



AIA[®] Document G710[™] – 2017

Architect's Supplemental Instructions

PROJECT: *(name and address)*
Wilma P. Mankiller Health Center
Expansion
Stilwell, OK

CONTRACT INFORMATION:
Contract For: CMAR

Date:

ASI INFORMATION:
ASI Number: Bid Package 01 - ASI 001

Date: 01/10/20

OWNER: *(name and address)*
Cherokee Nation Property Management,
LLC

ARCHITECT: *(name and address)*
James R Childers Architect Inc.

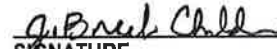
CONTRACTOR: *(name and address)*
M Ross Inc

The Contractor shall carry out the Work in accordance with the following supplemental instructions without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgment that there will be no change in the Contract Sum or Contract Time.
(Insert a detailed description of the Architect's supplemental instructions and, if applicable, attach or reference specific exhibits.)
See attached narrative from Chavez Grieves

ISSUED BY THE ARCHITECT:

James R Childers Architect Inc.

ARCHITECT *(Firm, name)*



SIGNATURE

Breck Childers

PRINTED NAME AND TITLE

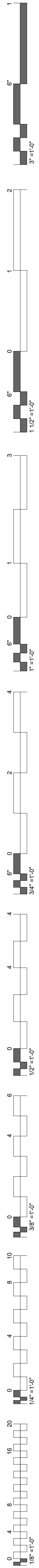
01/10/20

DATE

Bid Package 01- ASI 01 – Wilma P. Mankiller Health Center Expansion

Chavez-Grieves would like to incorporate the following revisions into the drawings for the above referenced project.

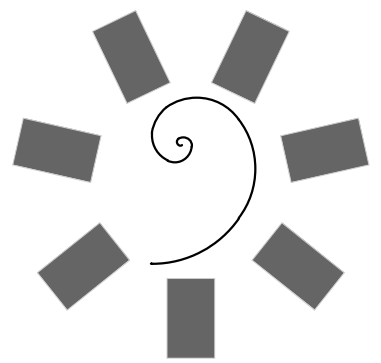
<u>Sheet</u>	<u>Description</u>
S2.01	SidePlate connection designations updated for elevations A4, A5, and C4.
S8.01	SidePlate information updated.
S8.02	SidePlate information updated.
S8.04	SidePlate information updated.
S8.06	SidePlate information updated.
S8.07	SidePlate information and sheet title updated.
S8.08	Sheet added.



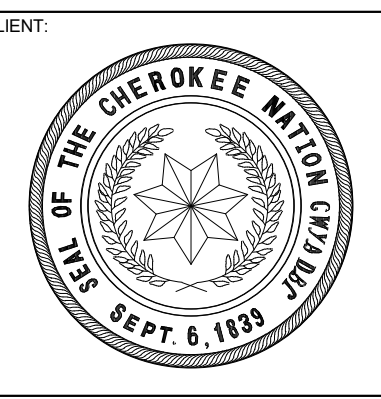
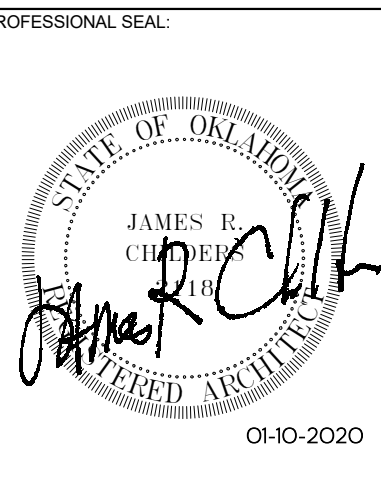
WILMA P. MANKILLER HEALTH CENTER EXPANSION

BID PACKAGE 01 (DEMOLITION / STEEL / FOUNDATIONS)

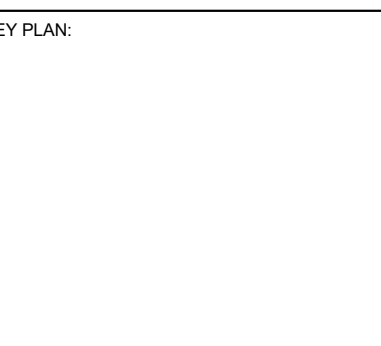
INDEX OF DRAWINGS - BID PACKAGE 01		11-01-19 - BID PACKAGE 01	11-22-19 - BID PACKAGE 01 - ADDENDUM 01	12-10-19 - BID PACKAGE 01 - ADDENDUM 02	01-10-20 - BID PACKAGE 01 - AS01
SHEET NUMBER	SHEET NAME				
GENERAL					
G0.01	COVER / INDEX				
CIVIL					
C002	GENERAL NOTES				
CS100	EXISTING SITE PLAN				
CS101	DEMOLITION PLAN				
CS102	DEMOLITION PLAN				
CE100	EROSION CONTROL SITE PLAN				
CE500	EROSION CONTROL DETAILS				
ARCHITECTURAL					
A0.01	OVERALL BUILDING DEMOLITION PLAN				
STRUCTURAL					
S0.01	ABBREVIATIONS AND LEGENDS				
S0.02	GENERAL STRUCTURAL NOTES				
S0.03	GENERAL STRUCTURAL NOTES AND SPECIAL INSPECTIONS				
SD0.01	DEMOLITION GENERAL STRUCTURAL NOTES				
SD1.01	DEMOLITION PLANS - SECTOR 1				
SD2.01	DEMOLITION SECTIONS				
S1.00	OVERALL PLAN - FOUNDATION				
S1.01	FOUNDATION PLAN SECTOR 1				
S1.02	FOUNDATION PLAN SECTOR 2				
S1.10	OVERALL PLAN - FLOOR FRAMING				
S1.11	FLOOR FRAMING PLAN - SECTOR 1				
S1.12	FLOOR FRAMING PLAN - SECTOR 2				
S1.13	LOW ROOF FRAMING PLAN				
S1.20	OVERALL PLAN - ROOF FRAMING				
S1.21	ROOF FRAMING PLAN - SECTOR 1				
S1.22	ROOF FRAMING PLAN - SECTOR 2				
S2.01	MOMENT FRAME AND BRACED FRAME ELEVATIONS				
S3.01	WALL SECTIONS				
S3.02	WALL SECTIONS				
S3.03	WALL SECTIONS				
S3.04	WALL SECTIONS				
S3.11	FOUNDATION SECTIONS				
S3.12	FOUNDATION SECTIONS				
S3.21	FLOOR FRAMING SECTIONS				
S3.31	ROOF FRAMING SECTIONS				
S4.01	ENLARGED PLANS				
S5.21	MASONRY FRAMING SECTIONS AND DETAILS				
S6.41	VERTICAL CIRCULATION DETAILS				
S5.51	STEEL DETAILS				
S5.52	STEEL DETAILS				
S5.53	STEEL DETAILS				
S5.54	STEEL DETAILS				
S6.01	SCHEDULES				
S7.11	TYPICAL CONCRETE DETAILS				
S7.21	TYPICAL MASONRY DETAILS				
S7.31	TYPICAL COLD-FORMED DETAILS				
S7.41	TYPICAL STEEL DETAILS				
S7.42	TYPICAL STEEL DETAILS				
S8.01	SIDEPLATE GENERAL NOTES AND CONSTRUCTION GUIDELINES				
S8.02	SIDEPLATE COLUMN DETAILS, A TYPE				
S8.03	SIDEPLATE COLUMN DETAILS, B TYPE				
S8.04	SIDEPLATE BEAM DETAILS				
S8.05	SIDEPLATE BEAM DETAILS, NARROW				
S8.06	SIDEPLATE FIELD ERECTION DETAILS				
S8.07	SIDEPLATE COORDINATION ITEMS				
S8.08	SIDEPLATE MISCELLANEOUS DETAILS				
ELECTRICAL					
E0.01	ELECTRICAL DEMOLITION PLAN				
Grand total: 66					



James R. Childers
Architect, Inc.
45 South 4th Street
Fort Smith, AR 72901
479-783-2450
www.childersarchitect.com



**WILMA P. MANKILLER HEALTH CENTER
EXPANSION**
 STILWELL, OKLAHOMA



PROJECT PHASE:
BID PACKAGE 01

#	DATE	REVISIONS	DESCRIPTION
1	11/22/19	BID PACKAGE 01 - ADD 01	
2	12/10/19	BID PACKAGE 01 - ADD 02	
3	1/10/20	BID PACKAGE 01 - AS01	

DATE: 11-01-19 JOB NUMBER: 18-01.01

SHEET NUMBER:
G0.01

COVER / INDEX



1836 SOUTH BALTIMORE AVE.
TULSA, OK 74119
(539) 664-4618

MECHANICAL / ELECTRICAL / PLUMBING ENGINEER



3902 UNIVERSITY BOULEVARD
DURANT, OK 74701
(580) 931-9045

CIVIL ENGINEER



4700 LINCOLN ROAD NE, SUITE 102
ALBUQUERQUE, NM 87109
(505) 344-4080

STRUCTURAL ENGINEER



808 TRAVIS STREET, SUITE 200
HOUSTON, TX 77002
(281) 589-5900

FIRE PROTECTION / LIFE SAFETY

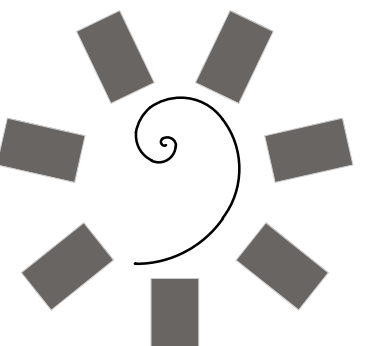


1316 E 35TH PLACE, SUITE 100
TULSA, OK 74105
(918) 382-9120

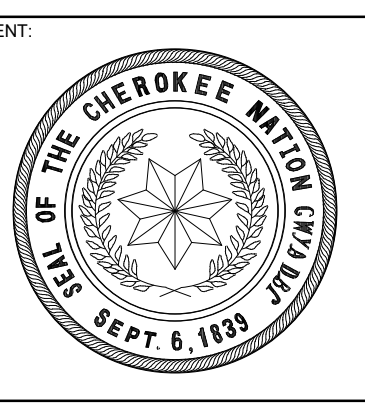
EQUIPMENT PLANNER

SIDEPLATE CONNECTION NOTES

- (AXX) INDICATES SIDEPLATE CONNECTION PER SHEETS S8.01 - S8.07.
- (MX) INDICATES MISCELLANEOUS SIDEPLATE DETAIL PER SHEETS S8.01 - S8.07.



James R. Childers
Architect, Inc.
45 South 4th Street
Fort Smith, AR 72901
479-783-2450
www.childersarchitect.com



**WILMA P. MANKILLER HEALTH CENTER
EXPANSION**
STILWELL, OKLAHOMA

KEY PLAN:

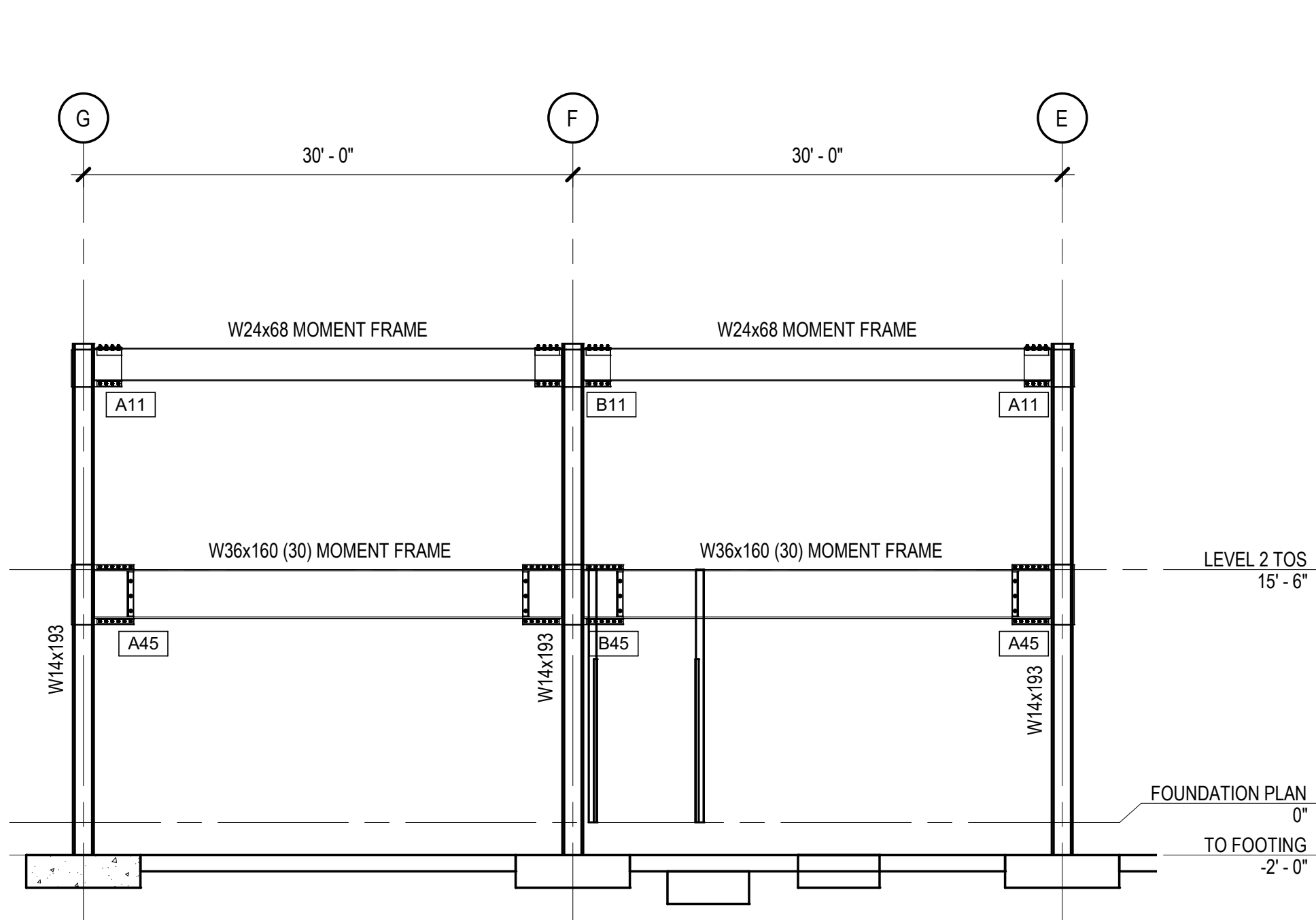
PROJECT PHASE:
BID PACKAGE 01

#	DATE	REVISIONS	DESCRIPTION
1	11/22/19	BID PACKAGE 01 - ADD 01	
3	01/16/20	BID PACKAGE 01 - ASH 01	

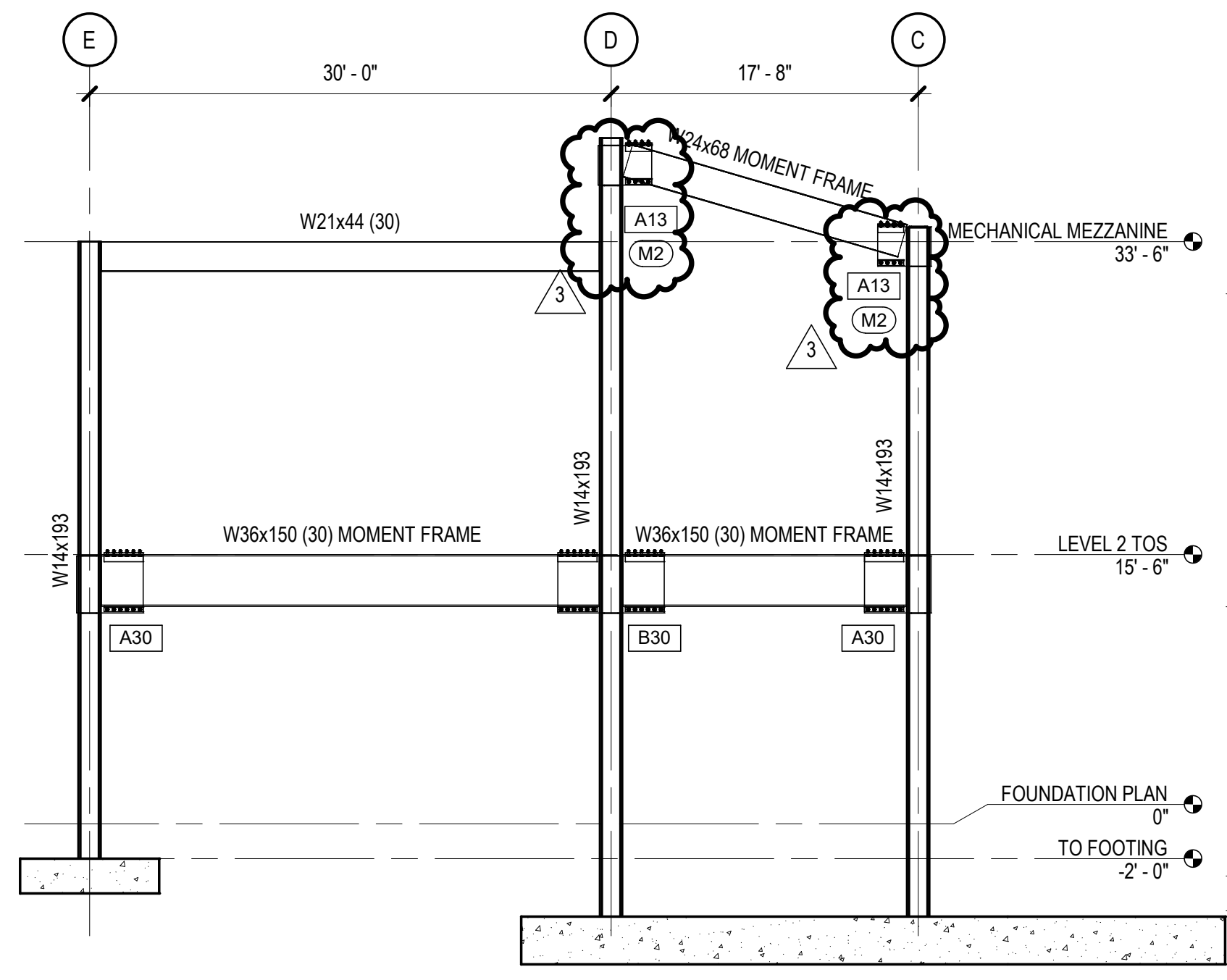
DATE: 11-01-19 JOB NUMBER: 18-01.01

SHEET NUMBER: S2.01

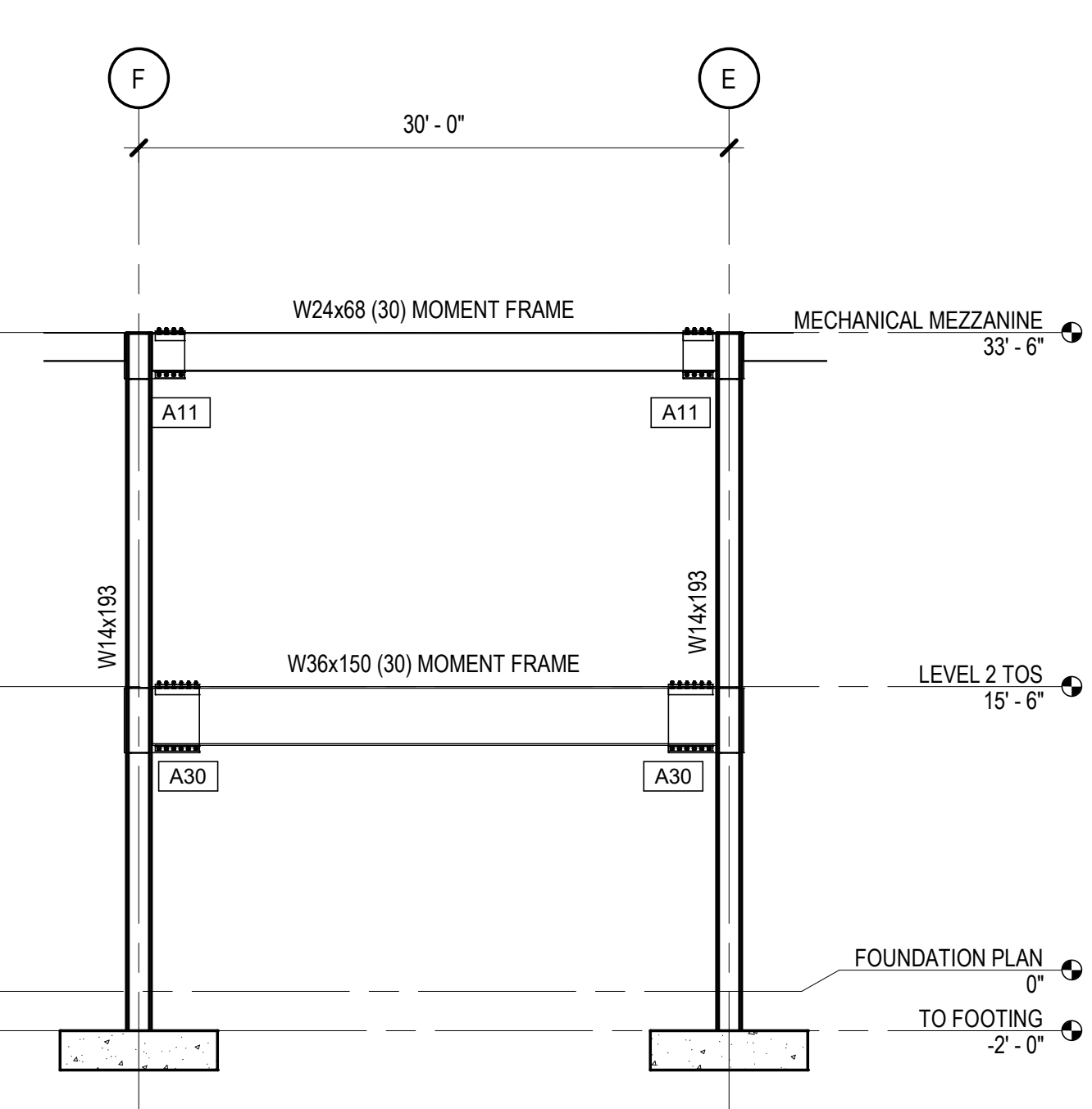
MOMENT FRAME ELEVATIONS



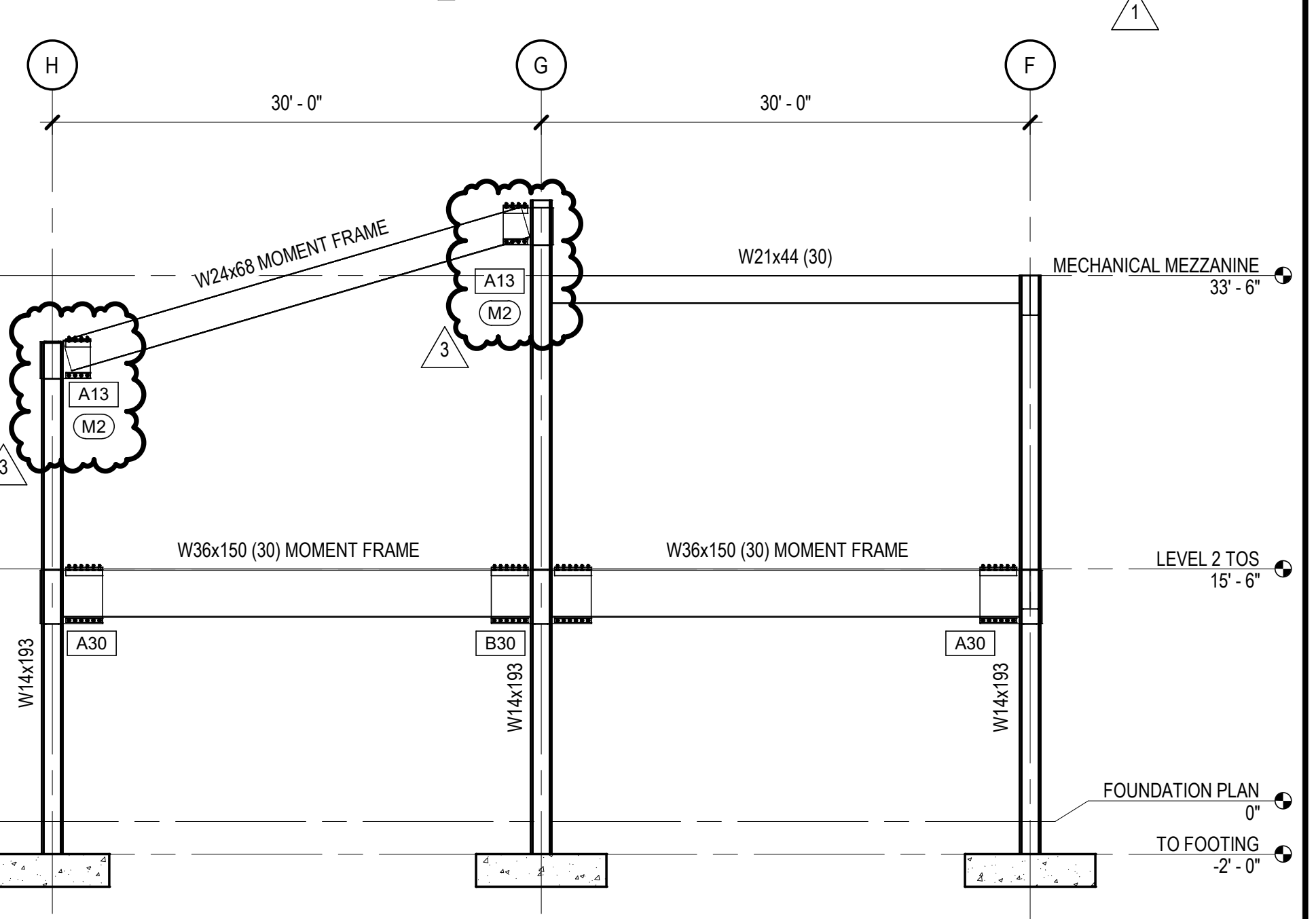
C2 MOMENT FRAME ELEVATION
SCALE: 1/8" = 1'-0"



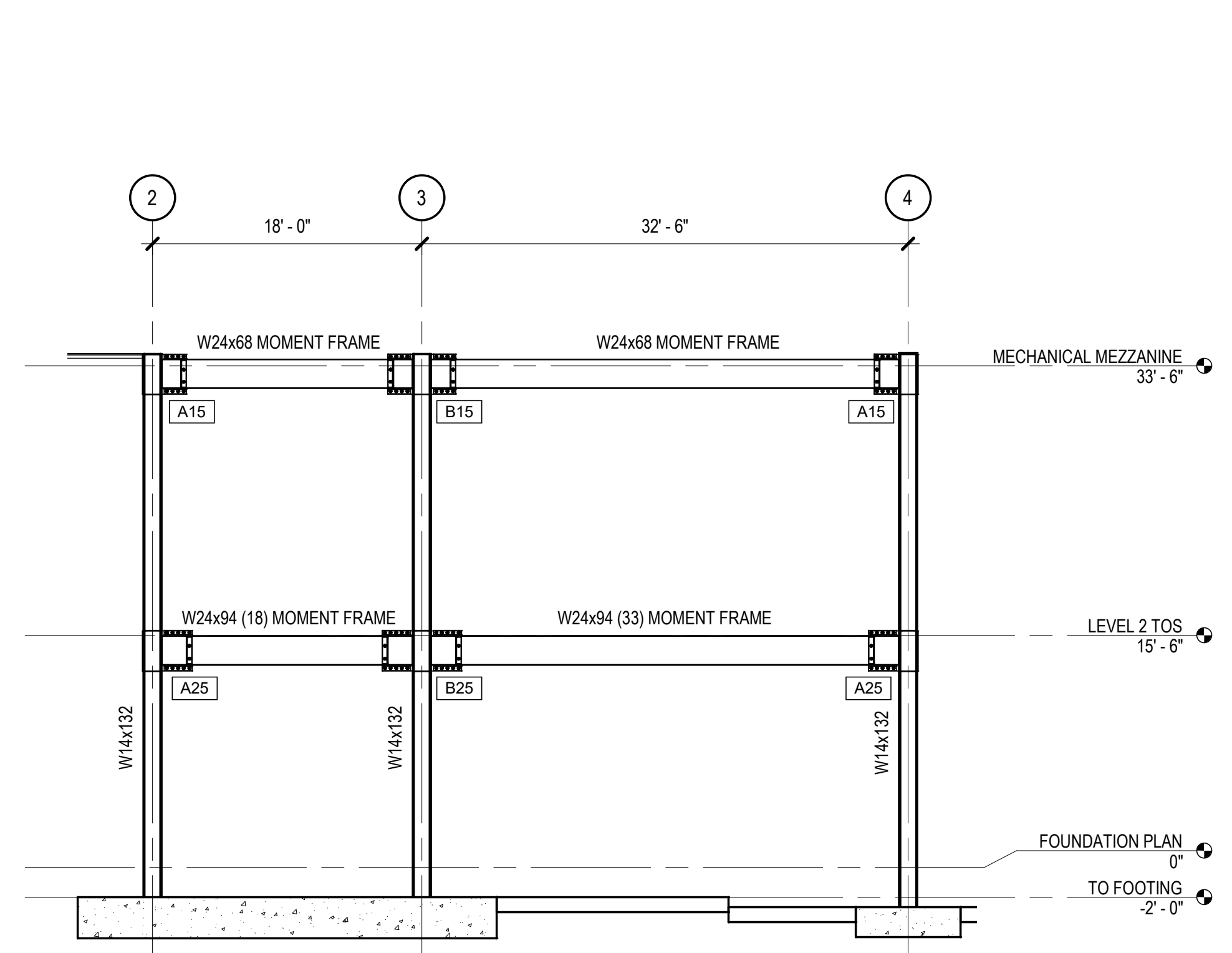
C4 MOMENT FRAME ELEVATION
SCALE: 1/8" = 1'-0"



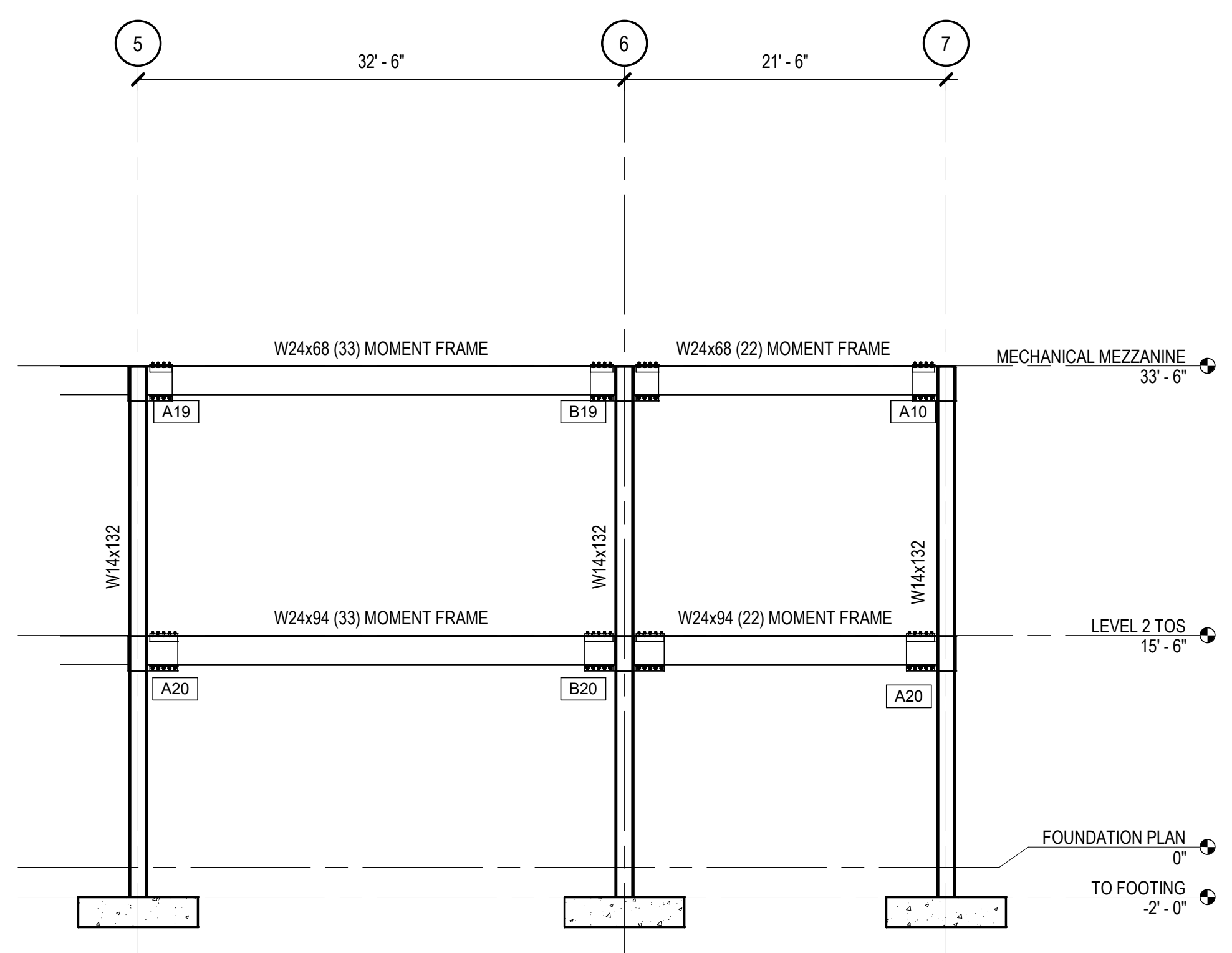
B4 MOMENT FRAME ELEVATION
SCALE: 1/8" = 1'-0"



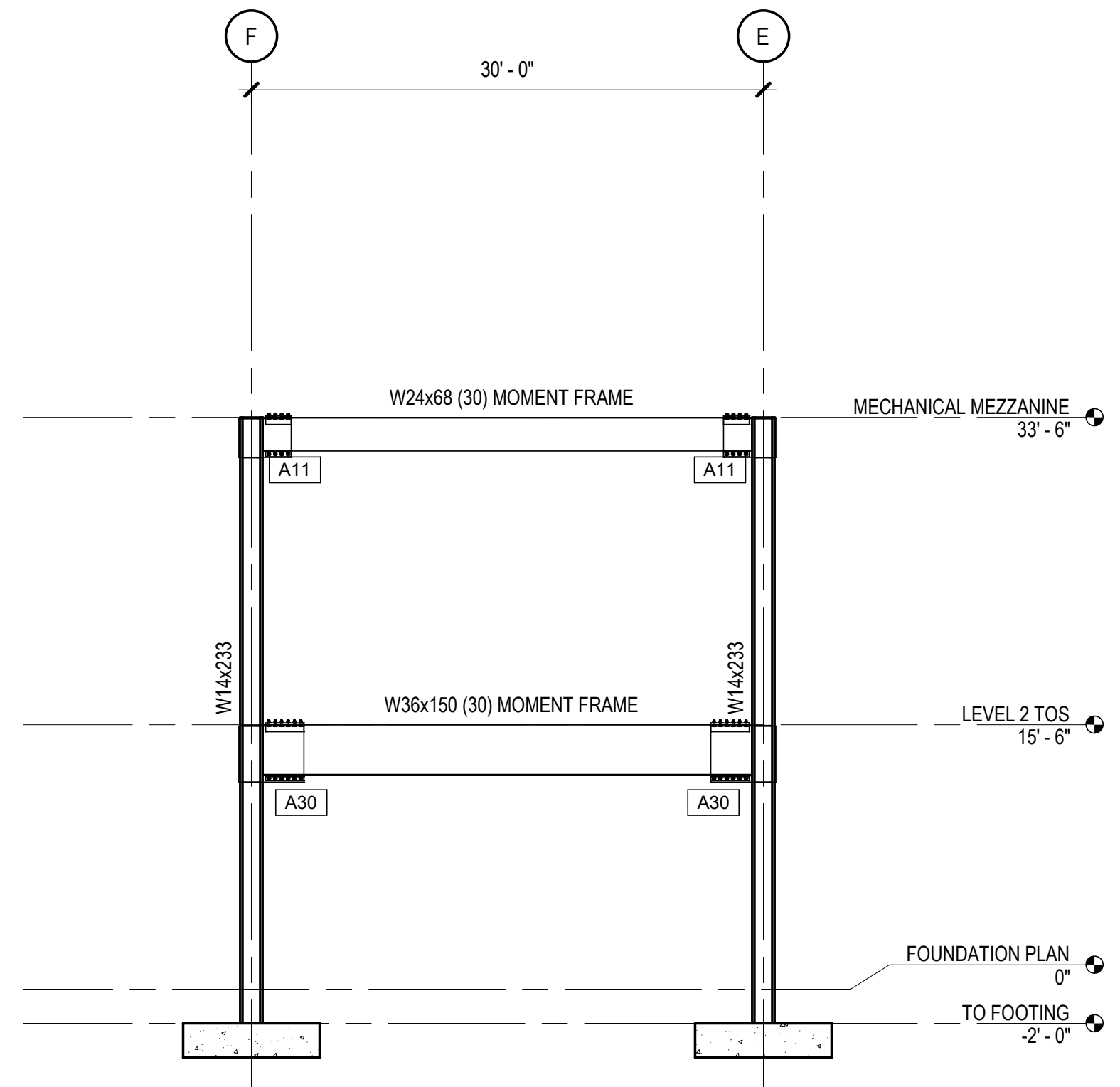
A4 MOMENT FRAME ELEVATION
SCALE: 1/8" = 1'-0"



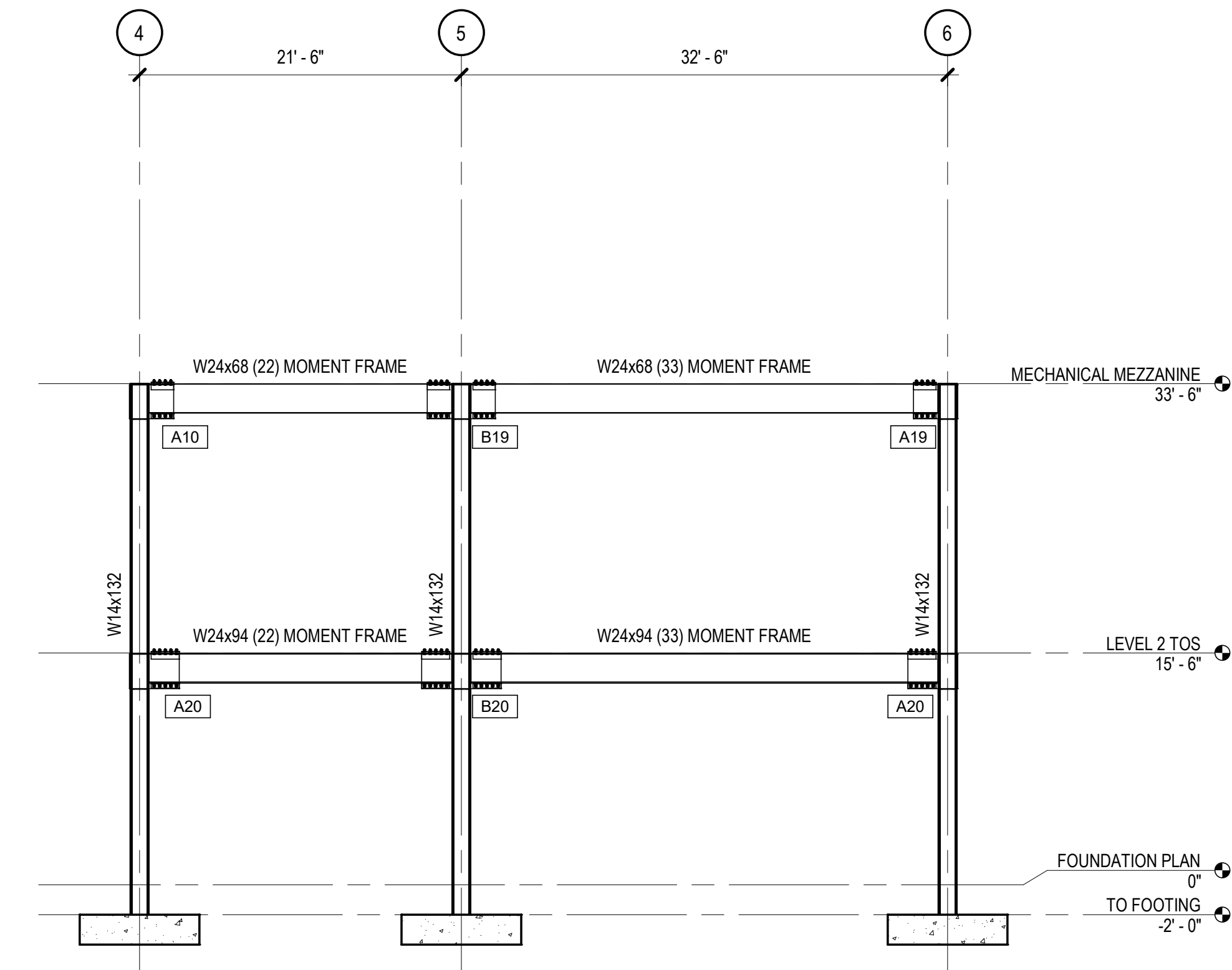
B1 MOMENT FRAME ELEVATION
SCALE: 1/8" = 1'-0"



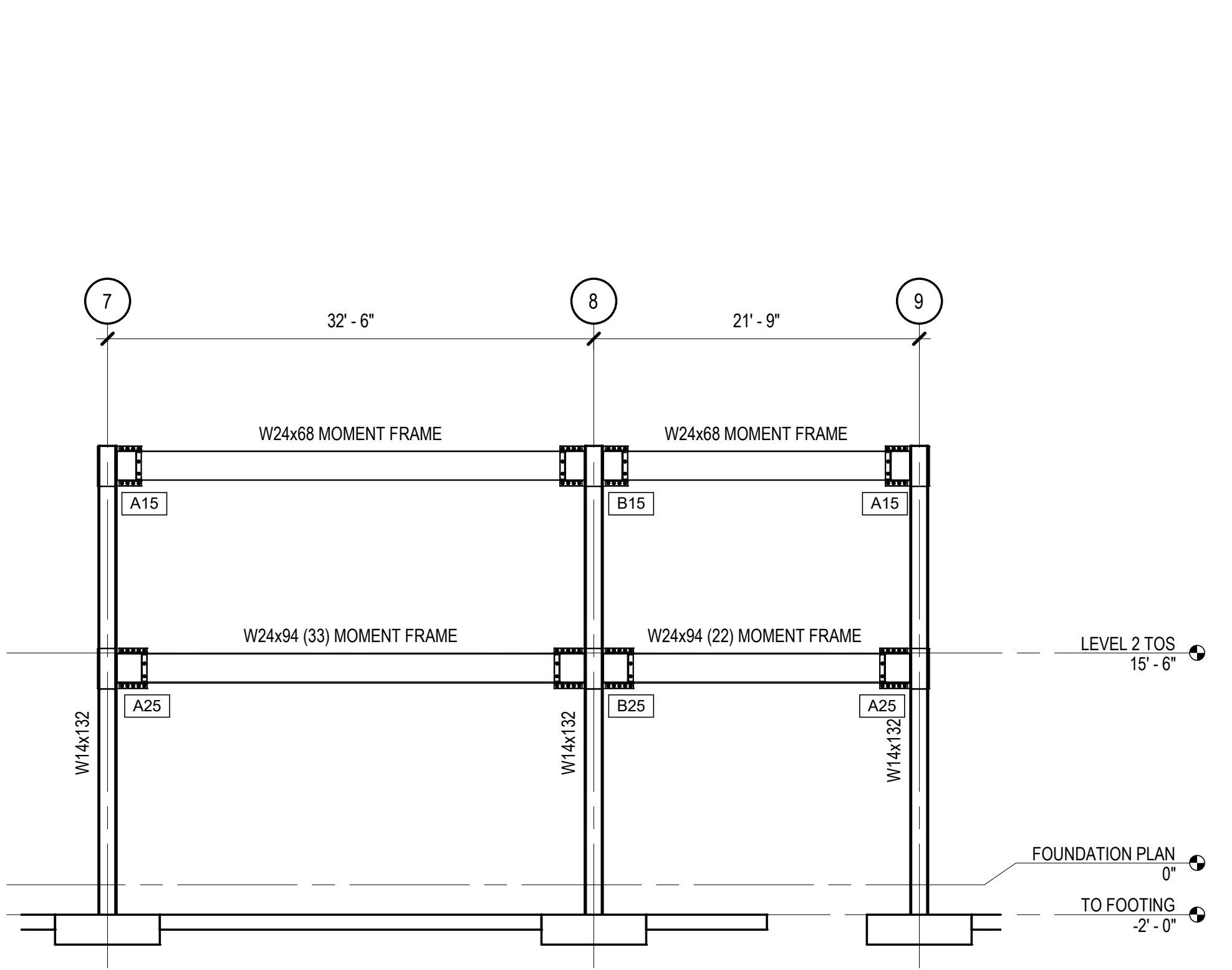
B2 MOMENT FRAME ELEVATION
SCALE: 1/8" = 1'-0"



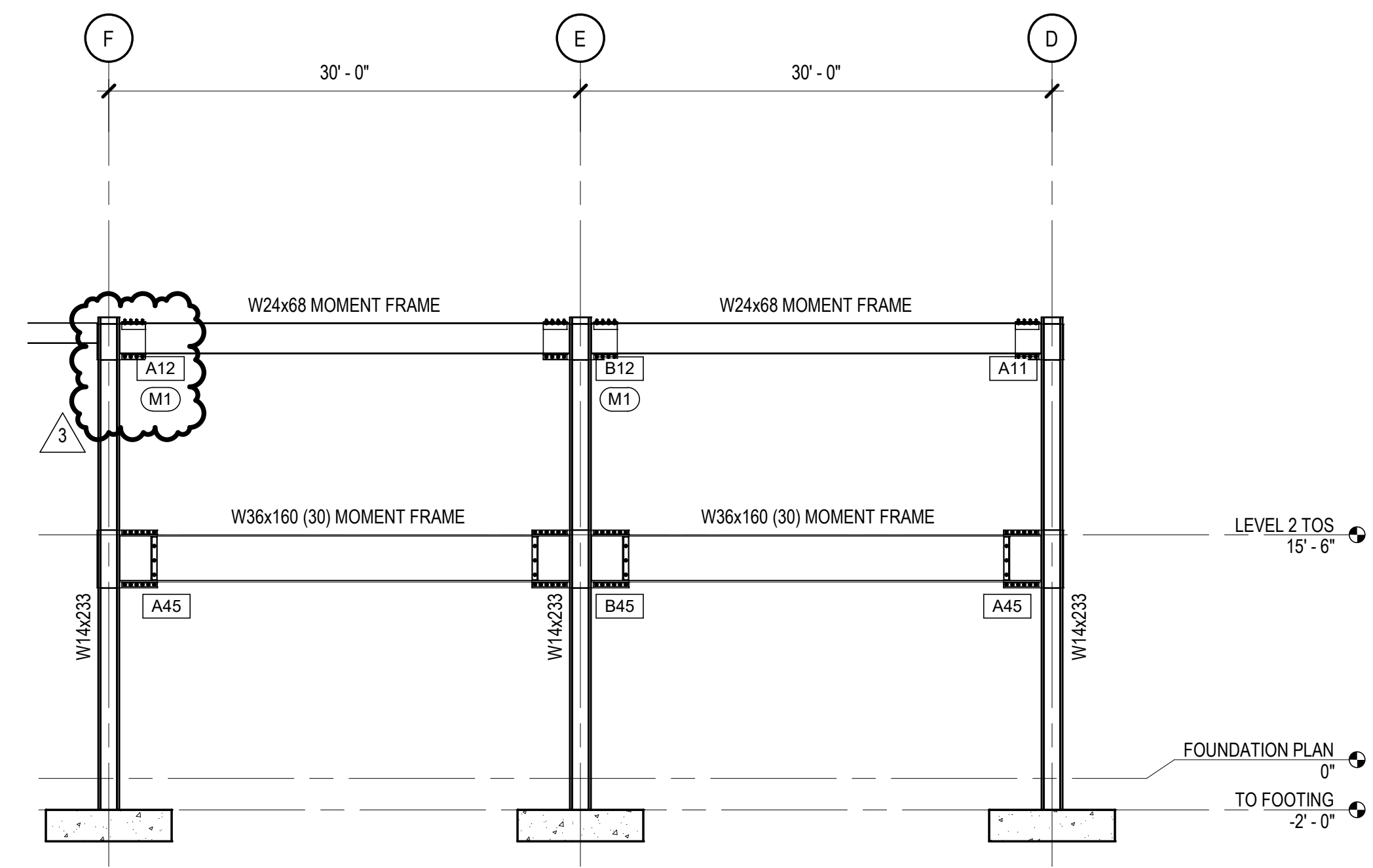
B5 MOMENT FRAME ELEVATION
SCALE: 1/8" = 1'-0"



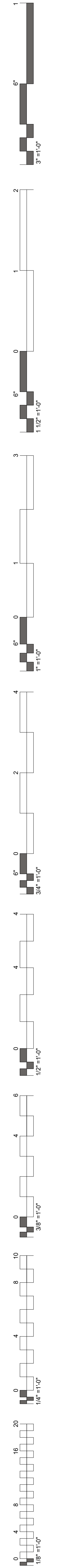
A1 MOMENT FRAME ELEVATION
SCALE: 1/8" = 1'-0"



A2 MOMENT FRAME ELEVATION
SCALE: 1/8" = 1'-0"



A5 MOMENT FRAME ELEVATION
SCALE: 1/8" = 1'-0"



PROJECT SPECIFIC INFORMATION

PROJECT NUMBER: 18290
SUBMITTAL NUMBER: S-03
SUBMITTAL DATE: 01/07/2020
PROJECT NAME: STILWELL HEALTH CLINIC
LOCATION: STILWELL, OK
CONNECTION TYPE: SIDEPLATE
NUMBER OF BUILDINGS: 1
APPROX. TOTAL GROSS SQUARE FOOTAGE: 104714
NUMBER OF STORIES: 2

DATA:

THERE MAY BE eDATA AVAILABLE FOR YOUR PROJECT WHICH IS AVAILABLE FOR DOWNLOAD AT WWW.SIDEPLATE.COM. eDATA MAY INCLUDE:
- eSTIMATE FILE IN EXCEL FORMAT FOR USE IN AFFIRMING SIDEPLATE CONNECTION MATERIAL QUANTITIES.
- CORRUGATED/ML FILE FOR USE IN ASSISTING DETAILING EFFORTS.
- ESTIMATED NUMBER OF SIDEPLATE JOINTS FOR THIS PROJECT = 54
- ESTIMATED NUMBER OF SIDEPLATE JOINTS FOR THIS PROJECT THAT ARE NOT SUPPORTED BY eDATA = (10)
- MISCELLANEOUS DETAILS, TYPICALLY DESIGNATED BY M, ARE NOT SUPPORTED.

INSTRUCTIONS TO STEEL FABRICATOR

- 1. SIDEPLATE LICENSE FEE: THE STEEL FABRICATOR'S BID PRICE FOR PROCUREMENT, FABRICATION AND ERECTION OF STRUCTURAL AND MISCELLANEOUS STEEL SHALL INCLUDE THE SIDEPLATE LICENSE FEE FOR THE PROJECT...
2. UPON THE SUCCESSFUL STEEL FABRICATOR SIGNING A CONTRACT TO FABRICATE STRUCTURAL STEEL FOR THIS PROJECT, THE STEEL FABRICATOR SHALL SUBMIT A PURCHASE ORDER (PO) TO SIDEPLATE SYSTEMS, INC. FOR THE TOTAL AMOUNT OF THE SIDEPLATE LICENSE FEE AND SHALL INCLUDE SAID FEE IN ITS FIRST CONSTRUCTION DRAW...
3. THE STEEL FABRICATOR SHALL MAKE PAYMENT OF THE SIDEPLATE LICENSE FEE DIRECTLY TO: SIDEPLATE SYSTEMS, INC. 25909 PALA, SUITE 200 MISSION VIEJO, CA 92691 TEL: 949-238-9900

SUBMITTALS

- 1. IN ADDITION TO THE REQUIRED SUBMITTALS SPECIFIED BY THE BALANCE OF THE CONTRACT DOCUMENTS, THE FOLLOWING SUBMITTALS SHALL BE SENT TO SIDEPLATE SYSTEMS, INC. ELECTRONICALLY VIA THE STRUCTURAL ENGINEER OF RECORD FOR THEIR REVIEW AND DISPOSITION...
2. PRE-FABRICATION MEETING: PRIOR TO THE START OF FABRICATION, THE FABRICATION CONTRACTOR SHALL FORMALLY REQUEST A PRE-FABRICATION MEETING FROM SIDEPLATE SYSTEMS, INC. THIS MEETING IS TYPICALLY A WEBINAR TO DISCUSS BEST PRACTICES FOR THE FABRICATION OF THE SIDEPLATE CONNECTIONS, AND TO CREATE A PROACTIVE FORUM TO ANSWER ANY QUESTIONS.

MEETINGS

- 1. PRE-DETAILING MEETING: PRIOR TO THE START OF DETAILING OF THE SHOP DRAWINGS, THE FABRICATION CONTRACTOR SHALL FORMALLY REQUEST A PRE-DETAILING MEETING FROM SIDEPLATE SYSTEMS, INC. THIS MEETING IS TYPICALLY A WEBINAR TO DISCUSS BEST PRACTICES FOR THE FABRICATION OF THE SIDEPLATE CONNECTIONS, AND TO CREATE A PROACTIVE FORUM TO ANSWER ANY QUESTIONS.
2. PRE-FABRICATION MEETING: PRIOR TO THE START OF FABRICATION, THE FABRICATION CONTRACTOR SHALL FORMALLY REQUEST A PRE-FABRICATION MEETING FROM SIDEPLATE SYSTEMS, INC. THIS MEETING IS TYPICALLY A WEBINAR TO DISCUSS BEST PRACTICES FOR THE FABRICATION OF THE SIDEPLATE CONNECTIONS, AND TO CREATE A PROACTIVE FORUM TO ANSWER ANY QUESTIONS.
3. PRE-ERECTION MEETING: PRIOR TO THE START OF STEEL ERECTION, THE ERECTION CONTRACTOR SHALL FORMALLY REQUEST A PRE-ERECTION MEETING FROM SIDEPLATE SYSTEMS, INC. THIS MEETING IS TYPICALLY A WEBINAR TO DISCUSS BEST PRACTICES FOR FIELD ERECTION OF THE SIDEPLATE BEAMS AND COLUMNS, AND TO CREATE A PROACTIVE FORUM TO ANSWER ANY QUESTIONS.

GENERAL

- 1. THE GOVERNING CODES SHALL CONSIST OF ANSII/AWS D1.1-2010 (AWS D1.1), AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES (APRIL 14, 2010), 2009 RCSC SPECIFICATIONS FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS, AND ALL APPLICABLE BUILDING AND JURISDICTIONAL CODES AND PROJECT STANDARDS SPECIFIED IN THE PROJECT SPECIFICATION STRUCTURAL STEEL SECTION WHERE THE REQUIREMENTS DIFFER BETWEEN SIDEPLATE CONNECTION NOTES, THE GENERAL STRUCTURAL NOTES, AND THE GOVERNING CODES...
2. ALPHA AND NUMERIC DESIGNATORS (A) & (H) USED HEREIN TO SIMPLIFY THE IDENTIFICATION OF PLATES, ANGLES, AND WELDS ARE DEFINED BELOW: (A) SIDE PLATE FOR UNAXIAL CONNECTIONS, (H) LONGITUDINAL ANGLE WELDED TO THE BOTTOM BEAM FLANGE (OR TOP BEAM FLANGE AS REQUIRED), (R) RADIUS OF SLOT DIMENSION IN COVER PLATE (B)
3. ALPHA DESIGNATORS, USED HEREIN TO SIMPLIFY THE IDENTIFICATION OF DIMENSIONS OF THE SIDEPLATE CONNECTIONS, ARE DEFINED BELOW: GAP PHYSICAL SEPARATION BETWEEN THE END OF THE MOMENT FRAME BEAM AND THE ADJOINING FACE OF THE COLUMN FLANGE

MATERIAL

- 1. PLATE, FLAT BAR, AND ANGLE MATERIAL: ALL PLATE MATERIAL SHALL HAVE A MINIMUM YIELD STRENGTH (Fy) OF 50 KSI...
2. HIGH STRENGTH BOLTS/FASTENERS: BOLTS SHALL BE TYPE 1 OR TYPE 3 AND SHALL BE A490X HEAVY HEX, F2280 TWIST-OFF-TYPE TENSION-CONTROL BOLT ASSEMBLIES, OR F3148 FIXED SPLINE BOLT ASSEMBLIES...
3. ROLLED SHAPES: ALL ROLLED SHAPES USED FOR COLUMNS AND BEAMS IN CONSTRUCTING SIDEPLATE MOMENT FRAMES SHALL BE ASTM A992 GRADE 50 UNO...
4. HSS TUBE SHAPES: ALL HSS SHAPES USED FOR COLUMNS AND BEAMS IN CONSTRUCTING SIDEPLATE MOMENT FRAMES SHALL, AS A MINIMUM, BE ASTM A500 GRADE B OR GRADE C OR ASTM1085

PREPARATION

- 1. THE STEEL FABRICATION AND ERECTION SUBCONTRACTORS SHALL EMPLOY A DISTORTION CONTROL PROGRAM PRIOR TO THE START OF SIDEPLATE MOMENT FRAME FABRICATION...
2. FOR ALL PRE-TENSIONING METHODOLOGIES, ALL FASTENER ASSEMBLIES WITHIN THE JOINT SHALL FIRST BE BROUGHT TO A SNUG TIGHT CONDITION, FOLLOWED BY A SYSTEMATIC PRE-TENSIONING PROCESS...
3. WELDER QUALIFICATION: THE PERFORMANCE OF ALL WELDERS, WELDING OPERATORS AND TACK WELDERS SHALL BE QUALIFIED IN CONFORMANCE WITH AWS D1.1, SECTION 4, PART C TO DEMONSTRATE ABILITY TO PRODUCE SOUND WELDS.

BOLTING

- 1. BOLTS/FASTENERS SHALL BE INSTALLED TO PRE-TENSIONED CONDITION USING ONE OF THE METHODS PRESCRIBED HERE: TURN-OF-NUT (A490), CALIBRATED WRENCH (A490), TWIST-OFF-TYPE TENSION-CONTROL BOLT (F2280), OR TORQUE AND ANGLE METHOD (F3148)...

- 3. REUSE OF A490, F2280, AND F3148 BOLT ASSEMBLIES SHALL NOT BE ALLOWED...
4. ALL BOLT HOLES SHALL BE ALIGNED TO PERMIT INSERTION OF THE BOLTS WITHOUT UNDUE DAMAGE TO THE THREADS...
5. THE BOLT LENGTH USED SHALL BE SUCH THAT THE BOLT THREAD EXTENDS BEYOND OR IS AT LEAST FLUSH WITH THE OUTER FACE OF THE NUT WHEN PROPERLY INSTALLED...
6. FASTENER COMPONENTS SHALL BE PROTECTED FROM DIRT AND MOISTURE IN CLOSED CONTAINERS AT THE SITE OF INSTALLATION...
7. F2280 OR F3148 ASSEMBLIES AND ALTERNATIVE DESIGN FASTENERS THAT MEET THE SPECIFIED REQUIREMENTS PREVIOUSLY MENTIONED SHALL NOT BE RE-LUBRICATED, EXCEPT BY THE MANUFACTURER...
8. FINGER SHIMS SHALL BE USED UP TO 1/4 INCH WITHOUT RESTRICTION, SHIM REQUIREMENTS GREATER THAN 1/4 INCH SHALL BE SUBMITTED TO SIDEPLATE SYSTEMS INC FOR APPROVAL PRIOR TO USE...
9. WASHERS SHALL BE ASTM F436 ORDINARY THICKNESS AND SHALL BE USED UNDER THE NUT OF THE FASTENER ASSEMBLY SO AS TO PROVIDE A HARDENED-NON-GALLING SURFACE OF THE TURNED ELEMENT...
10. THE TURNED ELEMENT MUST BE THE SAME AS WAS USED WHEN PERFORMING PREINSTALLATION VERIFICATION TESTING.

QUALITY CONTROL

- 1. THE FABRICATOR AND ERECTOR SHALL BE RESPONSIBLE FOR QUALITY CONTROL BY PROVIDING, AS A MINIMUM, IN-PROCESS VISUAL INSPECTION OF ALL FABRICATION AND ERECTION ACTIVITIES TO ENSURE THAT MATERIALS AND WORKMANSHIP MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS...
2. MINIMUM CLEAR DIMENSION SHALL BE VERIFIED AFTER PLACEMENT OF WELD (2), COOLING OF WELD (2), AND REMOVAL OF TEMPORARY SHOP CONSTRUCTION AID(S)...
3. MAXIMUM SPREAD DIMENSION OF SIDE PLATE (A) SHALL NOT EXCEED ACTUAL COLUMN FLANGE WIDTH PLUS THE SCHEDULED SPREAD DIMENSION...
4. VERIFICATION OF BOLT HOLE ELEVATION AND SPACING FOR POSITION OF SIDE PLATE (A) AND PROPER POSITION AND ELEVATION OF ANGLES (G)...

- 1. VERIFICATION OF PERPENDICULAR ALIGNMENT BETWEEN THE TOP COVER PLATE (B) AND BOTTOM ANGLES (H) TO THE WEB OF THE BEAM...
2. VERIFICATION OF BOLT HOLE SPACING AND POSITION ON COVER PLATE (B) AND ANGLES (H)...
3. VERIFICATION OF THE DISTANCE BETWEEN EXTERIOR ANGLE (H) FACES AND THEIR RESPECTIVE BOLT HOLE PLACEMENT TO EACH OTHER (VERTICALLY AND HORIZONTALLY)...
4. VERIFICATION THAT IN NO CASE SHALL THE OUTSIDE FACE OF VSE (F) EXTEND BEYOND THE OUTSIDE FACES OF THE LONGITUDINAL ANGLES (H)...
5. VERIFICATION THAT VERTICAL PLACEMENT OF VSE (F) IS IN THE CORRECT LOCATION.

QUALITY ASSURANCE

- 1. WELDING: TO ASSURE THE PROPER AMPERAGE AND VOLTAGE OF THE WELDING PROCESS, THE USE OF HAND HELD CALIBRATED AMP AND VOLT METERS SHALL BE USED...
2. FINISH SURFACES: THE SURFACES ADJACENT TO THE BOLT HEAD AND NUT SHALL BE FREE OF DIRT AND OTHER FOREIGN MATERIAL OTHER THAN THE SPECIFIED COATINGS...
3. FIREPROOFING: WHEN REQUIRED BY THE GOVERNING CODE FOR CERTAIN TYPES OF CONSTRUCTION, SIDEPLATE CONNECTIONS SHALL HAVE A FIRE-RESISTANCE RATING LIKE THAT OF A STEEL "STRUCTURAL FRAME"...

HOT DIPPED GALVANIZING

- 1. SIDEPLATE CONNECTIONS REQUIRING THIS TYPE OF FINISH SHALL FOLLOW THE SAME CONSTRUCTION SEQUENCING AS PREVIOUSLY OUTLINED WITH THE FOLLOWING MODIFICATIONS...
2. THE MINIMUM THICKNESS OF SPRAY-APPLIED FIRE-RESISTIVE MATERIAL (SRFM) FOR STEEL SIDEPLATE CONNECTIONS PLATES THAT ARE NOT ENCASED IN CONCRETE...
3. AFTER THE CONNECTIONS HAVE BEEN ASSEMBLED, VISUALLY ENSURE THAT THE PILES OF THE CONNECTED ELEMENTS HAVE BEEN BROUGHT INTO AS CLOSE OF CONTACT AS PRACTICABLE WITH ONE ANOTHER...
4. WHEN VERTICAL SHEAR ELEMENT (F) IS USED, THE CONTRACTOR SHALL PROVIDE THE MEANS, TYPICALLY DONE WITH A LAYERING TECHNIQUE, FOR FIREPROOFING ACROSS THE BOTTOM OF THE GAP.

INTELLECTUAL PROPERTY

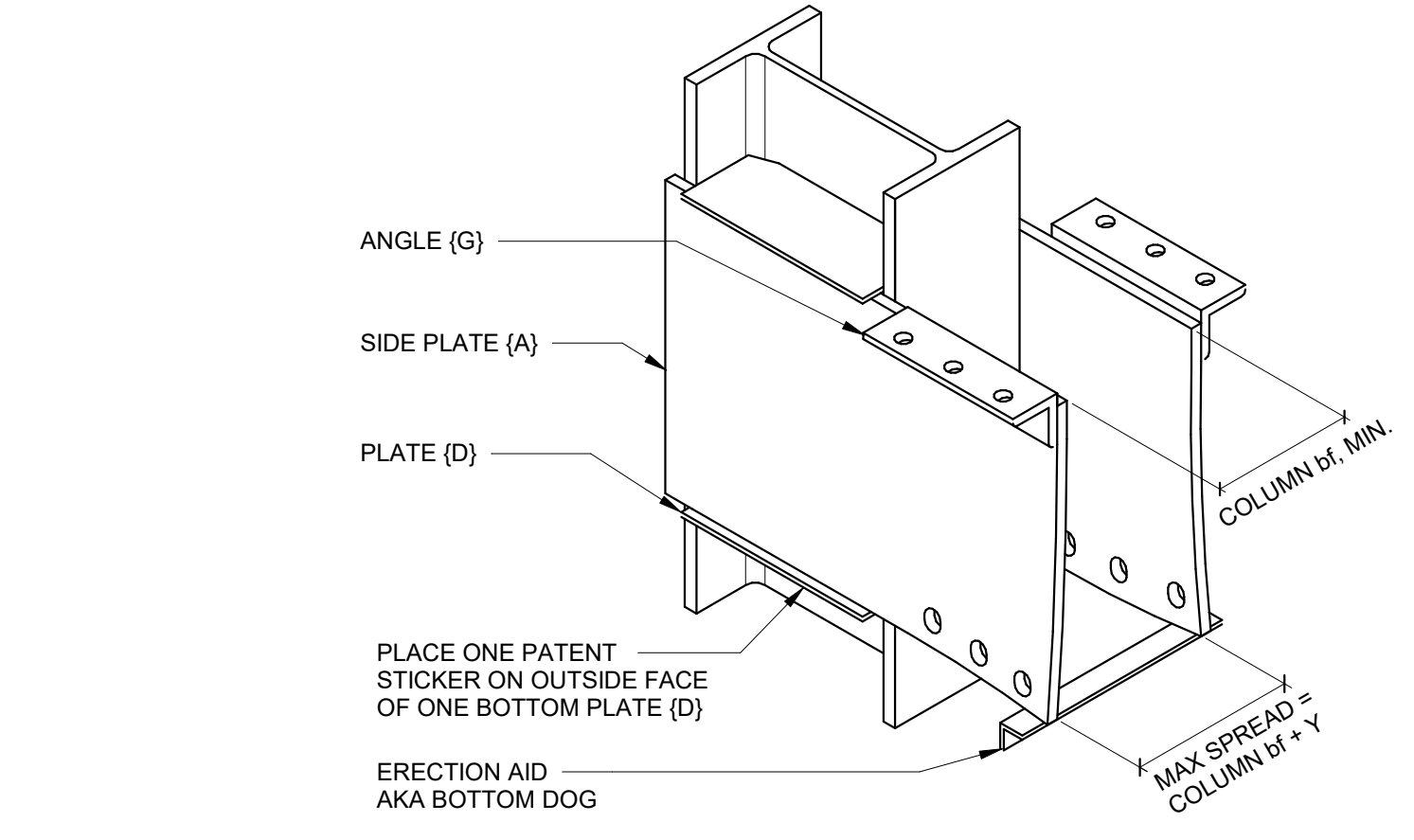
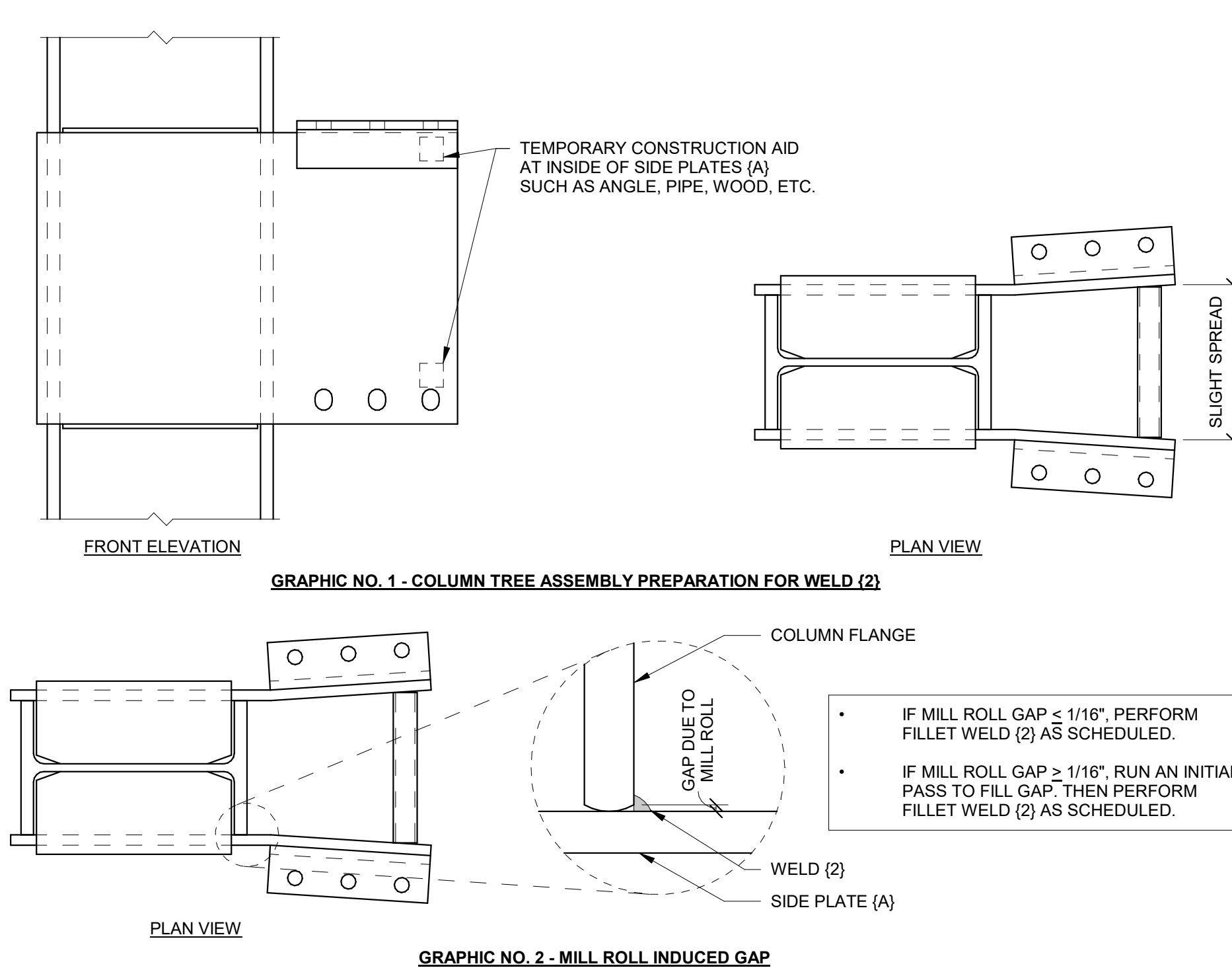
- 1. IN ORDER TO SAFEGUARD THE AUTHORIZED USE AND INTELLECTUAL PROPERTY OF THE PATENTED SIDEPLATE CONNECTION TECHNOLOGY, THE STEEL FABRICATION SUBCONTRACTOR SHALL SATISFY THE FOLLOWING REQUIREMENTS...
2. A NOTICE OF INTELLECTUAL PROPERTY, IDENTICAL TO THAT PROVIDED ON THIS SHEET, SHALL BE AFFIXED ON EACH SHEET OF SHOP DETAIL AND FIELD ERECTION DRAWINGS...
3. PATENT LABELS SHALL BE APPLIED ON THE OUTSIDE FACE OF ONE OF THE TWO BOTTOM HORIZONTAL SHEAR PLATES (D) OF EACH MOMENT CONNECTION AND ON ONE END OF THE BEAM WEB IN COMPLIANCE WITH THE PATENT AND INTELLECTUAL PROPERTY LAWS.

CONSTRUCTION GUIDELINES

- 1. THE CONTRACTOR SHALL ASSUME FULL AND COMPLETE RESPONSIBILITY FOR THE MEANS AND METHODS OF CONSTRUCTING THE STEEL FRAME USING THE SIDEPLATE BOLTED SYSTEM...
2. THE SEQUENCE OF CONSTRUCTION OPTIONS PROVIDED BELOW IN THESE CONSTRUCTION GUIDELINES HAVE PROVEN TO BE SUCCESSFUL BY STEEL FABRICATORS AND ERECTORS TO COST EFFICIENTLY CONSTRUCT THE BOLTED SIDEPLATE CONNECTION SYSTEM...
3. A PRE-FABRICATION COORDINATION MEETING WITH A SIDEPLATE SYSTEMS, INC. REPRESENTATIVE IS REQUIRED FOR ALL PROJECTS.

SHOP FABRICATION OF THE SIDEPLATE BOLTED SYSTEM

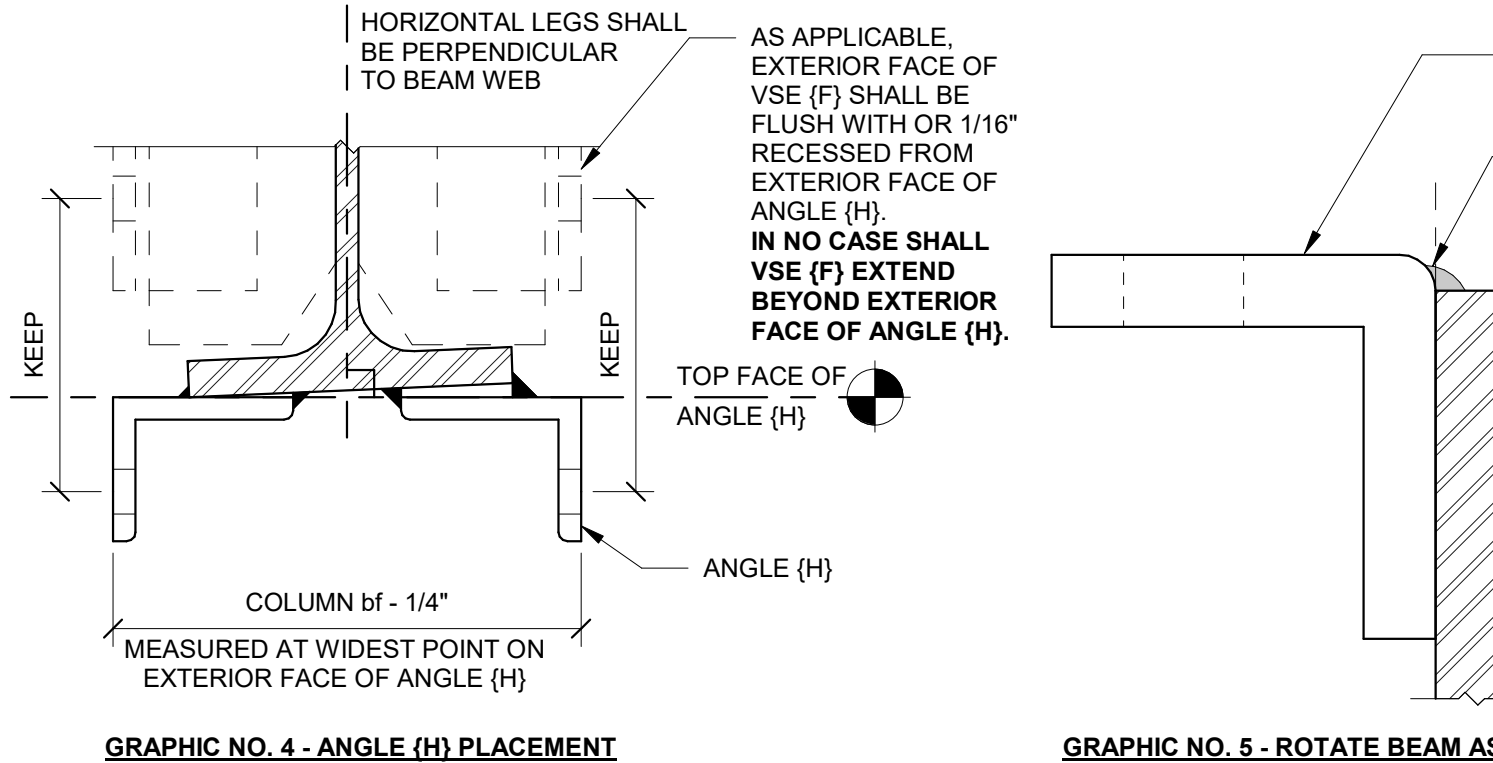
- 1. WATCH OUR SIDEPLATE COLUMN ASSEMBLY VIDEO AT https://portal.sideplate.com/account/login



GRAPHIC NO. 3 - COMPLETED SIDEPLATE BOLTED COLUMN TREE ASSEMBLY

- 2. WATCH OUR SIDEPLATE BEAM ASSEMBLY VIDEO AT https://portal.sideplate.com/account/login

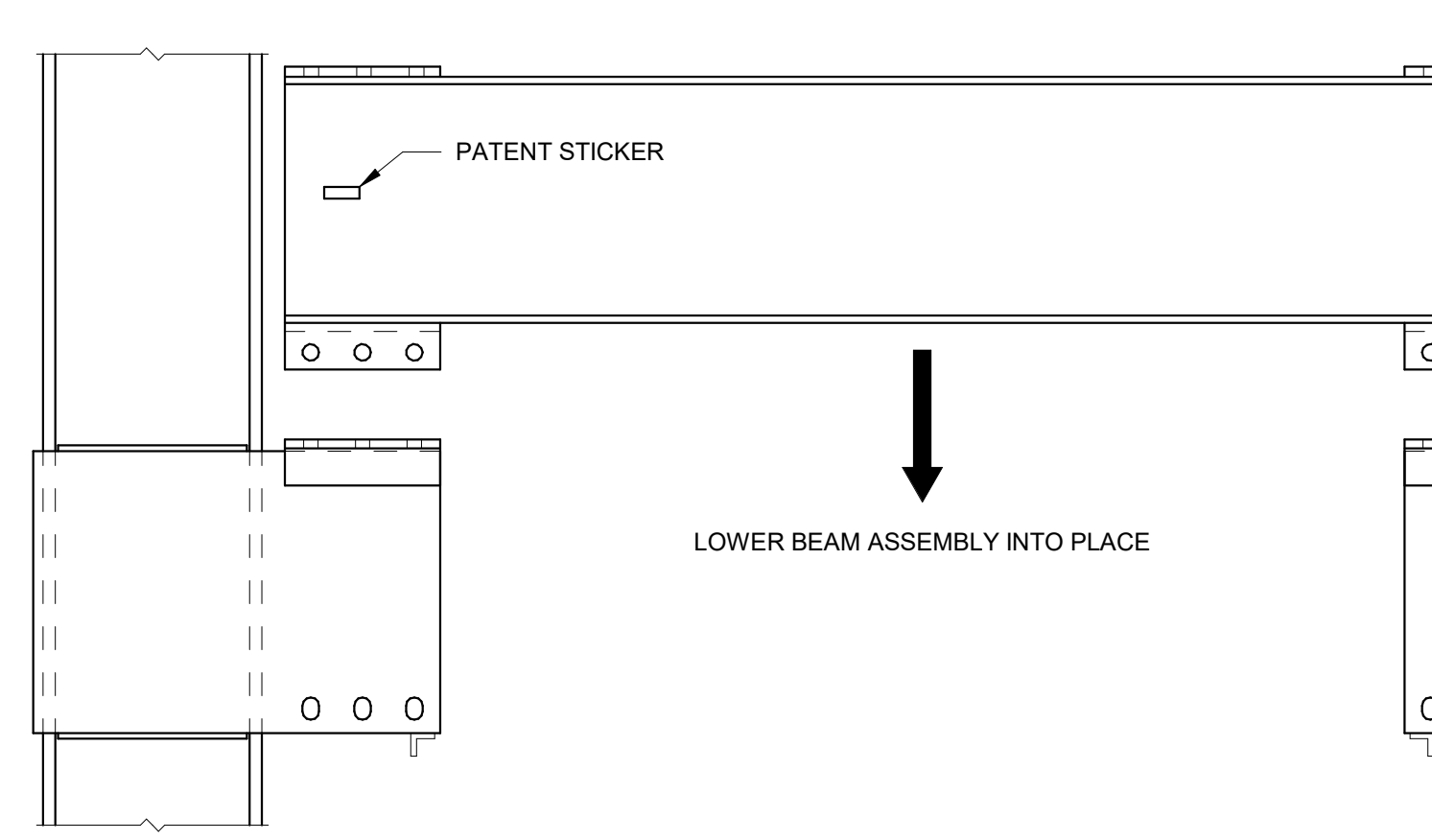
https://portal.sideplate.com/account/login



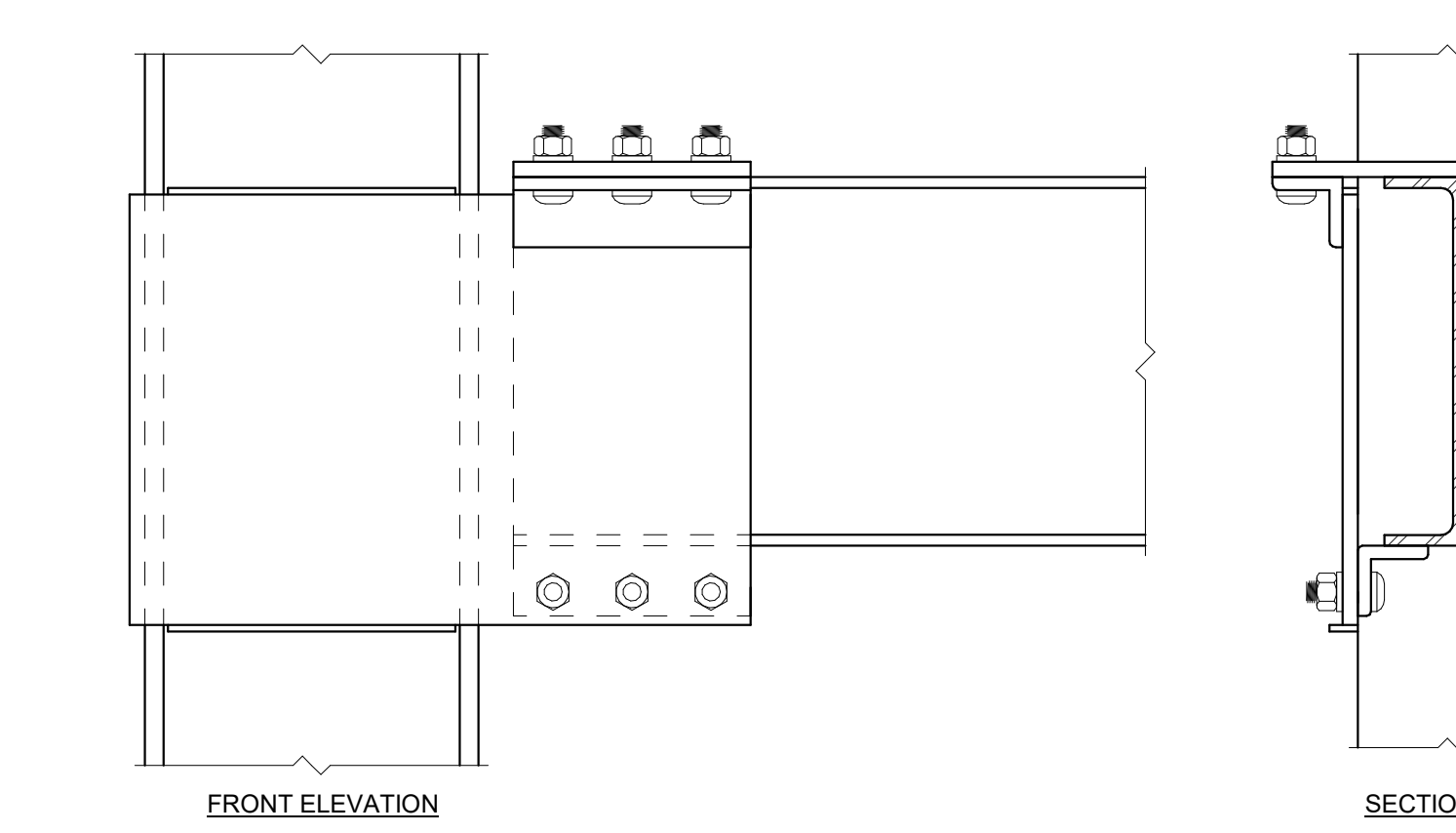
GRAPHIC NO. 4 - ANGLE (H) PLACEMENT

- 3. WATCH OUR SIDEPLATE FIELD ERECTION VIDEO AT https://portal.sideplate.com/account/login

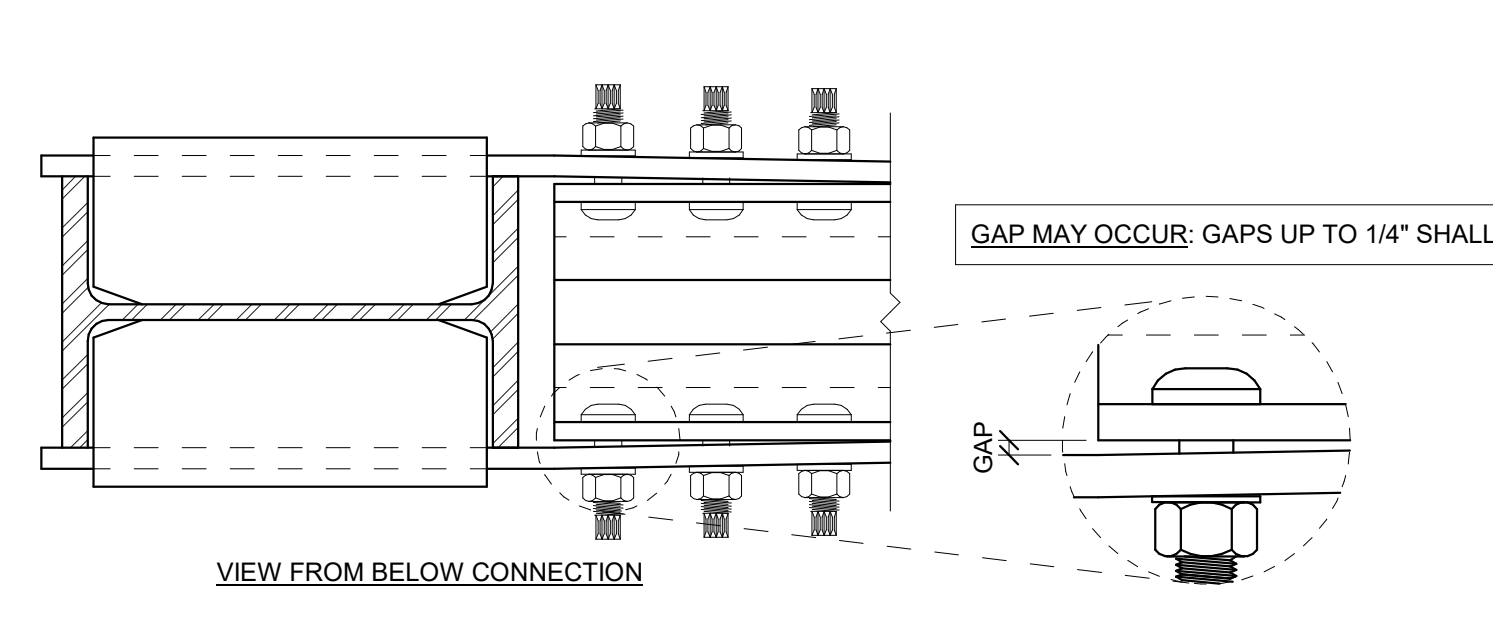
https://portal.sideplate.com/account/login



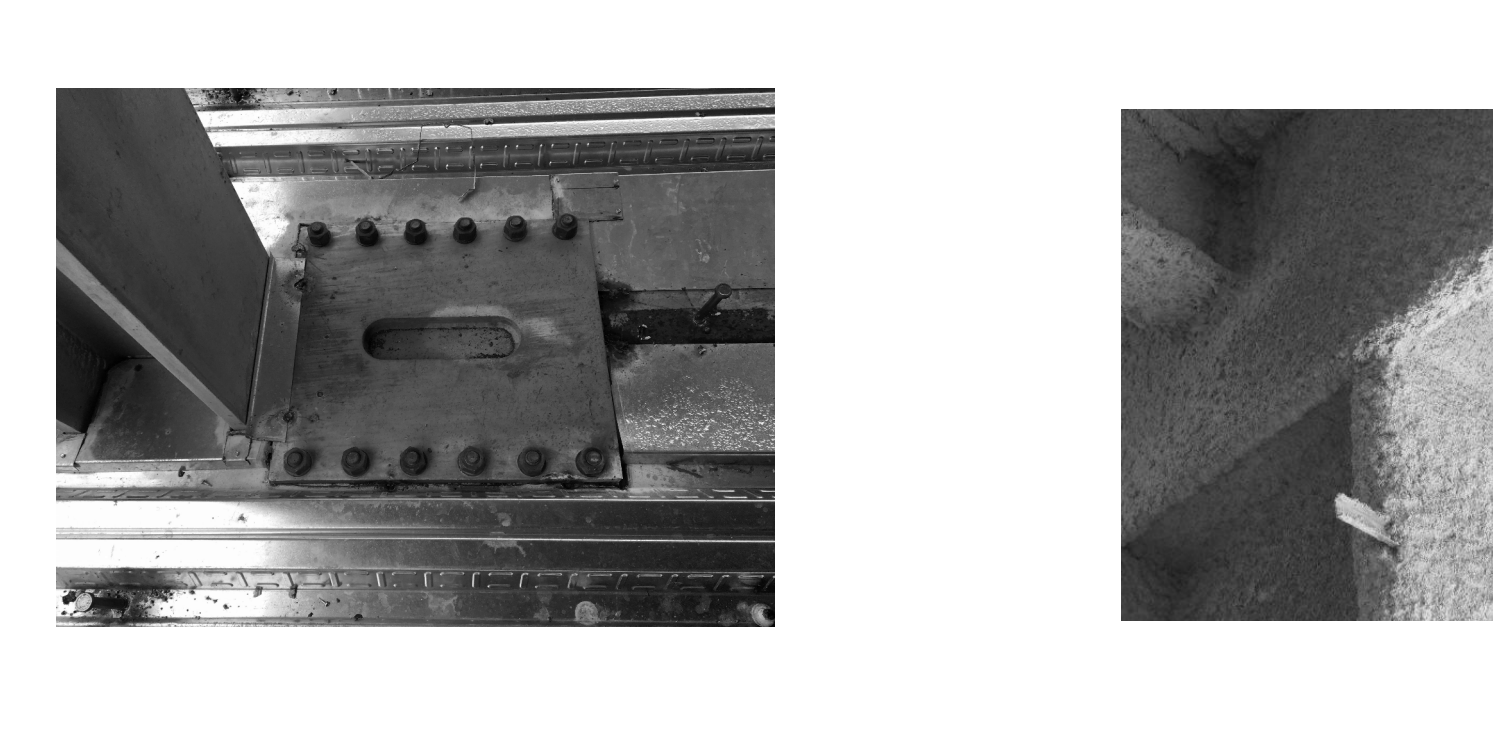
GRAPHIC NO. 5 - ROTATE BEAM ASSEMBLY TO FACILITATE WELD (6) MATERIAL AT MINIMAL EDGE DISTANCE



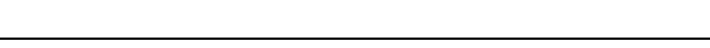
GRAPHIC NO. 6 - FIELD ERECTION OF SIDEPLATE BEAM ASSEMBLY



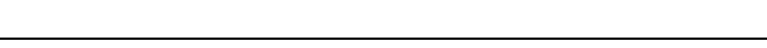
GRAPHIC NO. 7 - COMPLETED SIDEPLATE BOLTED CONNECTION



GRAPHIC NO. 8 - SNUG TIGHT CONDITION PRIOR TO PRETENSIONING BOLTS

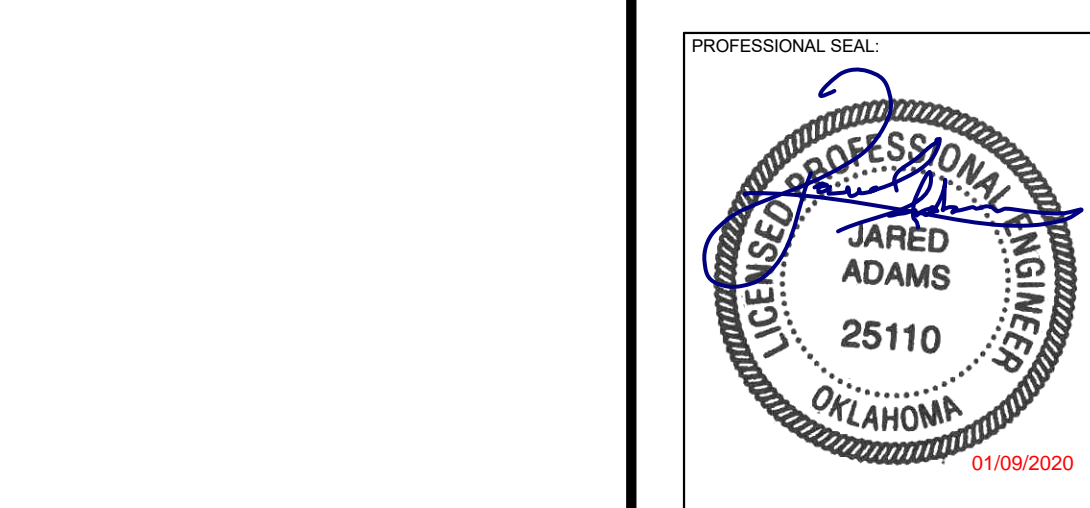


GRAPHIC NO. 9 - TYPICAL GAP CLOSURE AT THE TOP OF THE GAP

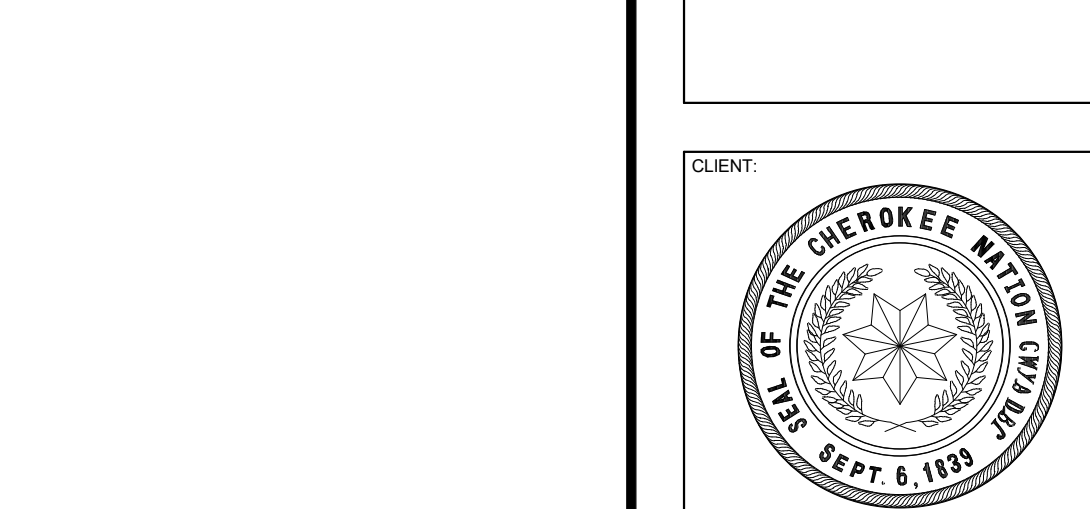


GRAPHIC NO. 10 - FIREPROOFING ACROSS THE BOTTOM OF THE GAP

James R. Childers Architect, Inc. 45 South 4th Street Fort Smith, AR 72801 479-783-2460 www.childersarchitect.com



CONSULTANT LOGO: SidePlate POWERS BY Mitek. 25909 Pala, Suite 200, Mission Viejo, CA 92691 www.sideplate.com



WILMA P. MANKILLER HEALTH CENTER EXPANSION PROJECT. STILWELL, OKLAHOMA. KEY PLAN, PROJECT PHASE, STEEL DETAILS, REVISIONS, DATE: 11-01-19, JOB NUMBER: 18-01.01, SHEET NUMBER: S8.01. SIDEPLATE is a registered trademark of Mitek Holdings, Inc., an affiliate of SidePlate Systems, Inc. Copyright © 2019 SidePlate Systems, Inc. All rights reserved. Without limitation, this drawing and the information herein may be used only for the construction, erection, operation, repair, maintenance, restoration or demolition of the building(s) specifically identified.

Table with 2 columns: #, DATE, REVISIONS, DESCRIPTION. Row 1: 1, 01/09/20, BID PACKAGE 01_ASI 01.

Table with 2 columns: DATE, JOB NUMBER. Row 1: 11-01-19, 18-01.01.

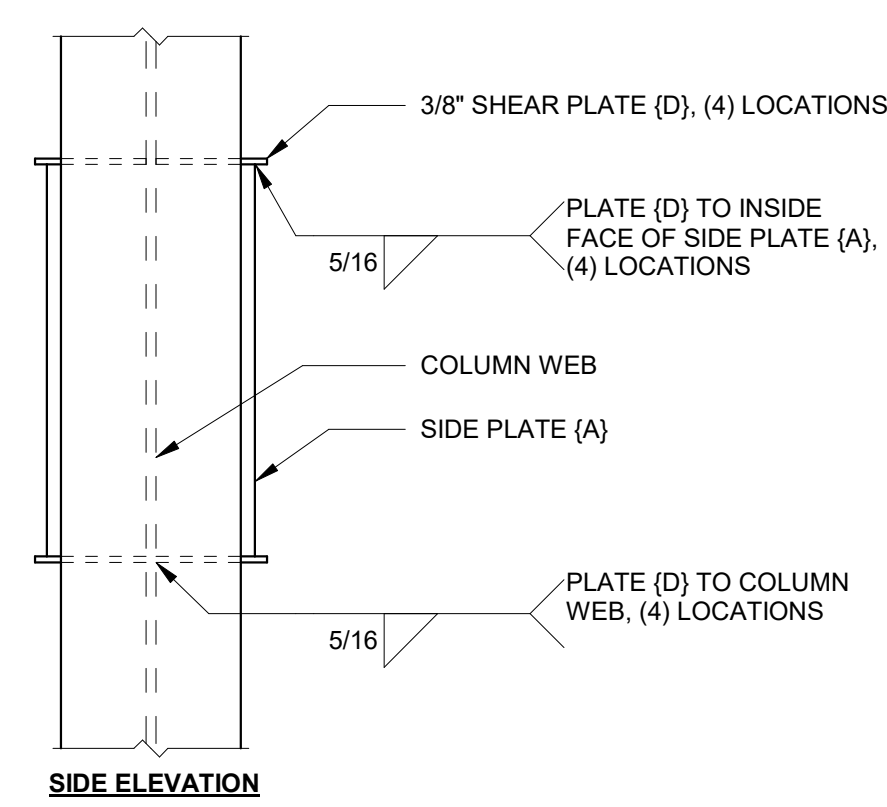
SIDEPLATE GENERAL NOTES AND CONSTRUCTION GUIDELINES

INTELLECTUAL PROPERTY RIGHTS NOTICE
 The SIDEPLATE® steel frame connection system is covered by one or more of U.S. Pat. Nos. 6,138,427; 6,516,583; 6,591,573; 7,178,296; 8,122,671; 8,122,672; 8,146,322; 8,176,706; 8,205,406; and 9,091,065 and foreign counterparts. Other U.S. and foreign applications pending.

SIDEPLATE® is a registered trademark of Mitek Holdings, Inc., an affiliate of SidePlate Systems, Inc.

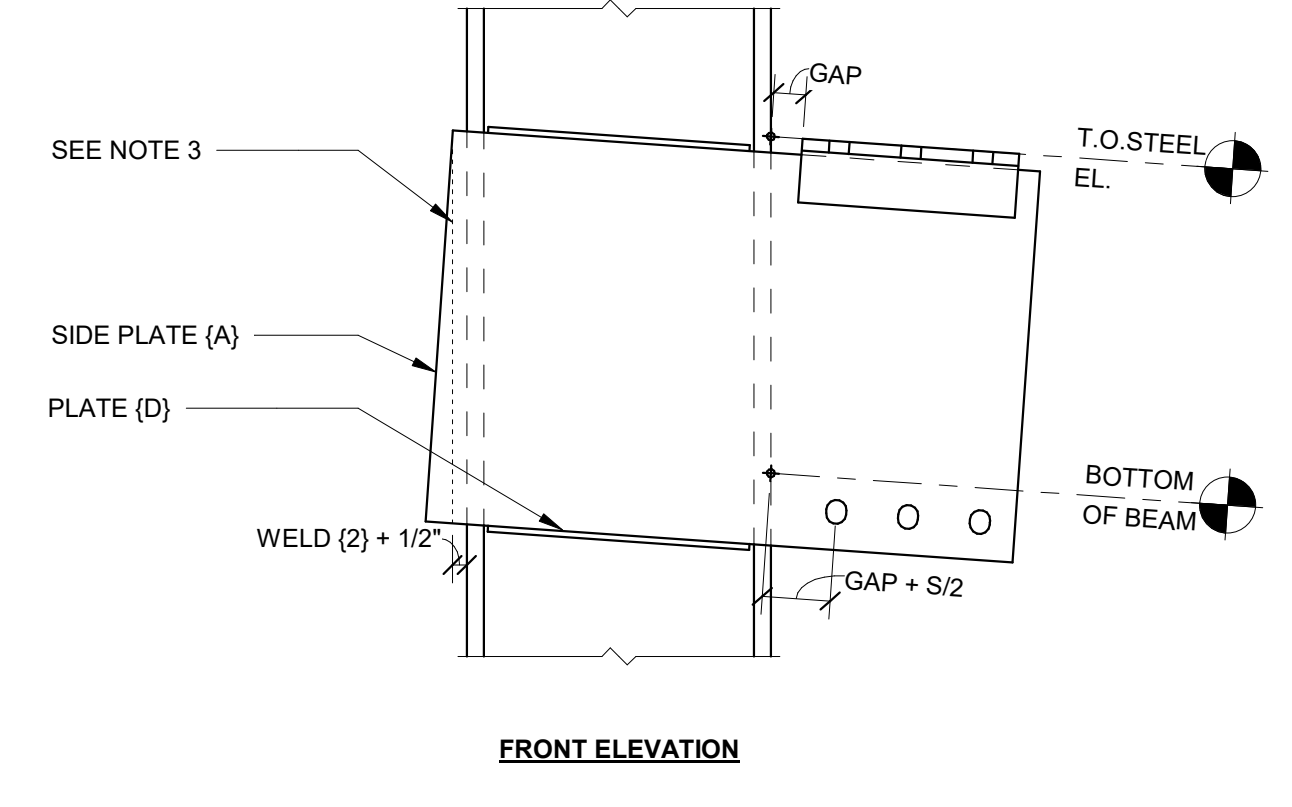
Copyright © 2019 SidePlate Systems, Inc. All rights reserved. Without limitation, this drawing and the information hereon may be used only following payment of a license fee to SidePlate Systems, Inc. and for the design, construction, operation, repair, maintenance, restoration or demolition of the building(s) specifically identified.

v15.06.02



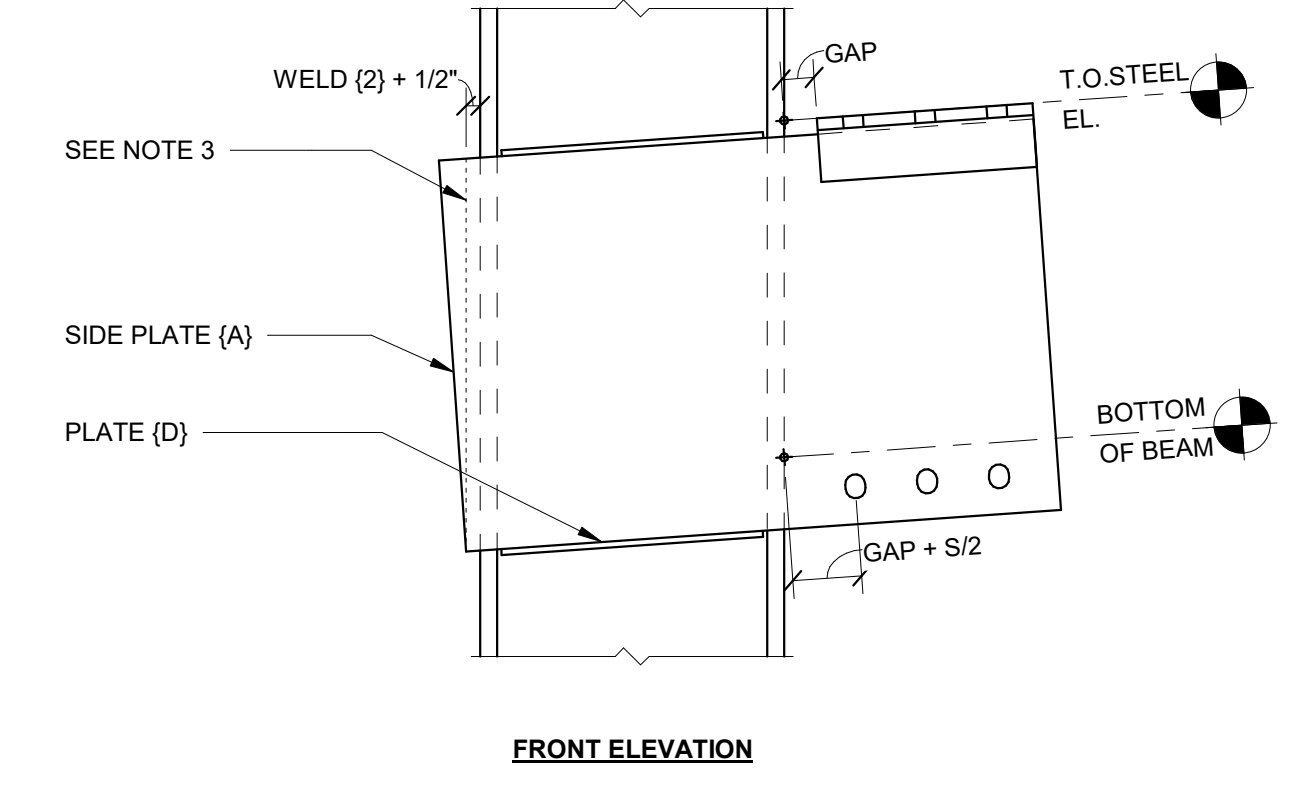
NOTE(S):
 1. LONGITUDINAL ANGLES (G) NOT SHOWN FOR CLARITY.

8 PLATE (D) DETAIL FOR SLOPED CONDITIONS
 N.T.S.



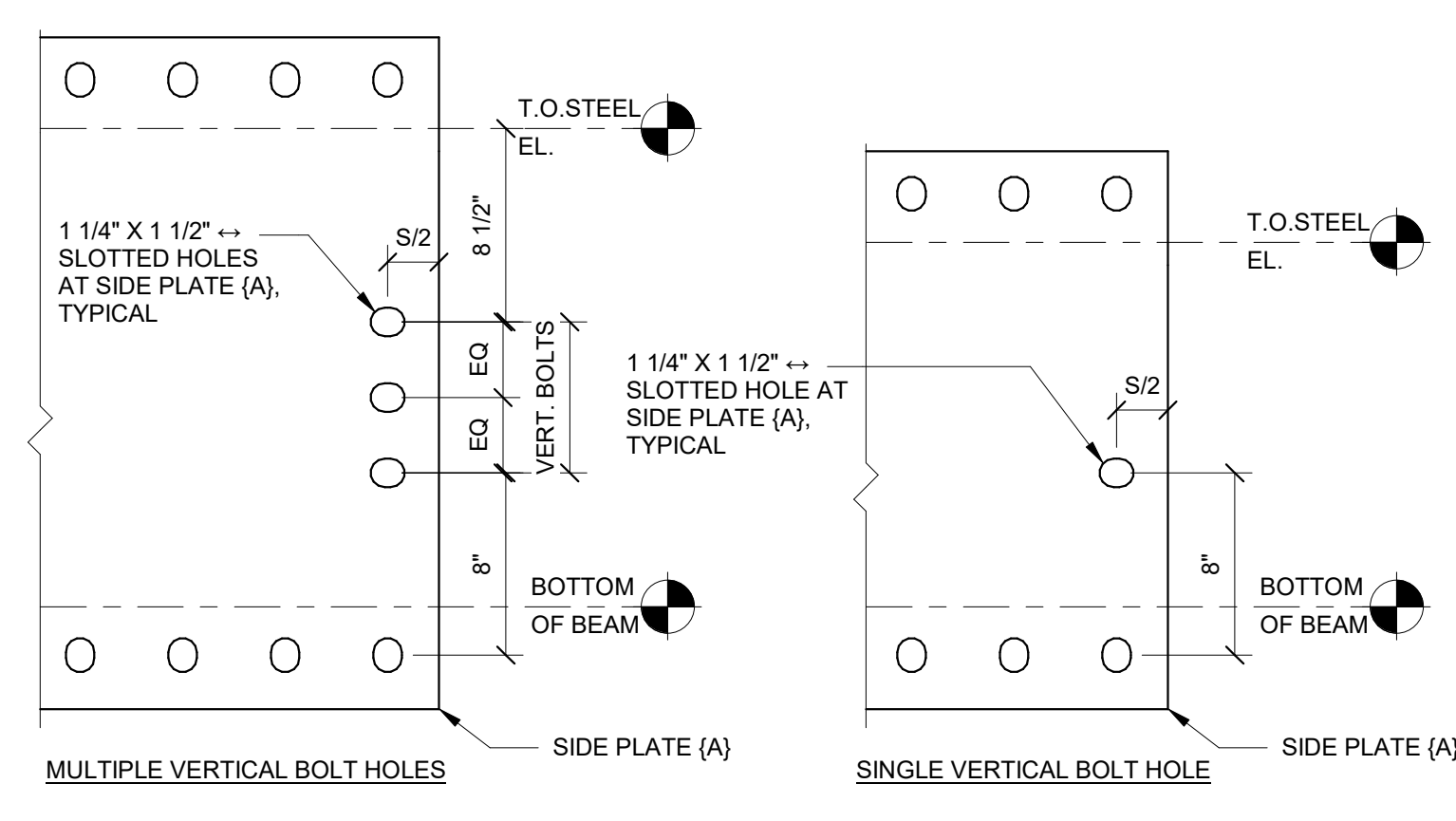
NOTE(S):
 1. FOR BEAM SLOPES > 1" PER FOOT, CONTACT SIDEPLATE SYSTEMS, INC.
 2. COORDINATE PLATES, ANGLES, AND DIMENSIONS WITH RESPECT TO THE SLOPE OF THE CONNECTION.
 3. AT CONTRACTOR'S DISCRETION, SIDE PLATE (A) MAY BE CUT AS SHOWN.
 4. HORIZONTAL SHEAR PLATES (D) AND ASSOCIATED WELDS ARE REQUIRED FOR SLOPED SIDE PLATE CONDITIONS. SEE 8 / S8.02

4 SLOPED DOWN CONNECTION (AS APPLICABLE)
 N.T.S.



NOTE(S):
 1. FOR BEAM SLOPES > 1" PER FOOT, CONTACT SIDEPLATE SYSTEMS, INC.
 2. COORDINATE PLATES, ANGLES, AND DIMENSIONS WITH RESPECT TO THE SLOPE OF THE CONNECTION.
 3. AT CONTRACTOR'S DISCRETION, SIDE PLATE (A) MAY BE CUT AS SHOWN.
 4. HORIZONTAL SHEAR PLATES (D) AND ASSOCIATED WELDS ARE REQUIRED FOR SLOPED SIDE PLATE CONDITIONS. SEE 8 / S8.02

3 SLOPED UP CONNECTION (AS APPLICABLE)
 N.T.S.



NOTE(S):
 1. SEE COLUMN SCHEDULE FOR BOLT QUANTITY.

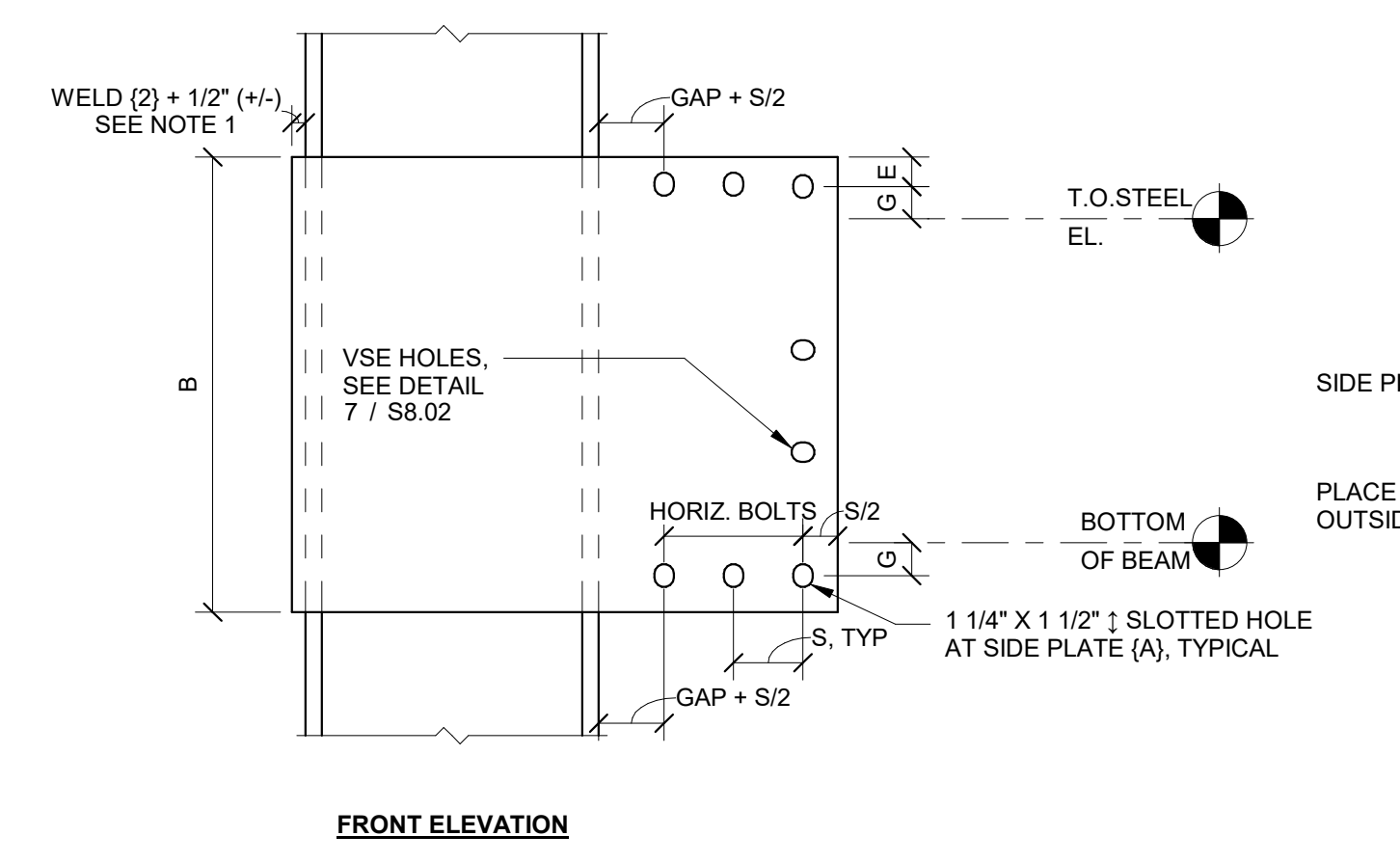
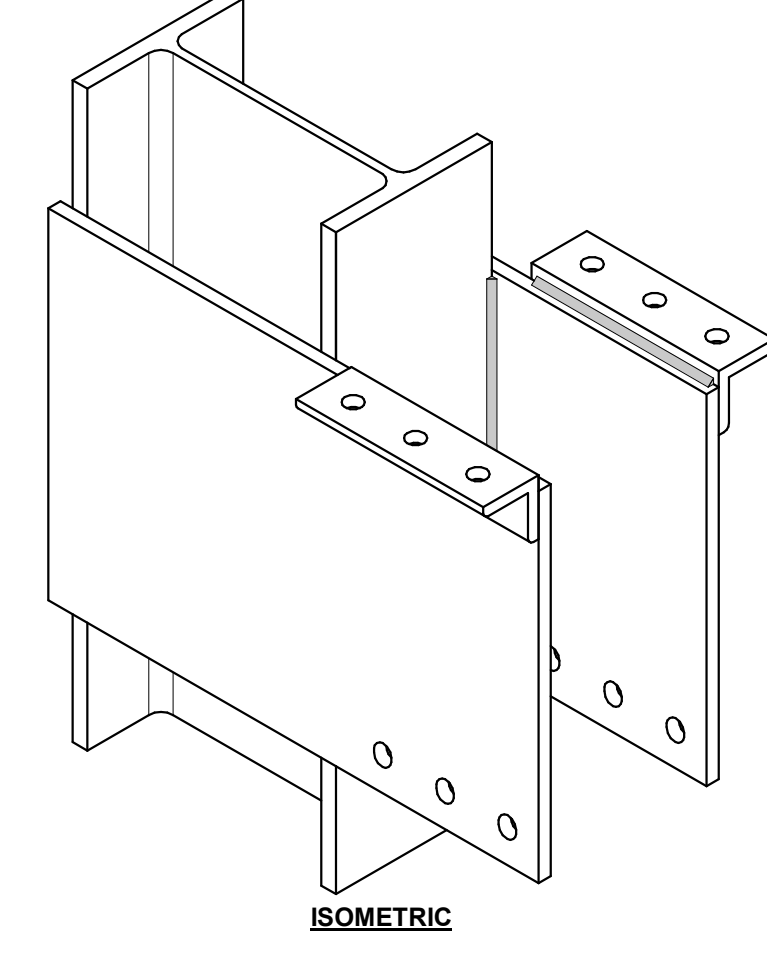
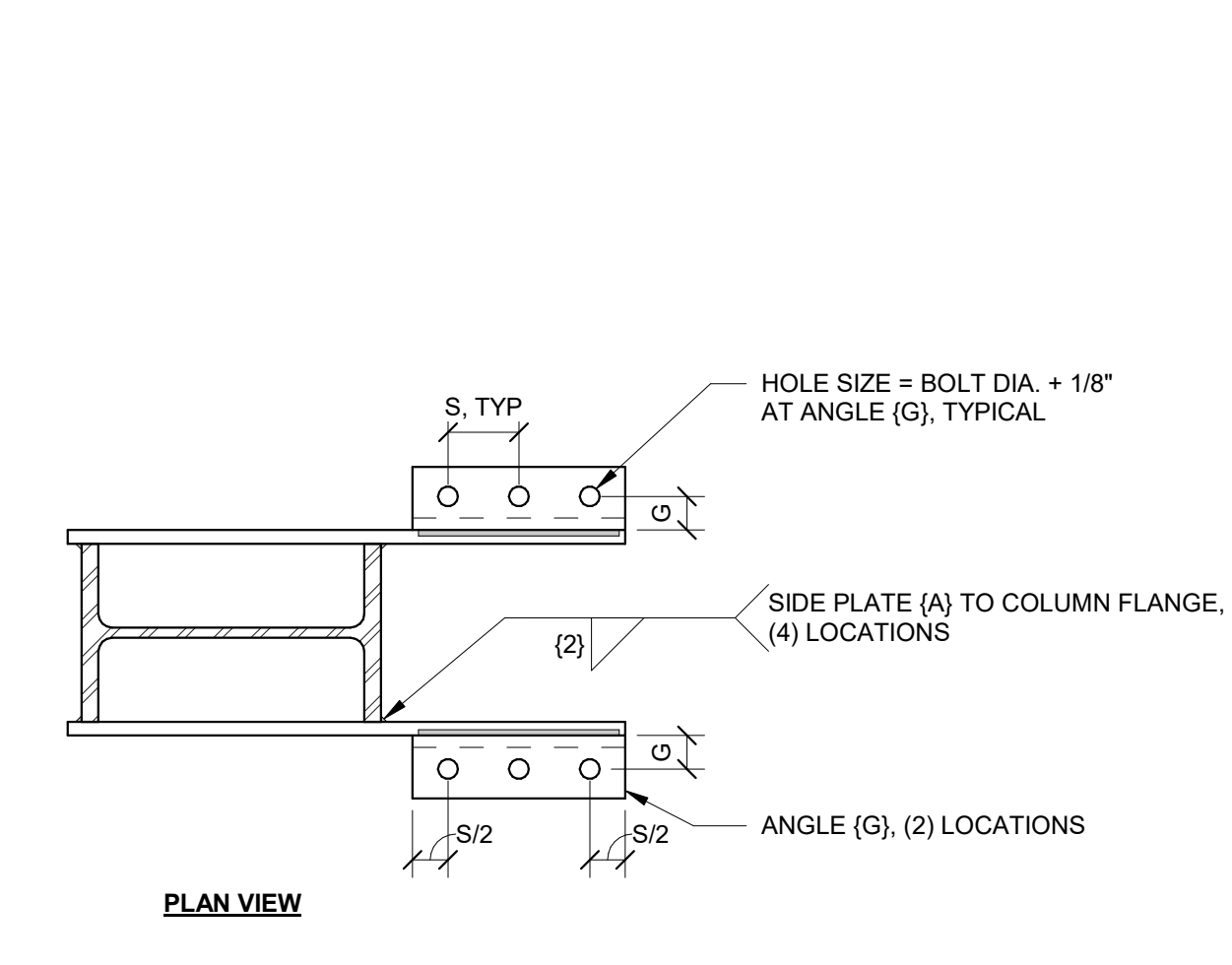
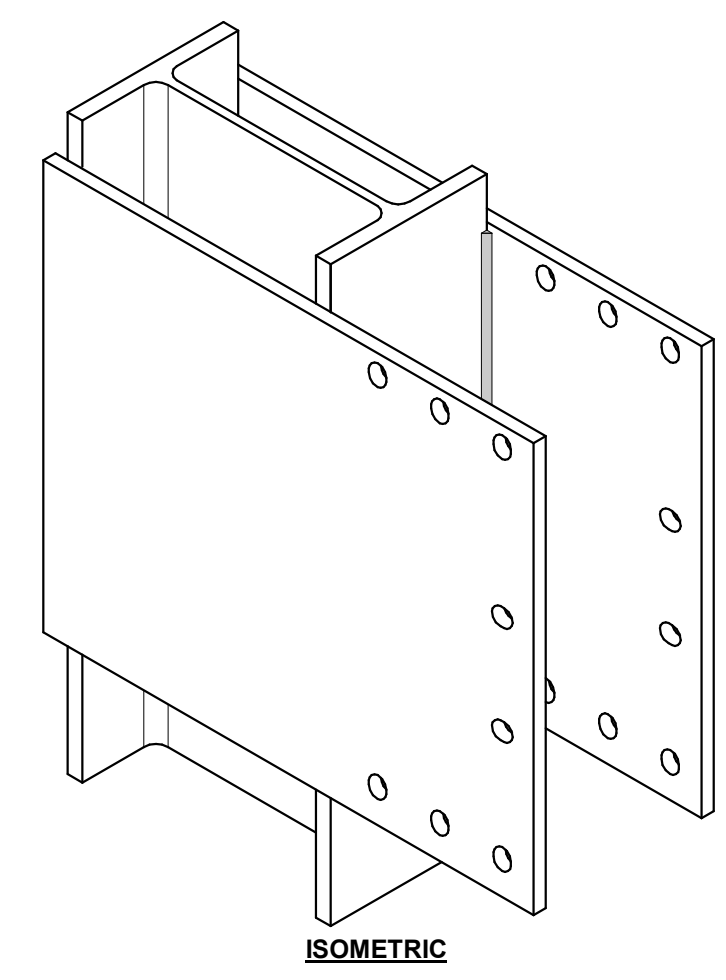
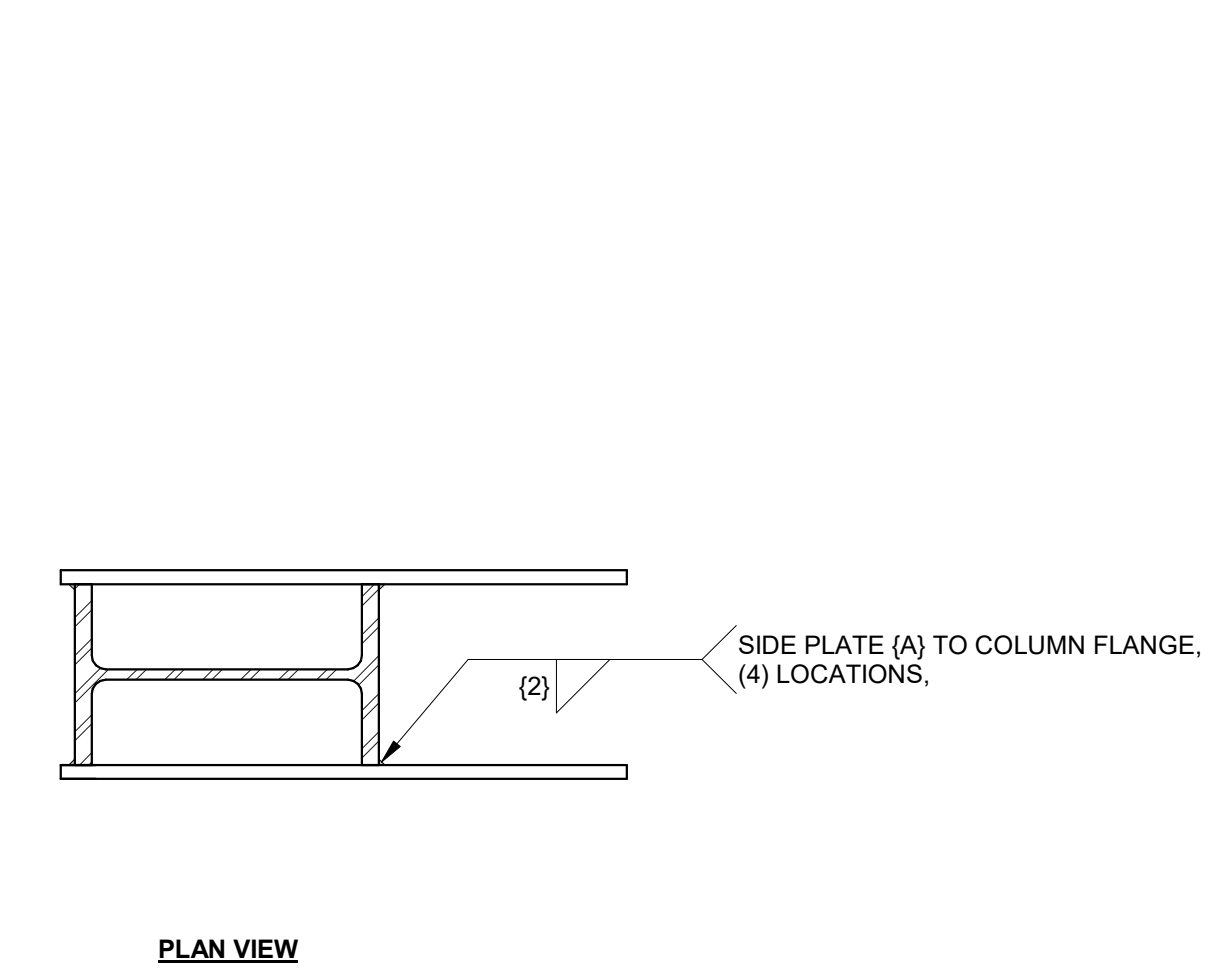
7 SIDE PLATE (A) VSE BOLT HOLE DETAIL
 N.T.S.

ID	COLUMN PANEL ZONE DESIGN (INCHES)				SIDE PLATE (A) EXTENSION DESIGN (INCHES)								
	SERIES	WELD (2)	BEAM	GAP	PLATE (A)			BOLT					
					THICKNESS	B	E	Y	DIAMETER	HORIZONTAL #	VERTICAL #	G	S
A15	W14x	3/8	W24X68	2	5/8	31 3/4	1 3/8	2 1/2	1 1/8	4	2	2 1/8	4 1/2
A25	W14x	3/8	W24X94	2	5/8	32 1/4	1 3/8	3 5/8	1 1/8	5	2	2 1/8	4 1/2
A45	W14x	3/8	W36X160	2	5/8	44	1 3/8	5	1 1/8	6	3	2 1/8	4 1/2

6 A TYPE NARROW COLUMN CONNECTION SCHEDULE
 N.T.S.

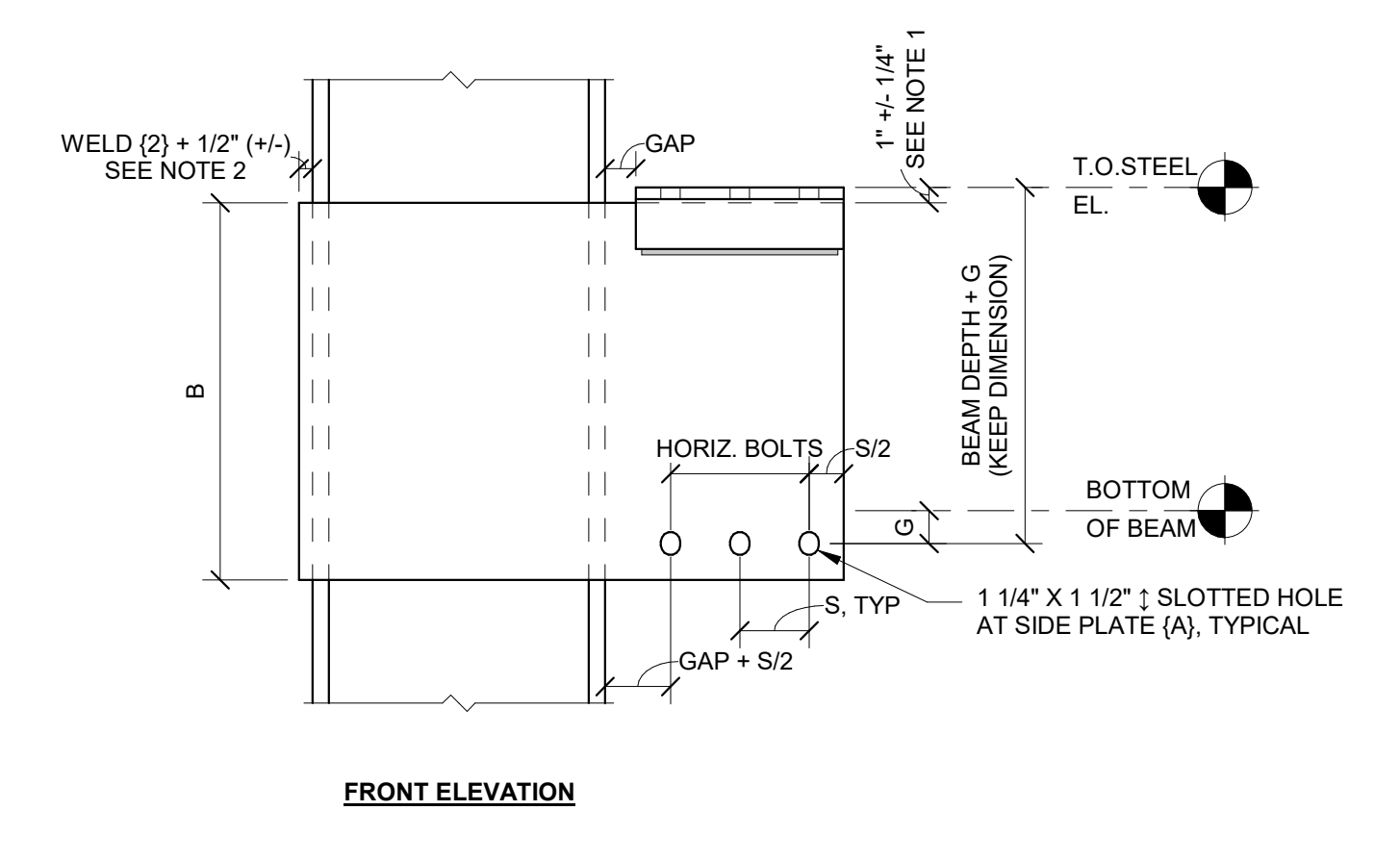
ID	COLUMN PANEL ZONE DESIGN (INCHES)				SIDE PLATE (A) EXTENSION DESIGN (INCHES)										
	SERIES	WELD (2)	BEAM	GAP	PLATE (A)			ANGLE (G)					BOLT		
					THICKNESS	B	Y	SUGGESTED SIZE	HORIZONTAL LEG	VERTICAL LEG	SIZE	DIAMETER	HORIZONTAL #	G	S
A10, A11, A19	W14x	3/8	W24X68	2	5/8	27 1/4	2 1/2	L5X3-1/2X5/8	3-1/2 to 6	4 to 6	5/16	1 1/8	4	2 1/8	4 1/2
A12	W14x	7/16	W24X68	2 1/4	1	27 1/4	1 7/8	L5X3-1/2X5/8	3-1/2 to 6	4 to 6	5/16	1 1/8	4	2 1/8	4 1/2
A13	W14x	3/8	W24X68	2	3/4	27 1/4	2 1/8	L5X3-1/2X5/8	3-1/2 to 6	4 to 6	5/16	1 1/8	4	2 1/8	4 1/2
A20	W14x	3/8	W24X94	2	7/8	27 3/4	2 7/8	L5X3-1/2X5/8	3-1/2 to 6	4 to 6	5/16	1 1/8	5	2 1/8	4 1/2
A30	W14x	3/8	W36X150	2	5/8	39 3/8	5	L5X3-1/2X5/8	3-1/2 to 6	4 to 6	5/16	1 1/8	6	2 1/8	4 1/2

2 A TYPE COLUMN CONNECTION SCHEDULE
 N.T.S.



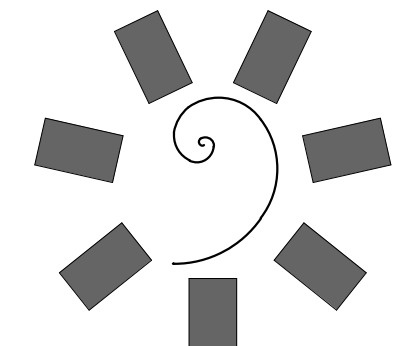
NOTE(S):
 1. THE 1/2 INCH OVERHANG ON THE SIDE PLATE (A) IS TO ENSURE SUFFICIENT ROOM FOR WELD (2). THE +/- TOLERANCE IS APPLIED SO THAT IF DESIRED, THE DETAILER CAN MAKE THE SIDE PLATES (A) THE SAME LENGTH WITH SLIGHTLY VARYING COLUMN DEPTHS WITHIN A GROUP OF THE SAME CONNECTION ID'S.

5 A TYPE NARROW BOLTED CONNECTION
 N.T.S.

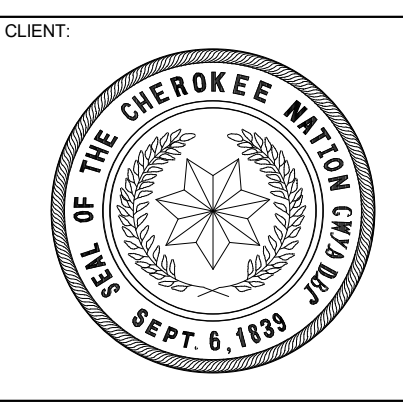
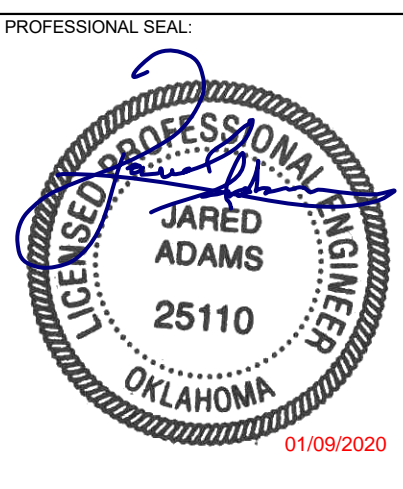


NOTE(S):
 1. THE +/- 1/4 INCH TOLERANCE FOR PLACEMENT OF ANGLES (G) IS TO ENSURE CORRECT TOP OF STEEL PLACEMENT RELATIVE TO THE CENTERLINE OF THE BOTTOM HORIZONTAL ROW OF BOLT HOLES. THE PLACEMENT OF ANGLES (G) SHALL NEVER BE MEASURED FROM THE BOTTOM EDGE OF SIDE PLATE (A) TO ESTABLISH THE CORRECT TOP OF STEEL.
 2. THE 1/2 INCH OVERHANG ON THE SIDE PLATE (A) IS TO ENSURE SUFFICIENT ROOM FOR WELD (2). THE +/- TOLERANCE IS APPLIED SO THAT IF DESIRED, THE DETAILER CAN MAKE THE SIDE PLATES (A) THE SAME LENGTH WITH SLIGHTLY VARYING COLUMN DEPTHS WITHIN A GROUP OF THE SAME CONNECTION ID'S.

1 A TYPE BOLTED CONNECTION
 N.T.S.



James R. Childers Architect, Inc.
 45 South 4th Street
 Fort Smith, AR 72901
 479-783-2450
 www.childersarchitect.com



WILMA P. MANKILLER HEALTH CENTER
EXPANSION
 STILWELL, OKLAHOMA

KEY PLAN:

PROJECT PHASE:
STEEL DETAILS

#	DATE	REVISIONS
1	01/19/20	BID PACKAGE 01 - ASI 01

DATE: 11-01-19
 JOB NUMBER: 18-01.01

SHEET NUMBER:
S8.02

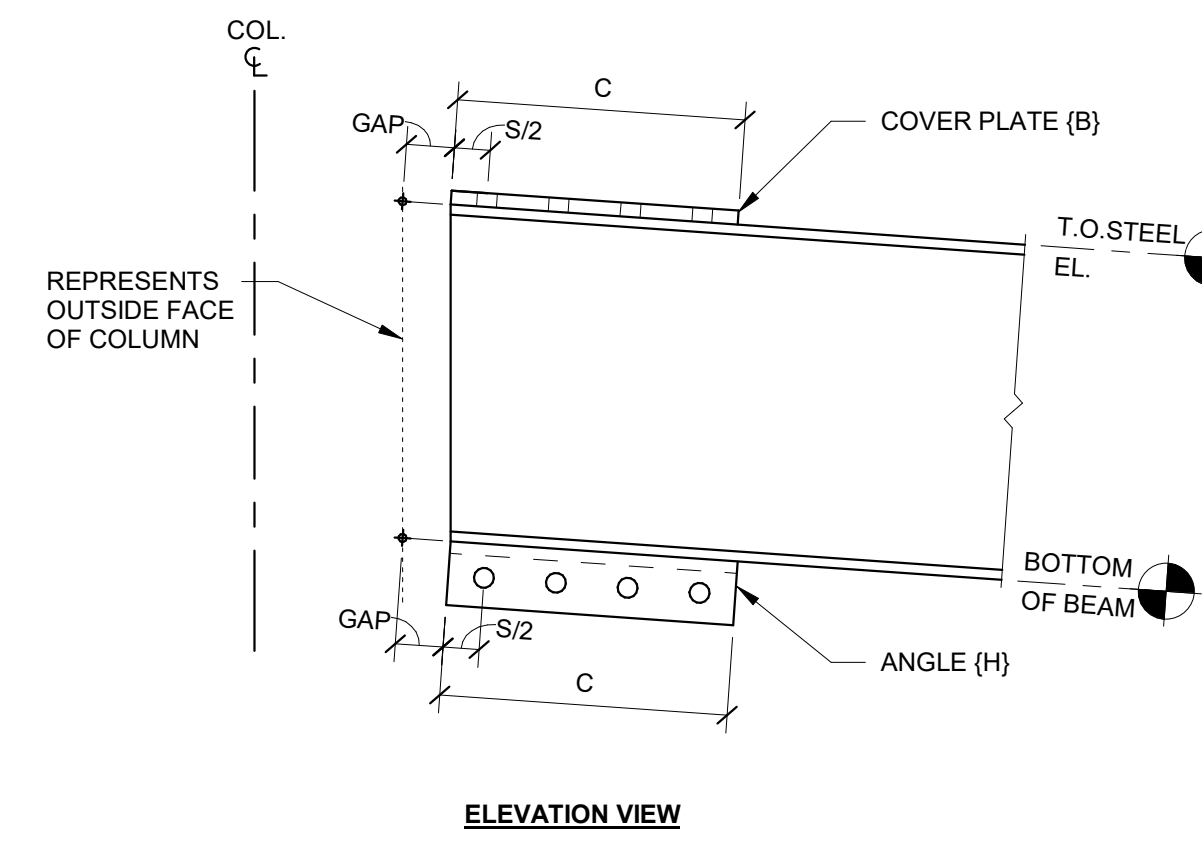
SIDEPLATE COLUMN DETAILS, A TYPE

INTELLECTUAL PROPERTY RIGHTS NOTICE
 The SIDEPLATE® steel frame connection system is covered by one or more of U.S. Pat. Nos. 6,138,427; 6,516,583; 6,591,573; 7,178,296; 8,122,671; 8,122,672; 8,140,322; 8,176,706; 8,205,408; and 9,091,065 and foreign counterparts. Other U.S. and foreign applications pending.

SIDEPLATE® is a registered trademark of Mitek Holdings, Inc., an affiliate of SidePlate Systems, Inc.

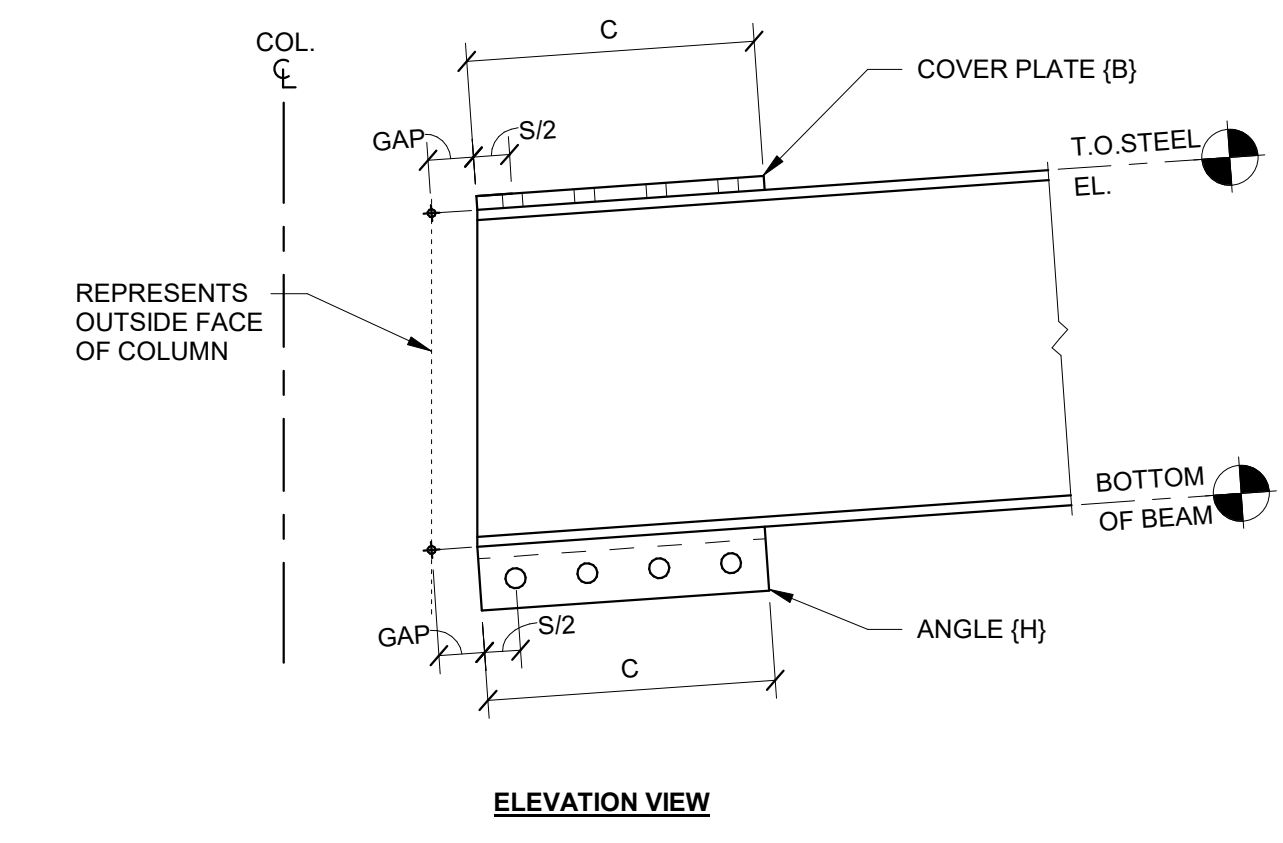
Copyright © 2019 SidePlate Systems, Inc. All rights reserved. Without limitation, this drawing and the information hereon may be used only following payment of a license fee to SidePlate Systems, Inc. and for the design, construction, operation, repair, maintenance, restoration or demolition of the building(s) specifically identified.

vis.08.02 3/19/2019



NOTE(S):
 1. FOR BEAM SLOPES > 1" PER FOOT, CONTACT SIDEPLATE SYSTEMS, INC.

4 SLOPED DOWN BEAM END (AS APPLICABLE)
 N.T.S.

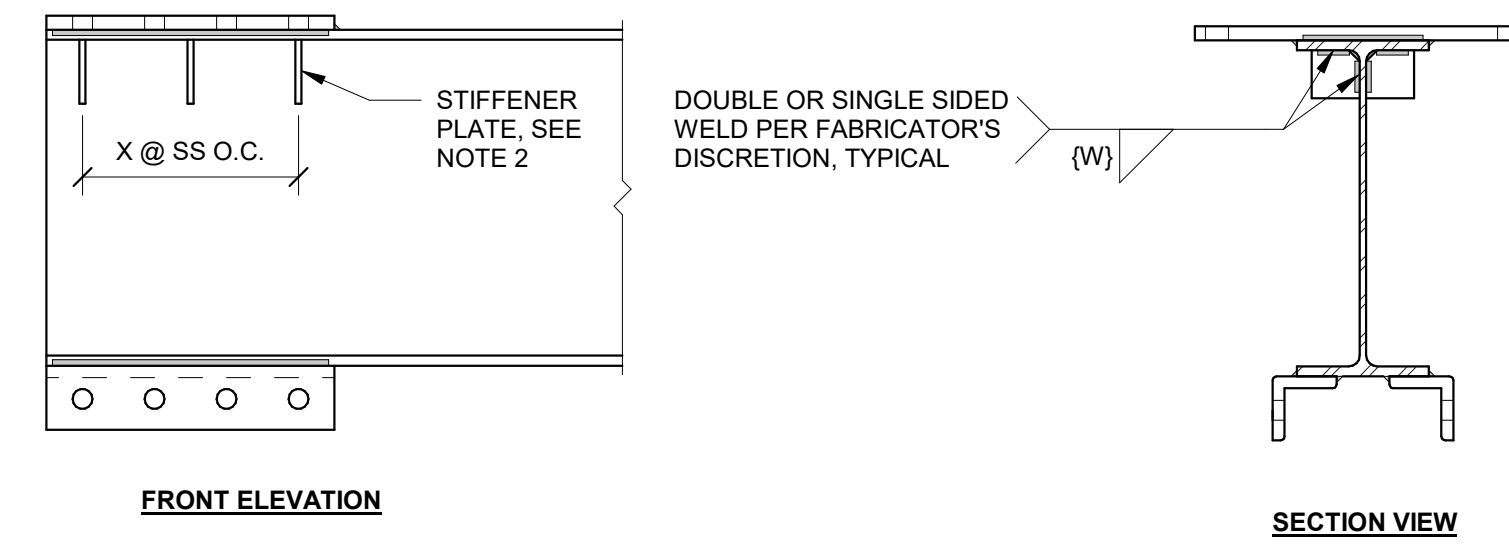


NOTE(S):
 1. FOR BEAM SLOPES > 1" PER FOOT, CONTACT SIDEPLATE SYSTEMS, INC.

3 SLOPED UP BEAM END (AS APPLICABLE)
 N.T.S.

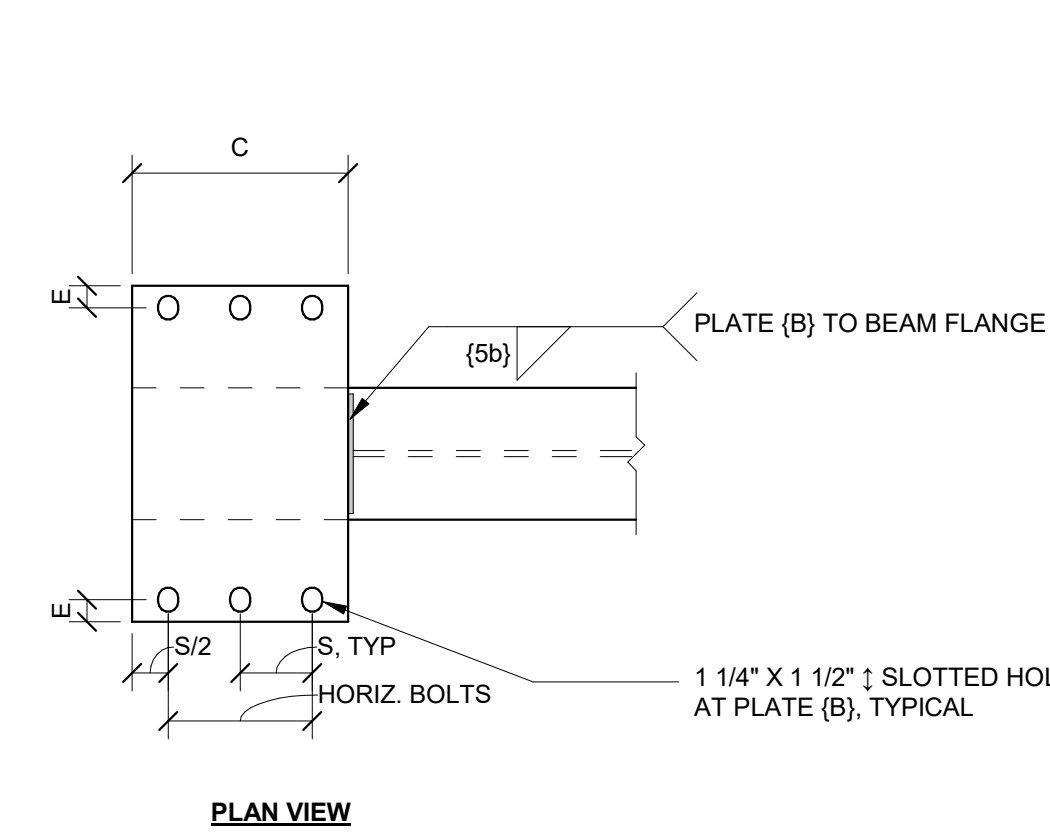
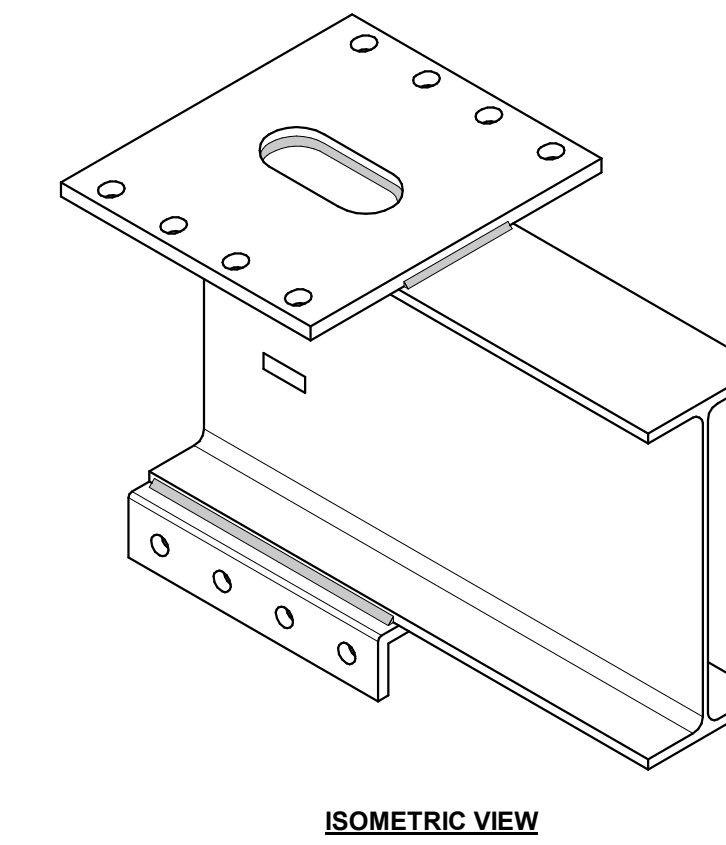
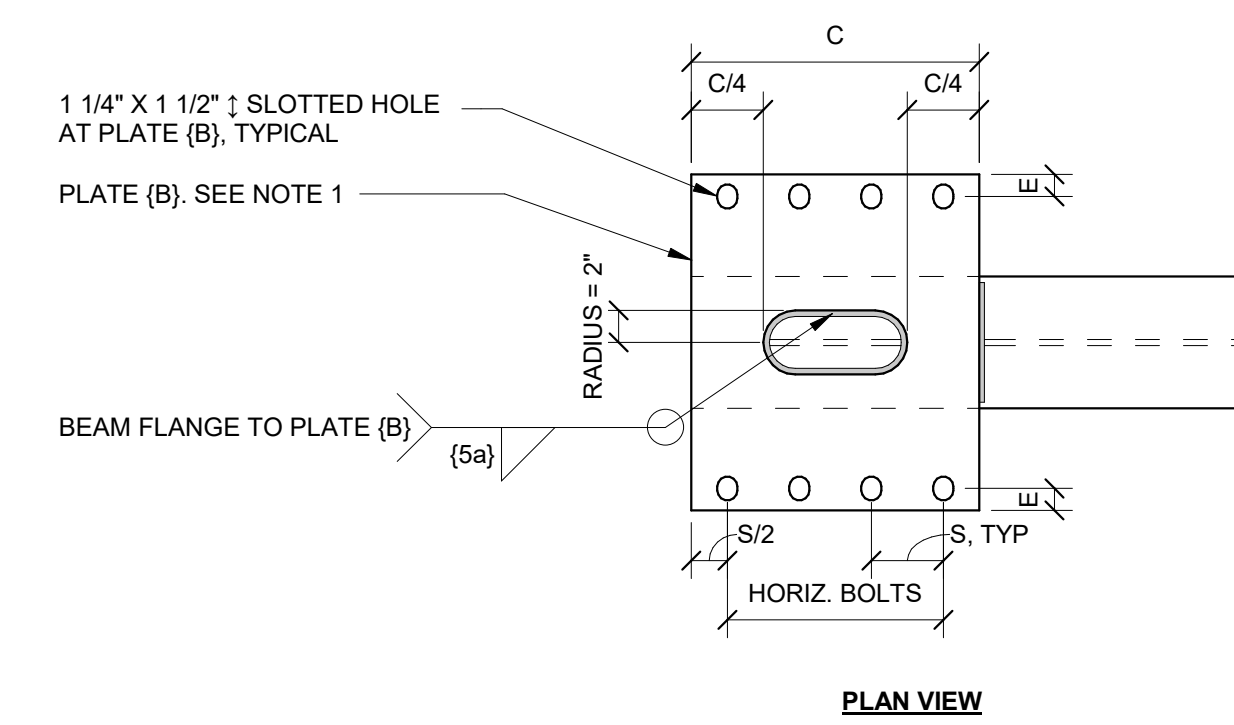
ID	BEAM DESIGN (INCHES)																						
	BEAM	PLATE				ANGLE				WELD				BOLT									
		SHAPE	GAP	(B)		STIFFENER (SEE DETAIL 6 THIS SHEET)		(H)		(5)	(5a)	(5b)	(W) (SEE DETAIL 6 THIS SHEET)		DIAMETER	HORIZONTAL #	G	S					
A10	W24X68	2	Slotted	1 1/8	1 3/8	8 1/4	-	-	-	-	L6X4X5/8	18	6	4	5/16	5/16	5/16	-	-	1 1/8	4	2 1/8	4 1/2
A11, B11	W24X68	2	Slotted	3/4	1 3/8	8 1/4	-	-	-	-	L7X4X5/8	18	7	4	5/16	5/16	5/16	-	-	1 1/8	4	2 1/8	4 1/2
A12, B12	W24X68	2 1/4	Slotted	3/4	1 3/8	9	-	-	-	-	L7X4X5/8	18	7	4	5/16	5/16	5/16	-	-	1 1/8	4	2 1/8	4 1/2
A13	W24X68	2	Slotted	7/8	1 3/8	8 1/2	-	-	-	-	L7X4X5/8	18	7	4	5/16	5/16	5/16	-	-	1 1/8	4	2 1/8	4 1/2
A19, B19	W24X68	2	Slotted	1	1 3/8	8 1/4	1/4	4 X 4	3	6 3/4	L6X4X5/8	18	6	4	5/16	5/16	5/16	1/4	1/8	1 1/8	4	2 1/8	4 1/2
A20, B20	W24X94	2	Slotted	1 1/4	1 3/8	8 3/4	-	-	-	-	L6X4X5/8	22 1/2	6	4	5/16	5/16	5/16	-	-	1 1/8	5	2 1/8	4 1/2
A30, B30	W36X150	2	Slotted	1 1/4	1 3/8	8 1/4	-	-	-	-	L5X3-1/2X5/8	27	5	3 1/2	5/16	5/16	5/16	-	-	1 1/8	6	2 1/8	4 1/2

2 BEAM END SCHEDULE
 N.T.S.



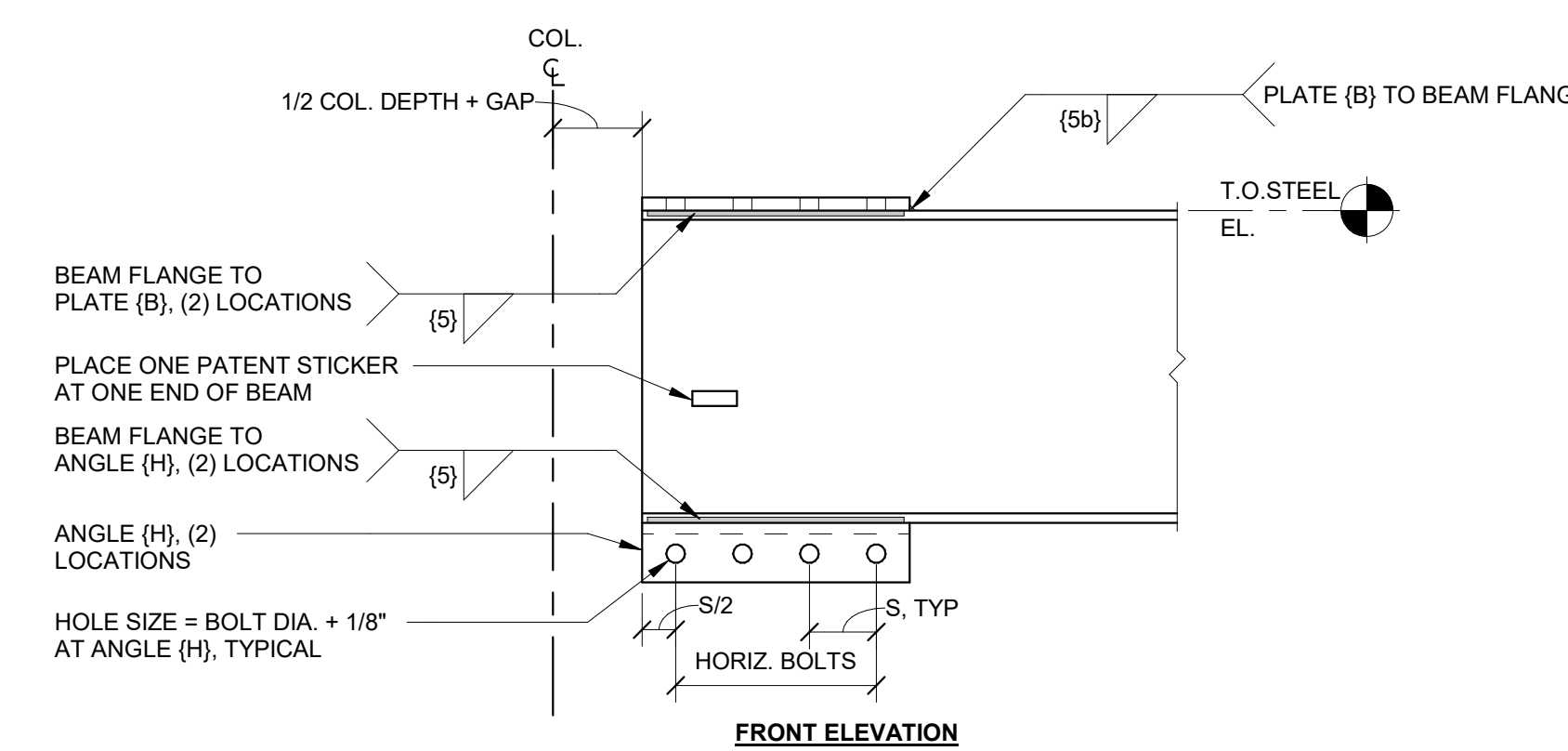
NOTE(S):
 1. SEE BEAM END SCHEDULE FOR QUANTITY, SPACING, AND WELDING OF STIFFENER PLATES.
 2. STIFFENER PLATES SHALL BE MADE OF GRADE 50 MATERIAL.
 3. STIFFENER PLATES AND WELDS ARE NOT CREATED BY SIDEPLATE CUSTOM COMPONENT TOOL.

6 STIFFENER PLATES
 N.T.S.



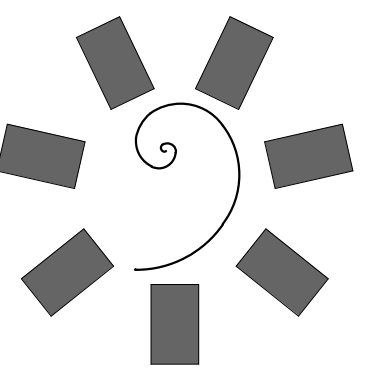
NOTE(S):
 1. FOR ITEMS NOT NOTED, SEE DETAIL 1 / S8.04

5 RECTANGULAR COVER PLATE (B)
 N.T.S.

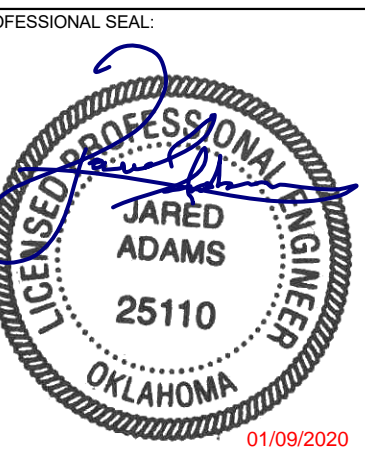


NOTE(S):
 1. USE SLOTTED OR RECTANGULAR COVER PLATE (B) PER SCHEDULE. FOR RECTANGULAR COVER PLATE, SEE DETAIL 5 / S8.04

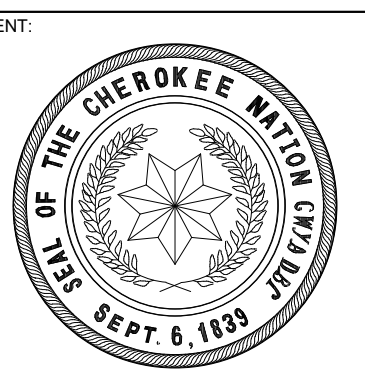
1 BEAM END DETAIL
 N.T.S.



James R. Childers
 Architect, Inc.
 45 South 4th Street
 Fort Smith, AR 72901
 479-783-2450
 www.childersarchitect.com



CONSULTANT LOGO
SIDEPLATE
 POWERED BY Mitek
 25909 Pala, Suite 200, Mission Viejo, CA 92691
 www.sideplate.com



WILMA P. MANKILLER HEALTH CENTER
 EXPANSION
 STILWELL, OKLAHOMA

KEY PLAN:

PROJECT PHASE:
 STEEL DETAILS

#	DATE	REVISIONS / DESCRIPTION
1	01/10/20	BID PACKAGE 01 - ASI 01

DATE: 11-01-19 JOB NUMBER: 18-01.01

SHEET NUMBER:

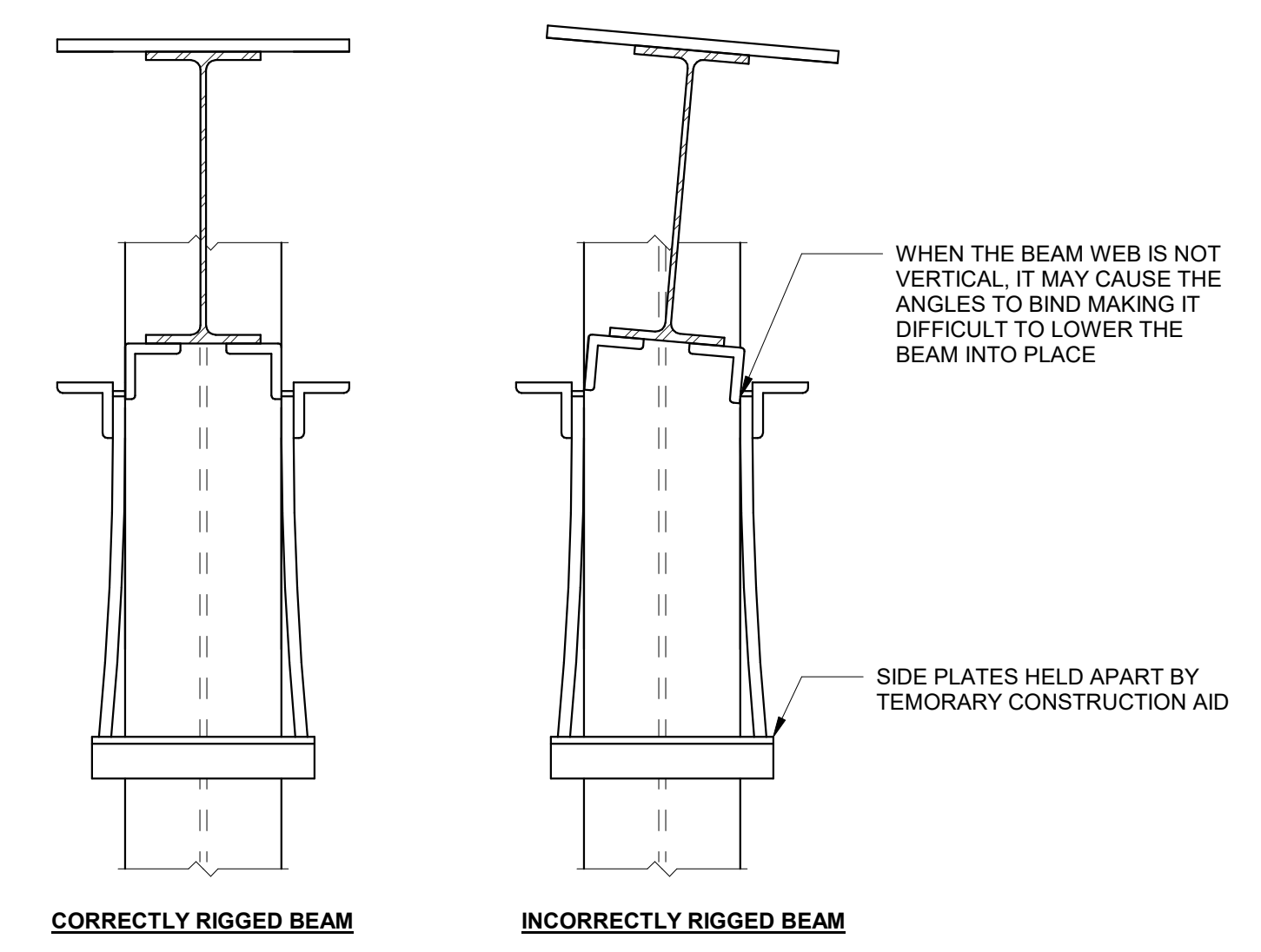
S8.04

SIDEPLATE BEAM DETAILS

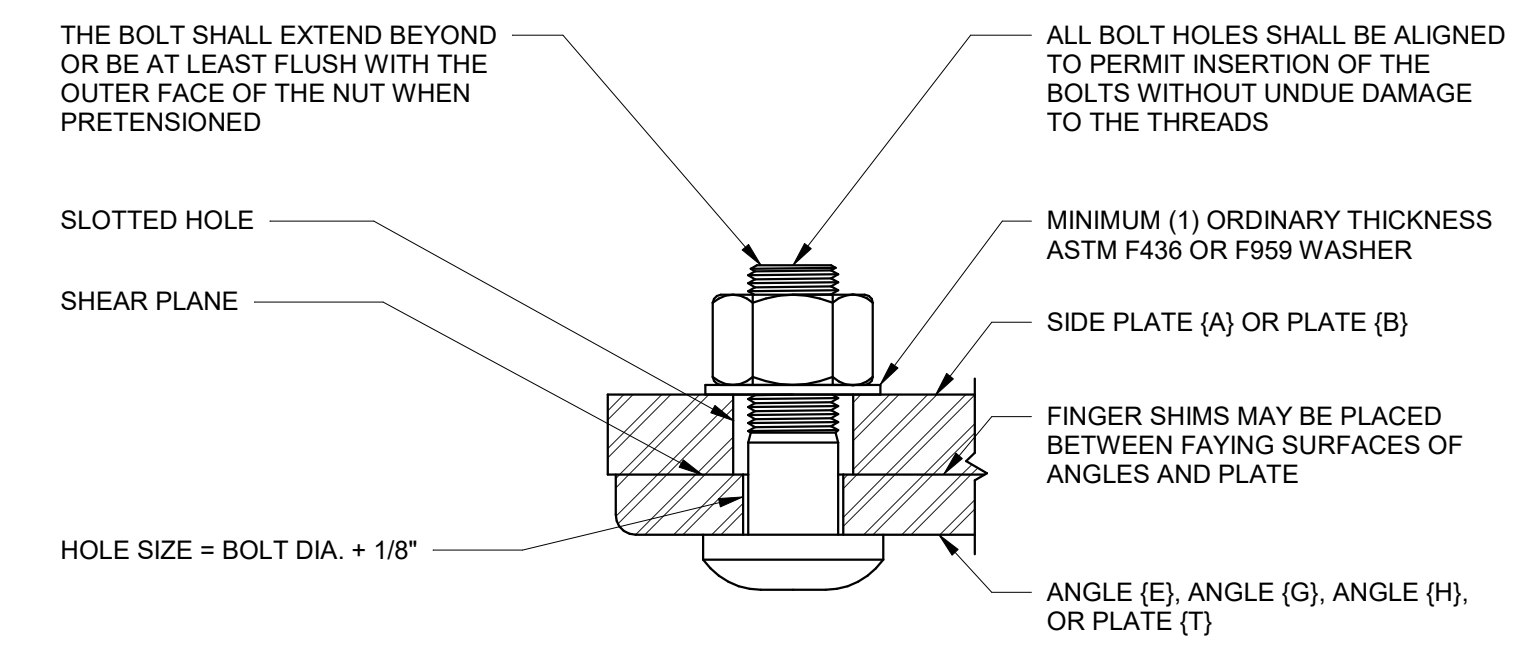
INTELLECTUAL PROPERTY RIGHTS NOTICE
 The SIDEPLATE® steel frame connection system is covered by one or more of U.S. Pat. Nos. 6,138,427; 6,516,583; 6,591,573; 7,178,296; 8,122,671; 8,122,672; 8,146,322; 8,176,706; 8,205,408; and 9,091,065 and foreign counterparts. Other U.S. and foreign applications pending.

SIDEPLATE® is a registered trademark of Mitek Holdings, Inc., an affiliate of SidePlate Systems, Inc.
 Copyright © 2019 SidePlate Systems, Inc. All rights reserved. Without limitation, this drawing and the information hereon may be used only following payment of a license fee to SidePlate Systems, Inc. and for the design, construction, operation, repair, maintenance, restoration or demolition of the building(s) specifically identified.

DATE PLOTTED: 11/08/20
 NAME: BSH/STB



4 BEAM INSTALLATION DETAIL
 N.T.S.



NOTES:
 1. BOLTS SHALL BE INSTALLED AS SHOWN TO KEEP THREADS OUTSIDE OF SHEAR PLANE.
 2. BOLTS SHALL BE SYSTEMATICALLY INSTALLED AS OUTLINED IN THE BOLTING SPECIFICATIONS. FIRST TO A SNUG TIGHT CONDITION, AND THEN PRETENSIONED.
 3. THE USE OF FINGER SHIMS ARE ALLOWED FOR GAPS GREATER THAN 1/8 INCH UP TO 1/4 INCH. CONTACT SIDEPLATE SYSTEMS, INC. IF GAPS ARE GREATER THAN 1/4 INCH.
 4. NUT SHALL BE ASTM A563.
 5. THE BOLT/FASTENER ASSEMBLY SHALL BE COVERED IN A LIGHT PROTECTIVE OIL.
 6. FOLLOW QUALITY CONTROL SECTION FOR EXPOSURE LIMITATION ON BOLTS/FASTENERS.

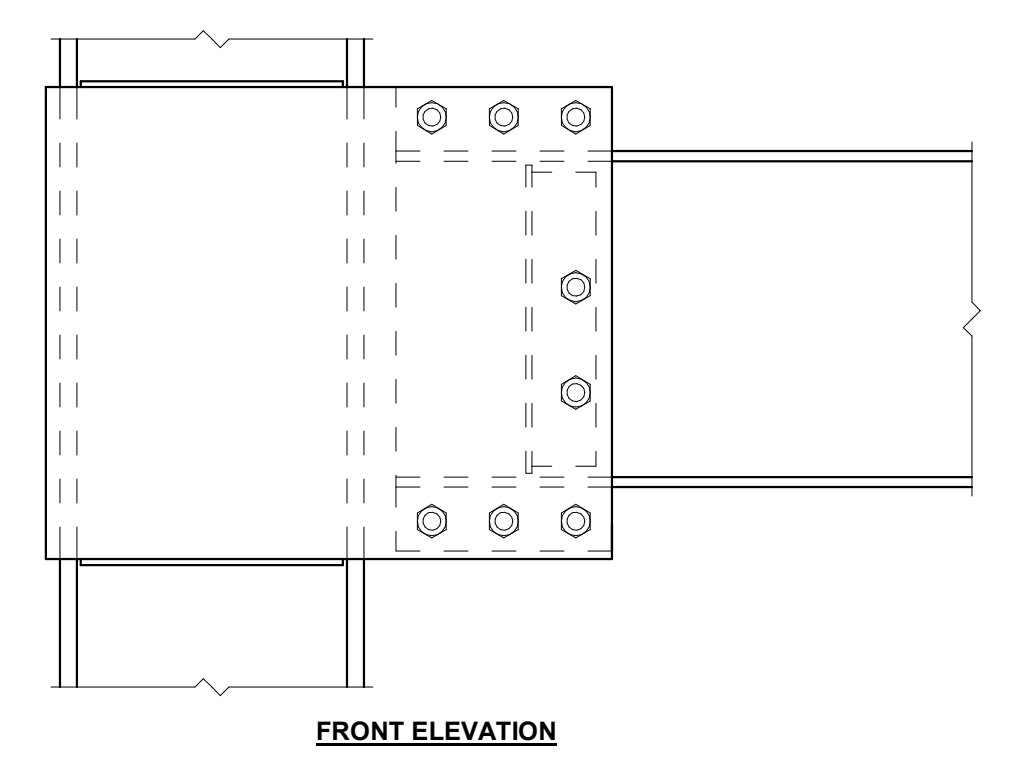
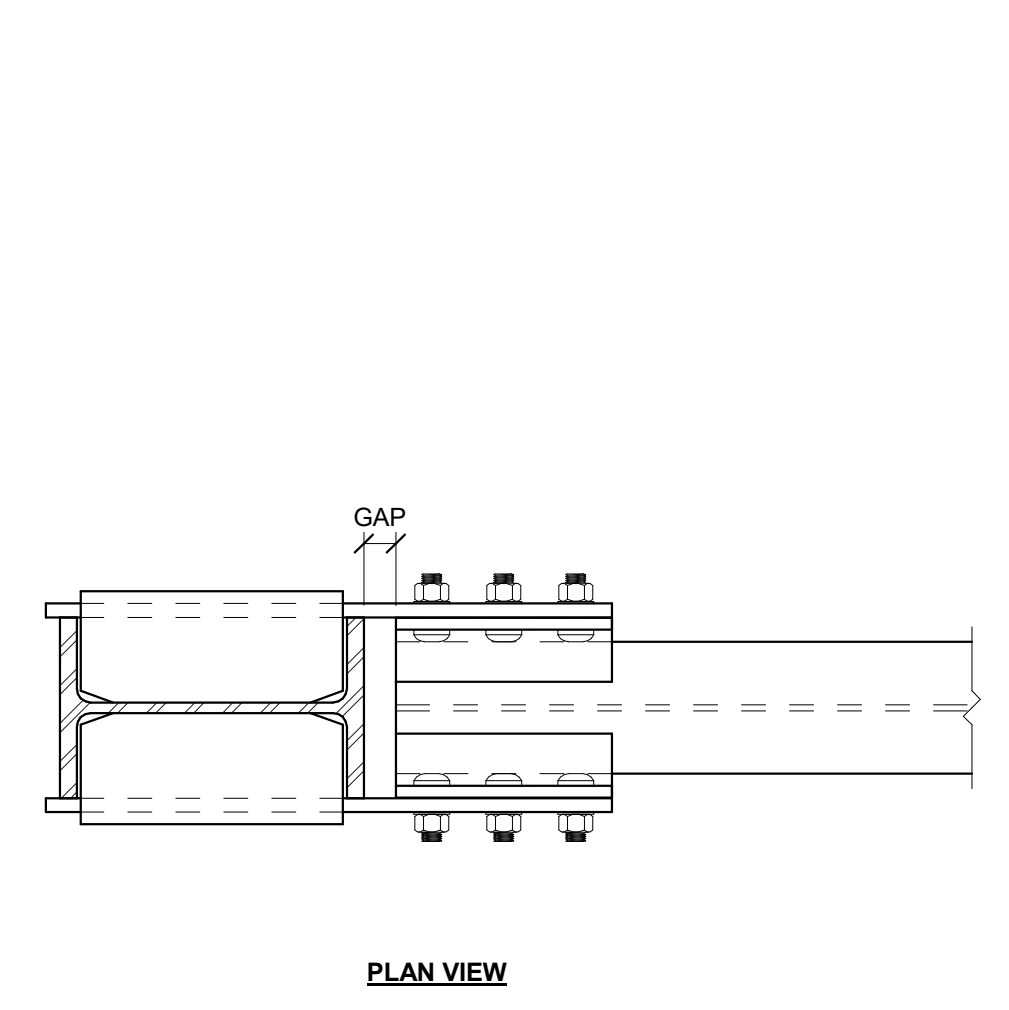
3 FIELD BOLTING DETAIL
 N.T.S.

ID	ERECTION DESIGN (INCHES)			
	BEAM		BOLT	
	SHAPE	DIAMETER	HORIZONTAL #	TOTAL # PER BEAM END
A10, A11, A12, A13, A19, B11, B12, B19	W24X88	1 1/8	4	16
A20, B20	W24X94	1 1/8	5	20
A30, B30	W36X150	1 1/8	6	24

2 BEAM ERECTION SCHEDULE
 N.T.S.

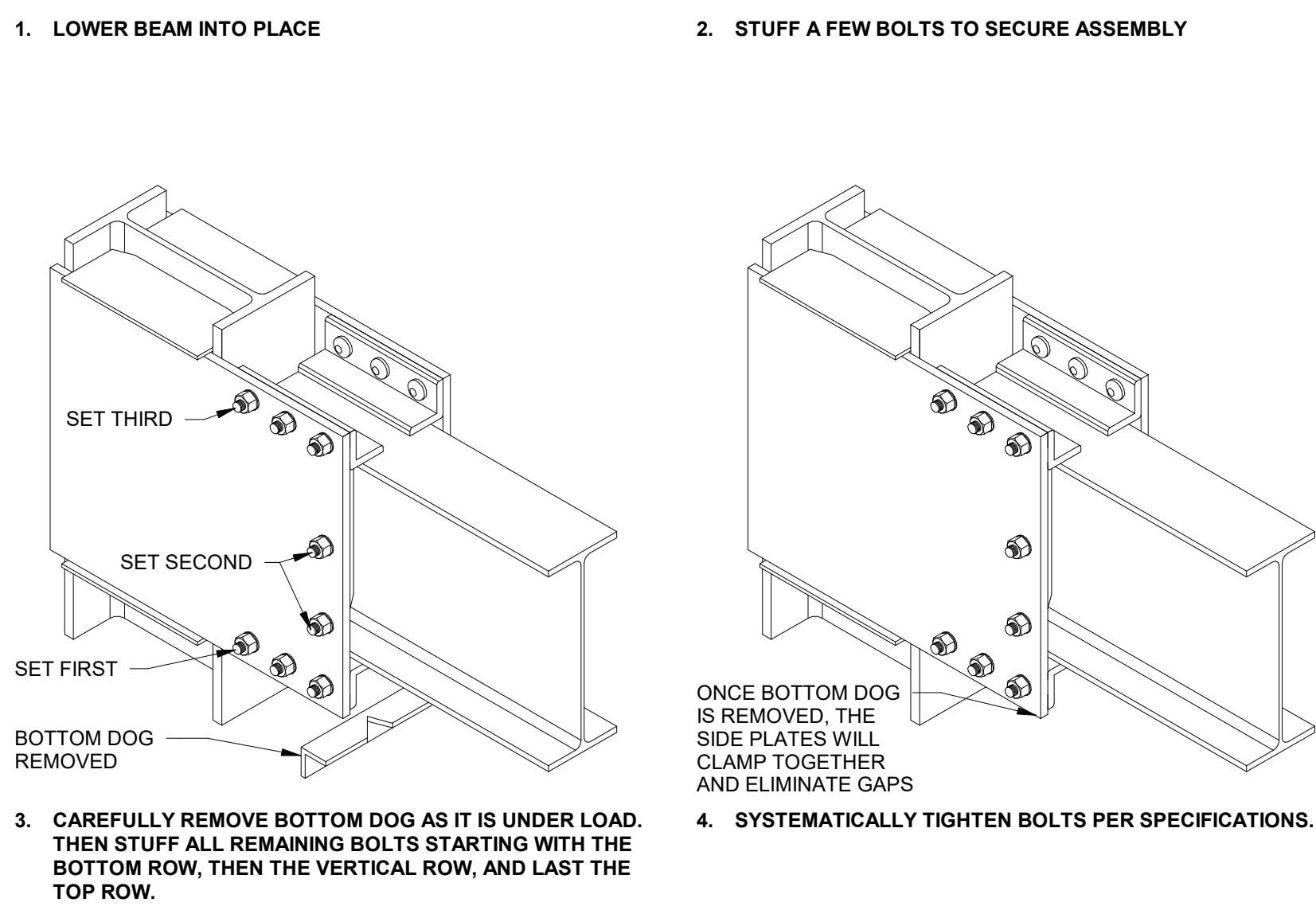
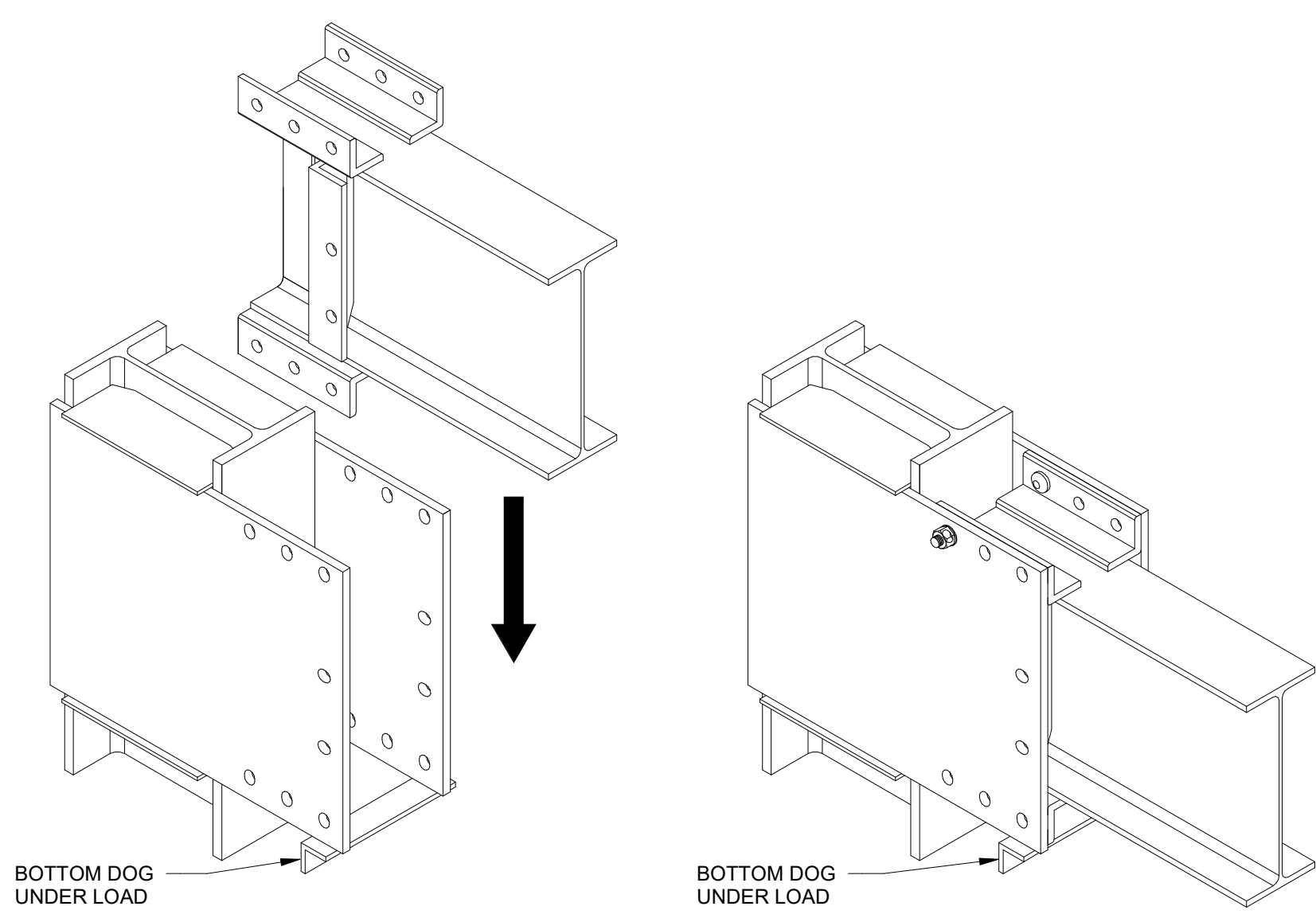
ID	ERECTION DESIGN (INCHES)				
	BEAM		BOLT		
	SHAPE	DIAMETER	HORIZONTAL #	VERTICAL #	TOTAL # PER BEAM END
A15, B15	W24X88	1 1/8	4	2	20
A25, B25	W24X94	1 1/8	5	2	24
A45, B45	W36X160	1 1/8	6	3	30

6 NARROW BEAM ERECTION SCHEDULE
 N.T.S.

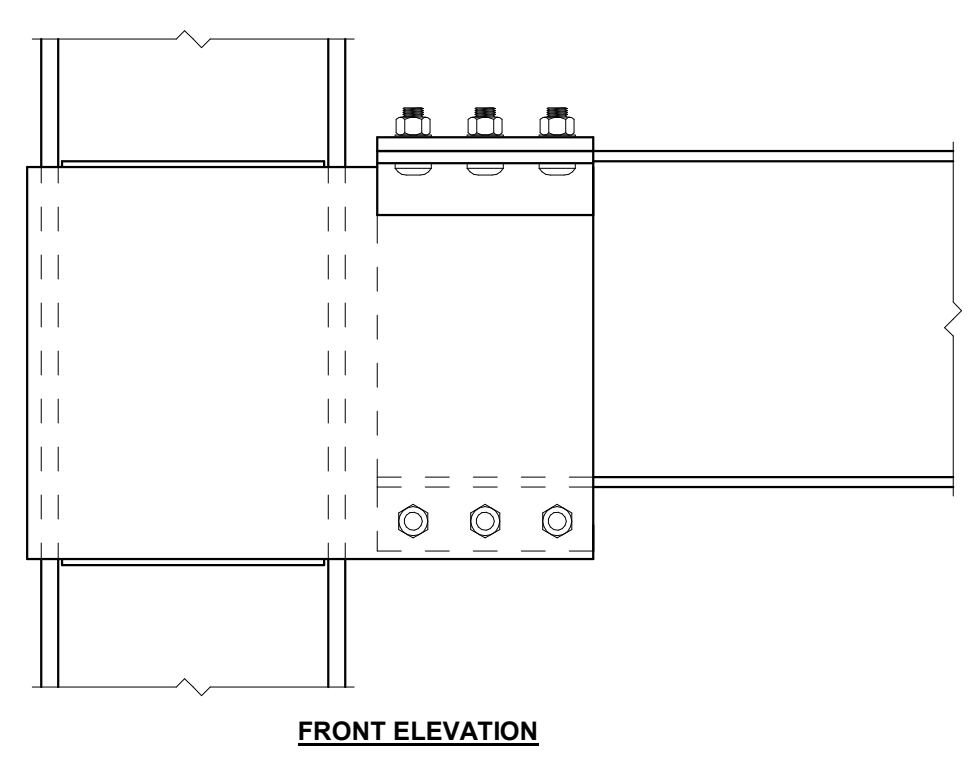
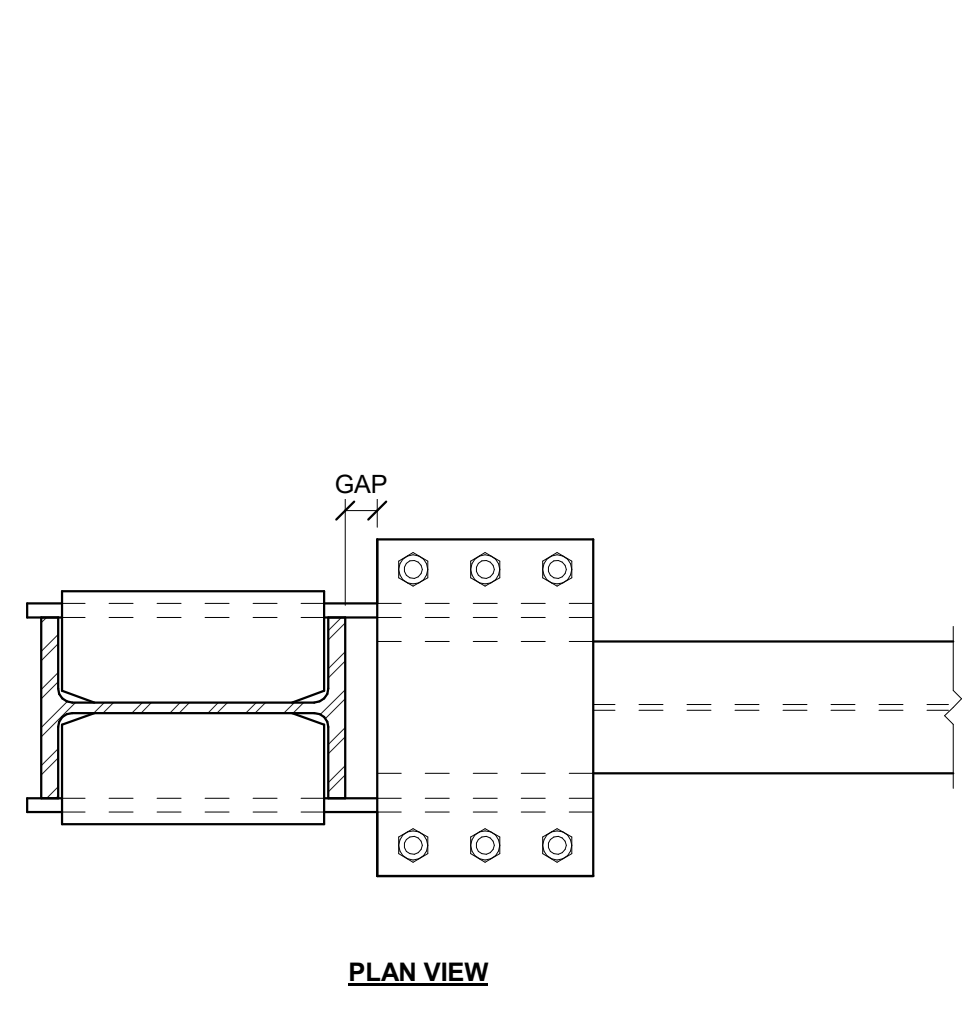


TYPICAL SEQUENCE OF ERECTION:
 1. LOWER THE BEAM INTO PLACE FROM ABOVE.
 2. STUFF A FEW BOLTS TO SECURE ASSEMBLY.
 3. **BOTTOM DOG SHALL BE REMOVED.** IT IS RECOMMENDED THAT IT BE REMOVED BY TORCH CUTTING A V SECTION OUT OF ONE OF THE ANGLE LEGS TO ALLEVIATE THE LOAD AND THEN PROCEED TO REMOVE IT. IT IS NOT RECOMMENDED TO USE A GRINDING WHEEL TO REMOVE THE WELDS WHILE THE DOG IS UNDER LOAD.
 4. BOLTS SHALL BE STUFFED INTO HOLES IN THE BEAM COVER PLATE (B) AND THE SIDE PLATES (A).
 5. SYSTEMATICALLY TIGHTEN BOLTS PER RCSC SPECIFICATIONS.
 6. THE WELD REMNANTS OF THE BOTTOM DOG MAY REMAIN IN PLACE AND DO NOT NEED TO BE GROUND SMOOTH.

5 NARROW BEAM ERECTION DETAIL
 N.T.S.

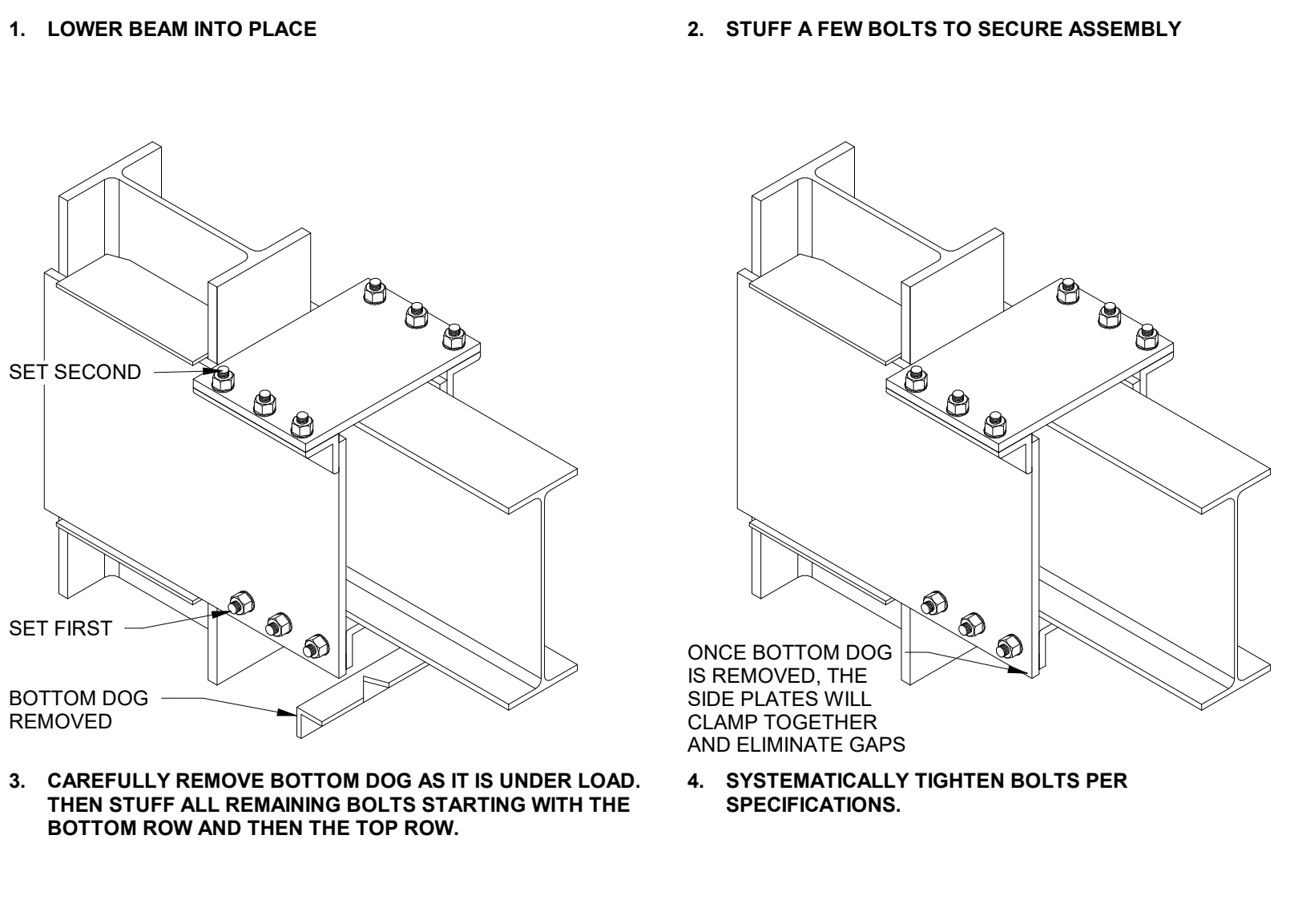
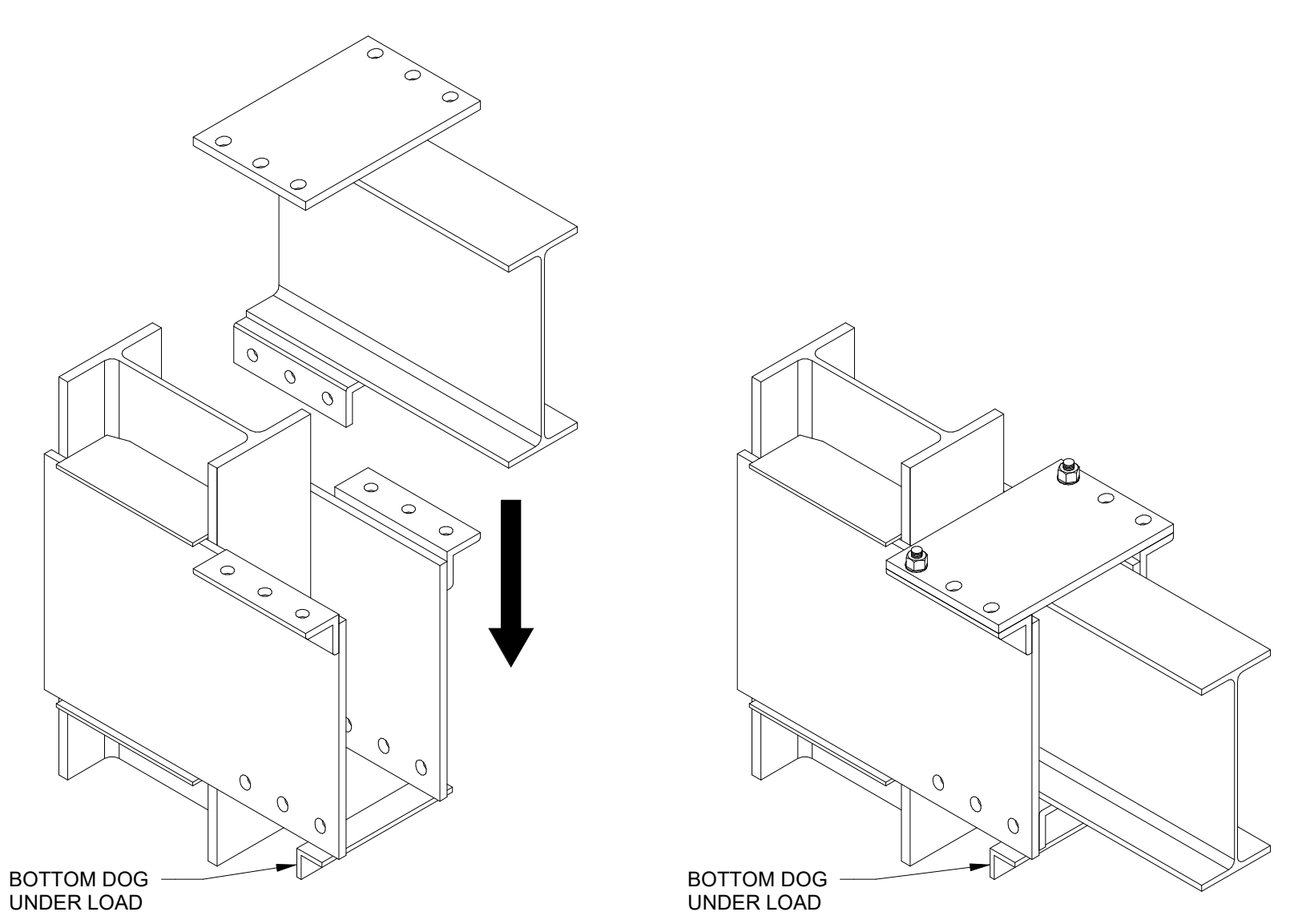


6 NARROW BEAM ERECTION DETAIL
 N.T.S.



TYPICAL SEQUENCE OF ERECTION:
 1. LOWER THE BEAM INTO PLACE FROM ABOVE.
 2. STUFF A FEW BOLTS TO SECURE ASSEMBLY.
 3. **BOTTOM DOG SHALL BE REMOVED.** IT IS RECOMMENDED THAT IT BE REMOVED BY TORCH CUTTING A V SECTION OUT OF ONE OF THE ANGLE LEGS TO ALLEVIATE THE LOAD AND THEN PROCEED TO REMOVE IT. IT IS NOT RECOMMENDED TO USE A GRINDING WHEEL TO REMOVE THE WELDS WHILE THE DOG IS UNDER LOAD.
 4. BOLTS SHALL BE STUFFED INTO HOLES IN THE BEAM COVER PLATE (B) AND THE SIDE PLATES (A).
 5. SYSTEMATICALLY TIGHTEN BOLTS PER RCSC SPECIFICATIONS.
 6. THE WELD REMNANTS OF THE BOTTOM DOG MAY REMAIN IN PLACE AND DO NOT NEED TO BE GROUND SMOOTH.

3 BEAM ERECTION DETAIL
 N.T.S.



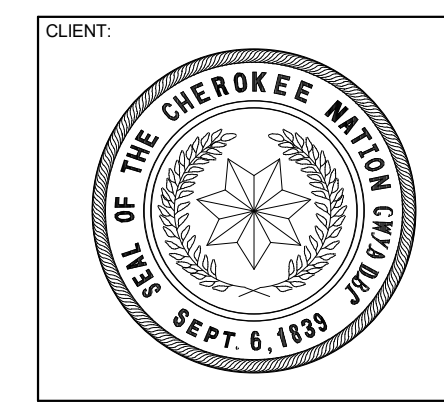
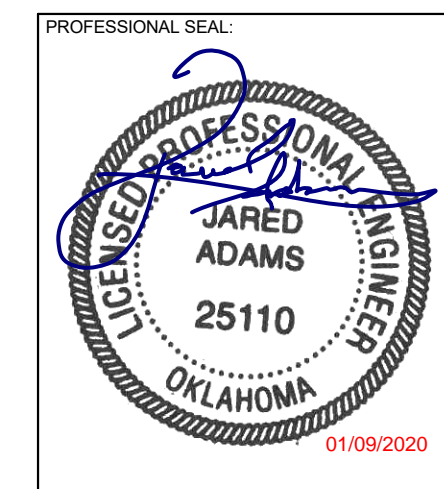
2 BEAM ERECTION SCHEDULE
 N.T.S.

INTELLECTUAL PROPERTY RIGHTS NOTICE
 The SIDEPLATE® steel frame connection system is covered by one or more of U.S. Pat. Nos. 6,138,427; 6,516,583; 6,591,573; 7,178,296; 8,122,671; 8,122,672; 8,146,322; 8,176,706; 8,205,406; and 9,091,065 and foreign counterparts. Other U.S. and foreign applications pending.

SIDEPLATE® is a registered trademark of Mitek Holdings, Inc., an affiliate of SidePlate Systems, Inc.

Copyright © 2019 SidePlate Systems, Inc. All rights reserved. Without limitation, this drawing and the information hereon may be used only following payment of a license fee to SidePlate Systems, Inc. and for the design, construction, operation, repair, maintenance, restoration or demolition of the building(s) specifically identified.

v15.06.02



**WILMA P. MANKILLER HEALTH CENTER
EXPANSION**
 STILWELL, OKLAHOMA

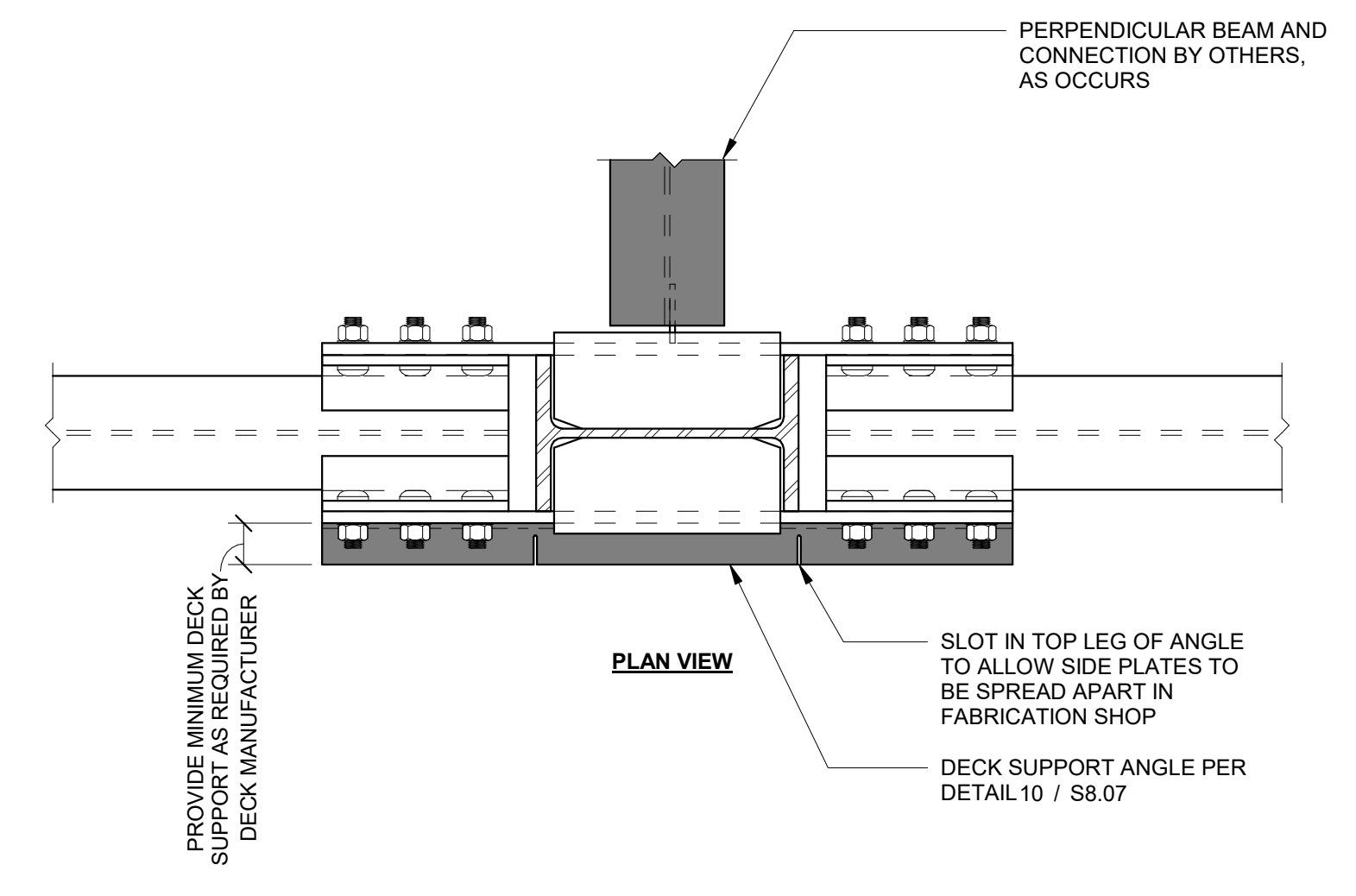
KEY PLAN

PROJECT PHASE
STEEL DETAILS

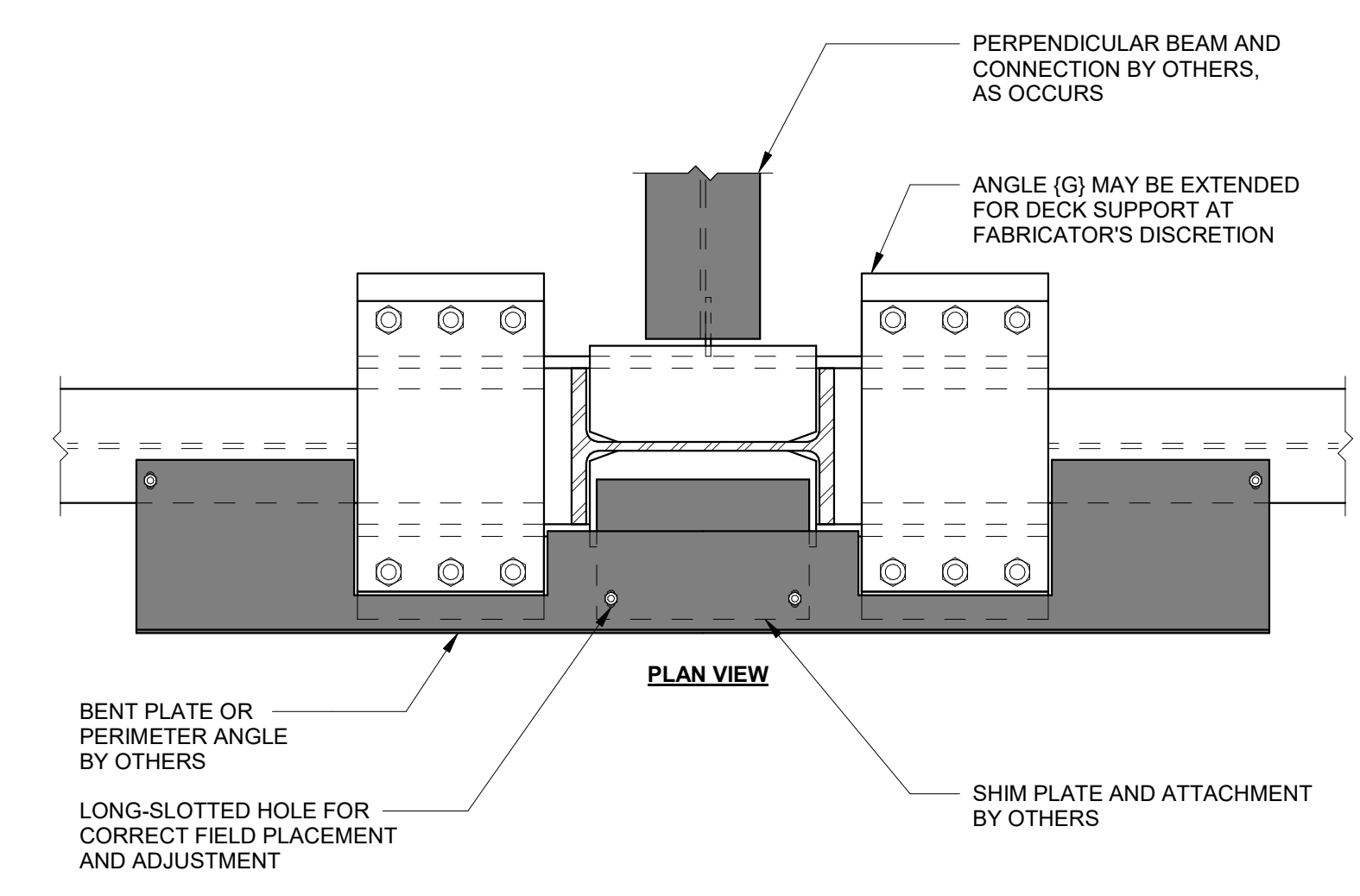
#	DATE	REVISIONS DESCRIPTION
1	01/19/20	BID PACKAGE 01-AS01

DATE: 11-01-19 JOB NUMBER: 18-01.01

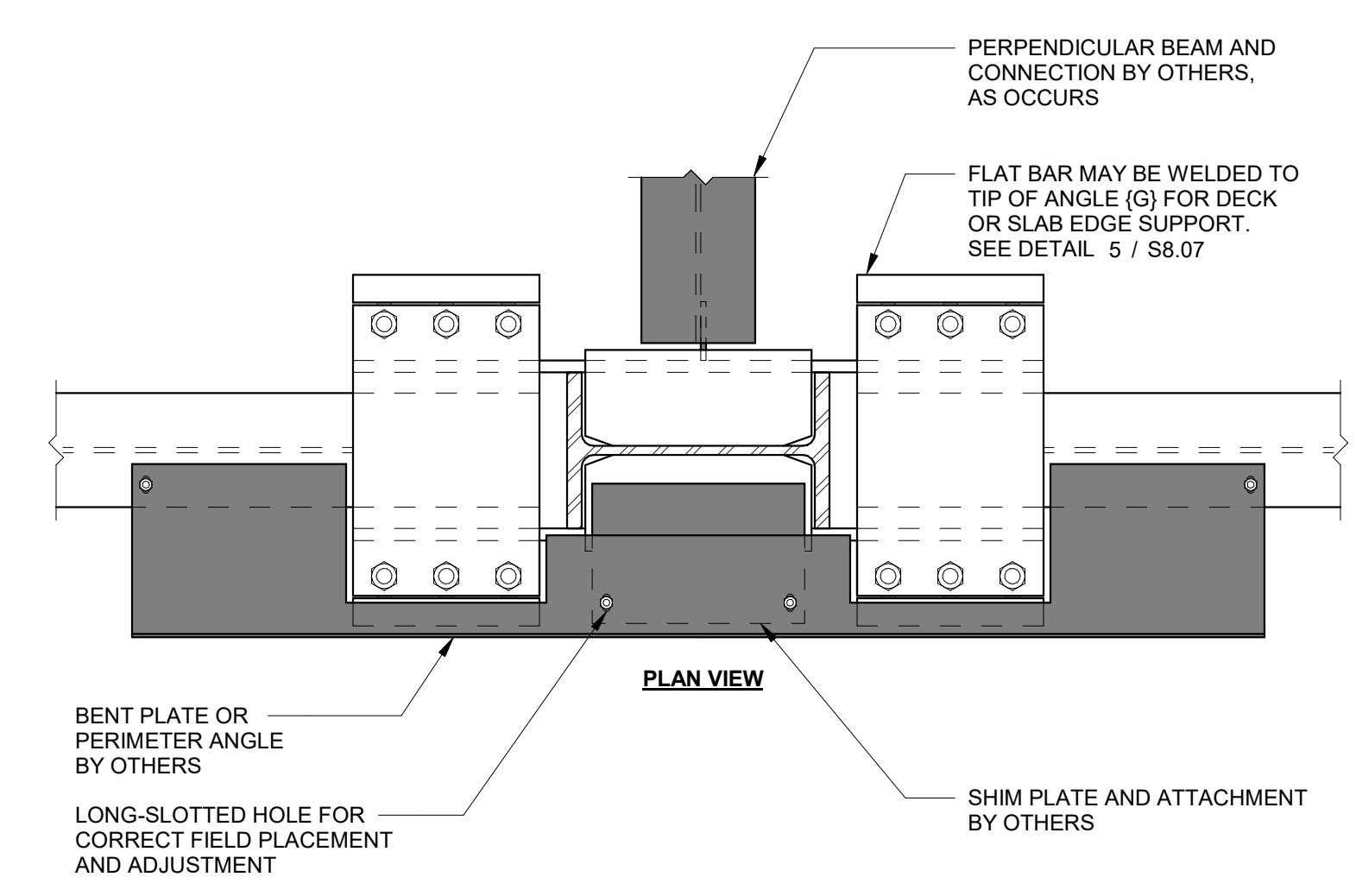
SHEET NUMBER:
S8.07



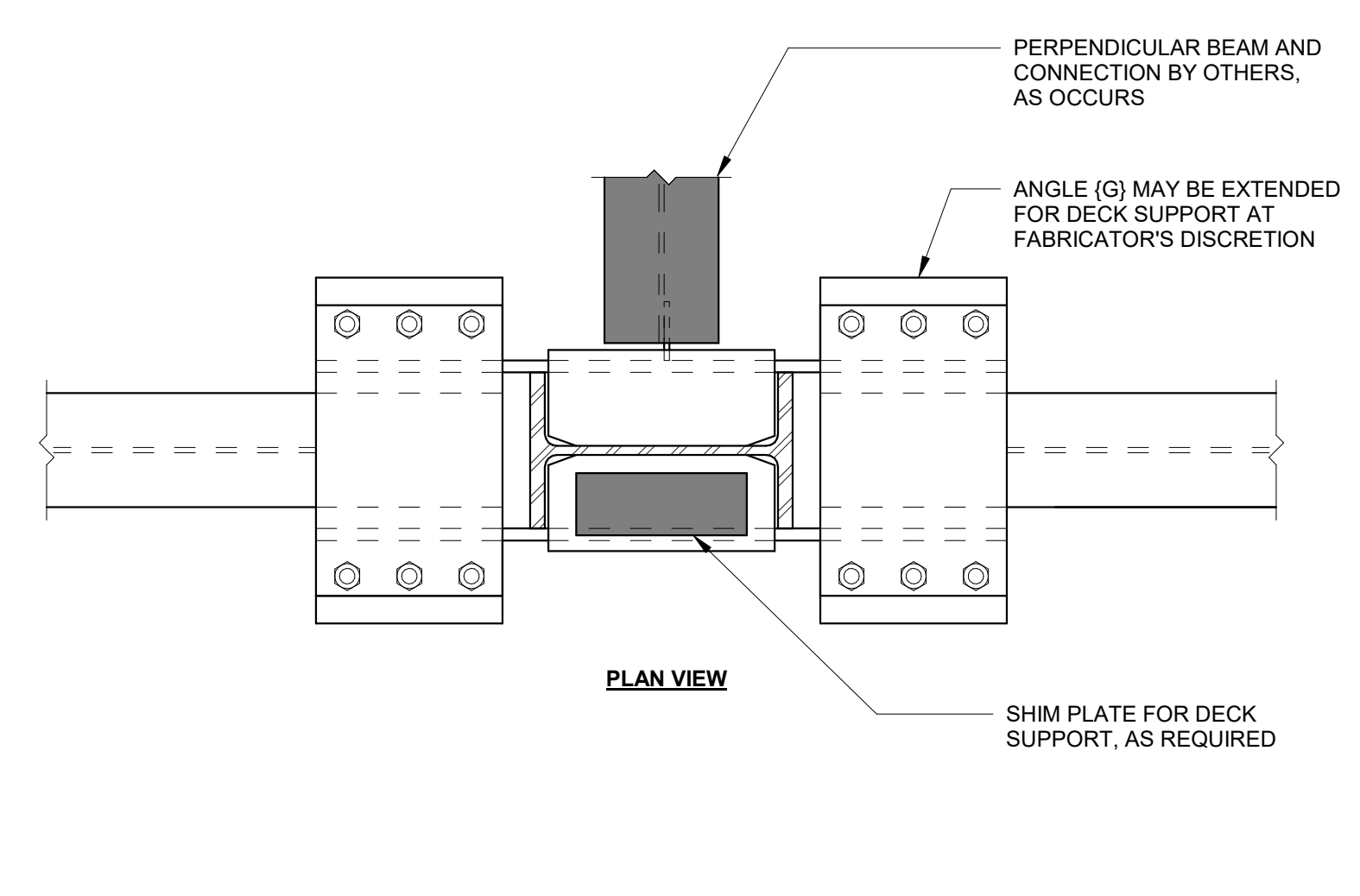
8 NARROW CONFIGURATION DECK SUPPORT DETAIL
 N.T.S.



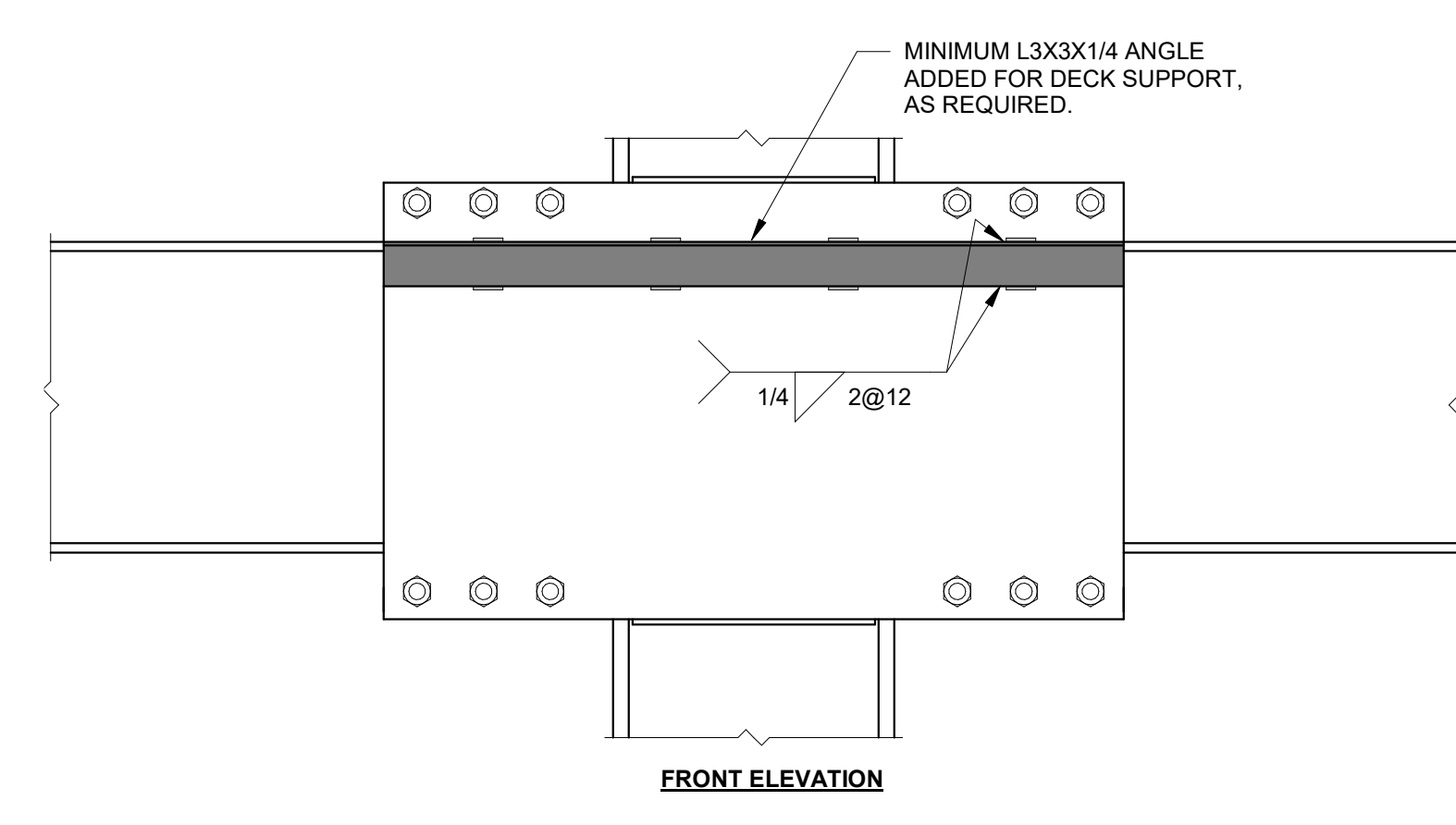
4 SLAB EDGE DETAIL
 N.T.S.



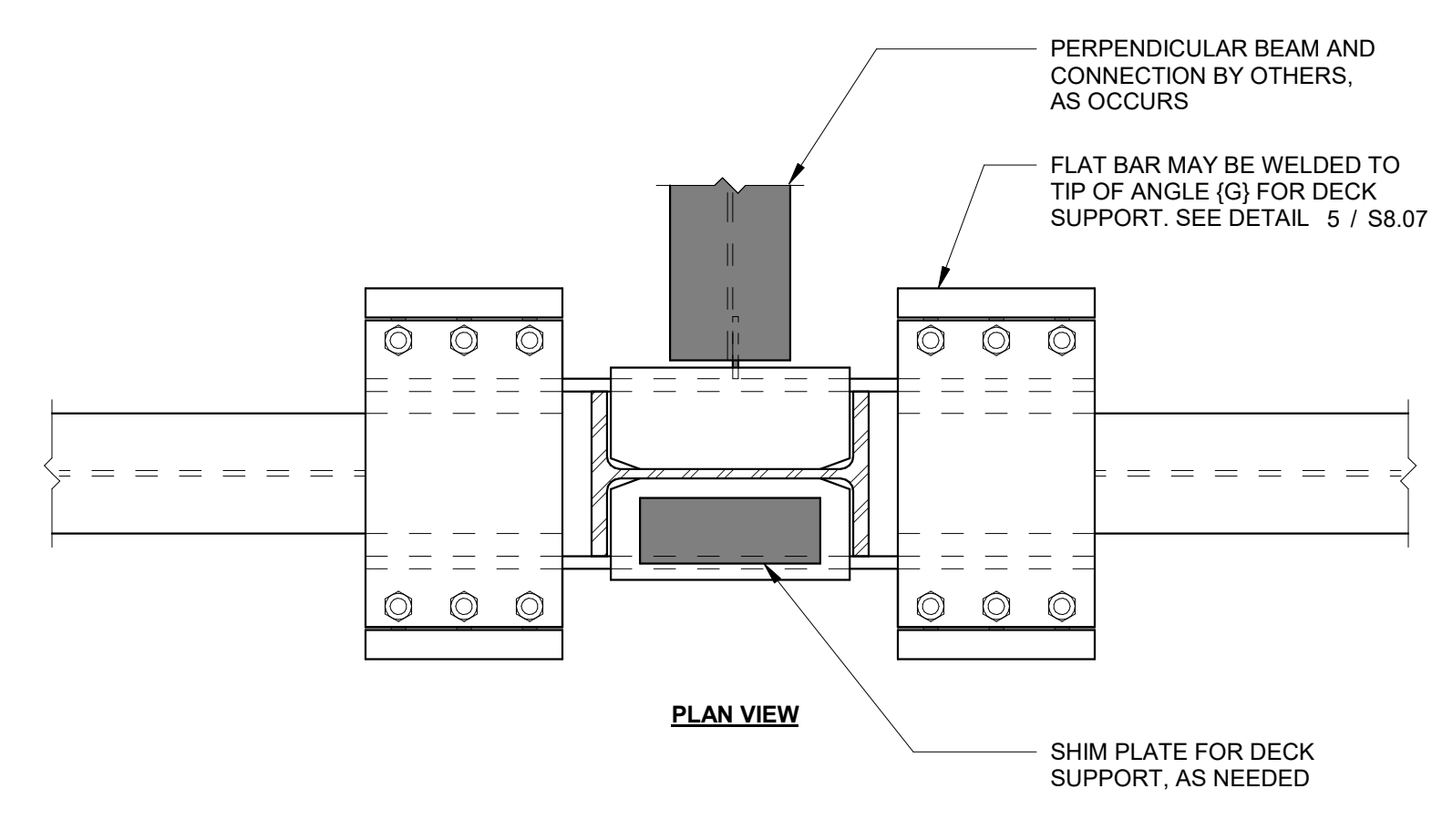
7 WELDED FLAT BAR FOR SLAB EDGE SUPPORT DETAIL
 N.T.S.



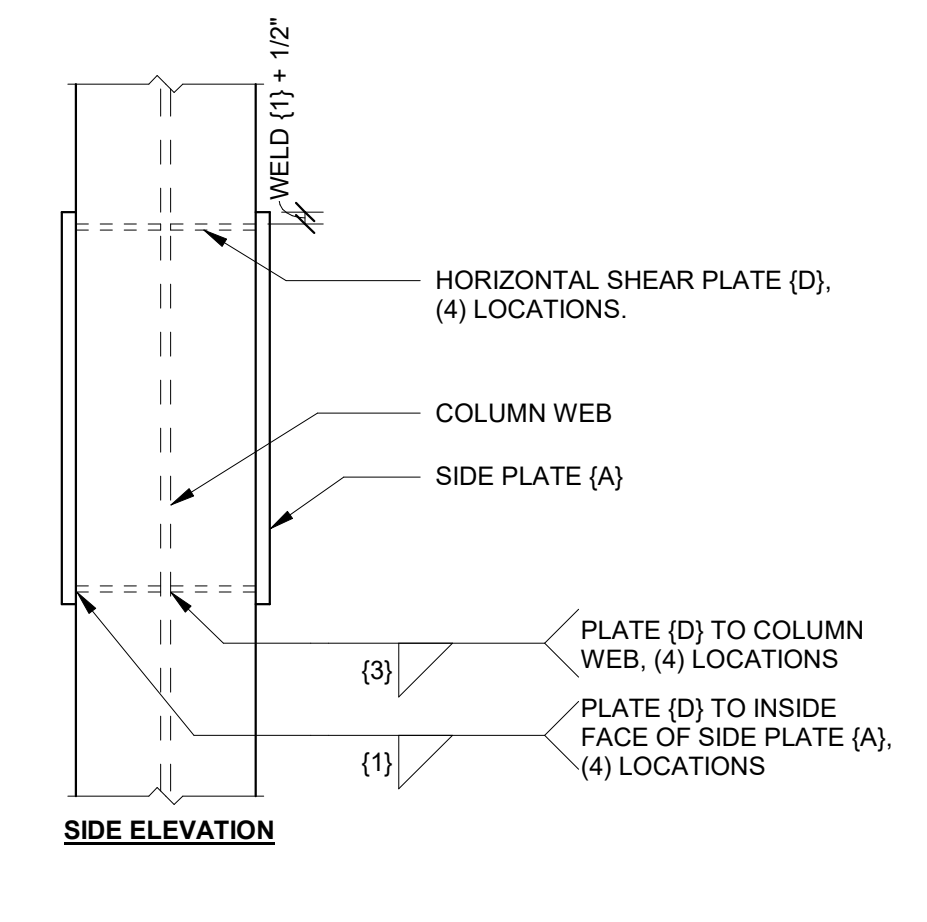
3 DECK SUPPORT DETAIL
 N.T.S.



10 DECK SUPPORT ANGLE DETAIL
 N.T.S.

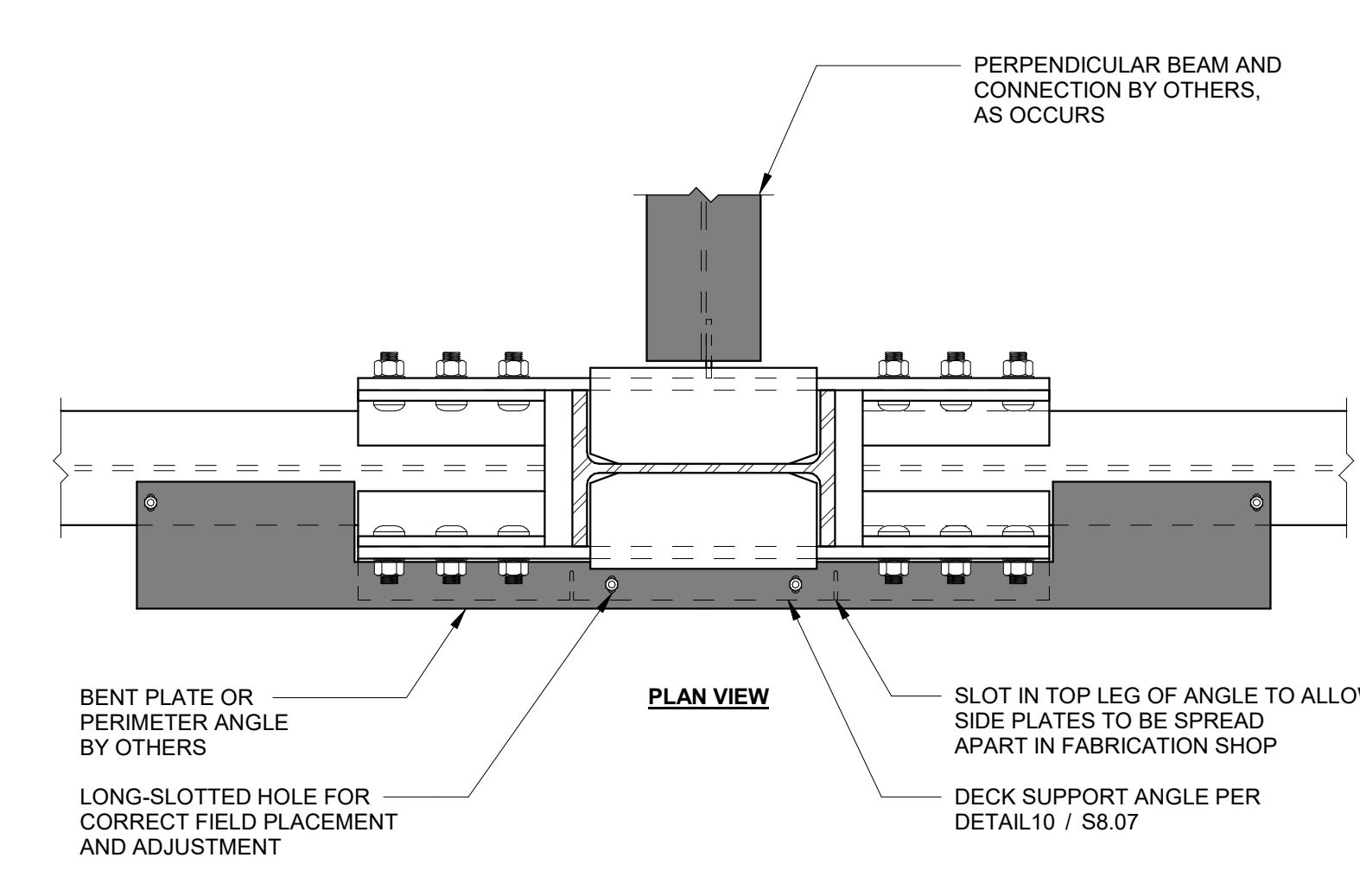


6 WELDED FLAT BAR DECK SUPPORT DETAIL
 N.T.S.

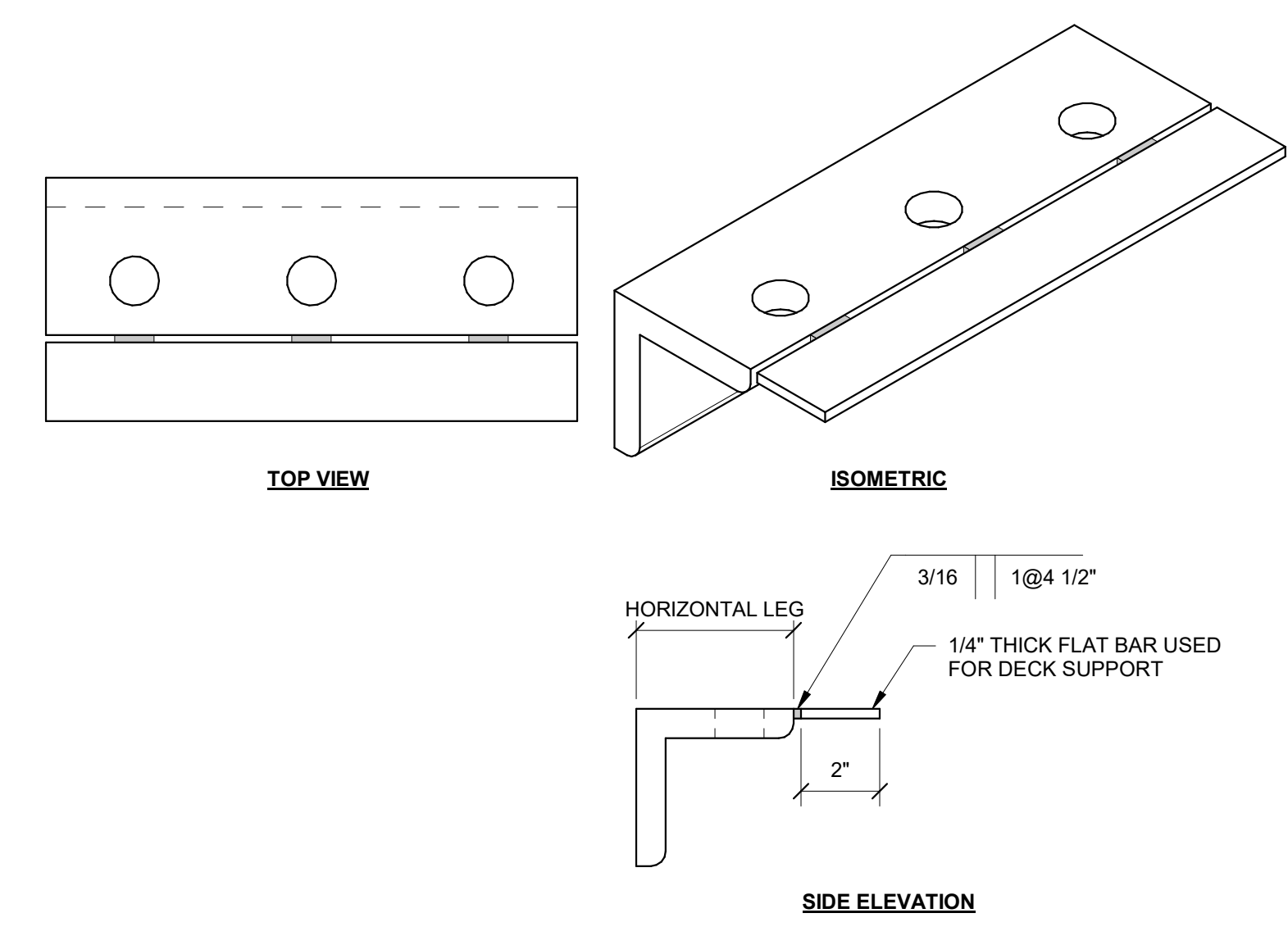


2 PLATE (D) ALTERNATE DETAIL
 N.T.S.

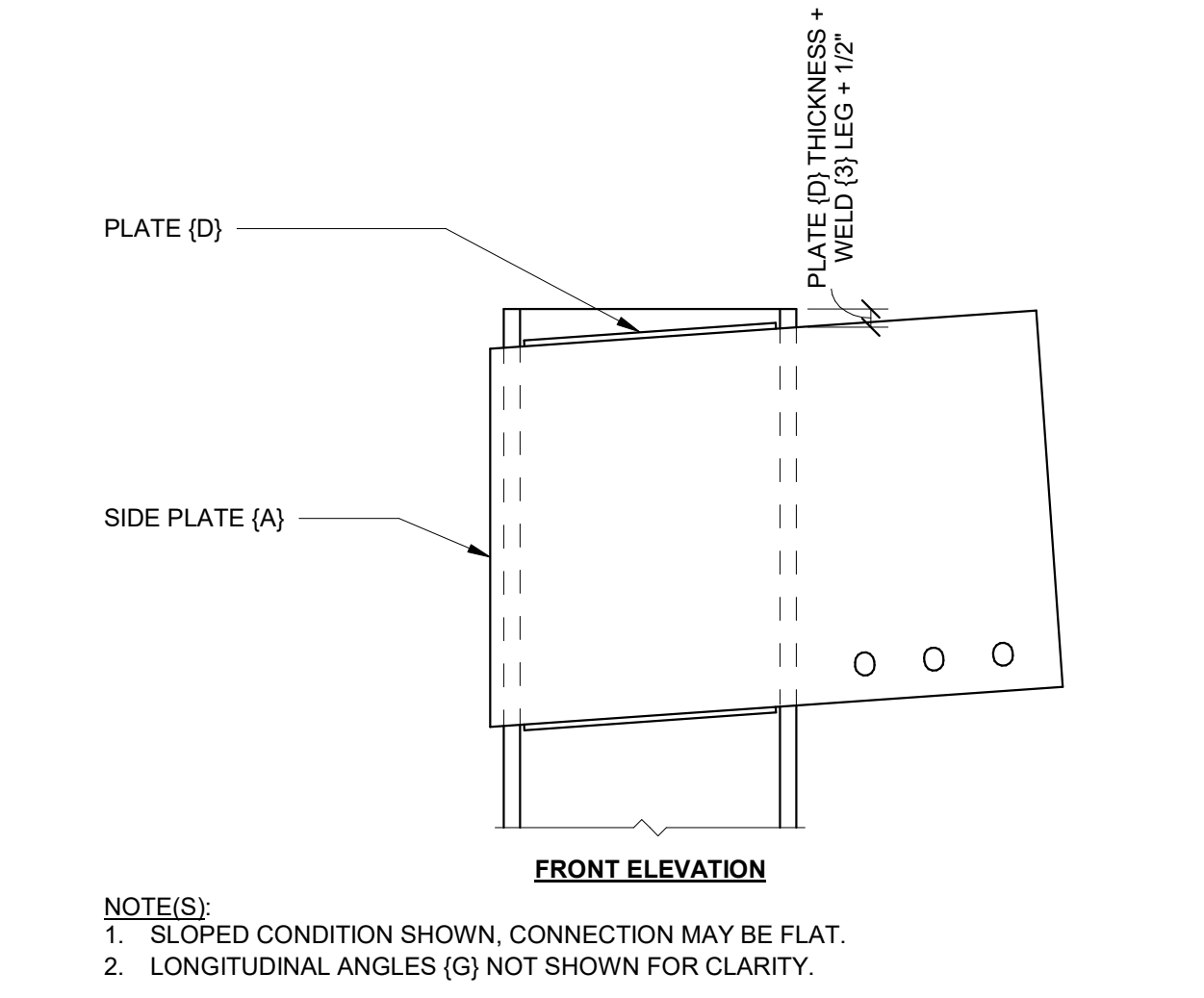
NOTE(S):
 1. LONGITUDINAL ANGLES (G) NOT SHOWN FOR CLARITY.



9 NARROW CONFIGURATION SLAB EDGE DETAIL
 N.T.S.



5 WELDED FLAT BAR TO ANGLE (G) FOR DECK SUPPORT
 N.T.S.



1 DISCONTINUOUS COLUMN DETAIL
 N.T.S.

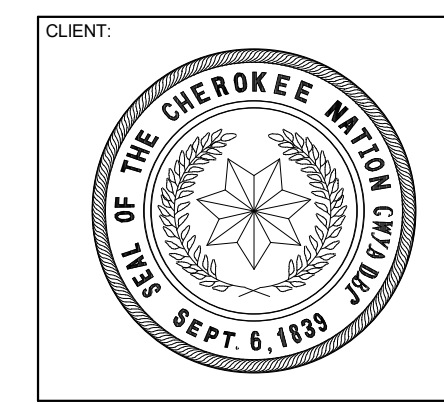
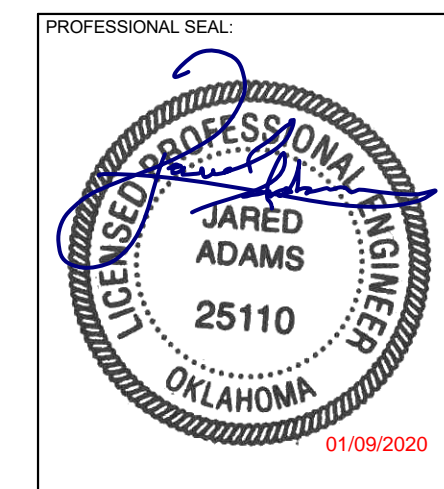
NOTE(S):
 1. SLOPED CONDITION SHOWN, CONNECTION MAY BE FLAT.
 2. LONGITUDINAL ANGLES (G) NOT SHOWN FOR CLARITY.

INTELLECTUAL PROPERTY RIGHTS NOTICE
 The SIDEPLATE® steel frame connection system is covered by one or more of U.S. Pat. Nos. 6,138,427; 6,516,583; 6,591,573; 7,178,296; 8,122,671; 8,122,672; 8,146,322; 8,176,706; 8,205,408; and 9,091,065 and foreign counterparts. Other U.S. and foreign applications pending.

SIDEPLATE® is a registered trademark of MiTek Holdings, Inc., an affiliate of SidePlate Systems, Inc.

Copyright © 2019 SidePlate Systems, Inc. All rights reserved. Without limitation, this drawing and the information hereon may be used only following payment of a license fee to SidePlate Systems, Inc. and for the design, construction, operation, repair, maintenance, restoration or demolition of the building(s) specifically identified.

15.08.02



**WILMA P. MANKILLER HEALTH CENTER
EXPANSION**
 STILWELL, OKLAHOMA

KEY PLAN:

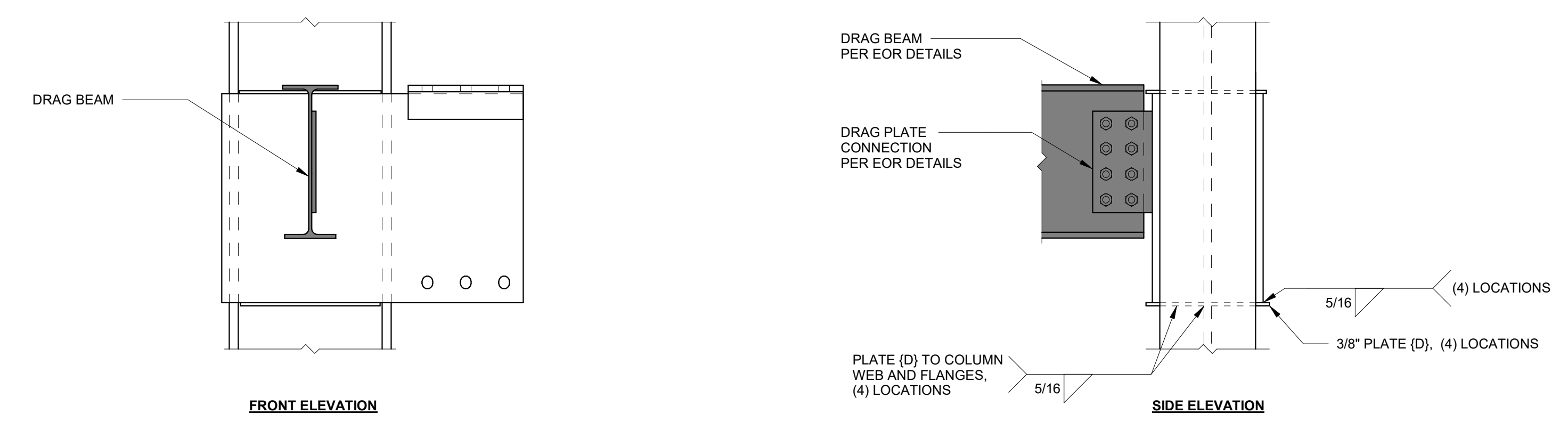
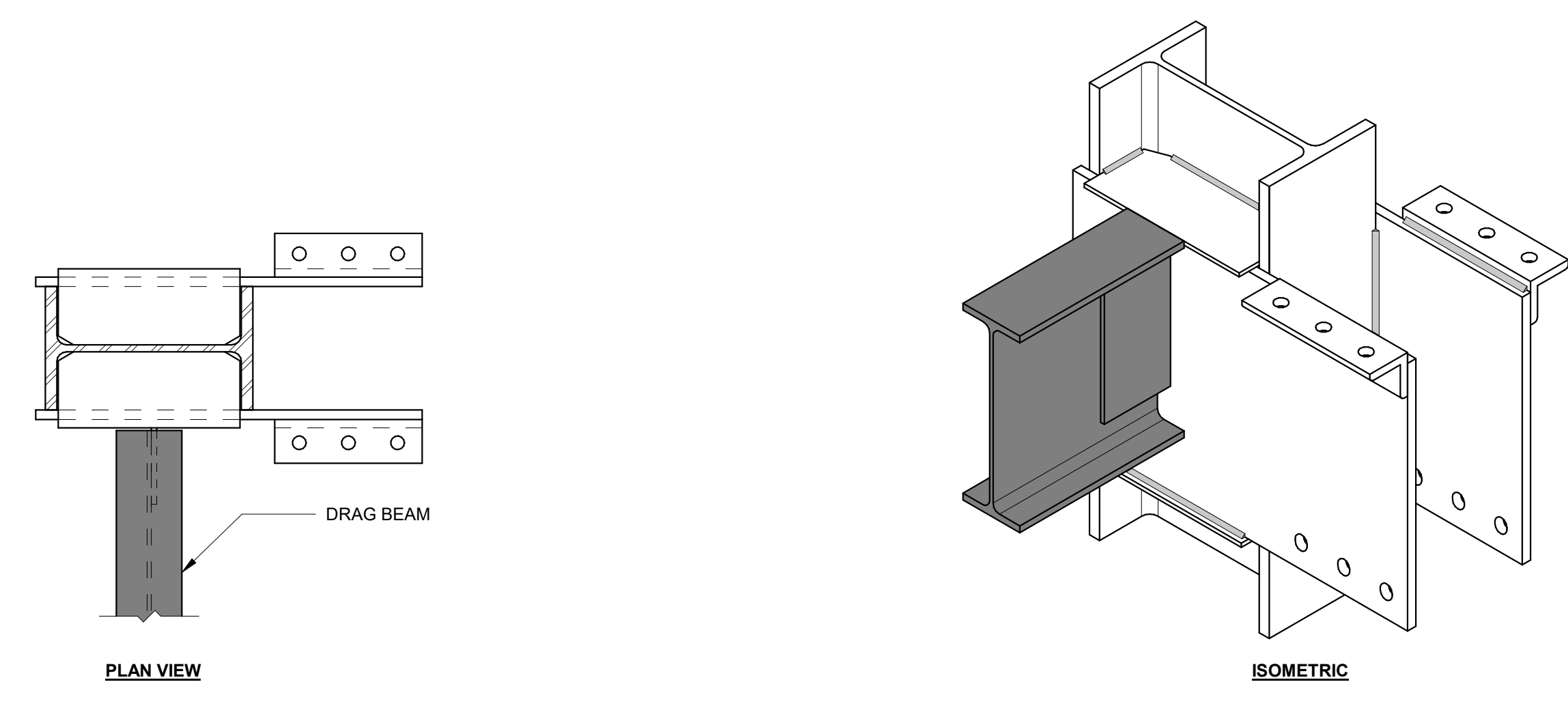
PROJECT PHASE:
STEEL DETAILS

#	DATE	REVISIONS DESCRIPTION

DATE: 01-10-20 JOB NUMBER: 18-01.01

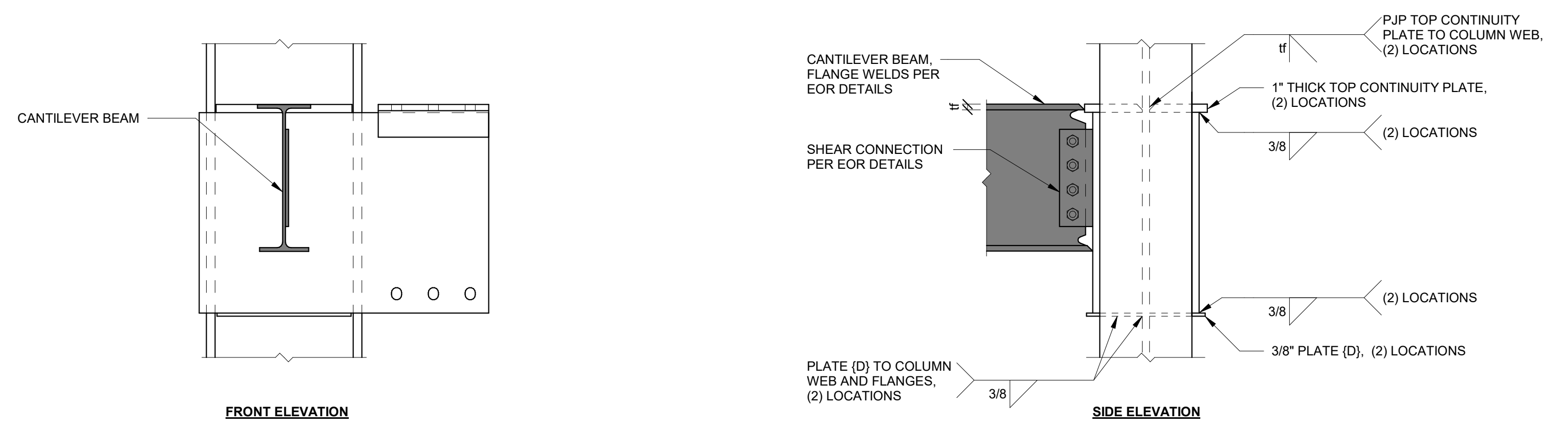
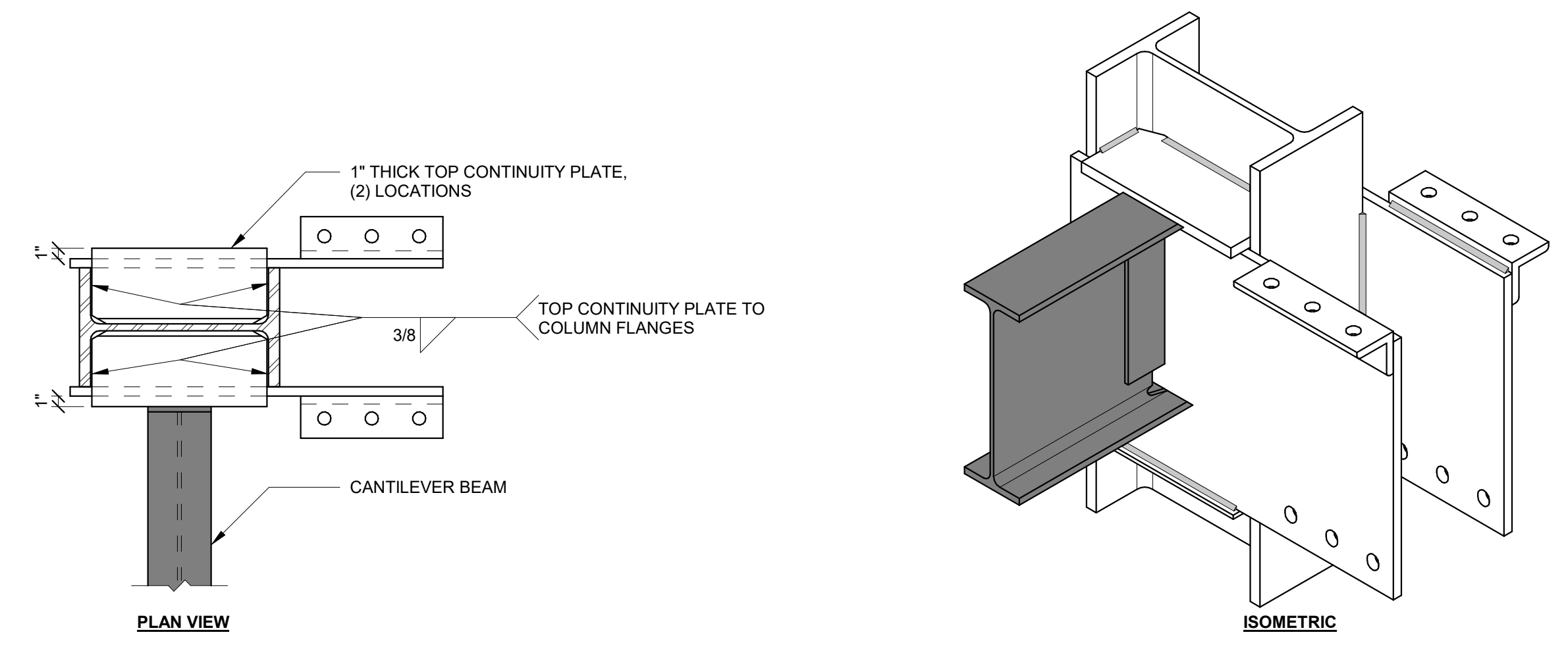
SHEET NUMBER:
S8.08

SIDEPLATE MISCELLANEOUS DETAILS



NOTE(S):
 1. ATTACHMENT SHOWN ON ONE SIDE OF SIDEPLATE CONNECTION FOR ILLUSTRATION. ATTACHMENT CAN OCCUR ON LEFT SIDE, RIGHT SIDE, OR BOTH SIDES OF CONNECTION AS APPLICABLE.

M2 SHEAR PLATE DRAG BEAM TO SIDEPLATE CONNECTION
 N.T.S.



NOTE(S):
 1. ATTACHMENT SHOWN ON ONE SIDE OF SIDEPLATE CONNECTION FOR ILLUSTRATION. ATTACHMENT CAN OCCUR ON LEFT SIDE, RIGHT SIDE, OR BOTH SIDES OF CONNECTION AS APPLICABLE.

M1 CANTILEVER TO SIDEPLATE CONNECTION
 N.T.S.

1 MISCELLANEOUS DETAILS SCHEDULE
 N.T.S.

Misc ID	Coordinate with Detail
M1	M1/S8.08
M2	M2/S8.08