

SECTION 00 90 02

BIDDING AND CONTRACT REQUIREMENTS
ADDENDUM NUMBER 2

Date: February 12, 2025

Distributed via:
City Blue Planroom

To: **Prospective Bidders**

From: Legat Architects, Inc.
1515 5th Avenue, Suite 108
Moline, IL 61265
309 517-5536
www.legat.com

Architect's Project Number:
224151.00

Re: **Addendum Number 2 to the bidding documents for:
Moline – Coal Valley School District #40
Browning Field Concessions and Toilet Room Improvements**

This addendum forms a part of the bidding and contract documents and modifies the original bidding documents dated January 30, 2025. Acknowledge receipt of this addendum in the space provided on Bid Form. FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION.

I. PART 1 - ADDENDUM TO THE PROJECT MANUAL

- A. Document Table of Contents.
 - 1. Page TOC-1:
 - a. ADD the following item(s) after item 00 82 00 – Prevailing Wage Requirements:
 - "00 90 02 Addendum Number 2 15".
- B. Document 04 26 13 – MASONRY VENEER.
 - 1. Page 5, Article 2.02 Cast Stone Architectural Masonry Veneer:
 - a. At Paragraph A:
 - 1) At Sub-Paragraph 1:
 - a) **REVISE** to read:
 - (1) "Size: 11-5/8 inches high x 23-5/8 inches long, 1-3/8 inches thick."
 - 2) At Sub-Paragraph 3.a:
 - a) **REVISE** to read:
 - (1) "RockCast Ready Smooth ST-103..."
 - 3) At Sub-Paragraph 4:
 - a) **REVISE** to read:
 - (1) "Corner Units: Provide thin stone corner units at all corner conditions in order to give the aesthetic of full sized stone units. RockCast Ready Smooth ST-003-6018."

II. PART 2 - ADDENDUM TO THE DRAWINGS

- A. Drawing S000, titled, **GENERAL NOTES**.
 - 1. **REVISE** Shallow Foundation section.
- B. Drawing S001, titled, **GENERAL NOTES**.
 - 1. **REMOVE** symbols.
 - 2. **ADD** Testing and Inspections
- C. Drawing S002, titled, **GENERAL NOTES**.
 - 1. **REMOVE** Sheet.
- D. Drawing S100, titled, **FOUNDATION PLANS**.
 - 1. **REVISE** Cold Form Shear Wall Schedule.
 - 2. **ADD** dimensions.

3. **ADD** 6" concrete curb.
4. **REVISE** wall and footing elevations.
5. **ADD** Footing step.

E. Drawing S101, titled, **ROOF FRAMING PLANS.**

1. **REVISE** roof truss profiles.
2. **REVISE** sheet notes.
3. **ADD** Keynote 3.
4. **REVISE** truss framing.

F. Drawing S300, titled, **CONCRETE DETAILS.**

1. **REVISE** detail 3, 5, and 11

G. Drawing S400, titled, **COLD FORM STEEL FRAMING DETAILS.**

1. **REVISE** detail 1, 2, 7 and 9.

H. Drawing S500, titled, **WOOD DETAILS.**

1. **REVISE** detail 3.
2. **ADD** detail 4.

I. Drawing E-101, titled, **ELECTRICAL FIRST FLOOR POWER PLAN**

1. **REMOVE** Electrical meter with corresponding keynote at restroom building

J. Drawing E-301, titled, **ELECTRICAL ONE LINE DIAGRAM, DETAILS, AND SCHEDULES**

1. **REVISE** Demolition one line diagram
2. **REVISE** New one line diagram

K. Drawing ES-101, titled, **ELECTRICAL SITE PLAN**

1. **REVISE** Overall drawing
2. **CLARIFICATION:** Contractor is responsible for removing existing concrete/asphalt at new transformer location and installing utility company required transformer pad and containment moat. Utility company requires that 3 bollards be installed around transformer. Contractor to provide and install bollards per utility company requirements.

L. Drawing ESD-101, titled, **ELECTRICAL SITE DEMO PLAN**

1. **REVISE** Existing utility transformer from "existing to remain" to "existing to be demolished"
2. **REVISE** Keynote 4

III. PART 3 - CLARIFICATIONS

A. Document 01 50 00 – TEMPORARY FACILITIES AND CONTROLS.

1. Article 1.05, TEMPORARY SANITARY FACILITIES:
 - a. The temporary restroom facilities are to be provided by the contractor should the new facilities not be operation by the final completion date noted in the project manual.

END OF SECTION

This addendum consists of 2 pages.

This addendum has 13 attached pages identified below:

- Prebid Attendance Sheet (2 pages)
- Drawings:
 - S000, S001, S100, S101, S300, S400, S500, E-101, E-301, ES-101, ESD-101 (11 pages)

Attendance Record

OWNER Moline-Coal Valley SD RE Pre-Bid Meeting

PROJECT TITLE Browning Field Concessions and Toilet Room Improvements PROJECT NO. 224151.00

LOCATION Wharton Field House DATE, TIME 02/04/2025, 10:00 A.M

NAME	TITLE	ORGANIZATION	PHONE	EMAIL
Vince Gallo	CFO	Moline-Coal Valley SD	(309) 743-8108	vgallo@molineschools.org
Zach Campbell	Associate	Legat Architects	(309) 592-9529	zcampbell@legat.com
Brandon Edwards	Associate	Legat Architects	(309) 517-5543	bedwards@legat.com

~~GRAG DENAEZT~~ EXECUTIVE DIRECTOR T HOWE IMPACT 563-940-6094
 director@tllowehimpact.org

~~Toby Chenoweth~~ Chenoweth Construction 309-781-0572 tobychenoweth@chenoweth.com

~~Vince Gallo~~

~~Steve Perron~~ Bush Coast 863-689-0925 SPERRON@bushcoast.net

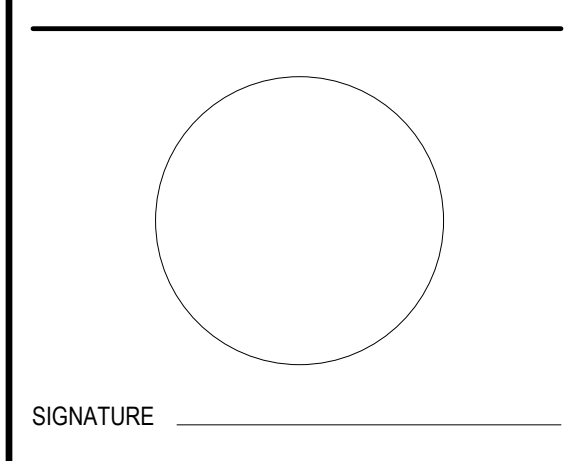
~~Mike HIRST~~ HIRST Plumbing 309-281-1548 mhirstplumbing@gmail.com

Attendance Record

OWNER Moline-Coal Valley SD RE Pre-Bid Meeting
PROJECT TITLE Browning Field Concessions and Toilet Room Improvements PROJECT NO. 224151.00
LOCATION Wharton Field House DATE, TIME 02/04/2025, 10:00 A.M

NAME	TITLE	ORGANIZATION	PHONE	EMAIL
Vince Gallo	CFO	Moline-Coal Valley SD	(309) 743-8108	vgallo@molineschools.org
Zach Campbell	Associate	Legat Architects	(309) 592-9529	zcampbell@legat.com
Brandon Edwards	Associate	Legat Architects	(309) 517-5543	bedwards@legat.com

Andy Whayert	Board President			awhayert@molineschools.org
Chet Desmet	Board Member			cdesmet@molineschools.org
JASON NELSON	VALLEY			JNELSON@VALLEYCONSTRUCTION.COM
Rusty Adamson	Root River Elec.			rusty@rootriverelectric.com
BRIAN ROSSMILLER	ESTES			brussmiller@estesconstruction.com
Kevin Hanna	Petersen Plumbing			khanna@petersenplumbing.com



NO	REVISIONS DESCRIPTION	DATE
2	ADDENDUM #2	02/12/25

SIGNATURE
DATE

PROJECT NUMBER 224151.00
DATE OF ISSUE 01/10/2025
DRAWN BY
REVIEWED BY

GENERAL NOTES

3000
BIDDING

DESIGN CRITERIA

- STRUCTURE HAS BEEN DESIGNED TO COMPLY WITH IBC 2021 AND SUBSEQUENT REFERENCE STANDARDS.
- RISK CATEGORY: II
- SNOW:

GROUND SNOW	20 PSF
SNOW EXPOSURE FACTOR	0.9
THERMAL FACTOR	1.0
IMPORTANCE FACTOR	1.0
FLAT-ROOF SNOW	20 PSF
RAIN-ON-SNOW SURCHARGE	5 PSF
DESIGN SNOW	25 PSF
- SEISMIC:

SEISMIC DESIGN CATEGORY	B
IMPORTANCE FACTOR	1.0
SITE CLASS	D (ASSUMED)
S1	0.096 g
S1	0.065 g
SDS	.102 g
SD1	.104 g

SEISMIC FORCE RESISTING SYSTEM			
RESPONSE MODIFICATION COEFFICIENT, R	2.0		
Cd	2.0		
Co	2.5		
?	1.0		
ANALYSIS PROCEDURE	EQUVALENT LATERAL FORCE		
SEISMIC RESPONSE COEFFICIENT, CS	0.051		
DESIGN BASE SHEAR (STRENGTH LEVEL)	0.051 x W KIPS		
WIND:			
BASIC WIND SPEED	VULT = 108 MPH VASD = 94 MPH		
EXPOSURE CLASS	B		
INTERNAL PRESSURE COEFFICIENT, GCpi	±0.18		
MAIN WIND FORCE PRESSURE (STRENGTH LEVEL)	17 PSF		
COMPONENTS & CLADDING:			
ROOF COMPONENTS	ZONE 1	ZONE 2	ZONE 3
SUPPORT BEAMS (A=100 SF)	-23.1 PSF	-30.7 PSF	-36.5 PSF
ROOF SHEATHING (A=50 SF)	-26.5 PSF	-34.9 PSF	-45.0
DECK FASTENERS (A=10 SF)	-29.6 PSF	-39.0 PSF	-53.2 PSF
WALL COMPONENTS	ZONE 4	ZONE 5	
A=200 SF	-16.0 PSF	-16.2 PSF	
A=50 SF	-16.7 PSF	-19.2 PSF	
A=20 SF	-18.4 PSF	-22.7 PSF	

- C & C NOTES:
 - THE PRESSURES LISTED ARE IN ACCORDANCE IBC AND ASCE 7, AND THE DESIGN FORCES USED BY THE SUBCONTRACTOR FOR A SPECIFIC APPLICATION ARE THE RESPONSIBILITY OF THE SUBCONTRACTOR.
 - WIND PRESSURES ARE THE ULTIMATE DESIGN LEVEL.
 - SEE ASCE 7 FOR ZONE DEFINITIONS AND EXTENT OF ZONES.
 - SUBMIT DESIGN CALCULATIONS SIGNED AND SEALED BY A LICENSED ENGINEER IN THE PROJECT'S JURISDICTION FOR ANY DESIRED MODIFICATION TO THE STATED PRESSURES.
- ALL LATERAL LOAD RESISTANCE AND STABILITY OF THE BUILDING IN THE COMPLETED STRUCTURE IS PROVIDED BY LIGHT FRAMED WALLS WITH SHEAR PANELS IN EACH ORTHOGONAL DIRECTION. SEE PLANS FOR LOCATIONS. THE ROOF SHEATHING SERVES AS LATERAL DIAPHRAGMS DISTRIBUTING THE LATERAL FORCES TO THE VERTICAL LATERAL ELEMENTS WHICH IN TURN CARRY THE LOAD TO THE BUILDING FOUNDATIONS.

GENERAL

- DURING THE CONSTRUCTION PERIOD, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF PERSONNEL AND PROPERTY ON AND AROUND THE JOBSITE. THE CONTRACTOR SHALL PROVIDE ADEQUATE SHORING, BRACING, GUYS, ETC. IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL SAFETY ORDINANCES. TEMPORARY BRACING, SHORING, AND GUYS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- ALL DRAWINGS AND SPECIFICATIONS ARE CONSIDERED TO BE A PART OF THE CONTRACT DOCUMENTS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES OR OMISSIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION SO A CLARIFICATION CAN BE ISSUED. ANY WORK THAT DEVIATES FROM OR IS PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY OTHER REQUIREMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR OWN EXPENSE AND AT NO EXPENSE TO THE OWNER OR THE DESIGN PROFESSIONALS.
- IF THE CONTRACT DOCUMENTS REPRESENT THE FINISHED STRUCTURE, THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ALLOWABLE CONSTRUCTION LOADS AND FOR DETERMINING SEQUENCES OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE AND SAFETY OF WORKERS DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO: FALSEWORK, FORMWORK, STAGING, BRACING, AND SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. OBSERVER VISITS TO THE SITE BY THE ARCHITECT SHALL NOT INCLUDE INSPECTION OR APPROVAL OF THE ABOVE ITEMS AND DO NOT IN ANY WAY RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITIES FOR THE ABOVE. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN AND ENSURE THE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF CONSTRUCTION.
- ALL DIMENSIONS AND SITE CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE JOBSITE PRIOR TO BID SUBMITTAL. START OF SHOP DRAWINGS, START OF CONSTRUCTION, AND/OR FABRICATION OF MATERIALS. IF DISCREPANCIES ARE ENCOUNTERED, OR CONDITIONS DEVELOP THAT ARE NOT SHOWN ON THE CONTRACT DOCUMENTS, THE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION.
- STRUCTURAL SUBSTITUTIONS MAY BE ALLOWED WITH THE APPROVAL OF THE STRUCTURAL ENGINEER. SUPPLIER SHALL PROVIDE SIGNED AND SEALED DESIGN CALCULATIONS OR SUITABLE PRODUCT LITERATURE FOR THE COMPONENTS. ALL PRODUCT SUBSTITUTIONS SHALL INCLUDE A COST EVALUATION REPORT SPECIFIC TO THE BUILDING CODE LISTED IN THE DESIGN CRITERIA.
- STRUCTURAL DESIGN REQUIREMENTS AND DIMENSIONS FOR STRUCTURAL INTEGRITY BUT DO NOT SHOW ALL DETAIL DIMENSIONS TO FIT INTRICATE ARCHITECTURAL AND MECHANICAL DETAILS. CONTRACTOR SHALL CONSTRUCT THE WORK SO IT WILL CONFORM TO THE DIMENSIONS REQUIRED BY ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DESIGN.
- ALL SYMBOLS AND ABBREVIATIONS USED ON THE DRAWINGS ARE CONSIDERED TO BE CONSTRUCTION STANDARDS. IF CLARIFICATION IS REQUIRED, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
- DO NOT SCALE DRAWINGS. PRINTED DIMENSIONS HAVE PRECEDENCE OVER SCALED DRAWINGS AND LARGE-SCALE OVER SMALL-SCALE DRAWINGS. CONTRACTOR TO DETERMINE FINAL DIMENSION WITH ARCHITECT.
- TYPICAL DETAILS SHALL APPLY TO SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY REFERENCED. WHERE NO DETAILS ARE GIVEN, CONSTRUCTION SHALL BE AS SHOWN ON THE STRUCTURAL DRAWINGS. FOR THESE SEE ARCHITECTURAL, ELECTRICAL, AND MECHANICAL DRAWINGS FOR DETAILS, CONDITIONS, PITS, TRENCHES, PADS, DEPRESSIONS, ROOF / FLOOR OPENINGS, TOP OF WALL ELEVATIONS, STAIRS, SLEEVES, ITEMS TO BE EMBEDDED OR ATTACHED TO STRUCTURAL ELEMENTS, ETC., NOT SHOWN ON THE STRUCTURAL DRAWINGS. FOR THESE NON-STRUCTURAL ELEMENTS SHOWN ON STRUCTURAL DRAWINGS, THEY ARE FOR GENERAL INFORMATION ONLY.
- COORDINATE FLOOR FINISH INCLUDING, BUT NOT LIMITED TO THE "FLATNESS" AND "LEVELNESS" REQUIREMENTS, WITH THE FLOOR FINISH CONTRACTOR. PROVIDE UNDERLAYMENT / TOPPING WHERE REQUIRED TO PROVIDE A SURFACE ACCEPTABLE FOR INSTALLATION OF FLOOR FINISHES. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- ESTABLISH AND VERIFY ALL OPENINGS AND INSERTS FOR MECHANICAL, ELECTRICAL, AND PLUMBING WITH APPROVED PRODUCT MANUFACTURERS. OPENING SIZES AND LOCATIONS SHOWN FOR DUCTS, PIPE, INSERTS, AND OTHER PENETRATIONS WHICH SHOWN ARE FOR GENERAL INFORMATION ONLY AND SHALL BE VERIFIED PRIOR TO FORMING.

- PROVIDE TEMPORARY BLOCKOUTS AND TEMPORARY OPENINGS IN THE STRUCTURE AS REQUIRED TO PERMIT INSTALLATION OF ALL WORK, BLOCKOUTS AND TEMPORARY OPENINGS SHALL BE LOCATED, CONFIGURED, DETAILED, AND INFILLED IN A MANNER THAT ALTERS NEITHER THE STRENGTH OF THE STRUCTURAL FRAMING NOR THE STRENGTH OF CONNECTIONS. INFILL ALL BLOCKOUTS AND TEMPORARY OPENINGS USING THE MATERIALS SPECIFIED FOR THE FRAMING AT THE LOCATIONS WHERE THE BLOCKOUTS AND OPENINGS OCCUR. PROVIDE DRAWINGS INDICATING THE LOCATIONS, DIMENSIONS, AND DETAILS OF ALL PROPOSED BLOCKOUTS AND OPENINGS AND DETAILS INDICATING THE MANNER IN WHICH THE BLOCKOUTS AND OPENINGS WILL BE INFILLED.
- NO HOLES, NOTCHES, BLOCK-OUTS, ETC. ARE ALLOWED IN STRUCTURAL ELEMENTS UNLESS SPECIFICALLY SHOWN ON THE STRUCTURAL DRAWINGS OR APPROVED BY THE STRUCTURAL ENGINEER.
- BEFORE SUBMITTING A PROPOSAL FOR THIS WORK, CONTRACTOR SHALL VISIT THE PREMISES AND BE FULLY AWARE OF THE DESIGN FIELD CONDITIONS. TEMPORARY CONSTRUCTION REQUIRED, QUANTITIES AND TYPE OF EQUIPMENT, ETC. THE PROPOSAL SHALL INCLUDE ALL SUMS REQUIRED TO DO THE WORK.
- ELEMENTS SUCH AS NON-BEARING PARTITIONS, ETC. ATTACHED TO AND/OR SUPPORTED BY THE STRUCTURE SHALL TAKE INTO ACCOUNT DEFLECTIONS AND OTHER STRUCTURAL MOVEMENTS. THE STRUCTURAL FRAMING WAS DESIGNED TO LIMIT DRIFT AND DEFLECTION OF THE STRUCTURAL SYSTEM TO LESS THAN THE MAXIMUM PERMITTED DEFLECTIONS LISTED IN THE BUILDING CODE. THE CONTRACTOR SHALL COORDINATE THE WORK OF OTHER TRADES TO ACCOMMODATE THESE DEFLECTIONS AND TO ACCOMMODATE CONSTRUCTION TOLERANCES.
- TOPS OF ALL WALLS SHALL BE CONNECTED TO THE UNDERSIDE OF THE STRUCTURAL FRAMING PER DETAILS PROVIDED ON THE STRUCTURAL DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF SUCH WALLS.

SUBMITTALS

- SUBMITTALS ARE:
 - CONCRETE MIX DESIGNS
 - MATERIAL PRODUCTION DATA FOR STRUCTURAL MATERIALS
 - CONCRETE REINFORCING
 - PREFABRICATED WOOD TRUSSES
 - COLD FORM STEEL MANUFACTURER'S NOTATIONS MADE BY THE DESIGN PROFESSIONALS ON THE SHOP DRAWINGS DO NOT RELIEVE THE CONTRACTOR FROM COMPLYING WITH THE REQUIREMENTS OF THE DRAWINGS.
- FOR ADDITIONAL INFORMATION ON REQUIRED SUBMITTALS, SEE INDIVIDUAL MATERIAL SECTIONS.

DELEGATED DESIGN

- DELEGATED DESIGNS PER SECTION 107.3.4.1 SHALL BE SUBMITTED TO THE BUILDING OFFICIAL AND THE DESIGN PROFESSIONALS AND REVIEWED PRIOR TO INSTALLATION.
- DELEGATED DESIGNS ARE:
 - PREFABRICATED TRUSSES
 - HANDRAILS, STAIRWELLS, AND GRATING
- ALL DELEGATED DESIGNS SHALL BE SIGNED AND SEALED BY AN ENGINEER LICENSED IN THE PROJECT'S JURISDICTION RESPONSIBLE FOR THE PREPARATION OF THESE DOCUMENTS.

EARTHWORK

- FOUNDATION DESIGN IS IN ACCORDANCE WITH THE BUILDING CODE ALLOWABLE BEARING PRESSURES. NO NEW GEOTECHNICAL REPORT HAS BEEN PROVIDED BY THE OWNER FOR THIS PROJECT.
- SOIL PROPERTIES:

FROST DEPTH	-3'-6" FT (HEATED)
COEFFICIENT OF FRICTION	0.3
EQUIVALENT FLUID PRESSURES:	
ACTIVE	60 PSF/FT (DRAINED)
AT REST	100 PSF/FT (DRAINED)
- A GEOTECHNICAL ENGINEER SHALL BE EMPLOYED TO VERIFY THAT THE PRESUMED ALLOWABLE BEARING PRESSURE WILL BE ACHIEVED PRIOR TO CONSTRUCTION, THAT ENGINEER SHALL DEVELOP AND ENSURE IMPLEMENTATION OF A SITE SUBGRADE PREPARATION PROGRAM AS REQUIRED TO ACHIEVE THE PRESUMED SOIL BEARING PRESSURE. FOOTING AND SLAB-ON-GRADE SUBGRADE PREPARATION SHALL BE IN COMPLIANCE WITH THE APPLICABLE REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION.
- ANY TESTS, INSPECTIONS, FIELD OBSERVATIONS, OR APPROVAL FROM THE GEOTECHNICAL ENGINEER SHALL BE PERFORMED PRIOR TO THE PLACEMENT OF CONCRETE. ALTERATIONS TO SITE PREPARATION OR GRADING SHALL BE REPORTED TO THE GEOTECHNICAL ENGINEER PRIOR TO CONSTRUCTION.
- PROPERTY LINE LOCATIONS INDICATED ON FOUNDATION PLANS ARE APPROXIMATE. SEE ARCHITECTURAL AND/OR SITE DRAWINGS FOR LOCATION OF THE STRUCTURE ON THE SITE.
- ALL EXCAVATIONS SHALL BE PROPERLY AND SAFELY BACKFILLED. CONTRACTOR SHALL BRACE OR PROTECT ALL WALLS BELOW GRADE FROM LATERAL LOADS UNTIL SUPPORTING FILL IS IN PLACE. BACKFILL SHALL BE COMPACTED TO THE DESIGN STRENGTH. MINIMUM BACKFILL IS NOT PERMITTED FOR FOUNDATION WALLS UNTIL SUPPORTED SLAB TOP AND BOTTOM ARE IN PLACE OR THE WALL IS ADEQUATELY BRACED TO RESIST LATERAL LOADS.
- CONTRACTOR SHALL PROVIDE DE-WATERING OF EXCAVATIONS FROM SURFACE WATER, GROUNDWATER, OR SEEPAGE. DETAILS OF GROUNDWATER INFORMATION SHALL BE OBTAINED FROM THE GEOTECHNICAL REPORT. IF GROUNDWATER IS ENCOUNTERED DURING EXCAVATION, PROCEDURES SHALL BE IMPLEMENTED AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.
- PROVIDE SHORING WHERE THERE IS INSUFFICIENT SPACE FOR STABLE-SLOPED EMBANKMENTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL CRIBBING, SHEETING, SHORING, ETC. REQUIRED FOR CONSTRUCTION OF THE PROJECT AND SHALL BE SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING BRACING, SHORING, AND GUYS. CONTRACTOR SHALL SUBMIT DESIGN CALCULATIONS AND SHOP DRAWINGS SIGNED AND SEALED BY AN ENGINEER LICENSED IN THE PROJECT'S JURISDICTION.
- CONTRACTOR SHALL INVESTIGATE SITE DURING CLEARING AND EARTHWORK OPERATIONS FOR FILL MATERIAL OR BURIED STRUCTURES SUCH AS CESSPOOLS, CISTERNS, AND FOUNDATIONS. IF ANY SUCH MATERIAL OR STRUCTURES ARE FOUND, ARCHITECT SHALL BE NOTIFIED IMMEDIATELY.
- ANY REQUIRED IMPORT FILL SHALL HAVE A LOW POTENTIAL FOR EXPANSION AND SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO IMPORTING.
- UTILITY LINES SHALL NOT BE PLACED THROUGH OR BELOW FOUNDATIONS WITHOUT THE STRUCTURAL ENGINEER'S APPROVAL. BELOW GRADE UTILITY OR PIPE ELEVATIONS, WHERE SHOWN, ARE INDICATED FOR REFERENCE ONLY. REQUIRED ELEVATIONS SHALL BE DETERMINED BY OTHERS AND COORDINATED WITH THE FOUNDATIONS.
- WHERE GRADE ELEVATIONS ARE APPROXIMATELY EQUAL ON BOTH SIDES OF WALLS, BACKFILL SHALL BE PLACED SO THAT IT IS NOT UNBALANCED BY MORE THAN 2 FEET ON EITHER SIDE.
- ALL REQUIRED BACKFILL AND UTILITY TRENCH BACKFILL WITHIN THE BUILDING AREA SHALL BE COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER.

SHALLOW FOUNDATIONS

- FOUNDATION DESIGN IS IN ACCORDANCE WITH THE BUILDING CODE ALLOWABLE BEARING PRESSURES.

LOCATION	Fc AT 28 DAYS (PSI)	MAX PERMITTED W/C	EXPOSURE CLASS
ALL FOUNDATION CONCRETE UON	4000	0.45	F1,S0,W0,C1
SLAB-ON-GRADE UON	3000	0.55	F1,S0,W0,C1
- REQUIRED NOMINAL MAXIMUM COARSE AGGREGATE SIZE:

CONCRETE ELEMENT	REQUIRED NOMINAL MAXIMUM COARSE AGGREGATE SIZE*
ALL CONCRETE UON	1"

* SMALLER NOMINAL MAXIMUM COARSE AGGREGATE SIZE SHALL BE USED WHERE REQUIRED PER ACI 318.
- ALL FOUNDATION ELEMENTS SHALL BE CENTERED UNDER WALLS, PIERS, OR COLUMNS UON.
- "ROUGH JOINTS" ARE JOINTS ROUGHENED TO AN AMPLITUDE OF 1/4" AND FREE AND CLEAN OF LAITANCE. PROVIDE ROUGH JOINTS AT ALL CONSTRUCTION JOINTS UON.
- CONTRACTOR SHALL SUBMIT PROPOSED LOCATIONS OF ALL CONSTRUCTION JOINTS WHERE JOINTS ARE NOT SHOWN ON THE DRAWINGS.
- PROPOSED CONSTRUCTION JOINT LOCATIONS SHALL BE SHOWN ON REINFORCING STEEL PLACING DRAWINGS. ANY STOP IN CONCRETE WORK MUST BE MADE WITH VERTICAL BULKHEADS AND HORIZONTAL KEYS UON. ALL REINFORCING TO BE CONTINUOUS THROUGH JOINTS UON.
- PROVIDE TEMPLATES TO SET EMBEDDED ITEMS.
- SLOPE SLABS TO DRAINS. SEE ARCHITECTURAL AND MEP DRAWINGS FOR DRAIN LOCATIONS AND SLOPE REQUIREMENTS. SLAB THICKNESSES SHOWN ON DRAWINGS ARE MINIMUM.
- NO LOADS SHALL BE PLACED ON STRUCTURAL CONCRETE SLABS ON DECK WITHIN 7 DAYS AFTER CONCRETE IS PLACED.
- NOTIFY THE ARCHITECT 48 HOURS MINIMUM PRIOR TO ALL POURS.
- CONTRACTOR SHALL SURVEY ALL CONCRETE WORK WITHIN 48 HOURS OF PLACING CONCRETE TO ENSURE PLACEMENT IS IN ACCORDANCE WITH PROJECT REQUIREMENTS.

REINFORCING STEEL

- ALL REINFORCING STEEL SHALL BE DETAILLED AND PLACED IN CONFORMANCE WITH ACI 318, "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE," AND ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE" UON.
- CONCRETE REINFORCING STEEL SHALL CONFORM TO THE FOLLOWING STANDARDS:

REINFORCING STEEL UON	ASTM A615, GR 60	Fy#60 KSI
WELDED WIRE REINFORCING	ASTM A1004	Fy#65 KSI
- CONCRETE EXPOSURE MEMBER REINFORCEMENT COVER (IN)

CAST AGAINST AND PERMANENTLY IN CONTACT WITH GROUND	ALL	ALL	3
EXPOSED TO WEATHER OR IN CONTACT WITH GROUND	ALL	#6 TO #18	2
		#5 AND SMALLER	1 1/2
OTHER	BOUNDARY ELEMENTS	ALL	1 1/2

ITEM FOR WHICH TOLERANCE IS BEING MEASURED	PERMITTED TOLERANCE
CONCRETE COVER FOR SLAB TOP AND BOTTOM BARS	±1/4"
COVER FOR OTHER REINFORCING STEEL	±3/8"
HORIZONTAL DEVIATION FROM SPECIFIED LOCATION UON	±3"
LOCATION OF ENDS OF BARS PERPENDICULAR TO SLAB EDGES	±1"

- THE ABOVE LIST OF PERMITTED TOLERANCES SHALL BE PROVIDED ON ALL REINFORCING STEEL PLACING DRAWINGS. PLACING DRAWINGS THAT DO NOT PROVIDE THIS LIST OF TOLERANCES WILL BE REJECTED.
- FIELD BENDING OF REINFORCING STEEL IS NOT PERMITTED UON.
- ALL WELDED WIRE REINFORCING SHALL BE LAP SPLICED 2 PANELS (1'-0" MIN).
- SPLICING:
 - SPLICES IN REINFORCING STEEL SHALL BE MADE ONLY AT THOSE LOCATIONS WHERE SPLICING IS SHOWN ON THE STRUCTURAL DRAWINGS AND AT THOSE LOCATIONS WHERE SPLICING HAS BEEN DETAILED ON THE REINFORCING STEEL PLACING DRAWINGS THAT HAVE BEEN REVIEWED AND APPROVED BY THE STRUCTURAL ENGINEER. ALL SPLICING SHALL BE CLASS B TENSION LAP SPLICES UON.
 - MECHANICAL SPlice COUPLERS MAY BE USED INSTEAD OF TENSION LAP SPLICES AT THE CONTRACTOR'S OPTION AT ANY LOCATION. MECHANICAL SPlice COUPLERS MUST BE USED WHERE SPLICING #14 AND LARGER BARS, INCLUDING WHERE SPLICING #14 AND LARGER BARS TO #11 AND SMALLER BARS. STAGGER MECHANICAL SPLICES IN ADJACENT BARS 30" MINIMUM.
- ALL HOOKS SHALL BE STANDARD HOOKS OR STANDARD STIRRUP HOOKS UON. STANDARD STIRRUP HOOKS SHALL HAVE CONTINUOUS BAR AT INSIDE CORNER OF HOOK.
- VERTICAL REINFORCING STEEL IN CONCRETE WALLS WITH ONE LAYER OF REINFORCING BARS SHALL BE INSTALLED IN THE CENTER OF THE WALL UON.
- DOWELS SHALL MATCH GRADE, SIZE, SPACING, AND QUANTITY OF LAPPED REINFORCING UON. EXTEND ALL DOWELS FOR FULL DEPTH OF SUPPORTING ELEMENT AND PROVIDE HOOKS UON. DOWELS SHALL NOT BE POST-INSTALLED INTO FRESH CONCRETE.
- FIELD CUTTING OF REINFORCING STEEL IS PROHIBITED UNLESS INDICATED ON THE REINFORCING PLACING DRAWINGS.
- HEATING OF BARS FOR BENDING IS PROHIBITED.
- REINFORCING STEEL PLACING DRAWINGS SHALL BE PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF ACI 315. THE PLACING DRAWINGS SHALL SHOW ALL INFORMATION NECESSARY TO FABRICATE AND PLACE THE REINFORCING STEEL.
- REINFORCING STEEL DRAWINGS ARE CENTER-TO-CENTER DIMENSIONS UON. REINFORCING STEEL SHOWN IN SECTION PERPENDICULAR TO THE CUT ARE CONTINUOUS UON.
- THE SPACING OF ALL REINFORCING STEEL MUST BE COMPUTED BY THE REINFORCING STEEL DETAILER AND MUST BE INDICATED ON THE PLACING DRAWINGS. EXTENT ARROWS MUST BE USED TO CLEARLY INDICATE THE LOCATIONS WHERE GROUPS OF REINFORCING BARS ARE TO BE INSTALLED.

CAST-IN-PLACE CONCRETE

- CONCRETE MATERIALS SHALL CONFORM TO:

PORTLAND LIMESTONE CEMENT	ASTM C595, TYPE I
PORTLAND CEMENT	ASTM C150, TYPE I
FLY ASH	ASTM C618, TYPE C OR F
SLAG CEMENT	ASTM C698
FINE AND COARSE AGGREGATE	ASTM C339
WATER	POTABLE
AIR-ENTRAINING ADMIXTURE	ASTM A792, GR 40
WATER REDUCING ADMIXTURE	ASTM C494
- ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, AND ACI 301, SPECIFICATIONS FOR STRUCTURAL CONCRETE UON.
- AIR ENTRAINMENT:

NOMINAL MAXIMUM AGGREGATE SIZE	F1	F2
3/8"	6%	7.5%
1/2"	5.5%	7%
3/4"	5%	6%
1"	4.5%	6%

- CONCRETE SHALL BE AIR ENTRAINMENT WITH THE APPROPRIATE PERCENTAGE AIR CONTENT LISTED IN THE TABLE ABOVE AS APPLICABLE FOR THE INDICATED EXPOSURE CLASS AND NOMINAL MAXIMUM AGGREGATE SIZE IN THE CONCRETE MIX. THE REQUIRED AIR CONTENT VALUE MAY BE REDUCED BY 1% FOR ALL CONCRETE WITH COMPRESSIVE STRENGTH GREATER THAN 5000 PSI. THE PERMITTED TOLERANCE ON THE REQUIRED AIR CONTENT IS ±1.5%.
- ALL LIGHTWEIGHT CONCRETE SHALL HAVE 4-7% AIR ENTRAINMENT.
- AIR ENTRAINMENT SHALL CONFORM TO UO RATING REQUIREMENTS FOR FIRE RESISTANCE.
- CONCRETE STRENGTHS SHALL CONFORM TO:

LOCATION	Fc AT 28 DAYS (PSI)	MAX PERMITTED W/C	EXPOSURE CLASS
ALL FOUNDATION CONCRETE UON	4000	0.45	F1,S0,W0,C1
SLAB-ON-GRADE UON	3000	0.55	F1,S0,W0,C1

- REQUIRED NOMINAL MAXIMUM COARSE AGGREGATE SIZE:

CONCRETE ELEMENT	REQUIRED NOMINAL MAXIMUM COARSE AGGREGATE SIZE*
ALL CONCRETE UON	1"

* SMALLER NOMINAL MAXIMUM COARSE AGGREGATE SIZE SHALL BE USED WHERE REQUIRED PER ACI 318.
- ALL FOUNDATION ELEMENTS SHALL BE CENTERED UNDER WALLS, PIERS, OR COLUMNS UON.
- "ROUGH JOINTS" ARE JOINTS ROUGHENED TO AN AMPLITUDE OF 1/4" AND FREE AND CLEAN OF LAITANCE. PROVIDE ROUGH JOINTS AT ALL CONSTRUCTION JOINTS UON.
- CONTRACTOR SHALL SUBMIT PROPOSED LOCATIONS OF ALL CONSTRUCTION JOINTS WHERE JOINTS ARE NOT SHOWN ON THE DRAWINGS.
- PROPOSED CONSTRUCTION JOINT LOCATIONS SHALL BE SHOWN ON REINFORCING STEEL PLACING DRAWINGS. ANY STOP IN CONCRETE WORK MUST BE MADE WITH VERTICAL BULKHEADS AND HORIZONTAL KEYS UON. ALL REINFORCING TO BE CONTINUOUS THROUGH JOINTS UON.
- PROVIDE TEMPLATES TO SET EMBEDDED ITEMS.
- SLOPE SLABS TO DRAINS. SEE ARCHITECTURAL AND MEP DRAWINGS FOR DRAIN LOCATIONS AND SLOPE REQUIREMENTS. SLAB THICKNESSES SHOWN ON DRAWINGS ARE MINIMUM.
- NO LOADS SHALL BE PLACED ON STRUCTURAL CONCRETE SLABS ON DECK WITHIN 7 DAYS AFTER CONCRETE IS PLACED.
- NOTIFY THE ARCHITECT 48 HOURS MINIMUM PRIOR TO ALL POURS.
- CONTRACTOR SHALL SURVEY ALL CONCRETE WORK WITHIN 48 HOURS OF PLACING CONCRETE TO ENSURE PLACEMENT IS IN ACCORDANCE WITH PROJECT REQUIREMENTS.

- ALL FORMWORK, SHORING, AND RESHORING SHALL BE DESIGNED BY THE CONTRACTOR'S ENGINEER LICENSED IN THE PROJECT'S JURISDICTION. ALL SUBMISSIONS SHALL BE SIGNED AND SEALED.
- CORING OF CONCRETE IS NOT PERMITTED UNLESS APPROVED BY THE STRUCTURAL ENGINEER. SUBMIT LOCATIONS OF PROPOSED CONCRETE CORES.
- REINFORCING STEEL SHALL NOT BE DAMAGED WHEN DRILLING CONCRETE.
- ADHERE TO ACI 308R AND ACI 308R FOR HOT AND COLD WEATHER CONCRETE CONSTRUCTION.
- BRICKBACK AND GROUT SHALL HAVE A MINIMUM 28-DAY STRENGTH OF 7000 PSI.
- THE PROPOSED MATERIALS AND MIX DESIGN SHALL BE FULLY DOCUMENTED AND REVIEWED BY THE TESTING AND INSPECTION AGENCY. RESPONSIBILITY FOR OBTAINING THE REQUIRED DESIGN STRENGTH OF THE CONTRACTORS. SUBMIT TEST DATA ON EACH PROPOSED MIX FOR REVIEW IN ACCORDANCE WITH THE APPLICABLE CODE. MIX DESIGNS SUBMITTED WITHOUT THE REQUIRED TEST DATA WILL BE RETURNED WITHOUT REVIEW.
- SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS, LOCATIONS, AND DETAILS OF ALL ARCHITECTURAL FEATURES IN THE CONCRETE. SEE ARCHITECTURAL DRAWINGS AND PROJECT SPECIFICATIONS FOR REQUIREMENTS FOR ALL CONCRETE FINISHES.

LINTELS

- PROVIDE LINTELS OVER ALL OPENINGS AND RECESSES IN MASONRY CONSTRUCTION. LINTELS ARE NOT REQUIRED OVER OPENINGS 12" OR LESS IN WIDTH THAT ARE AT LEAST 1 COURSE BELOW THE BOND BEAM AT THE TOP OF WALL.
- PENETRATIONS NOT IDENTIFIED ON THE DOCUMENTS ARE TO BE TREATED IN A MANNER SIMILAR TO THE IDENTIFIED LOCATIONS.
- LINTELS IN NON-BEARING WALLS AND CLADDING SHALL BE SIZED PER THE FOLLOWING:

SPAN L	4" CLADDING
0' < L = 4'-0"	L4x4x1/4
4'-0" < L = 6'-0"	L6x4x5/16 (LLV)
6'-0" < L = 8'-0"	L7x4x3/8 (LLV)
- ALL STEEL LINTELS SHALL HAVE A MINIMUM OF 8" END BEARING AND DO NOT REQUIRE BEARING PLATES UON.
- ALL STEEL LINTELS IN EXTERIOR WALL CONSTRUCTION SHALL BE HOT-DIP GALVANIZED UON.

COLD-FORMED STEEL (CFS)

- ALL COLD-FORMED STEEL FRAMING AND CONNECTIONS SHALL CONFORM TO THE AISI SPECIFICATION FOR THE DESIGN OF COLD-FORMED STRUCTURAL METALS, ANSI S100.
- THE STRUCTURAL DRAWINGS DO NOT REFLECT THE ENTIRE SCOPE OF WORK REQUIRED FOR COLD-FORMED STEEL FRAMING AND CONNECTIONS. COLD-FORMED STEEL FRAMING SHALL BE PROVIDED FOR AND COORDINATED WITH ARCHITECTURAL, MEP, AND OTHER DRAWINGS.
- SSMA MEMBER DESIGNATIONS ARE SPECIFIED ON THE CONTRACT DOCUMENTS UON. WHERE SPECIFIC MANUFACTURERS ARE SPECIFIED AND PROPRIETARY FRAMING DESIGNATIONS INDICATED, FRAMING BY OTHER MANUFACTURERS MAY BE USED PROVIDED THOSE FRAMING MEMBERS HAVE DIMENSIONS EQUIVALENT TO THE SPECIFIED FRAMING AND ENGINEERING PROPERTIES EQUIVALENT TO OR GREATER THAN THE SPECIFIED FRAMING. SUCH PROPOSED SUBSTITUTIONS ARE PERMITTED ONLY IF APPROVED IN WRITING BY THE DESIGN PROFESSIONALS.
- STRUCTURAL COLD-FORMED STEEL IS DEFINED AS THE FOLLOWING:
 - ANY COLD-FORMED STEEL THICKER THAN 20GA (0.03 MIL).
 - THE EXTERIOR COLD-FORMED FRAMING AND CONNECTIONS.
 - ANY LOAD-BEARING MEMBER.
 - ANY MEMBER CALLED OUT AND SPECIFIED IN THE STRUCTURAL DRAWINGS.
 - ALL OTHER COLD-FORMED STEEL IS NON-STRUCTURAL AND NOT A PART OF THE STRUCTURAL PACKAGE.
- STRUCTURAL COLD-FORMED STEEL (ROLLED SECTIONS, CONNECTION MATERIAL, AND STIFFENER PLATES) SHALL CONFORM TO THE FOLLOWING STANDARDS:

18GA (43 MIL) AND THINNER	ASTM A653, GR 33	Fy=33 KSI
16GA (54 MIL) AND THICKER	ASTM A653, GR 50	Fy=50 KSI
- CONNECTION MATERIAL > 3/16"

CONNECTION MATERIAL > 3/16"	ASTM A36	Fy=36 KSI
-----------------------------	----------	-----------
- HOT-DIP COATING

HOT-DIP COATING	ASTM A924, G60
-----------------	----------------
- ELECTRO-PLATE COATING

ELECTRO-PLATE COATING	ASTM A591
-----------------------	-----------
- ALUMINUM-ZINC COATING

ALUMINUM-ZINC COATING	ASTM A792, GR 40
-----------------------	------------------
- ELECTRODES FOR ARC WELDING

ELECTRODES FOR ARC WELDING	AWS E1.60XX
----------------------------	-------------

- COLD-FORMED STEEL COMPONENTS SHALL BE CUT SQUARELY FOR ATTACHMENT TO PERPENDICULAR MEMBERS OR AS REQUIRED FOR A FULL ANGULAR FIT AGAINST ATTACHED MEMBERS. MEMBERS SHALL BE SECURED IN PLACE UNTIL PROPERLY ATTACHED.
- CUTOUTS, HOLES, OR NOTCHES ARE NOT PERMITTED IN COLD-FORMED STEEL ROOF AND FLOOR JOISTS, HEADERS, OR BEAMS WITHOUT PRIOR WRITTEN APPROVAL OF EITHER THE STRUCTURAL ENGINEER OR THE COLD-FORMED STEEL ENGINEER. ROUTE MEP SYSTEMS THROUGH FACTORY PUNCHED HOLES.
- SCREW CONNECTIONS:
 - SCREWS LARGER THAN SPECIFIED MAY BE USED, PROVIDED THE MINIMUM SPACING AND EDGE DISTANCE REQUIREMENTS ARE MET.
 - SCREWS SHALL BE FULLY DRIVEN AND HAVE A MINIMUM PENETRATION OF THREE THREADS THROUGH THE LAST MATERIAL JOINED.
 - SCREWS SHALL HAVE PROTECTIVE COATING TO COMPLY WITH THE RECOGNIZED DESIGN STANDARD FOR THE PROJECT ENVIRONMENTAL CONDITIONS.
- CUTTING OF COLD-FORMED STEEL MEMBERS SHALL BE ACCOMPLISHED WITH A SAW OR SHEARS. TORCH CUTTING OF SUCH MEMBERS IS NOT PERMITTED. THE CUTTING OF ANY LOAD BEARING MEMBER IS PROHIBITED.
- ALL WELDS SHALL COMPLY WITH THE REQUIREMENTS OF THE NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS, AISI S100, AND THE STRUCTURAL WELDING CODE - SHEET STEEL, AWS D1.3.
- TOUCH UP ALL WELDS WITH ZINC RICH PAINT.
- FOR AXIAL LOAD BEARING CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE TO ENSURE ADEQUATE BRACING IS IN PLACE UNTIL SHEATHING IS PROPERLY ATTACHED TO BOTH STUD FLANGES.
- W

CONTINUOUS FOOTING SCHEDULE					
MARK	WIDTH	DEPTH	REINFORCING		REMARKS
			LONG DIRECTION	SHORT DIRECTION	
CF3.0	3'-0"	1'-0"	(3) #5	-	
CF4.0	4'-0"	1'-0"	(4) #5	#5 @ 14" OC	

FOUNDATION WALL REINFORCING SCHEDULE					
WALL THICKNESS	HORIZONTAL		VERTICAL		REMARKS
	EXTERIOR FACE	INTERIOR FACE	EXTERIOR FACE	INTERIOR FACE	
0" TO 10"	#5 @ 18" OC	-	#5 @ 12" OC	-	SEE NOTE 1
1'-0" TO 1'-4"	#5 @ 12" OC	#5 @ 12" OC	#5 @ 12" OC	#5 @ 12" OC	-

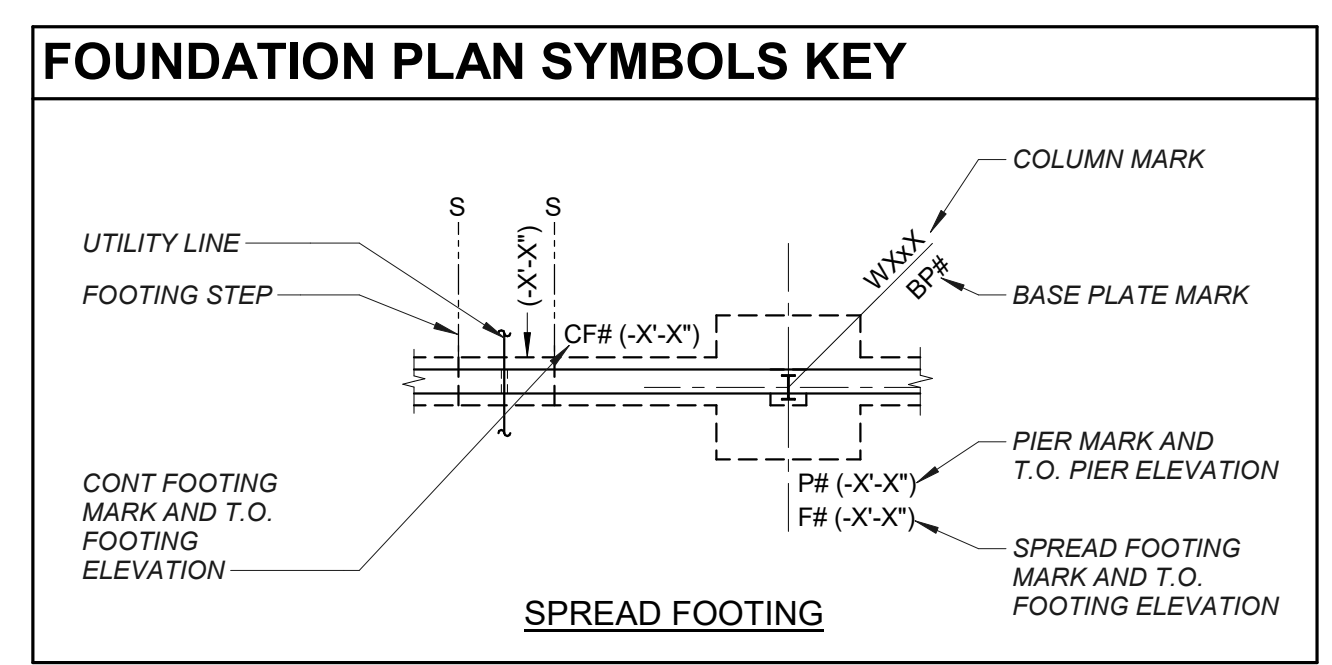
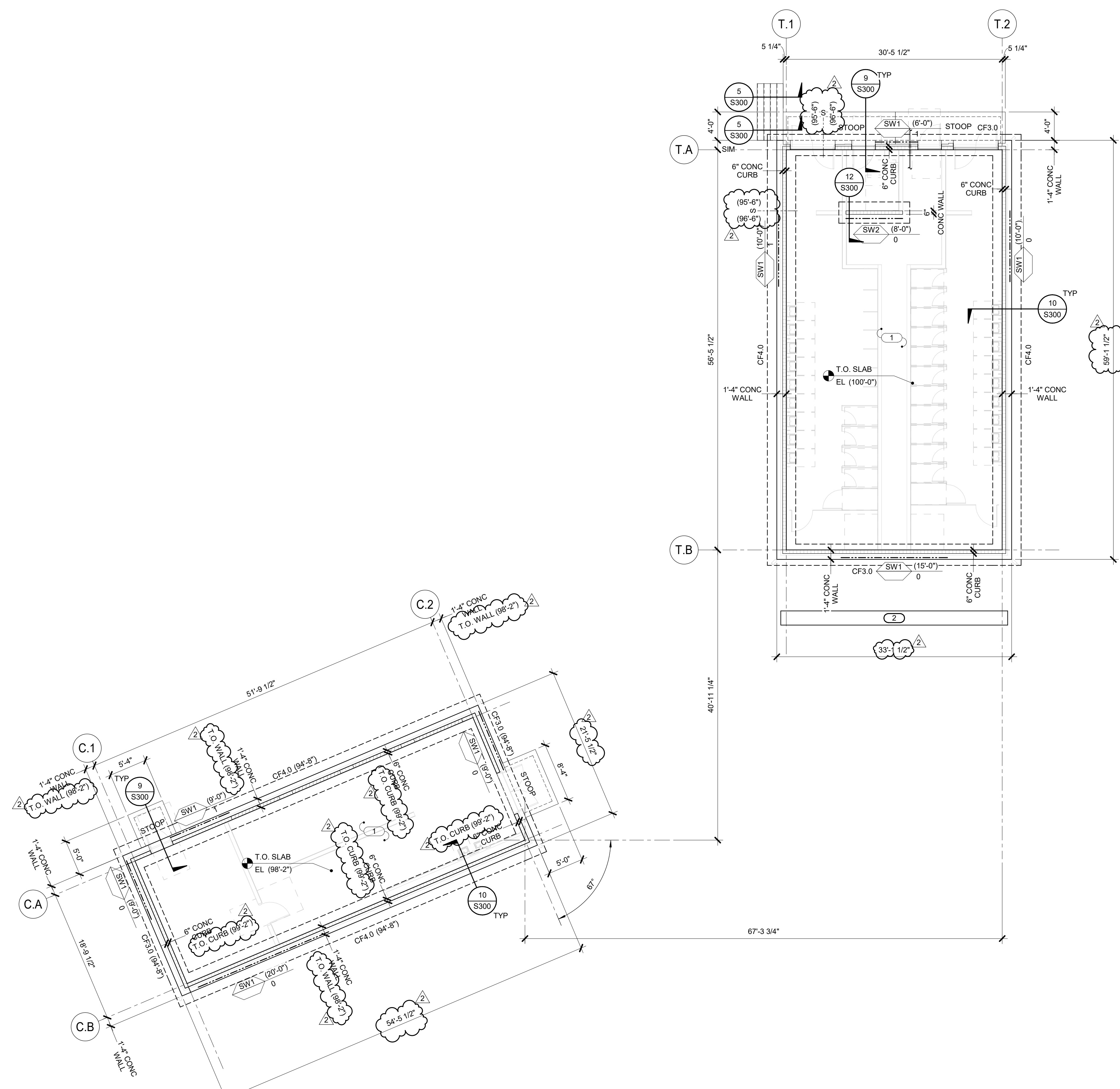
NOTE:
1. CENTERED IN WALL THICKNESS.

COLD FORM SHEAR WALL SCHEDULE											
MARK	APA RATED SHEATHING			PANEL SCREW SIZE AND SPACING			FRAMING SIZE AT ADJOINING PANEL EDGES, MIN	HOLDDOWN			REMARKS
	THICKNESS	GRADE	SIDES	SIZE	EDGE	FIELD		TYPE	ANCHOR ROD	STUD FASTENERS	
1	15/32"	STRUCTURAL 1	ONE	#12 SIMPSON STRONGDRIVE TB @	6	12	600S200-43	HTT5	SIMPSON SSTB16	(26) #10	NOTE 7
2	15/32"	STRUCTURAL 1	ONE	#12 SIMPSON STRONGDRIVE TB @	6	12	(2) 600S200-43	SHDU6	SIMPSON SSTB16	(12) #14	-

NOTES:
1. SHEATHING SHALL BE PLYWOOD ONLY.
2. SEE 400 FOR TYPICAL SHEAR WALL CONSTRUCTION DETAILS.
3. ALL PANEL EDGES ARE TO BE LOCKED. EDGE BLOCKING TO BE PROVIDED BY THE COLD FORM SUPPLIER.
4. WALL BOTTOM TRACK TO HAVE 1 1/4" LEG AND MATCH GAUGE OF STUDS.
5. CONTINUOUS PARTIAL COLD FORM SHEAR WALL LOCATIONS.
6. SEE 2/3300 AND 10/5400 FOR HOLDOWN DETAILS.

NOTES:
1. SEE S300 FOR TYPICAL SLAB ON GRADE CONSTRUCTION DETAILS.
2. TOP OF EXTERIOR AND INTERIOR FOOTING EL (98'-6") UON. SEE THIS SHEET FOR SCHEDULE.
3. TOP OF FOUNDATION WALL EL (100'-0") UON. SEE THIS SHEET FOR SCHEDULE.
4. TOP OF CURB EL (101'-3") UON.
5. PROVIDE 2'-0" x 2'-0" CORNER BARS FOR FOOTING AND WALL INTERSECTIONS. BAR SIZE AND QUANTITY TO MATCH LONGITUDINAL AND HORIZONTAL BARS. SEE 7/5300.
6. PROVIDE THICKENED SLAB UNDER ALL NON-STRUCTURAL CFSF WALLS. SEE 11/5300 FOR DETAIL AND ARCHITECTURAL PLANS FOR EXTENT AND LOCATIONS.
7. FOR PIPING AND CONDUIT THROUGH FOUNDATIONS. SEE 4/5300.
8. SEE THIS SHEET FOR CFSF SHEAR WALL SCHEDULE AND S400 FOR TYPICAL DETAILS.
9. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT GIVEN HERE.
10. ALL COLD FORM STUDS TO BE 600S200-43 AT 12" ON CENTER. STUDS TO ALIGN WITH TRUSS BEARING LOCATIONS.
11. SEE 1/5300 FOR TYPICAL REBAR SPLICE LENGTHS.

KEYNOTES: (P)
1. 5" CONCRETE SLAB ON GRADE WITH 6x6 - W2.1W2.1 WWR. SEE PLAN FOR TOP OF SLAB ELEVATION.
2. RETAINING WALL SEE CIVIL.



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

IMEG
523 28TH AVENUE
ROCK ISLAND, IL 61201
P: 309.788.0673 F: 309.788.8967
www.imegcorp.com

IMEG RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN THEREON. THIS DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF IMEG AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF IMEG. ©2004 IMEG CONSULTANTS CORP.

REF. SCALE IN INCHES PROJECT 60009955.01

LEGAT ARCHITECTS
Design with a Difference

MCVSD 40

BROWNING CONCESSIONS

15th Street
Moline, IL 61265

ARCHITECT
Legat Architects, Inc.
1515 5th Ave. Suite 108
Moline, IL 61265
P: 309.369.4581
www.legat.com

CIVIL ENGINEER / LANDSCAPE ARCHITECT
Martin & Whitacre
1508 Bidwell Rd.
Muscatine, IA 52761
P: 563.263.7691
www.martin-whitacre.com

STRUCTURAL ENGINEER
IMEG
623 26th Ave.
Rock Island, IL 61201
P: 309.788.0673
www.imegcorp.com

MEPEE ENGINEER
RTM Engineering Consultants
5137 Ulica Ridge Rd.
Davenport, IA 52807
P: 563.726.6310
www.rtmec.com

SIGNATURE _____
DATE _____

REVISIONS		
NO	DESCRIPTION	DATE
1	ADDENDUM #1	02/10/25
2	ADDENDUM #2	02/12/25

PROJECT NUMBER 224151.00
DATE OF ISSUE 01/10/2025
DRAWN BY -
REVIEWED BY -

FOUNDATION PLANS

S100
BIDDING

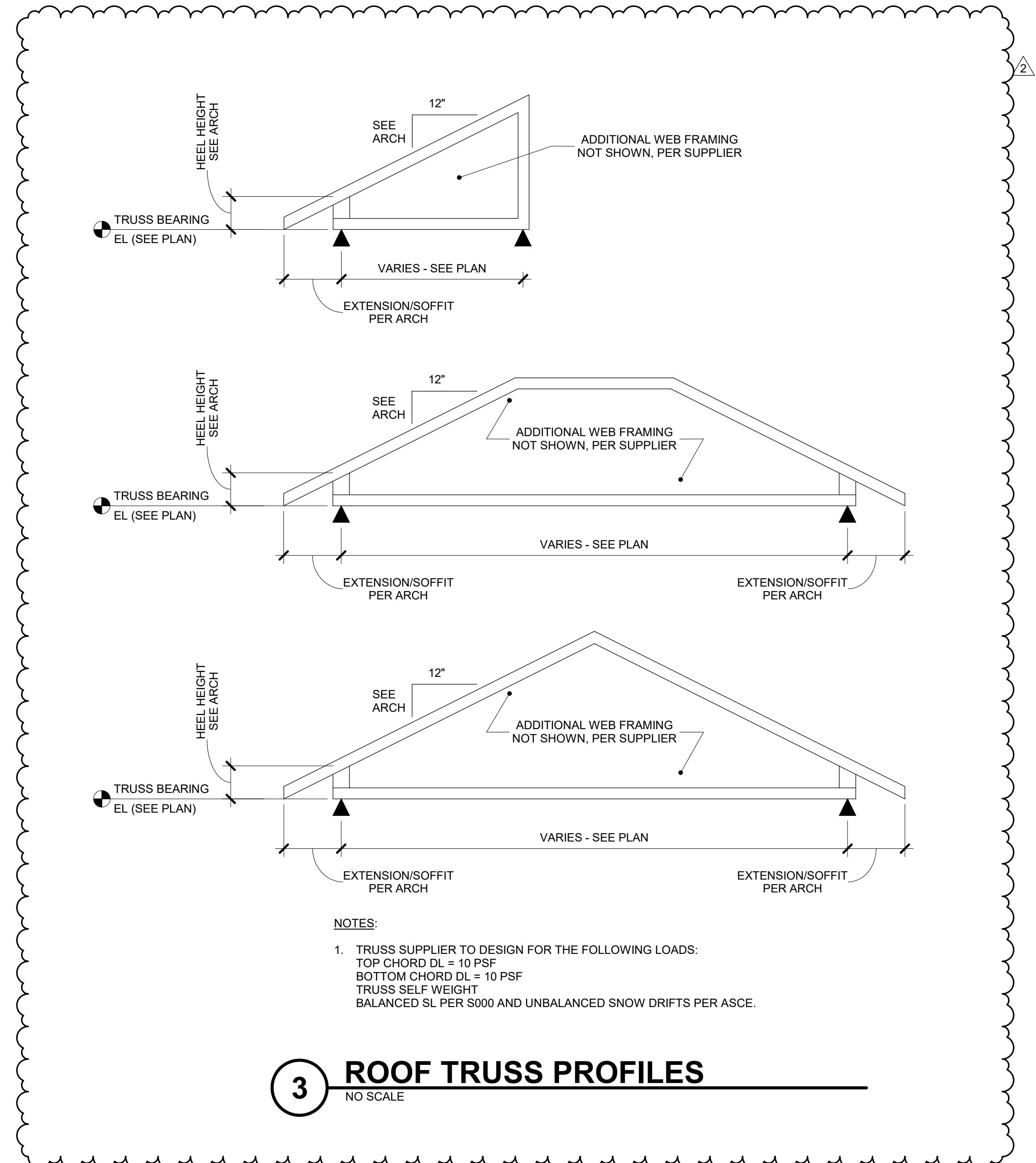
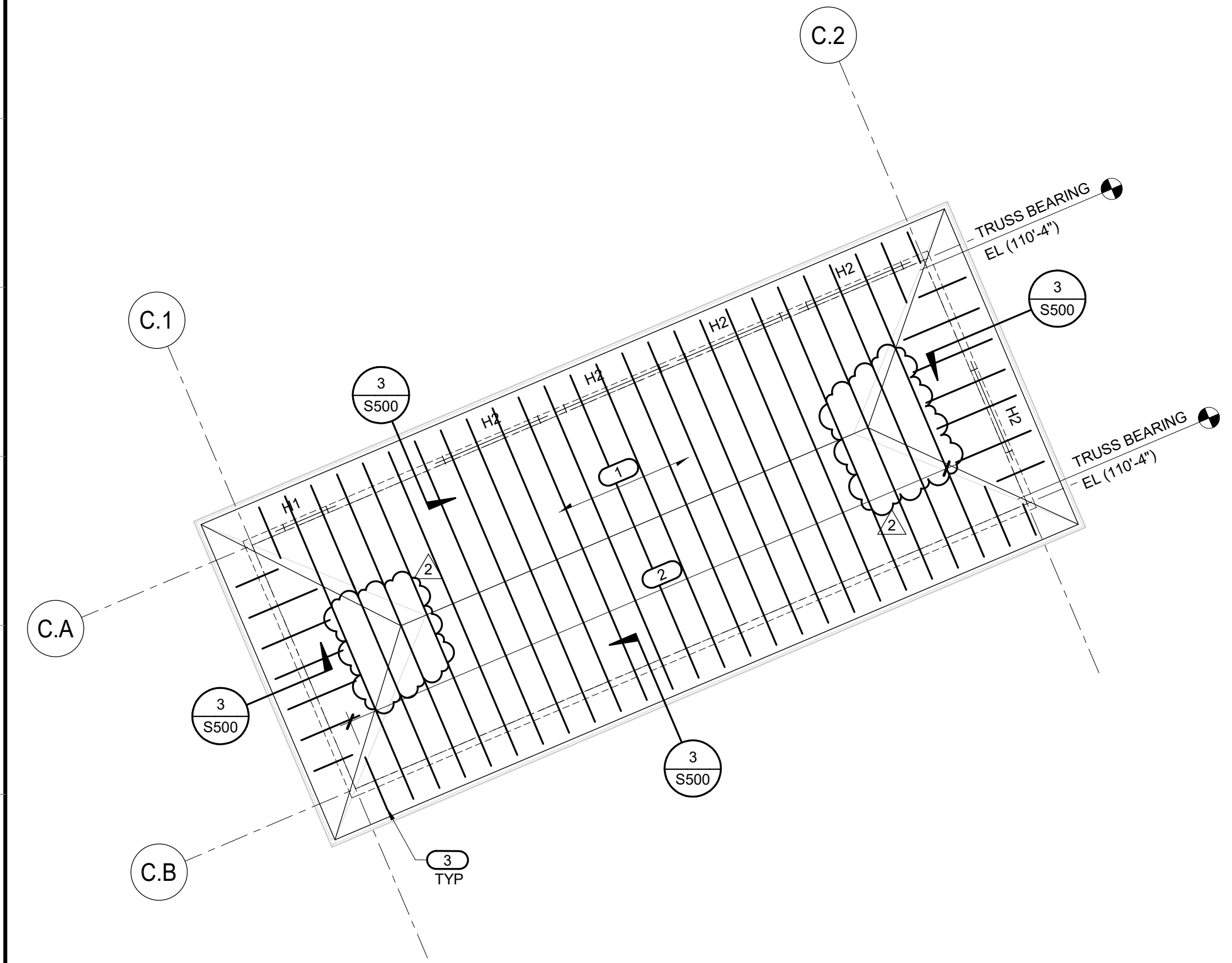
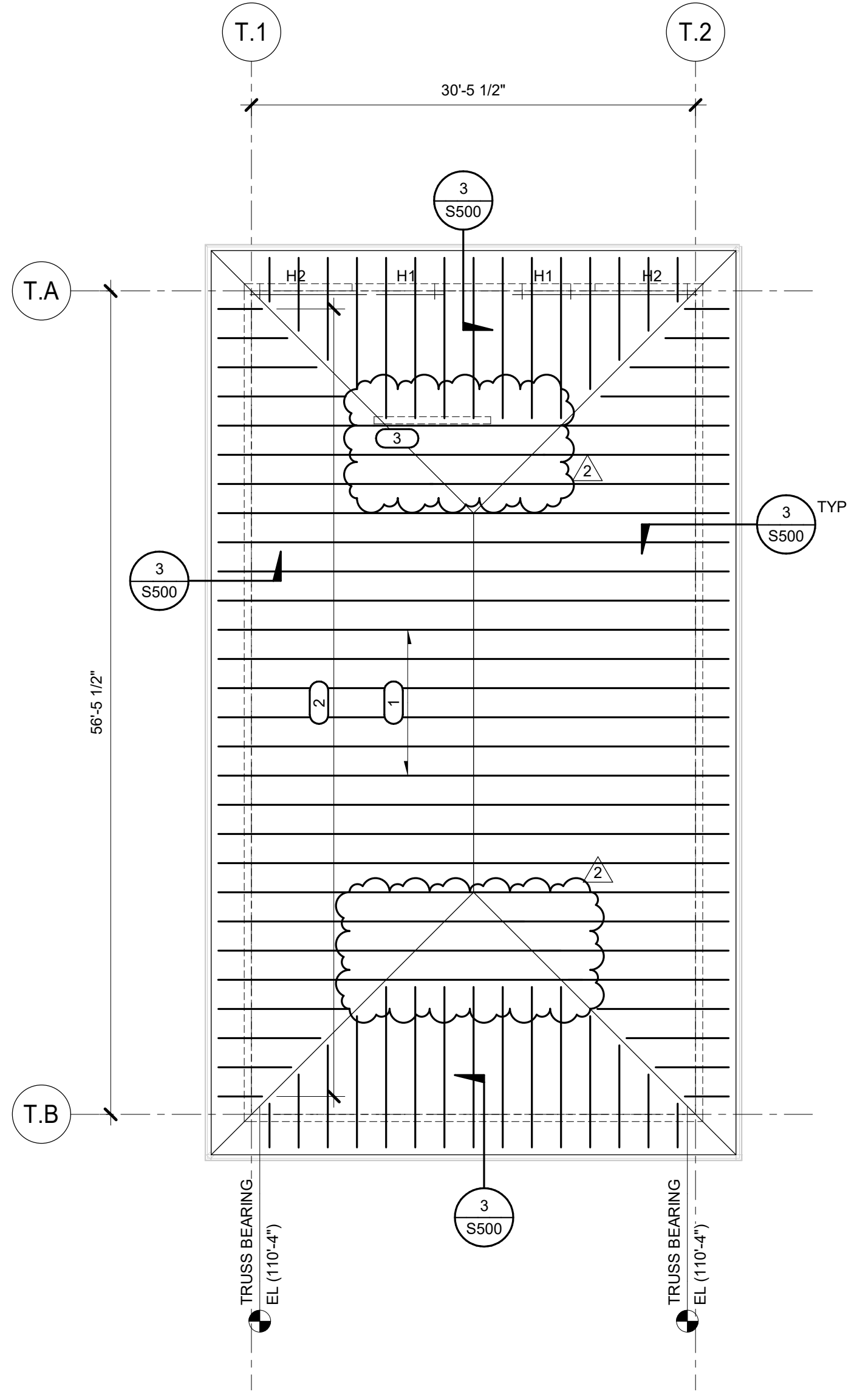
COLD FORM HEADER SCHEDULE

MARK	SIZE	TRIMMER STUDS	KING STUDS	REMARKS
H1	(2) 600S200-43	600S200-43	600S200-43	-
H2	(2) 600S200-54	600S200-43	600S200-43	-

NOTES:
1. SEE 2/S400 FOR TYPICAL DETAIL.

NOTES:
1. SEE PLAN FOR TRUSS BEARING ELEVATIONS AND ARCHITECTURAL DRAWINGS FOR TRUSS HEEL HEIGHT.
2. SEE ARCHITECTURAL AND FOUNDATION DRAWINGS FOR DIMENSIONS NOT GIVEN HERE.
3. TRUSS MANUFACTURER TO COORDINATE ALL OPENINGS WITH MECHANICAL. PROVIDE FRAMING AS REQUIRED.
4. SEE 2/S500 FOR OPENINGS THROUGH ROOF SHEATHING. SEE MECHANICAL DRAWINGS FOR OPENINGS AND DIMENSIONS.
5. SEE 6/S400 FOR BRACING NON STRUCTURAL WALLS.

KEYNOTES: (B)
1. ROOF SHEATHING = 5/8" PLYWOOD (5-PLY) SHEATHING. SEE GENERAL NOTES FOR FASTENING AND STRENGTH REQUIREMENTS. FOR TYPICAL DETAIL, SEE 1/S500.
2. WOOD TRUSSES @ 2'-0" OC MAX. TRUSSES TO ALIGN WITH COLD FORM STEEL FRAMING STUDS. TRUSS LAYOUT ON PLAN IS SCHEMATIC AND REPRESENTATIVE. QUANTITIES MAY NOT BE ACCURATELY SHOWN FOR OUTLINE TRUSS SPACING. SUPPLIER SHALL BE RESPONSIBLE FOR TEMPORARY AND PERMANENT BRACING. SEE 1/S500 FOR TRUSS BRACING.
3. TRUSS SUPPLIER TO DESIGN TRUSS TO TRANSFER 5200 LBS SERVICE LATERAL LOAD TO SHEAR WALL BELOW. SEE 4/S500.



NOTES:
1. TRUSS SUPPLIER TO DESIGN FOR THE FOLLOWING LOADS:
TOP CHORD DL = 10 PSF
BOTTOM CHORD DL = 10 PSF
TRUSS SELF WEIGHT
BALANCED SL PER S000 AND UNBALANCED SNOW DRIFTS PER ASCI.

3 ROOF TRUSS PROFILES
NO SCALE

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

MCVSD 40

BROWNING CONCESSIONS

15th Street
Moline, IL 61265

ARCHITECT
Legat Architects, Inc.

1515 5th Ave. Suite 108
Moline, IL 61265
P: 309.369.4581
www.legat.com

CIVIL ENGINEER / LANDSCAPE ARCHITECT

Martin & Whitacre

1508 Bidwell Rd.
Muscatine, IA 52761
P: 563.263.7691
www.martin-whitacre.com

STRUCTURAL ENGINEER

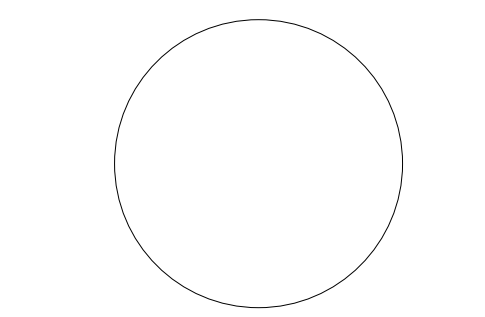
IMEG

623 26th Ave.
Rock Island, IL 61201
P: 309.788.0673
www.imegcorp.com

MEP/PE ENGINEER

RTM Engineering

Consultants
5137 Utica Ridge Rd.
Davenport, IA 52807
P: 563.726.6310
www.rtmec.com



SIGNATURE _____
DATE _____

REVISIONS		
NO	DESCRIPTION	DATE
1	ADDENDUM #1	02/10/25
2	ADDENDUM #2	02/12/25

PROJECT NUMBER 224151.00
DATE OF ISSUE 01/10/2025
DRAWN BY -
REVIEWED BY -

ROOF FRAMING PLANS

IMEG
523 26TH AVENUE
ROCK ISLAND, IL 61201
P: 309.788.0673 F: 309.788.8967
www.imegcorp.com
IMEG RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN THEREON. ROAD DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF IMEG AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF IMEG. ©2024 IMEG CONSULTANTS CORP.

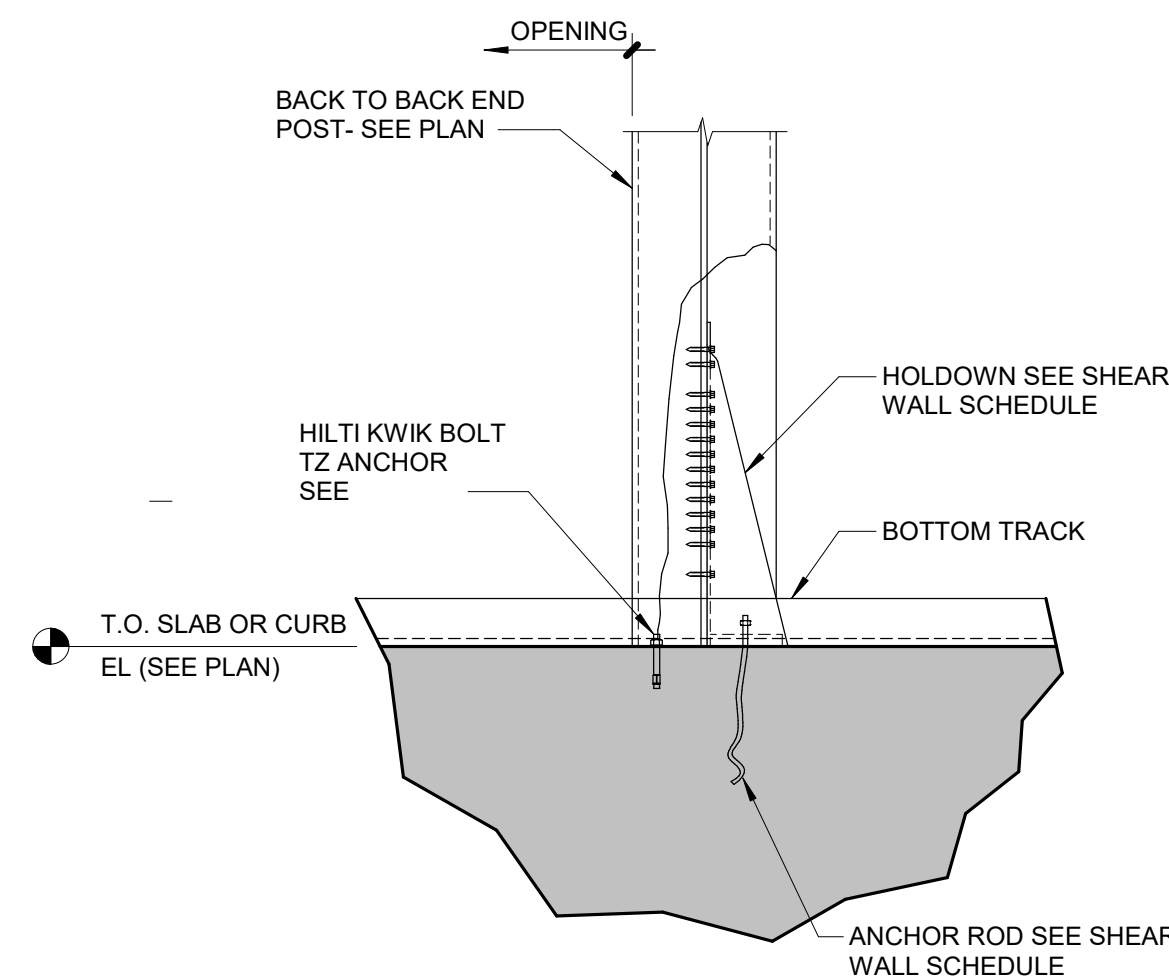
S101
BIDDING

CLASS B TENSION LAP SPLICE LENGTH										
REINF STEEL F _y	BAR SIZE	BAR LOCATION	CONCRETE STRENGTH, F _c							
			3 KSI	4 KSI	5 KSI	6 KSI	7 KSI	8 KSI	9 KSI	10 KSI
60 KSI	#3	TOP	2'-4"	2'-1"	1'-10"	1'-8"	1'-7"	1'-6"	1'-5"	1'-4"
		OTHER	1'-10"	1'-7"	1'-5"	1'-4"	1'-2"	1'-2"	1'-1"	1'-0"
	#4	TOP	3'-2"	2'-9"	2'-5"	2'-3"	2'-1"	1'-11"	1'-10"	1'-9"
		OTHER	2'-5"	2'-1"	1'-11"	1'-9"	1'-7"	1'-6"	1'-5"	1'-4"
	#5	TOP	3'-11"	3'-5"	3'-0"	2'-9"	2'-7"	2'-5"	2'-3"	2'-2"
		OTHER	3'-0"	2'-7"	2'-4"	2'-2"	2'-0"	1'-10"	1'-9"	1'-8"
#6	TOP	4'-8"	4'-1"	3'-8"	3'-4"	3'-1"	2'-11"	2'-9"	2'-7"	
	OTHER	3'-7"	3'-1"	2'-10"	2'-7"	2'-4"	2'-3"	2'-1"	2'-0"	

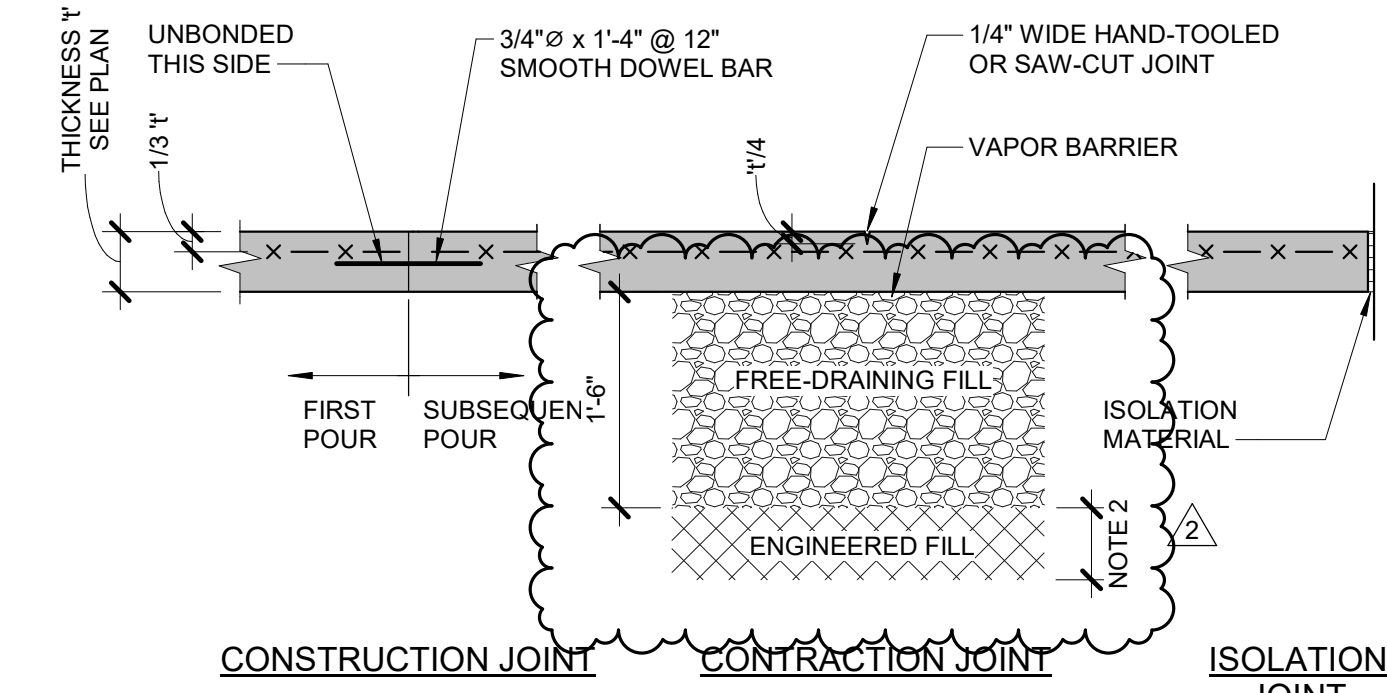
- NOTES:
- SPLICE LENGTHS SHOWN ARE APPLICABLE FOR SPLICES OCCURRING UNDER THE FOLLOWING CONDITIONS:
 - NORMAL-WEIGHT CONCRETE
 - MIN BAR SPACING REQUIREMENTS:
 - CLEAR SPACING BETWEEN BARS AT SPLICE LOCATION > BAR DIAMETER, CLEAR COVER TO BARS > BAR DIAMETER, AND TIES OR STIRRUPS OCCUR PER CODE SPACING WITHIN LENGTH OF SPLICE, OR
 - CLEAR SPACING BETWEEN BARS AT SPLICES > 2 x BAR DIAMETER AND CLEAR COVER > BAR DIAMETER
 - INDICATED SPLICE LENGTHS SHALL BE INCREASED BY THE LISTED FACTORS WHERE THE FOLLOWING CONDITIONS EXIST:

CONDITION	SPLICE LENGTH MULTIPLIER*
A. BAR SPACING OR CLEAR COVER IS LESS THAN REQUIRED PER NOTE 1	1.3
B. LIGHTWEIGHT CONCRETE	1.3
C. EPOXY COATED REINF WITH COVER < 3 x BAR DIAMETER OR CLEAR SPACING = 6 x BAR DIAMETER	1.5
D. ALL OTHER EPOXY COATED BARS	1.2

 *WHERE MULTIPLE CONDITIONS EXIST, APPLY EACH OF THE APPLICABLE FACTORS TO THE TABULATED TENSION LAP SPLICE LENGTH TO OBTAIN THE REQUIRED SPLICE LENGTH.
 - TOP BARS ARE HORIZ BARS LOCATED WHERE MORE THAN 12" OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE BARS.
 - USE SMALLER BAR SIZE TO DETERMINE LENGTH WHERE SPLICING BARS OF DIFFERENT SIZES.

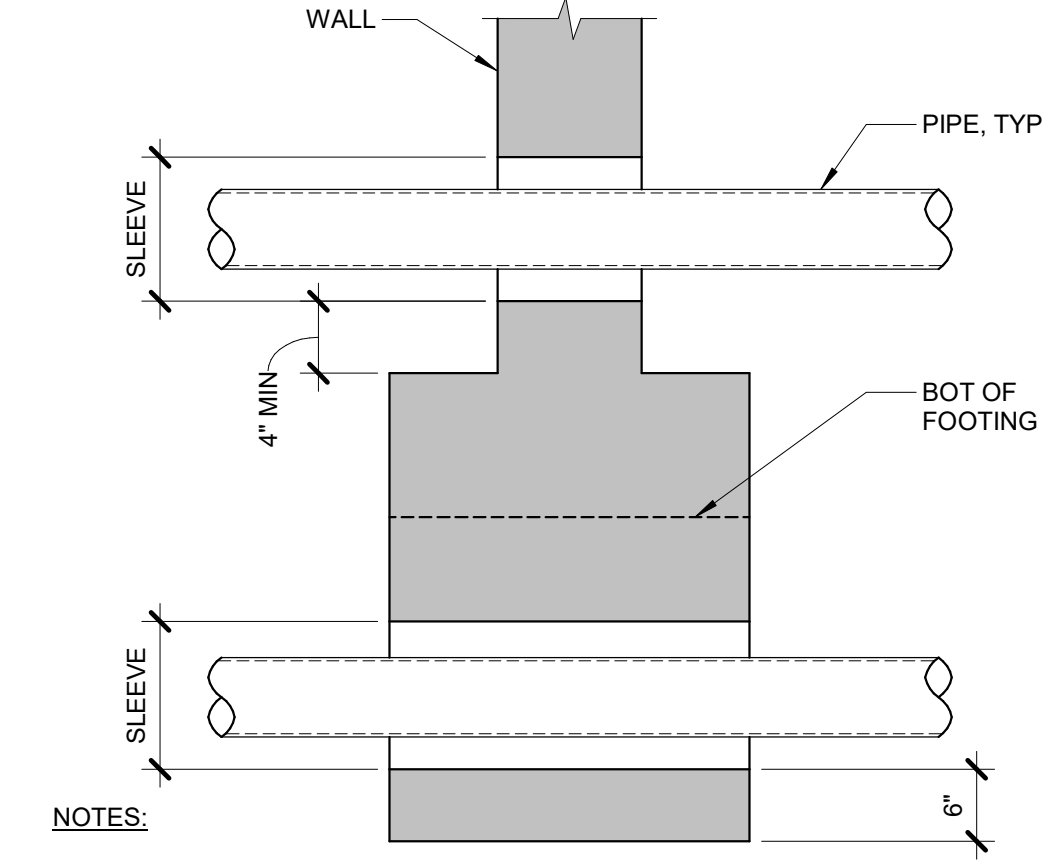


2 HOLDOWN ANCHORAGE DETAIL
1/2" = 1'-0"
S_CF-400



- NOTES:
- JOINTS SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF FINISHING OPERATIONS.
 - VERIFY FILL REQUIREMENTS WITH GEOTECH ENGINEER.

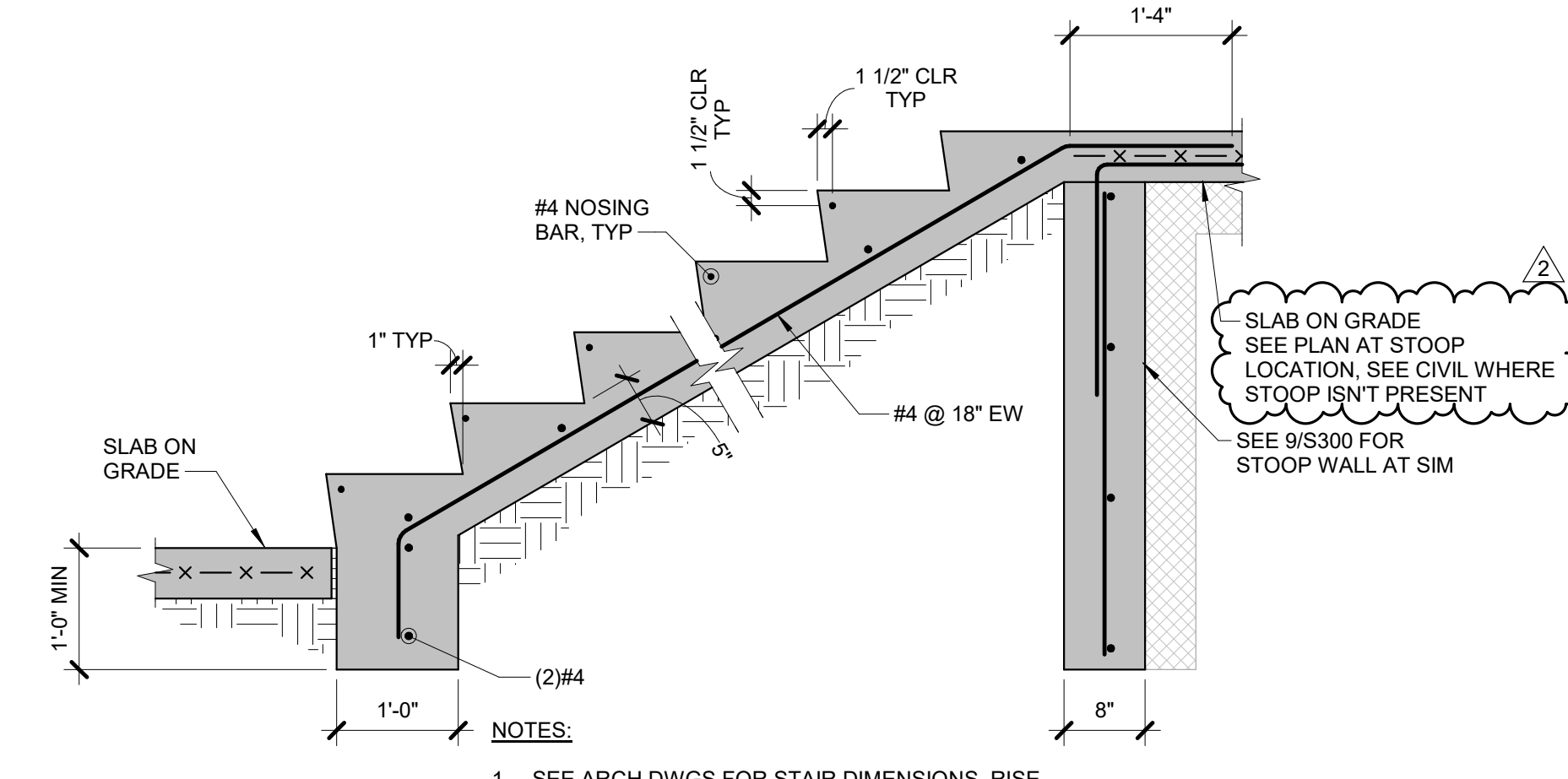
3 SLAB ON GRADE CONSTRUCTION
3/4" = 1'-0"



- NOTES:
- CENTER PIPES THROUGH SLEEVES. SLEEVES TO BE 6" LARGER THAN PIPES.
 - FOR PIPES 3'-0" OR LESS BELOW FOOTING, PROVIDE SLEEVE AND CONCRETE AS SHOWN, MORE THAN 5'-0" COMPACT BACKFILL OVER PIPE TO 90% AS APPROVED BY GEOTECHNICAL ENGINEER OR USE STEPPED FOOTING BELOW PIPE.

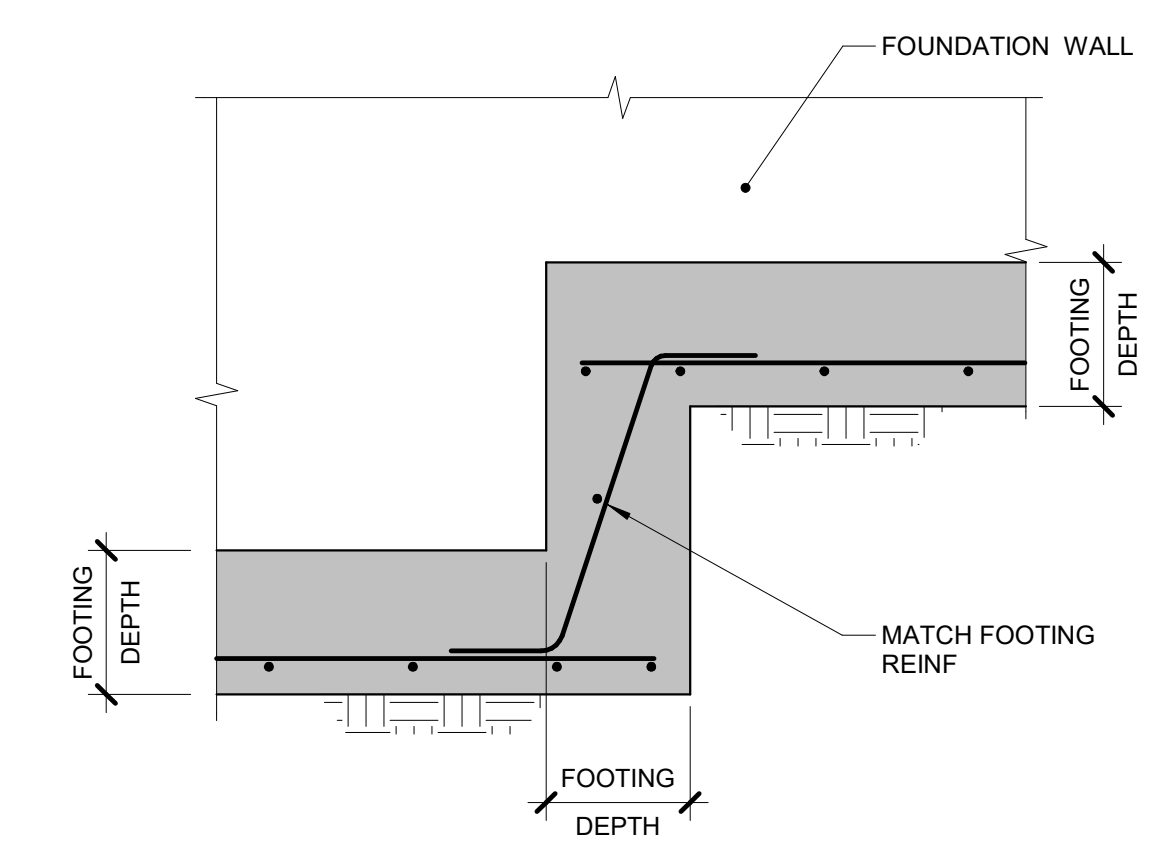
4 PIPE THROUGH WALL / FOOTING
3/4" = 1'-0"

1 CLASS B TENSION LAP SPLICE LENGTHS
3/4" = 1'-0"

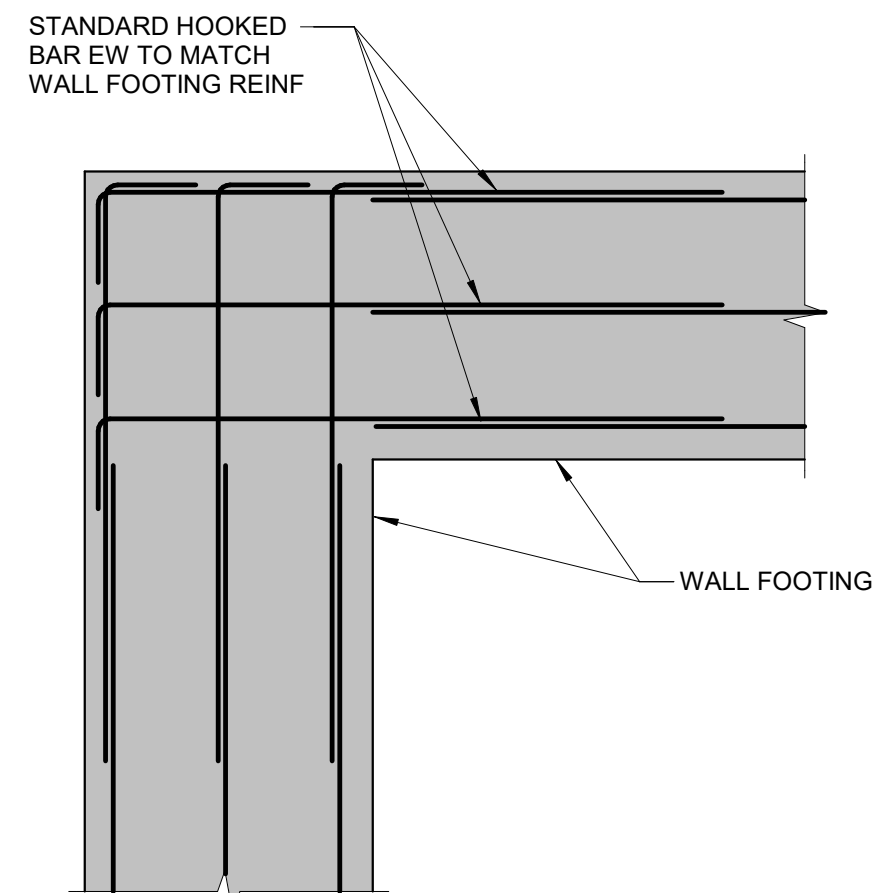


- NOTES:
- SEE ARCH DWGS FOR STAIR DIMENSIONS, RISE, RUN, HANDRAIL AND NOSING DETAILS

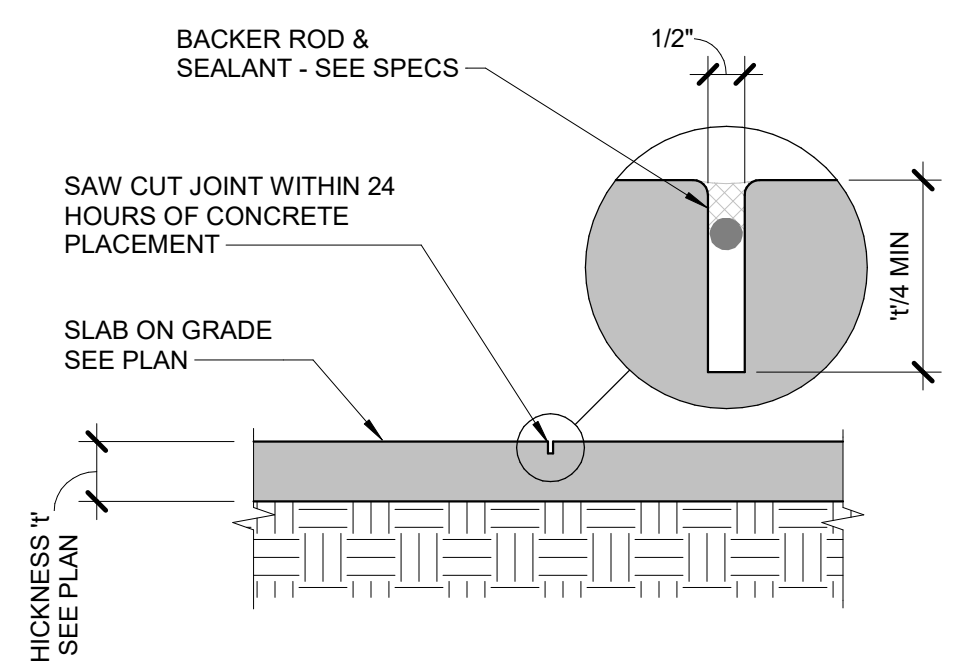
5 CONCRETE STAIR
3/4" = 1'-0"



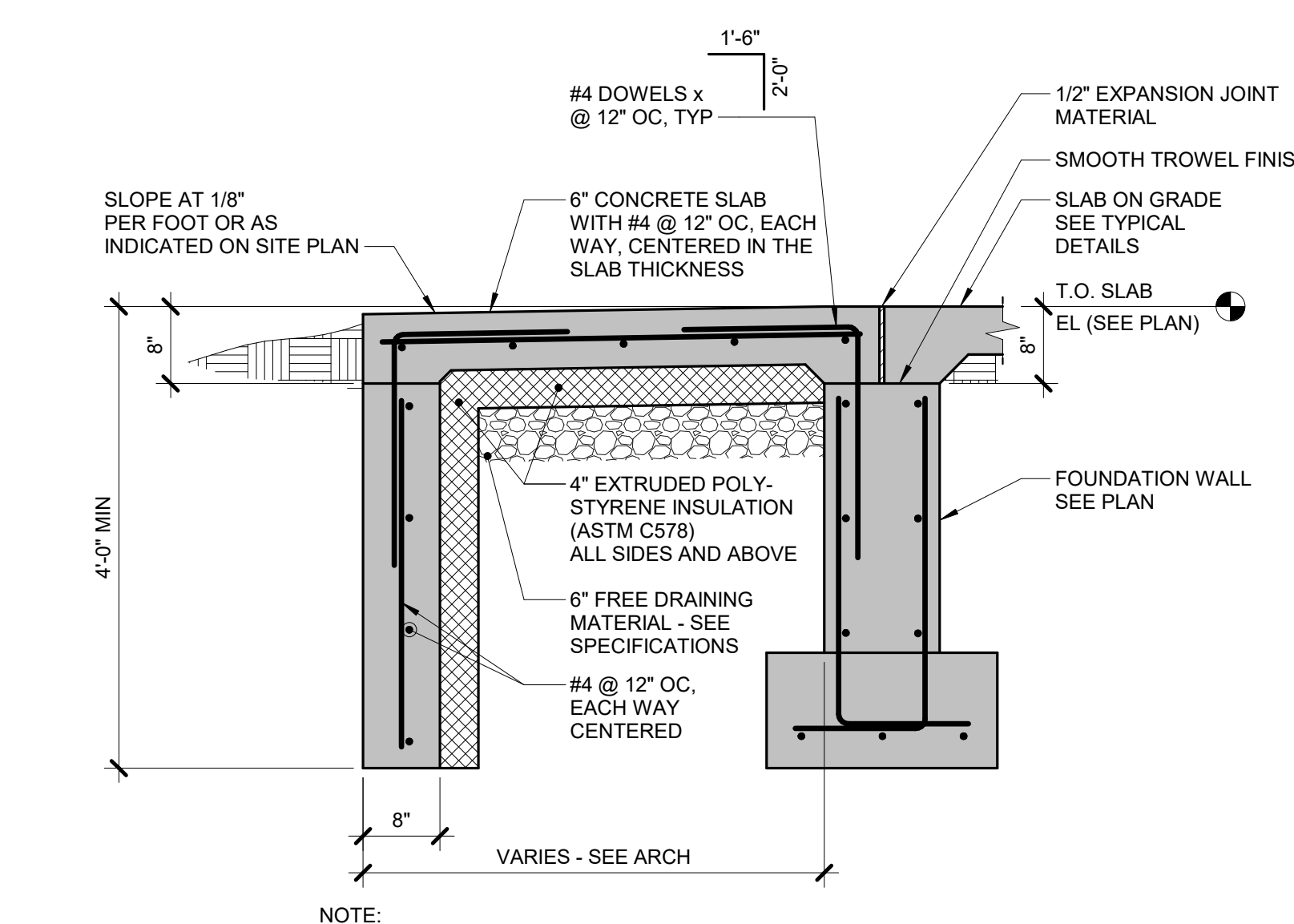
6 FOOTING STEP
3/4" = 1'-0"



7 FOOTING INTERSECTION
3/4" = 1'-0"

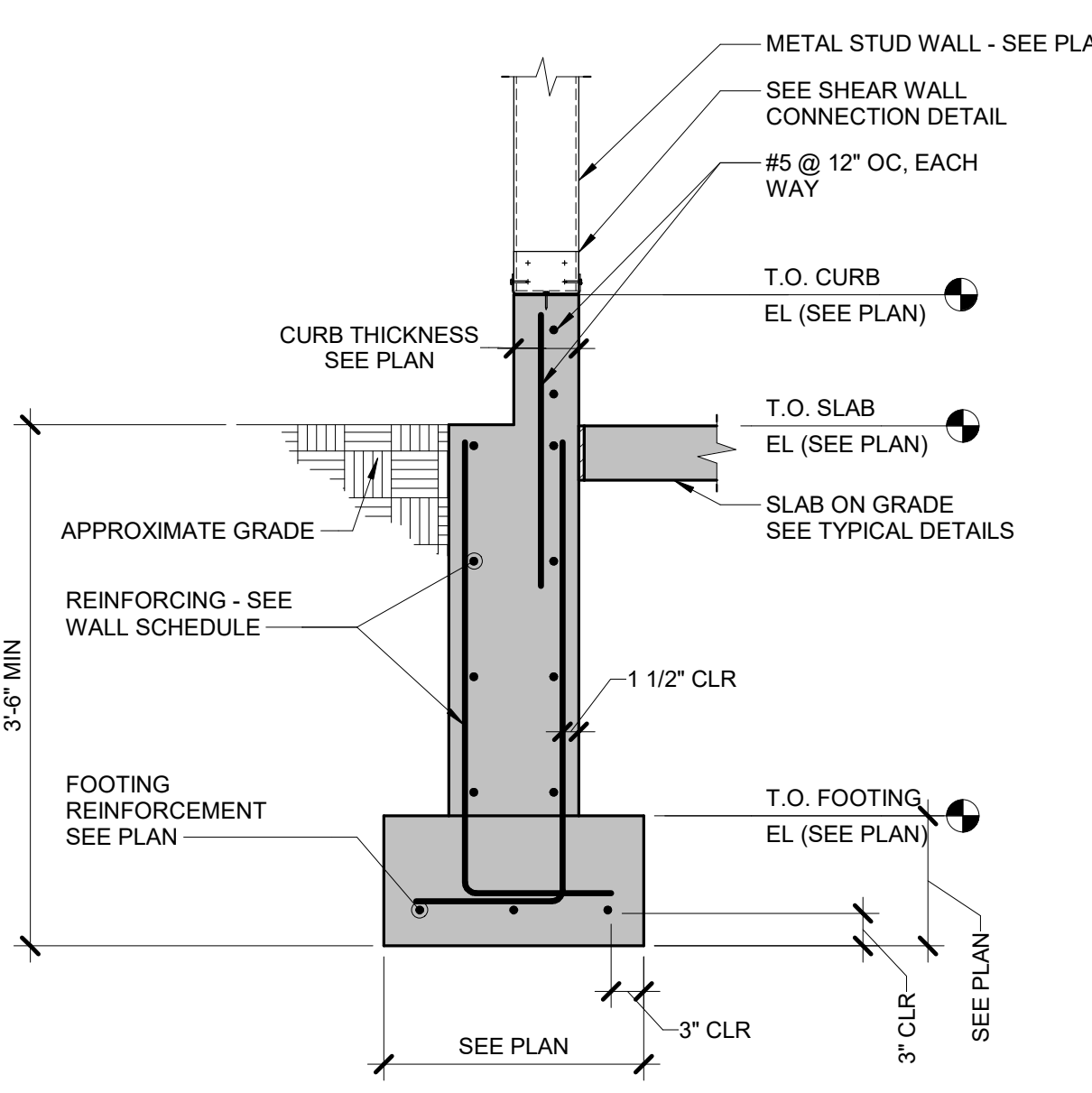


8 SAWCUT SEALANT JOINT
3/4" = 1'-0"

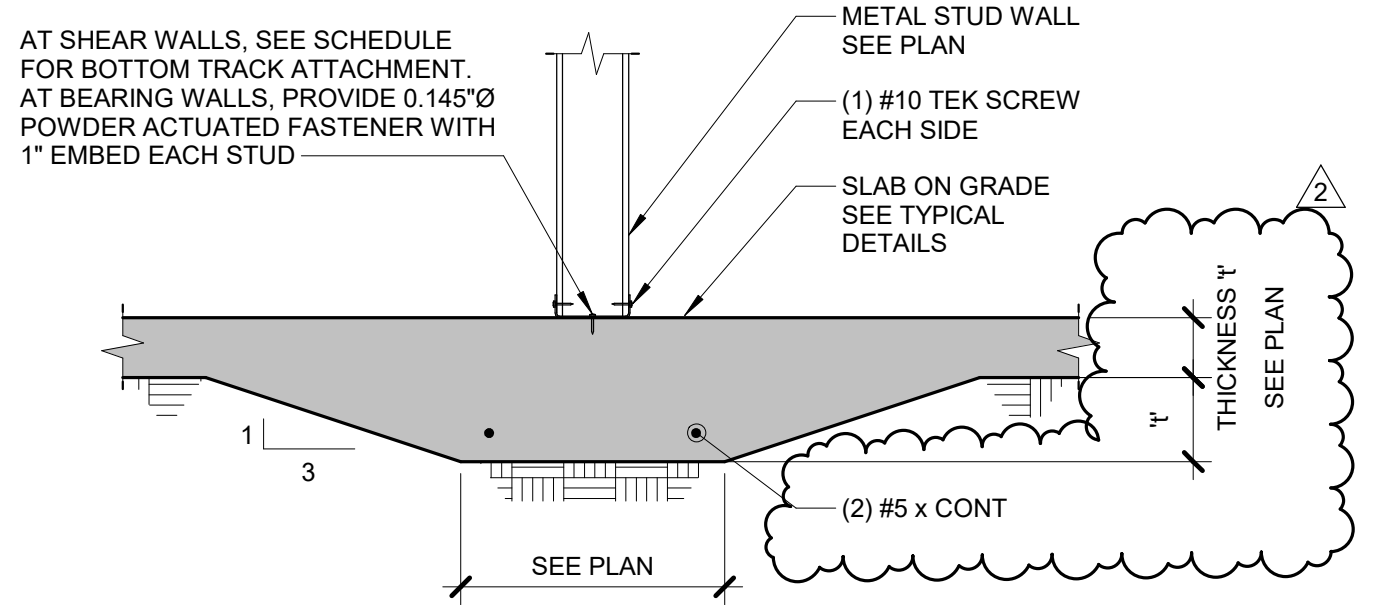


- NOTE:
- SEE ARCHITECTURAL DRAWINGS FOR EXACT STOOP LAYOUT AND LOCATIONS.

9 TYPICAL STOOP DETAIL
3/4" = 1'-0"

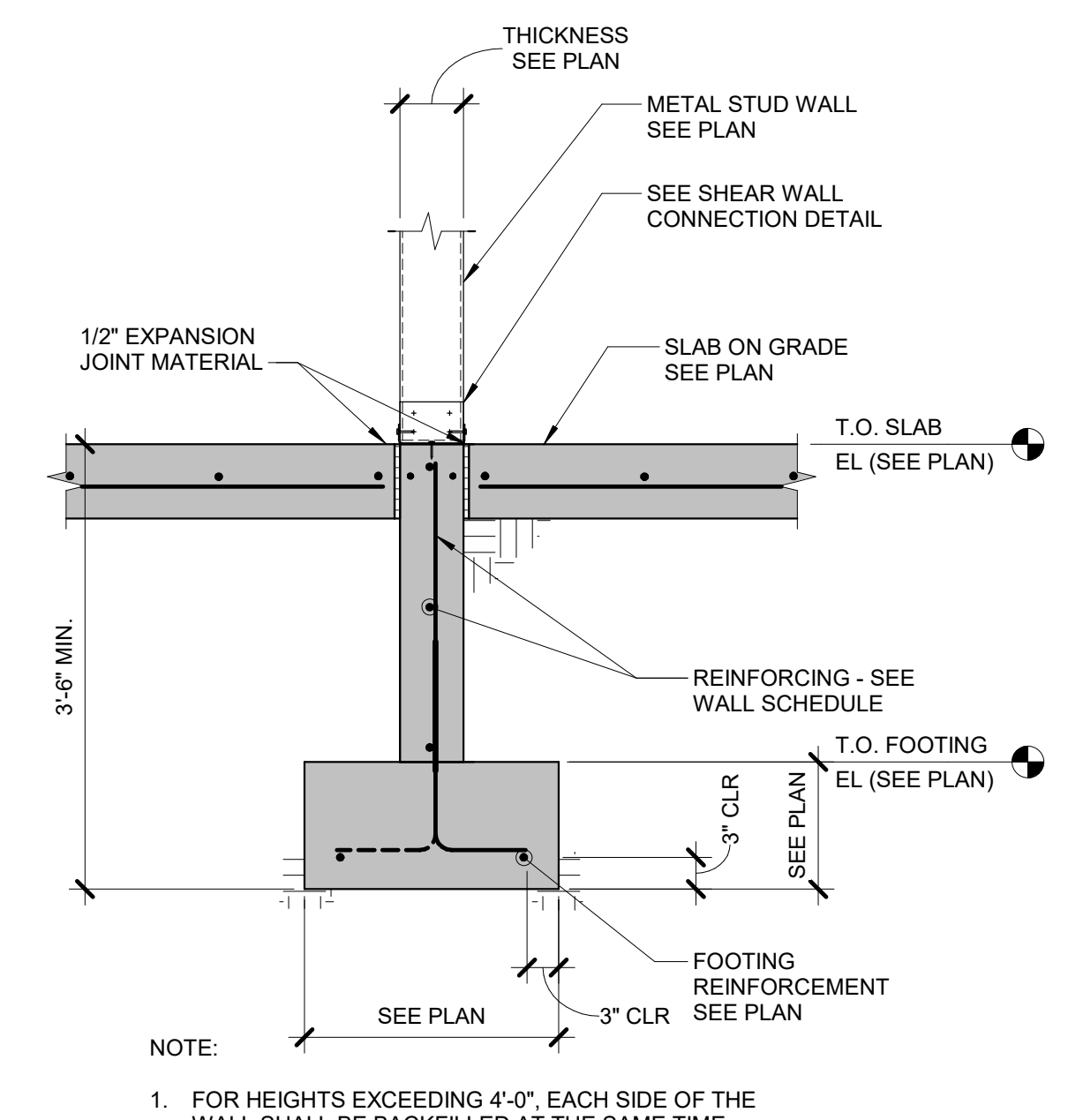


10 FOUNDATION AT COLD FORM WALL DETAIL
3/4" = 1'-0"



- NOTES:
- CENTER THICKENED SLAB ABOUT WALL. SEE ARCHITECTURAL DRAWINGS FOR WALL LOCATIONS.
 - PROVIDE CORNER DOWELS PER TYPICAL DETAILS AT INTERSECTIONS OF THICKENED SLABS.

11 INTERIOR BEARING/SHEAR WALL AT THICKENED SLAB
3/4" = 1'-0"



- NOTE:
- FOR HEIGHTS EXCEEDING 4'-0", EACH SIDE OF THE WALL SHALL BE BACKFILLED AT THE SAME TIME.

12 CMU WALL ON FOUNDATION WALL
3/4" = 1'-0"

IMEG
623 26th Avenue
Rock Island, IL 61201
P: 309.788.0673 F: 309.788.0967
www.imegcorp.com

IMEG RESERVES ITS PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN THEREON. ROAD DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF IMEG AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF IMEG CONSULTANTS CORP.

0 1 2 3
REF. SCALE IN INCHES PROJECT 40009955.01

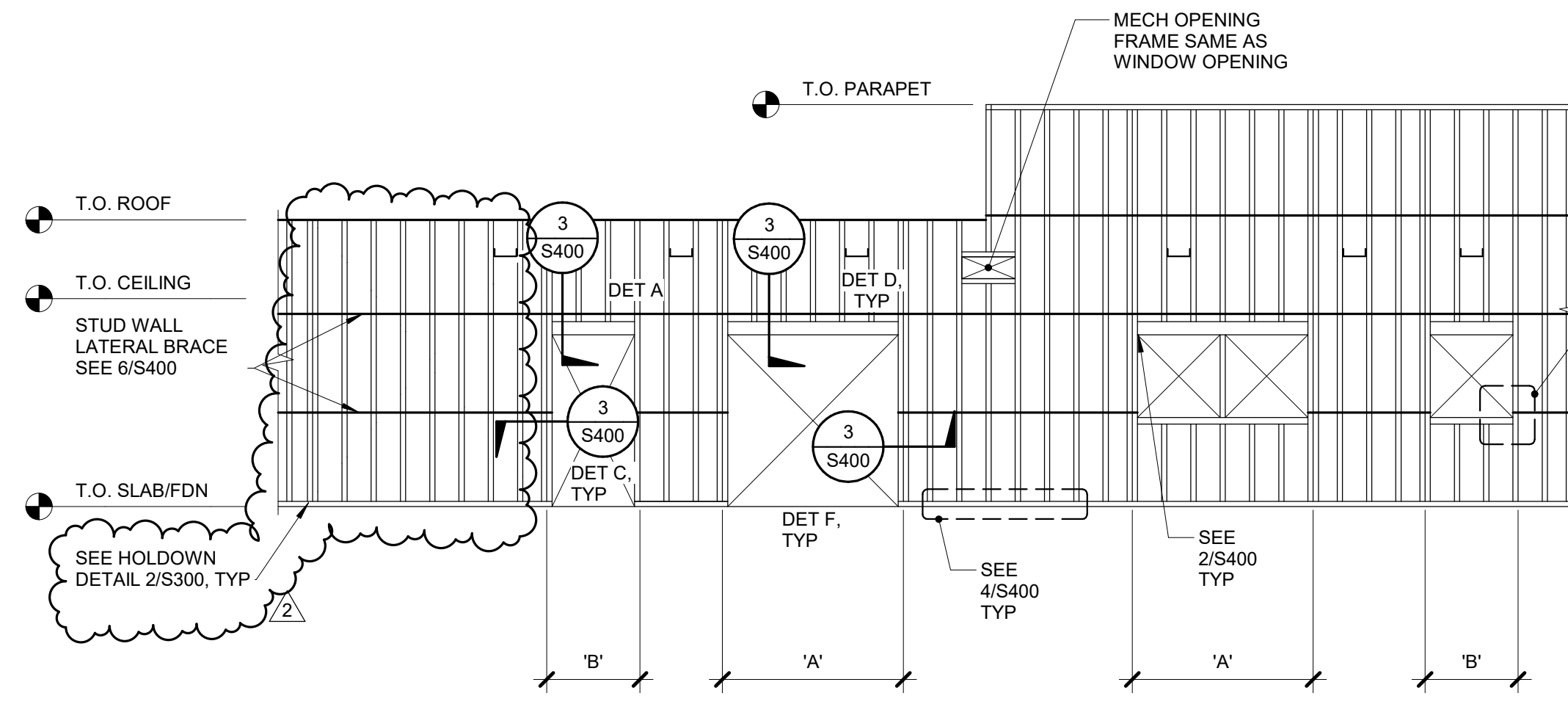
SIGNATURE _____
DATE _____

REVISIONS		
NO.	DESCRIPTION	DATE
1	ADDENDUM #1	02/10/25
2	ADDENDUM #2	02/12/25

PROJECT NUMBER 224151.00
DATE OF ISSUE 01/10/2025
DRAWN BY -
REVIEWED BY -

CONCRETE DETAILS

S300
BIDDING

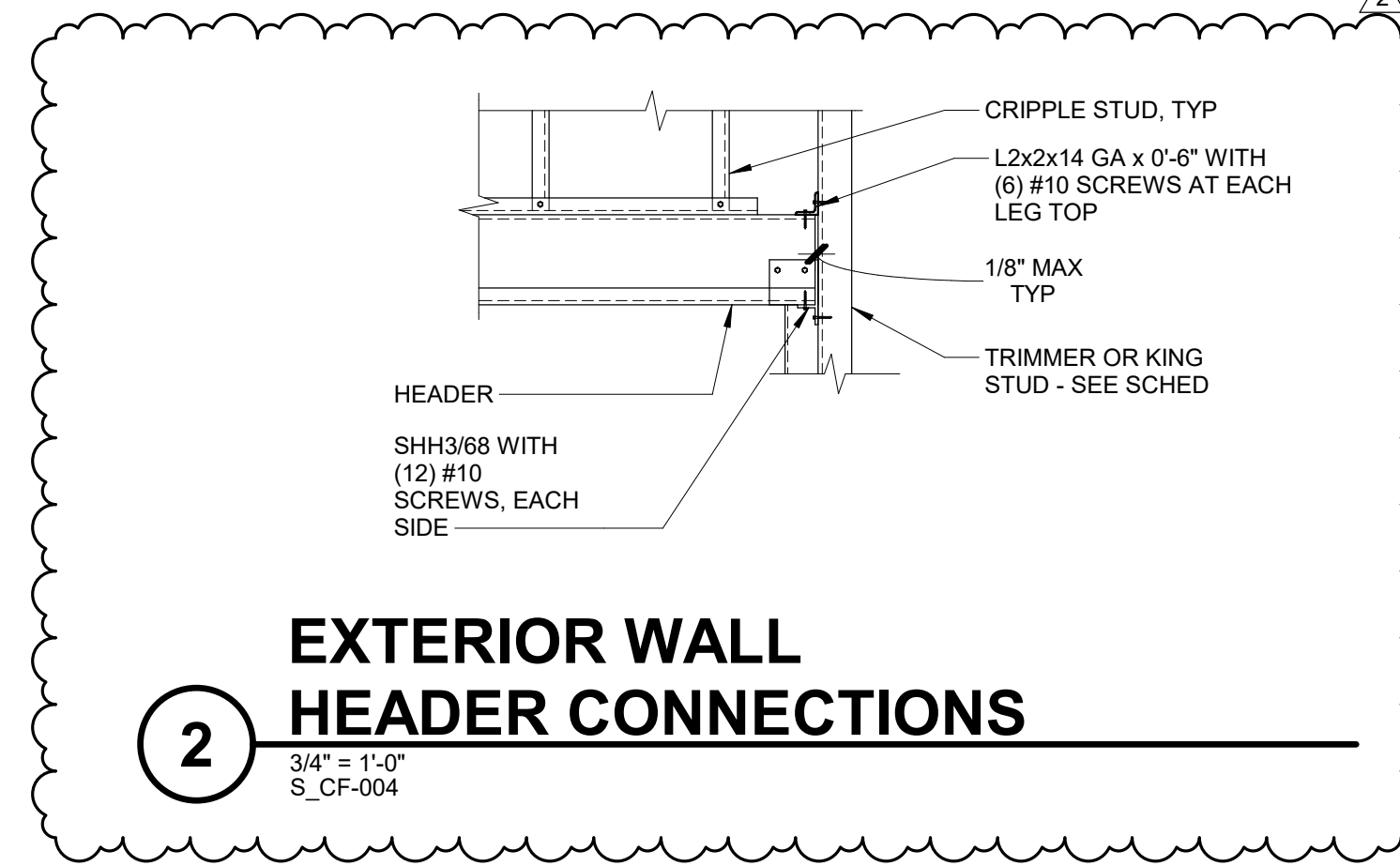


NOTES:

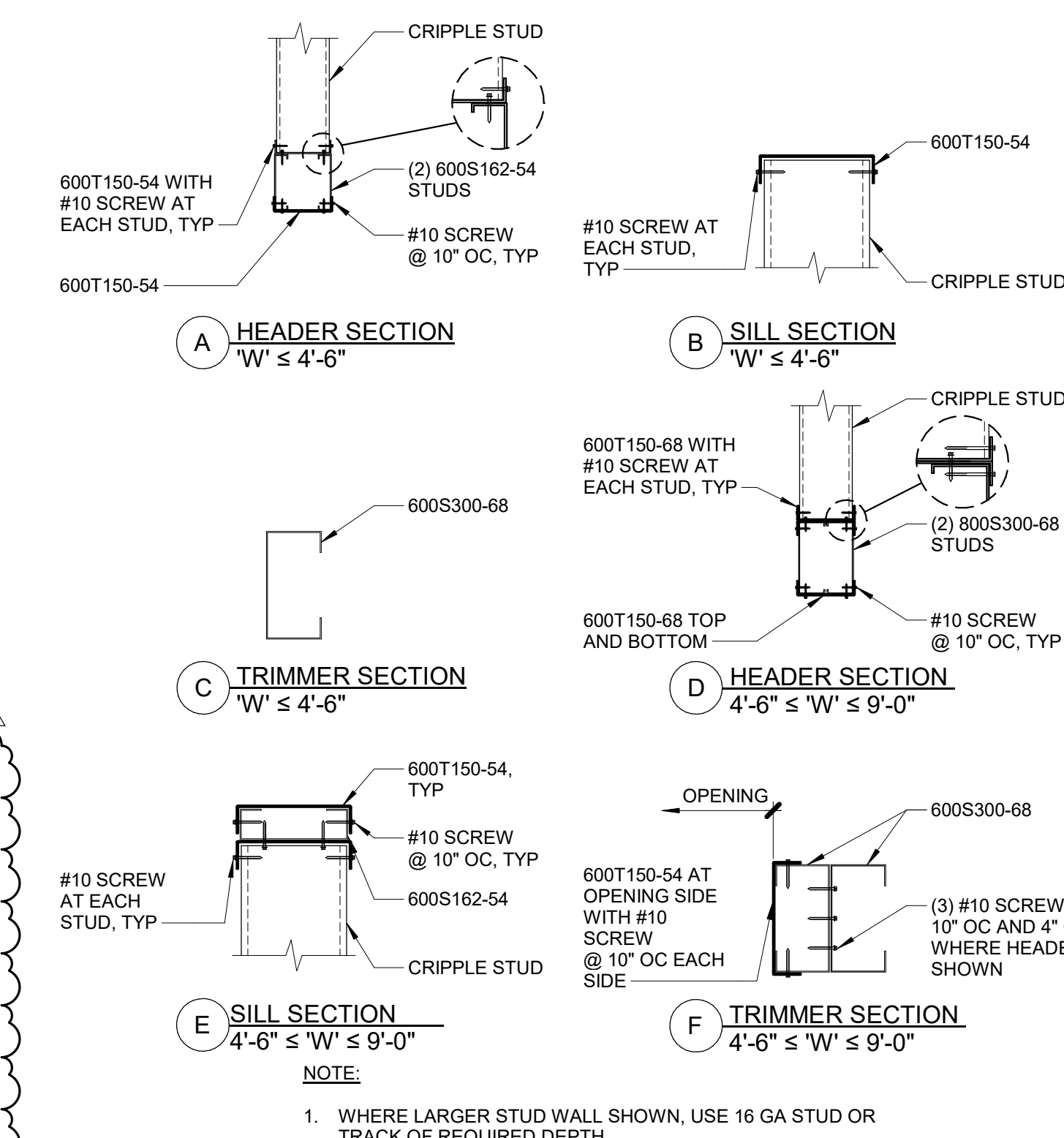
- FOR INTERIOR WALL CONDITIONS, SEE 8/S400.
- ALL STUDS ARE 16" OC MAX. SEE STRUCTURAL GENERAL NOTES FOR TYPICAL STUD SIZE AND GAUGE.
- ALL STUDS SHALL BE "S" STUDS WITH STIFFENED 1 5/8" FLANGE.
- IN NO CASE SHALL DOUBLE STUDS AT SIDES OF OPENINGS OR STRAP BRACING BE CUT FOR DUCTWORK OR OTHER MECH SYSTEMS.
- ALL ELEMENTS OF HEADER ASSEMBLIES SHALL BE CONT OVER OPENING.
- STUD SIZE SHOULD MATCH WALL SIZE. SEE ARCH.
- NO STUD PUNCHOUT OR HOLES SHALL OCCUR WITHIN 10" ABOVE/BELOW HEADER/SILL OR INSIDE HEADER/SILL ZONE.
- PUNCHOUT FOR WALL STUDS SHALL BE SPACED MIN 10" FROM EACH END OF THE STUD TO THE NEAREST EDGE OF PUNCHOUT.

MAX WALL
OPENING SIZE

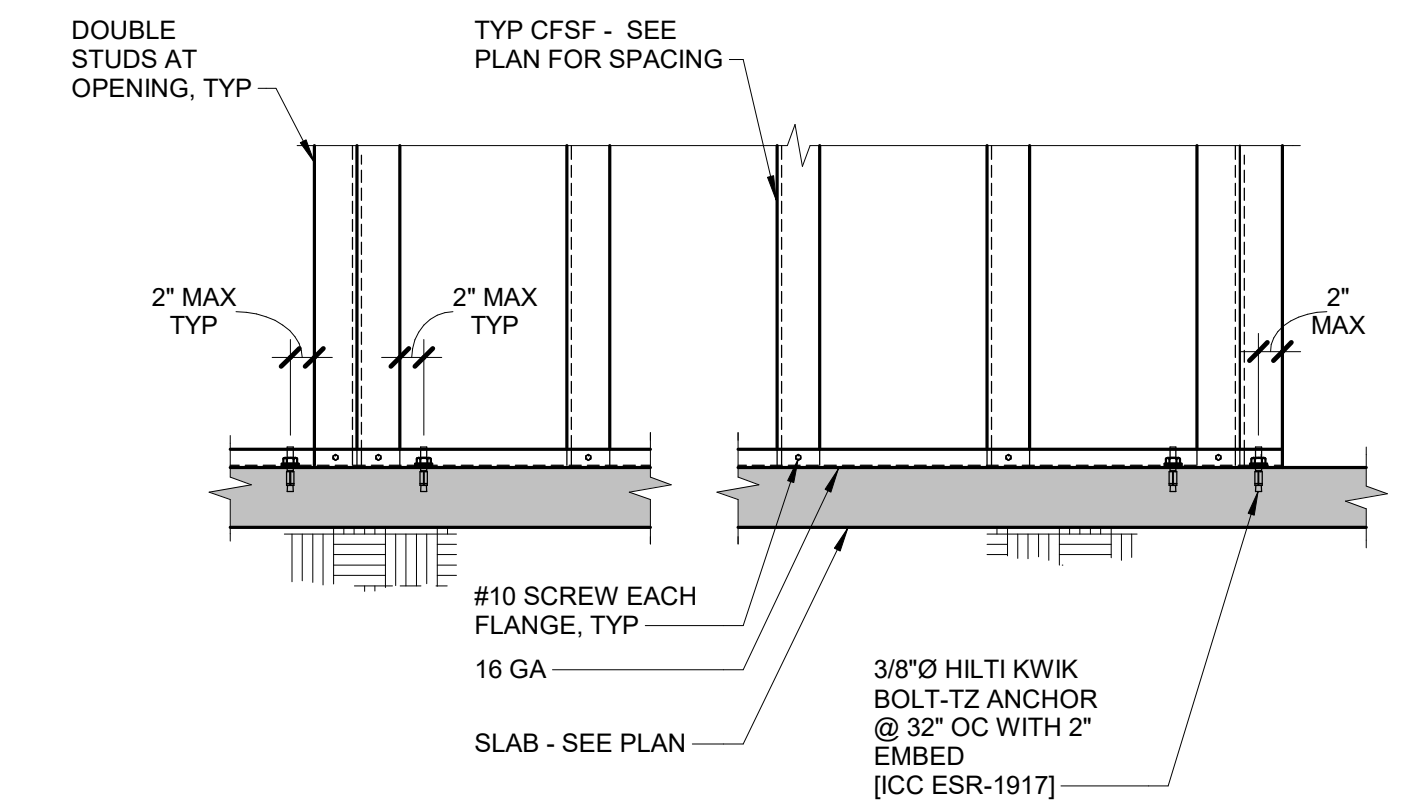
MARK	EXTERIOR	INTERIOR
'A'	9'-0"	8'-0"
'B'	4'-6"	4'-0"



EXTERIOR WALL
HEADER CONNECTIONS



EXTERIOR WALL OPENING
DETAILS



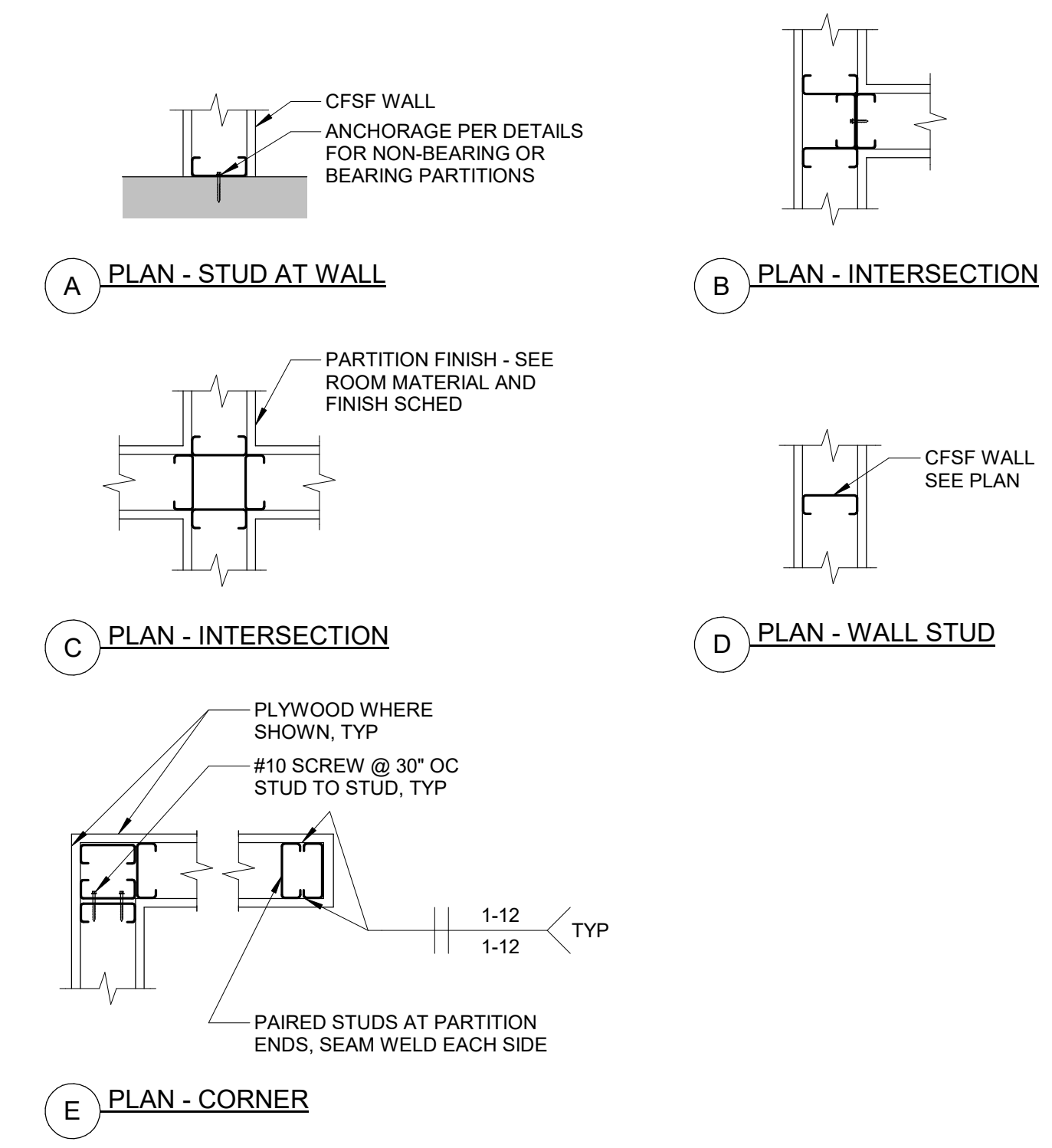
BEARING WALL TRACK
ANCHORAGE ELEVATION

1 LOAD BEARING WALL ELEVATION
3/4" = 1'-0"
S_CF-001

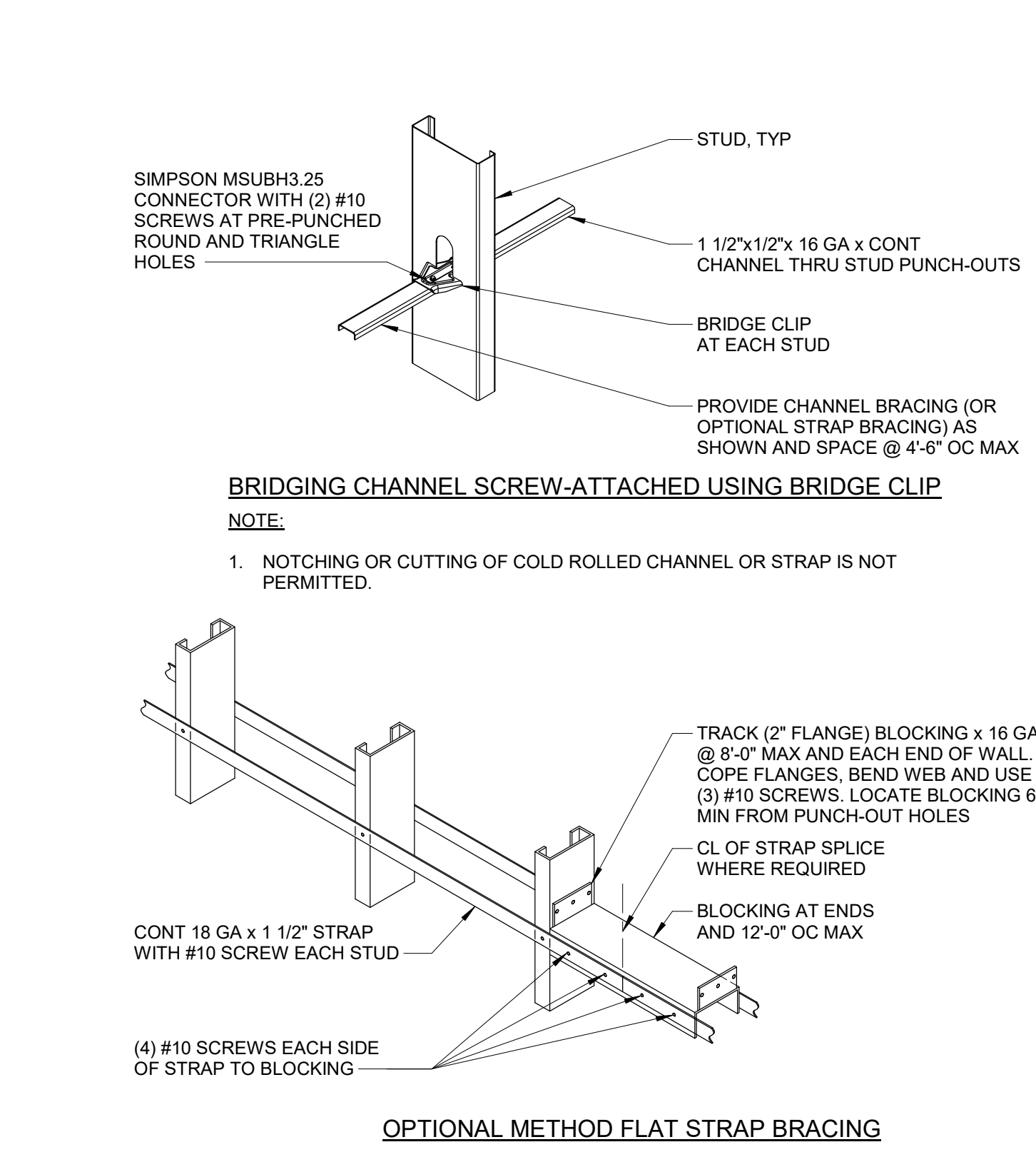
2 EXTERIOR WALL
HEADER CONNECTIONS
3/4" = 1'-0"
S_CF-004

3 EXTERIOR WALL OPENING
DETAILS
3/4" = 1'-0"
S_CF-002

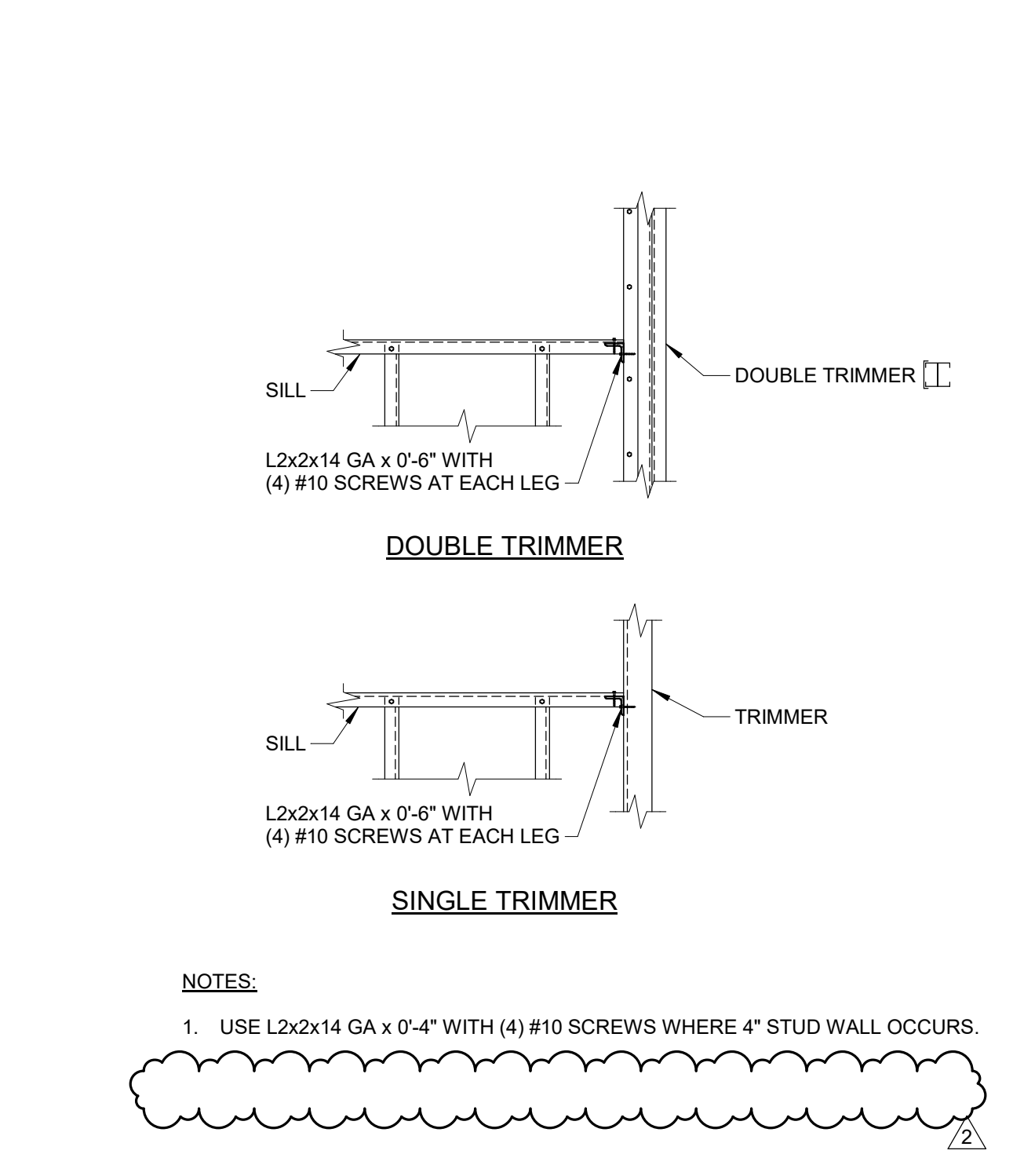
4 BEARING WALL TRACK
ANCHORAGE ELEVATION
3/4" = 1'-0"
S_CF-007



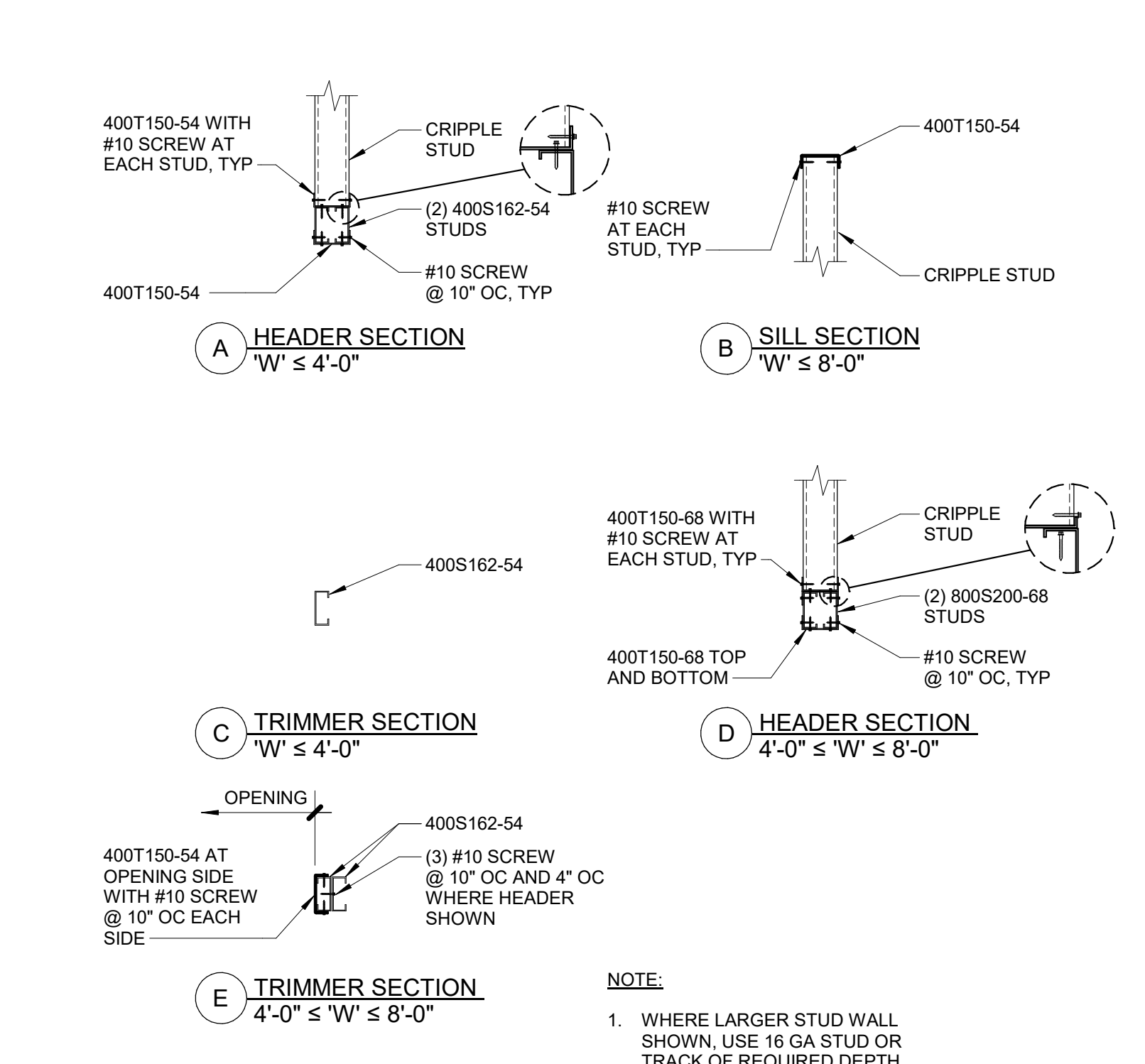
5 STUD WALL CORNER AND
INTERSECTION PLANS
3/4" = 1'-0"
S_CF-011



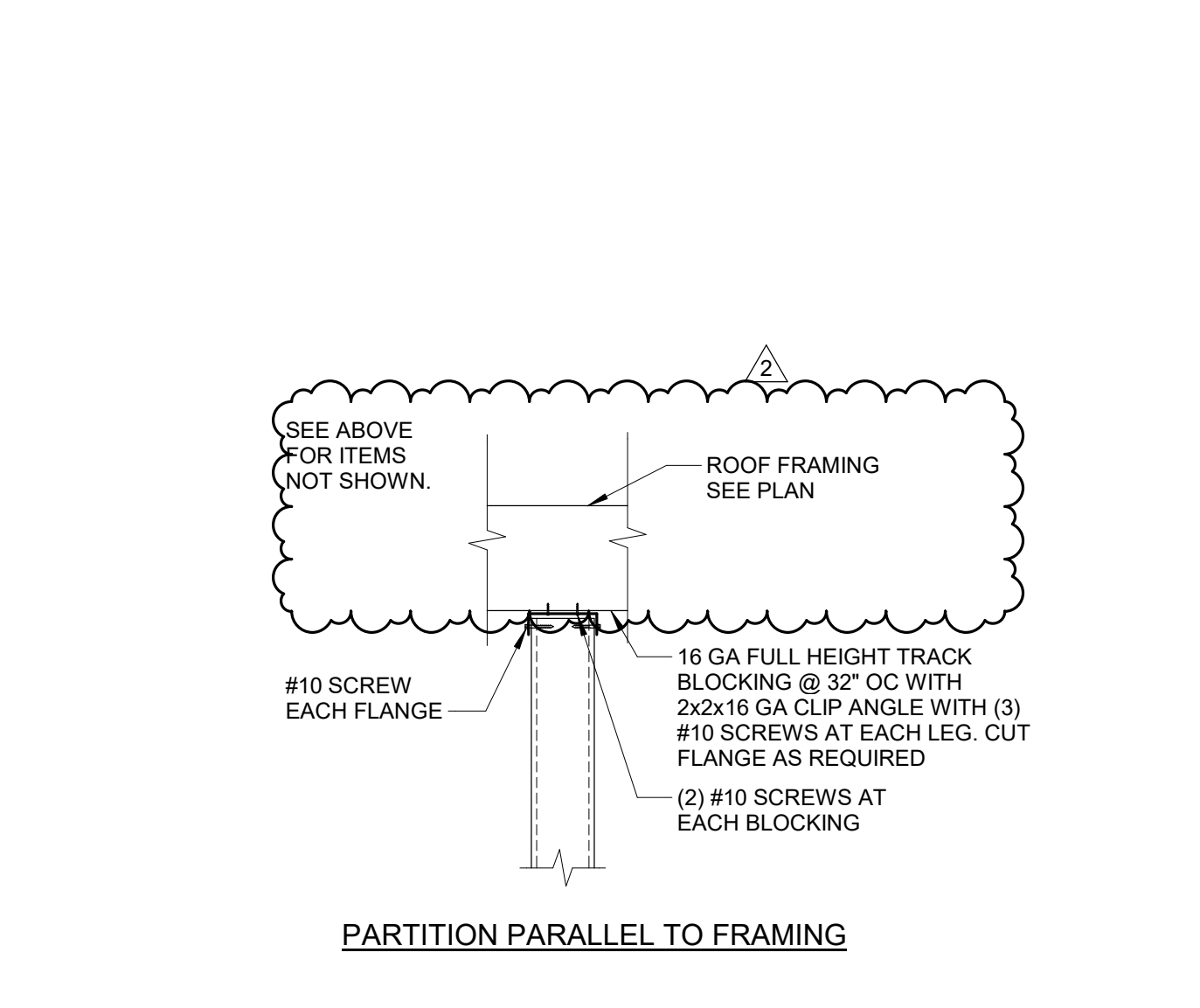
6 STUD WALL BRIDGING DETAILS
3/4" = 1'-0"
S_CF-306



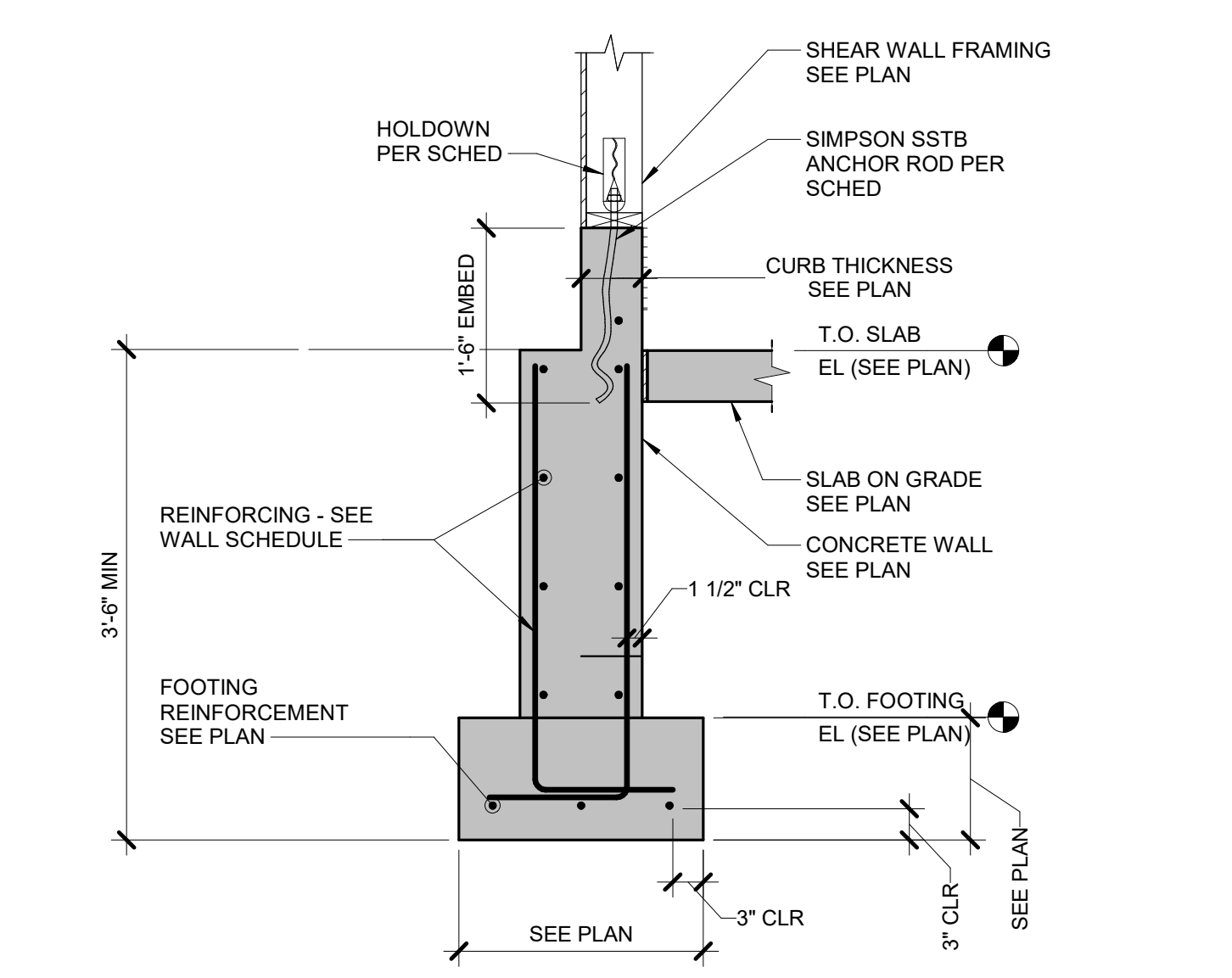
7 LOAD BEARING
WALL SILL CONNECTIONS
3/4" = 1'-0"
S_CF-006



8 INTERIOR WALL OPENING
DETAILS
3/4" = 1'-0"
S_CF-003



9 FULL HEIGHT NON-STRUCTURAL
WALL BRACING DETAILS
3/4" = 1'-0"
S_CF-300



10 SHEAR WALL HOLDDOWN AT
FOUNDATION
3/4" = 1'-0"
6530-07

IMEG
623 26th Avenue
Rock Island, IL 61201
P: 309.788.0673 F: 309.788.9967
www.imegcorp.com

IMEG RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN THEREON. ROAD DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF IMEG AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF IMEG. ©2024 IMEG CONSULTANTS CORP.

REF. SCALE IN INCHES: 1" = 1'-0"
PROJECT: 604009955-01

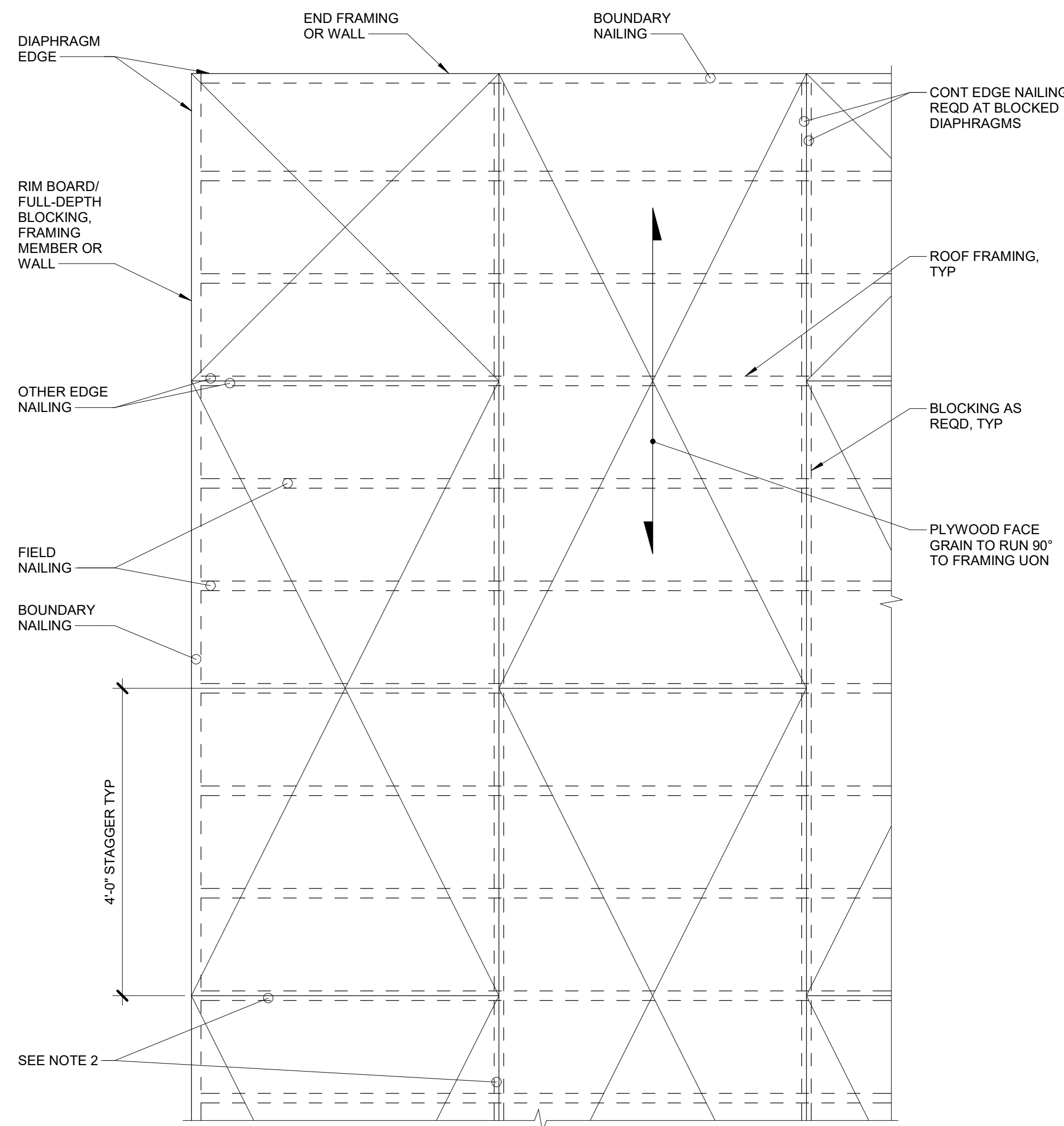
SIGNATURE _____
DATE _____

REVISIONS		
NO.	DESCRIPTION	DATE
1	ADDENDUM #1	02/10/25
2	ADDENDUM #2	02/12/25

PROJECT NUMBER: 224151.00
DATE OF ISSUE: 01/10/2025
DRAWN BY: _____
REVIEWED BY: _____

COLD FORM STEEL
FRAMING DETAILS

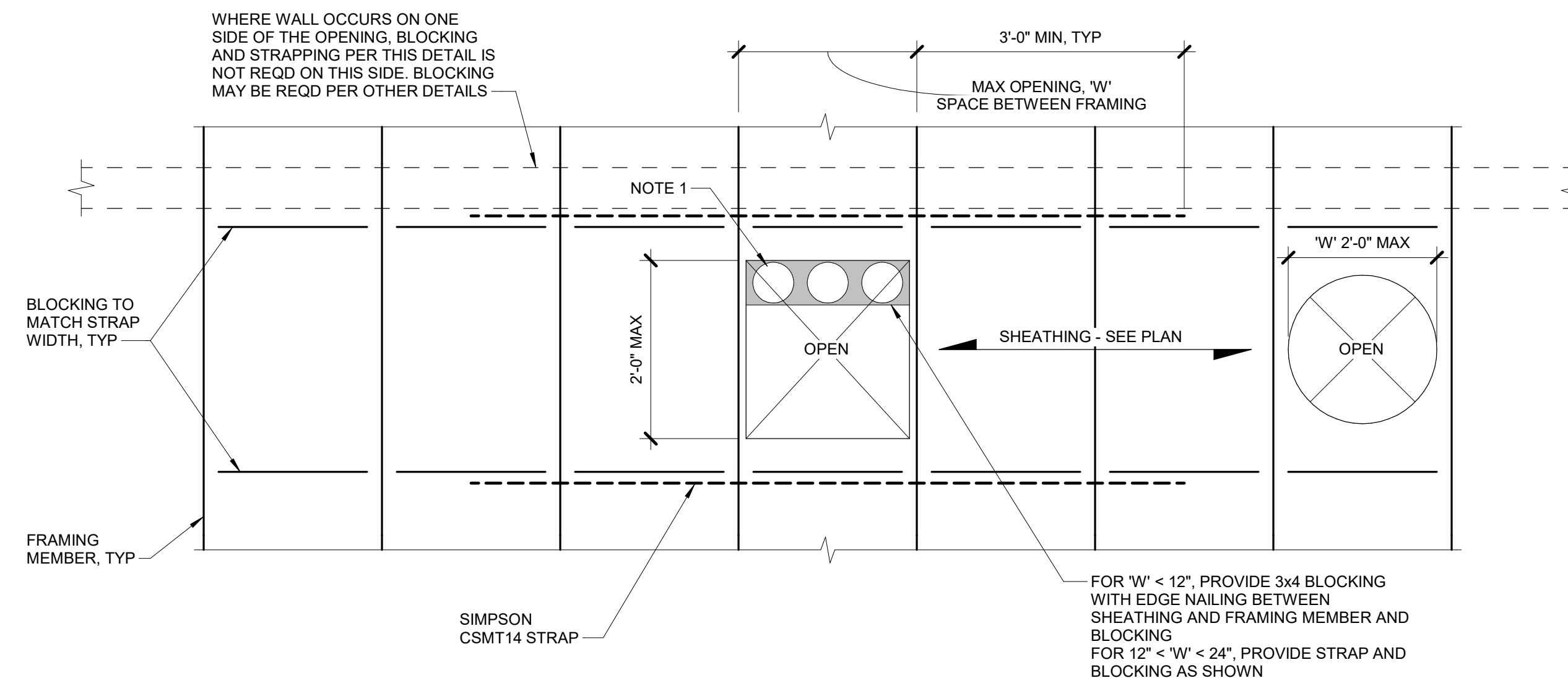
S400
BIDDING



NOTES:

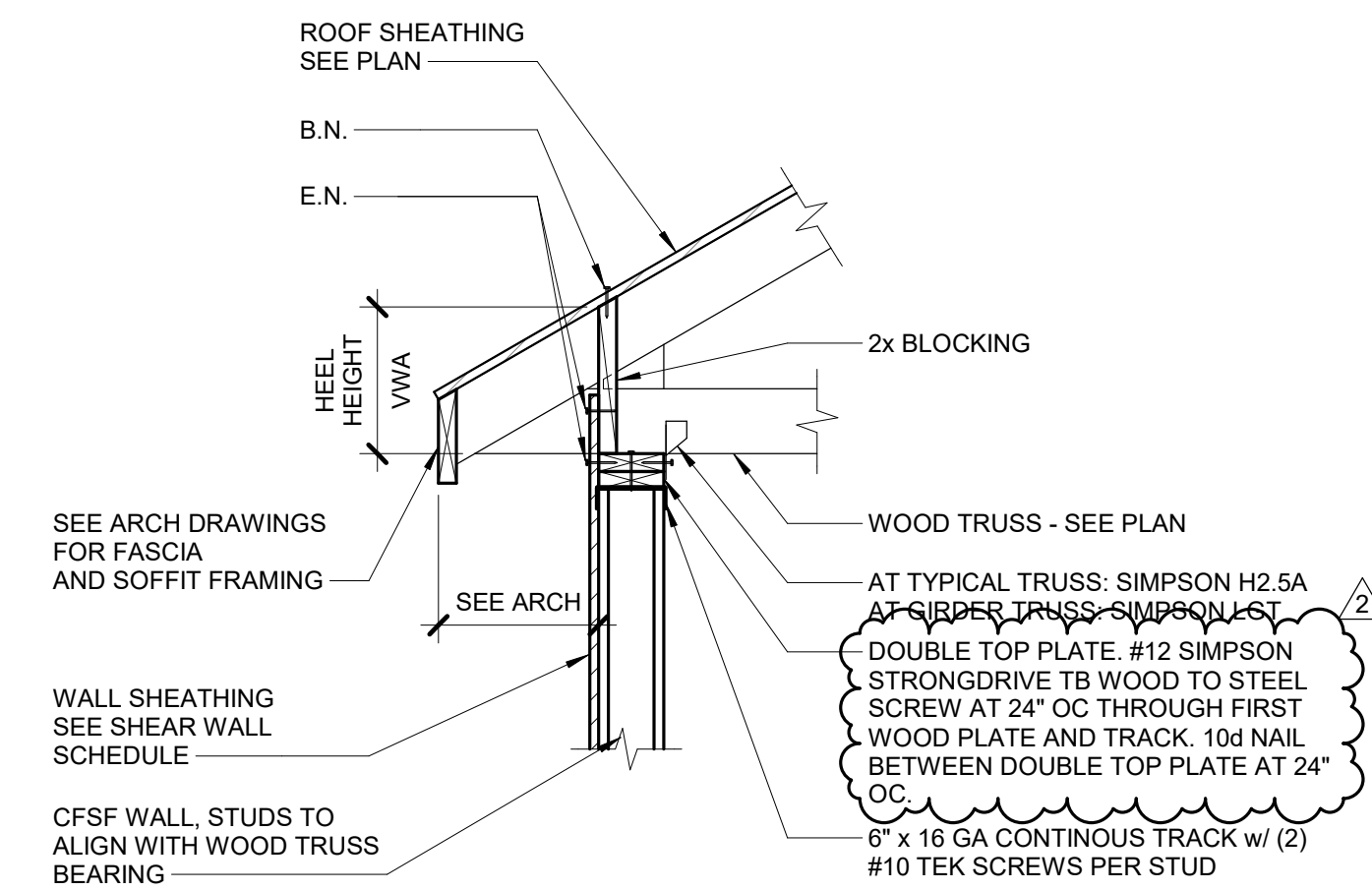
1. SHEATHING NAILS SHALL BE 10d NAILS, PENETRATING 1 1/2" INTO THE FRAMING MEMBER OR BLOCKING. ALL NAILS SHALL BE COMMON NAILS.
2. ALL INTERIOR PANEL EDGES SHOWN ON NAILING PLAN SHALL HAVE TWO ROWS OF BOUNDARY EDGE NAILING, ONE ROW EACH EDGE WHERE SHEATHING PANELS ABUT.
3. PLYWOOD THICKNESS, GRADE AND NAILING PER PLAN AND GENERAL NOTES.
4. ALL SHEATHING PANELS TO BE 4'-0" x 8'-0" EXCEPT WHERE JOB CONDITIONS PROHIBIT. JOINTS FROM SUCCESSIVE ROWS SHALL BE STAGGERED 4'-0" AS SHOWN. MINIMUM PANEL SIZE TO BE 2'-0" x 2'-0".
5. THE OWNER SHALL APPROVE THE USE OF OSB SHEATHING IN LIEU OF PLYWOOD SPECIFIED ON THE APPROVED CONTRACT DOCUMENTS.

1 ROOF DIAPHRAGM
3/4" = 1'-0"

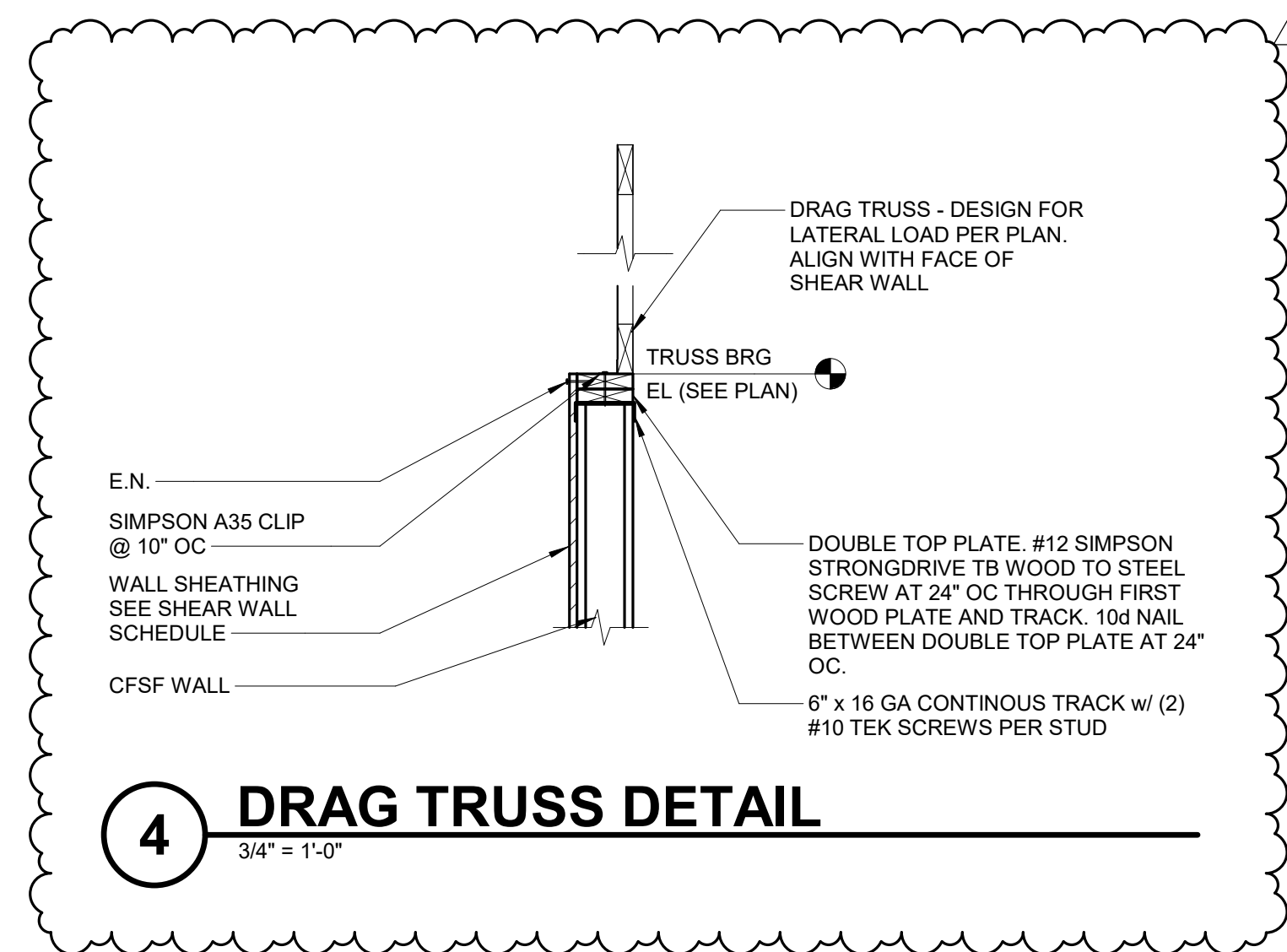


- NOTES:**
1. FOR MULTIPLE OPENINGS IN THE SAME BAY, TREAT AS ONE OPENING WITH 'W' BEING THE COLLECTIVE OPENING WIDTH

2 SMALL OPENING AT PLYWOOD DIAPHRAGM
3/4" = 1'-0"



3 TRUSS BEARING AT EXTERIOR WALL DETAIL
3/4" = 1'-0"
S_W-202

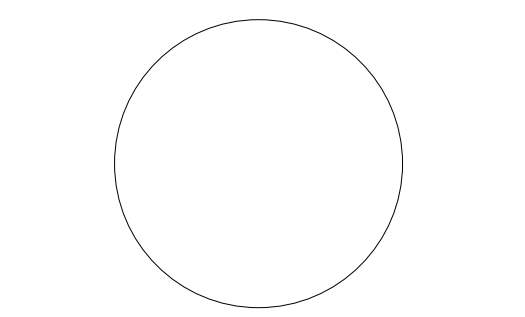


4 DRAG TRUSS DETAIL
3/4" = 1'-0"

IMEG
623 26TH AVENUE
ROCK ISLAND, IL 61201
P: 309.788.0673 F: 309.788.8967
www.imegcorp.com

IMEG RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN THEREON. THIS DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF IMEG AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF IMEG CONSULTANTS CORP.

0 1 2 3
REF. SCALE IN INCHES PROJECT #20090955.01



SIGNATURE _____
DATE _____

REVISIONS		
NO.	DESCRIPTION	DATE
2	ADDENDUM #2	02/12/25

PROJECT NUMBER 224151.00
DATE OF ISSUE 01/10/2025
DRAWN BY -
REVIEWED BY -

WOOD DETAILS

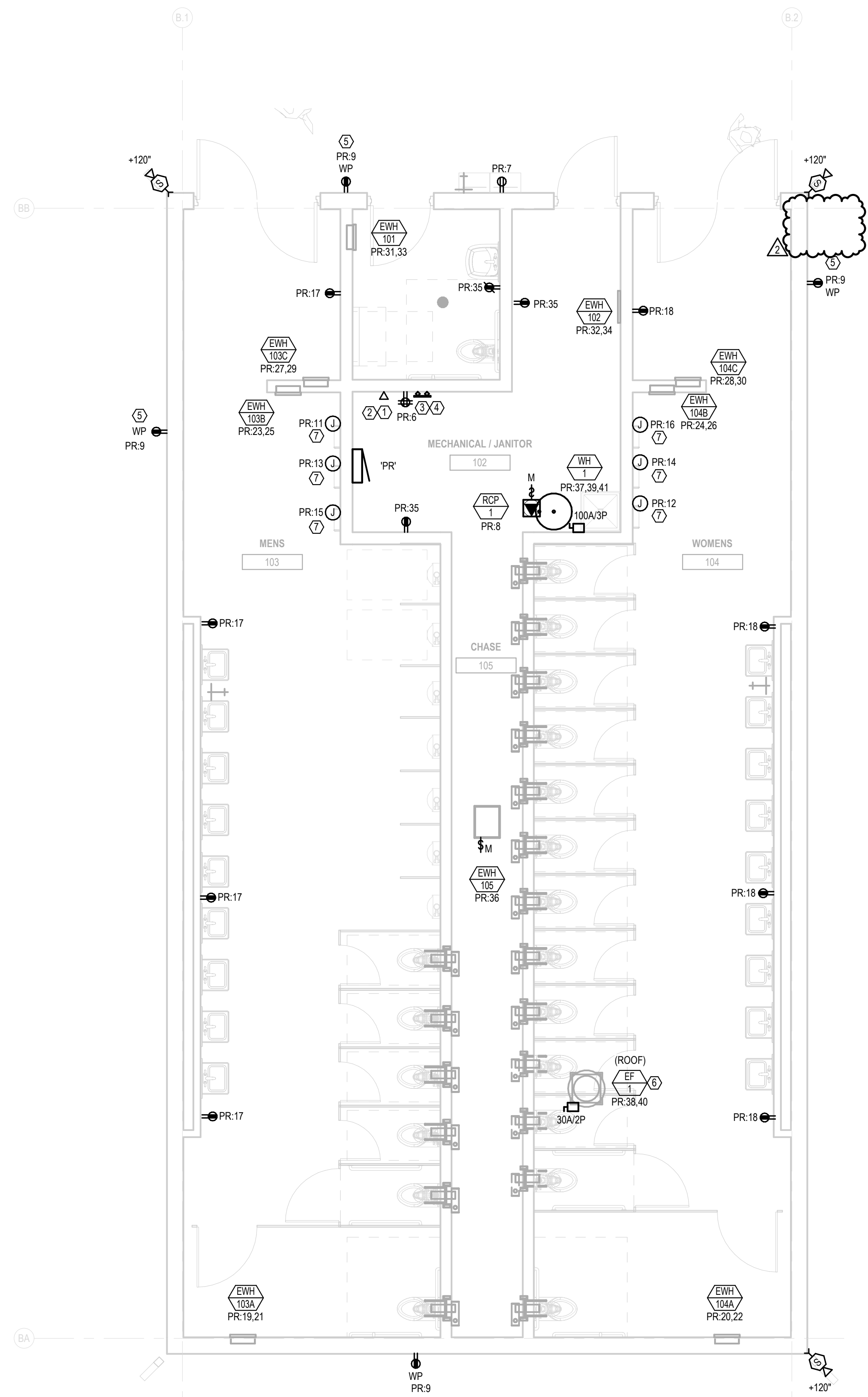
S500
BIDDING

GENERAL NOTES:

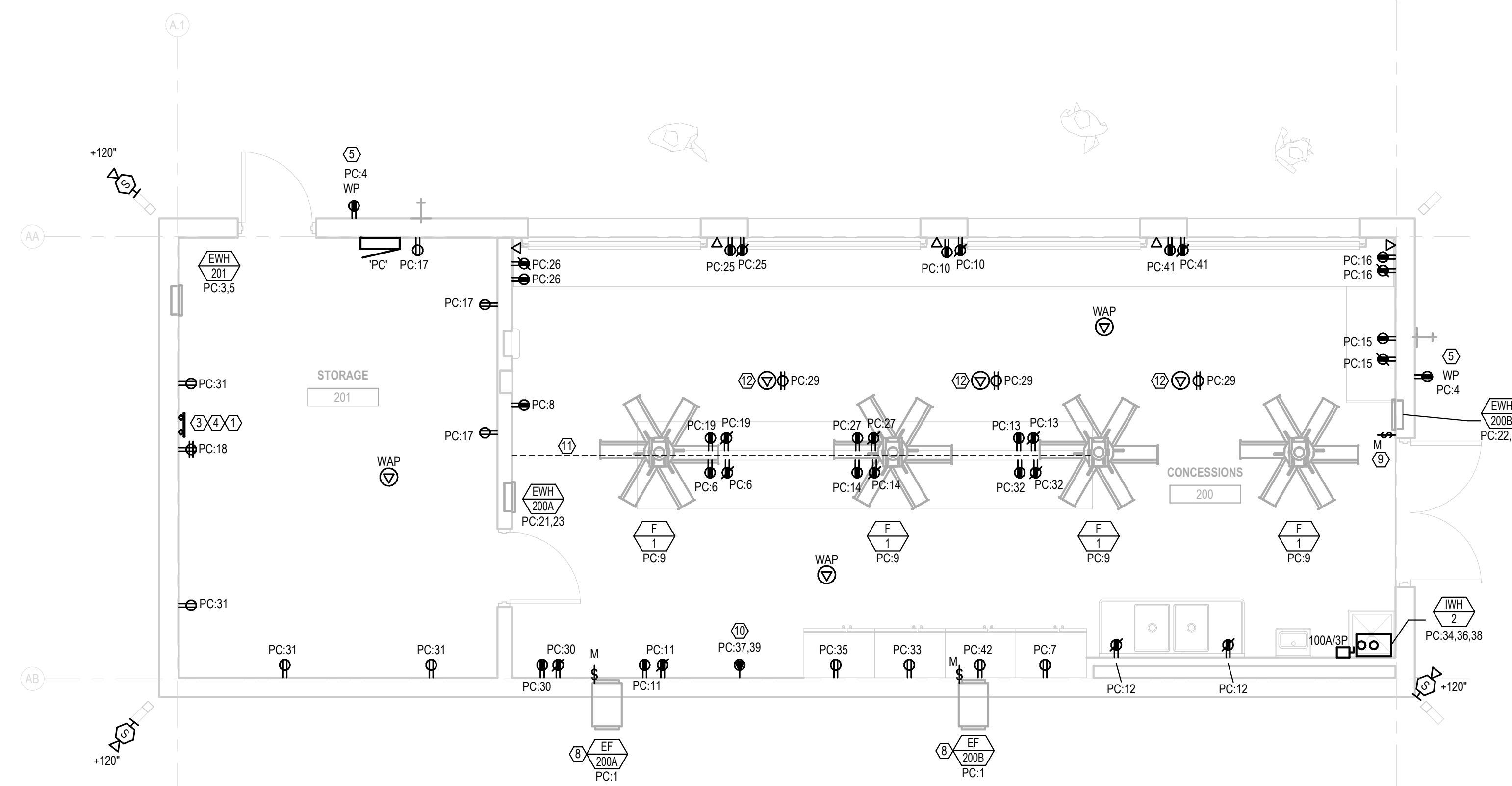
1. REFER TO ELECTRICAL GENERAL NOTES AND SYMBOLS ON SHEET E-001.
2. REFER TO PROJECT MANUAL FOR SPECIFICATIONS.
3. INSTALL WALL MOUNTED OUTLETS 18" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE.
4. PROVIDE A SEPARATE GROUNDING CONDUCTOR SIZED PER NEC 250.122 INSTALLED ON MECHANICAL EQUIPMENT. REFER TO E-301 FOR FEEDER, GROUND, AND CONDUIT SIZES.
5. REFER TO ARCHITECTURAL PLANS FOR FINAL MOUNTING HEIGHTS AND FINAL FIXTURE LOCATIONS.
6. ALL WALL RECEPTACLES ARE RECESSED MOUNTED.
7. ALL RECEPTACLES TO BE TAMPER RESISTANT RECEPTACLES PER NEC 406.12.
8. COORDINATE FINAL SECURITY CAMERA LOCATIONS WITH OWNER PRIOR TO INSTALLATION.

KEYNOTES:

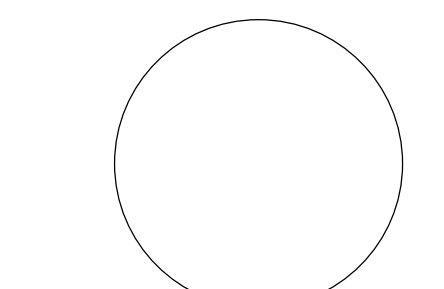
1. EC TO PROVIDE TWO (2) 2" CONDUIT BETWEEN MECHANICAL JUNCTION 102 IN RESTROOM BUILDING TO STORAGE 201 IN CONCESSION BUILDING FOR FUTURE DATA/SECURITY CONNECTIONS. COORDINATE WORK WITH CIVIL CONTRACTOR.
2. EC TO PROVIDE TWO (2) 2" CONDUIT FROM MECHANICAL JUNCTION 102 IN TOILET BUILDING TO HANDHOLE BOX FOR FUTURE SIGN LOCATION. REFER TO 18S-101 FOR HANDHOLE BOX LOCATION. COORDINATE WORK WITH CIVIL CONTRACTOR.
3. ELECTRICAL CONTRACTOR TO PROVIDE PLYWOOD BACKBOARD AND GROUND BUSBAR FOR INSTALLATION OF NETWORK SWITCH PROVIDED BY OTHERS.
4. PROVIDE 1" CONDUIT AND A BUILDING PENETRATION FOR POINT TO POINT BRIDGING EQUIPMENT TO PLYWOOD BACKBOARD. LOCATION SHALL BE COORDINATED WITH OWNER FOR SMALL NETWORK SWITCH PROVIDED BY THE SCHOOL DISTRICT. COORDINATE EXACT DESIRED LOCATION FOR POINT TO POINT ON BUILDING PRIOR TO INSTALLATION.
5. PROVIDE LOCKABLE OUTLET COVER FOR EXTERIOR RECEPTACLE.
6. EXHAUST FAN TO BE CONTROLLED BY A TIME CLOCK. PROVIDE NECESSARY COMPONENTS FOR COMPLETE OPERATION.
7. PROVIDE ELECTRICAL CONNECTION FOR HAND DRYER. COORDINATE REQUIREMENT WITH OWNER.
8. EXHAUST FAN TO BE CONTROLLED WITH LIGHTING. PROVIDE COMPLETE COMPONENT FOR AN OPERATIONAL SYSTEM.
9. PROVIDE SWITCH TO CONTROL CIRCULATING FANS F-1.
10. PROVIDE NEMA L14-30 DEVICE AT 3'6" AFF. WITH 3/8" AND 1/10" GND IN 1" C FOR POPCORN MACHINE. COORDINATE SPECIFIC LOCATION AND CONFIRM FINAL REQUIREMENT WITH OWNER PRIOR TO INSTALLATION.
11. EC TO PROVIDE (6) 3/4" CONDUIT FOR POWER ROUTED AS SHOWN TO ACCESSIBLE FULL HEIGHT WALL. COORDINATE EXACT QUANTITY WITH DEVICES SHOWN ON FLOOR PLAN.
12. PROVIDE POWER AND DATA CONNECTIONS FOR CEILING MOUNTED TV. COORDINATE FINAL LOCATION AND REQUIREMENT WITH OWNER.



1 ELECTRICAL FIRST FLOOR POWER PLAN - TOILET ROOM
E-101 1/4" = 1'-0"



2 ELECTRICAL FIRST FLOOR POWER PLAN - CONCESSIONS
E-101 1/4" = 1'-0"



SIGNATURE

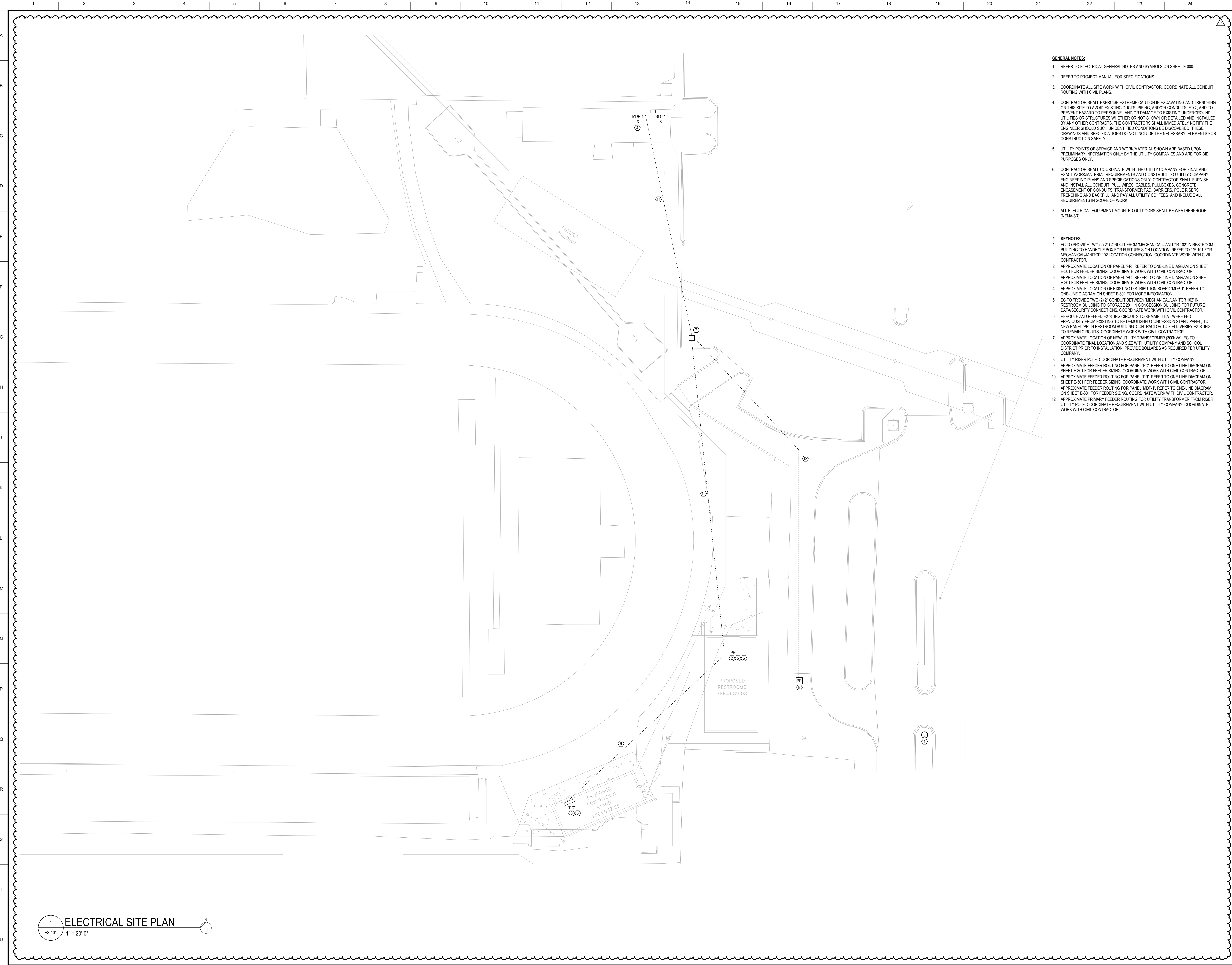
DATE

REVISIONS		
NO.	DESCRIPTION	DATE
1	ADDENDUM #1	02.10.25
2	ADDENDUM #2	02.12.25

PROJECT NUMBER 224151.00
DATE OF ISSUE 01/29/2024
DRAWN BY CM
REVIEWED BY NI

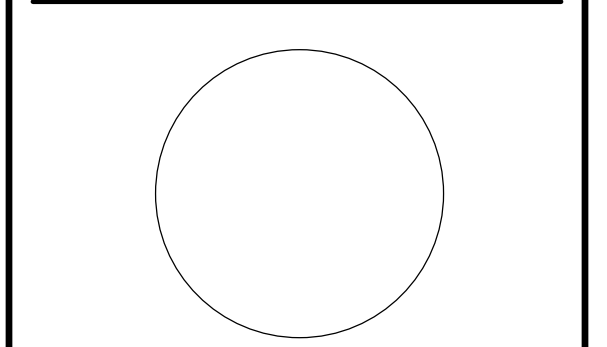
ELECTRICAL FIRST
FLOOR POWER PLAN

E-101
BIDDING



- GENERAL NOTES:**
- REFER TO ELECTRICAL GENERAL NOTES AND SYMBOLS ON SHEET E-000.
 - REFER TO PROJECT MANUAL FOR SPECIFICATIONS.
 - COORDINATE ALL SITE WORK WITH CIVIL CONTRACTOR. COORDINATE ALL CONDUIT ROUTING WITH CIVIL PLANS.
 - CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON THIS SITE TO AVOID EXISTING DUCTS, PIPING, AND/OR CONDUITS, ETC., AND TO PREVENT HAZARD TO PERSONNEL AND/OR DAMAGE TO EXISTING UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN OR DETAILED AND INSTALLED BY ANY OTHER CONTRACTORS. THE CONTRACTORS SHALL IMMEDIATELY NOTIFY THE ENGINEER SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE THE NECESSARY ELEMENTS FOR CONSTRUCTION SAFETY.
 - UTILITY POINTS OF SERVICE AND WORKMATERIAL SHOWN ARE BASED UPON PRELIMINARY INFORMATION ONLY BY THE UTILITY COMPANIES AND ARE FOR BID PURPOSES ONLY.
 - CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY FOR FINAL AND EXACT WORKMATERIAL REQUIREMENTS AND CONSTRUCT TO UTILITY COMPANY ENGINEERING PLANS AND SPECIFICATIONS ONLY. CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUIT, PULL WIRES, CABLES, PULLBOXES, CONCRETE ENCASUREMENT OF CONDUITS, TRANSFORMER PAD, BARRIERS, POLE RISERS, TRENCHING AND BACKFILL, AND PAY ALL UTILITY CO. FEES AND INCLUDE ALL REQUIREMENTS IN SCOPE OF WORK.
 - ALL ELECTRICAL EQUIPMENT MOUNTED OUTDOORS SHALL BE WEATHERPROOF (NEMA-3R).

- # KEYNOTES**
- EC TO PROVIDE TWO (2) 2" CONDUIT FROM MECHANICAL JANITOR 102 IN RESTROOM BUILDING TO HANDHOLE BOX FOR FUTURE SIGN LOCATION. REFER TO 11E-101 FOR MECHANICAL JANITOR 102 LOCATION CONNECTION. COORDINATE WORK WITH CIVIL CONTRACTOR.
 - APPROXIMATE LOCATION OF PANEL 'PP'. REFER TO ONE-LINE DIAGRAM ON SHEET E-301 FOR FEEDER SIZING. COORDINATE WORK WITH CIVIL CONTRACTOR.
 - APPROXIMATE LOCATION OF PANEL 'PC'. REFER TO ONE-LINE DIAGRAM ON SHEET E-301 FOR FEEDER SIZING. COORDINATE WORK WITH CIVIL CONTRACTOR.
 - APPROXIMATE LOCATION OF EXISTING DISTRIBUTION BOARD 'MDP-1'. REFER TO ONE-LINE DIAGRAM ON SHEET E-301 FOR MORE INFORMATION.
 - EC TO PROVIDE TWO (2) 2" CONDUIT BETWEEN MECHANICAL JANITOR 102 IN RESTROOM BUILDING TO STORAGE 201 IN CONCESSION BUILDING FOR FUTURE DATA/SECURITY CONNECTIONS. COORDINATE WORK WITH CIVIL CONTRACTOR.
 - REROUTE AND REFEED EXISTING CIRCUITS TO REMAIN, THAT WERE FED PREVIOUSLY FROM EXISTING TO BE DEMOLISHED CONCESSION STAND PANEL, TO NEW PANEL 'PP' IN RESTROOM BUILDING. CONTRACTOR TO FIELD VERIFY EXISTING TO REMAIN CIRCUITS. COORDINATE WORK WITH CIVIL CONTRACTOR.
 - APPROXIMATE LOCATION OF NEW UTILITY TRANSFORMER (300kVA). EC TO COORDINATE FINAL LOCATION AND SIZE WITH UTILITY COMPANY AND SCHOOL DISTRICT PRIOR TO INSTALLATION. PROVIDE BOLLARDS AS REQUIRED PER UTILITY COMPANY.
 - UTILITY RISER POLE. COORDINATE REQUIREMENT WITH UTILITY COMPANY.
 - APPROXIMATE FEEDER ROUTING FOR PANEL 'PC'. REFER TO ONE-LINE DIAGRAM ON SHEET E-301 FOR FEEDER SIZING. COORDINATE WORK WITH CIVIL CONTRACTOR.
 - APPROXIMATE FEEDER ROUTING FOR PANEL 'PP'. REFER TO ONE-LINE DIAGRAM ON SHEET E-301 FOR FEEDER SIZING. COORDINATE WORK WITH CIVIL CONTRACTOR.
 - APPROXIMATE FEEDER ROUTING FOR PANEL 'MDP-1'. REFER TO ONE-LINE DIAGRAM ON SHEET E-301 FOR FEEDER SIZING. COORDINATE WORK WITH CIVIL CONTRACTOR.
 - APPROXIMATE PRIMARY FEEDER ROUTING FOR UTILITY TRANSFORMER FROM RISER UTILITY POLE. COORDINATE REQUIREMENT WITH UTILITY COMPANY. COORDINATE WORK WITH CIVIL CONTRACTOR.

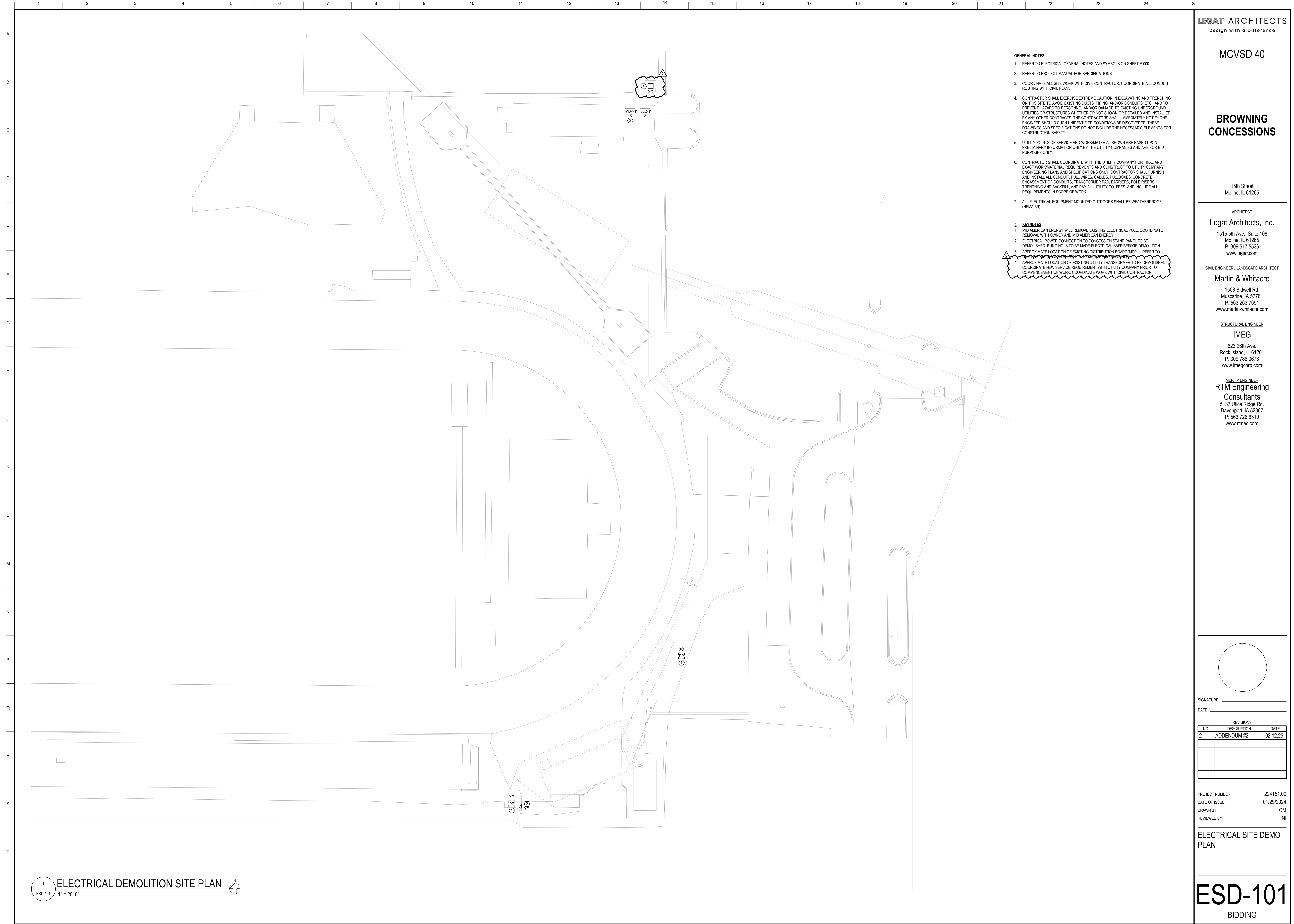


SIGNATURE _____
DATE _____

REVISIONS		
NO	DESCRIPTION	DATE
2	ADDENDUM #2	02.12.25

PROJECT NUMBER 224151.00
DATE OF ISSUE 01/29/2024
DRAWN BY CM
REVIEWED BY NI

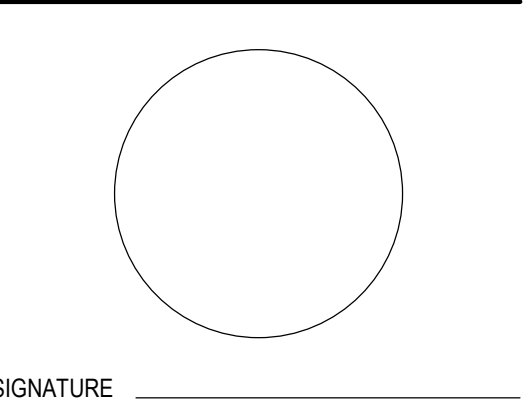
ELECTRICAL SITE PLAN



- GENERAL NOTES:**
- REFER TO ELECTRICAL GENERAL NOTES AND SYMBOLS ON SHEET E-000.
 - REFER TO PROJECT MANUAL FOR SPECIFICATIONS.
 - COORDINATE ALL SITE WORK WITH CIVIL CONTRACTOR. COORDINATE ALL CONDUIT ROUTING WITH CIVIL PLANS.
 - CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON THIS SITE TO AVOID EXISTING DUCTS, PIPING, AND/OR CONDUITS, ETC., AND TO PREVENT HAZARD TO PERSONNEL AND/OR DAMAGE TO EXISTING UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN OR DETAILED AND INSTALLED BY ANY OTHER CONTRACTS. THE CONTRACTORS SHALL IMMEDIATELY NOTIFY THE ENGINEER SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE THE NECESSARY ELEMENTS FOR CONSTRUCTION SAFETY.
 - UTILITY POINTS OF SERVICE AND WORKMATERIAL SHOWN ARE BASED UPON PRELIMINARY INFORMATION ONLY BY THE UTILITY COMPANIES AND ARE FOR BID PURPOSES ONLY.
 - CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY FOR FINAL AND EXACT WORKMATERIAL REQUIREMENTS AND CONSTRUCT TO UTILITY COMPANY ENGINEERING PLANS AND SPECIFICATIONS ONLY. CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUIT, PULL WIRES, CABLES, PULLBOXES, CONCRETE ENCASUREMENT OF CONDUITS, TRANSFORMER PAD, BARRIERS, POLE RISERS, TRENCHING AND BACKFILL, AND PAY ALL UTILITY CO. FEES AND INCLUDE ALL REQUIREMENTS IN SCOPE OF WORK.
 - ALL ELECTRICAL EQUIPMENT MOUNTED OUTDOORS SHALL BE WEATHERPROOF (NEMA-3R).

- # KEYNOTES**
- MID AMERICAN ENERGY WILL REMOVE EXISTING ELECTRICAL POLE. COORDINATE REMOVAL WITH OWNER AND MID AMERICAN ENERGY.
 - ELECTRICAL POWER CONNECTION TO CONCESSION STAND PANEL TO BE DEMOLISHED. BUILDING IS TO BE MADE ELECTRICAL-SAFE BEFORE DEMOLITION.
 - APPROXIMATE LOCATION OF EXISTING DISTRIBUTION BOARD 'MDP-1'. REFER TO [Symbol]
 - APPROXIMATE LOCATION OF EXISTING UTILITY TRANSFORMER TO BE DEMOLISHED. COORDINATE NEW SERVICE REQUIREMENT WITH UTILITY COMPANY PRIOR TO COMMENCEMENT OF WORK. COORDINATE WORK WITH CIVIL CONTRACTOR.

1 ELECTRICAL DEMOLITION SITE PLAN
 ESD-101 1" = 20'-0"



SIGNATURE _____
 DATE _____

REVISIONS		
NO.	DESCRIPTION	DATE
2	ADDENDUM #2	02.12.25

PROJECT NUMBER 224151.00
 DATE OF ISSUE 01/29/2024
 DRAWN BY CM
 REVIEWED BY NI

**ELECTRICAL SITE DEMO
 PLAN**