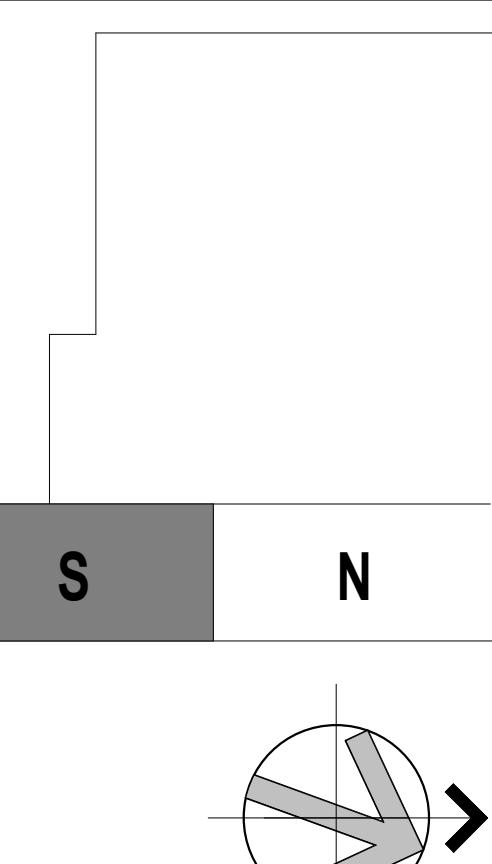


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A	GENERAL NOTES												ABBREVIATIONS											
1.	THE CONTRACTOR SHALL CONFORM TO ALL REQUIREMENTS OF OSHA.																							
2.	THE CONTRACTOR SHALL FIELD CHECK AND VERIFY ALL CONDITIONS AND MEASUREMENTS AT THE SITE AND REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.																							
3.	ALL DIMENSIONS AND SIZES OF EXISTING CONSTRUCTION INDICATED ON THE DRAWINGS SHALL BE CONSIDERED APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD.																							
4.	VARIATIONS BETWEEN ACTUAL FIELD CONDITIONS AND THOSE SHOWN ON THE DRAWINGS SHALL BE REPORTED TO THE ENGINEER.																							
5.	REFER TO ARCHITECTURAL, MECHANICAL, PROCESS, AND ELECTRICAL DRAWINGS OR SPECIFICATIONS FOR LOCATIONS AND DIMENSIONS OF CHASES, SLOTS, INSERTS, CURBS, OPENINGS, AND OTHER PROJECT REQUIREMENTS NOT INDICATED ON STRUCTURAL DRAWINGS.																							
6.	CONTRACTOR SHALL SUBMIT DETAILED DRAWING CERTIFIED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF CONNECTICUT FOR DESIGNING SHORING FOR THE CONSTRUCTION OF THE FOOTING ALONG EXISTING BUILDING AND SHORING AS REQUIRED BASED ON INFORMATION PROVIDED IN THE SOIL REPORT. THESE DRAWINGS SHALL ALSO INCLUDE METHODS TO BE USED TO ADDITIONALLY SUPPORT EXISTING UTILITIES DURING CONSTRUCTION TO PROTECT THEIR STRUCTURAL INTEGRITY.																							
7.	FOOTINGS SHALL BEAR ON THE FIRM UNDISTURBED NATURAL SOIL OR WELL COMPAKTED STRUCTURAL FILL PER RECOMMENDATION OF THE SOIL INVESTIGATION REPORT. MAXIMUM ALLOWABLE SOIL BEARING CAPACITY IS 4000 PSF UNO.																							
8.	AN INDEPENDENT SOIL ENGINEER REGISTERED IN THE STATE OF CONNECTICUT SHALL BE RETAINED BY THE CONTRACTOR TO PROVIDE FIELD TESTING SERVICES.																							
9.	FOUNDATION ELEVATIONS NOTED ON PLAN ARE MINIMUM PRESUMED ELEVATIONS ESTABLISHED FROM AVAILABLE SOIL INFORMATION.																							
C	DEMOLITION												benesch											
1.	TAKE MEASURES TO PREVENT DAMAGE TO EXISTING STRUCTURES DURING DEMOLITIONS. DAMAGE SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.																							
2.	WHERE THE EXISTING STRUCTURE IS TO BE ALTERED OR OTHERWISE DISTURBED, PROVIDE TEMPORARY AND/OR PERMANENT BRACING AND SHORING AS MAY BE REQUIRED BEFORE AND DURING CONSTRUCTION AND UNTIL THE WORK IS SAFELY COMPLETED.																							
3.	CUT EXISTING CONCRETE WITH ROTARY CORING EQUIPMENT. CUT LARGE HOLES BY DRILLING OR CORING A SERIES OF SMALL HOLES AROUND THE PERIPHERY OF THE AREA TO BE REMOVED. USE ADJACENT CONCRETE WIL NOT BE FRACTURED WHEN THE CORING IS MADE. REMOVE CONCRETE DOWELS USED TO SECURE CORING EQUIPMENT AND FILL HOLES WITH NON-SHRINK GROUT.																							
4.	PATCH AND FINISH EXPOSED SURFACES TO MATCH THE ADJACENT AREA UNLESS OTHERWISE INDICATED OR SPECIFIED. USE THE SAME MATERIALS AS THE EXISTING SURFACE.																							
5.	PROVIDE FINAL OPENING SIZES TO THE DIMENSIONS INDICATED. CONTRACTOR SHALL PROVIDE A COPIE OF THE DRAWINGS NOTED ON THE DRAWINGS. DEMOLITION BEYOND THE LIMITS SPECIFIED OR AFFECTING THE EXISTING STRUCTURE INTEGRITY SHALL BE RECTIFIED (REPARED) TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.																							
6.	THE AMOUNT OF DUST RESULTING FROM PREPARATION AND DEMOLITIONS MUST BE CONTROLLED TO PREVENT SPREAD OF DUST TO EQUIPMENT AND TO OCCUPIED AREAS, AND TO AVOID CREATING OF A NUISANCE IN THE SURROUNDING AREAS.																							
D	CONCRETE												TRUMPF INC											
1.	THE DETAILING, BENDING, AND PLACING OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH ACI318-19 CODE REQUIREMENTS. FIELD BENDING WILL NOT BE PERMITTED UNLESS APPROVED BY ENGINEER.																							
2.	MINIMUM CONCRETE STRENGTH AT 28 DAYS SHALL BE 4,500 PSI (UNO).																							
3.	ALL REINFORCING STEEL SHALL BE NEW BILLET STEEL DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60.																							
4.	CONCRETE SHALL BE KEPT MOIST OR COVERED FOR AT LEAST 7 DAYS WITH A MOISTURE RETAINING COVER WHICH WILL NOT DISCOLOR EXPOSED SURFACES NOR IMPAIR BOND OR PENETRATION OF SUBSEQUENTLY APPLIED SEALERS OR FINISHES.																							
5.	STEEL REINFORCING SHALL NOT BE SPLICED AT POINTS OTHER THAN SHOWN ON THE PLANS, EXCEPT AS APPROVED BY THE ENGINEER. UNLESS NOTED OTHERWISE, ONLY HALF OF THE SPLICES MAY OCCUR WITHIN THE REQUIRED LAP LENGTH.																							
6.	THE LENGTH OF ALL LAP SPlices SHALL BE SPECIFIED IN "REINFORCING TENSION SPLICE TABLE" ON THIS SHEET. UNLESS OTHERWISE INDICATED IN DRAWINGS, WHEN BARS OF DIFFERENT SIZE ARE BEING LAPPED, THE LENGTH SHALL BE THE SPECIFIED LAP LENGTH OF THE LARGER BAR.																							
7.	ALL CONCRETE ELEMENTS SHALL HAVE A 3/4" CHAMFER FOR ALL EXPOSED EDGES.																							
E	CONCRETE ANCHORS AND REINFORCING BAR DOWELS												Project											
1.	ADHESIVE TYPE ANCHORS SHALL CONFORM TO THE REQUIREMENTS OF ASTM 1512, "STANDARD TEST METHODS FOR TESTING BOND PERFORMANCE OF ADHESIVE-BONDED ANCHORS" AND ICC-ES AC308, "ACCEPTANCE CRITERIA FOR POST-INSTALLED ADHESIVE ANCHORS IN CONCRETE ELEMENTS".																							
2.	PROVIDE SIZE, TYPE AND EMBEDMENT OF ANCHORS INDICATED INSTALLED TO DEVELOP THE MAXIMUM CAPACITY FOR THE EMBEDMENT, TYPE AND ANCHOR SIZE WITH A MINIMUM SAFETY FACTOR OF FOUR.																							
3.	ANCHOR INSTALLATION SHALL CONFORM TO THE MANUFACTURER'S CURRENT PRINTED INSTRUCTIONS.																							
4.	A QUALIFIED MANUFACTURER'S REPRESENTATIVE SHALL BE PRESENT DURING FIRST INSTALLATION TO ENSURE CORRECT PROCEDURE.																							
5.	REMOVE DUST AND DEBRIS FROM DRILLED HOLES USING COMPRESSED AIR OR VACUUM AT BOTTOM OF HOLE. IMMEDIATELY REMOVE STANDING WATER FROM HOLES TO RECEIVE ADHESIVE ANCHORS.																							
6.	ONLY CAST-IN-PLACE ANCHORS ARE PERMITTED TO BE USED FOR COLUMN BASE PLATE ANCHORAGE. THE USE OF POST-INSTALLED ANCHORS FOR THIS PURPOSE IS PROHIBITED UNLESS AUTHORIZED BY ENGINEER.																							
7.	3/4 INCH CHAMFER USING CHAMFER STRIPS SHALL BE PROVIDED ON ALL EXPOSED CORNERS OF COLUMNS, BEAMS, PILASTERS AND WALLS FOR NEW WORK OR MATCH EXISTING.																							
G	METAL DECK												TRUMPF INC											
1.	METAL DECK SHALL BE AS NOTED ON DRAWINGS, FABRICATED AND ERECTED IN ACCORDANCE WITH THE STEEL DECK INSTITUTE, "SDI SPECIFICATIONS, FOR STEEL COMPOSITE DECK, FORM DECK AND ROOF DECK".																							
2.	THE CONTRACTOR SHALL FURNISH ALL ACCESSORIES INCLUDING CLOSURES, "Z" CLOSURES, COLUMN CLOSURES, SCREED ANGLES AND GIRDER FILLERS, AS REQUIRED.																							
3.	ROOF DECK SHALL RECEIVE ONE SHOP COAT OF PRIMER PAINT.																							
4.	CONTRACTOR SHALL PROVIDE PUBLISHED MANUFACTURER'S DATA AND INDEPENDENTLY CERTIFIED TEST DATA VERIFYING THE SPECIFIED DECK REQUIREMENTS TO THE ENGINEER. THE CONTRACTOR SHALL SUBMIT A COPY OF THE TEST REPORTS AND CHECKED TOP DRAWINGS INDICATING LOCATION, GAGE AND SIZE OF EACH PIECE OF DECKING. TOP DRAWINGS SHALL CLEARLY SHOW WELDING DETAILS TO CONNECT METAL DECK WITH STRUCTURAL FRAMING AND SIDE LAP CONNECTION DETAILS.																							
5.	METAL DECK SHALL BE WELDED TO STRUCTURAL STEEL BY WELDERS QUALIFIED FOR THE PROCEDURE USED, CONSISTENT WITH ANSI/AWS D1.3, "STRUCTURAL WELDING CODE-SHEET STEEL". CONTRACTOR SHALL ESTABLISH A WELDING PROCEDURE FOR CONNECTING STEEL DECKING TO THE STRUCTURAL STEEL PRIOR TO STEEL DECK ERECTION. EACH WELDER SHALL BE QUALIFIED USING THE ESTABLISHED PROCEDURE AS WITNESSED BY THE OWNER'S TESTING AGENT.																							
6.	ROOF DECK SHALL BE WELDED TO SUPPORTING STEEL AT A MAXIMUM SPACING OF 12 INCHES ON-CENTER USING 5/8-INCH DIAMETER PUDDLE WELDS. SIDE LAP SHALL BE FASTENED AT A MAXIMUM SPACING OF 30 INCHES ON-CENTER.																							
7.	NO LOADS SHALL BE HUNG DIRECTLY ABOVE FROM ROOF DECK WITH THE EXCEPTION OF TERTIARY FIRE PROTECTION PIPING BRANCHES. ALL OTHER HANGERS FOR CEILINGS, DUCTWORK, ELECTRICAL CONDUIT, PIPING, PRIMARY FIRE PROTECTION PIPING, ETC. SHALL BE HUNG DIRECTLY FROM STRUCTURAL STEEL WORK OR SUPPLEMENTARY MEMBERS CONNECTED BETWEEN STRUCTURAL STEEL.																							
H	8. DECK INSTALLATION SHALL BE CONTINUOUS OVER AT LEAST THREE SPANS OF FRAMES.												ISSUED FOR BID											
9.	DESIGN DECK FASTENERS FOR A NET ROOF UPLIFT OF 40 PSF (STRENGTH).																							
J	Drawing Title												GENERAL NOTES AND ABBREVIATIONS											
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1. THIS DRAWING IS PROVIDED TO OUTLINE THE MINIMUM LEVEL OF SPECIAL INSPECTIONS DURING CONSTRUCTION TO ENSURE CONFORMANCE TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. A STATEMENT OF SPECIAL INSPECTIONS WILL BE PREPARED BY A REGISTERED DESIGN PROFESSIONAL AND SUBMITTED WITH THE BUILDING PERMIT APPLICATION.																																																																																																																																																												
2. SPECIAL INSPECTIONS WILL BE CONDUCTED IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH IN CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE (IBC).																																																																																																																																																												
3. IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE, THE CONTRACTOR WILL PROVIDE A SPECIAL INSPECTOR (AN APPROVED AGENCY OR AGENCIES, INDEPENDENT FROM THE CONTRACTOR, AND EMPLOYING QUALIFIED PERSONNEL) TO PERFORM SPECIAL INSPECTIONS IDENTIFIED IN THE STATEMENT OF SPECIAL INSPECTIONS. THE SPECIAL INSPECTOR WILL FURNISH INSPECTION REPORTS TO THE ENGINEER AND BUILDING OFFICIAL.																																																																																																																																																												
4. SPECIAL INSPECTIONS SHALL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR QUALITY CONTROL OF THE WORK OR FOR CONFORMANCE TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. DETECTION, OR FAILURE TO DETECT, DEFECTS IN THE WORK SHALL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY TO CORRECT ALL DEFECTS IN THE WORK, WHETHER DETECTED OR NOT, AND OF RESPONSIBILITY FOR CONFORMANCE TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.																																																																																																																																																												
5. REMOVE AND REPLACE, OR REPAIR, DEFECTS IN THE WORK AND WORK NOT IN CONFORMANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL BEAR THE COSTS FOR THE INSPECTION OF ANY REPLACED OR REPAIRED PORTIONS OF THE WORK.																																																																																																																																																												
6. CONTRACTOR SHALL COOPERATE WITH SPECIAL INSPECTORS BY PROVIDING SUFFICIENT NOTICE FOR THE SCHEDULING OF PERSONNEL, AND BY ALLOWING FREE AND SAFE ACCESS TO THE WORK FOR OBSERVATION, VERIFICATION, SAMPLING AND INSPECTION, PROVIDE AND PERMIT THE USE OF LADDERS, SCAFFOLDING, INCIDENTAL EQUIPMENT, AND SAFETY EQUIPMENT AS MAY BE REQUIRED TO CONDUCT SPECIAL INSPECTIONS. ALL SUCH PROVISIONS FOR FREE AND SAFE ACCESS AND EQUIPMENT SHALL BE SAFE, IN GOOD WORKING CONDITION, AND ERECTED, MAINTAINED, AND HANDLED BY QUALIFIED PERSONNEL.																																																																																																																																																												
7. SPECIAL INSPECTIONS DO NOT APPLY TO CONTRACTOR'S EQUIPMENT, TEMPORARY STRUCTURES USED FOR CONSTRUCTION, MEANS AND METHODS OF CONSTRUCTION, OR SITE SAFETY. CONTRACTOR SHALL REMAIN RESPONSIBLE FOR ADEQUACY AND SAFETY OF EQUIPMENT, TEMPORARY STRUCTURES USED FOR CONSTRUCTION, MEANS AND METHODS OF CONSTRUCTION AND SITE SAFETY.																																																																																																																																																												
TABLE 1 - REQUIRED VERIFICATION AND INSPECTION OF SOILS (IBC, TABLE 1705.6)																																																																																																																																																												
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SET SCREW TYPE SYSTEMS: PROPER LENGTH OF INSERTION, SET SCREWS TIGHTENED TO NAME PLATE, AND OTHER TYPES OF MECHANICAL REINFORCING STEEL COUPLING SYSTEMS OR SUBSTITUTIONS: VERIFICATION AND INSPECTION REQUIREMENTS WILL BE ESTABLISHED BY THE ENGINEER.</td><td></td><td></td><td></td><td></td></tr> <tr><td>VERIFYING USE OF REQUIRED DESIGN MIX</td><td>1705.3 1910.2 1910.3</td><td>X</td><td></td><td>ACI 318: CHAPTER 4, SECTIONS 5.2-5.4</td></tr> <tr><td>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</td><td>1705.3 1910.10</td><td>X</td><td></td><td>ACI 318: SECTIONS 5.6, 5.8 ASTM C172 ASTM C31</td></tr> <tr><td>INSPECTION OF CONCRETE PLACEMENT</td><td>1705.3 1910.6 1910.7 1910.8</td><td>X</td><td></td><td>ACI 318: SECTIONS 5.9, 5.10</td></tr> <tr><td>INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES</td><td>1705.3 1910.9</td><td>X</td><td></td><td>ACI 318: SECTIONS 5.11-5.13</td></tr> <tr><td>INSPECTION OF PRESTRESSED CONCRETE: a. APPLICATION OF PRESTRESSING FORCES b. CROUTING OF BONDED PRESTRESSING TENDONS IN THE SEISMIC-FORCE-RESISTING SYSTEM</td><td>1705.3</td><td>X</td><td></td><td>ACI 318: SECTION 18.20</td></tr> <tr><td>ERCTION OF PRECAST CONCRETE MEMBERS</td><td>1705.3</td><td>X</td><td></td><td>ACI 318: CHAPTER 16</td></tr> <tr><td>VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRENGTHENING OF TENDONS IN POSTTENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS</td><td>1705.3</td><td>X</td><td></td><td>ACI 318: SECTION 6.2</td></tr> <tr><td>INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED</td><td>1705.3</td><td>X</td><td></td><td>ACI 318: SECTION 6.1.1</td></tr> <tr><td>F_r AND F_c SLAB ON GRADE FLATNESS TESTING</td><td></td><td></td><td></td><td>ASTM E1155 DIN18202 REPORT MAXIMUM DEVIATION OVER SLAB AREA</td></tr> <tr><td colspan="25">REQUIRED VERIFICATION AND INSPECTION OF POST-INSTALLED CONCRETE ANCHORS</td></tr> <tr><td colspan="25">INSPECTION OF MECHANICAL ANCHORS INSTALLED IN HARDENED CONCRETE (EXPANSION ANCHORS AND UNDERCUT ANCHORS)</td></tr> <tr><td colspan="25">VERIFICATION AND INSPECTION OF ABRASIVE ANCHORS, DO NOT INSTALL IN HARDENED CONCRETE. ANCHOR PRODUCT NAME, TYPE, DIMENSIONS, HOLE DIMENSIONS, COMPLIANCE WITH DRILL BIT REQUIREMENTS, HOLE PREPARATION AND SURFACE ROUGHNESS, CLEANLINESS OF THE HOLE AND BORE, AND THAT THE EXPANSION TUBE, ANCHOR/ADHESIVE, INSTALLATION, ANCHOR EMBEDMENT, AND TIGHTENING TORQUE</td></tr> <tr><td>1705.1 1705.2 1705.3 1705.4 1705.5 1705.6 1705.7 1705.8 1705.9 1705.10 1705.11 1705.12 1705.13 1705.14 1705.15 1705.16 1705.17 1705.18 1705.19 1705.20 1705.21 1705.22 1705.23 1705.24 1705.25 1705.26 1705.27 1705.28 1705.29 1705.30 1705.31 1705.32 1705.33 1705.34 1705.35 1705.36 1705.37 1705.38 1705.39 1705.40 1705.41 1705.42 1705.43 1705.44 1705.45 1705.46 1705.47 1705.48 1705.49 1705.50 1705.51 1705.52 1705.53 1705.54 1705.55 1705.56 1705.57 1705.58 1705.59 1705.60 1705.61 1705.62 1705.63 1705.64 1705.65 1705.66 1705.67 1705.68 1705.69 1705.70 1705.71 1705.72 1705.73 1705.74 1705.75 1705.76 1705.77 1705.78 1705.79 1705.80 1705.81 1705.82 1705.83 1705.84 1705.85 1705.86 1705.87 1705.88 1705.89 1705.90 1705.91 1705.92 1705.93 1705.94 1705.95 1705.96 1705.97 1705.98 1705.99 1705.100 1705.101 1705.102 1705.103 1705.104 1705.105 1705.106 1705.107 1705.108 1705.109 1705.110 1705.111 1705.112 1705.113 1705.114 1705.115 1705.116 1705.117 1705.118 1705.119 1705.120 1705.121 1705.122 1705.123 1705.124 1705.125 1705.126 1705.127 1705.128 1705.129 1705.130 1705.131 1705.132 1705.133 1705.134 1705.135 1705.136 1705.137 1705.138 1705.139 1705.140 1705.141 1705.142 1705.143 1705.144 1705.145 1705.146 1705.147 1705.148 1705.149 1705.150 1705.151 1705.152 1705.153 1705.154 1705</td></tr></tbody></table>	VERIFICATION AND INSPECTION	IBC REFERENCE	INSPECTION FREQUENCY	REFERENCE STANDARD				CONTINUOUS	PERIODIC		INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS, AND PLACEMENT	1705.3 1910.4		X	ACI 318: SECTION 3.5 AND SECTIONS 7.1-7.7	INSPECTION OF WELDING FOR REINFORCING STEEL, IN ACCORDANCE WITH IBC, TABLE 1705.2.2 ITEM 2B (WHEN WELDING IS SPECIFIED OR APPROVED IN WRITING)	1705.3			SEE TABLE 5	INSPECTION OF BOLTS TO BE INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE	1705.3 1908.5 1909.1	X		ACI 318: SECTIONS 8.1.3, 21.2.8	VERIFICATION AND INSPECTION OF MECHANICAL REINFORCING STEEL COUPLING SYSTEM (WHEN SPECIFIED OR APPROVED IN WRITING), PRODUCT NAME AND NUMBER, TYPE, REINFORCING STEEL GRADE AND BAR DIAMETER(S) TO BE SPICED		X		PER ICC TEST REPORT FOR COUPLING SYSTEM	THREADED SYSTEMS: END PLUGS INSTALLED OVER INTERNALLY THREADED ENDS, INTERNAL AND EXTERNAL THREADS, AND THREADS OF CLEAVERNESS, PROPER LENGTH OF INSERTION, AND TIGHTENED TO MANUFACTURER'S RECOMMENDED TORQUE. 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ISSUED FOR BID

No.	Date	Description
06/06/2022	06/06/2022	REVISION PACKAGE ISSUED FOR BID
08/22/2022	08/22/2022	ADDITIONUM A
01/11/2023	01/11/2023	ADDITIONUM 3
01/20/2023	01/20/2023	ADDITIONUM 6

**FOUNDATION
PLAN - SOUTH**

① FOUNDATION PLAN - SOUTH

1/8" = 1'-0"

12/28/2023 12:28:38 PM

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FOUNDATION PLAN NOTES:

1. FOUNDATION FOOTING ELEVATIONS ARE BASED ON A STRUCTURAL CONCRETE FINISHED FLOOR SLAB ELEVATION OF 186'-0" (EQUAL TO ARCHITECTURAL ELEVATION OF 0'-0")
2. CONCRETE FLOOR SLABS AND ALL OTHER SUBSTRUCTURE COMPONENTS SHALL BE PLACED ON A 15 MIL (STEGO-WRAP, OR SIMILAR) VAPOR BARRIER AND 2IN STONE (AASHTO #57 CRUSHED STONE AGGREGATE) BASE COMPACTED TO DEPTH AS SPECIFIED ON PLANS. THICKNESS OF FLOOR SLABS VARY. SEE PLANS, SECTIONS, AND DETAILS.
3. ISOLATED COLUMN AND WALL FOOTING SIZE ARE INDICATED AS: # (SEE SCHEDULE FOR REINFORCING)
4. ELEVATIONS INDICATED AT FOOTING LOCATIONS ARE TO BOTTOM OF SPREAD FOOTING.
5. COLUMN PIER SIZE ARE INDICATED AS: # (TOP OF PIERS TO BE SET 8" BELOW FLOOR SLAB ELEVATION (U.N.O.).
6. ALL FOOTINGS EXPOSED TO FREEZE-THAW CONDITIONS SHALL BE SET A MINIMUM OF 3'-6" DEEP MEASURED FROM FINISHED GRADE TO THE BOTTOM OF THE FOOTING. SEE CIVIL PLANS FOR FINISHED GRADE ELEVATIONS.
7. "STEP" DESIGNATES FOOTING STEP. REFER TO TYPICAL DETAILS FOR STEPPED FOOTING TRANSITION.
8. "CJ" DESIGNATES SAW CUT CONTROL JOINT.
9. "FCJ" DESIGNATES FORMED CONSTRUCTION JOINT.
10. CROSS HATCHED AREAS INDICATE SPECIAL CONDITION NOT EXPRESSED BY TYPICAL DETAILS OR SECTIONS THAT REQUIRE COORDINATION WITH THE ARCHITECTURAL, MECHANICAL, AND EQUIPMENT DRAWINGS UNLESS NOTED OTHERWISE (U.N.O.).
11. REFER TO ARCHITECTURAL, MECHANICAL, EQUIPMENT, AND CIVIL SITE PLANS FOR ADDITIONAL INFORMATION NOT INDICATED ON THESE PLANS. CONTRACTOR TO COORDINATE LOCATION OF THE EXISTING BUILDING FOOTINGS AND COORDINATE WITH THE NEW PROPOSED FOOTING DIMENSIONS AND ELEVATIONS. DIMENSIONS SHOWN TO THE EXISTING FOOTINGS ARE APPROXIMATE.
12. SEE TYPICAL DETAILS, SECTIONS, AND NOTES FOR ADDITIONAL INFORMATION NOT REPEATED HERE.
13. CONTRACTOR TO FIELD VERIFY DIMENSIONS AND ELEVATION OF THE EXISTING BUILDING FOOTINGS AND COORDINATE WITH THE NEW PROPOSED FOOTING DIMENSIONS AND ELEVATIONS. DIMENSIONS SHOWN TO THE EXISTING FOOTINGS ARE APPROXIMATE.
14. CONTRACTOR TO COORDINATE AND VERIFY THE FOUNDATION WALL SECTIONS TO INCOOPERATE WITH ARCHITECTURAL DETAIL.

 DESIGNATES DEPRESSED SURFACE OR SLOPING FLOOR. COORDINATE FINISH WITH ARCH DWGS

Project Manager: Project No.: 70744.00
Project Architect: Production Leader:
Project Designer: Peer Reviewer:

Drawing Number:

S1.01



Alfred Benesch & Company
120 Hebron Avenue, Floor 2
Glastonbury, CT 06033
860.633.8341

Client/Contractor

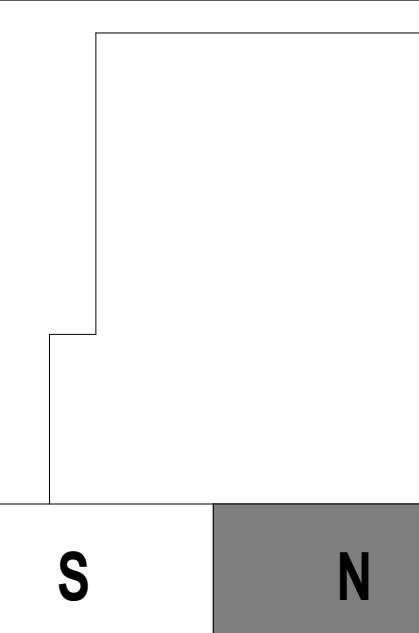
TRUMPF INC

111 HYDE ROAD
FARMINGTON, CT

Project

TRUMPF INC

BUILDING-2 2022 ADDITION
1 JOHNSON AVE.
FARMINGTON, CT



Seals

ISSUED FOR BID

No.	Date	Description
1	06/06/2022	RELEASE PACKAGE
2	08/22/2022	ISSUED FOR BID
1	08/22/2022	ADDENDUM A
2	11/12/2022	ADDENDUM 3
3	12/02/2022	ADDENDUM 5

Drawing Title
**FOUNDATION
PLAN - NORTH**

Project Manager: Project No.: 70744.00
Project Architect: Production Leader:
Project Designer: Peer Reviewer:

Drawing Number

S1.02

① FOUNDATION PLAN - NORTH

1/8" = 1'-0"

FOUNDATION PLAN NOTES:

- SEE SHEET S1.01 FOR TYPICAL FOUNDATION PLAN NOTES.
- FIELD VERIFY BOTTOM ELEVATION OF EXISTING FOOTING ALONG GRID G.1. NEW FOOTING ELEVATION TO MATCH EXISTING.
- CONTRACTOR TO COORDINATE FINAL GEOMETRY OF EQUIPMENT PITS LAYOUT AT PAINT SHOP WITH FINAL APPROVED SHOP DRAWINGS.

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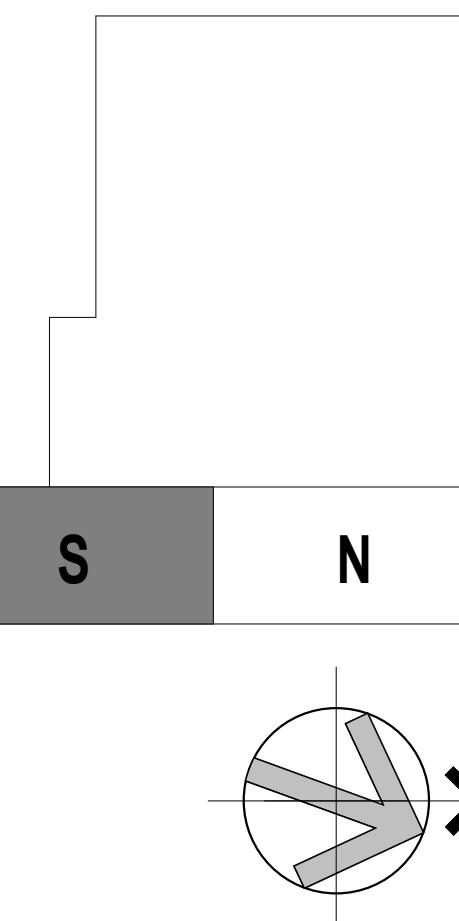
TRUMPF INC

111 HYDE ROAD
FARMINGTON, CT

Project

TRUMPF INC

BUILDING-2 2022 ADDITION
1 JOHNSON AVE.
FARMINGTON, CT



ISSUED FOR BID

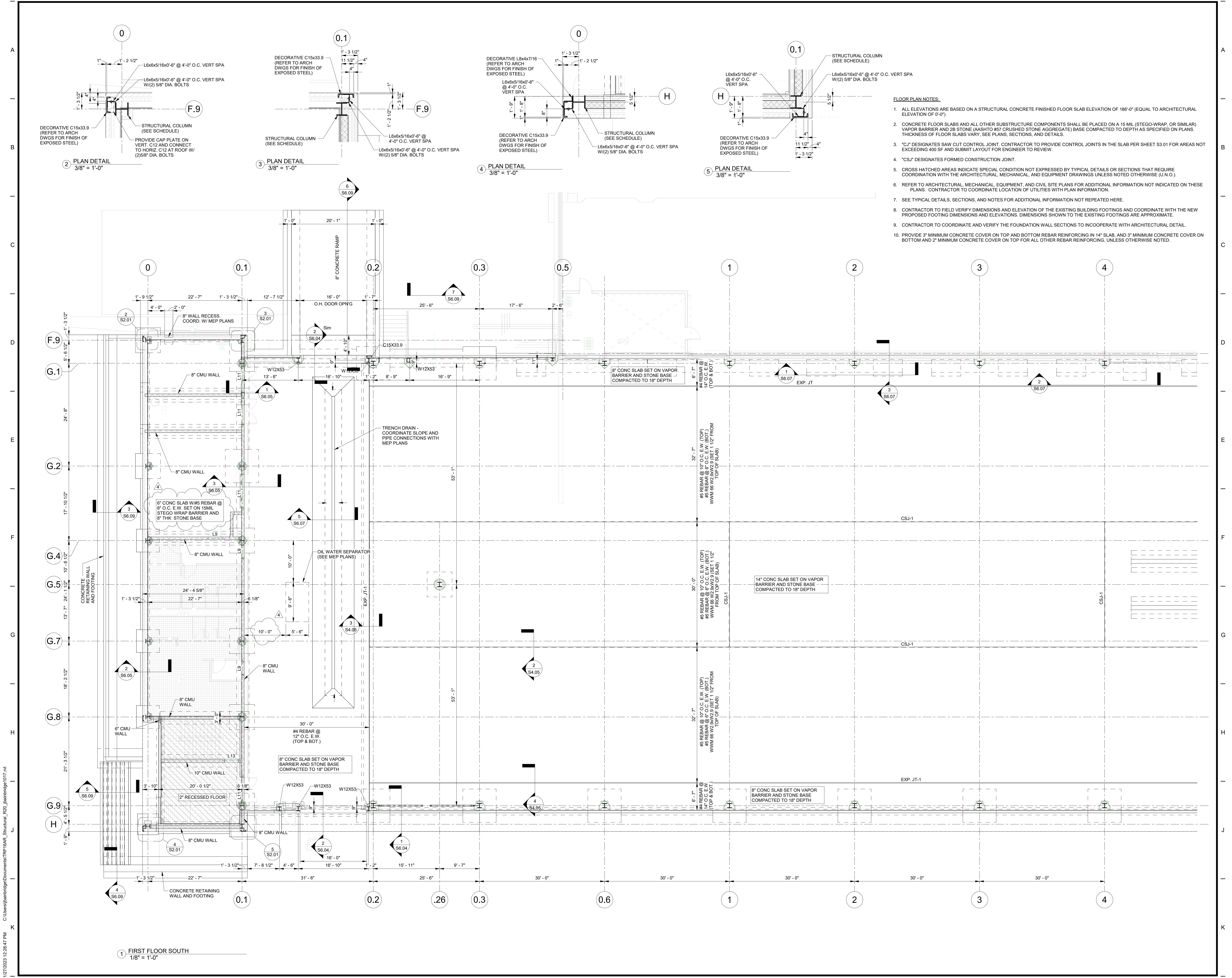
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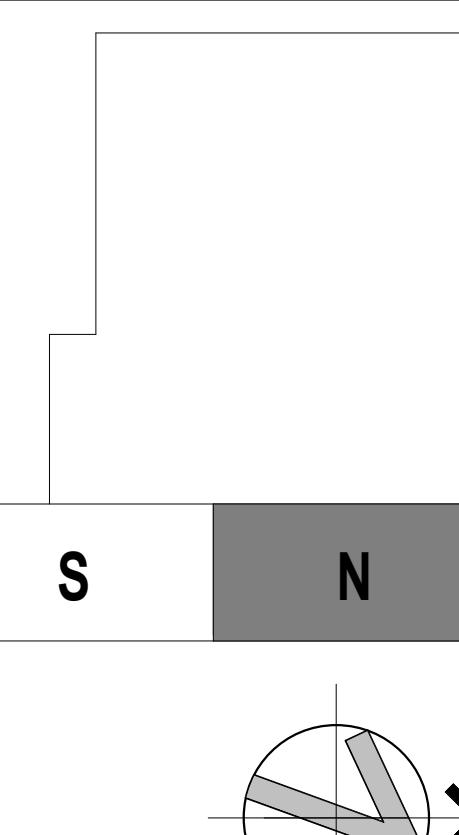
Drawing Title
**FIRST FLOOR
PART PLAN
SOUTH**

Project Manager:	Project No.:	70744.00
Project Architect:	Production Leader:	
Project Designer:	Peer Reviewer:	

Drawing Number

S2.01





ISSUED FOR BID


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2	11/21/2022	ADDENDUM 3

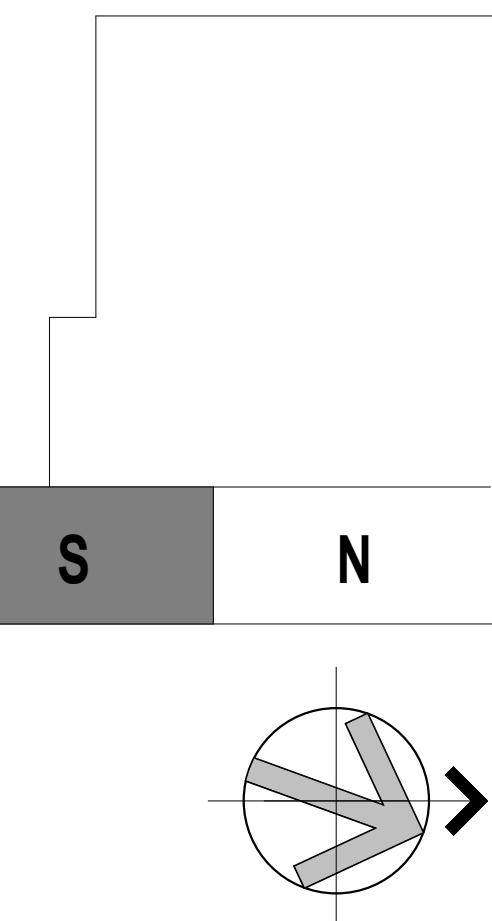
Drawing Title
**FIRST FLOOR
PART PLAN
NORTH**

Project Manager: Project No.: 70744.00
Project Architect: Production Leader:
Project Designer: Peer Reviewer:

Drawing Number

S2.02





Seals

ISSUED FOR BID

No.	Date	Description
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06/09/2022		ISSUED FOR BID
1	06/22/2022	ADDENDUM A

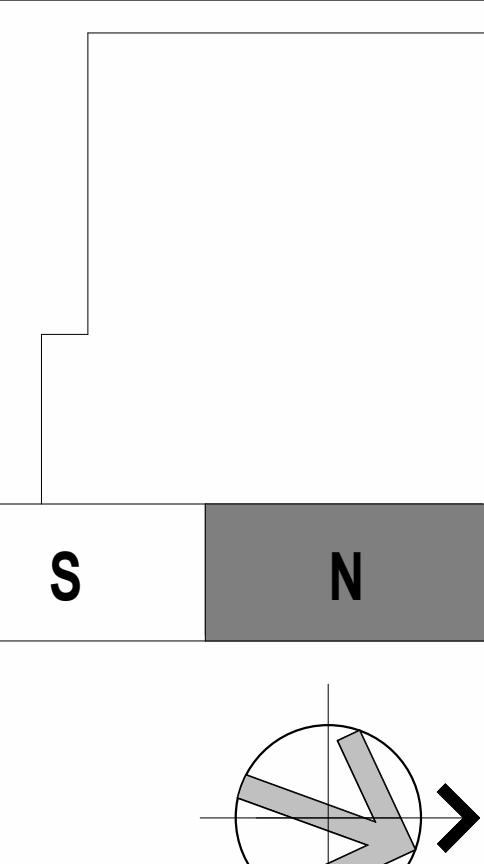
Drawing Title
**LOW GIRT
FRAMING PART
PLAN SOUTH**

Project Manager:	Project No.:	70744.00
Project Architect:	Production Leader:	
Project Designer:	Peer Reviewer:	

Drawing Number

S2.03

① WALL GIRT - LOW - SOUTH
1/8" = 1'-0"



G Seals

ISSUED FOR BID


No.	Date	Description
06/06/2022		RELEASE PACKAGE
06/06/2022		ISSUED FOR BID
1	08/22/2022	ADDENDUM A
6	05/30/2023	PCS, TRUSS, CRANE BEAM UPDATE
7	10/19/2023	PR-003

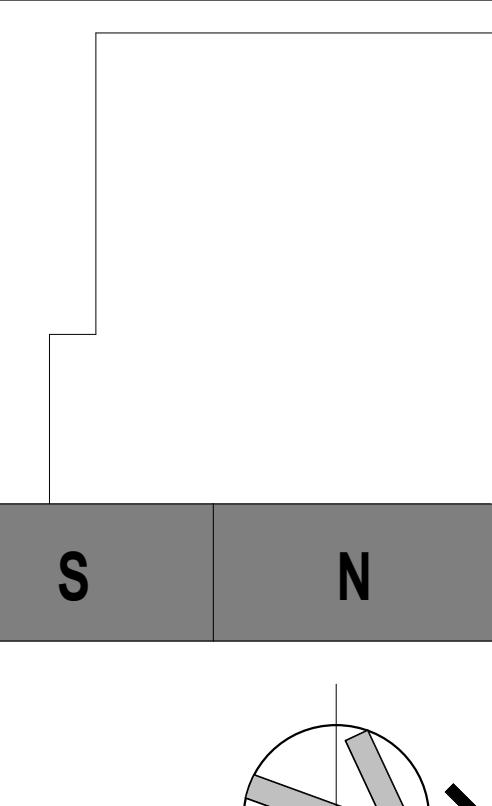
H Drawing Title
**LOW GIRT
FRAMING PART
PLAN NORTH**

Project Manager:	Project No.:	70744.00
Project Architect:	Production Leader:	
Project Designer:	Peer Reviewer:	

Drawing Number

S2.04





Seals

ISSUED FOR BID

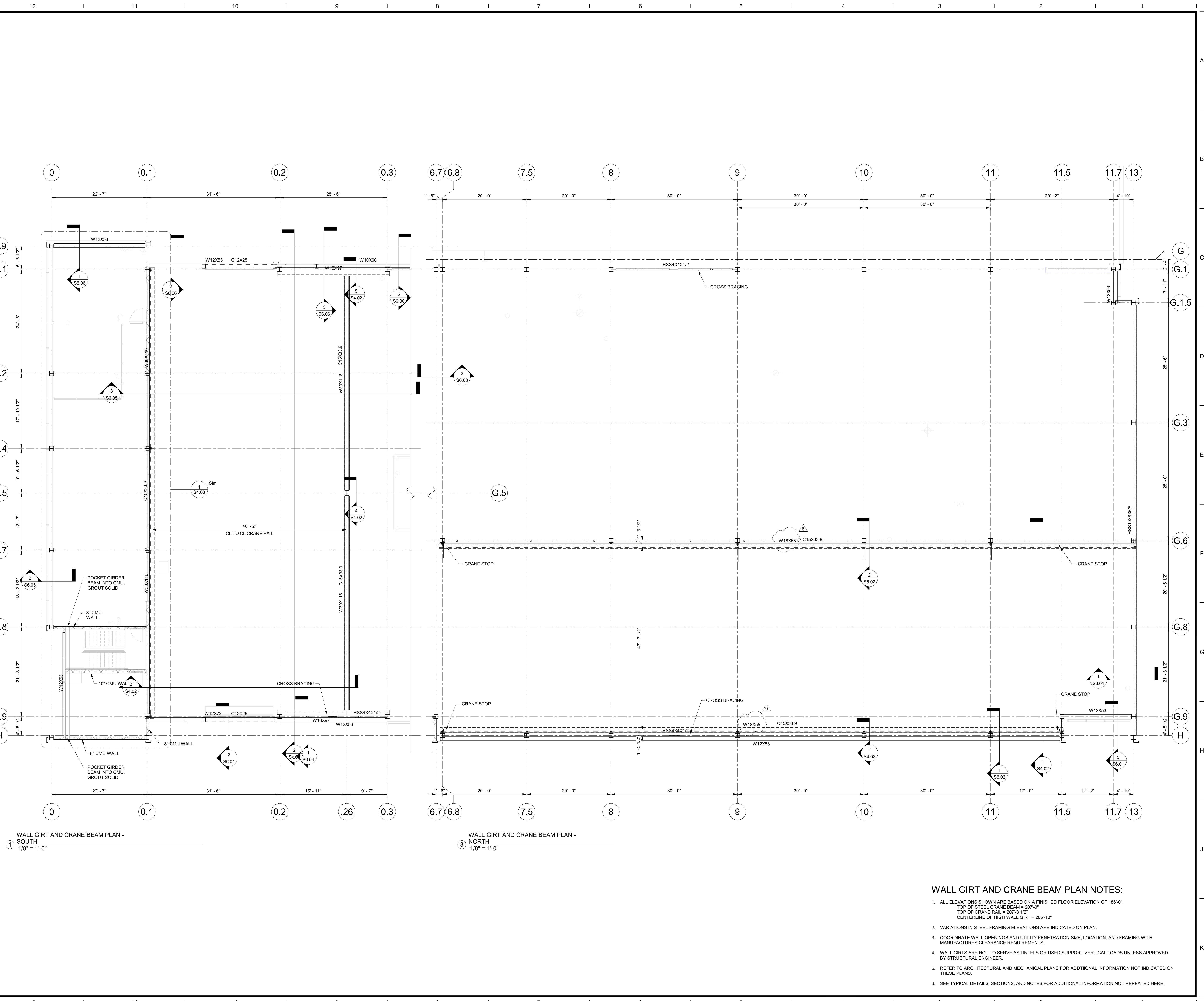
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6	06/06/2023	REVIEW PACKAGE
6	06/06/2023	ISSUED FOR BID
6	05/30/2023	PCS, TRUSS, CRANE BEAM UPDATE

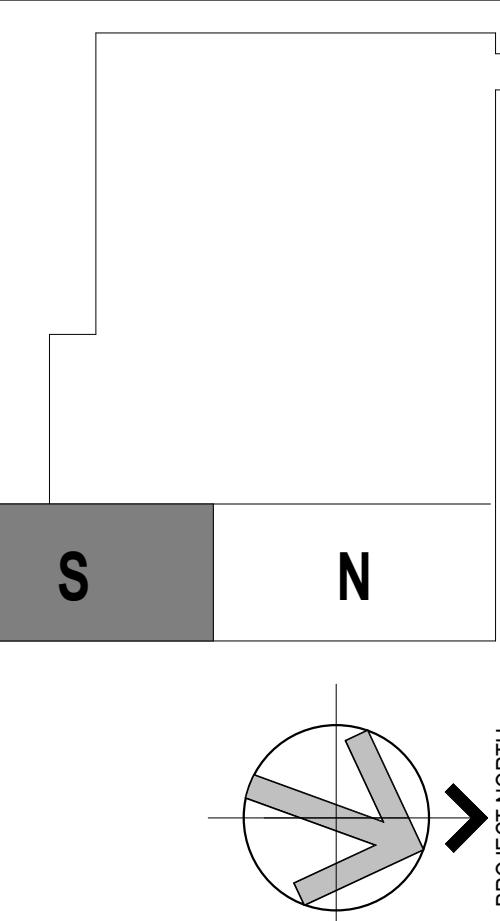
Drawing Title
**WALL GIRT AND
CRANE BEAM
PLAN**

Project Manager:	Project No.:	70744.00
Project Architect:	Production Leader:	
Project Designer:	Peer Reviewer:	

Drawing Number

S2.05





Seals

ISSUED FOR BID

Issues / Revisions	
No.	Date
1	06/06/2022
2	08/03/2022
3	11/12/2022
4	12/02/2022
5	01/20/2023
6	ADDITION 3
7	ADDITION 5
8	ADDITION 6

ROOF FRAMING PART PLAN SOUTH

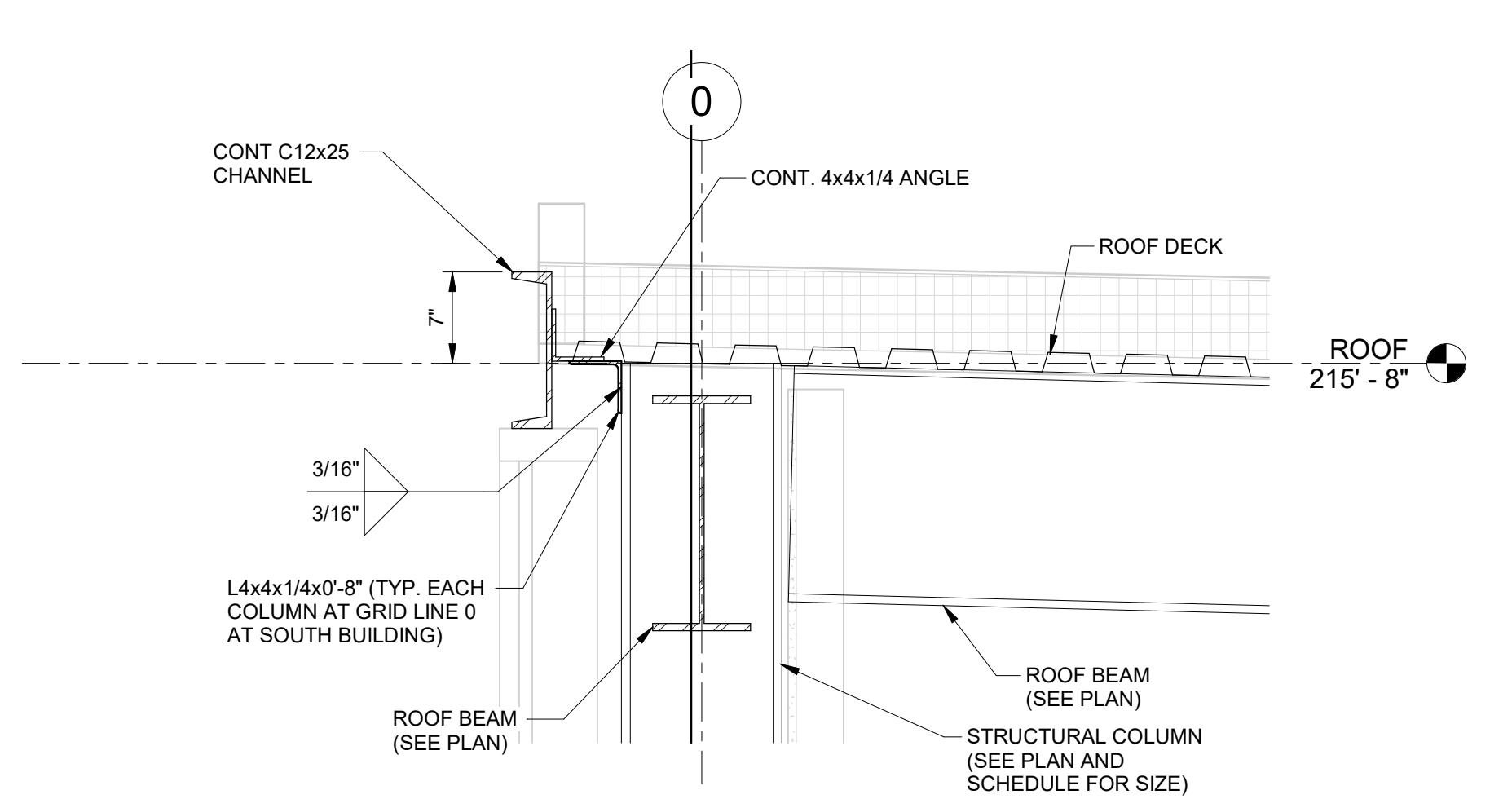
Project Manager:	Project No.:
Project Architect:	Production Leader:
Project Designer:	Peer Reviewer:

Drawing Number

S2.06

ROOF FRAMING NOTES:

- ALL ELEVATIONS SHOWN ARE TO TOP OF ROOF FRAMING MEMBERS BASED ON A FINISHED FLOOR ELEVATION OF 186'-0".
- ELEVATION FOR TOP OF ROOF FRAMING MEMBERS IS 215'-8". VARIATIONS IN ELEVATION ARE INDICATED AS (##").
- SLOPING FRAMING MEMBERS ARE INDICATED BY USE OF * SUFFIX ON MEMBER DESIGNATION. REFER TO END CONNECTION POINTS AT ADJACENT FRAMING MEMBERS TO DETERMINE PITCH.
- HORIZONTAL SPACING (CENTER TO CENTER) OF ROOF MEMBERS TO BE: BEAMS: 6'-0" MAX. JOISTS: 6'-0" MAX. TRUSS: 5'-0" MAX. BRIDGING: 1/3 POINTS OF SPAN
- COORDINATE ROOF OPENINGS AND UTILITY PENETRATION SIZE, LOCATION, AND SUPPORT FRAMING WITH MANUFACTURER'S CLEARANCE REQUIREMENTS. FOR OPENINGS LARGER THAN 12' REFER TO TYPICAL DETAILS FOR ADDITIONAL FRAMING REQUIREMENTS.
- ROOF DECKING TO BE 1 1/2" TYPE C x 18 GA. (1.5C18) PRIME PAINTED METAL DECKING. REFER TO DETAILS AND WALL SECTIONS FOR ADDITIONAL INFORMATION.
- "BPF" DESIGNATES BEAM BEARING PLATE - REFER TO DETAILS FOR SIZE.
- "TCX" DESIGNATES JOIST TO BE MANUFACTURED WITH A TOP CHORD EXTENSION. REFER TO SECTIONS.
- REFER TO ARCHITECTURAL AND MECHANICAL PLANS FOR ADDITIONAL INFORMATION NOT INDICATED ON THESE PLANS.
- SEE TYPICAL DETAILS, SECTIONS, AND NOTES FOR ADDITIONAL INFORMATION NOT REPEATED HERE.
- CONTRACTOR TO COORDINATE FINAL RTU CURB DIMENSIONS WITH EQUIPMENT VENDOR FINAL SUBMISSION.
- JOIST MANUFACTURER TO DESIGN FOR DEFLECTION AND CAMBER TOP CHORD AS REQUIRED.
- FOR ALL VJG36-72 JOIST GIRDERS, DO NOT WELD BOTTOM CHORD TO PLATE UNTIL ALL DEAD LOAD HAS BEEN APPLIED TO THE ROOF.
- DESIGNS MOMENT CONNECTION



② ROOF SECTION
1" = 1'-0"

ROOF FRAMING NOTES:

1. ALL ELEVATIONS SHOWN ARE TO TOP OF ROOF FRAMING MEMBERS BASED ON A FINISHED FLOOR ELEVATION OF 186'-0".
2. ELEVATION FOR TOP OF ROOF FRAMING MEMBERS IS 215'-8".
3. SLOPING FRAMING MEMBERS ARE INDICATED BY USE OF "s" SUFFIX ON MEMBER DESIGNATION. REFER TO END CONNECTION POINTS AT ADJACENT FRAMING MEMBERS TO DETERMINE PITCH.
4. HORIZONTAL SPACING (CENTER TO CENTER) OF ROOF MEMBERS TO BEAMS AS NOTED ON PLANS:
JOISTS: 6'-0" MAX. (ALIGN WITH WINDOW MULLIONS)
TRUSS: 5'-0" MAX. (ALIGN WITH WINDOW MULLIONS)
BRIDGING: ALIGN WITH MEZZANINE COLUMNS (SEE PLAN)
5. COORDINATE ROOF OPENINGS AND UTILITY PENETRATION SIZE, LOCATION, AND SUPPORT FRAMING WITH MANUFACTURER'S CLEARANCE REQUIREMENTS. FOR OPENINGS LARGER THAN 12" REFER TO TYPICAL DETAILS FOR ADDITIONAL FRAMING REQUIREMENTS.
6. ROOF DECKING TO BE 1 1/2" TYPE C x 18 GA (.15C18) PRIME PAINTED METAL DECKING. REFER TO DETAILS AND WALL SECTIONS FOR ADDITION INFORMATION.
7. "B#P" DESIGNATES BEAM BEARING PLATE - REFER TO DETAILS FOR SIZE.
8. "TOP" DESIGNATES JOIST TO BE MANUFACTURED WITH A TOP CHORD EXTENSION. REFER TO SECTIONS.
9. REFER TO ARCHITECTURAL AND MECHANICAL PLANS FOR ADDITIONAL INFORMATION NOT INDICATED ON THESE PLANS.
10. SEE TYPICAL DETAILS, SECTIONS, AND NOTES FOR ADDITIONAL INFORMATION NOT REPEATED HERE.
11. CONTRACTOR TO COORDINATE FINAL RTU CURB DIMENSIONS WITH EQUIPMENT VENDOR FINAL SUBMISSION.
12. JOIST MANUFACTURER TO DESIGN FOR DEFLECTION AND CAMBER TOP CHORD AS REQUIRED.
13. FOR ALL VG36 JOIST GIRDER ALONG GRID LINES 6, 8, 9, 10 & 11: DO NOT WELD BOTTOM CHORD TO PLATE UNTIL ALL DEAD LOAD HAS BEEN APPLIED TO THE ROOF.
14. ▲ DESIGNATES MOMENT CONNECTION

No	Date	Description
06/06/2022		ISSUED FOR BID
08/22/2022		ADDENDUM 1
11/12/2022		ADDENDUM 3
01/20/2023		ADDENDUM 4
05/30/2023		ADDENDUM 6

Drawing Title
ROOF FRAMING PART PLAN NORTH

Project Manager:	Project No.:
Project Architect:	Production Leader:
Project Designer:	Peer Reviewer:
Drawing Number:	

S2.07

① ROOF FRAMING PLAN - NORTH

1/8" = 1'-0"



Alfred Benesch & Company
120 Hebron Avenue, Floor 2
Glastonbury, CT 06033
860.633.8341

Client/ Contractor

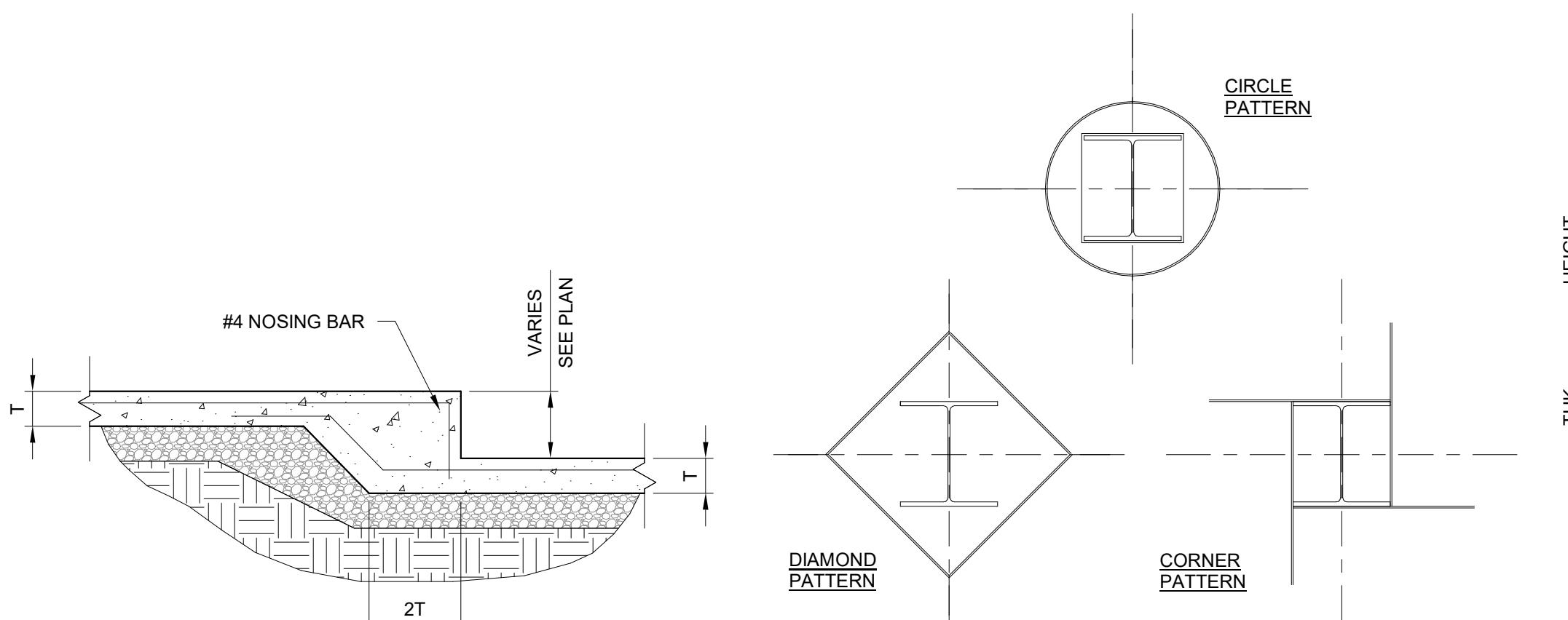
TRUMPF INC

111 HYDE ROAD
FARMINGTON, CT

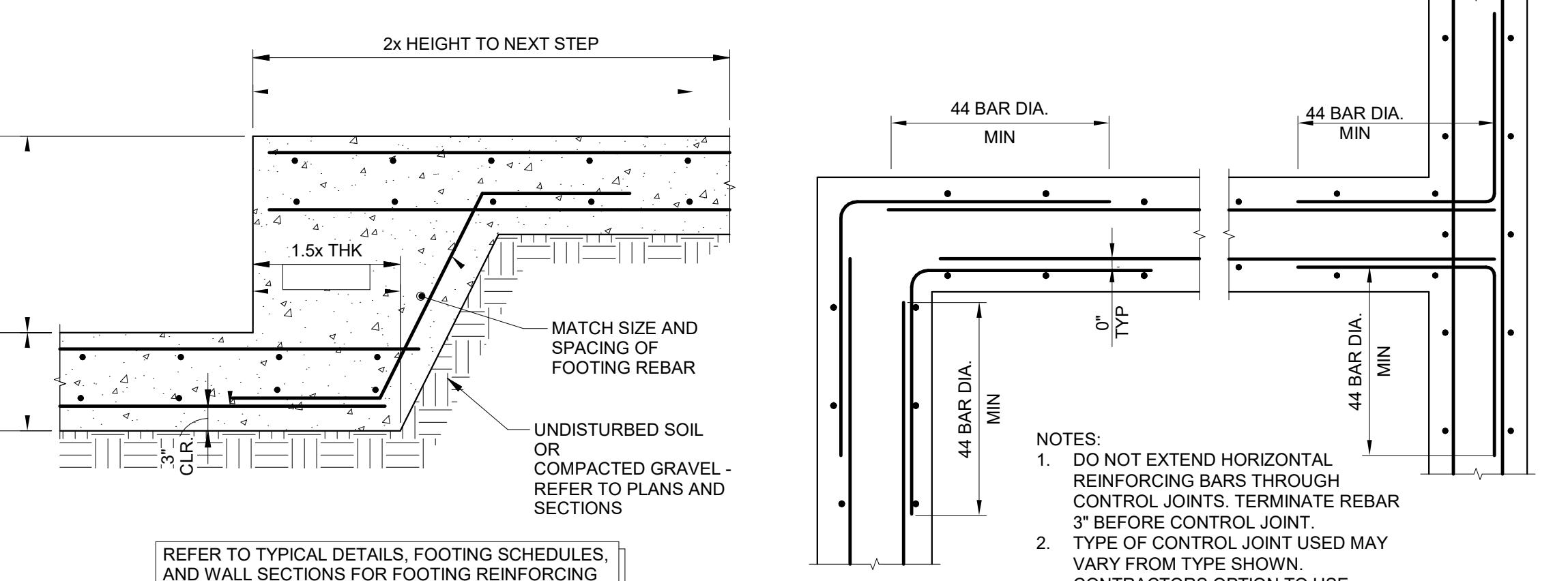
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TRUMPF INC

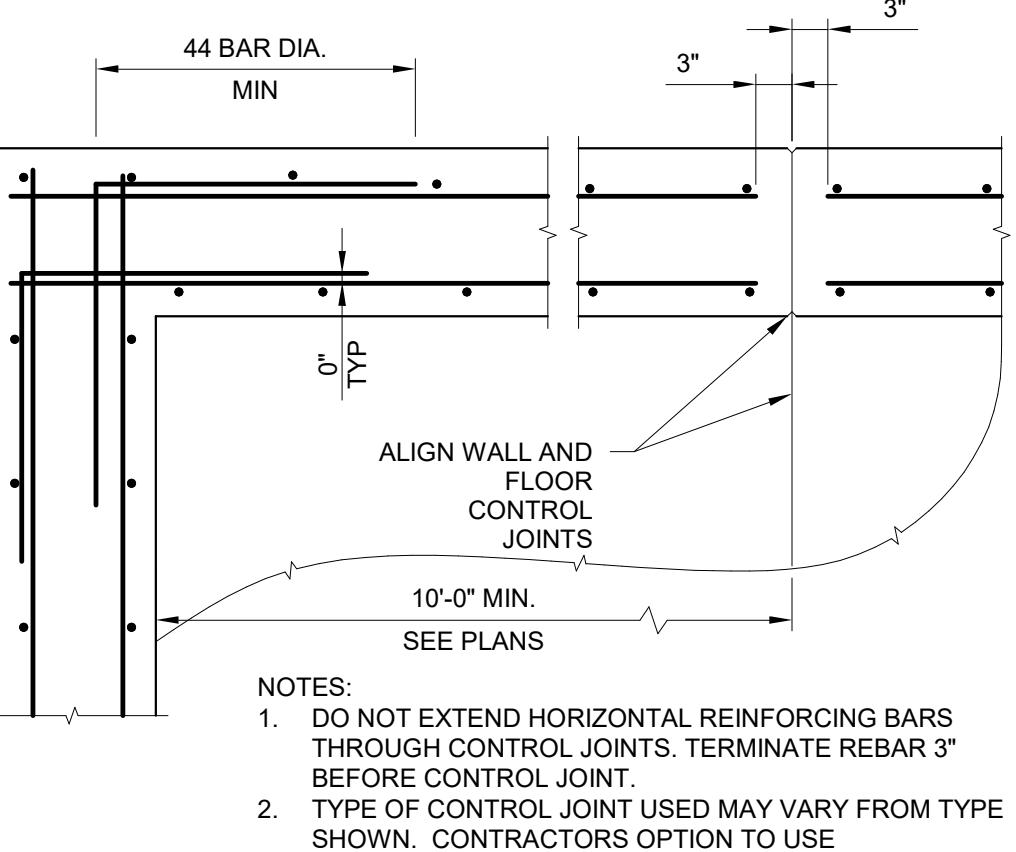
BUILDING-2 2022 ADDITION
1 JOHNSON AVE.
FARMINGTON, CT



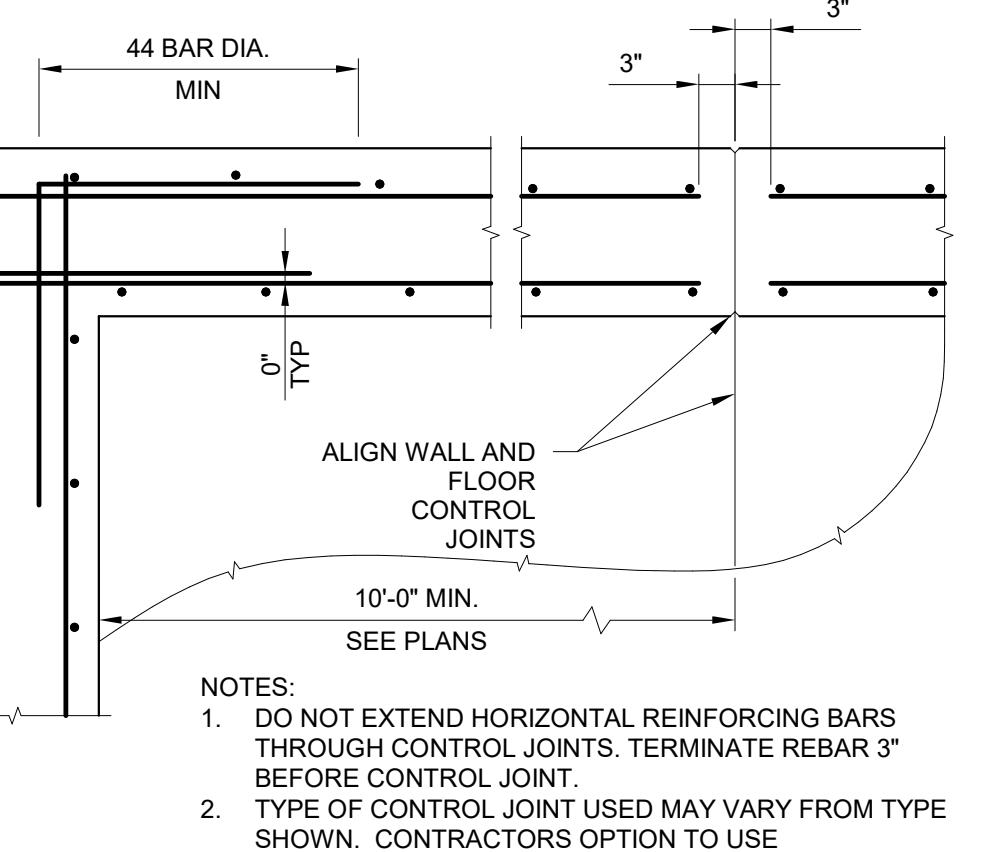
DEPRESSED SLAB DETAIL



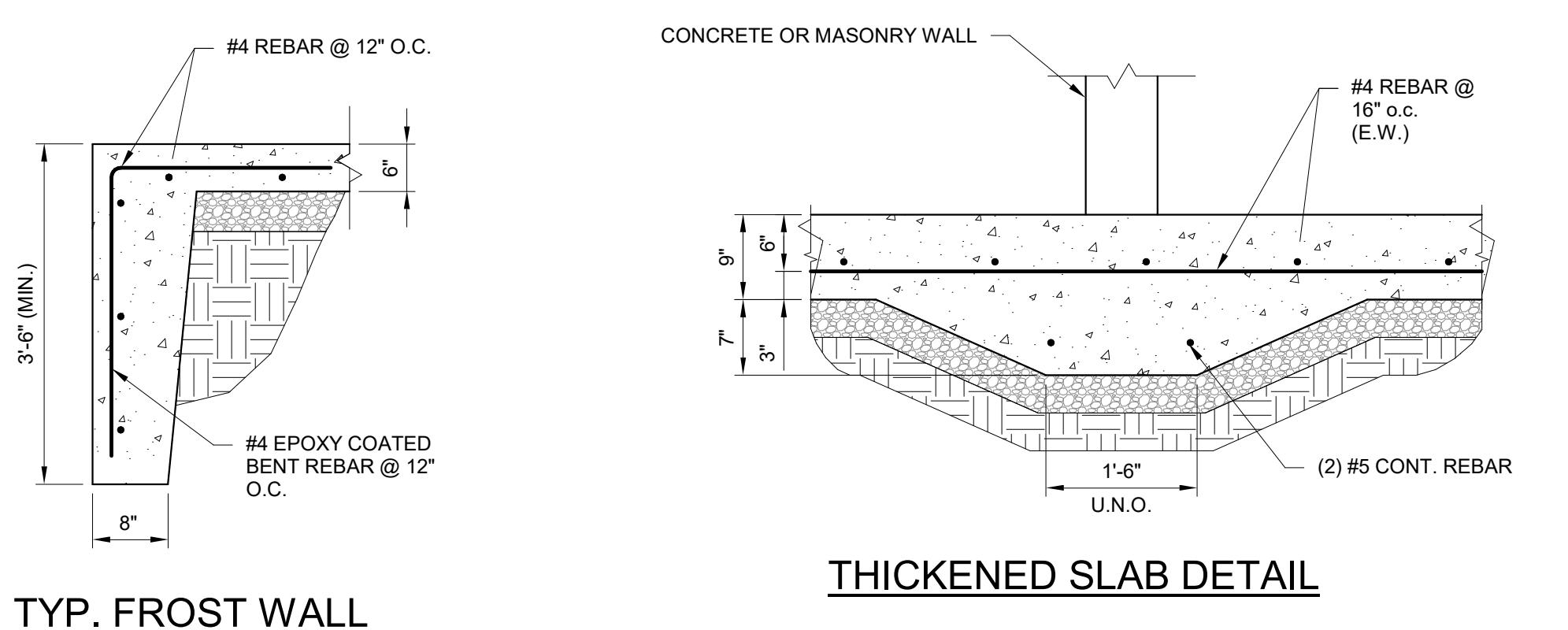
TYPICAL ISOLATION JOINT DETAILS



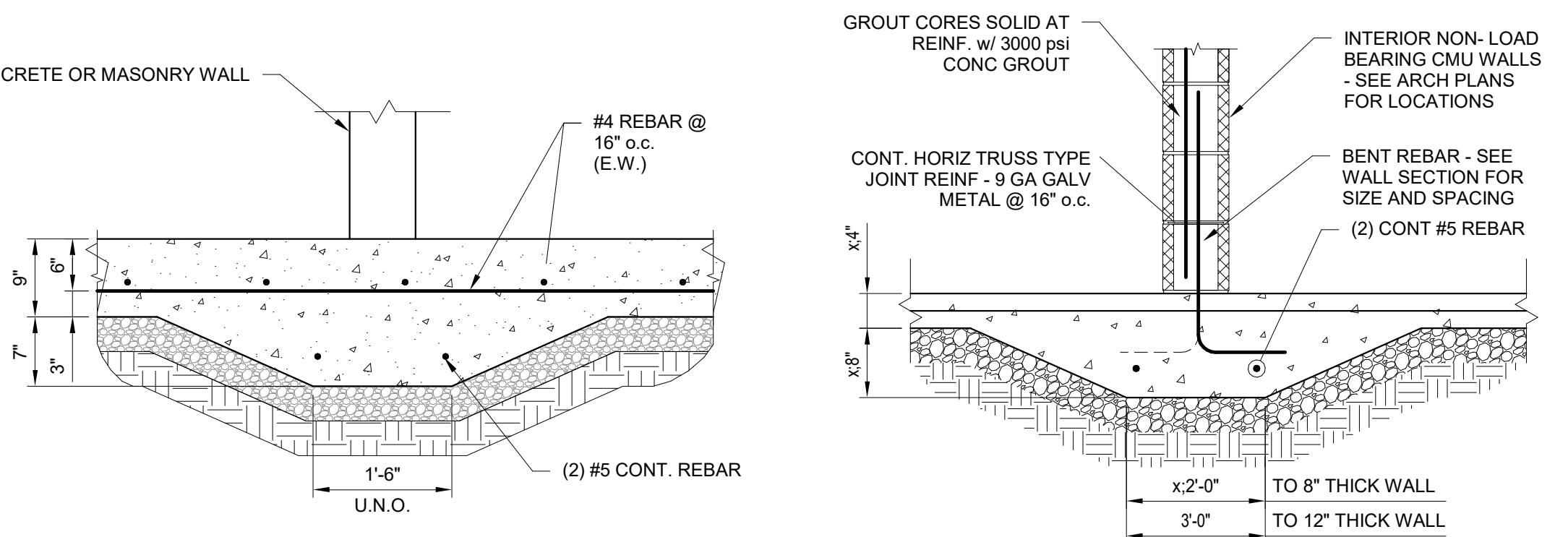
STEPPED FOOTING DETAIL



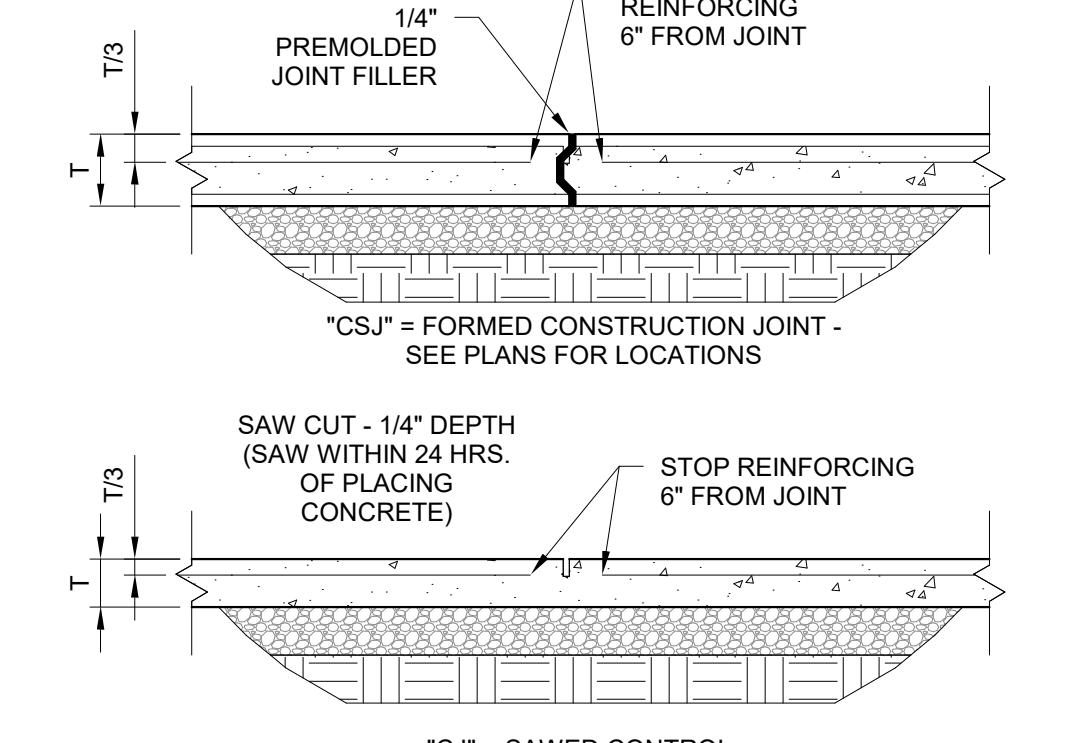
CONCRETE WALL CORNER REINFORCING



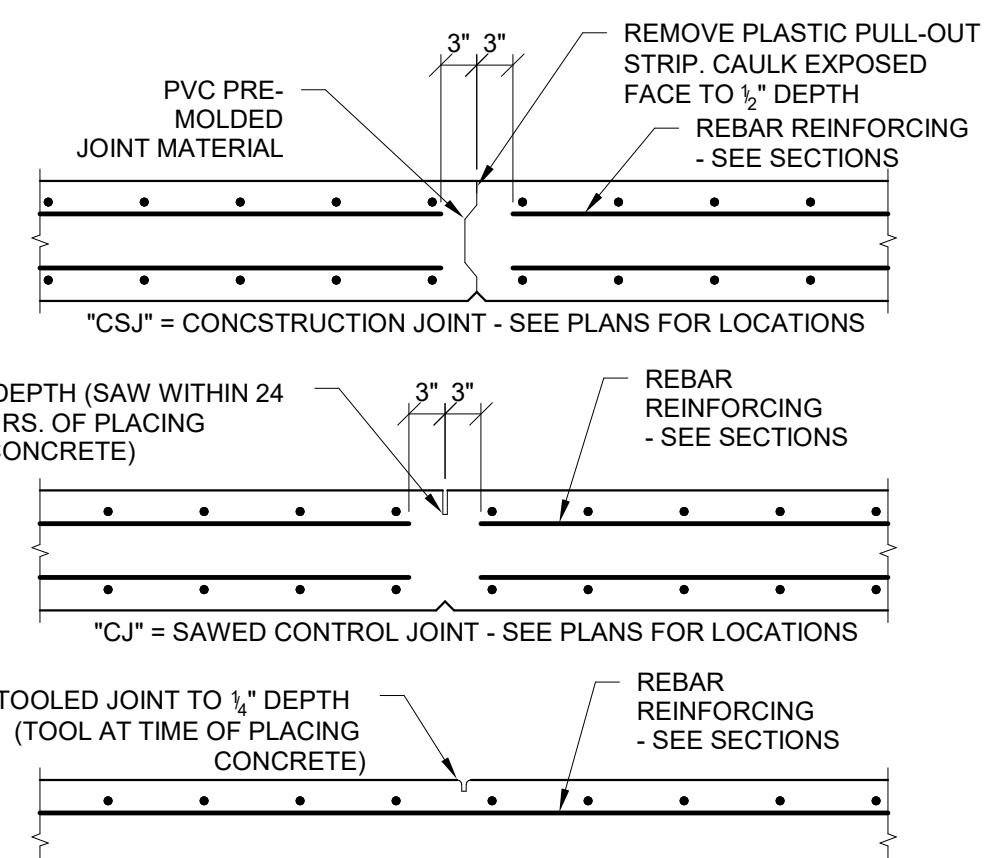
TYP. FROST WALL



THICKENED SLAB DETAIL

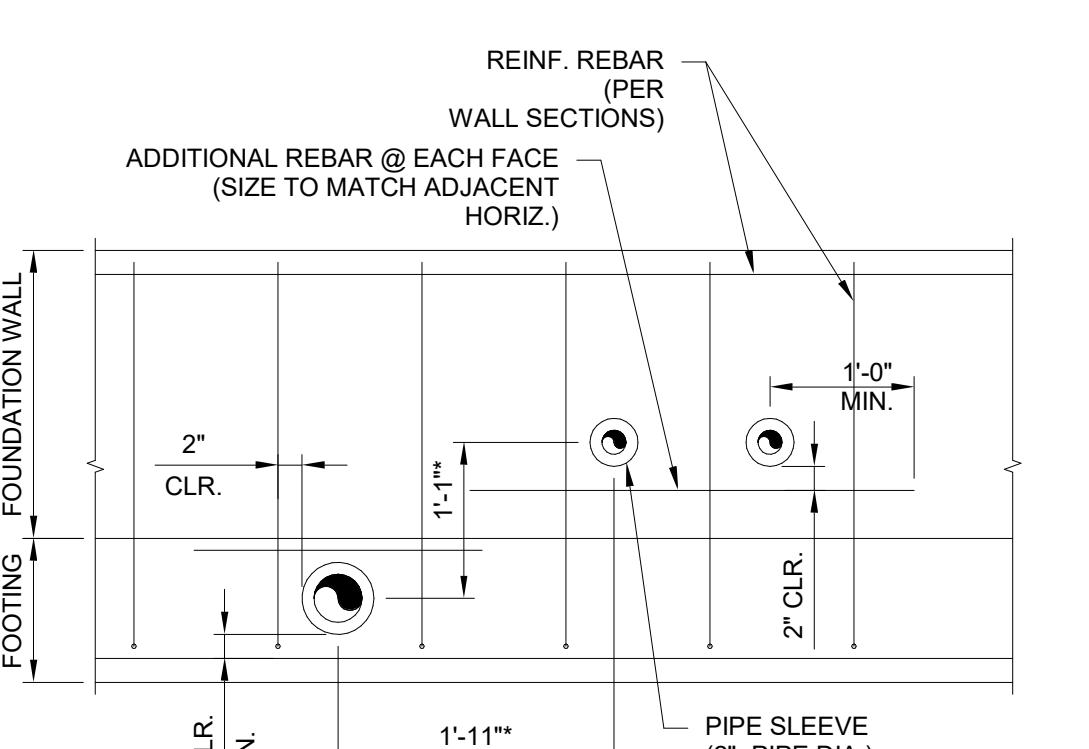


TYPICAL THICKENED SLAB DETAIL



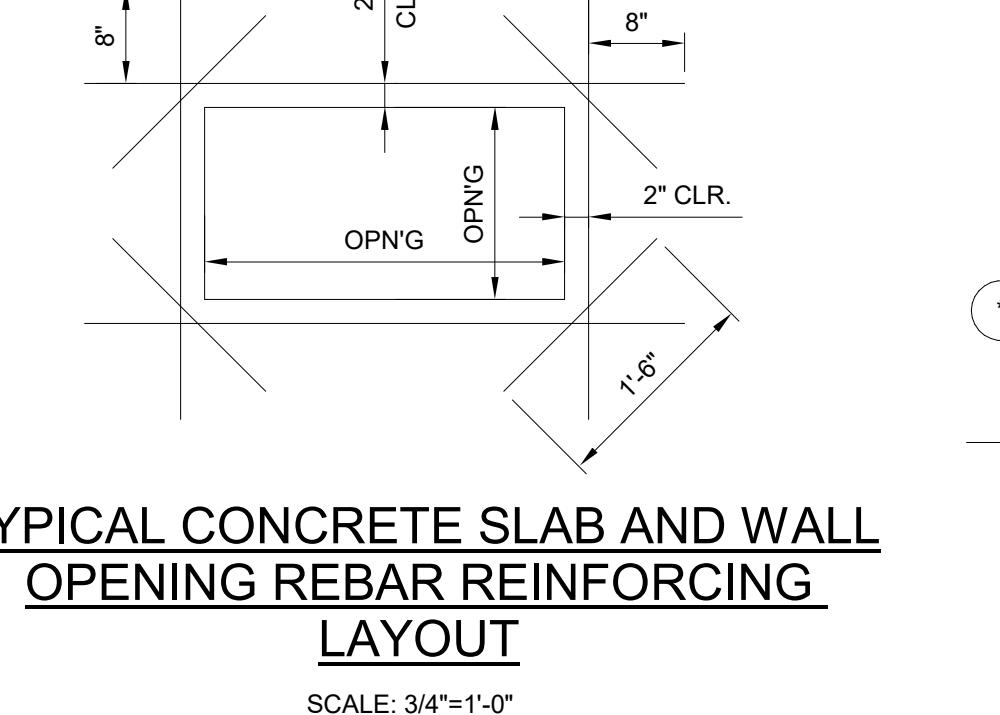
CRACK CONTROL JOINTS

CRACK CONTROL JOINTS



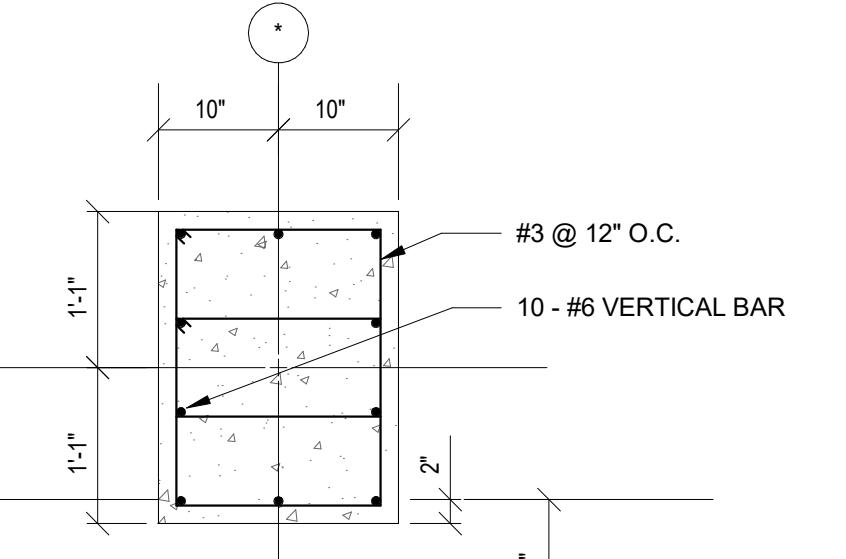
SLEEVE DETAIL

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



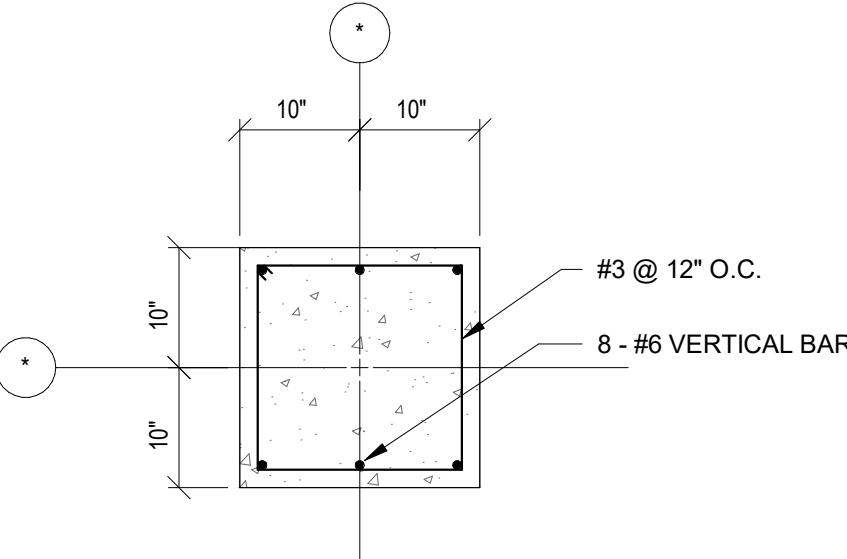
TYPICAL CONCRETE SLAB AND WALL OPENING REBAR REINFORCING LAYOUT

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



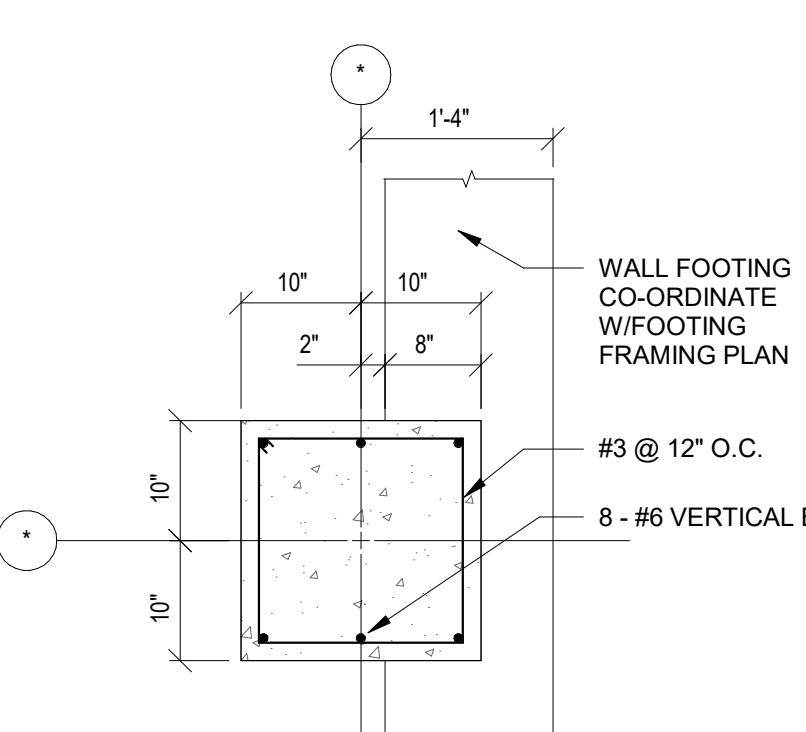
DETAIL: PIER P-1

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



DETAIL: PIER P-2

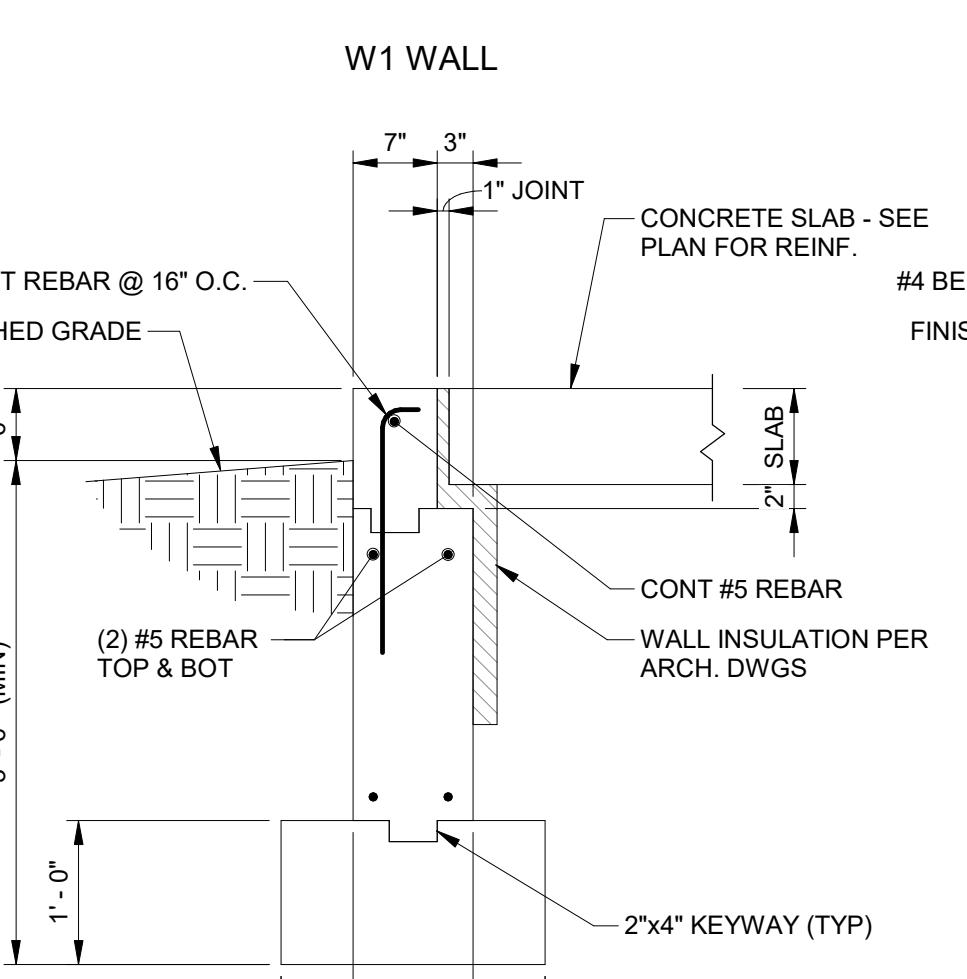
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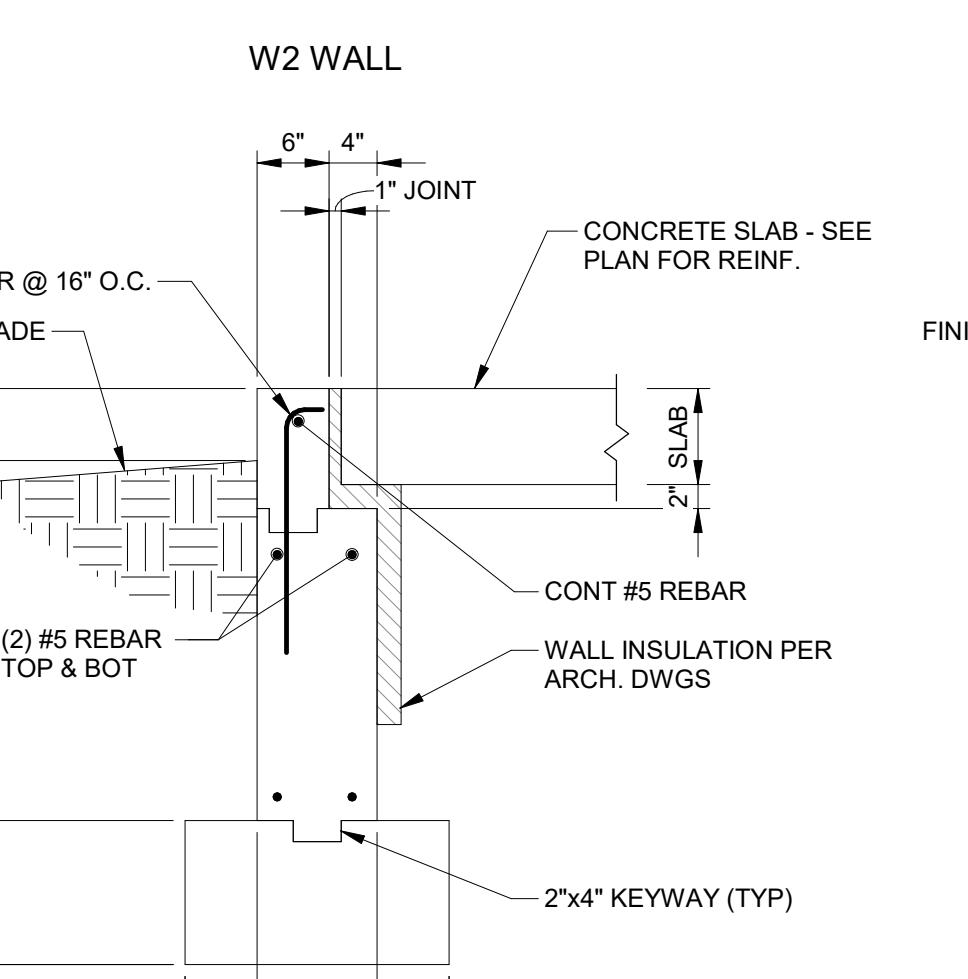
DETAIL: PIER P-3

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

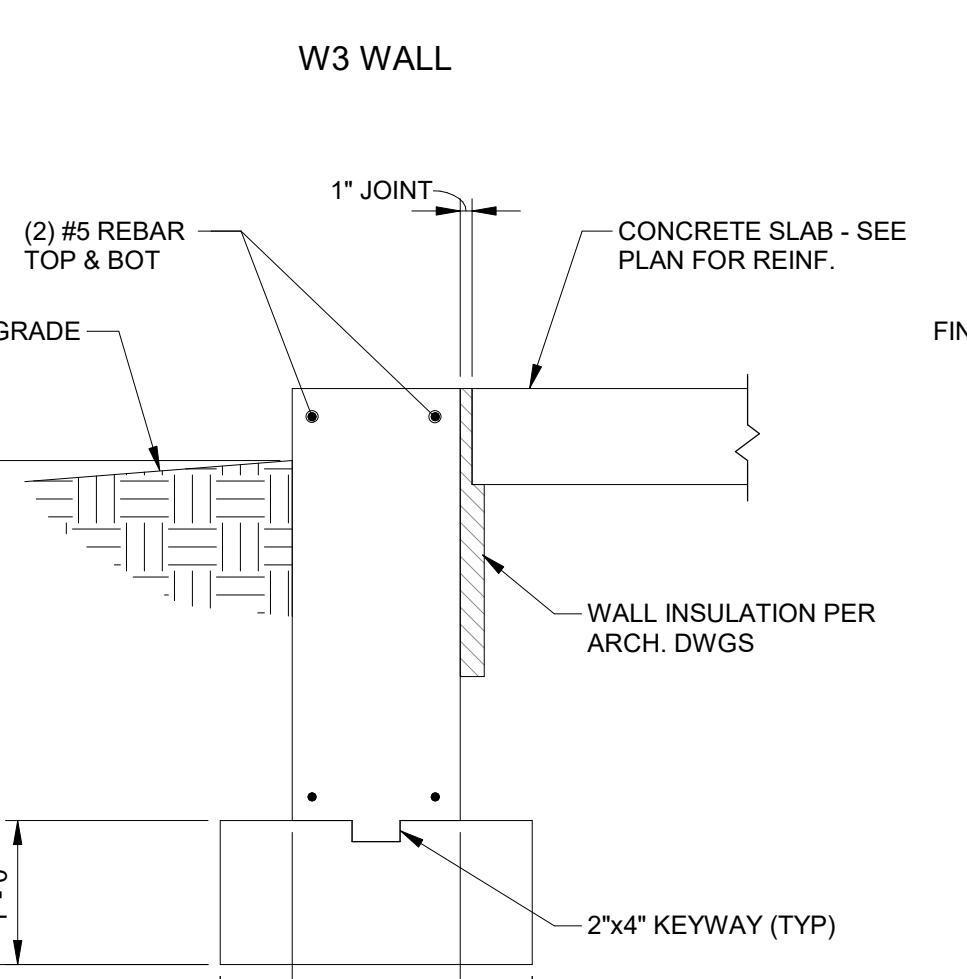
MARK	DIMENSIONS	COLUMN FOOTING SCHEDULE		REMARKS
		LONG REINF.	SHORT REINF.	
F1	8'-0" x 6'-0" x 1'-8"	(8) #7	(8) #7	TOP & BOT
F2	6'-0" x 6'-0" x 1'-6"	(8) #5	(8) #5	TOP & BOT
F3	8'-0" x 6'-0" x 1'-6"	(9) #5	(9) #5	TOP & BOT
F4	5'-6" x 5'-6" x 1'-6"	(8) #5	(8) #5	TOP & BOT
F5	5'-0" x 5'-0" x 1'-6"	(8) #5	(8) #5	TOP & BOT
F6	9'-6" x 6'-0" x 1'-6"	(7) #5	(12) #5	TOP & BOT
F7	9'-6" x 5'-0" x 1'-6"	(7) #5	(12) #5	TOP & BOT
F8	13'-0" x 9'-0" x 1'-10"	(7) #5	(12) #5	TOP & BOT
F9	10'-6" x 6'-0" x 1'-6"	(7) #5	(12) #5	TOP & BOT
F10	9'-6" x 5'-0" x 1'-6"	(7) #5	(12) #5	TOP & BOT
F11	SEE DETAIL	-	-	
F12	SEE DETAIL	-	-	
F13	1'-10" x 1'-0"	-	-	
F14	2'-2" x 1'-0"	-	-	
F15	3'-0" x 1'-0"	(4) #5 CONT.	(5) @ 12" O.C.	SEE DETAIL FOR CMU DOWELS
F16	3'-0" x 3'-0" x 1'-0"	(4) #5	(4) #5	
F17	SEE DETAIL	-	-	
F18	SEE DETAIL	-	-	
F19	SEE DETAIL	-	-	
F20	8'-0" x 3'-6" x 1'-6"	(5) #5	(8) #5	
F21	3'-6" x 8'-0" x 1'-6"	(5) #5	(8) #5	
F22	SEE DETAIL	-	-	
F23	SEE DETAIL	-	-	
F24	10'-0" x 10'-0" x 2'-0"	(10) #7	(10) #7	TOP & BOT



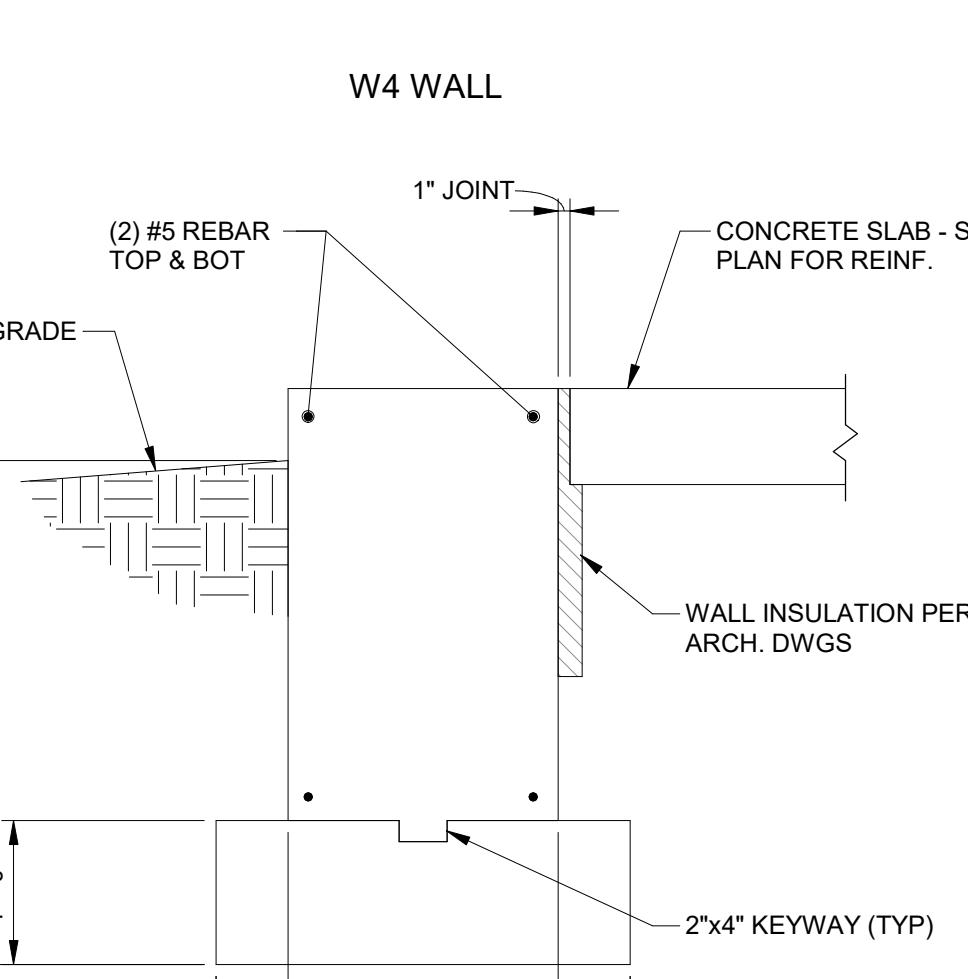
F13 FOOTING



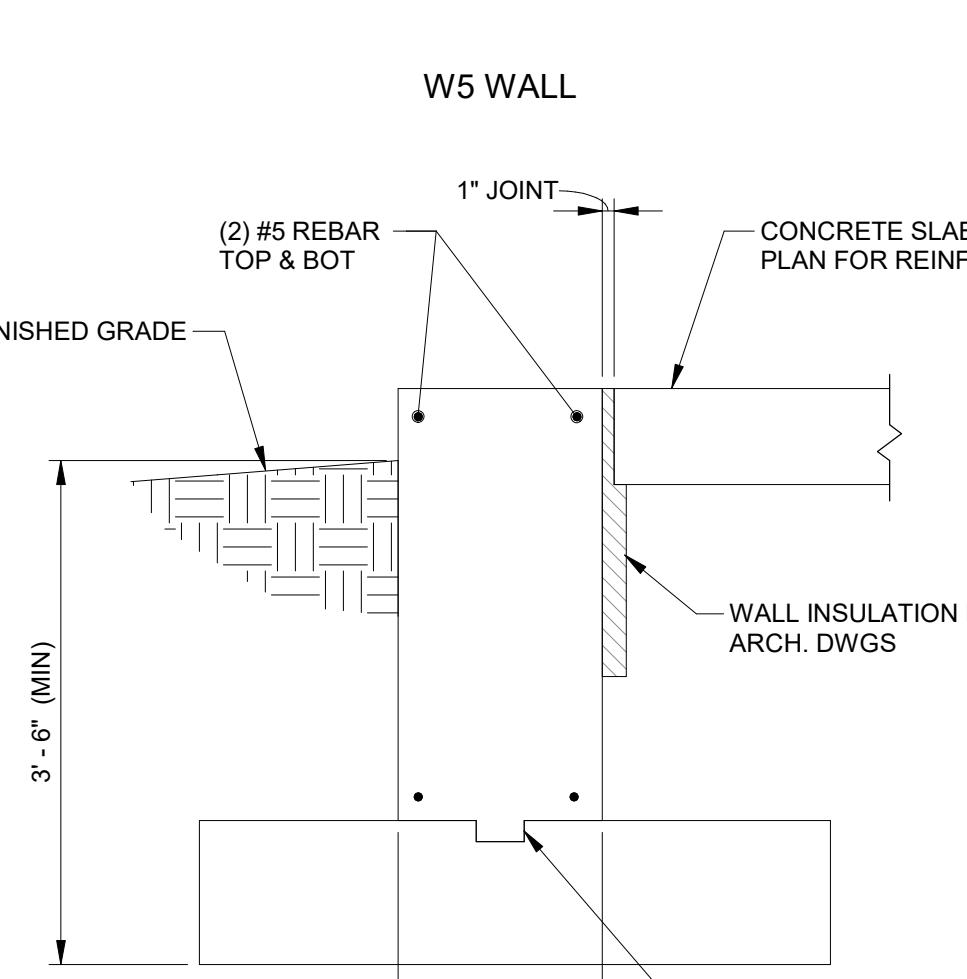
F13 FOOTING



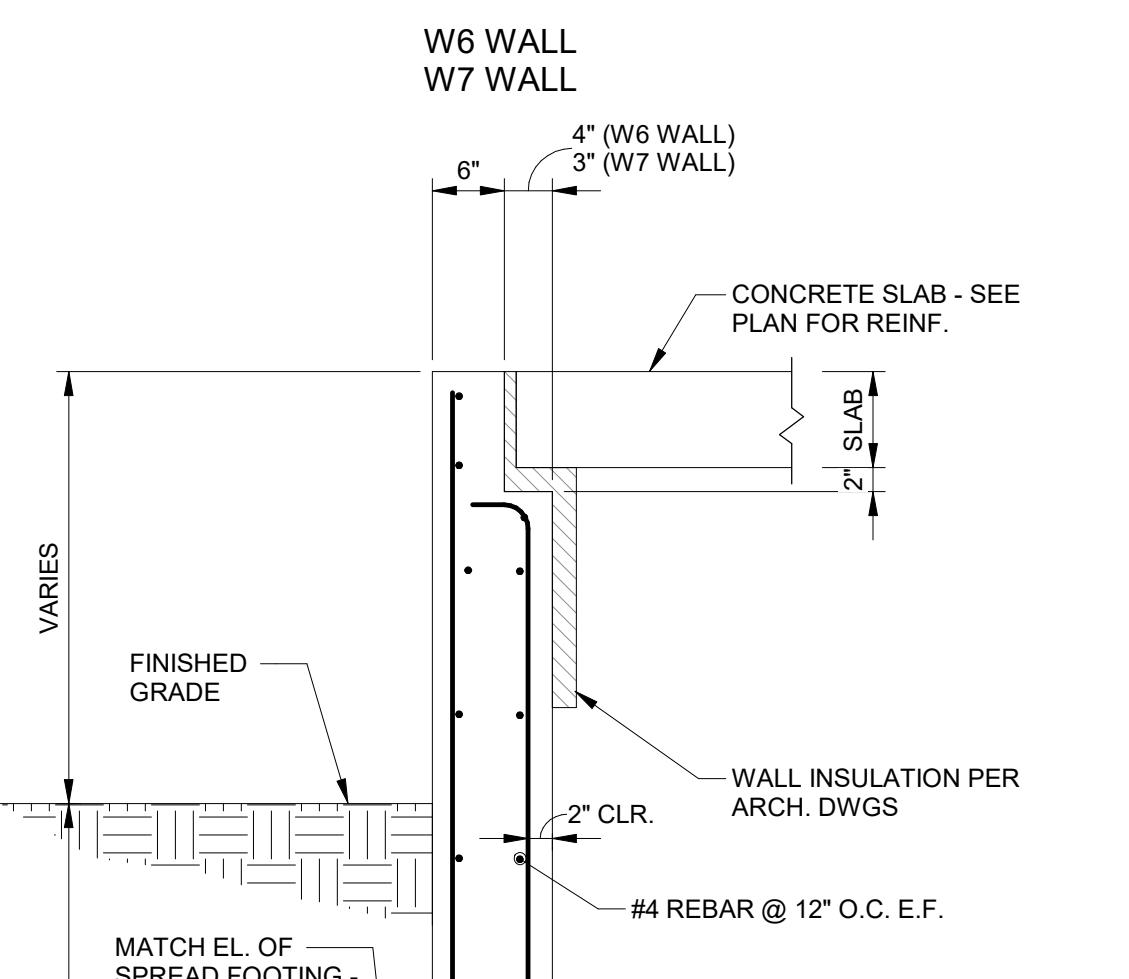
F14 FOOTING



F15 FOOTING



SHARED FOOTING - SEE PLAN



F16 FOOTING

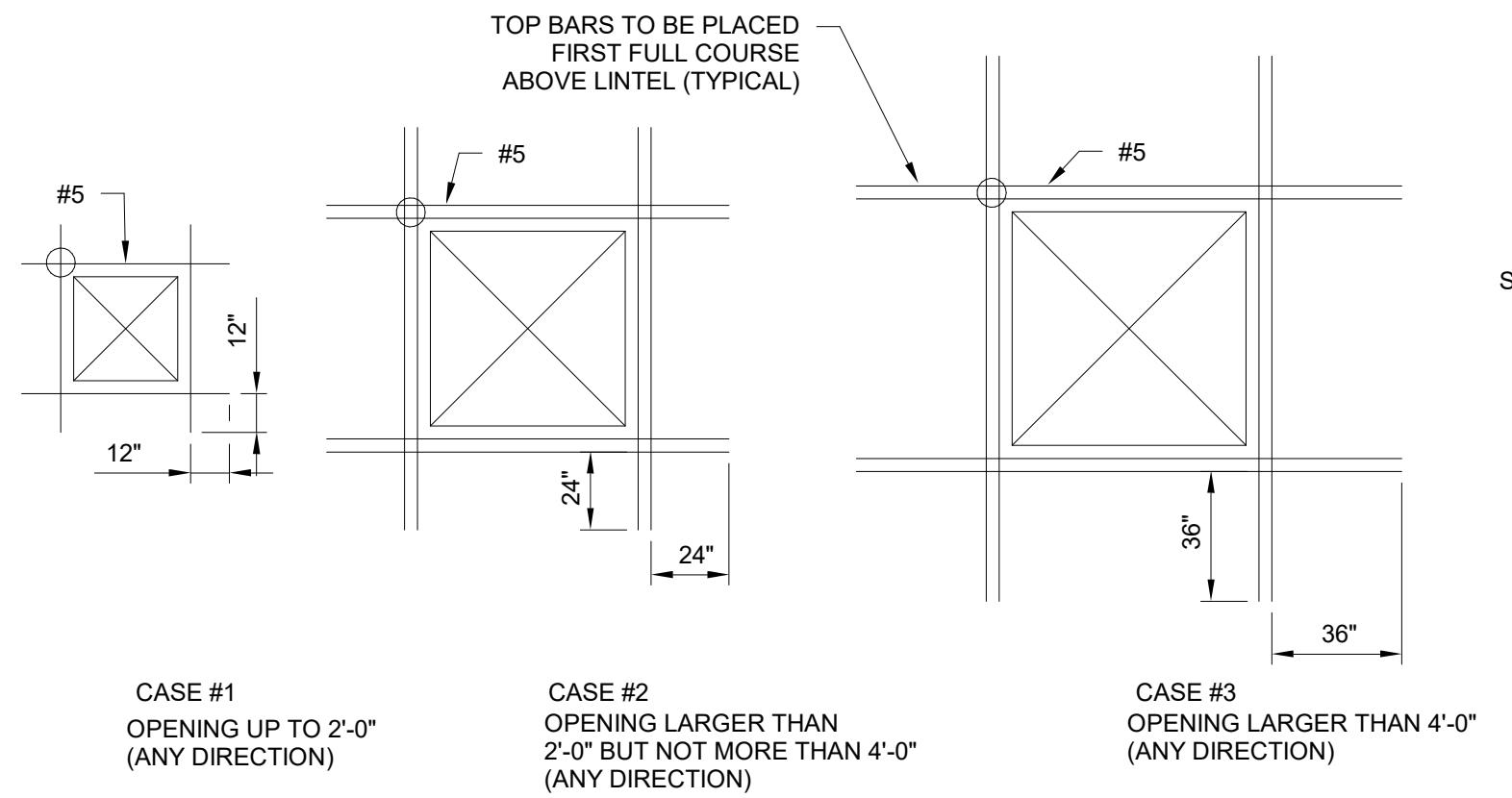
Seals
Issues / Revisions
No. Date Description
06/08/2022 REVIEW PACKAGE
08/08/2022 ISSUED FOR BID
2 11/12/2022 ADDENDUM 3

Drawing Title
TYPICAL FOUNDATION DETAILS

Project Manager: Project No.: 70744.00
Project Architect: Production Leader:
Project Designer: Peer Reviewer:

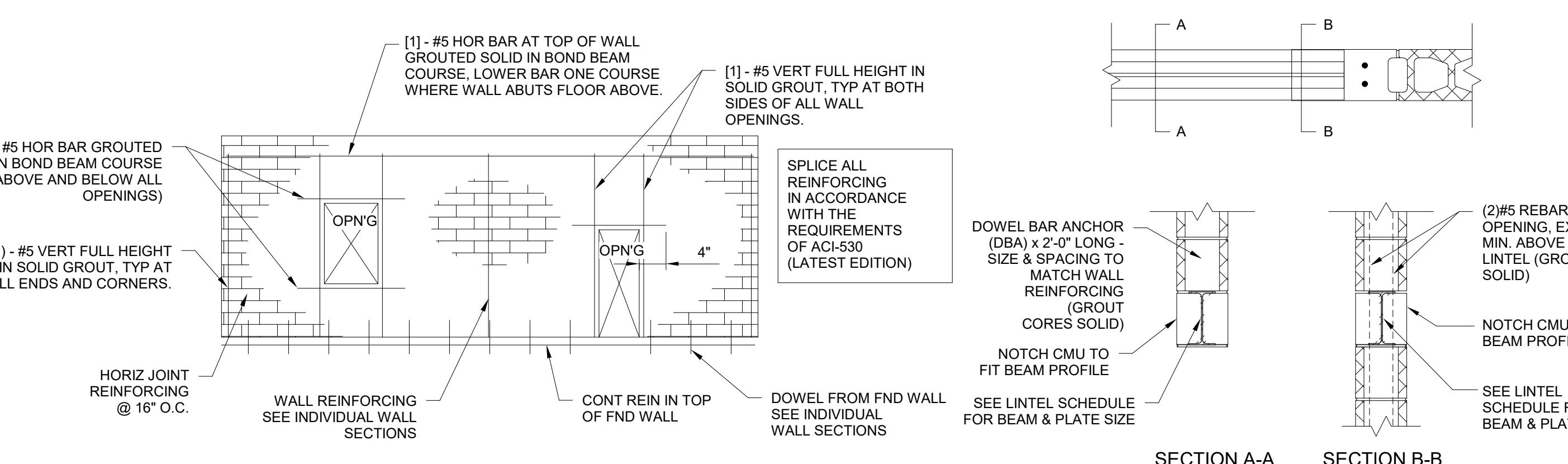
Drawing Number:

S3.01



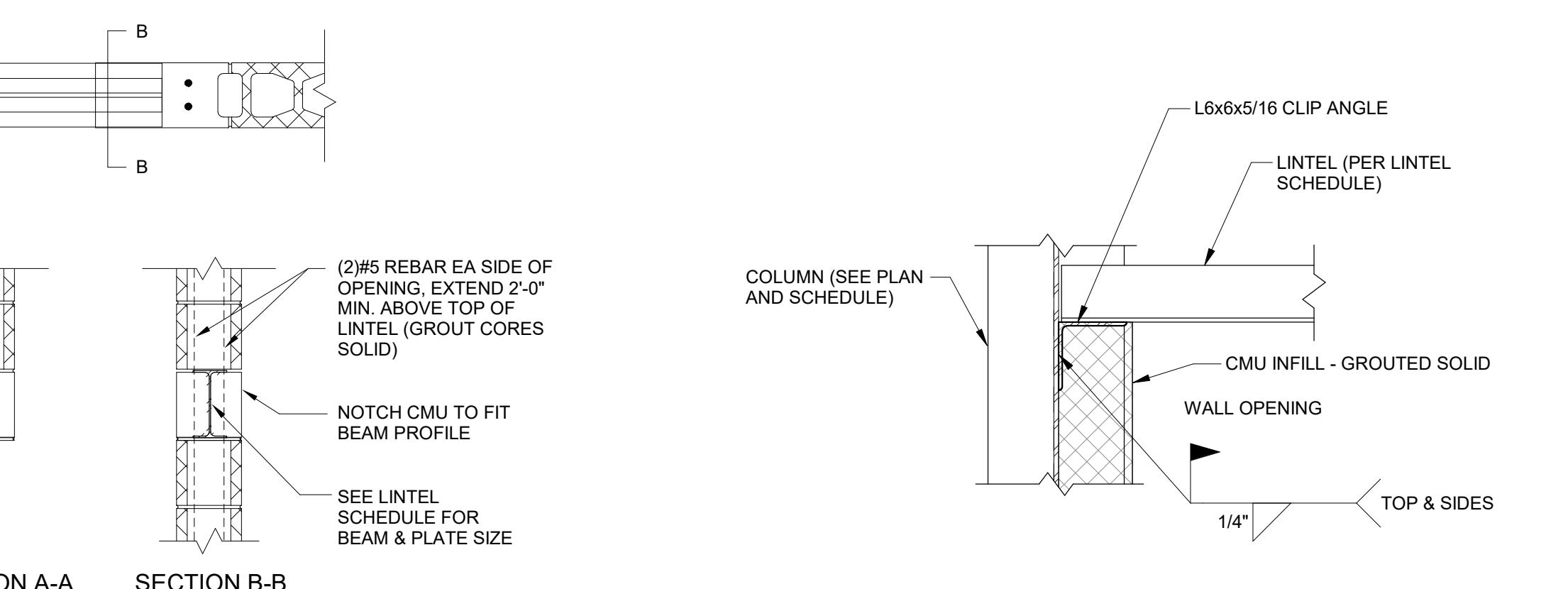
EXTRA REINFORCING AT CMU WALL OPENINGS

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



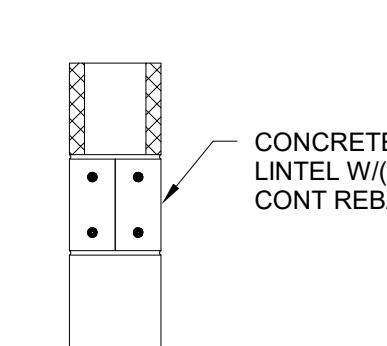
REINFORCING @ MASONRY WALL OPENINGS

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



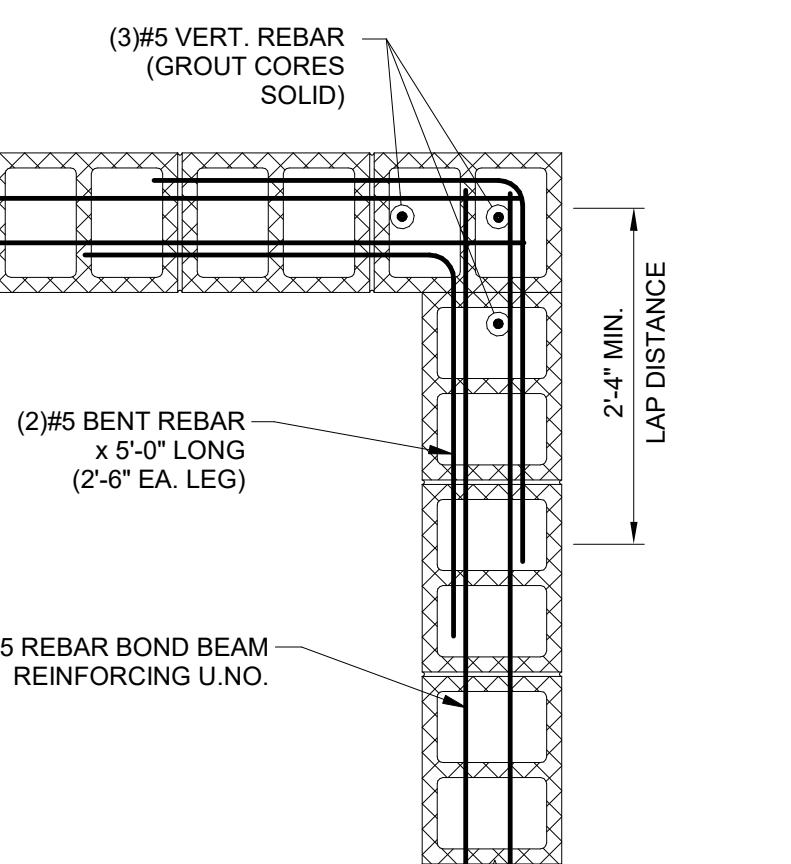
LINTEL CONNECTION AT COLUMN

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



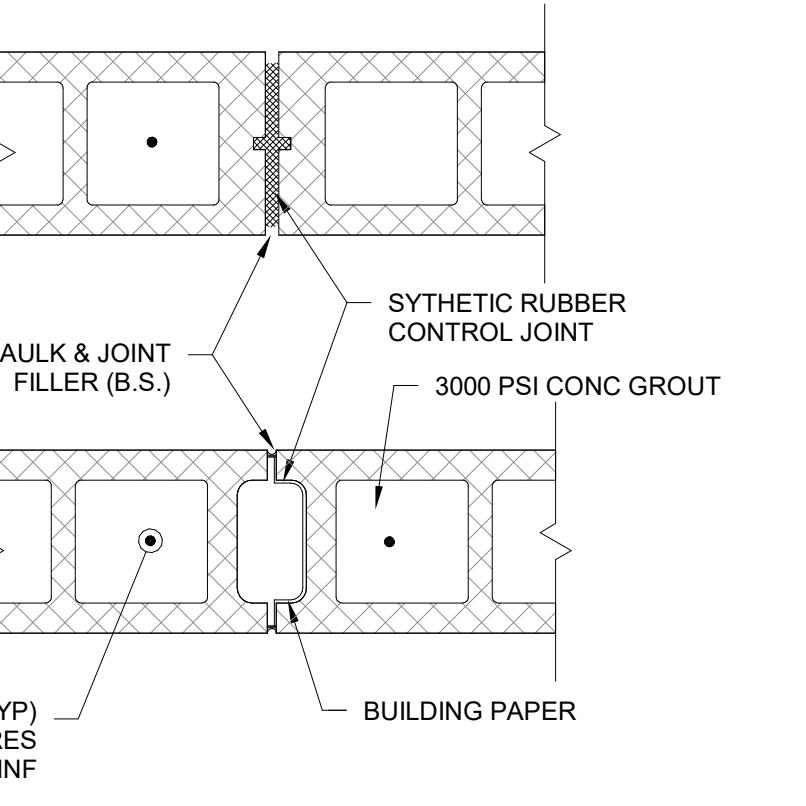
CONCRETE LINTEL DETAIL

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



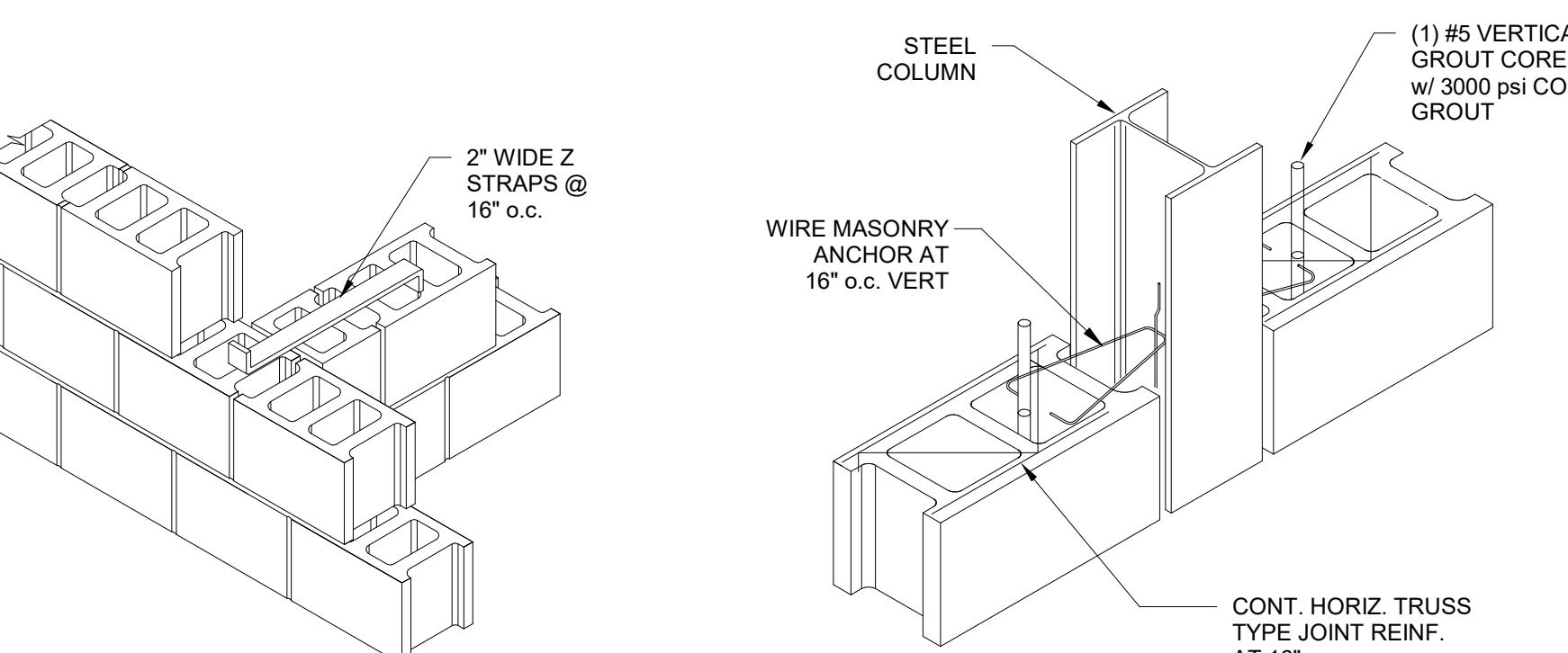
TYPICAL BOND BEAM DETAIL AT CORNER

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



CONTROL JOINTS

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



TYPICAL INTERSECTION OF MASONRY WALLS

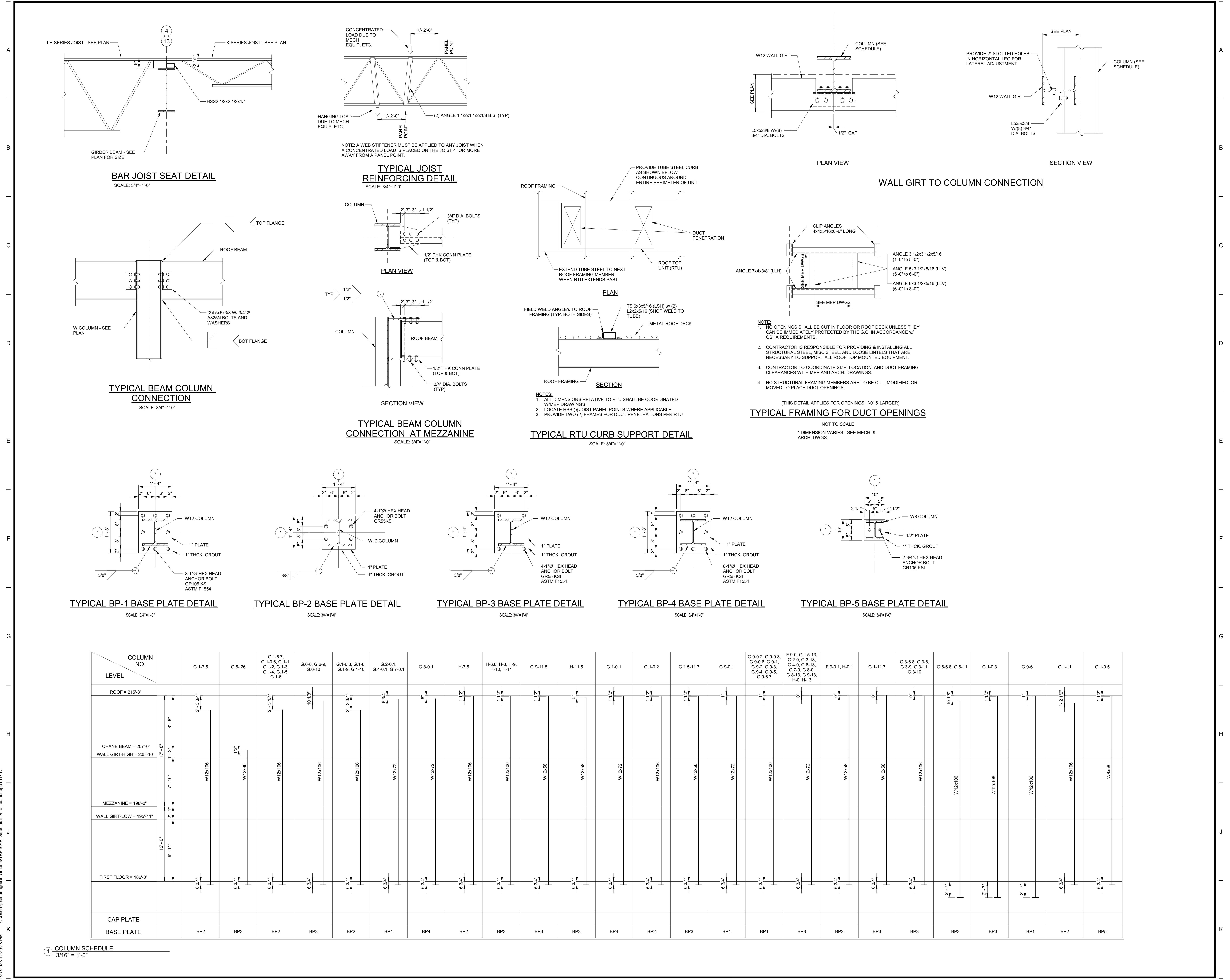
SCALE: 3/4"=1'-0"

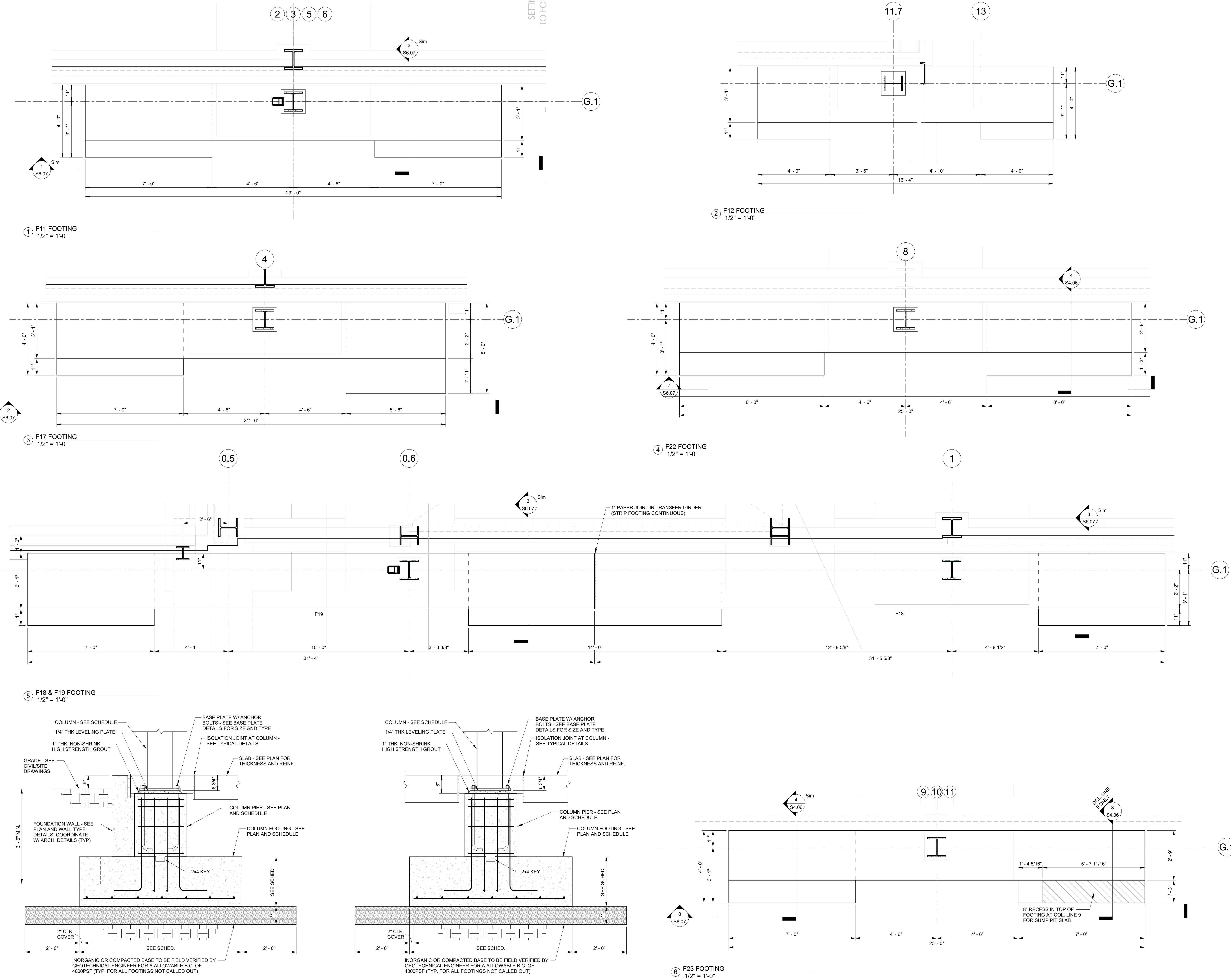
TYPICAL EXPANSION JOINT AT COLUMN

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

WALL THICKNESS	CLEAR SPAN					
	MARK	4'-0" OR LESS	MARK	4'-1" TO 6'-0"	MARK	
4" CMU	L1	ANGLE 3 1/2 x 3 1/2 x 5/16"	L2	ANGLE 4 x 3 1/2 x 5/16" (LLV)	L3	ANGLE 5 x 3 1/2 x 5/16" (LLV)
6" CMU	L5	(2) ANGLE 3 1/2 x 2 1/2 x 3/8" (LLV) -OR- WTTx11	L6	(2) ANGLE 3 1/2 x 2 1/2 x 3/8" (LLV) -OR- WTTx11	L7	(2) ANGLE 3 1/2 x 2 1/2 x 3/8" (LLV) -OR- WTTx11
8" CMU	L9	(2) ANGLE 3 1/2 x 3 1/2 x 5/16" -OR- WTTx15	L10	(2) ANGLE 3 1/2 x 3 1/2 x 5/16" -OR- WTTx15	L11	(2) ANGLE 5 x 3 1/2 x 5/16" (LLV) -OR- WTTx15
10" CMU	L13	W8x18 w/ 1/4" x 0"-9" PLATE	L14	W8x18 w/ 1/4" x 0"-9" PLATE	L15	W8x18 w/ 1/4" x 0"-9" PLATE
12" CMU	L7	(3) ANGLE 4 x 3 1/2 x 3/8" (LLV) -OR- W8x18 w/ 1/4" x 0"-11" PLATE	L18	(3) ANGLE 4 x 3 1/2 x 3/8" (LLV) -OR- W8x18 w/ 1/4" x 0"-11" PLATE	L19	(3) ANGLE 5 x 3 1/2 x 5/16" (LLV) -OR- W8x18 w/ 1/4" x 0"-11" PLATE
					L20	W8x24 w/ 1/4" x 0"-11" PLATE

GENERAL CONTRACTOR TO INSTALL STEEL LINTELS ABOVE ALL MASONRY WALL PENETRATIONS. LINTELS SHALL BE INSTALLED AS FOLLOWS UNLESS NOTED OTHERWISE:
1. METAL FRAMING WITHIN MASONRY WALLS.
2. ALL OPENINGS IN MASONRY WALLS (WINDOWS, OVERHEAD TYPE DOORS, LOUVER, VENTS, ETC. IN MASONRY WALLS).
3. ABOVE ALL NEW DUCTWORK PASSING THROUGH MASONRY WALLS.
4. ABOVE ALL BUILT-IN ITEMS SUCH AS CABINET HEATERS, CONVECTORS, LOUVERS, ACCESS PANELS, BRICK GRILLES, WINDOWS, ETC.).
5. AT LOCATIONS NOTED ON PLANS AND IN WALL SECTION, SIZED PER ABOVE SCHEDULE WITH LENGTH DETERMINED BY OPENING WIDTH PLUS 8" EACH END.
6. ALL LOOSE LINTELS WITHIN 1'-0" OF STEEL COLUMNS ARE TO BE ATTACHED TO COLUMN WITH CLIP ANGLES.





COLUMN FOOTING AT EXTERIOR

COLUMN FOOTING AT INTERIOR



Alfred Benesch & Company
120 Hebron Avenue, Floor 2
Glastonbury, CT 06033
860.633.8341

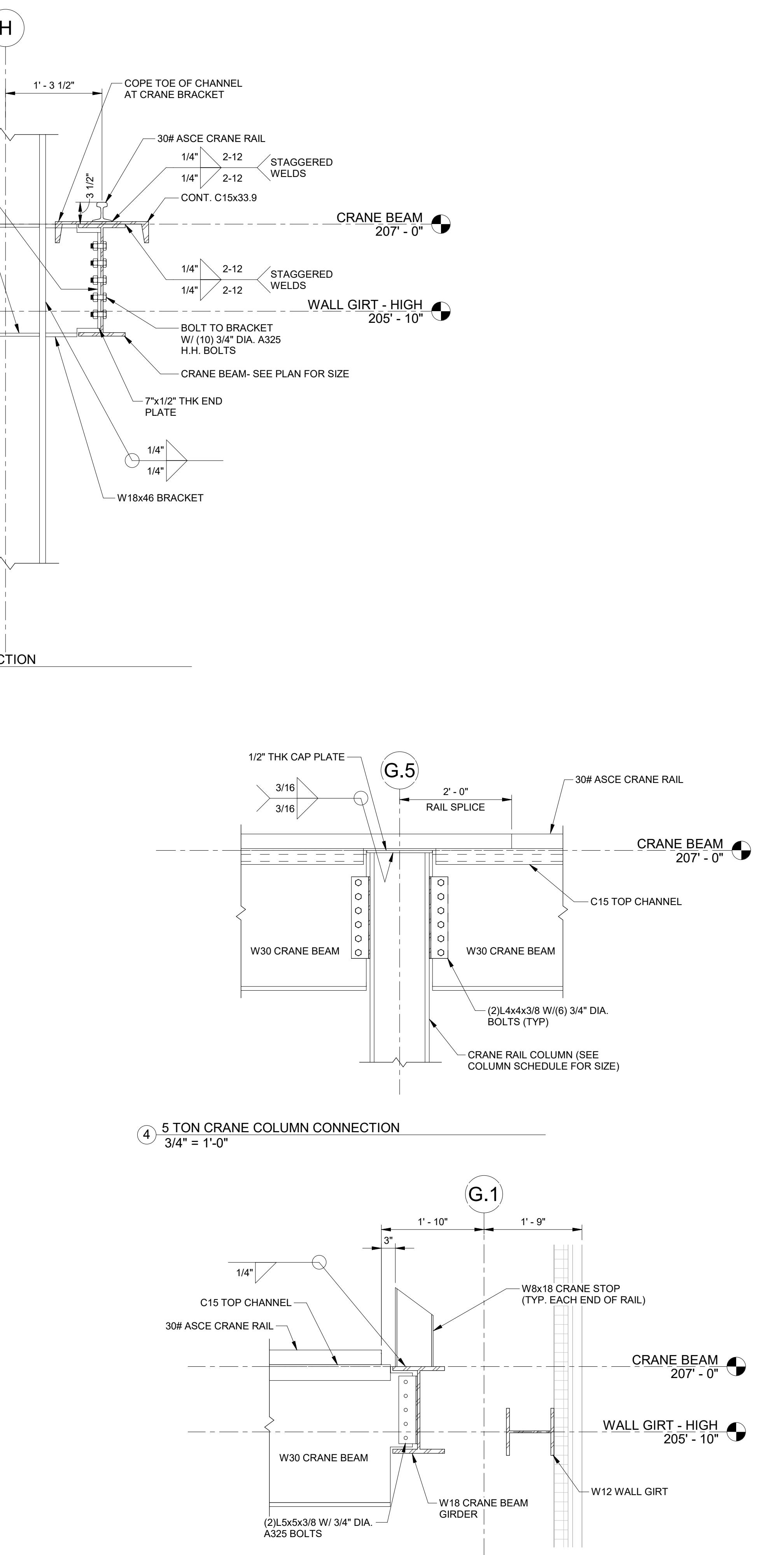
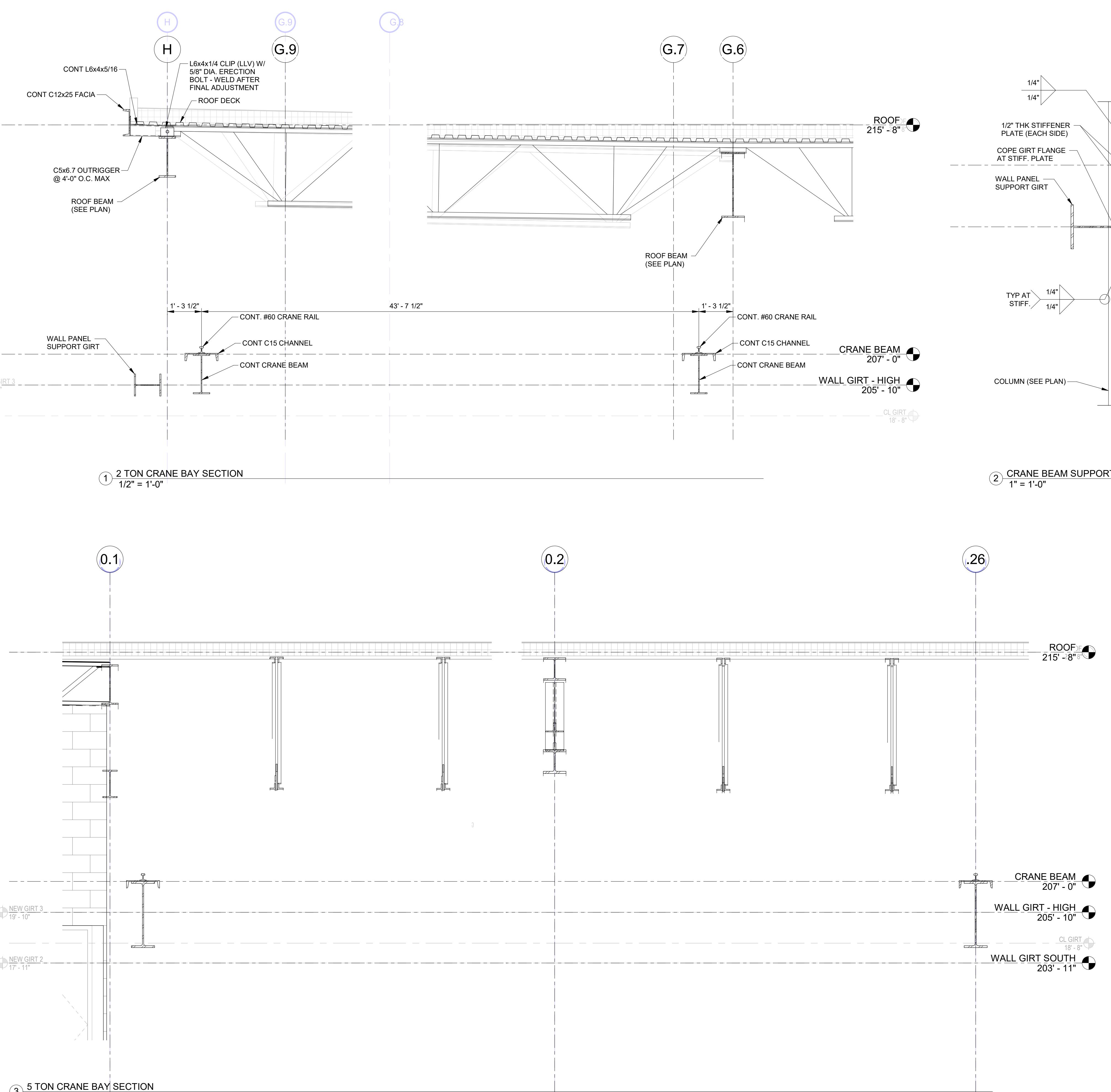
t/ Contractor

111 HYDE ROAD
FARMINGTON, CT

ct

TRUMPF INC

BUILDING-2 2022 ADDITION



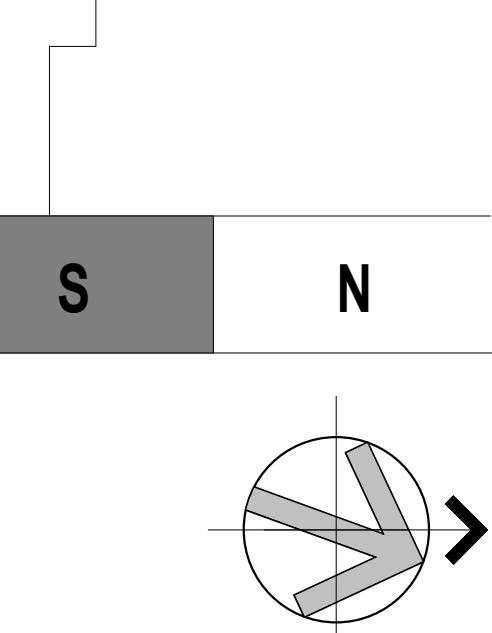
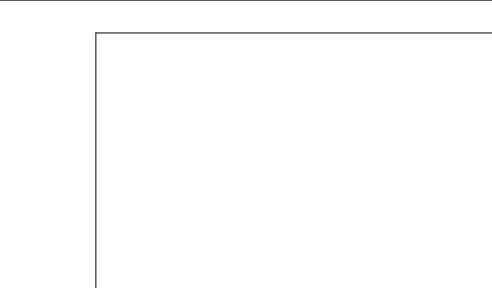
ISSUED FOR BID

Notes / Revisions	
Date	Description
06/08/2022	REVIEW PACKAGE
08/03/2022	ISSUED FOR BID
08/03/2022	APPENDIX A

ing Title

CRANE RAIL DETAILS AND SECTIONS

Project Manager:	Project No: 70744.00
Project Architect:	Production Leader:
Project Designer:	Peer Reviewer:
Ring Number	



ISSUED FOR BID

No.	Date	Description
06/03/2022		REVIEW PACKAGE
06/03/2022		ISSUED FOR BID

No.	Date	Description
01/20/2023		ADDENDUM #2

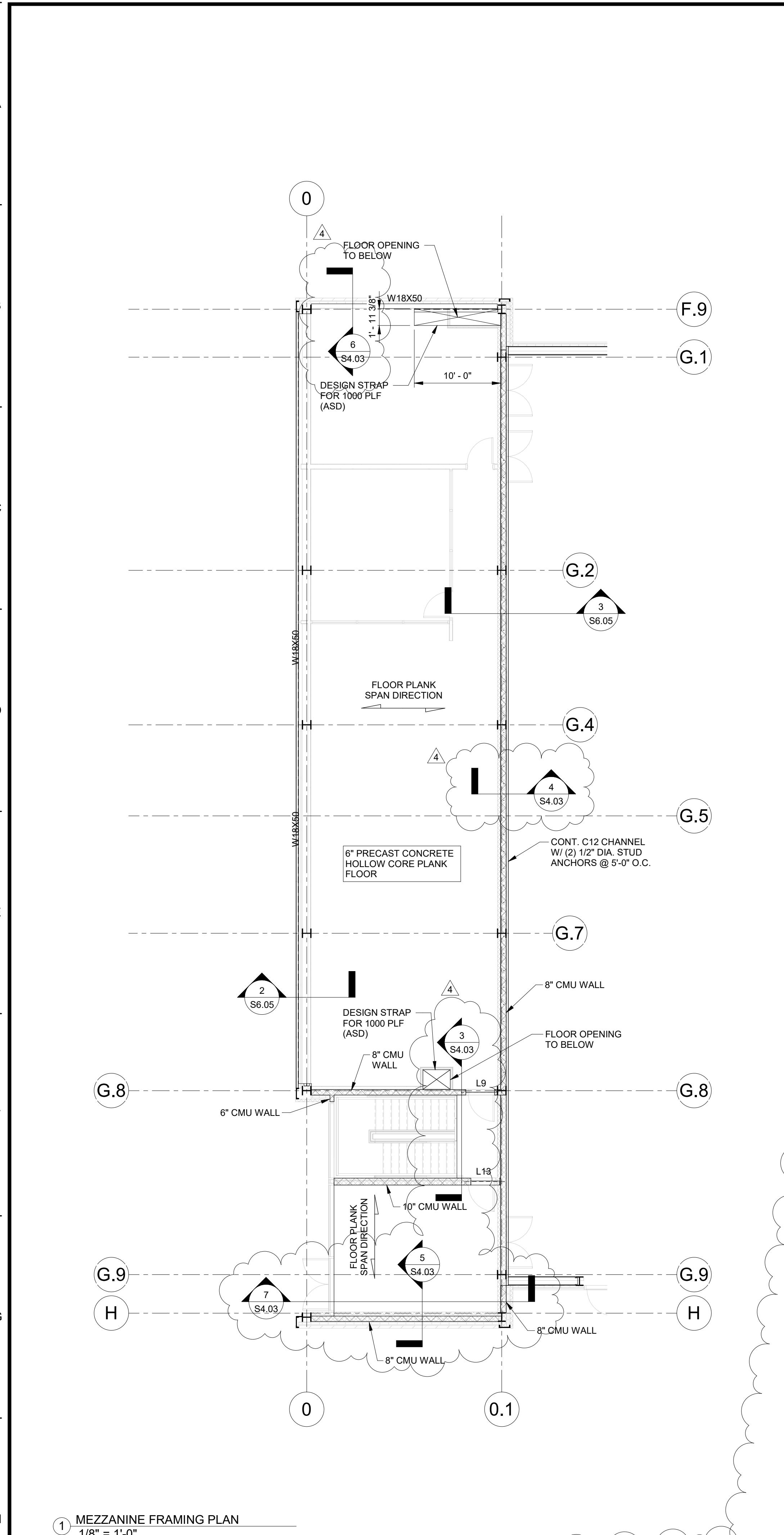
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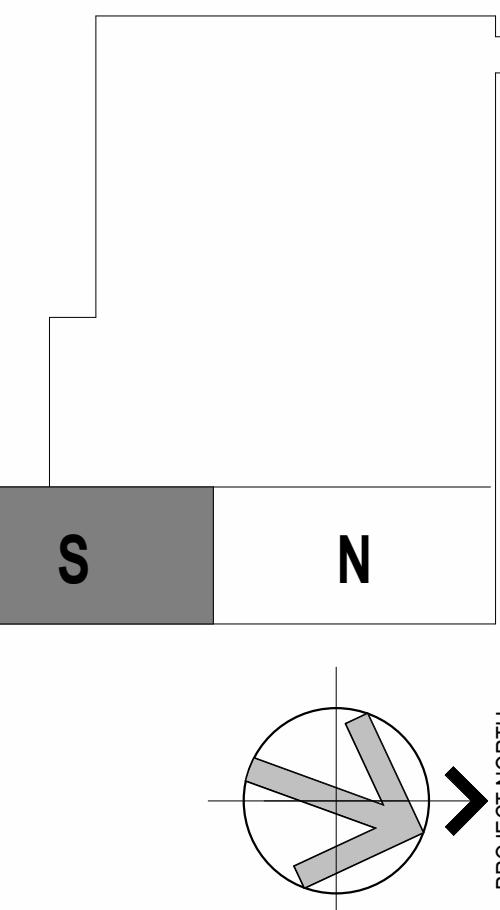
MEZZANINE FRAMING PLAN

Project Manager:	Project No.:
Project Architect:	Production Leader:
Project Designer:	Peer Reviewer:

Drawing Number

S4.03





Seals

ISSUED FOR BID

Issues / Revisions	
No.	Date
06/06/2022	RELEASE PACKAGE
08/22/2022	ISSUED FOR BID
1	ADDENDUM A
2	11/12/2022 ADDENDUM 3
4	01/20/2023 ADDENDUM 6
7	10/18/2023 PR-003

Drawing Title
**TANK PAD PLAN
AND DETAILS**

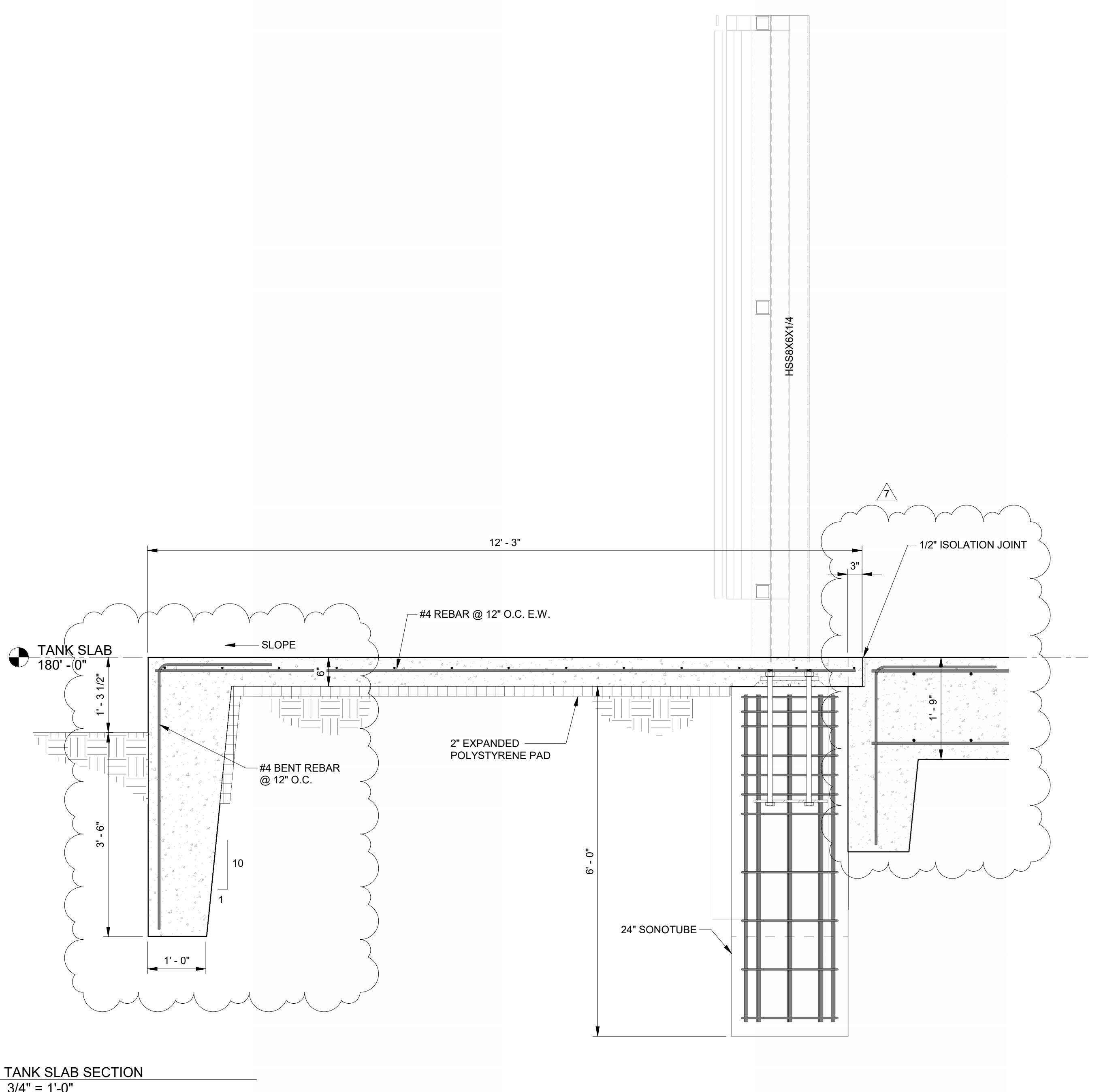
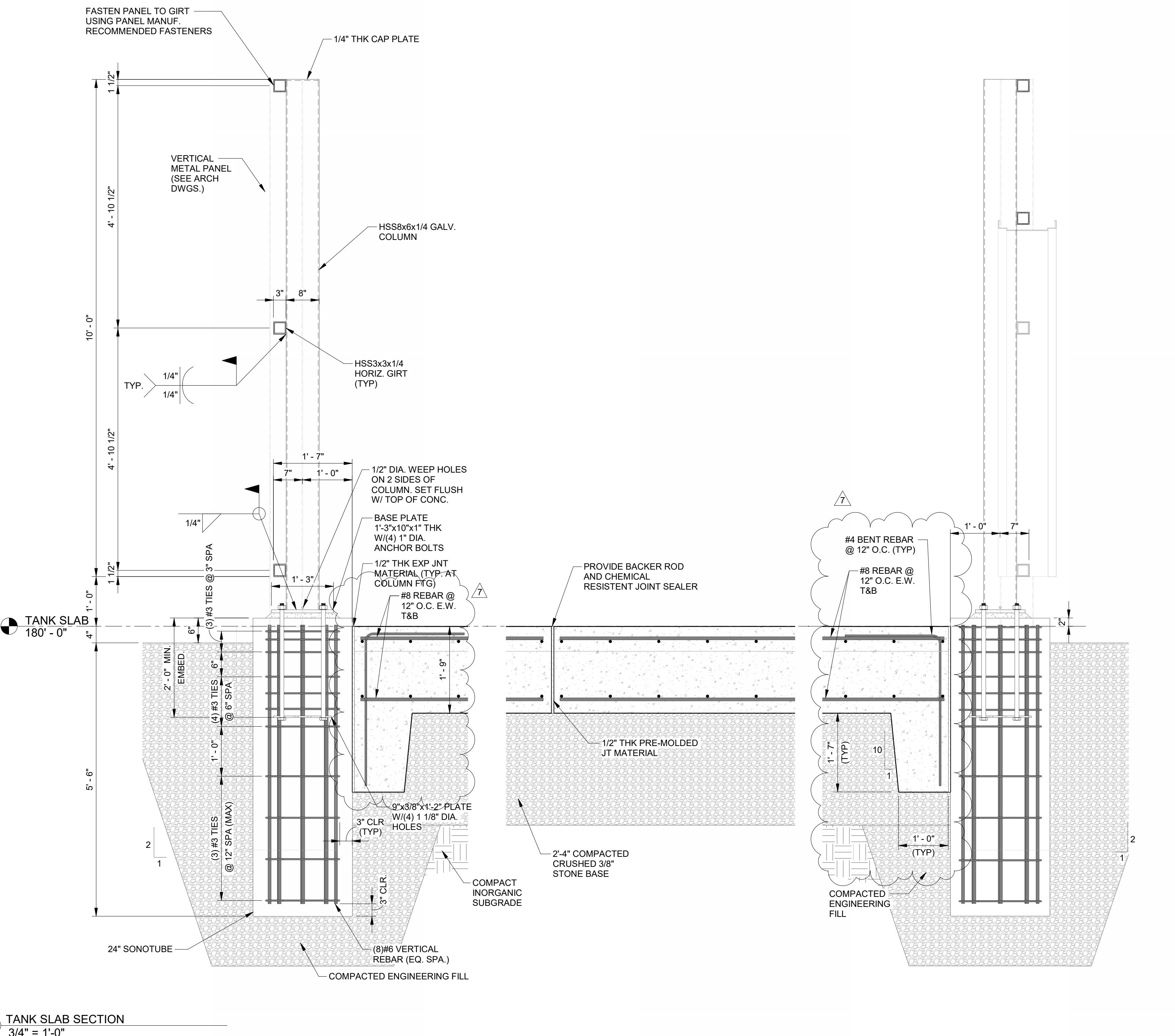
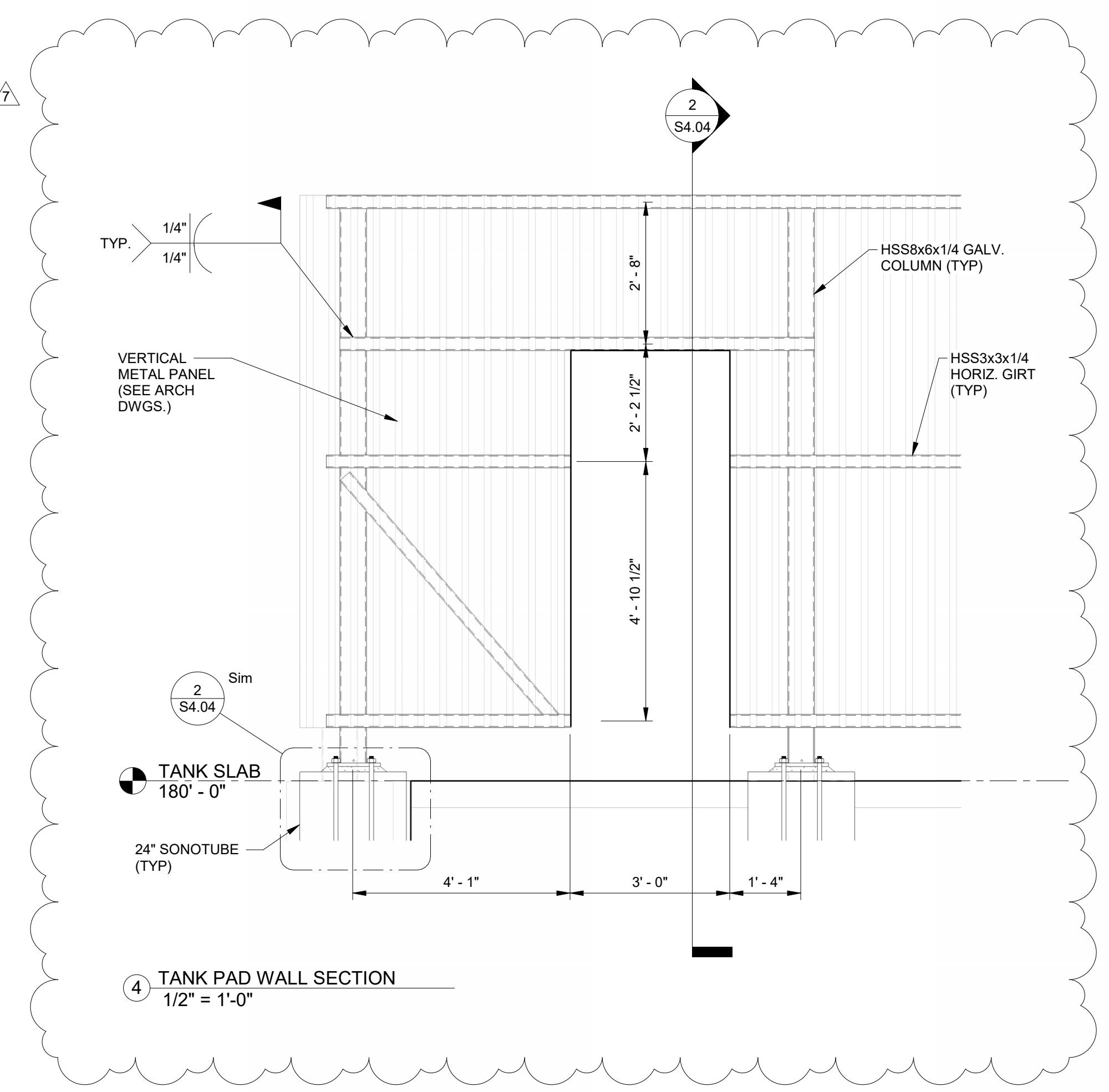
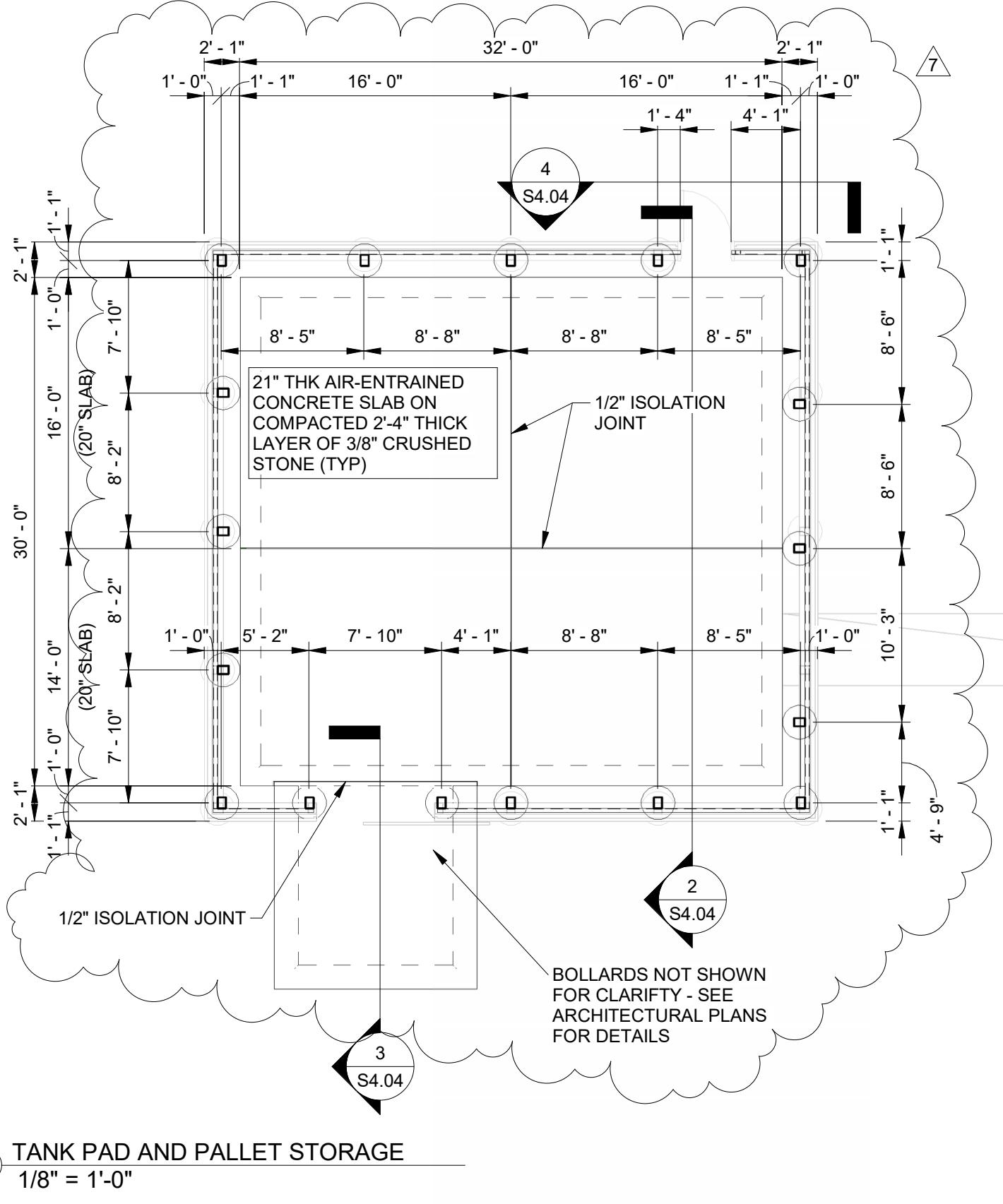
Project Manager:	Project No.:
Project Architect:	Production Leader:
Project Designer:	Peer Reviewer:

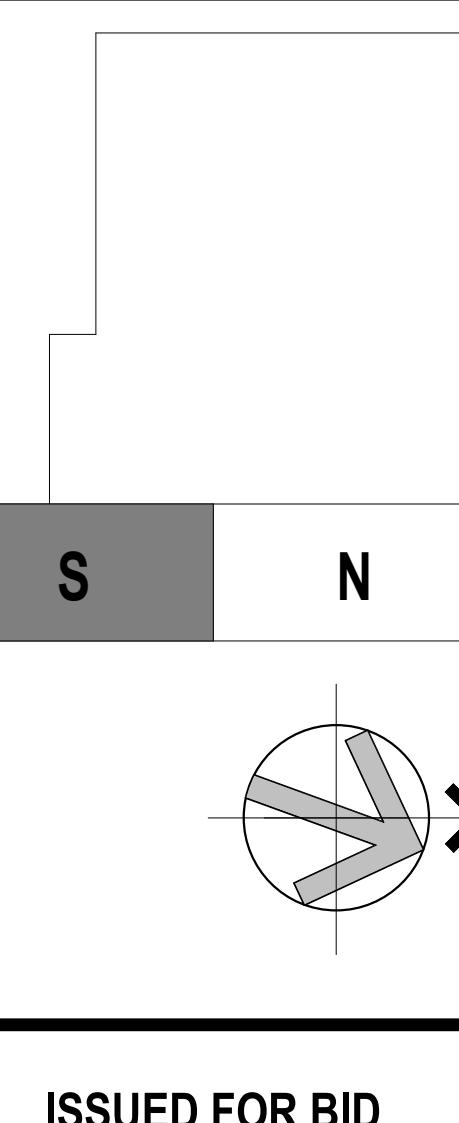
Drawing Number

S4.04

PLAN NOTES

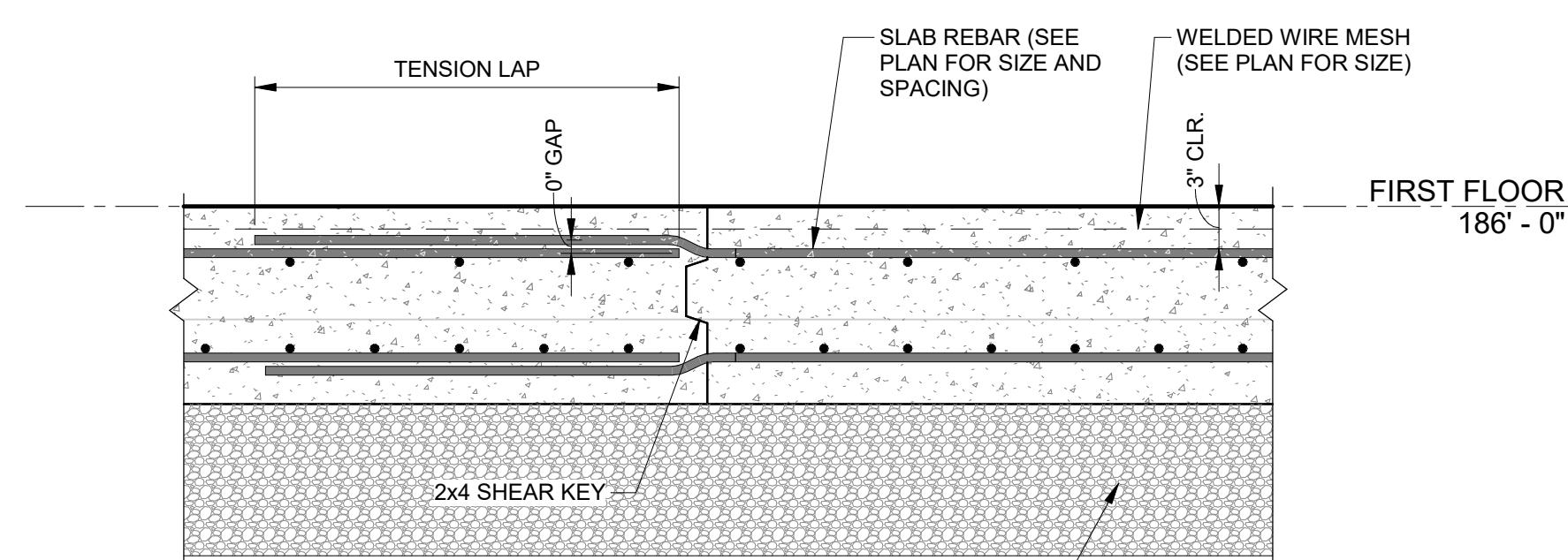
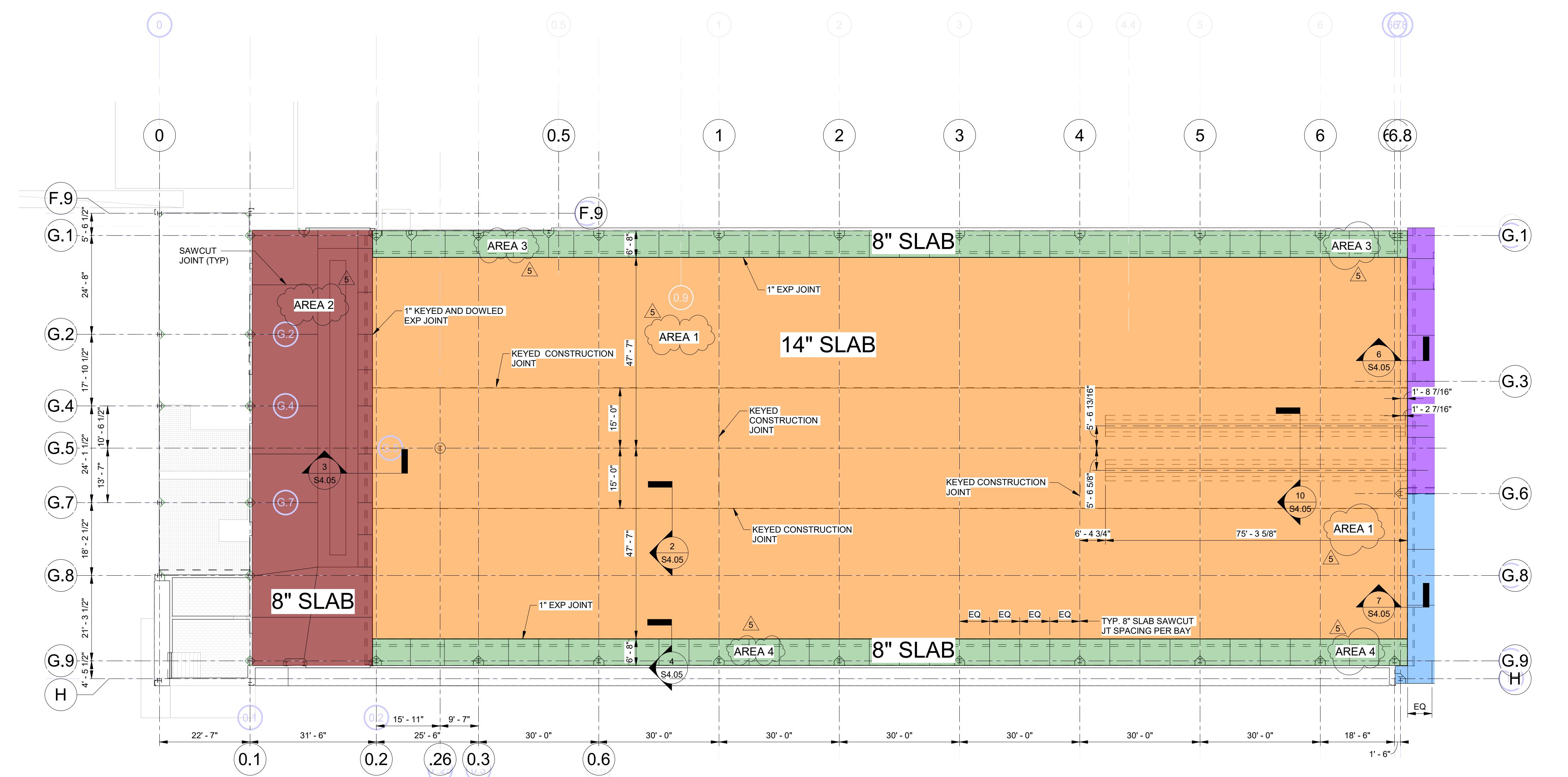
1. TANK FARM DIMENSION SHALL BE VERIFIED BASED ON THE APPROVED TANK SHOP DRAWINGS.
2. FOUNDATION SLAB IS DESIGNED BASE ON THE FOLLOWING INFORMATION:
MAXIMUM TANK HEIGHT OF 34'-0",
MAXIMUM TANK DIAMETER OF 9'-0",
MAXIMUM TANK WEIGHT WHEN FULL IS 91,000 LBS
WEIGHT OF TANK WHEN EMPTY IS 8000 LBS
3. BASE AND SUBGRADE PREPARATION SEE GEOTECHNICAL REPORT BY WELTI DATED August 16, 2022.
4. CONCRETE COMPRESSIVE STRENGTH SHALL BE 4500 PSI @ 28 Days WITH MIN. OF 6% AIR CONTENT.



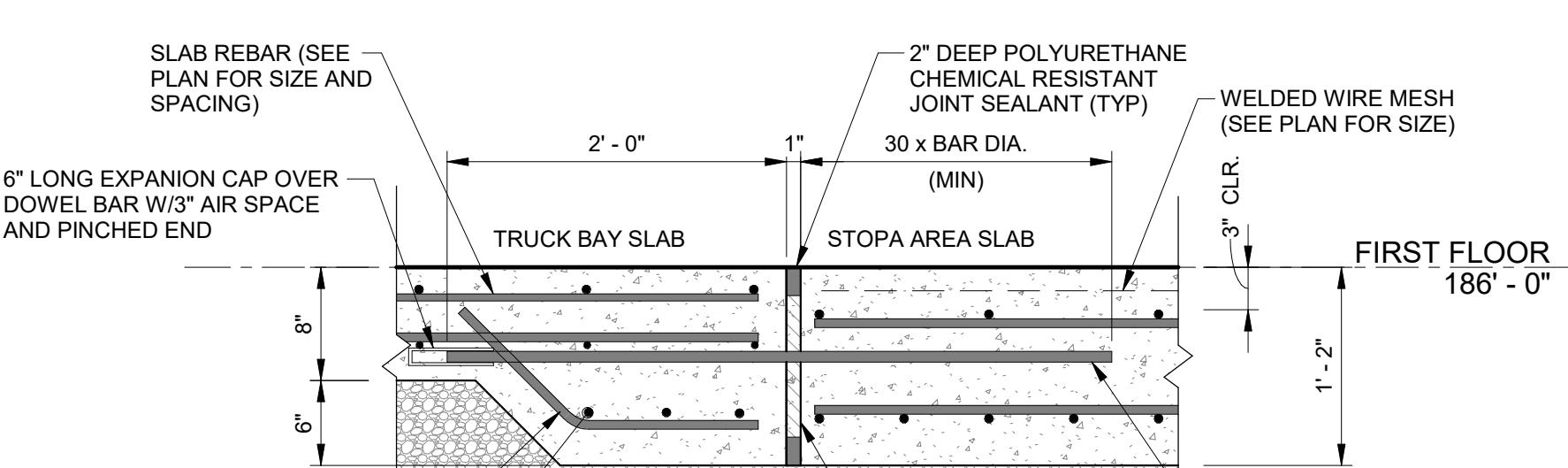


Seals

ISSUED FOR BID

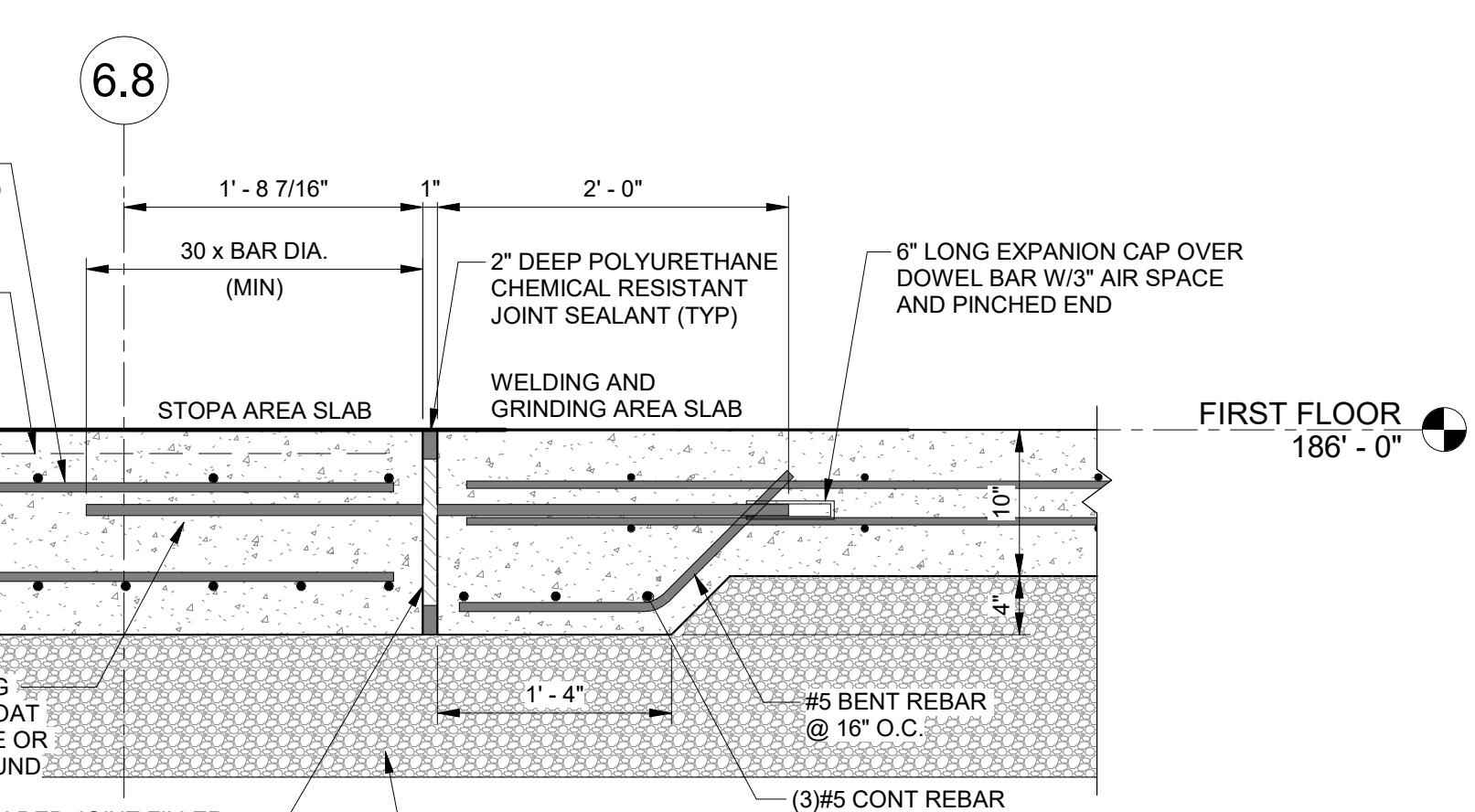


② SLAB JOINT SECTION
1" = 1'-0"



"CSJ-1"

③ SLAB JOINT SECTION
1" = 1'-0"



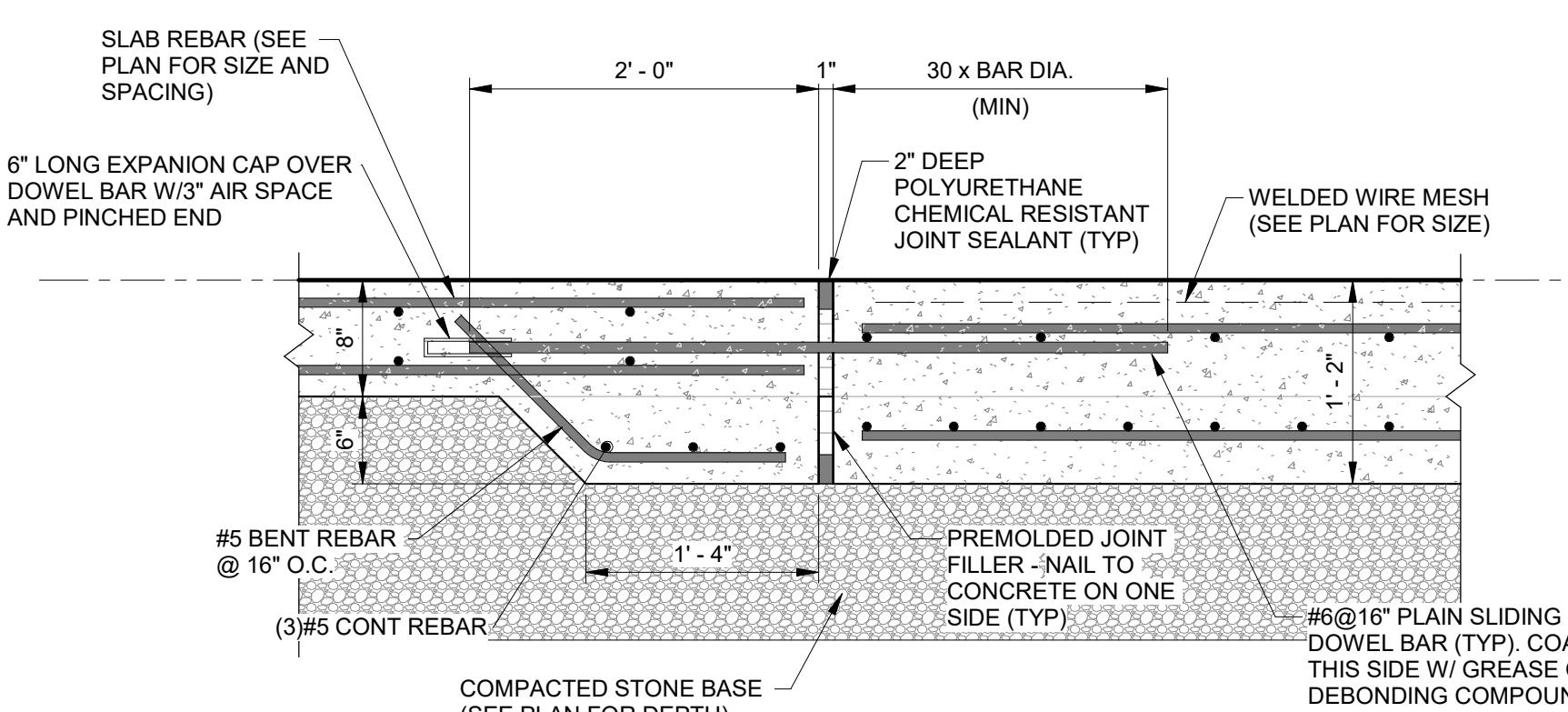
"EXP. JT-1"

"EXP. JT-2"

"EXP. JT-3"

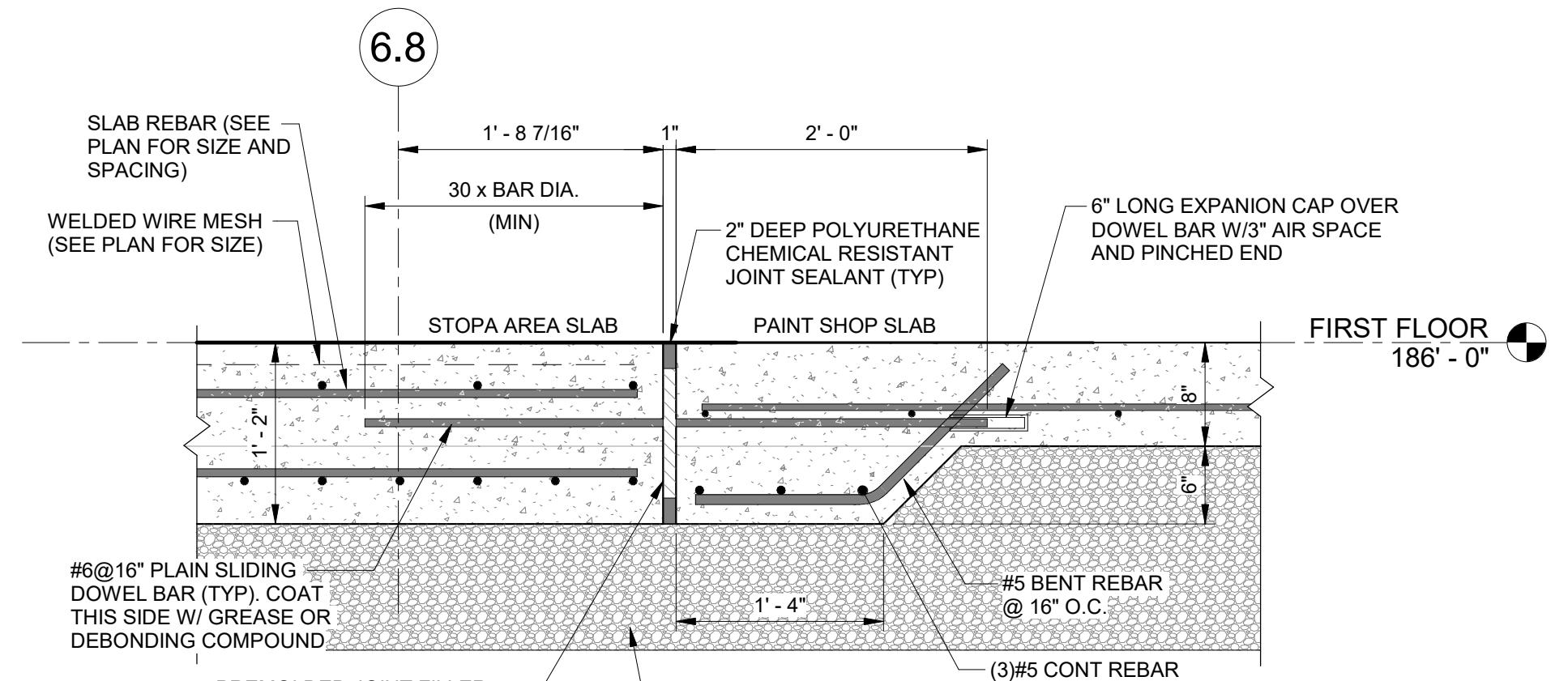
① FIRST FLOOR - SOUTH

1/16" = 1'-0"



④ SLAB JOINT SECTION

1" = 1'-0"



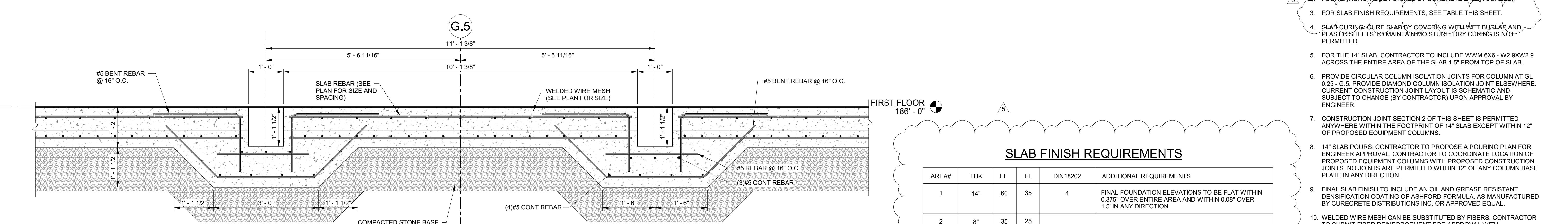
⑥ SLAB JOINT SECTION
1" = 1'-0"

⑦ SLAB JOINT SECTION
1" = 1'-0"

"EXP. JT-1"

"EXP. JT-2"

"EXP. JT-3"



⑩ SLAB SECTION

3/4" = 1'-0"

SLAB FINISH REQUIREMENTS

AREAN	THK.	FF	FL	DIN18202	ADDITIONAL REQUIREMENTS
1	14"	60	35	4	FINAL FOUNDATION ELEVATIONS TO BE FLAT WITHIN 0.375" OVER ENTIRE AREA AND WITHIN 0.08" OVER 1.5' IN ANY DIRECTION
2	8"	35	25		
3	8"	35	25		
4	8"	35	25		FINISH MUST BE SIMILAR TO SLAB #1
5	10"	60	35	4	
6	8"	50	35	3	STRAIGHT EDGE SPEC: 1/8" OVER 10'
ALL OTHER AREAS	N/A	35	25		

FLOOR SLAB NOTES:

- RECIPE: 4500 PSI CONCRETE MIX SLAB ON GRADE INTERIOR MAT SLAB USING CEMENT WITH MAXIMUM 1" COARSE AGGREGATE, MAXIMUM 3/8" FINE AGGREGATE, 0.45 MAXIMUM WATER/CEMENT RATIO, 4" TO 6" SLUMP (W/WATER REDUCER), AND LESS THAN 3% AIR CONTENT.
- FOUNDATIONS TO BE FORMED BY CONCRETE LASER SCREED.
- FOR SLAB FINISH REQUIREMENTS, SEE TABLE THIS SHEET.
- SLAB CURING-CURE SLAB BY COVERING WITH WET BURLAP AND PLASTIC SHEETS TO MAINTAIN MOISTURE; DRY CURING IS NOT PERMITTED.
- FOR THE 14" SLAB, CONTRACTOR TO INCLUDE WWM 6X6 - W2.9XW2.9 ACROSS THE ENTIRE AREA OF THE SLAB 1.5' FROM TOP OF SLAB.
- PROVIDE CIRCULAR COLUMN ISOLATION JOINTS FOR COLUMN AT GL 0.25 - G.5. PROVIDE DIAMOND COLUMN ISOLATION JOINT ELSEWHERE. CURRENT CONSTRUCTION joint LAYOUT IS SCHEMATIC AND SUBJECT TO CHANGE (BY CONTRACTOR) UPON APPROVAL BY ENGINEER.
- CONSTRUCTION joint SECTION 2 OF THIS SHEET IS PERMITTED ANYWHERE WITHIN THE FOOTPRINT OF 14" SLAB EXCEPT WITHIN 12' OF PROPOSED EQUIPMENT COLUMNS.
- 14" SLAB POURS: CONTRACTOR TO PROPOSE A POURING PLAN FOR ENGINEER APPROVAL. CONTRACTOR TO COORDINATE LOCATION OF PROPOSED EQUIPMENT COLUMNS WITH PROPOSED CONSTRUCTION JOINTS. NO JOINTS ARE PERMITTED WITHIN 12' OF ANY COLUMN BASE PLATE IN ANY DIRECTION.
- CONCRETE POURING: CONTRACTOR TO PROPOSE A POURING PLAN FOR EQUIPMENT COLUMNS AND EQUIPMENT DENSIFICATION COATING OF EQUIPMENT POURING AS MANUFACTURED BY CURECOTE DISTRIBUTIONS INC. OR APPROVED EQUAL.
- WELDED WIRE MESH CAN BE SUBSTITUTED BY FIBERS. CONTRACTOR TO SUBMIT FIBER REINFORCEMENT FOR APPROVAL WITH CALCULATIONS ON THE EXPECTED SHRINKAGE AND DOSING.

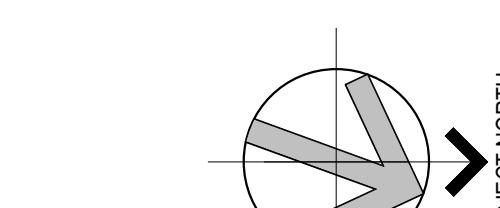
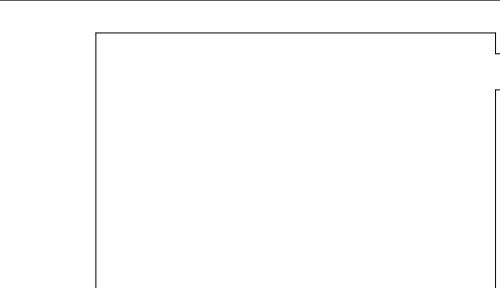
Issues / Revisions
No. Date Description
2 11/2/2022 ADENVO PACKAGE
3 12/02/2022 ASI-001 BID
5 03/03/2023 ASI-001

Drawing Title
SOUTH SLAB PLAN AND DETAILS

Project Manager: Project No.: 70744.00
Project Architect: Production Leader:
Project Designer: Peer Reviewer:

Drawing Number:

SHEET ADDED
S4.05



ISSUED FOR BID

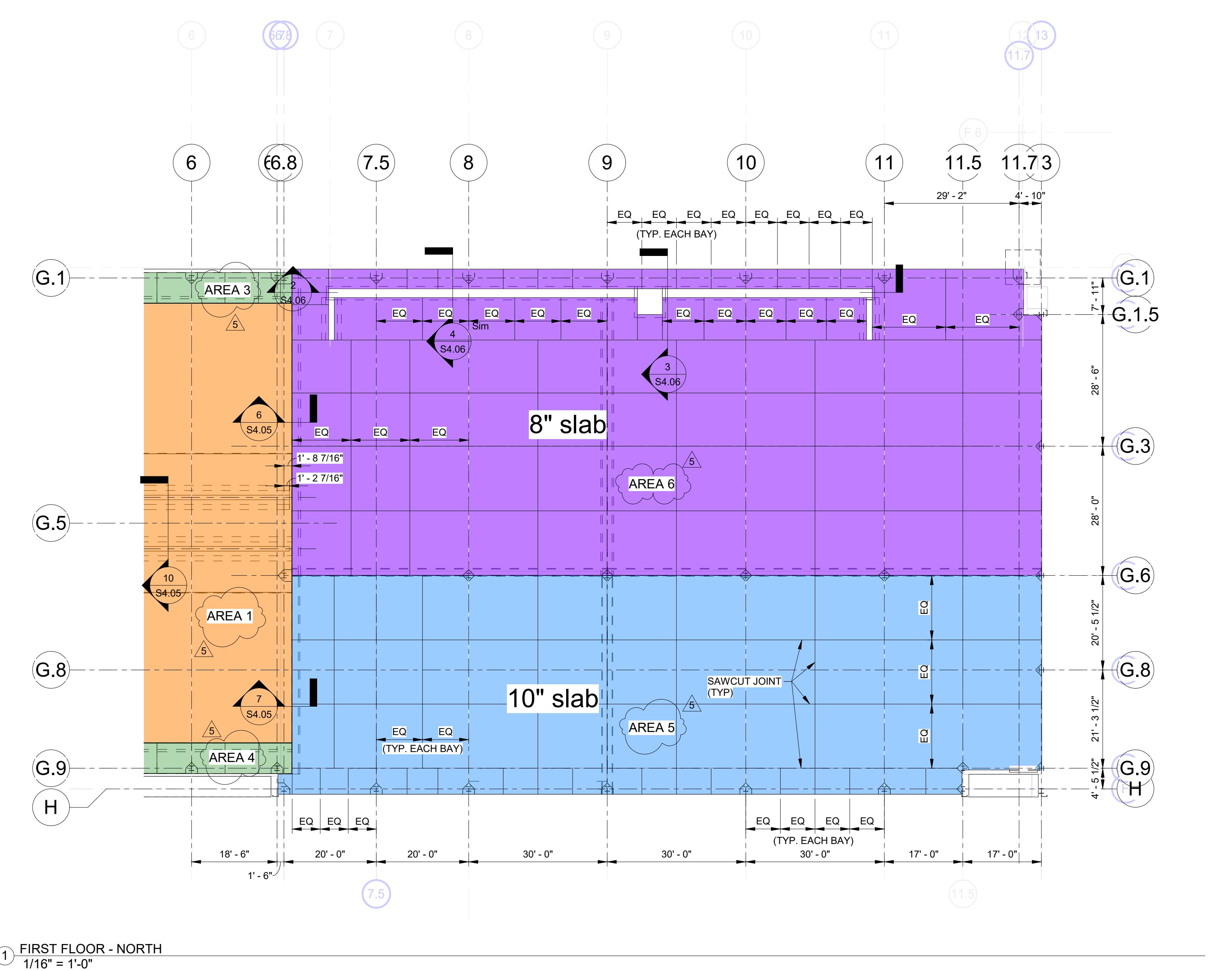
No.	Date	Description
2	11/21/2022	ADDITION PACKAGE
4	01/20/2023	STRUCTURE BID
5	03/03/2023	AS-BUILT

Drawing Title
**NORTH SLAB
PLAN AND
DETAILS**

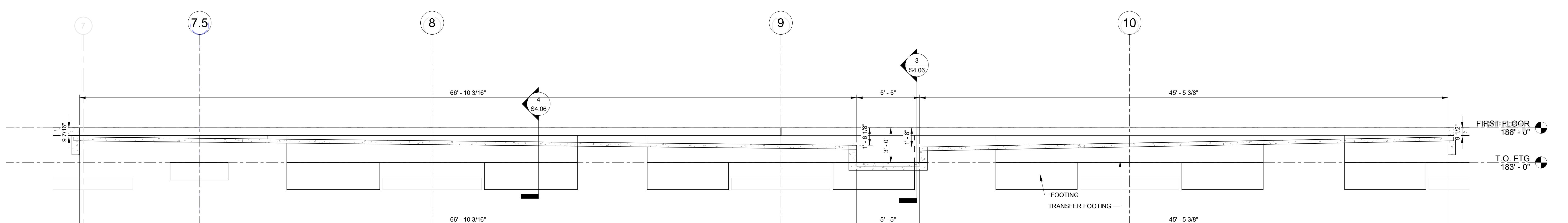
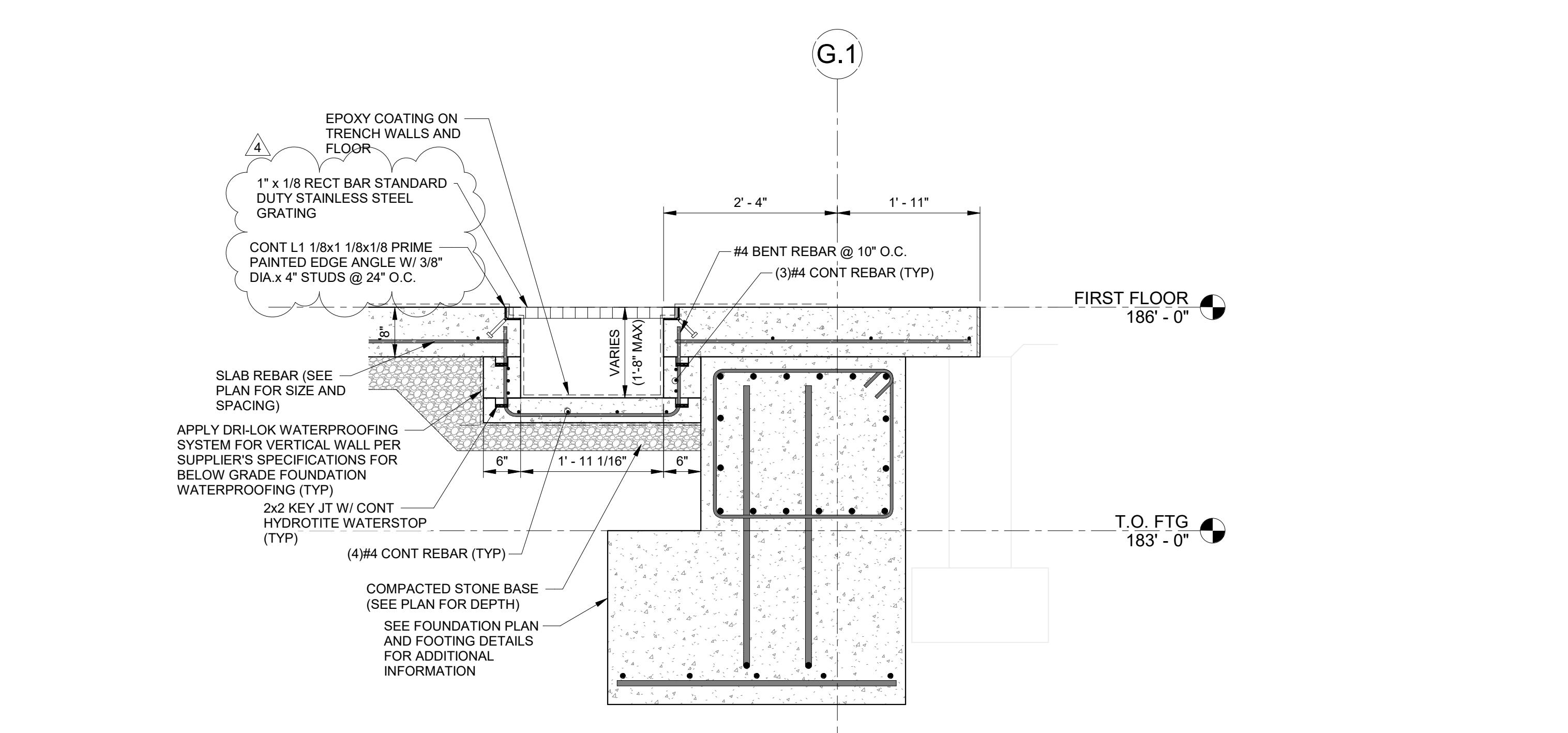
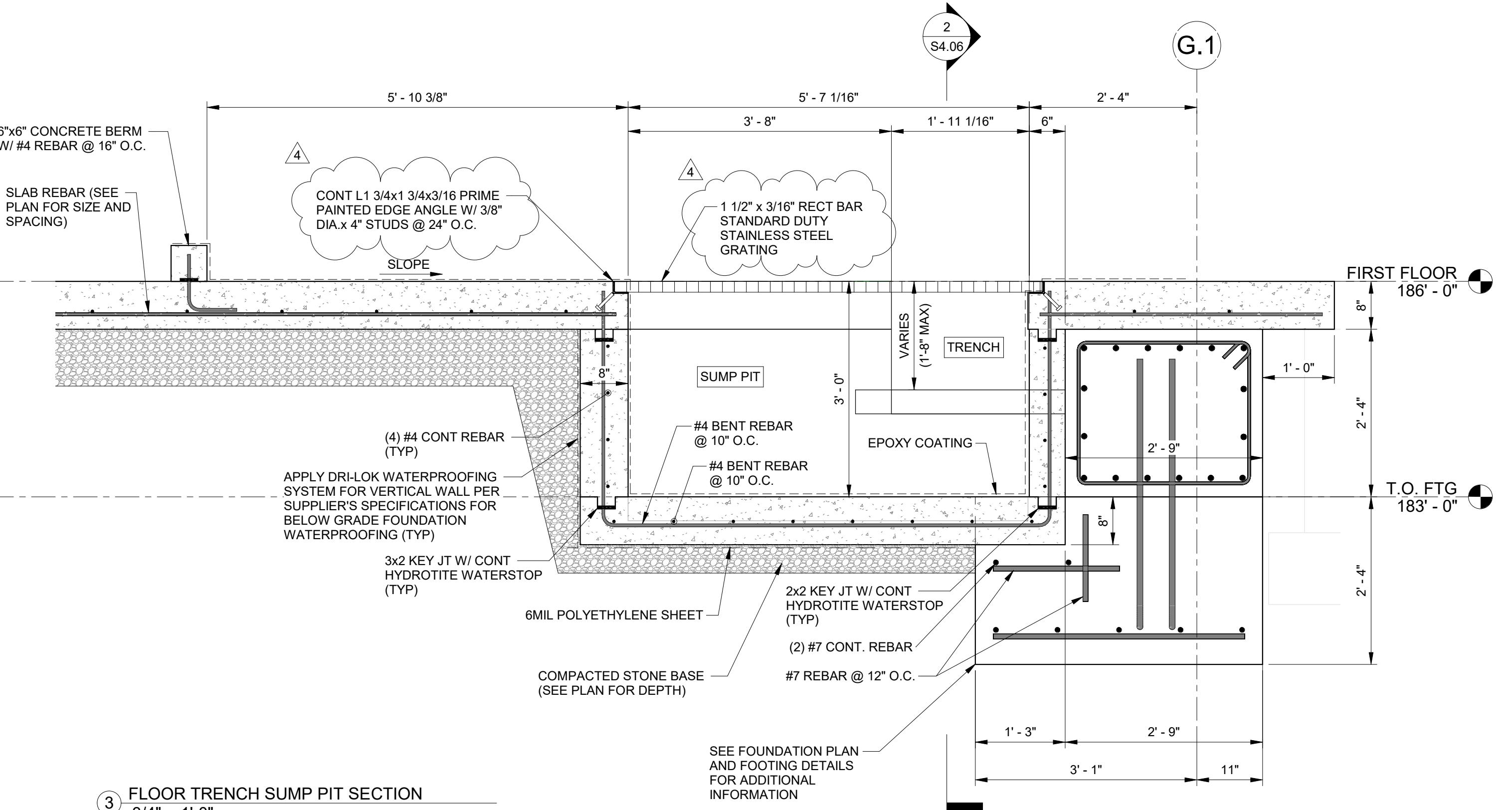
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Project Architect:	Production Leader:	
Project Designer:	Peer Reviewer:	

Drawing Number

S4.06

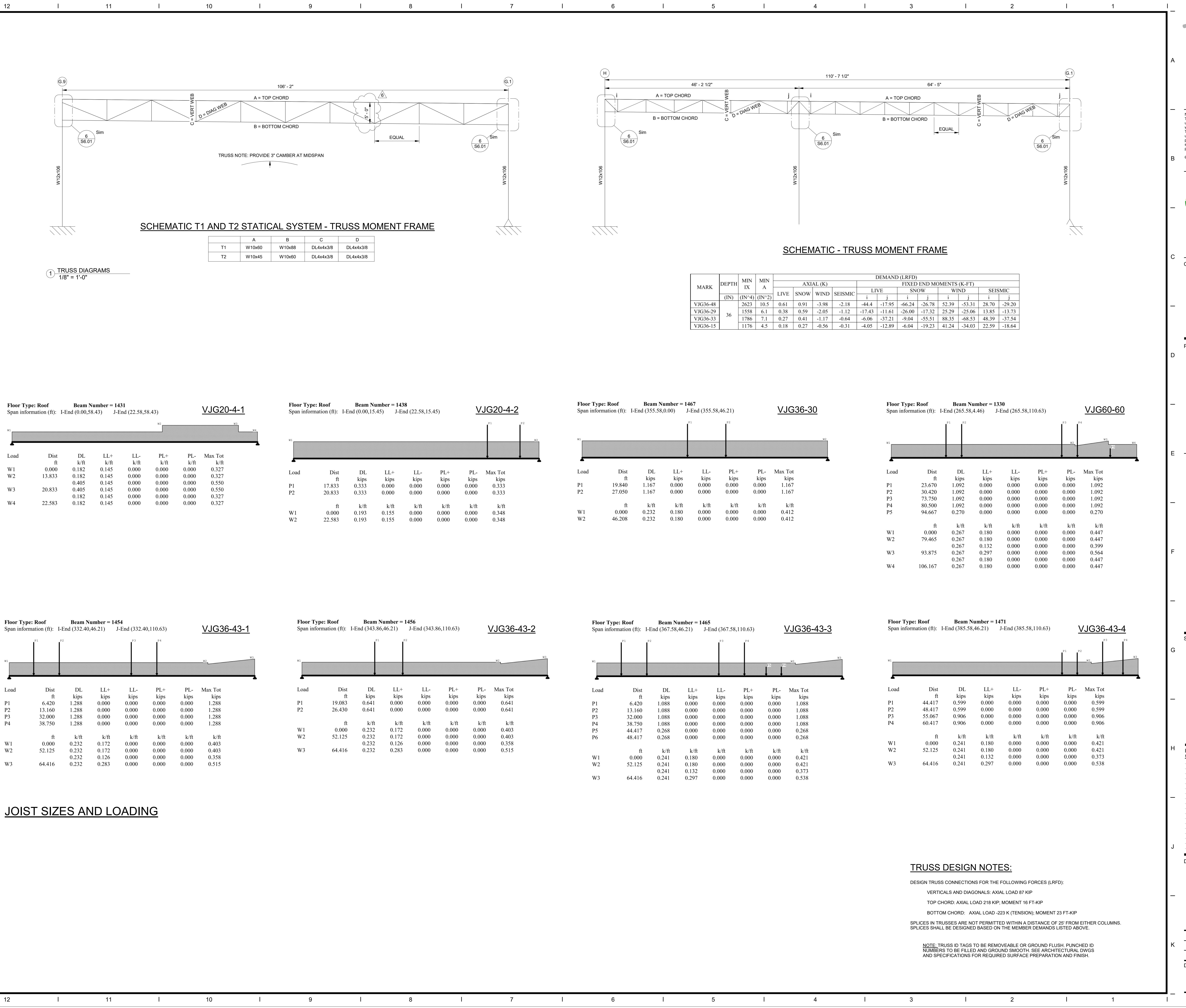


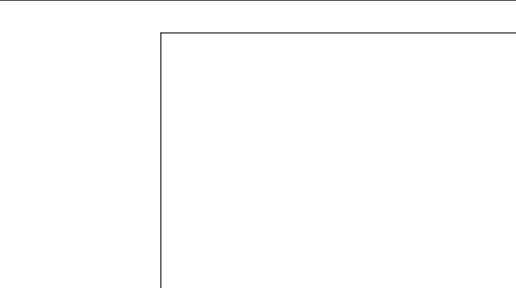
① FIRST FLOOR - NORTH
1/16" = 1'-0"



② FLOOR TRENCH SECTION
1/4" = 1'-0"

SHEET ADDED





F Seals

G ISSUED FOR BID

No.	Date	Description
06/08/2022		REVIEW PACKAGE
08/03/2022		ISSUED FOR BID


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
**CROSS BRACING
EAST BAYS**

Project Manager:	Project No.:
Project Architect:	Production Leader:
Project Designer:	Peer Reviewer:

K Drawing Number

S5.02





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120 Hebron Avenue, Floor 2
Glastonbury, CT 06033
860.633.8341

Client/ Contractor
TRUMPF INC

111 HYDE ROAD
FARMINGTON, CT

Project
TRUMPF INC
BUILDING-2 2022 ADDITION
1 JOHNSON AVE.
FARMINGTON, CT

Seals
ISSUED FOR BID

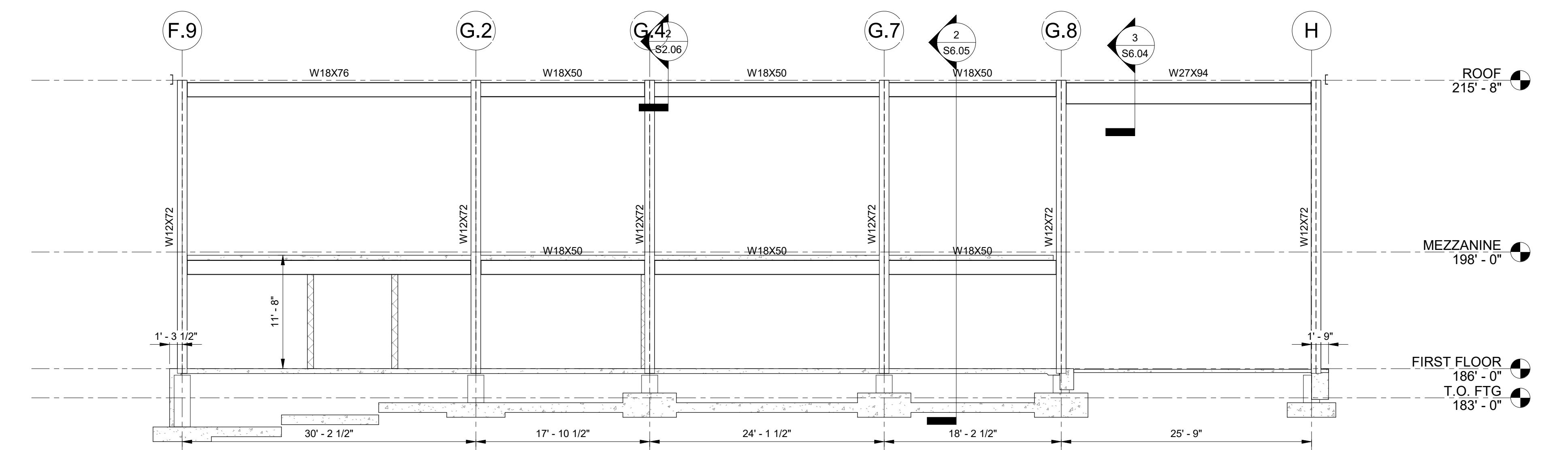
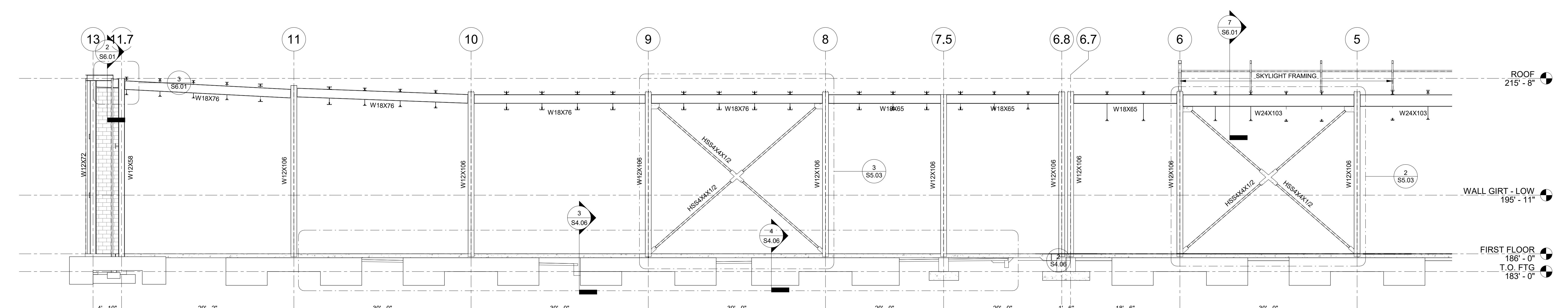
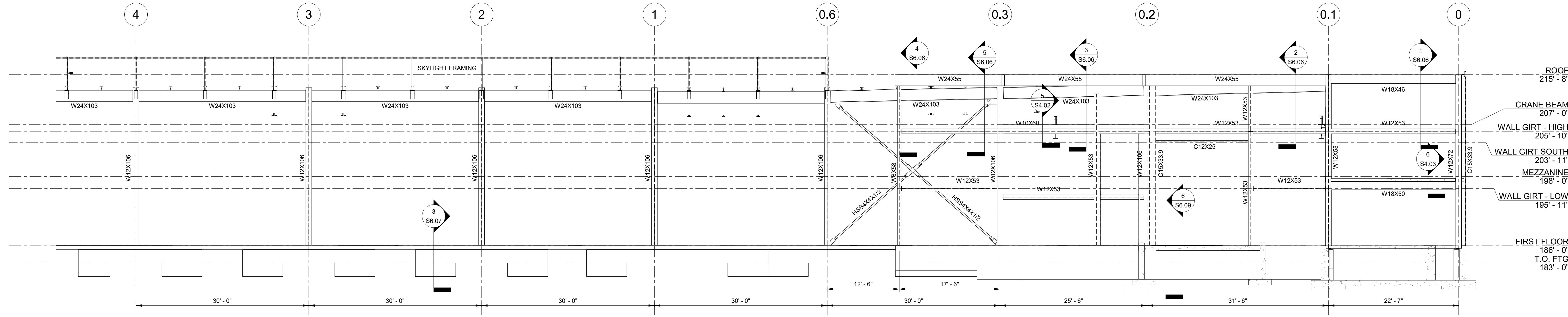
No.	Date	Description
06/06/2022	06/06/2022	REVISION PACKAGE
08/03/2022	08/03/2022	ISSUED FOR BID
1	08/22/2022	ADDENDUM A
2	11/12/2022	ADDENDUM 3

Drawing Title
FRAMING ELEVATIONS

Project Manager:	Project No.:	70744.00
Project Architect:	Production Leader:	
Project Designer:	Peer Reviewer:	

Drawing Number

S5.04



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BUILDING-2 2022 ADDITION

ISSUED FOR BID

Date	Description
06/08/2022	REVIEW PACKAGE

ing Title

FRAMING ELEVATIONS

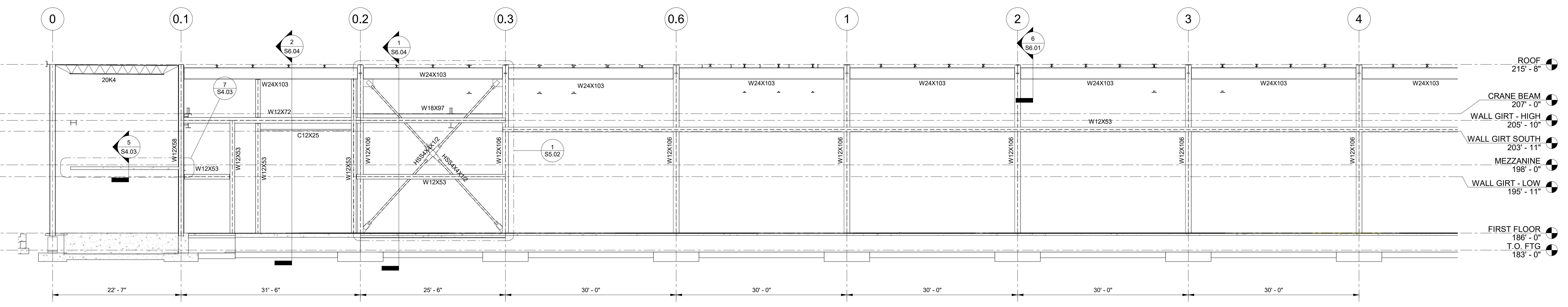
Project Manager:	Project No.: 70744.00
Project Architect:	Production Leader:
Project Designer:	Peer Reviewer:

ing Number

35.05

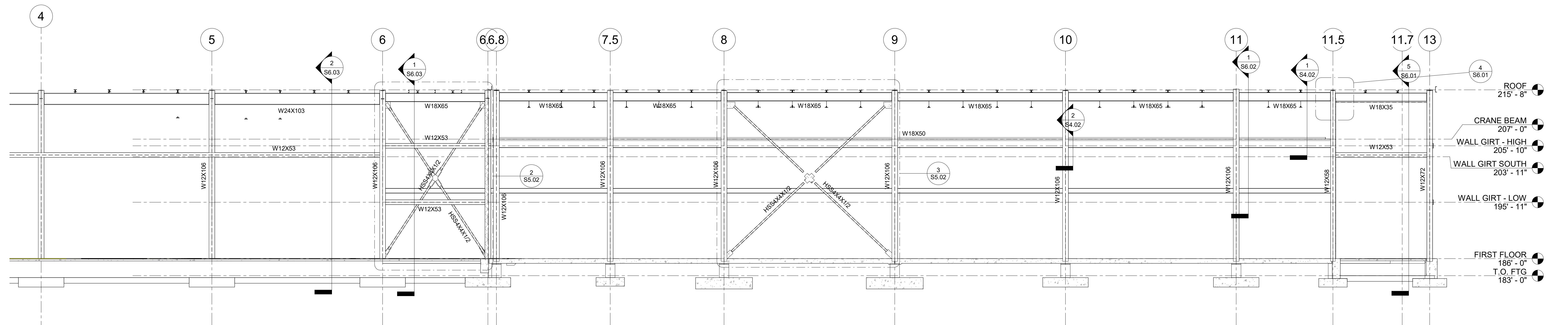
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For more information about the study, please contact Dr. [REDACTED] at [REDACTED].



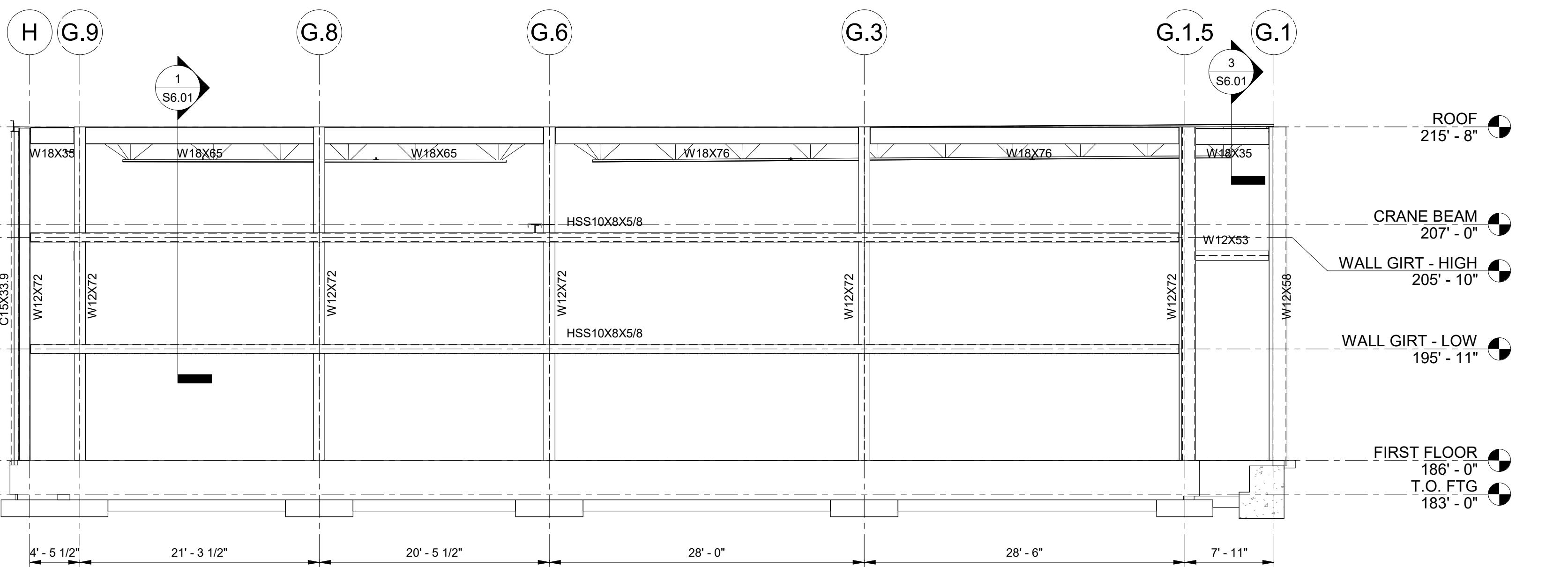
1 FRAMING ELEVATION - SOUTHEAST
1/8" = 1'-0"

1/8" = 1'-0"



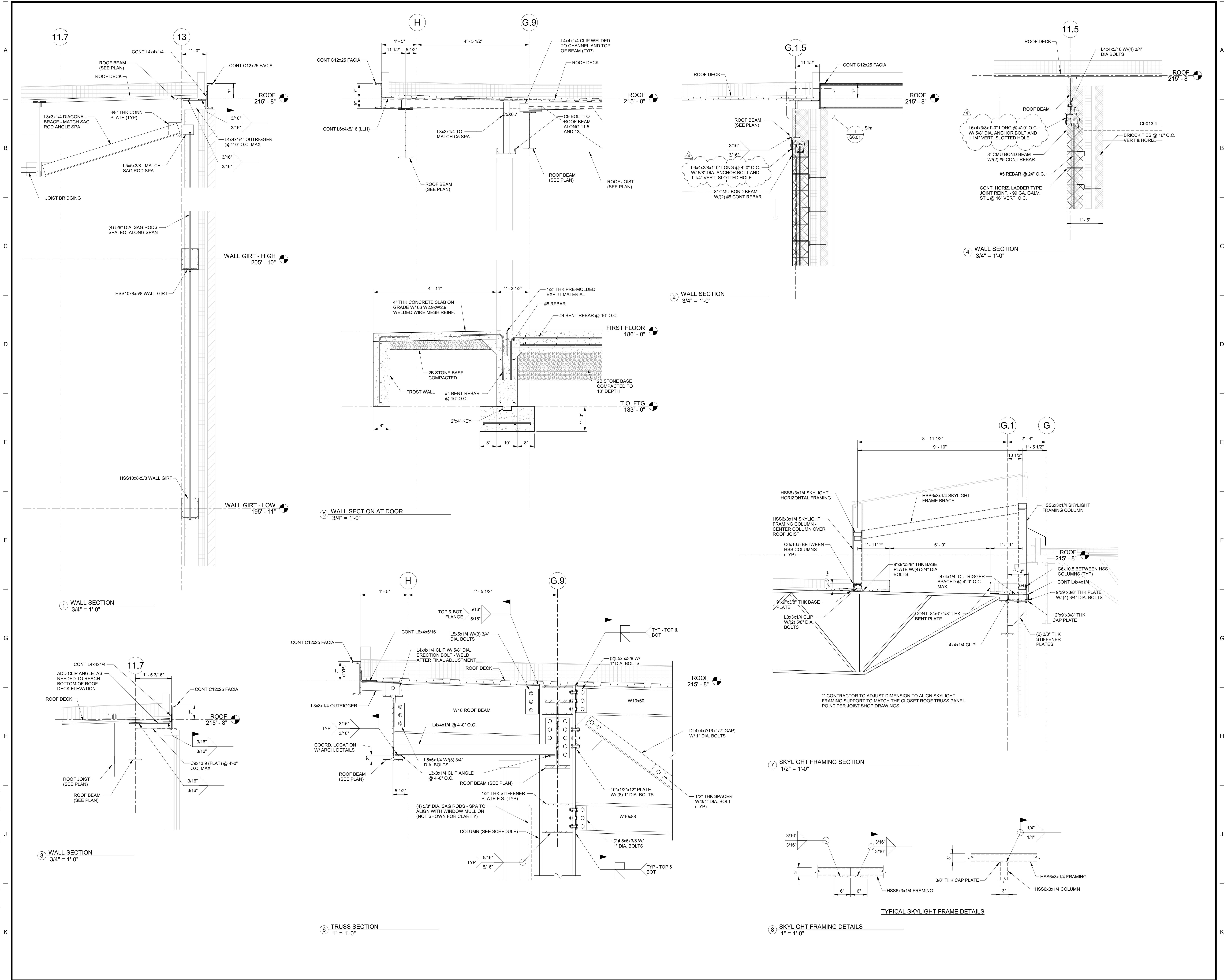
2 FRAMING ELEVATION - NORTHEAST

$$\frac{1}{8}'' = 1'-0''$$



3 FRAMING ELEVATION - NORTH
1/8" = 1'-0"

() 1/8" ≈ 1-0"



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BUILDING-2 2022 ADDITION

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Notes / Revisions	
Date	Description
06/08/2022	REVIEW PACKAGE
08/03/2022	ISSUED FOR BID
08/22/2022	ADDENDUM A
11/21/2022	ADDENDUM 3
05/30/2023	PCS, TRUSS, CRANE BEAM UPDATE

ing Title
ALL SECTIONS

Project Manager:	Project No:	70744.00
Project Architect:	Production Leader:	
Project Designer:	Peer Reviewer:	

ving Number

S6 02

50.02

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C Client/ Contractor

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111 HYDE ROAD
FARMINGTON, CT

D Project

TRUMPF INC

BUILDING-2 2022 ADDITION

1 JOHNSON AVE.
FARMINGTON, CT

G Seals

ISSUED FOR BID

H Issues / Revisions

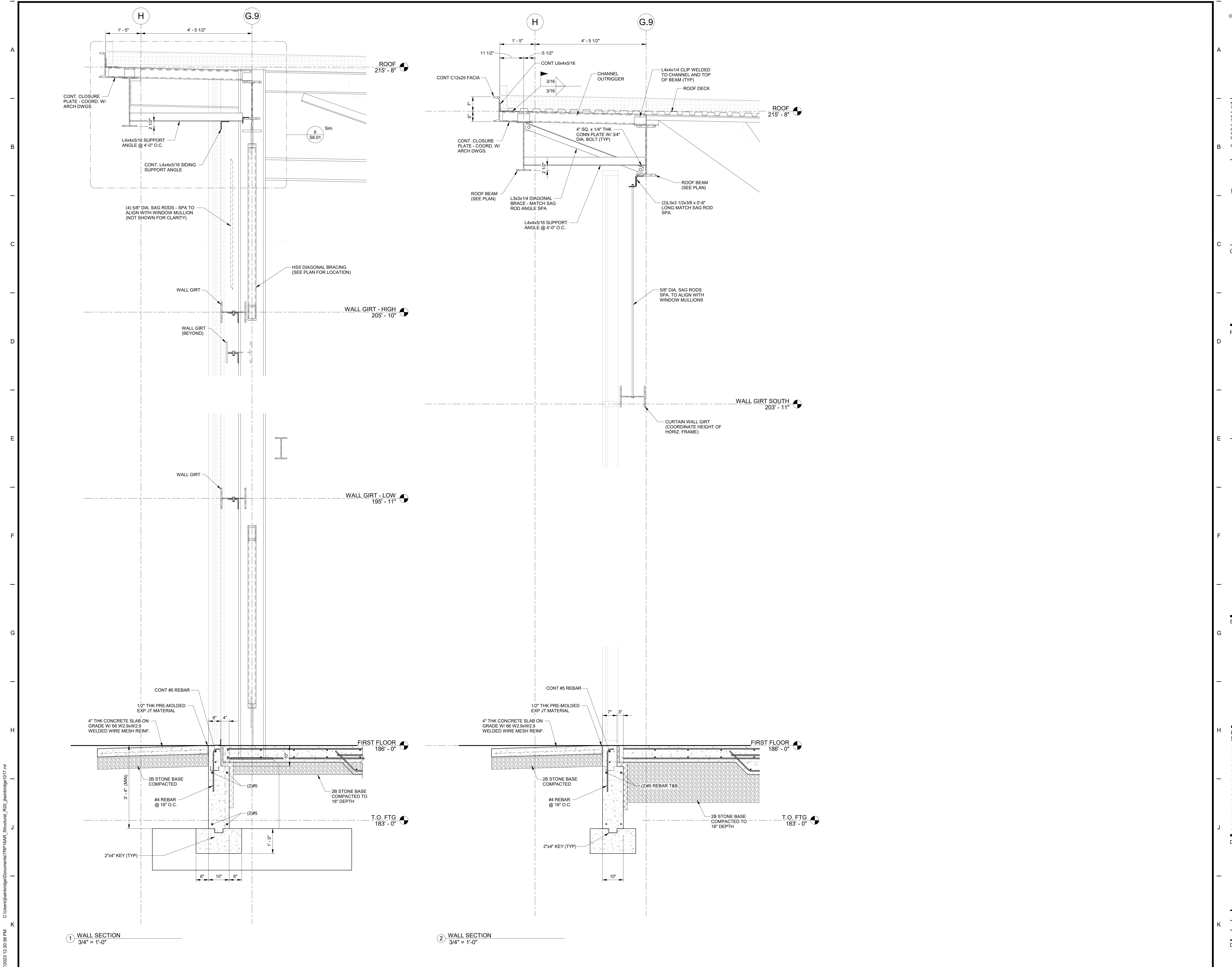
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06/06/2022		REVIEW PACKAGE
08/06/2022		ISSUED FOR BID
2	11/21/2022	ADDENDUM 3

J Drawing Title

WALL SECTIONS

K Project Manager: Project No.: 70744.00
Project Architect: Production Leader:
Project Designer: Peer Reviewer:
Drawing Number:

S6.03



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G Seals

ISSUED FOR BID

No.	Date	Description
06/08/2022		REVIEW PACKAGE
06/09/2022		ISSUED FOR BID

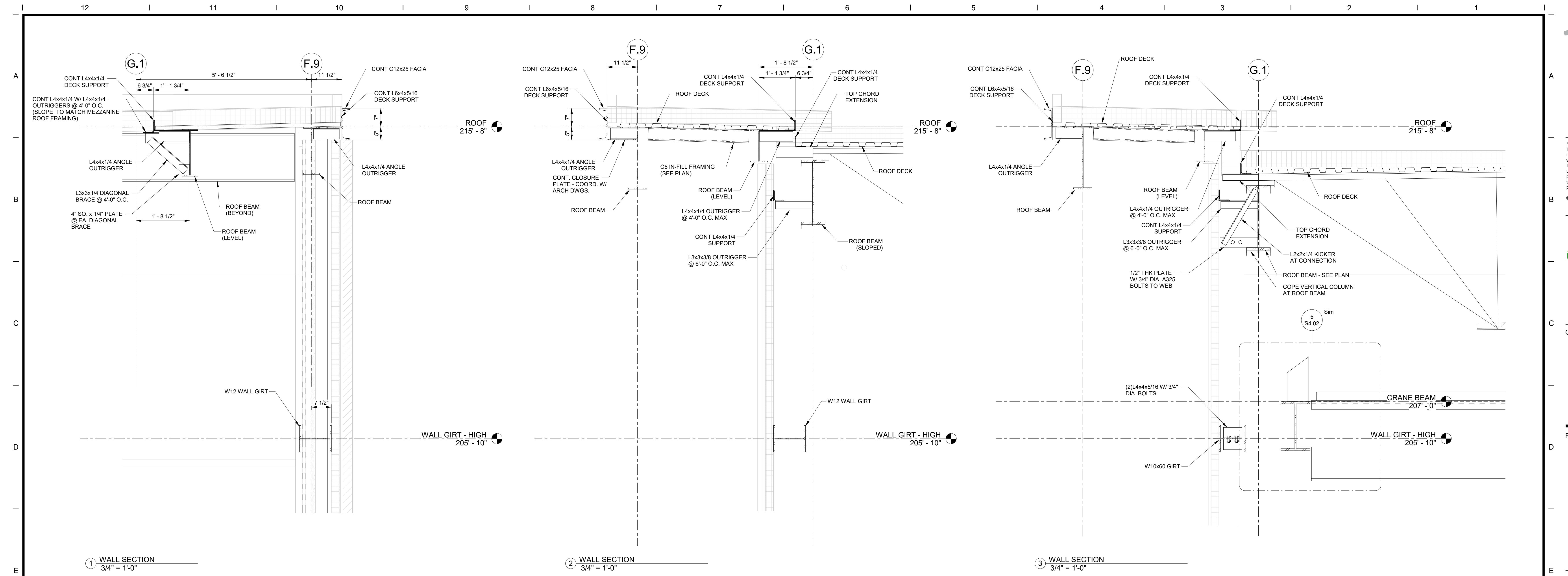
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
WALL SECTIONS

Project Manager:	Project No.:	70744.00
Project Architect:	Production Leader:	
Project Designer:	Peer Reviewer:	

K Drawing Number

S6.06





12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |

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BUILDING-2 2022 ADDITION

Seals

ISSUED FOR BID

Issues / Revisions		
No.	Date	Description
	06/08/2022	REVIEW PACKAGE
	08/03/2022	ISSUED FOR BID
1	08/22/2022	ADDENDUM A
2	11/21/2022	ADDENDUM 3

Drawing Title

WALL SECTIONS

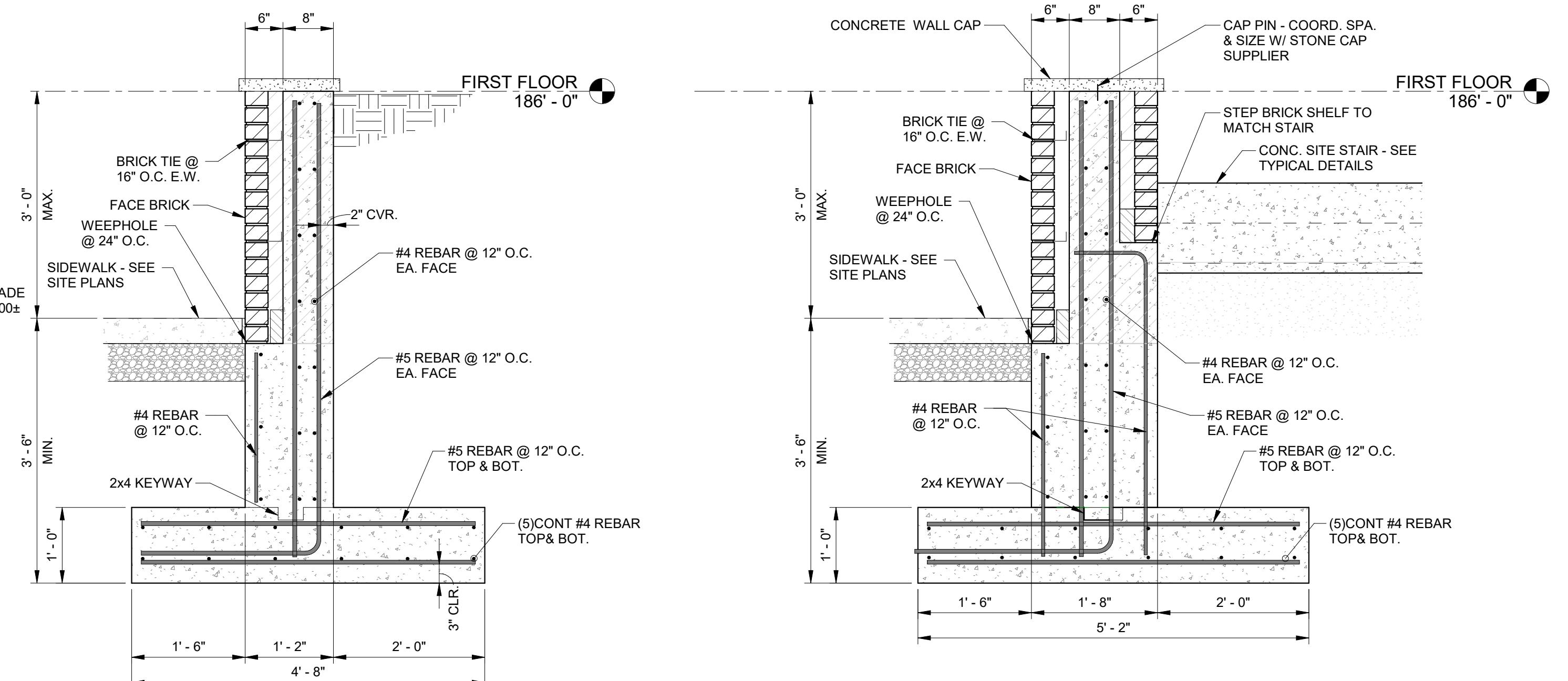
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Project Designer:	Peer Reviewer:	

Drawing Number
S6 09

30.09

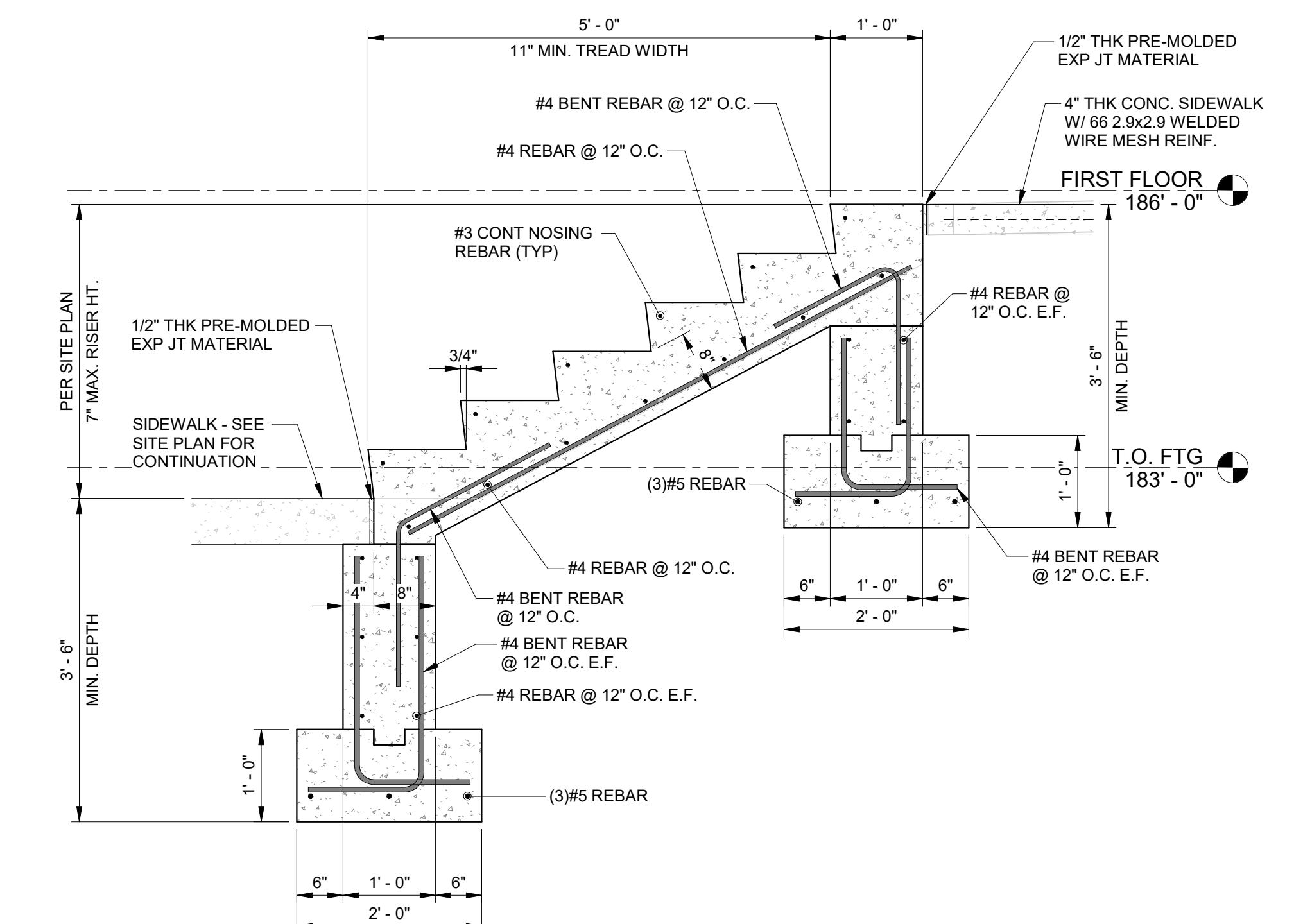
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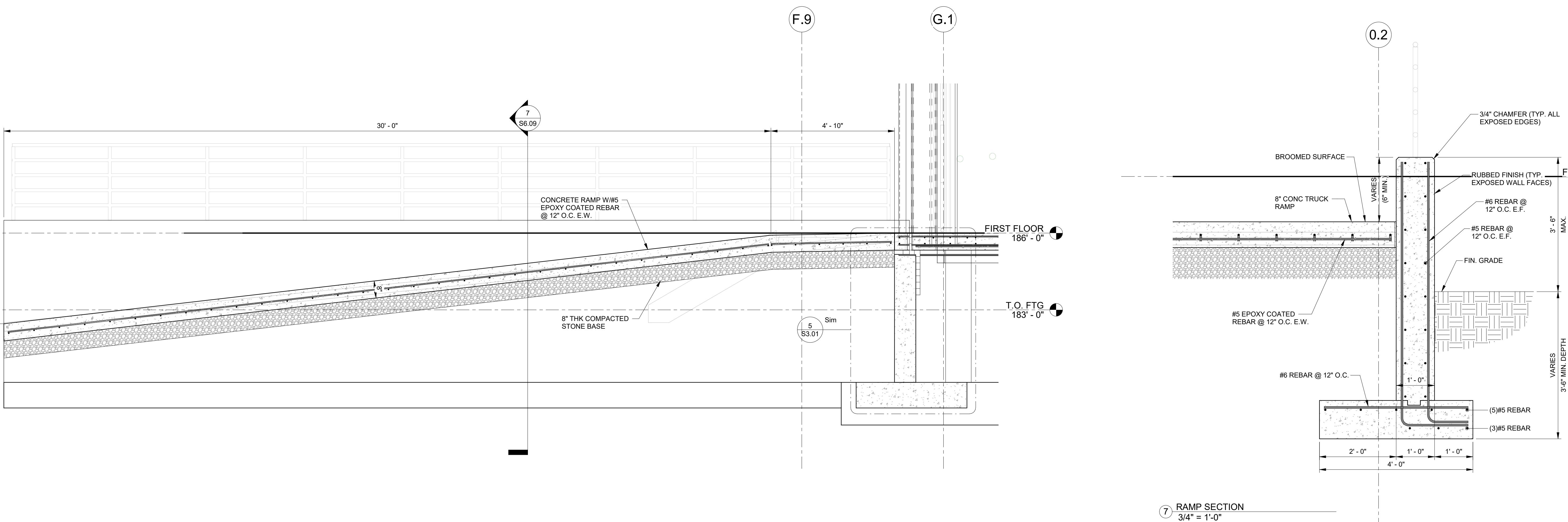


SITE WALL SECTION

4 SITE WALL SECTION



5 CONCRETE STAIR SECTION 3/4" = 1'-0"



(6) RAMP SECTION
1/2" = 1'-0"