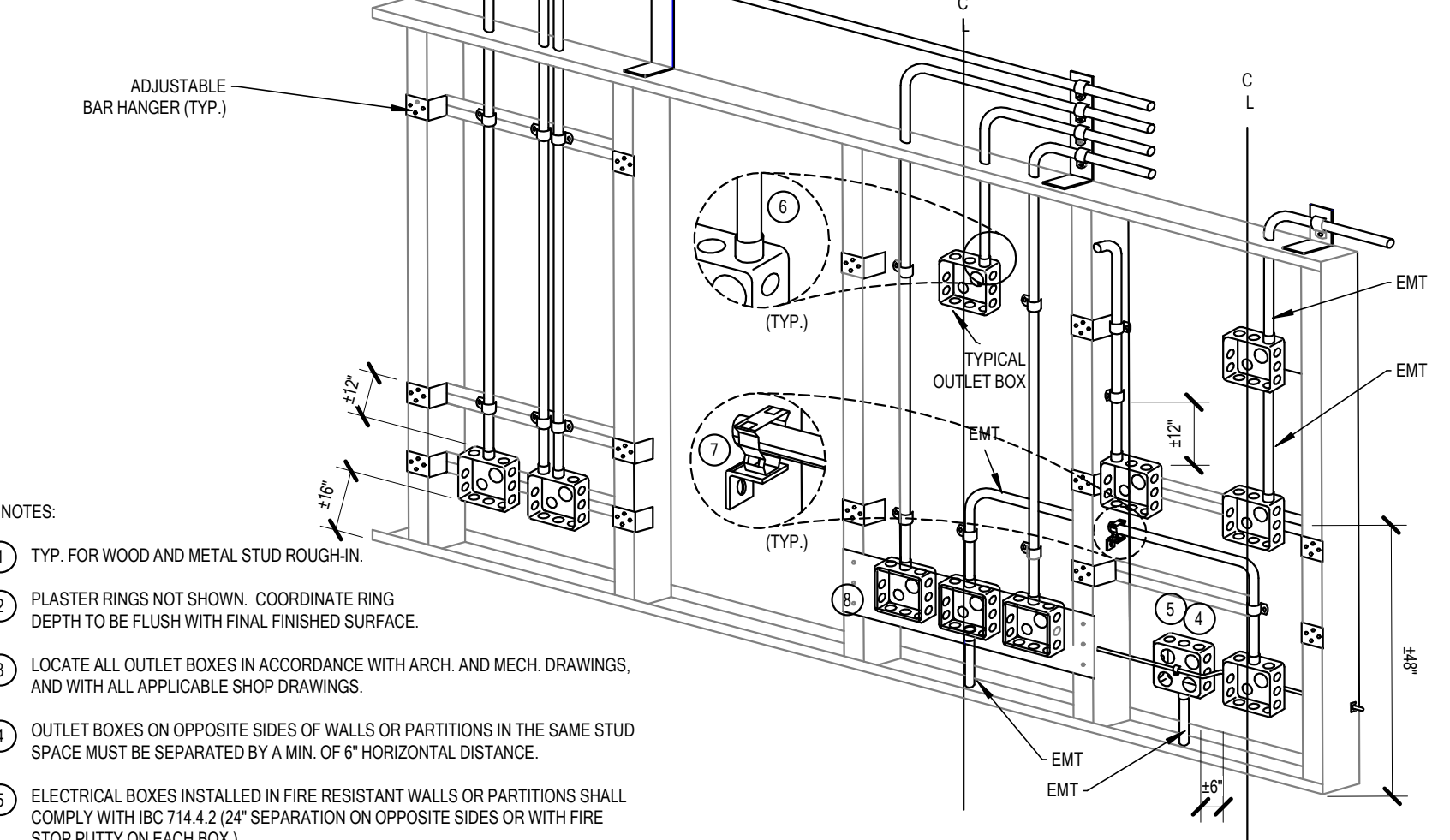


DIAGRAM H004 TYPICAL ROUGH IN REQUIREMENTS
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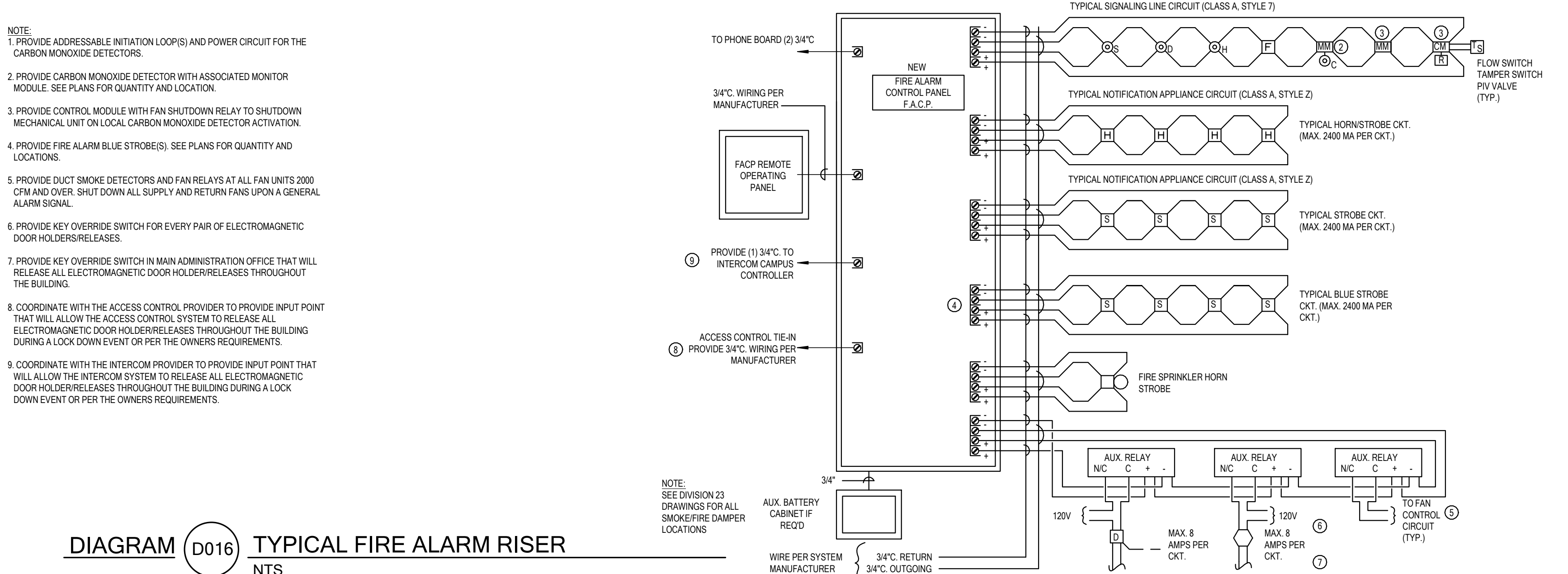


DIAGRAM D016 TYPICAL FIRE ALARM RISER
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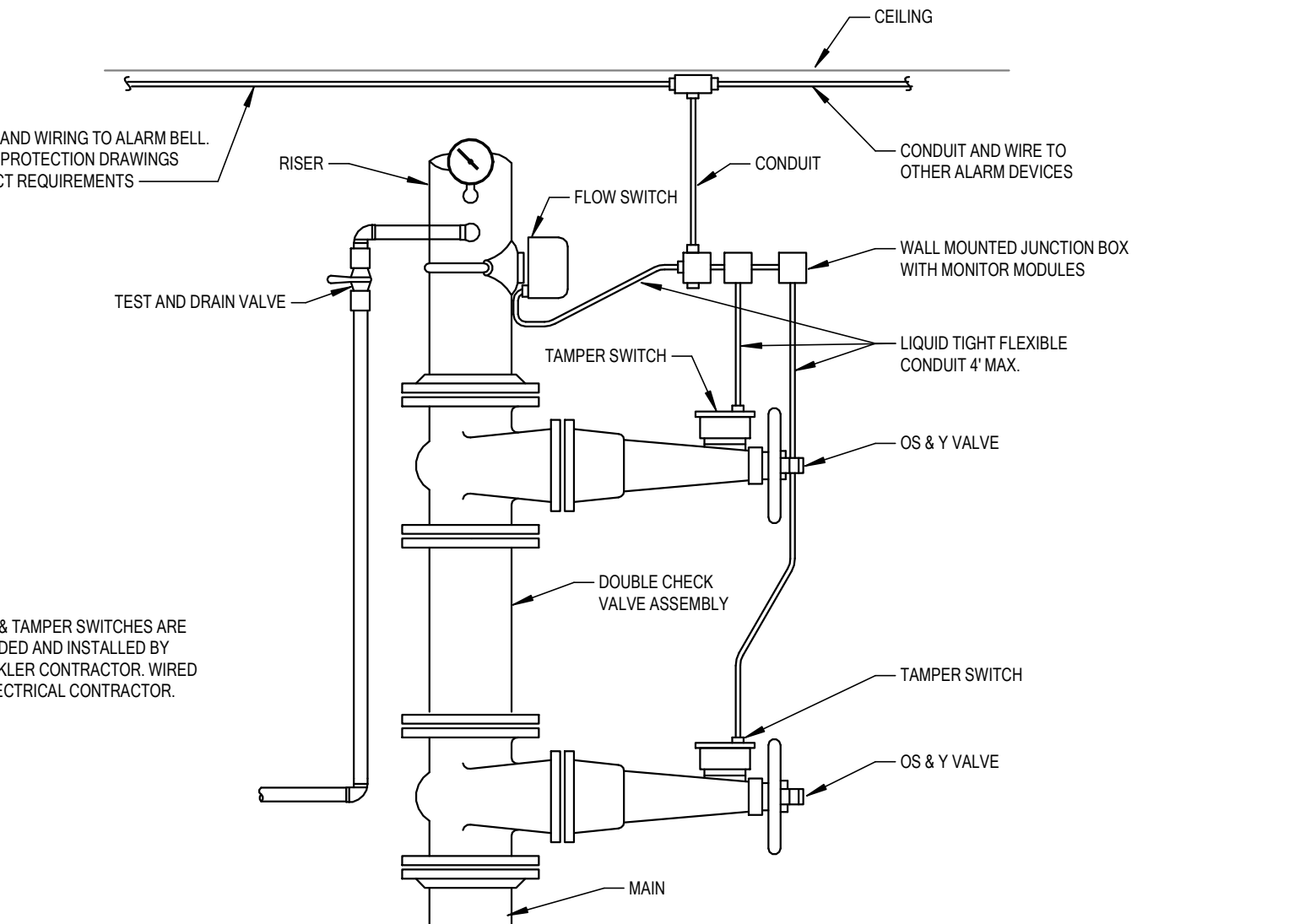


DIAGRAM D001 FIRE SPRINKLER RISER CONNECTION
NTS

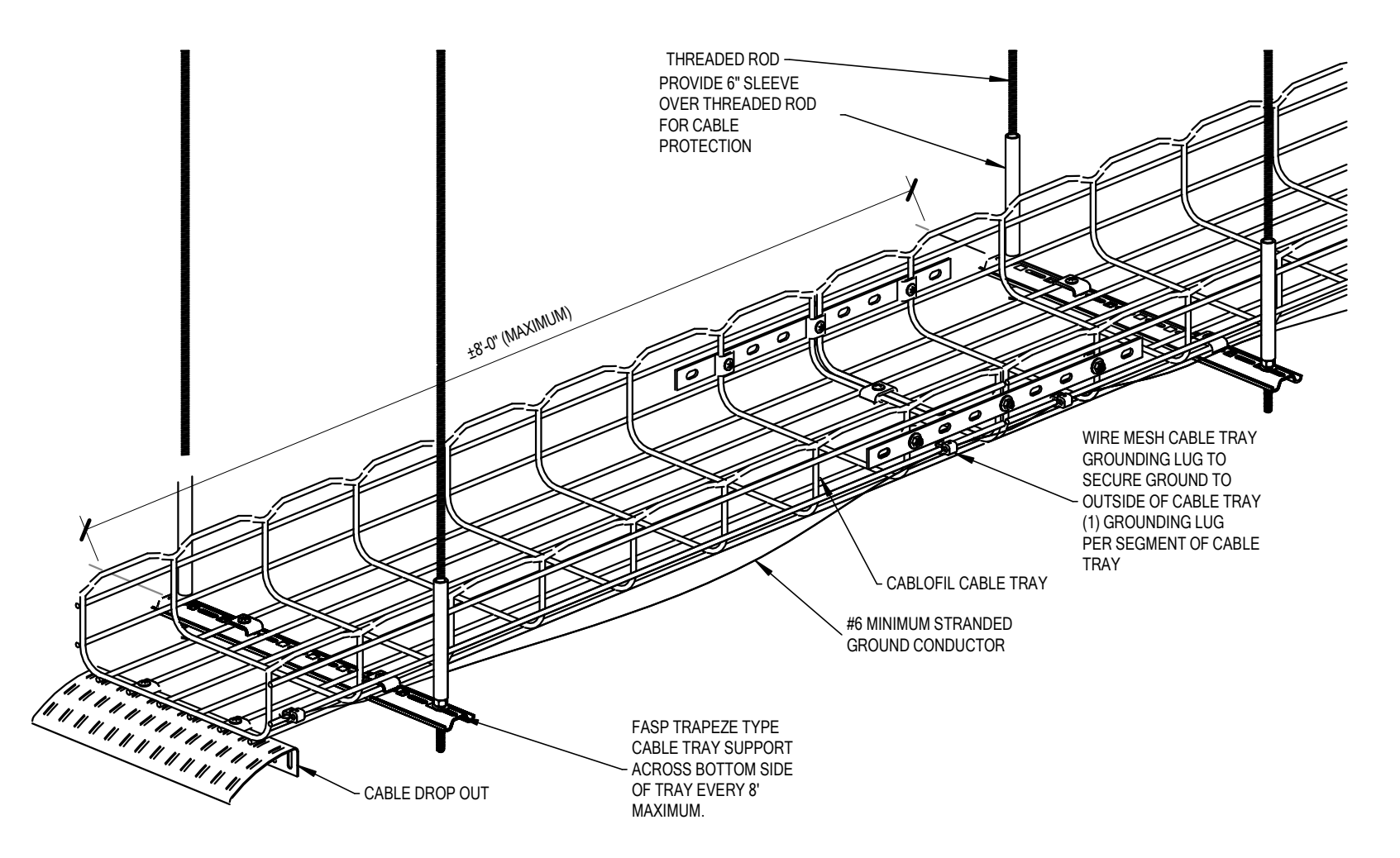


DIAGRAM I012 WIRE MESH CABLE TRAY TRAPEZE HANGING
NTS

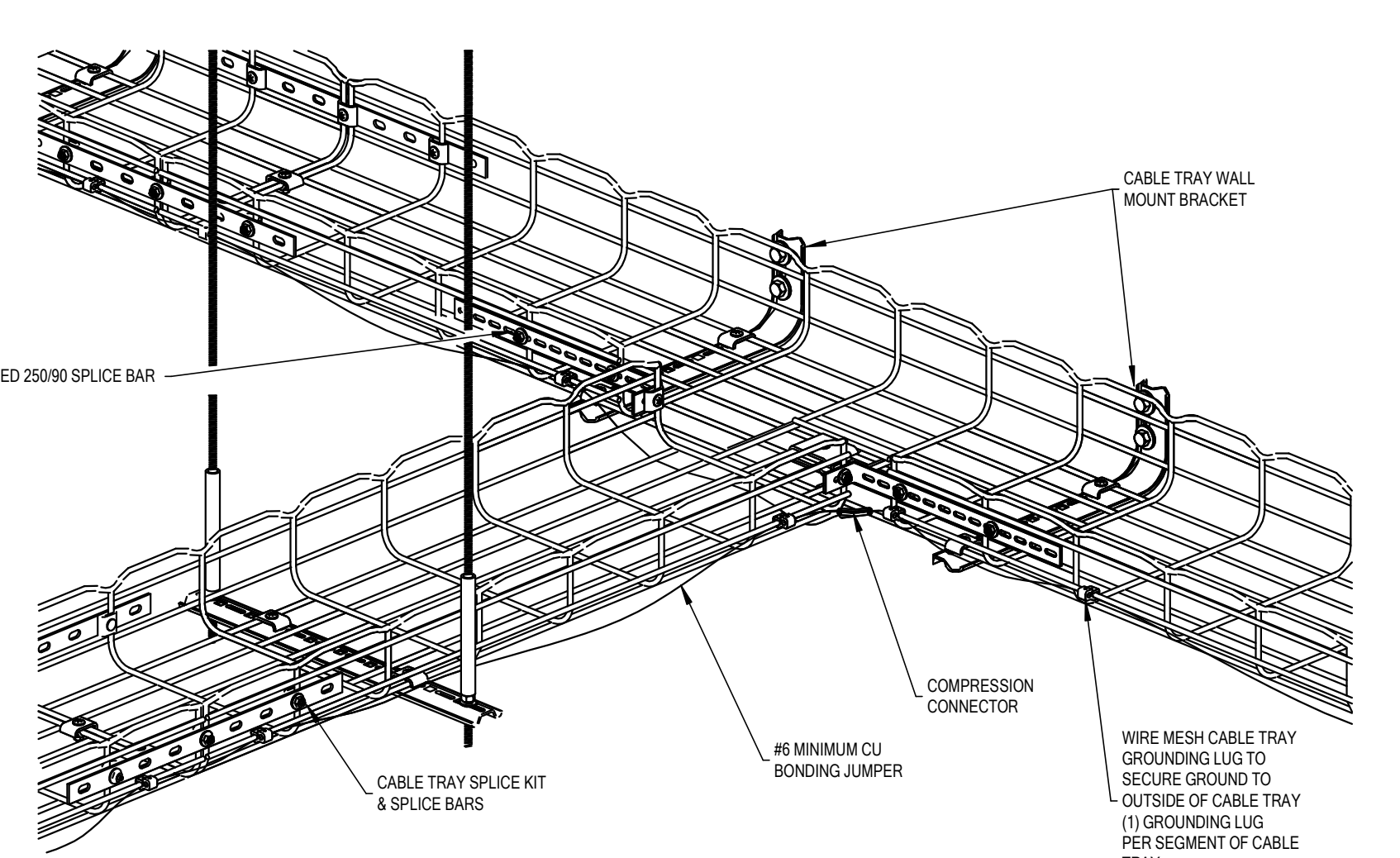


DIAGRAM I013 WIRE CABLE TRAY-WALL MOUNTING
NTS

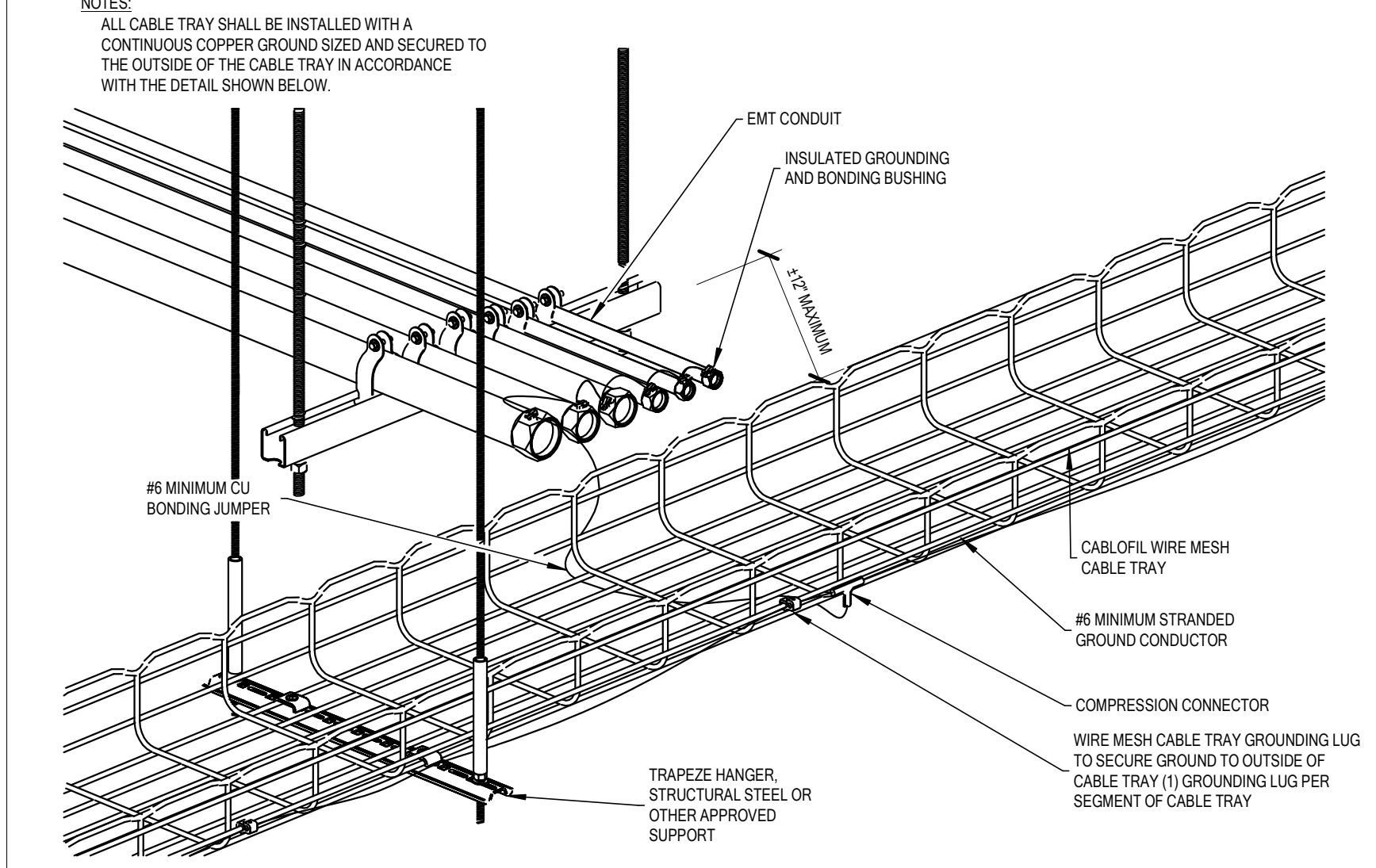


DIAGRAM I011 WIRE CABLE TRAY GROUNDING
NTS

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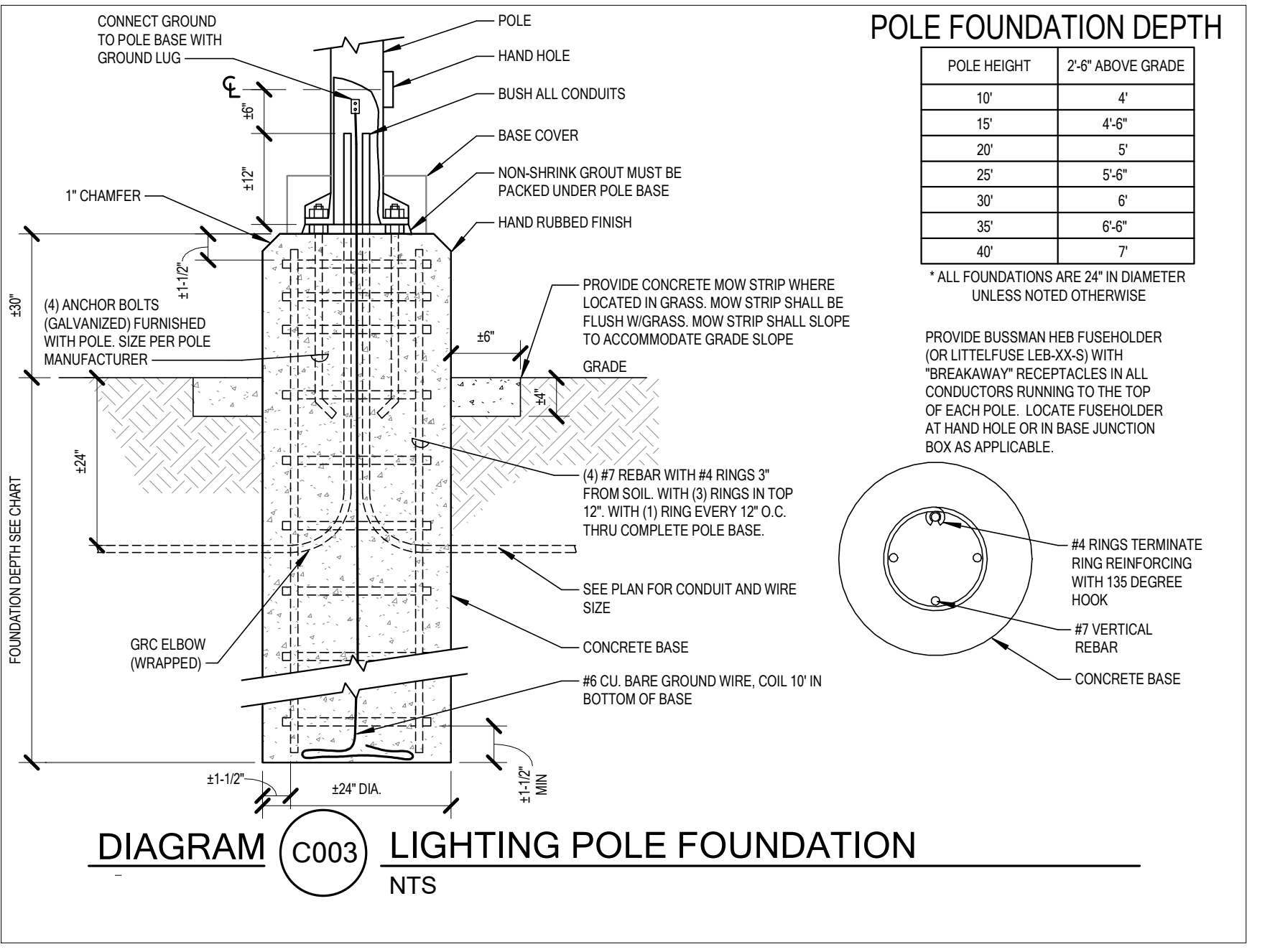
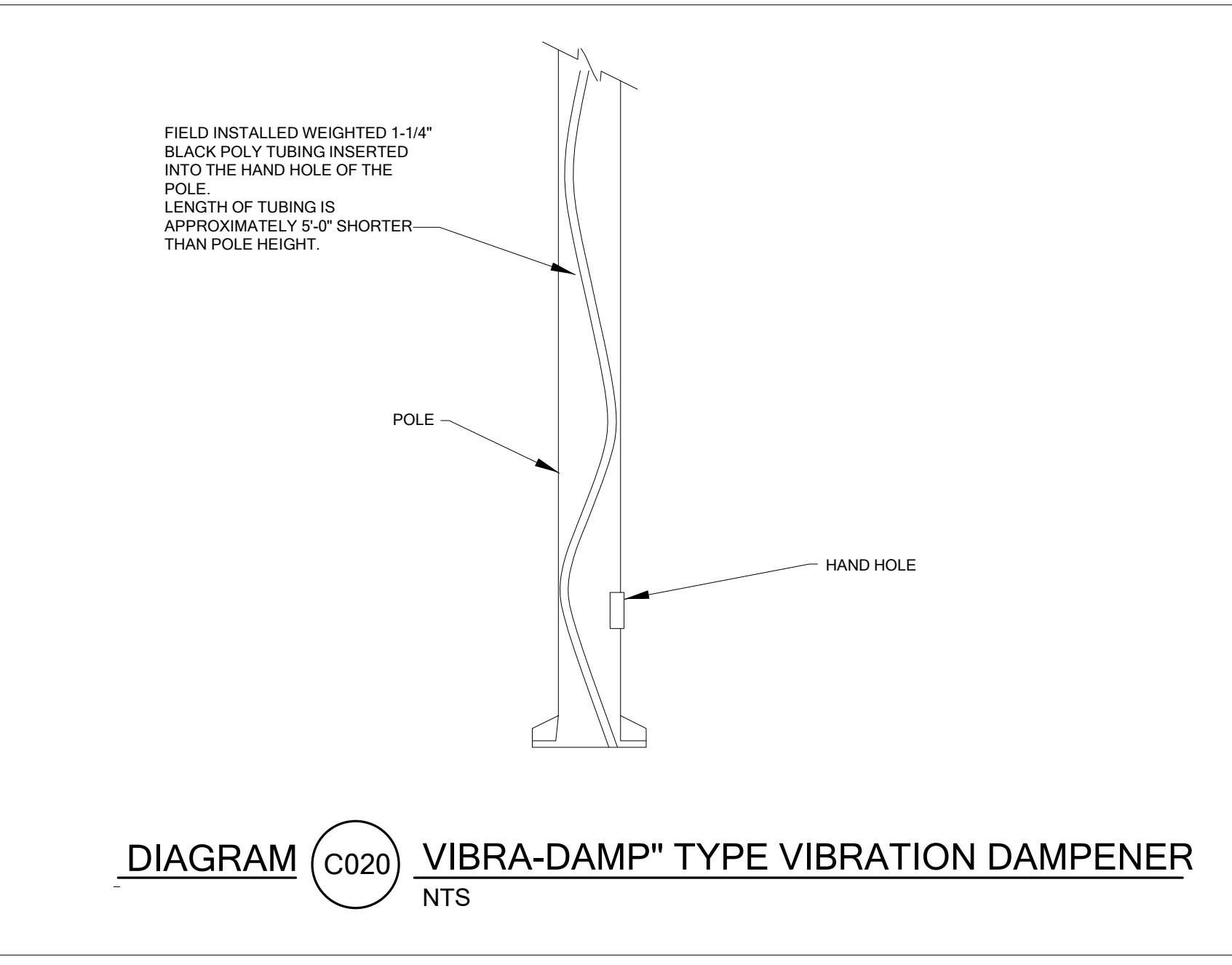
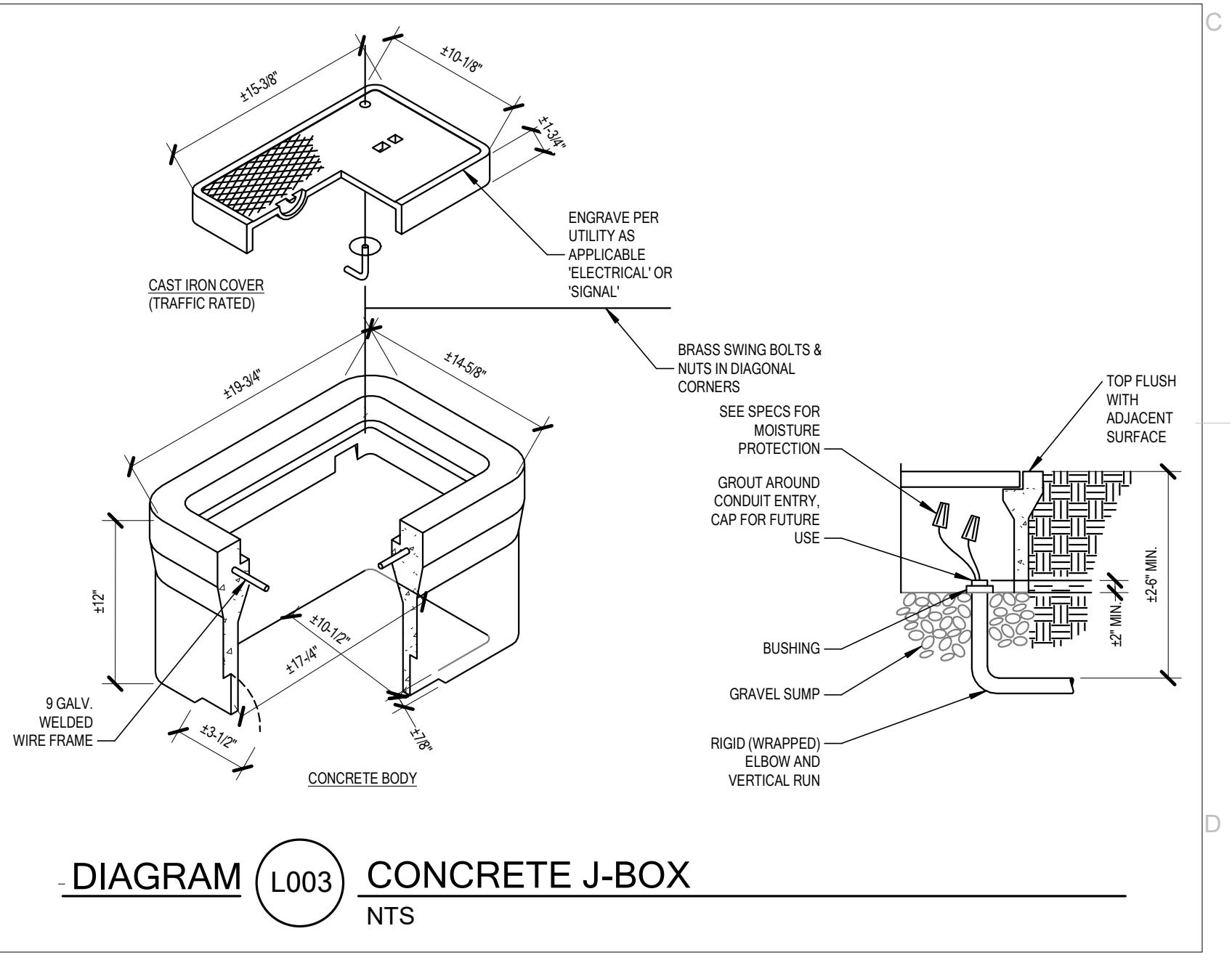
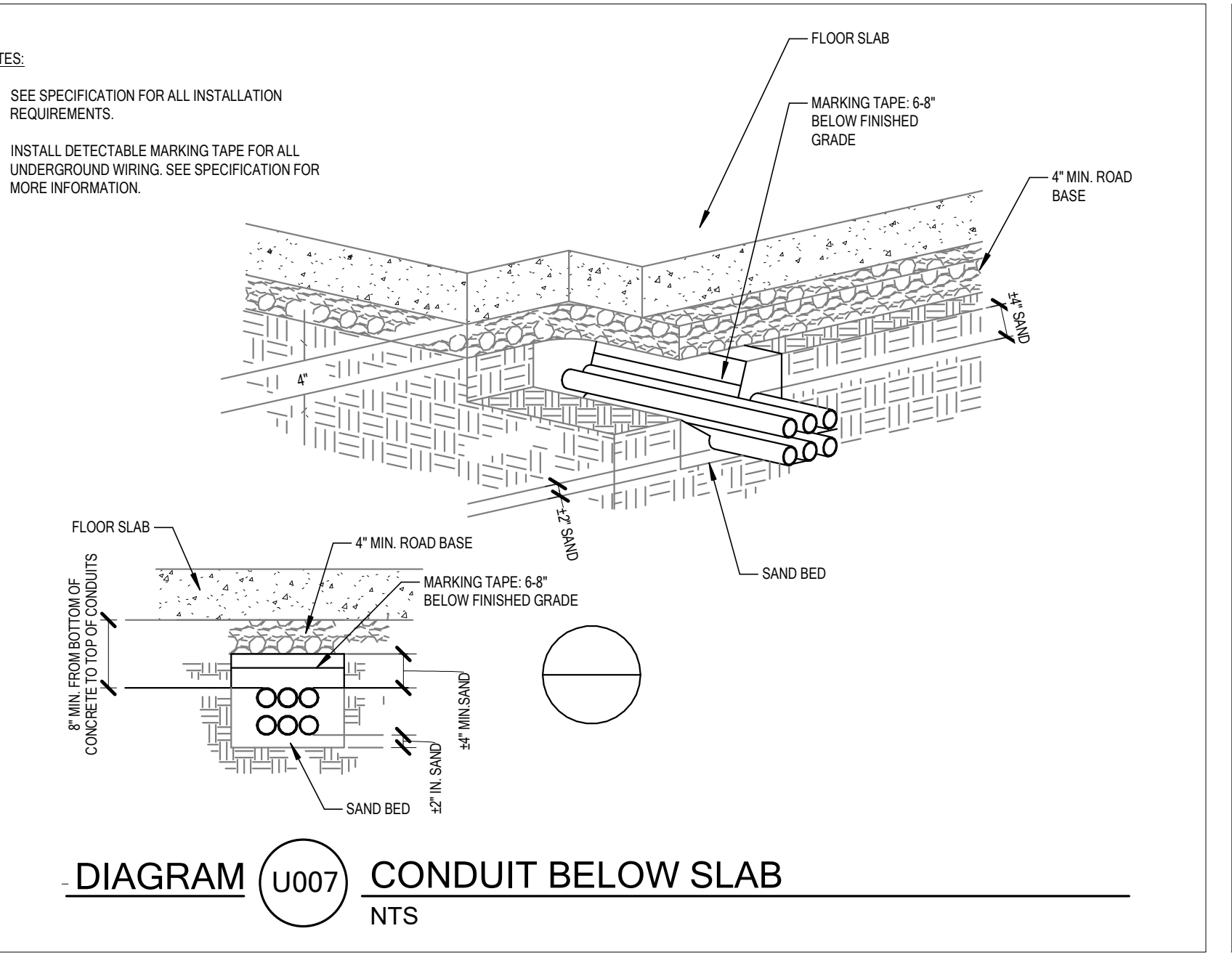
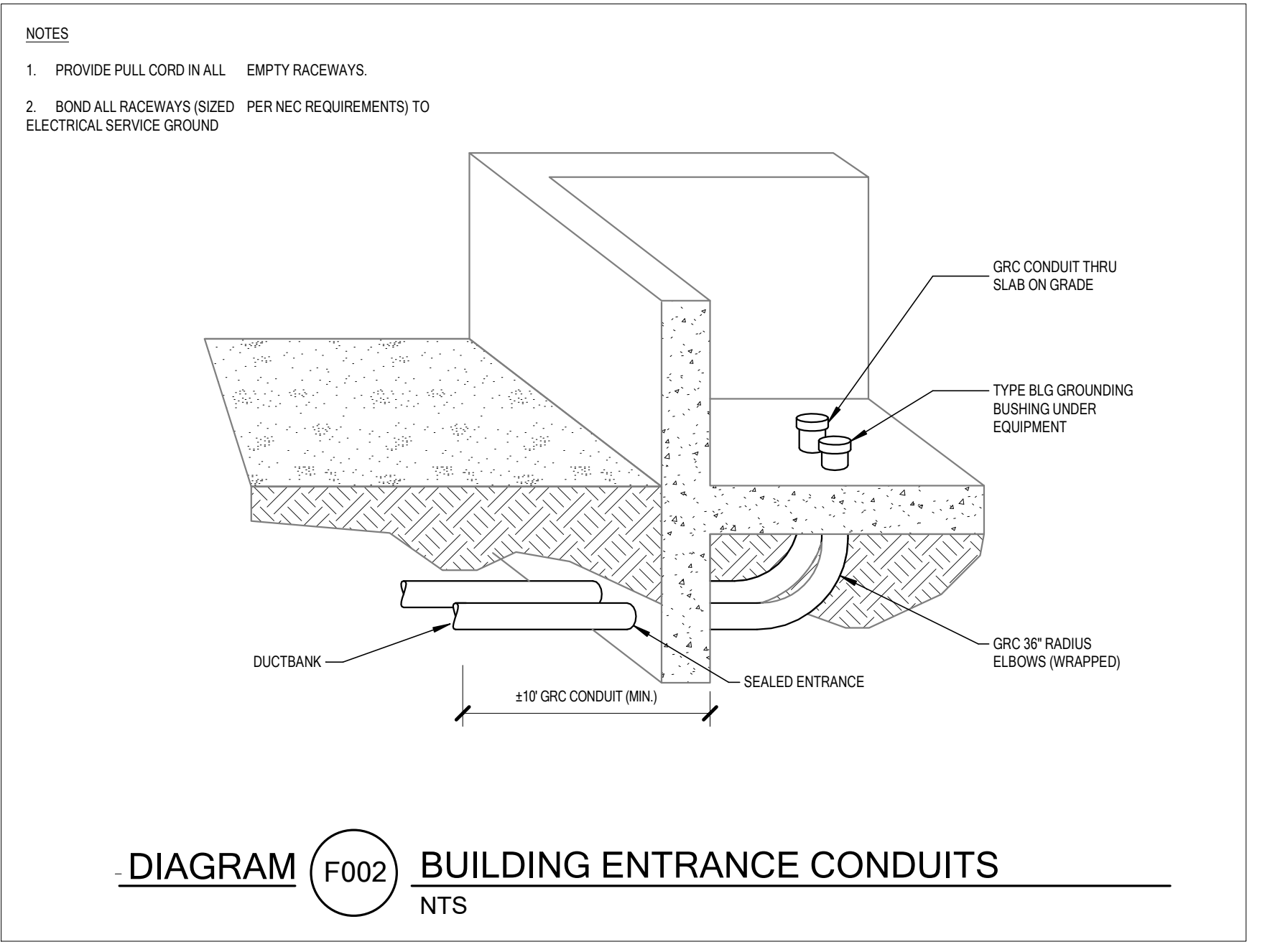
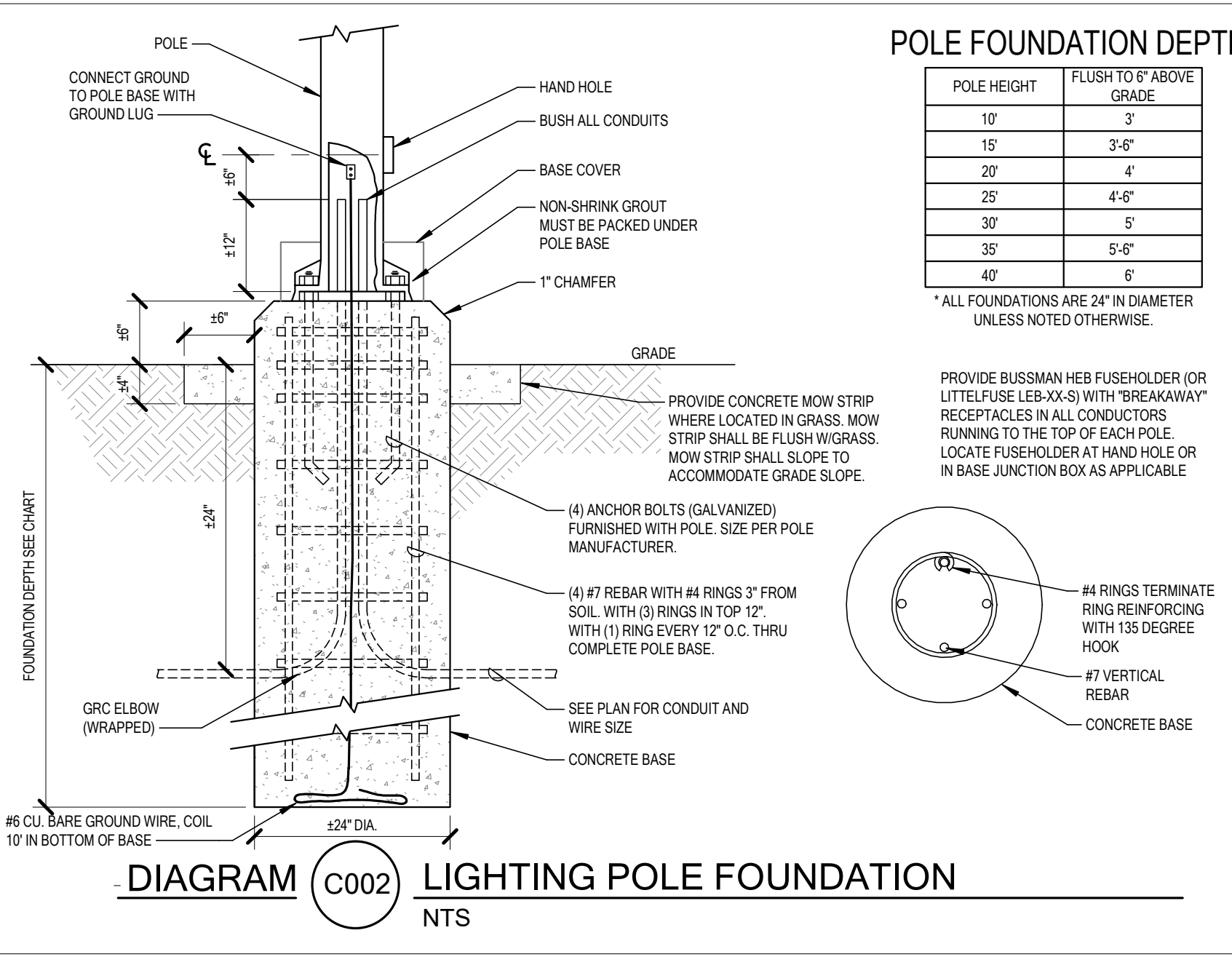
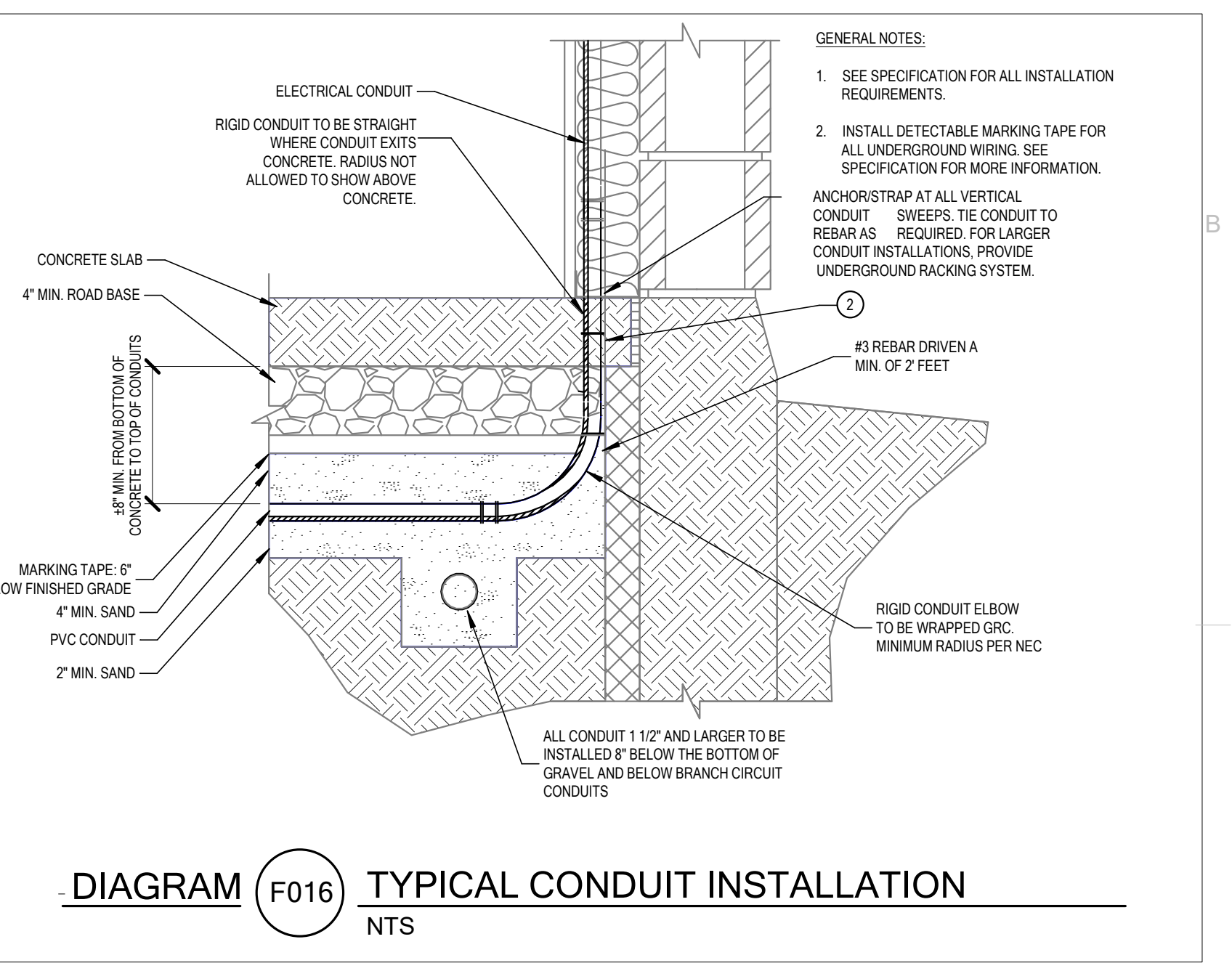
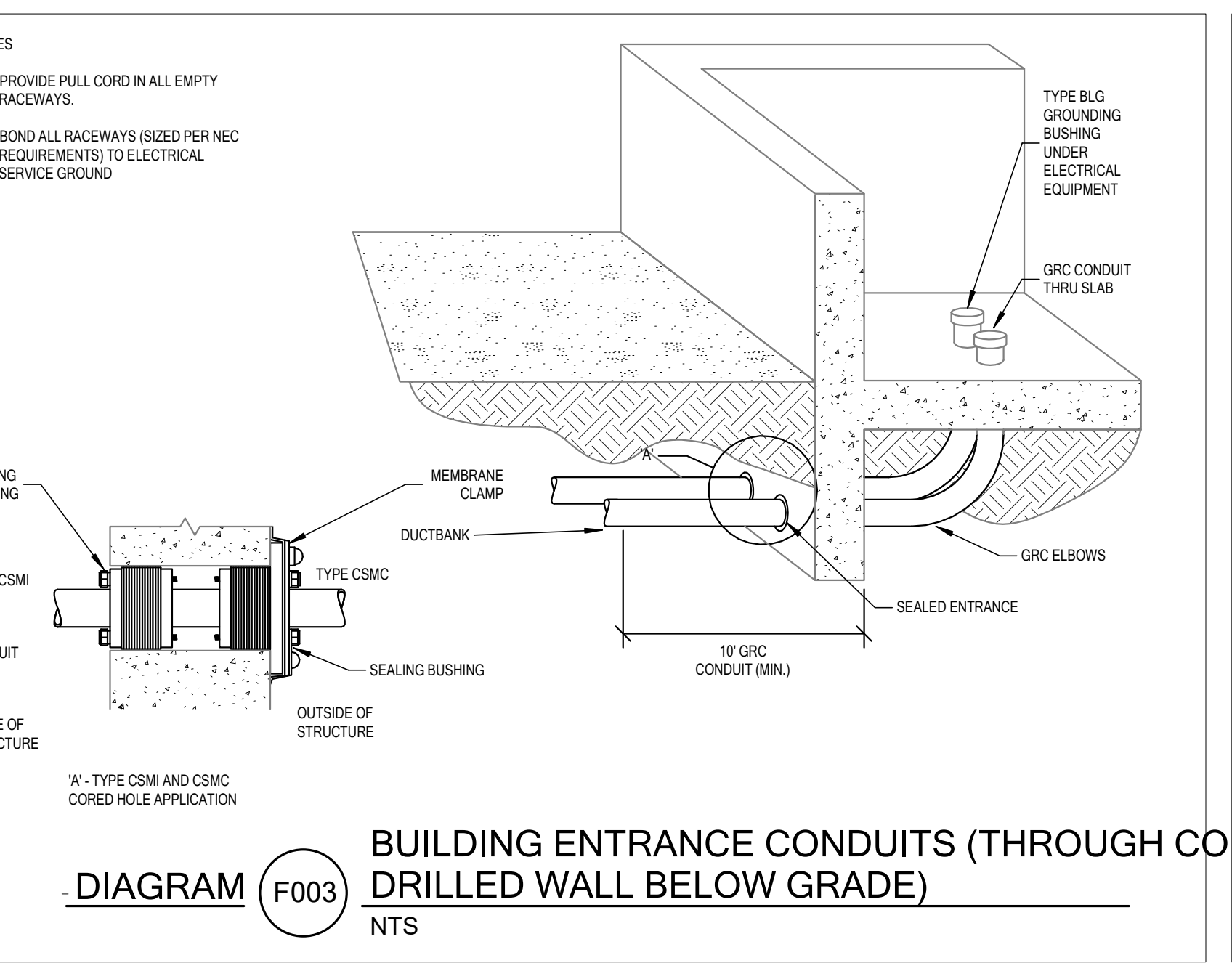
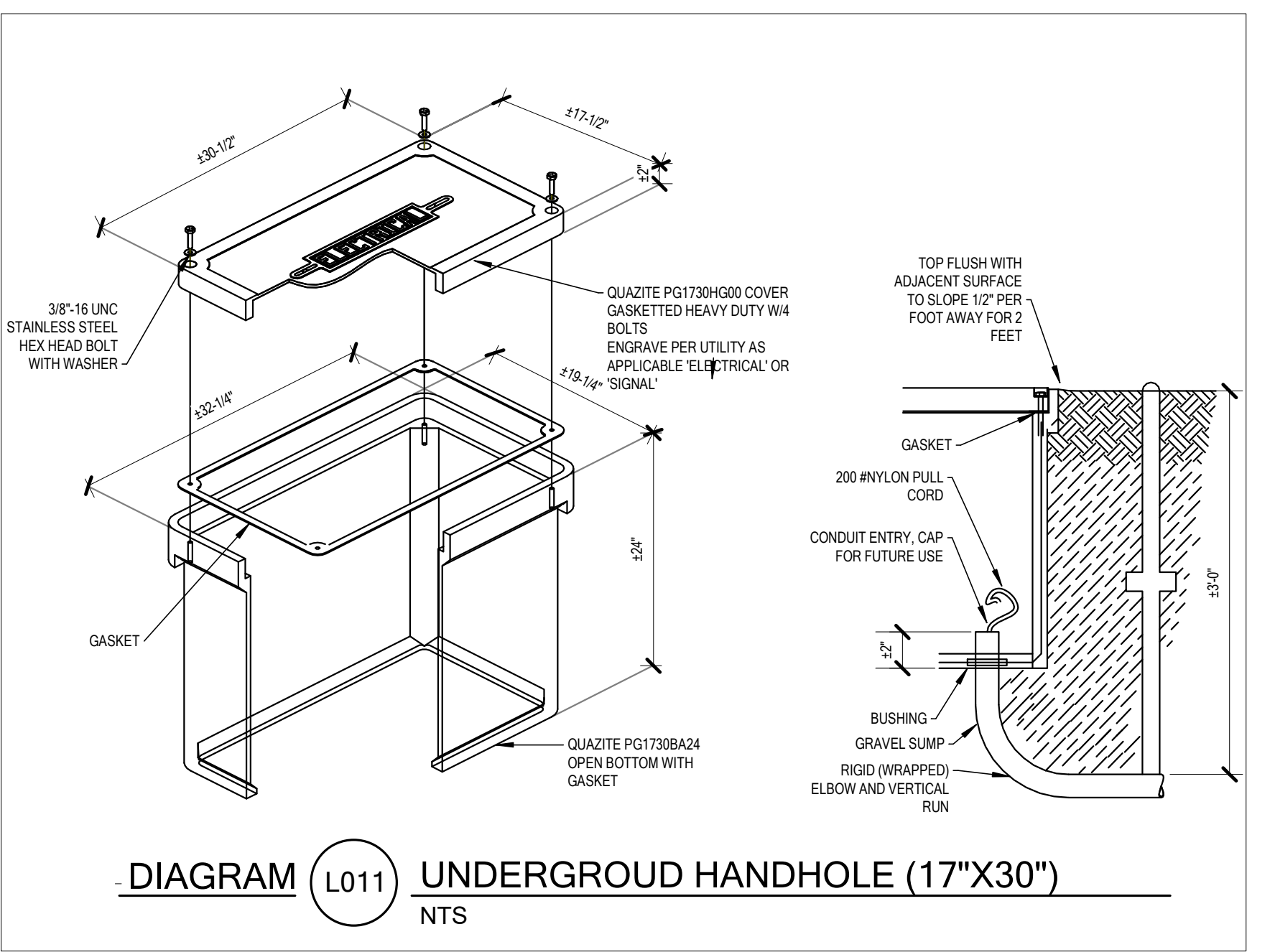
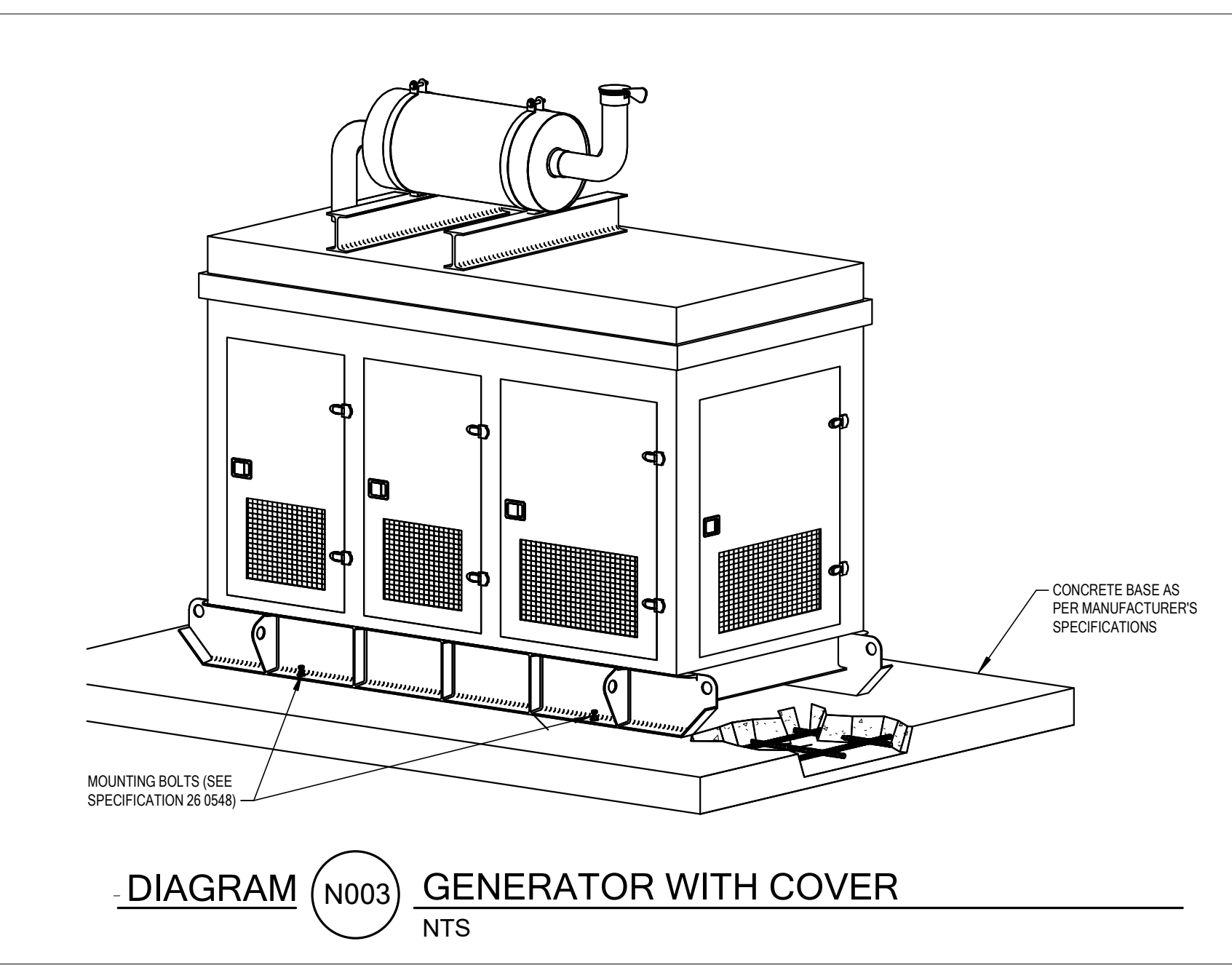
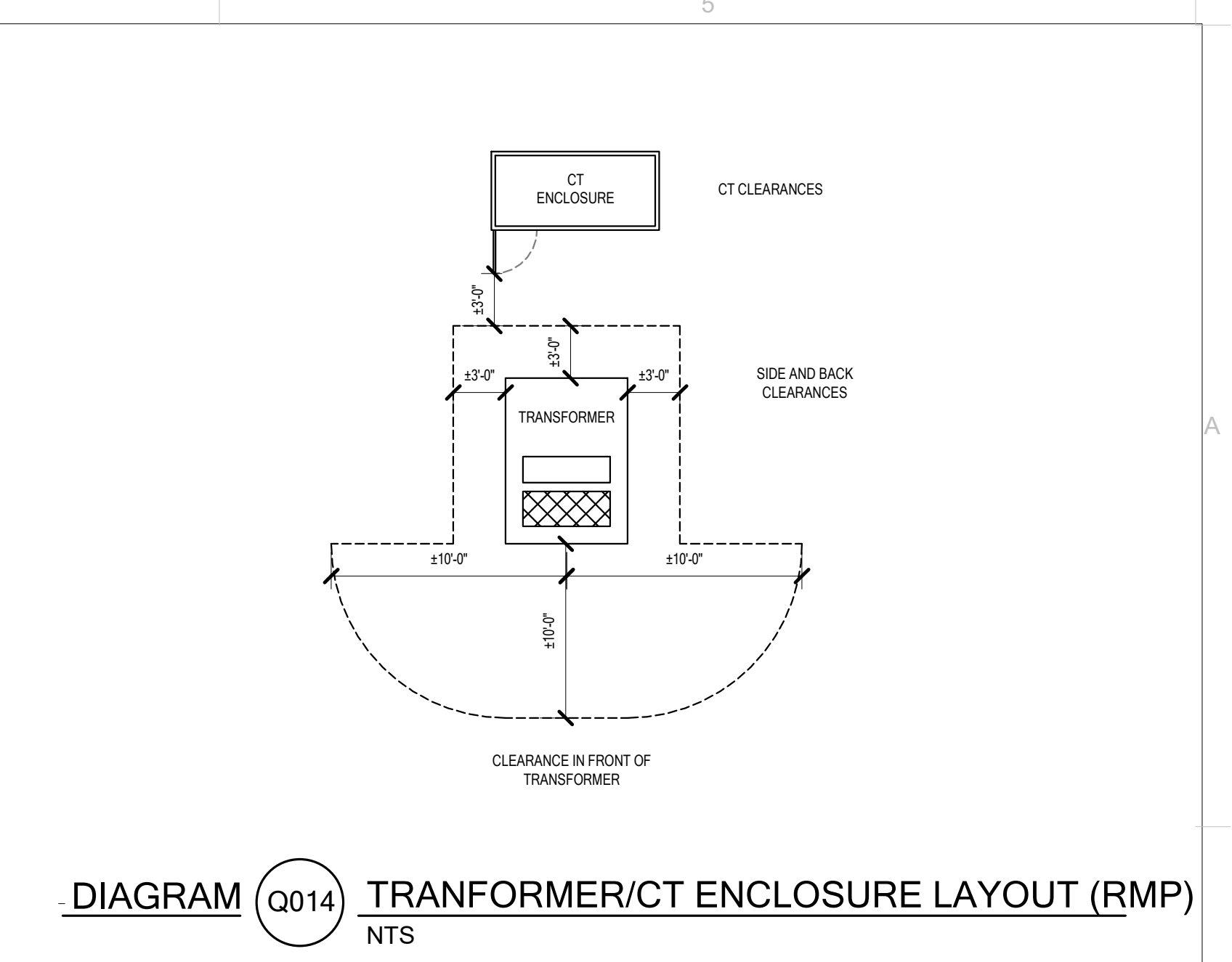
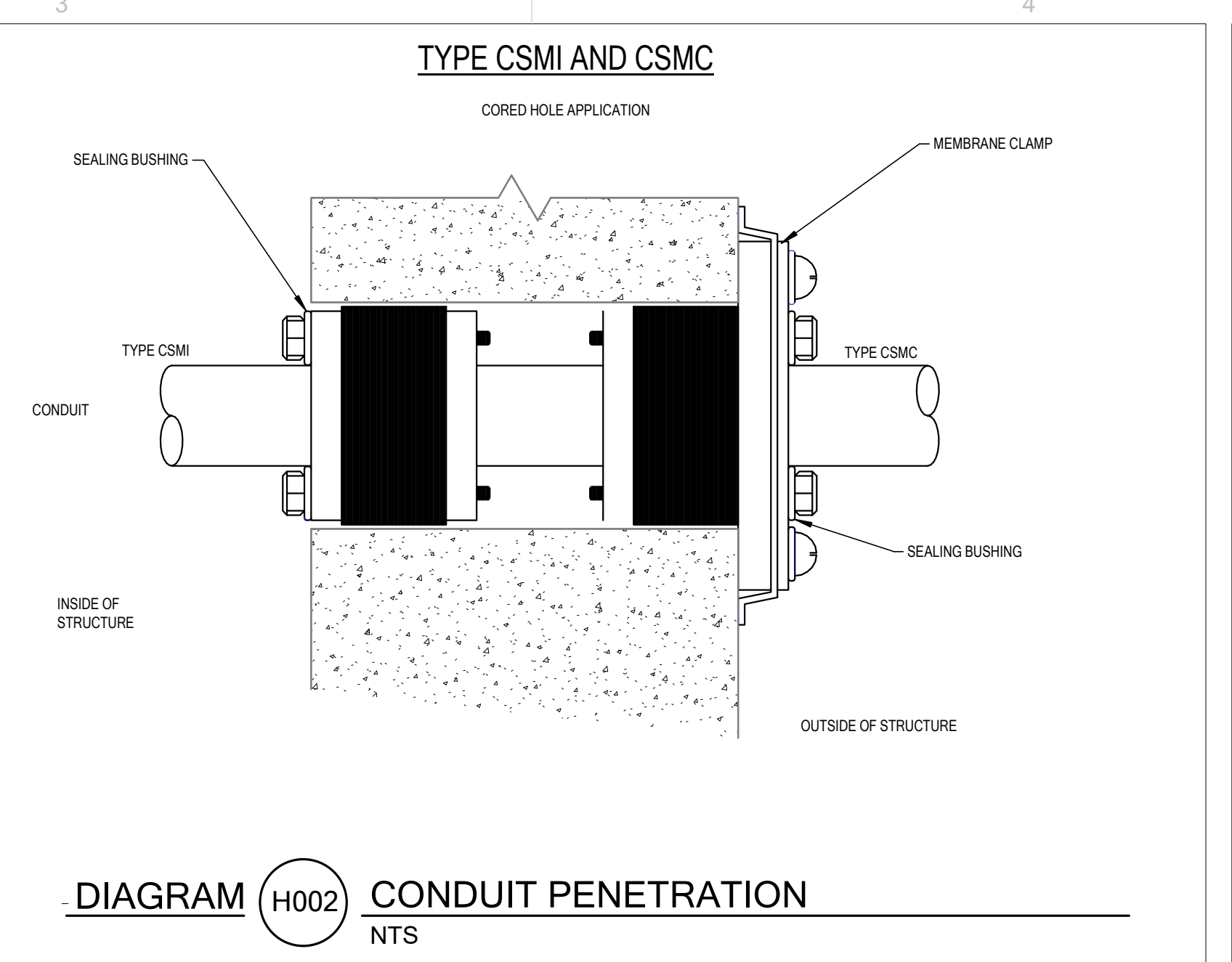
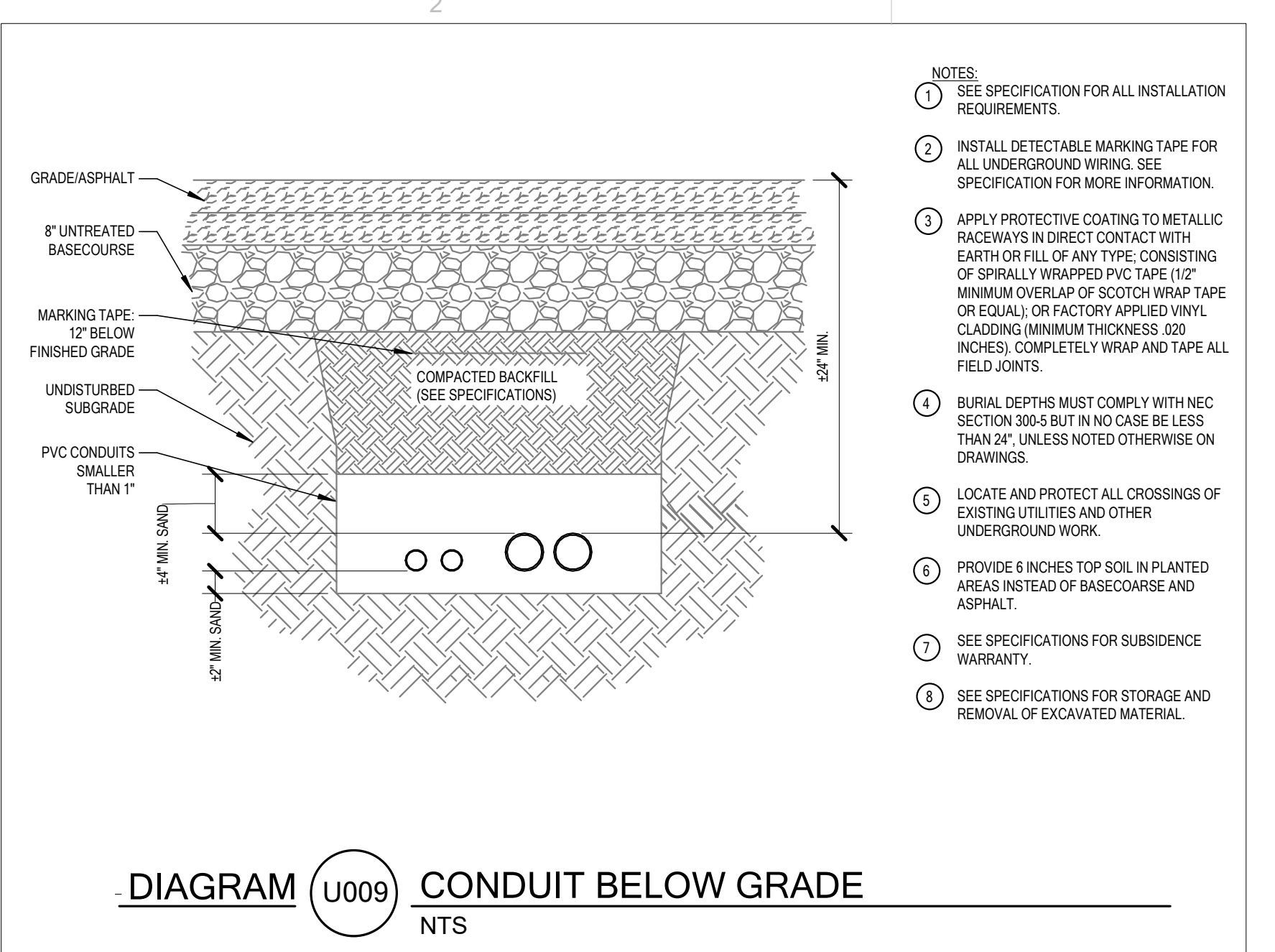
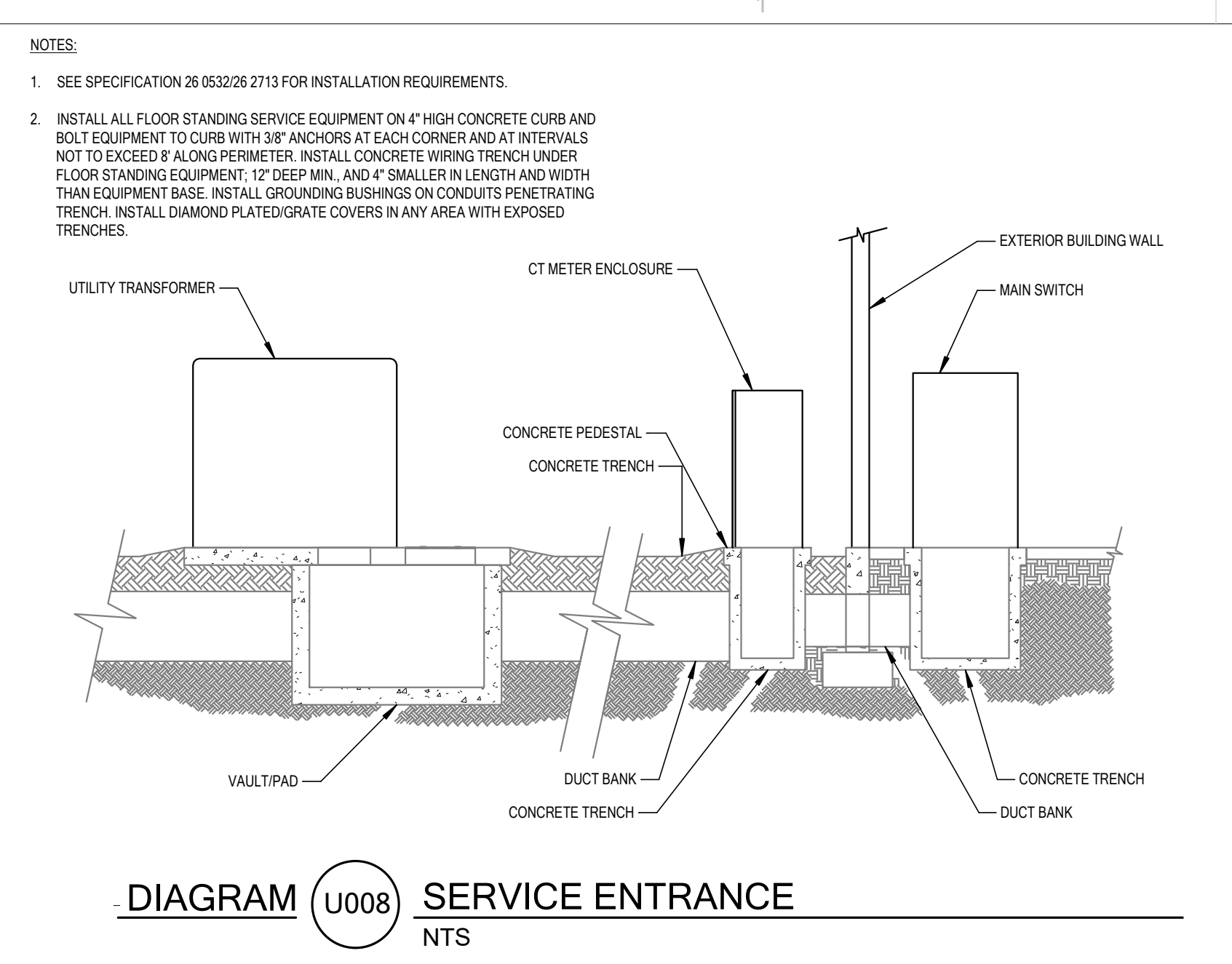
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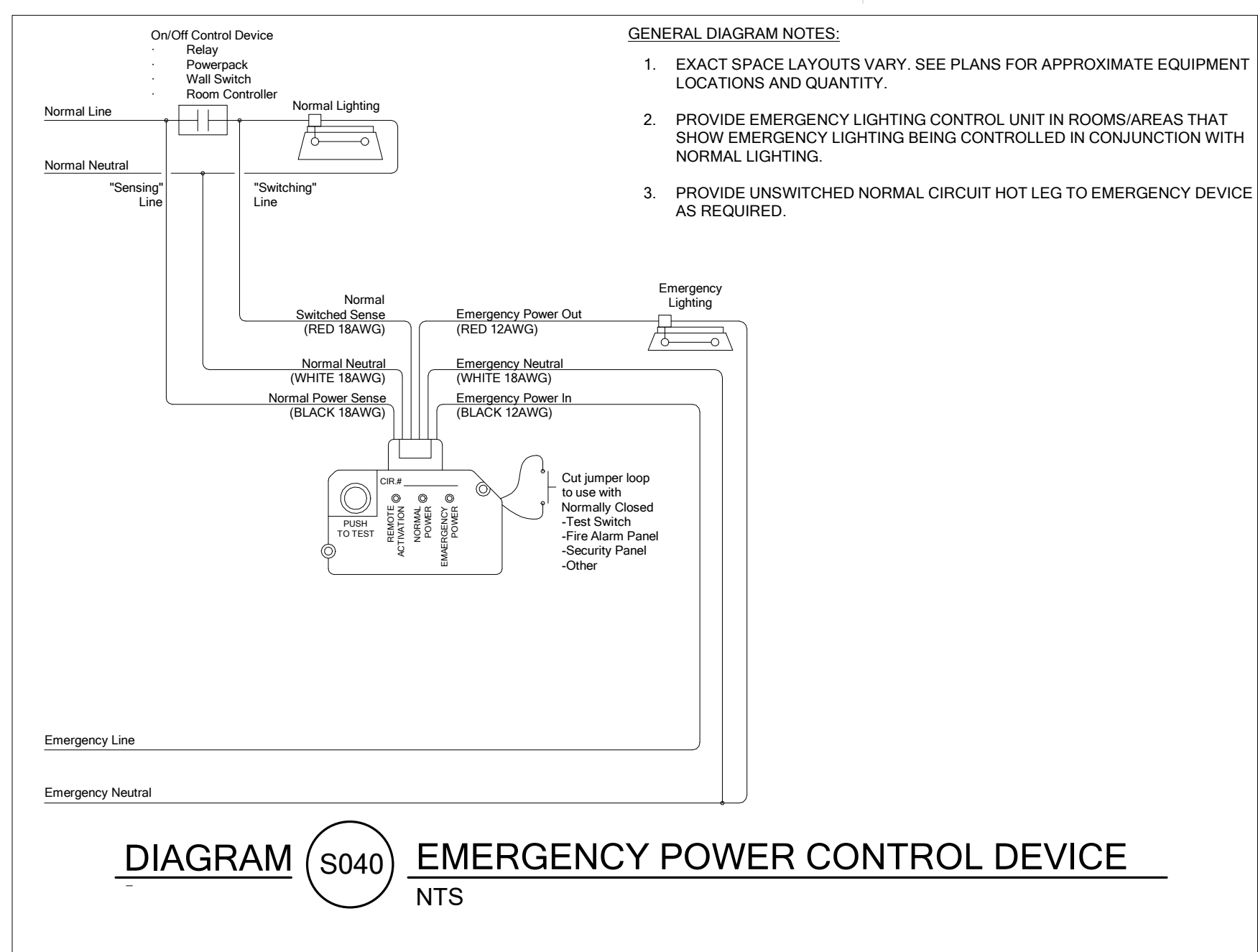
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No. 779893-2022

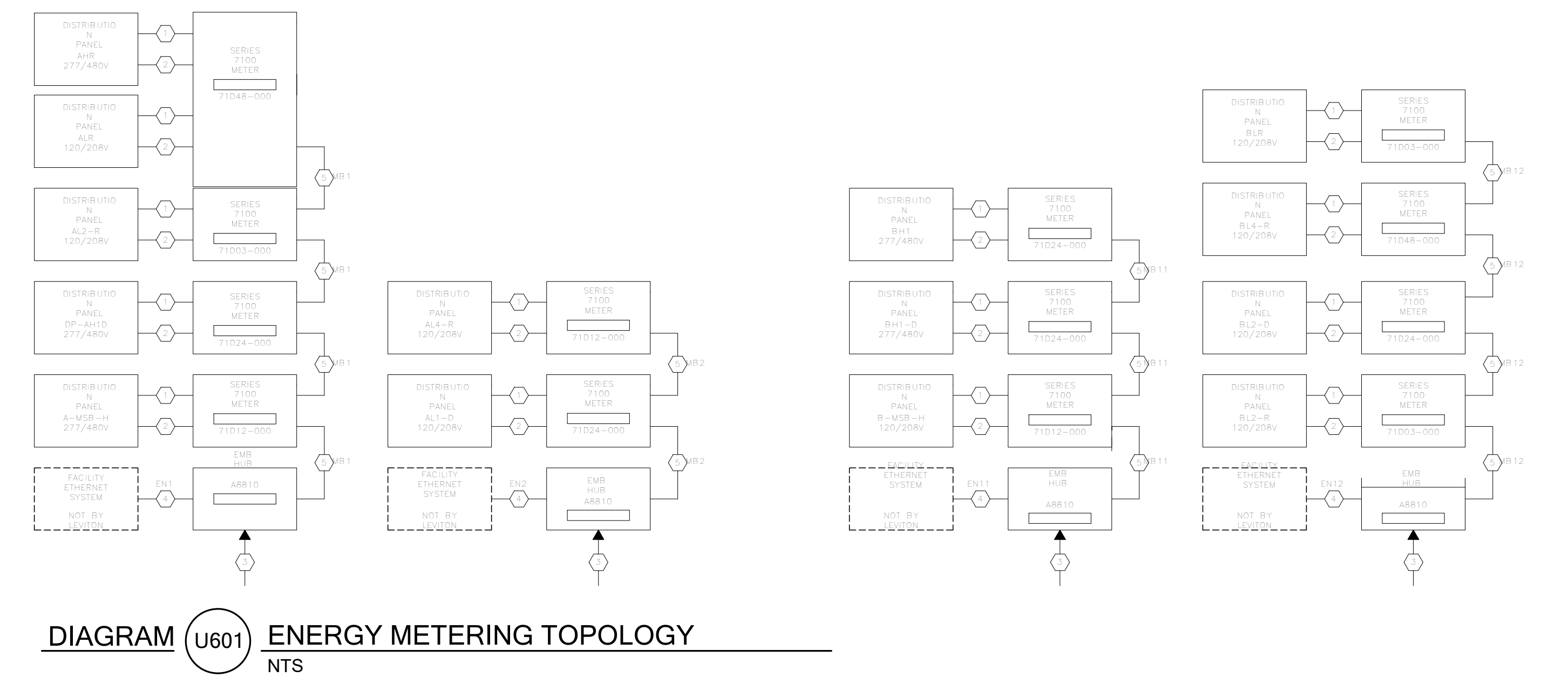
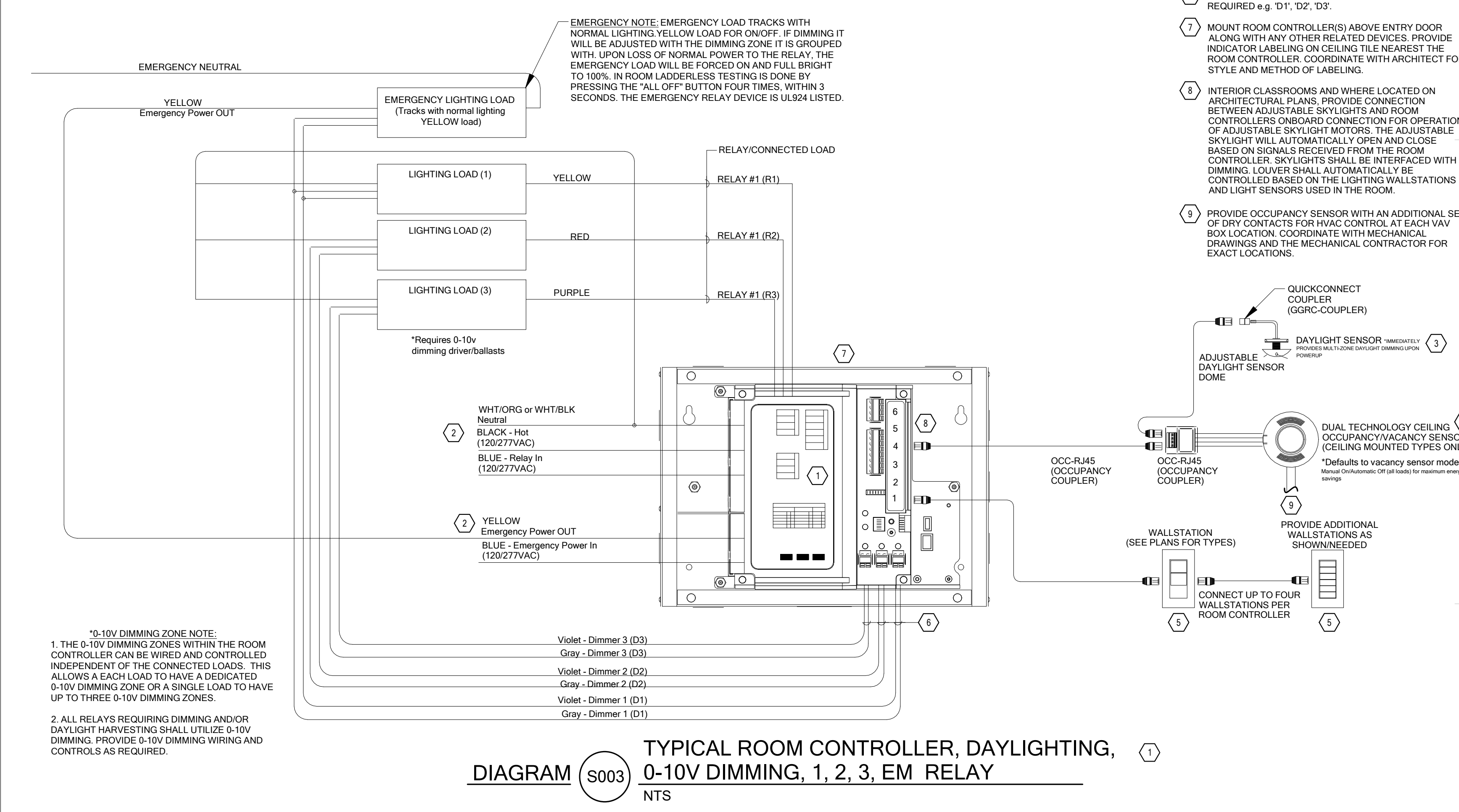
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ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024
SHEET NAME
ELECTRICAL DIAGRAMS
SHEET NUMBER
E503

Autodesk Docs: 20240528_JSD Retail Removal/24133_JSD_LEARNING Center_ELEC_V24.rvt
08/29/2024 10:11:11 AM





- GENERAL DIAGRAM NOTES:**
- THE LIGHTING CONTROLS AS SHOWN ARE BASED UPON EATON LIGHTING CONTROLS. PRIOR APPROVAL IS REQUIRED BEFORE BIDDING THIS PROJECT. ANY SYSTEM DIFFERENT FROM EATON THAT REQUIRES ADDITIONAL RELAYS NOT SHOWN ON PLANS DUE TO LACK OF SEPARATION OF RELAYS AND DIMMING ZONES MUST BE ACCOUNTED FOR AND PROVIDED IN THE BID AND MUST FUNCTION AS SIMILAR TO THAT WHICH IS REQUIRED IN FINAL INSTALLATION.
 - EXACT SPACE LAYOUTS VARY. SEE PLANS FOR APPROXIMATE EQUIPMENT LOCATIONS AND QUANTITY.
 - ALL ROOM CONTROLLERS SHALL ALLOW FOR TYPICAL 0-10V DIMMING, DAYLIGHT HARVESTING AND OCCUPANCY SENSING. INDEPENDENT DIMMING AND OVERRIDE OF EACH ZONE IS REQUIRED.
 - EACH ROOM CONTROLLER SHALL BE ABLE TO BE INDEPENDENTLY PROGRAMMED ON-SITE.
 - PROVIDE EMERGENCY LIGHTING CONTROL UNIT IN ROOMS/AREAS THAT SHOW EMERGENCY LIGHTING BEING CONTROLLED IN CONJUNCTION WITH NORMAL LIGHTING.
 - ALL CEILING-MOUNTED OCCUPANCY SENSORS SHALL BE PROVIDED WITH AN AUXILIARY CONTACT FOR HVAC CONTROL.
 - PROVIDE A UL 924 RELAY AS SPECIFIED FOR AUTOMATIC EMERGENCY LIGHTING CONTROL. THE UL 924 RELAY AUTOMATICALLY TRACKS WITH RELAY 1 AND CAN BE CONNECTED TO ANY OF THE THREE 0-10V DIMMERS. THE UL 924 RELAY AUTOMATICALLY CLOSSES AND DISCONNECTS THE 0-10V CONTROL OPEN LOSS OF NORMAL POWER PROVIDING ADEQUATE EGRESS LIGHTING CONTROL. LADDERLESS MAINTENANCE TESTING OF THE UL 924 RELAY CAN BE ACHIEVED BY PRESSING THE ALL OFF BUTTON FOUR TIMES.
 - ALL LOW VOLTAGE WIRE/CABLE FOR LIGHTING SENSORS, INTERCOM, AUDIOVISUAL EQUIPMENT, CLASSROOM SOUND AMPLIFICATION, ETC. TO BE PROPERLY SUPPORTED PER THE TELEDATA SPEC. NEC 800 12300.11 AND AT 5'-0" INTERVALS AND TO FOLLOW BUILDING STRUCTURAL LINES. PULLING WIRE DIAGONALLY ACROSS ROOMS IS NOT ALLOWED. USING CEILING SYSTEM OR LIGHT FIXTURE SUPPORT/SEISMIC WIRES FOR SUPPORTS NOT ALLOWED.



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ISSUE
 CONSTRUCTION DOCUMENTS
 AUGUST 29, 2024

ELECTRICAL DIAGRAMS

E505



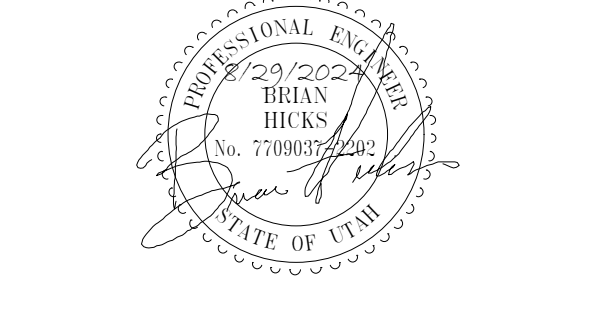
SHEET KEYNOTES	
V1	SOURCE INPUT TBD. VIDEOS FOR WAITING ROOM.
V5	CENTER IMAGE ON WHITEBOARD.

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MHTN PROJECT NO. 2024528

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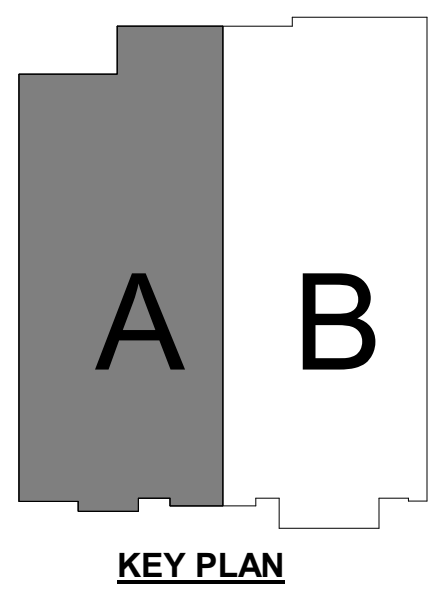
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ISSUE
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 AUGUST 29, 2024

SHEET NAME
FIRST FLOOR AUDIOVISUAL PLAN AREA - A

SHEET NUMBER
T222



FIRST FLOOR AUDIOVISUAL PLAN - AREA A
 SCALE = 1/8" = 1'-0"

SHEET KEYNOTES

V6 MOUNT ON ARTICULATING ARM. COORDINATE WITH ARCHITECT BEFORE INSTALLATION.



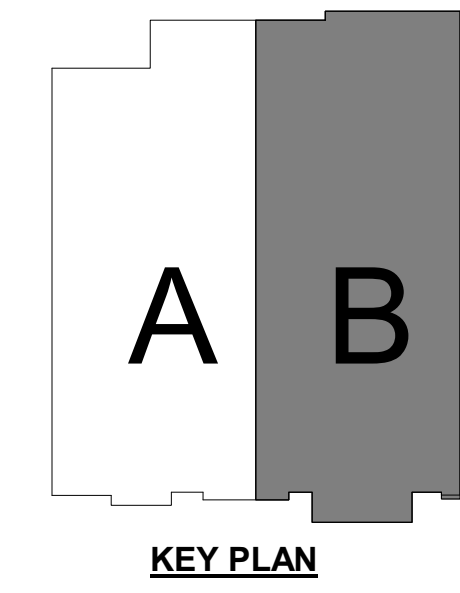
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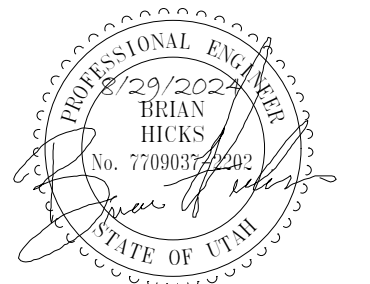
FIRST FLOOR AUDIOVISUAL PLAN - AREA B
SCALE = 1/8" = 1'-0"



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MHTN PROJECT NO. 2024528

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AUGUST 29, 2024

SHEET NAME
**FIRST FLOOR
AUDIOVISUAL
PLAN AREA - B**

SHEET NUMBER
T223

Autodesk Docs: 20240528_JSD Retail Remedial\24133 - JSD Learning Center ELEC V2.rvt
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SHEET KEYNOTES

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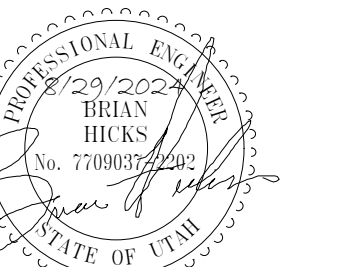
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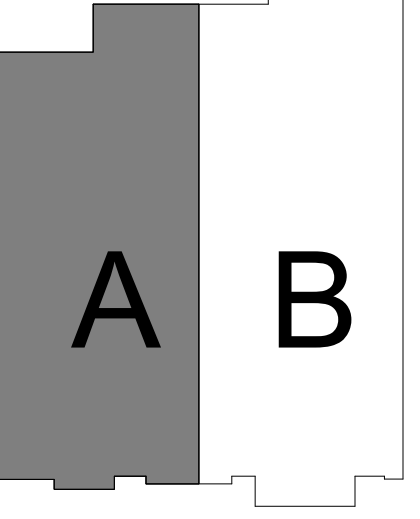
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NO.	DATE	DESCRIPTION

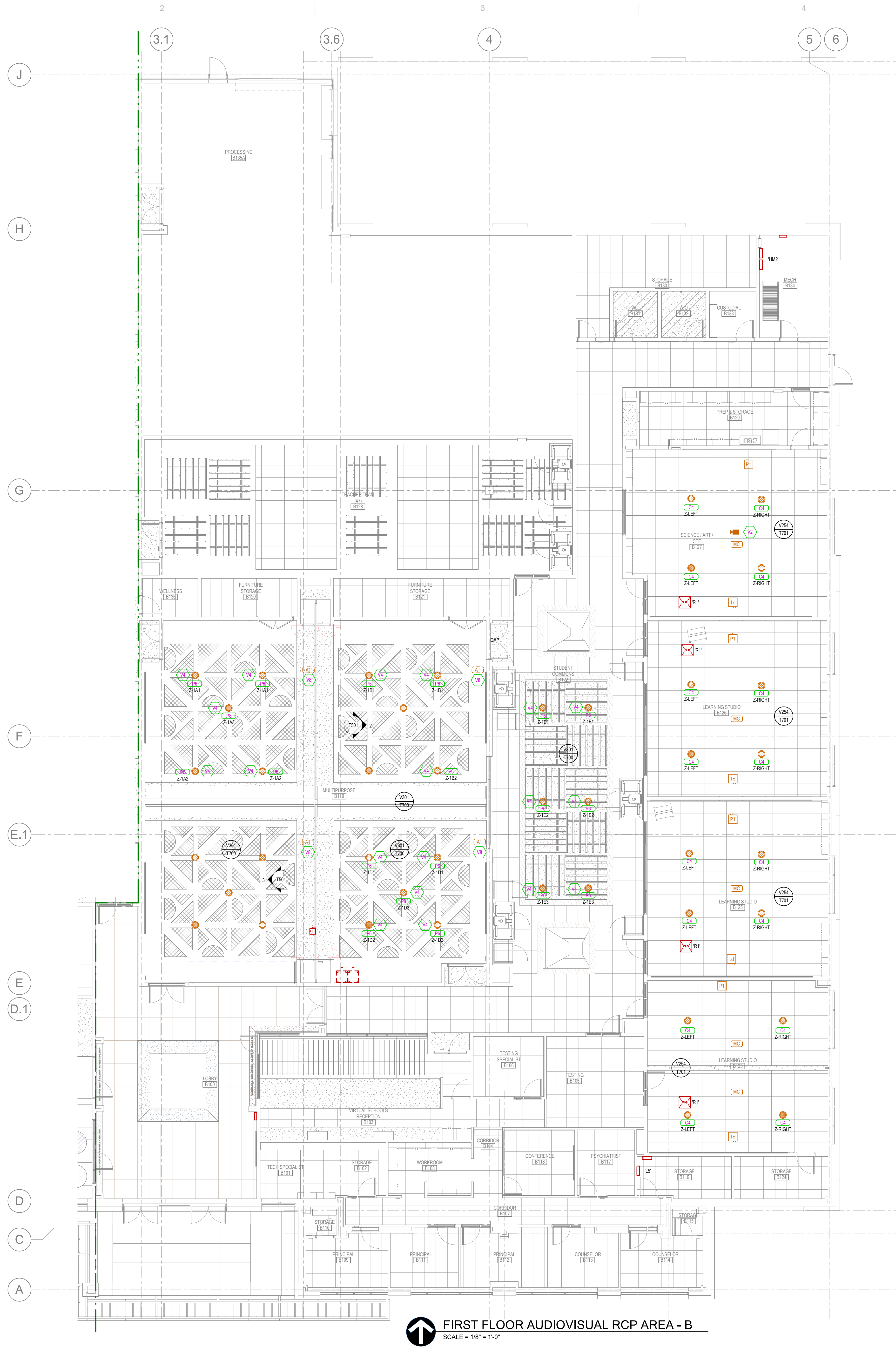
ISSUE
CONSTRUCTION DOCUMENTS
AUGUST 29, 2024

SHEET NAME
FIRST FLOOR AUDIOVISUAL RCP AREA - A

SHEET NUMBER
T224



FIRST FLOOR AUDIOVISUAL RCP AREA - A
SCALE = 1/8" = 1'-0"



SHEET KEYNOTES	
V2	DOCUMENT CAMERA VERIFY LOCATION WITH ARCHITECT BEFORE INSTALLING.
V4	BOTTOM OF PENDANT LOUDSPEAKERS TO BE FLUSH WITH BOTTOM OF BEAMS / CLOUDS.
V8	COORDINATE ANTENNA MOUNTING LOCATION WITH ARCHITECT

100 YEARS
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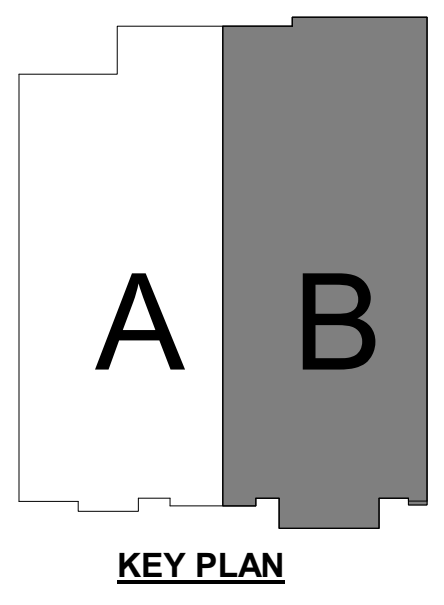
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AUGUST 29, 2024

SHEET NAME
FIRST FLOOR AUDIOVISUAL RCP AREA - B

SHEET NUMBER
T225



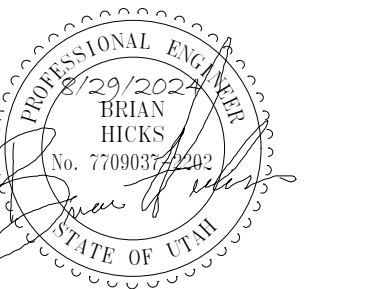
FIRST FLOOR AUDIOVISUAL RCP AREA - B
SCALE = 1/8" = 1'-0"

SHEET KEYNOTES

V6 MOUNT ON ARTICULATING ARM. COORDINATE WITH ARCHITECT BEFORE INSTALLATION.
 V7 INTERCOM HEAD-END. VERIFY LOCATION WITH ARCHITECT BEFORE INSTALLING.

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 AUGUST 29, 2024

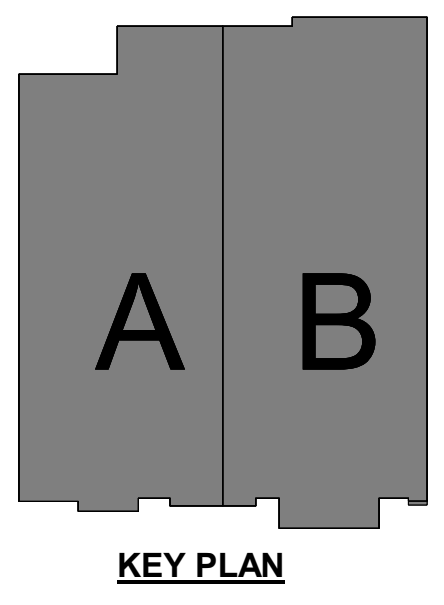
SHEET NAME
LEVEL 1 INTERCOM OVERALL

SHEET NUMBER

T311



FIRST FLOOR INTERCOM OVERALL RCP
 SCALE = 1" = 10'-0"

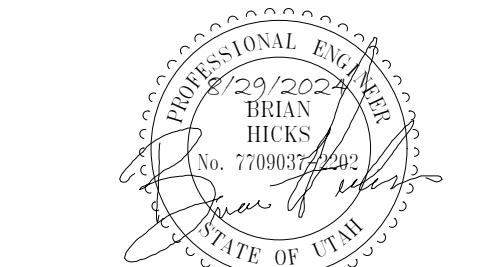


AutoCAD Doc: 20240528_JSD Retail Remodel/24133_JSD_LEARNING CENTER_ELEC_V2.rvt
 8/29/2024 10:16:41 AM

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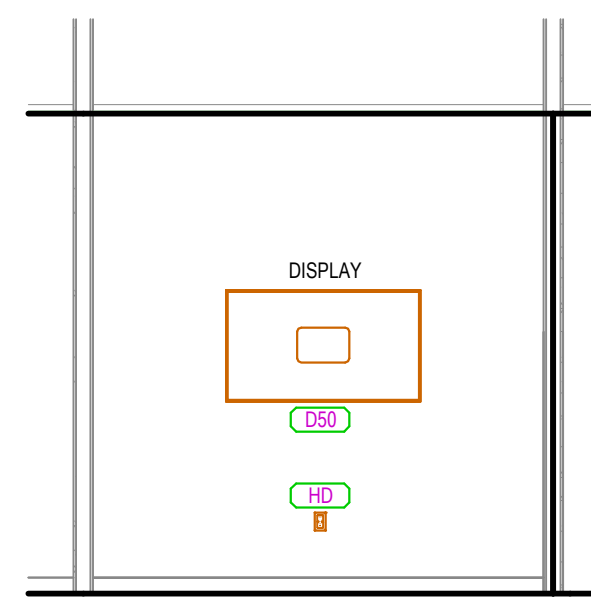
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AUGUST 29, 2024

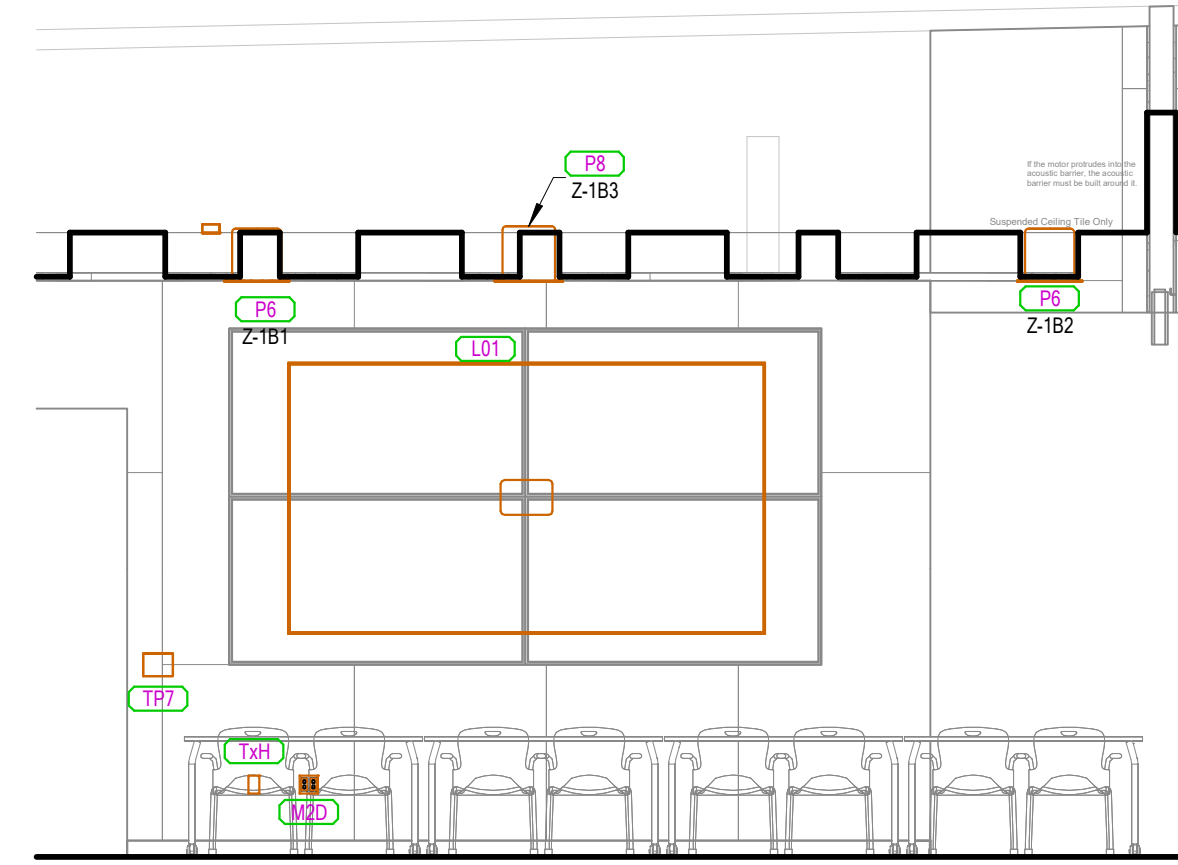
SHEET NAME
**AUDIOVISUAL
ELEVATIONS**

SHEET NUMBER

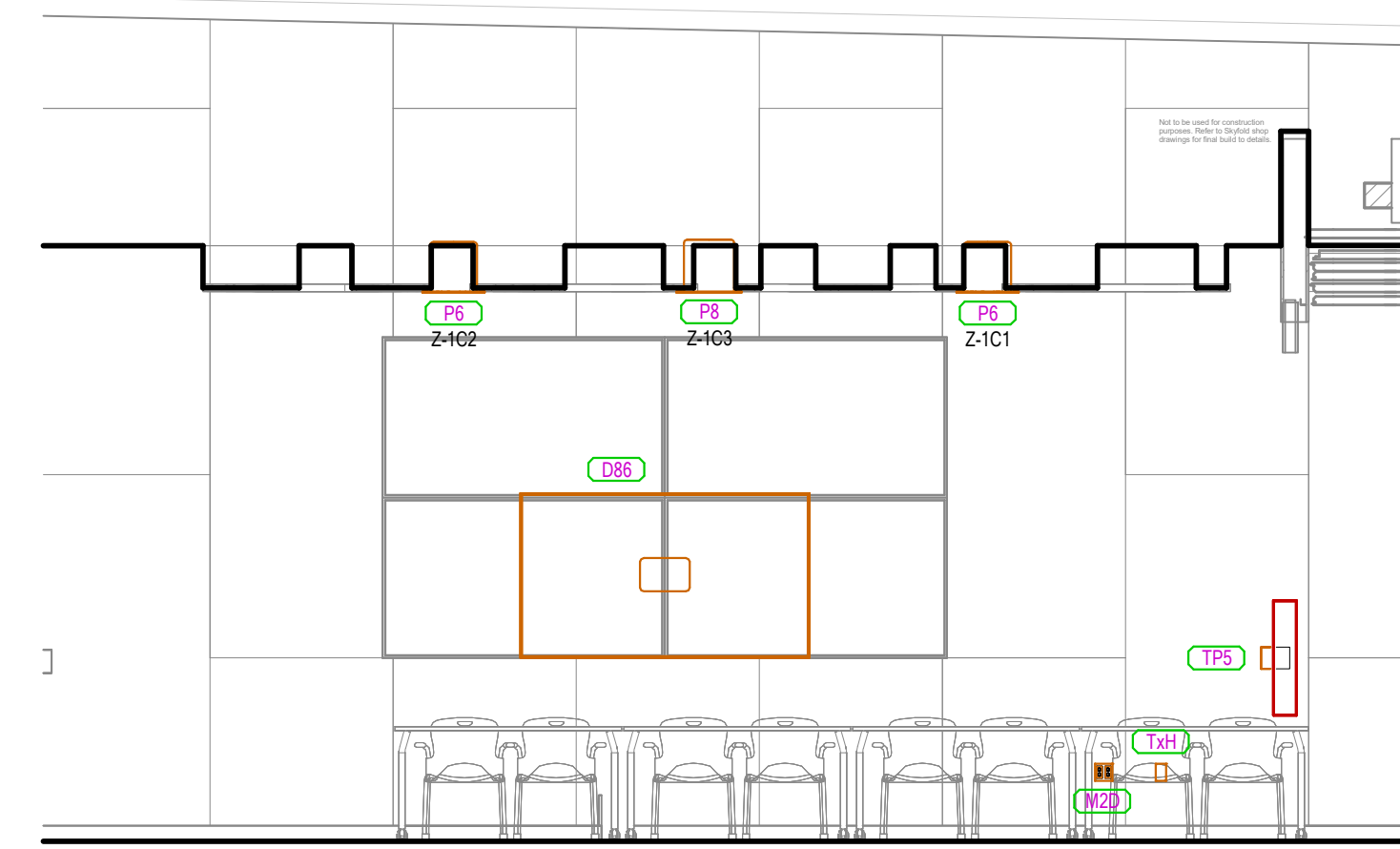
T501



1 CONFERENCE ROOM/TESTING ROOM ELEVATIONS
SCALE = 1/4" = 1'-0"



2 MULTIPURPOSE ROOM EAST ELEVATIONS
SCALE = 1/4" = 1'-0"



3 MULTIPURPOSE ROOM WEST ELEVATIONS
SCALE = 1/4" = 1'-0"

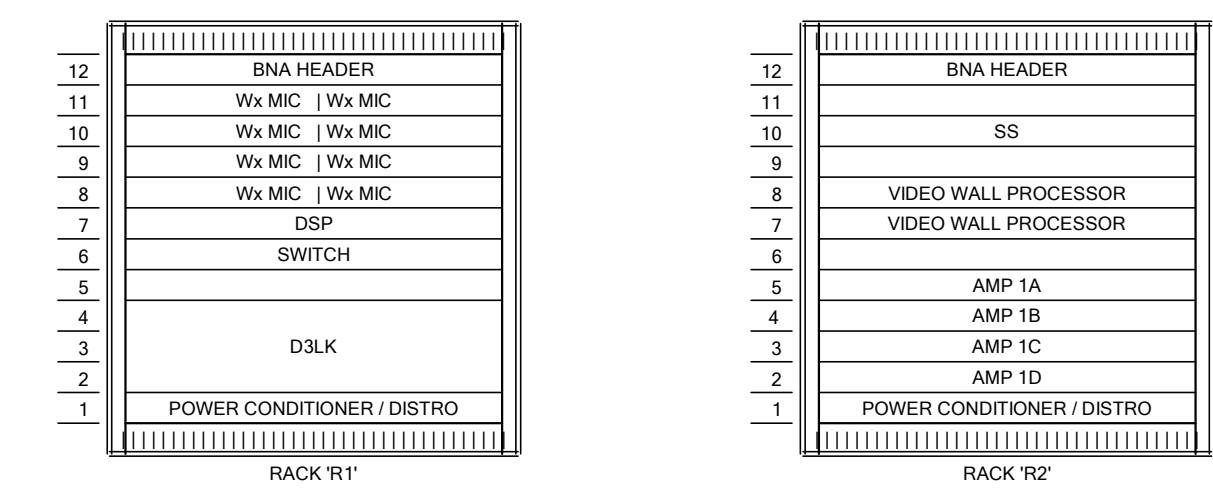


DIAGRAM 4 RACK ELEVATION - MULTI-PURPOSE/STUDENT COMMONS
NTS

- DIAGRAM NOTES:
1. LOCATED IN RACK 'R'
 2. MOUNT DEVICE BEHIND DISPLAY
 3. INCLUDE WBS BODYPACK AND LAVALIER MICROPHONE AS PER EQUIPMENT LIST
 4. CONNECT DATA PORTS AS PER DIAGRAM V302 ON PAGE T700
 5. LOCATED IN RACK 'R'

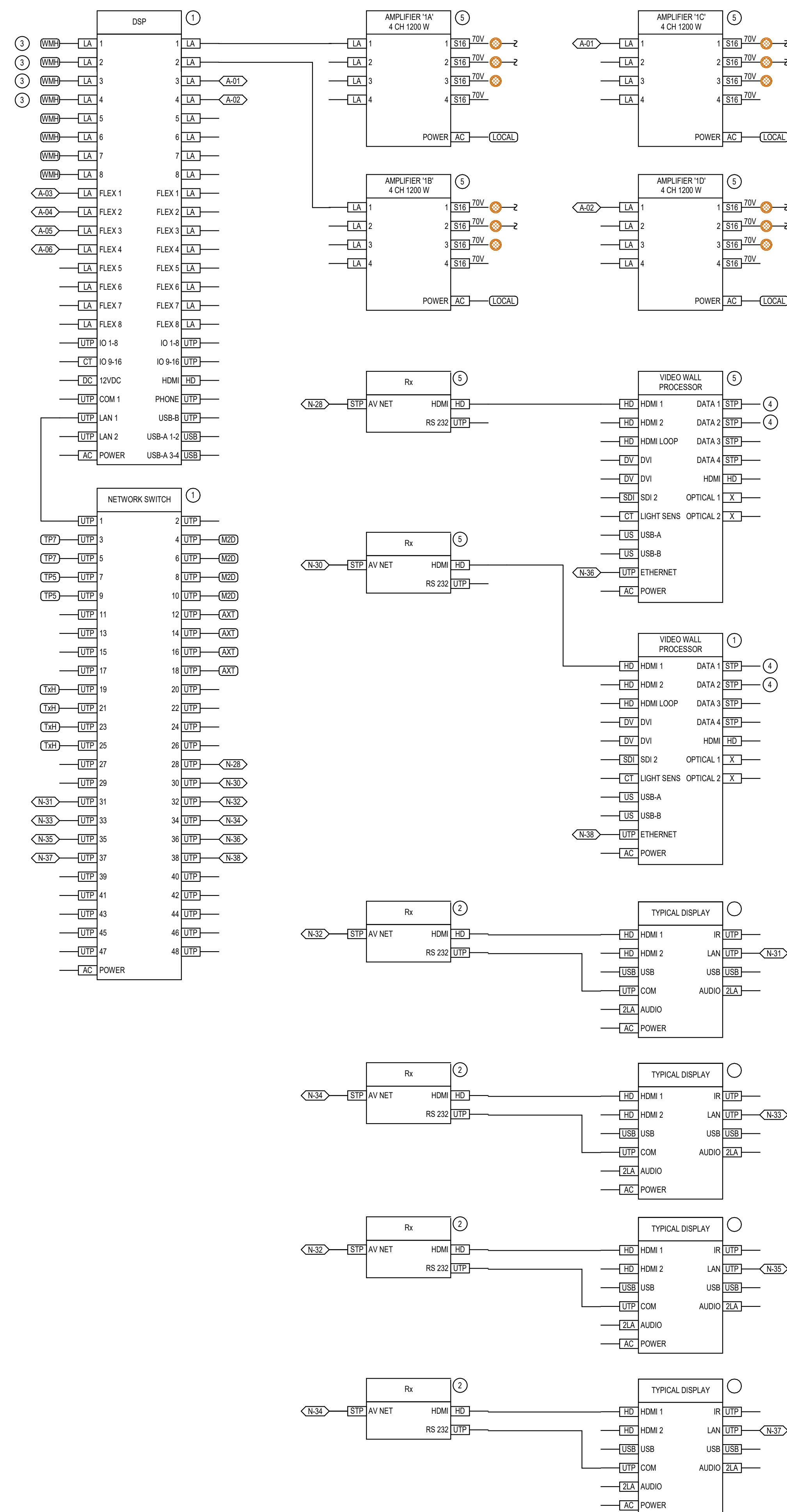
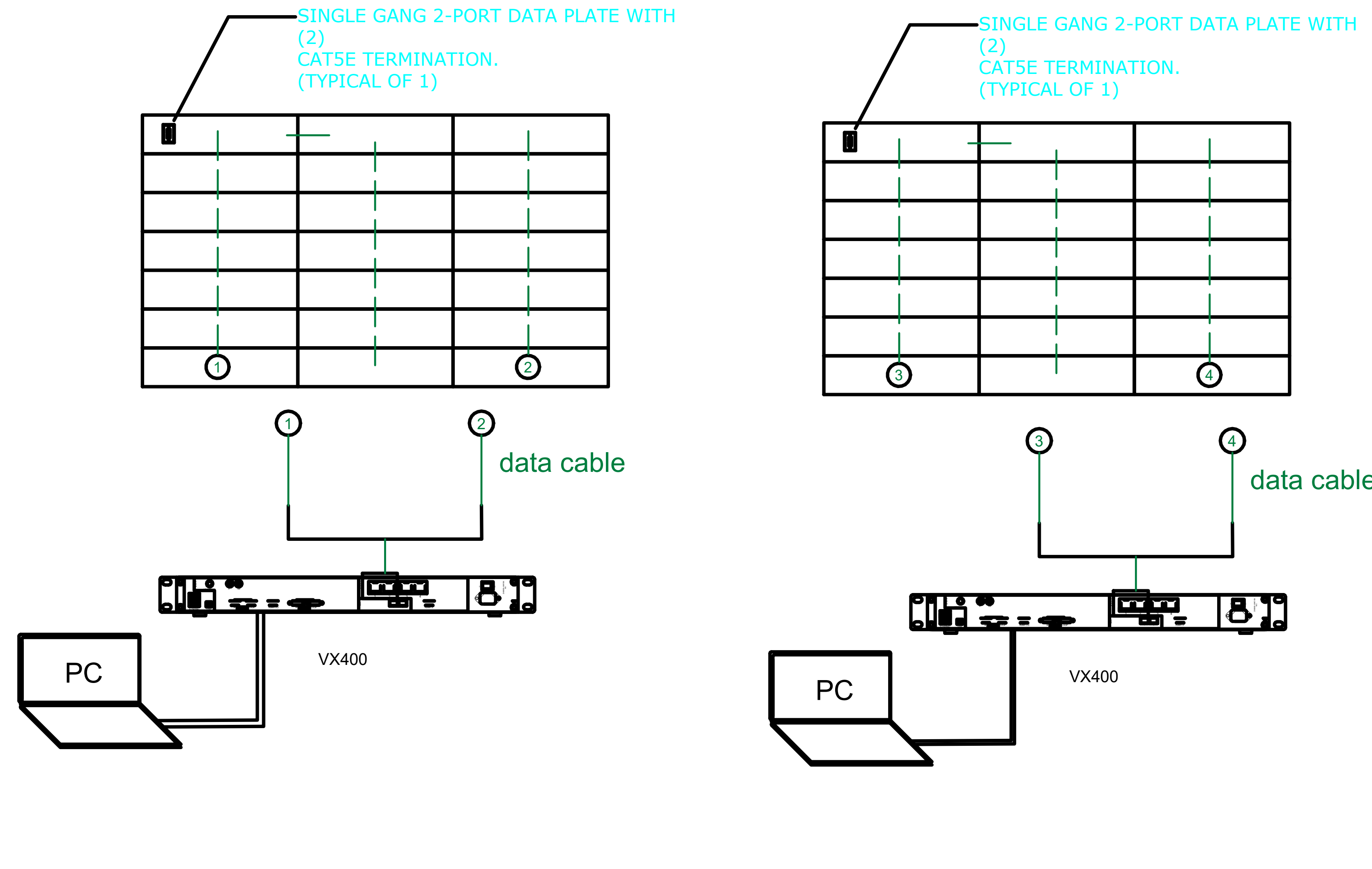


DIAGRAM (V301) MULTI-PURPOSE ROOM AV SIGNAL FLOW NTS

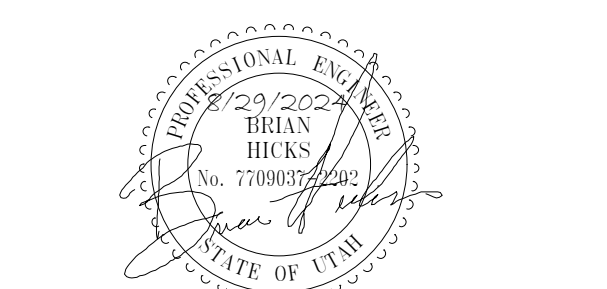


PRODUCT	K2.5 V3
PANEL SIZE (WxH)	1000x250 MM
PANEL RESOLUTION (WxH)	400x100 PIXELS
PANEL ARRAY (WxH)	(3 x 7) x 2
SCREEN SIZE (WxH)	(3000 x 1750) x 2 MM
SCREEN RESOLUTION (WxH)	(1200 x 700) x 2 PIXELS
PANEL POWER MAX.	90 W
SCREEN POWER MAX.	3780 W

DIAGRAM (V302) VIDEO WALL CONNECTION DIAGRAM NTS

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SHEET NUMBER
T700

GENERAL DIAGRAM NOTES:

- A. CONDUIT SHALL BE RUN POINT-TO-POINT FROM EQUIPMENT RACK JUNCTION BOX TO EACH DEVICE BACK BOX OR PULL BOX FOR DEVICES. PROVIDE PULL STRINGS IN ALL CONDUITS AND TETHER AT EACH TERMINATING JUNCTION BOX END.

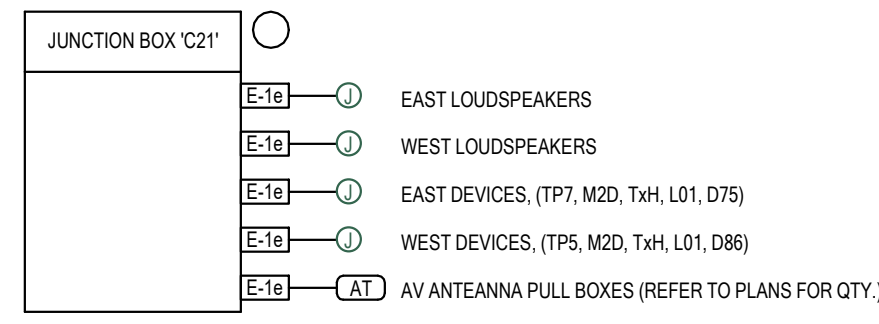


DIAGRAM V102 FOOTBALL FIELD / PRESS BOX CONDUIT RISER NTS

DIAGRAM NOTES:

1. LOCATED IN RACK 'R1'
2. SECURE DEVICE TO PROJECTOR.
3. DOCUMENT CAMERA IN SCIENCE/ART/CTE ROOM ONLY.
4. USE GLOBAL CACHE IP TO RS-232 OR EQUIVALENT.

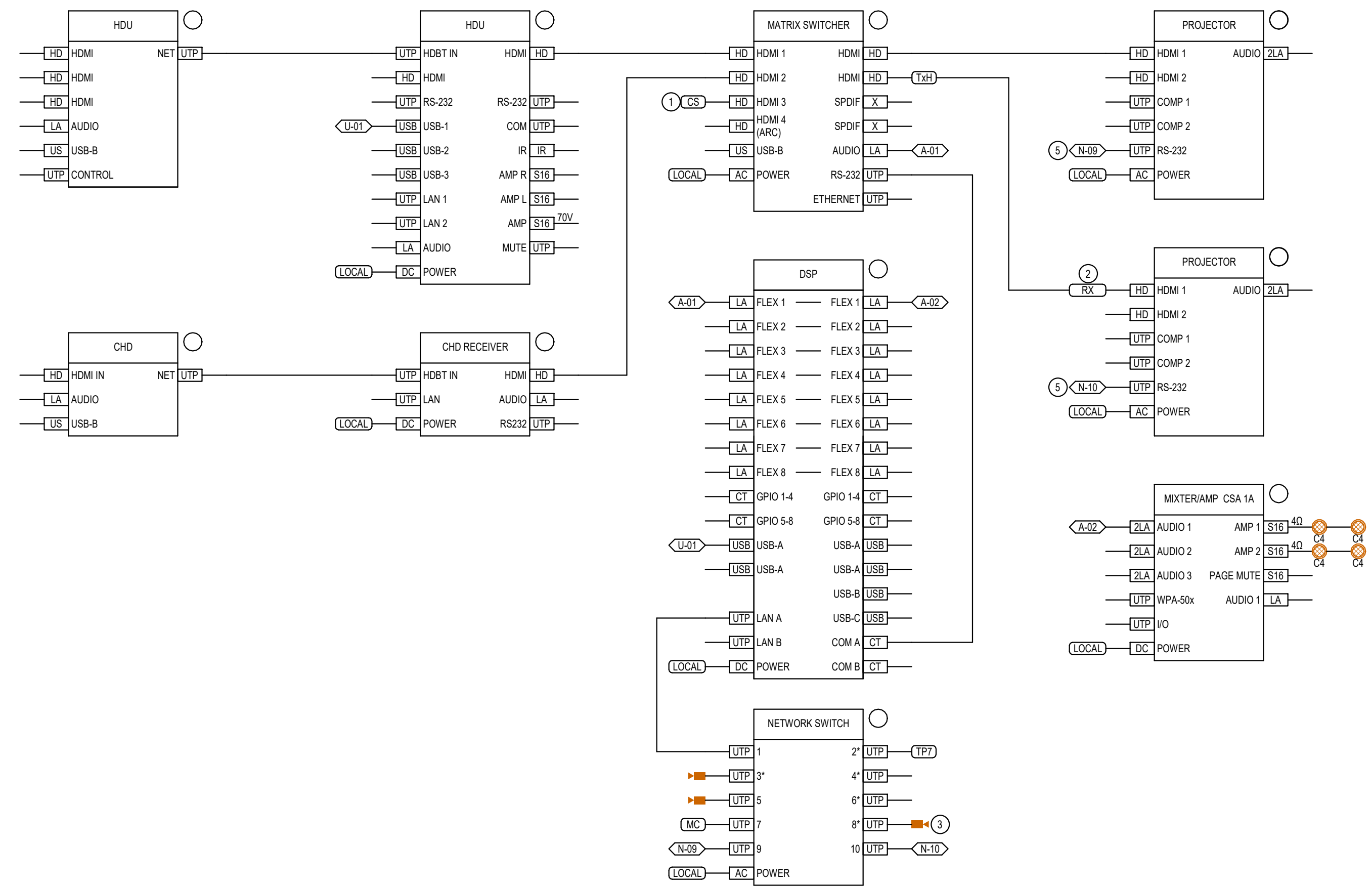


DIAGRAM V254 SCIENCE/ART/CTE CLASSROOM SIGNAL FLOW NTS

DIAGRAM NOTES:

1. LOCATED IN RACK 'R1'
2. SDIF TO ANALOG CONVERTER SUM SIGNAL TO MONO
3. SECURE DEVICE TO PROJECTOR.
4. DOCUMENT CAMERA IN SCIENCE/ART/CTE ROOM ONLY.
5. USE GLOBAL CACHE IP TO RS-232 OR EQUIVALENT.

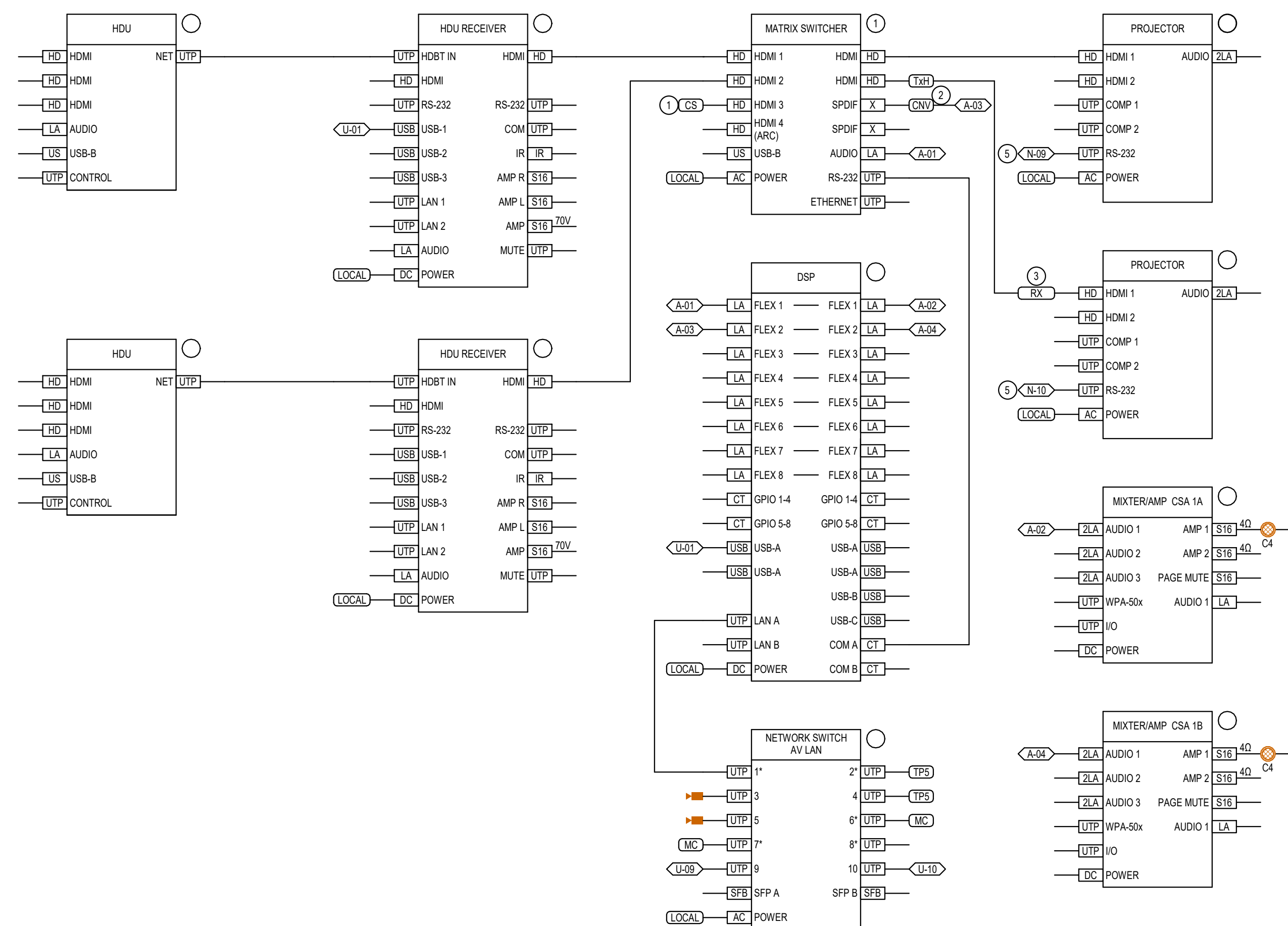
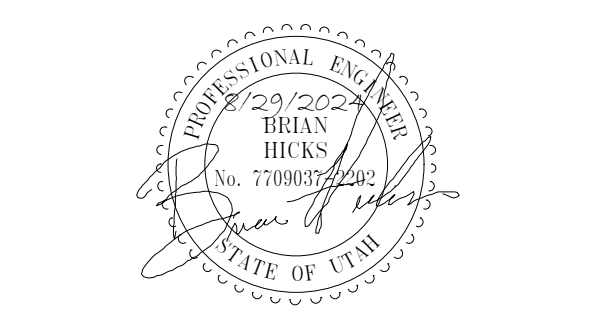


DIAGRAM V259 DIVISIBLE LEARNING STUDIO SIGNAL FLOW NTS

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MHTN PROJECT NO. 2024528

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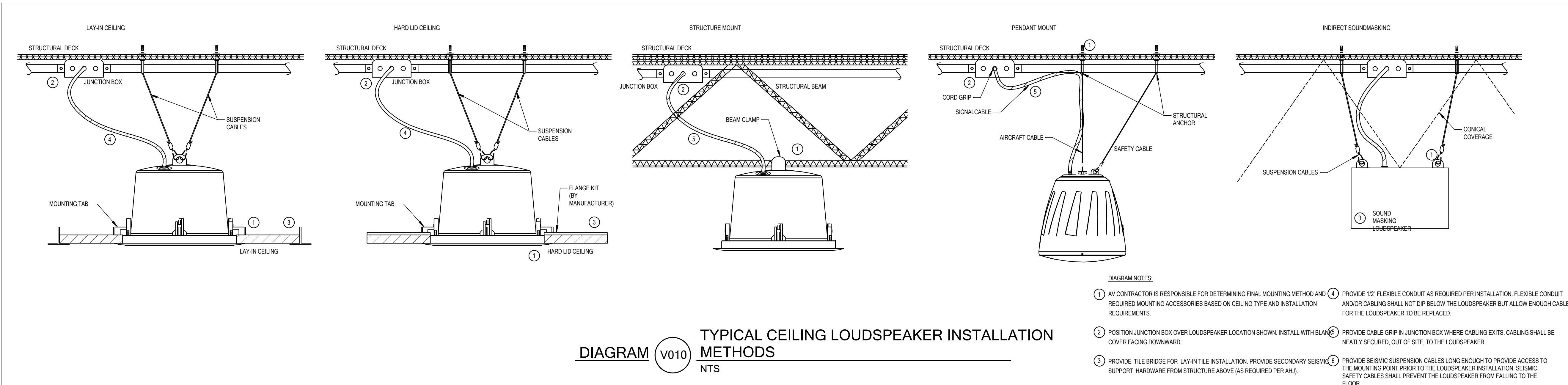
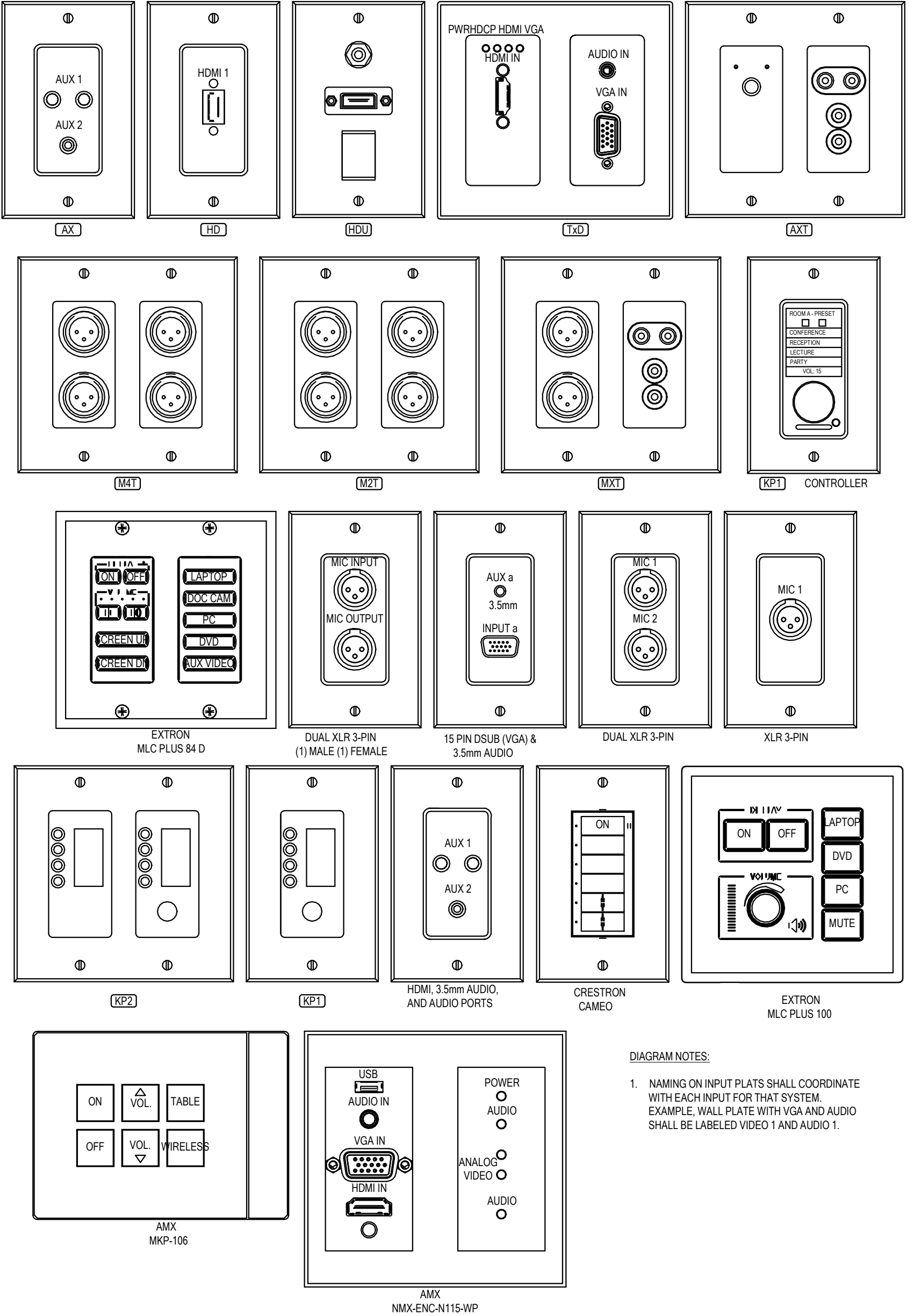
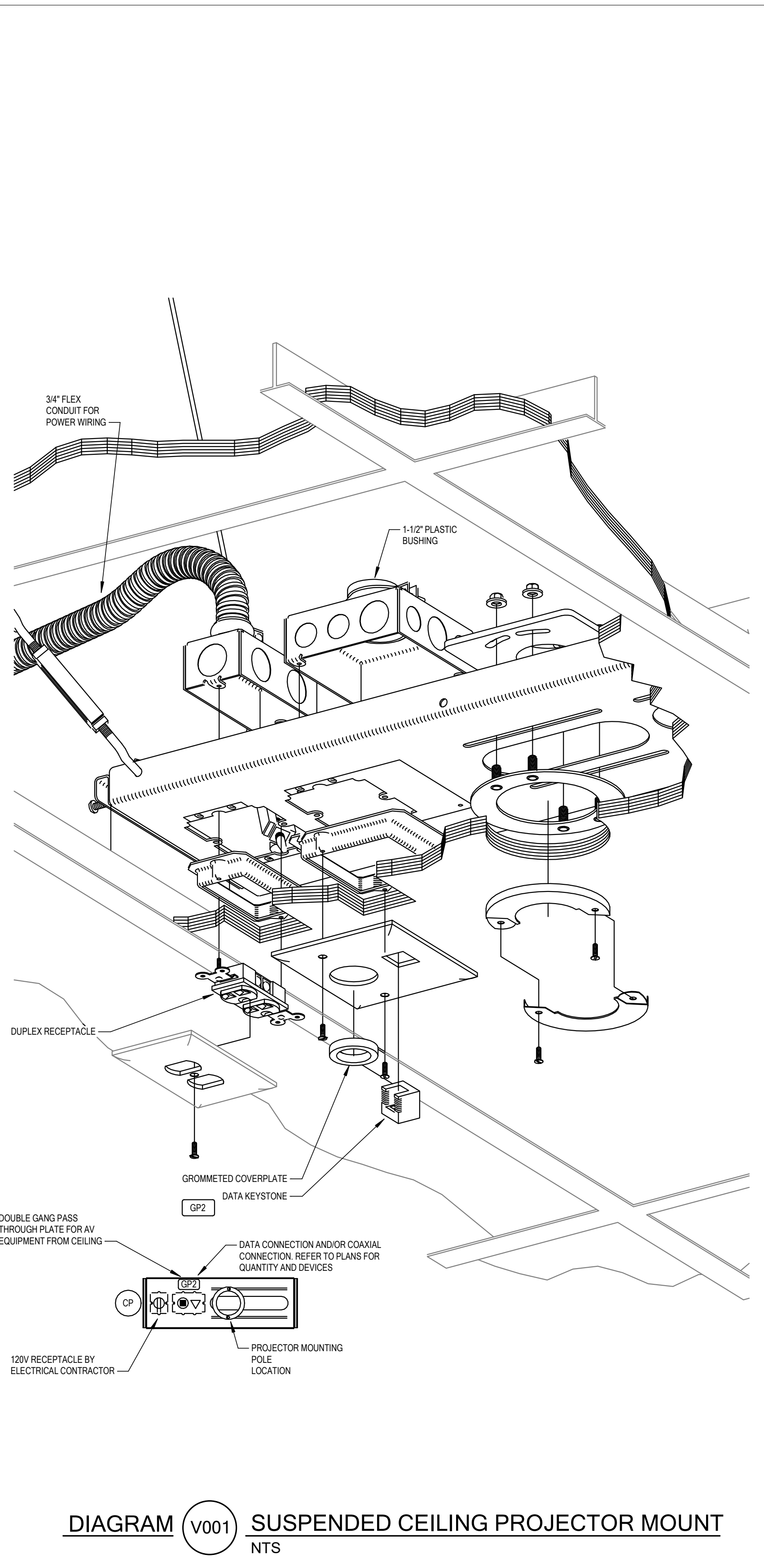
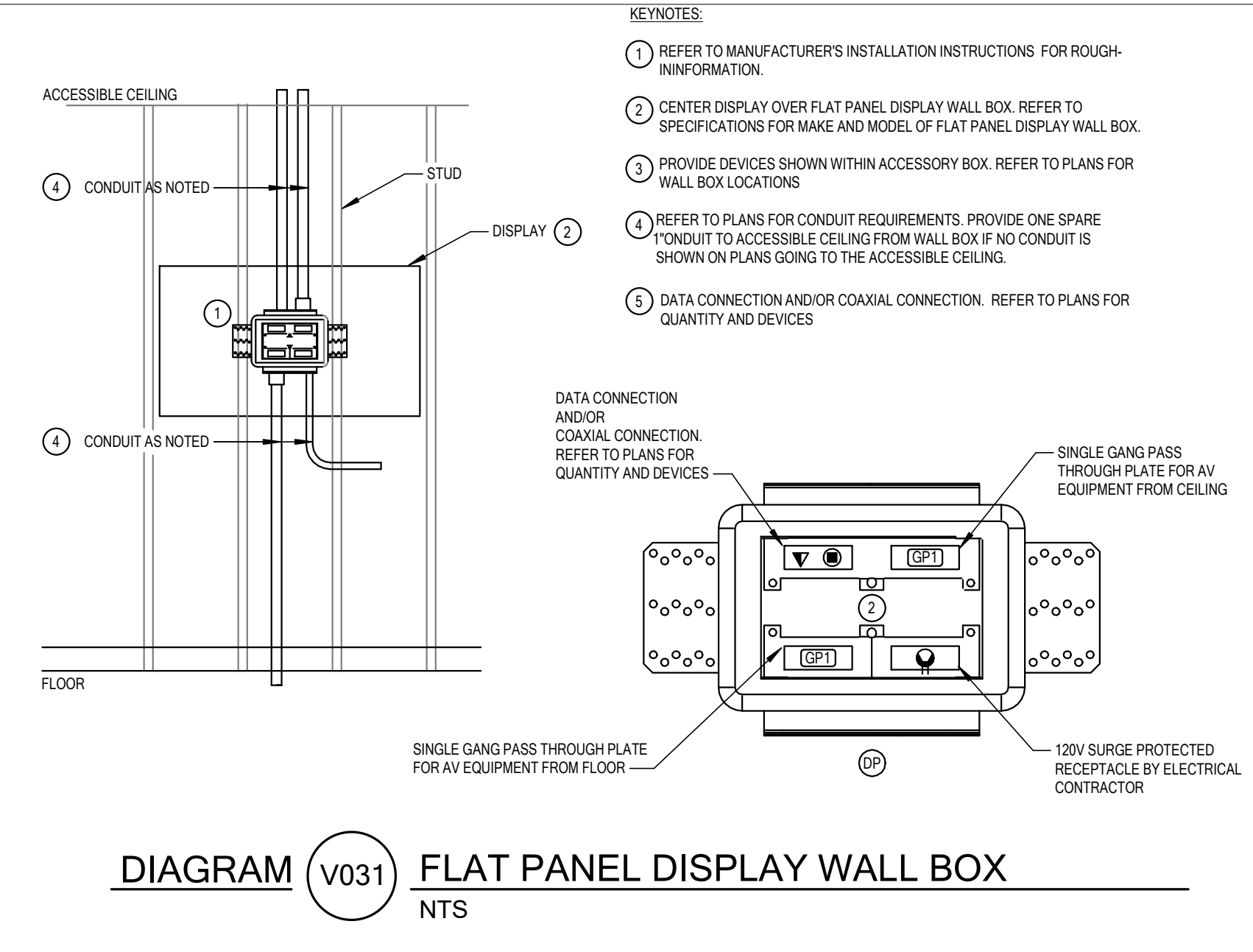
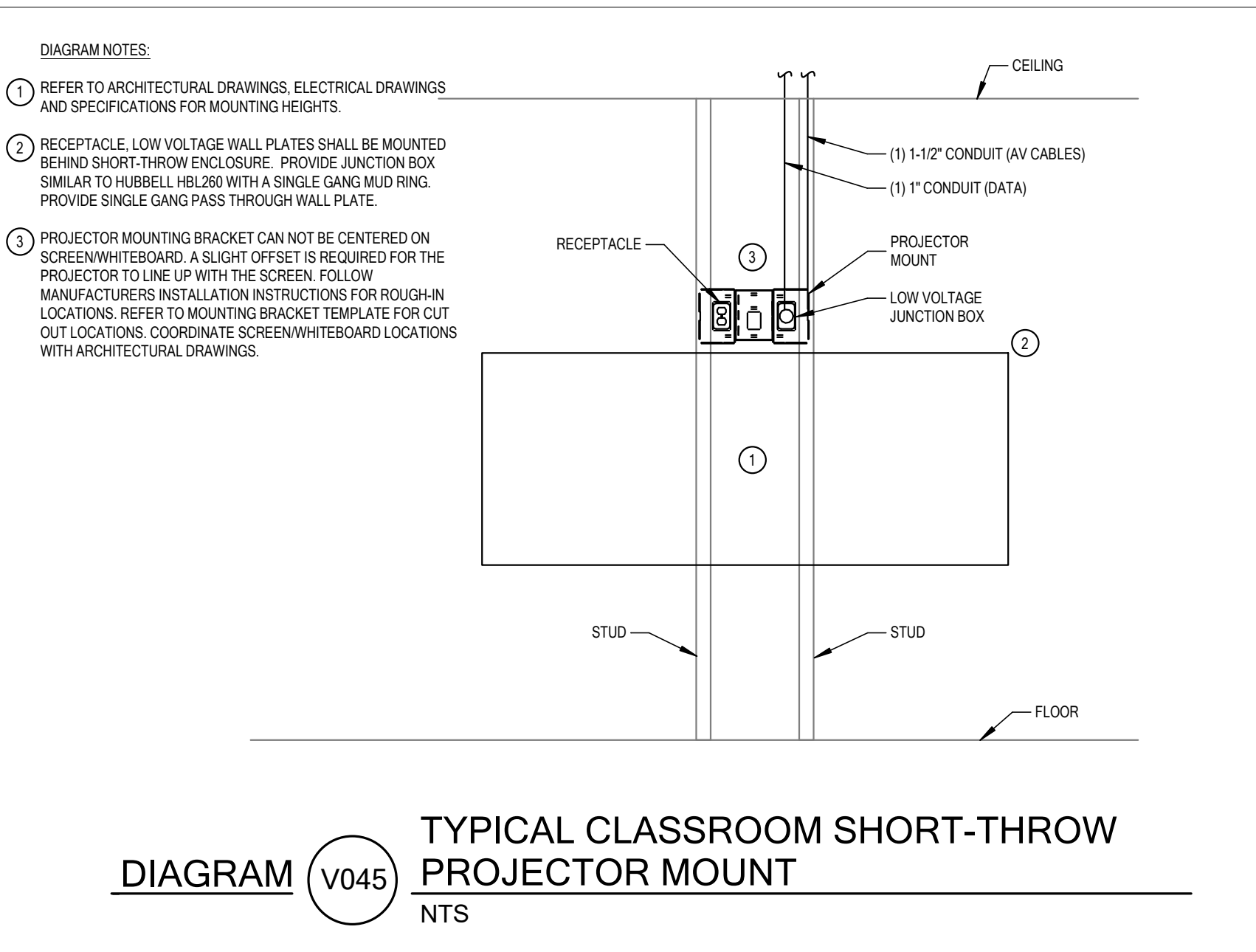
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MHTN PROJECT NO. 2024528

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T702