



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

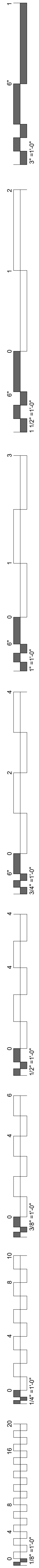
01/10/20

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.

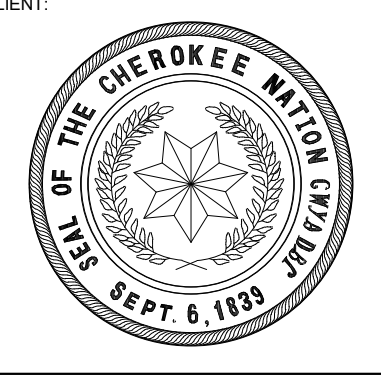
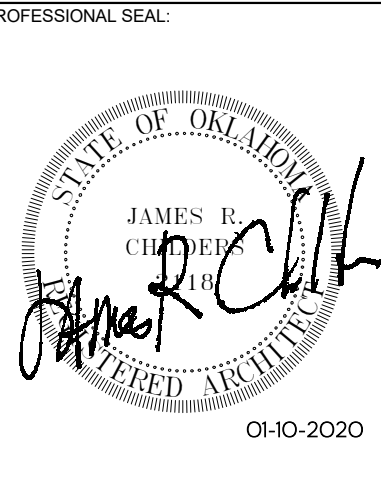
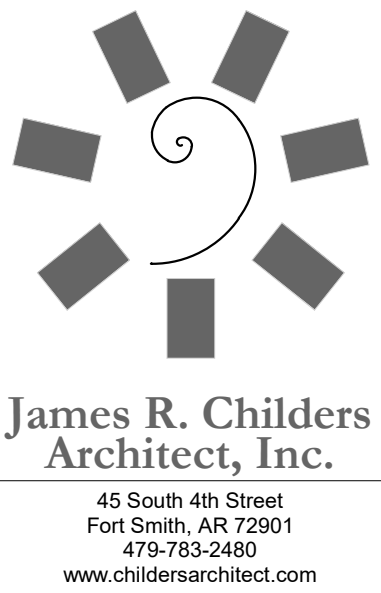
<u>Sheet</u>	<u>Description</u>
S2.01	SidePlate connection designations updated for elevations A4, A5, and C4.
S8.01	SidePlate information updated.
S8.02	SidePlate information updated.
S8.04	SidePlate information updated.
S8.06	SidePlate information updated.
S8.07	SidePlate information and sheet title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



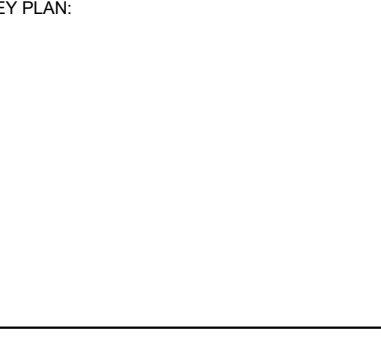
WILMA P. MANKILLER HEALTH CENTER EXPANSION

BID PACKAGE 01 (DEMOLITION / STEEL / FOUNDATIONS)

SHEET NUMBER	SHEET NAME	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
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	SCHERLES				
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					



**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

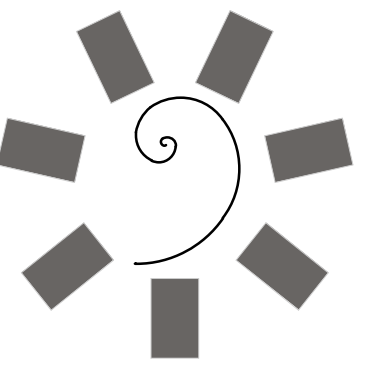


1316 E 35TH PLACE, SUITE 100
TULSA, OK 74105
(918) 382-9120

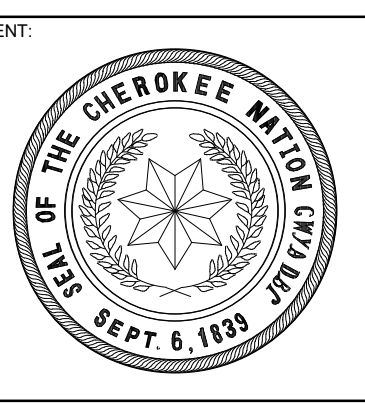
EQUIPMENT PLANNER

SIDEPLATE CONNECTION NOTES

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



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Fort Smith, AR 72901
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www.childersarchitect.com



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

KEY PLAN:

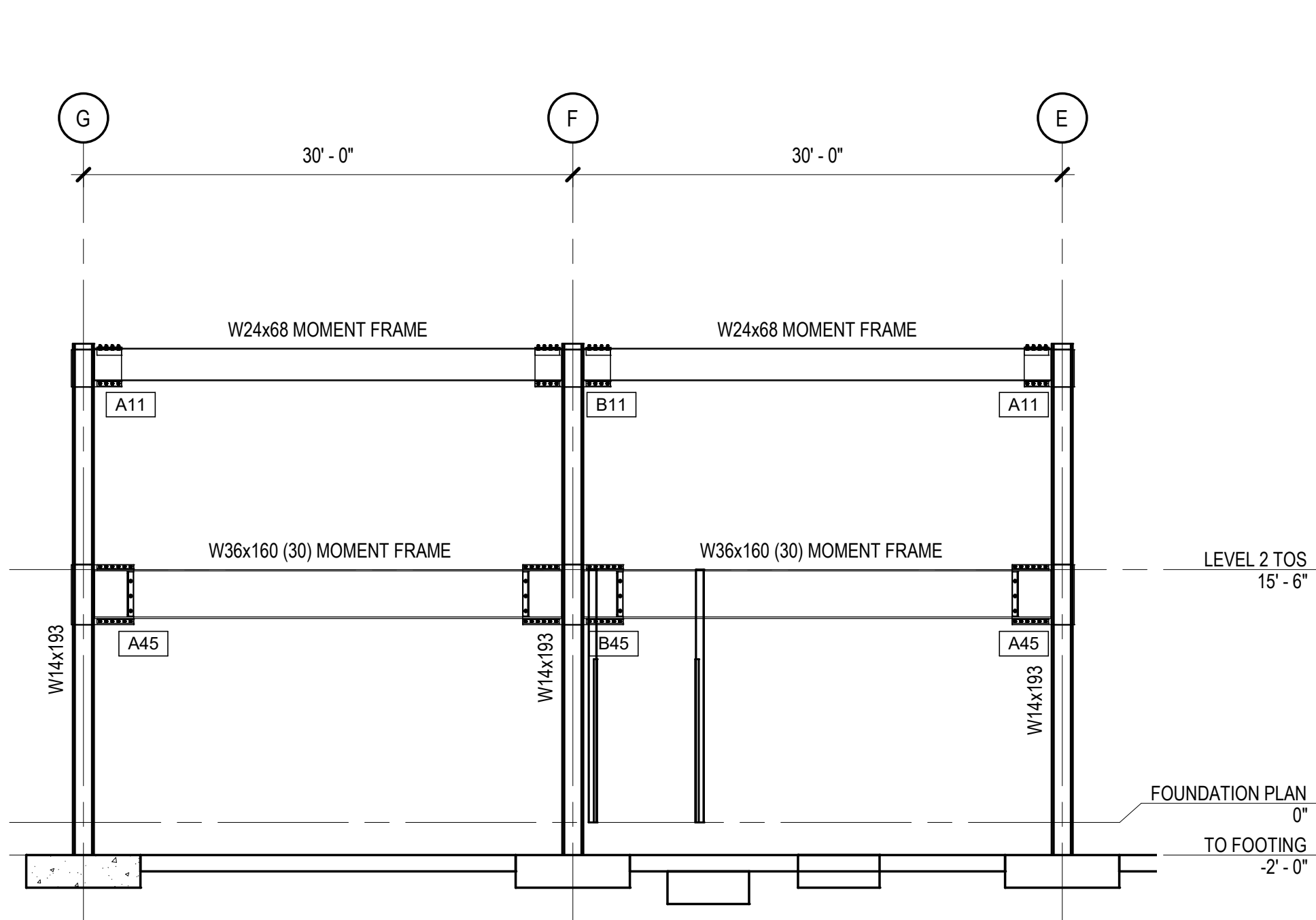
PROJECT PHASE:
BID PACKAGE 01

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

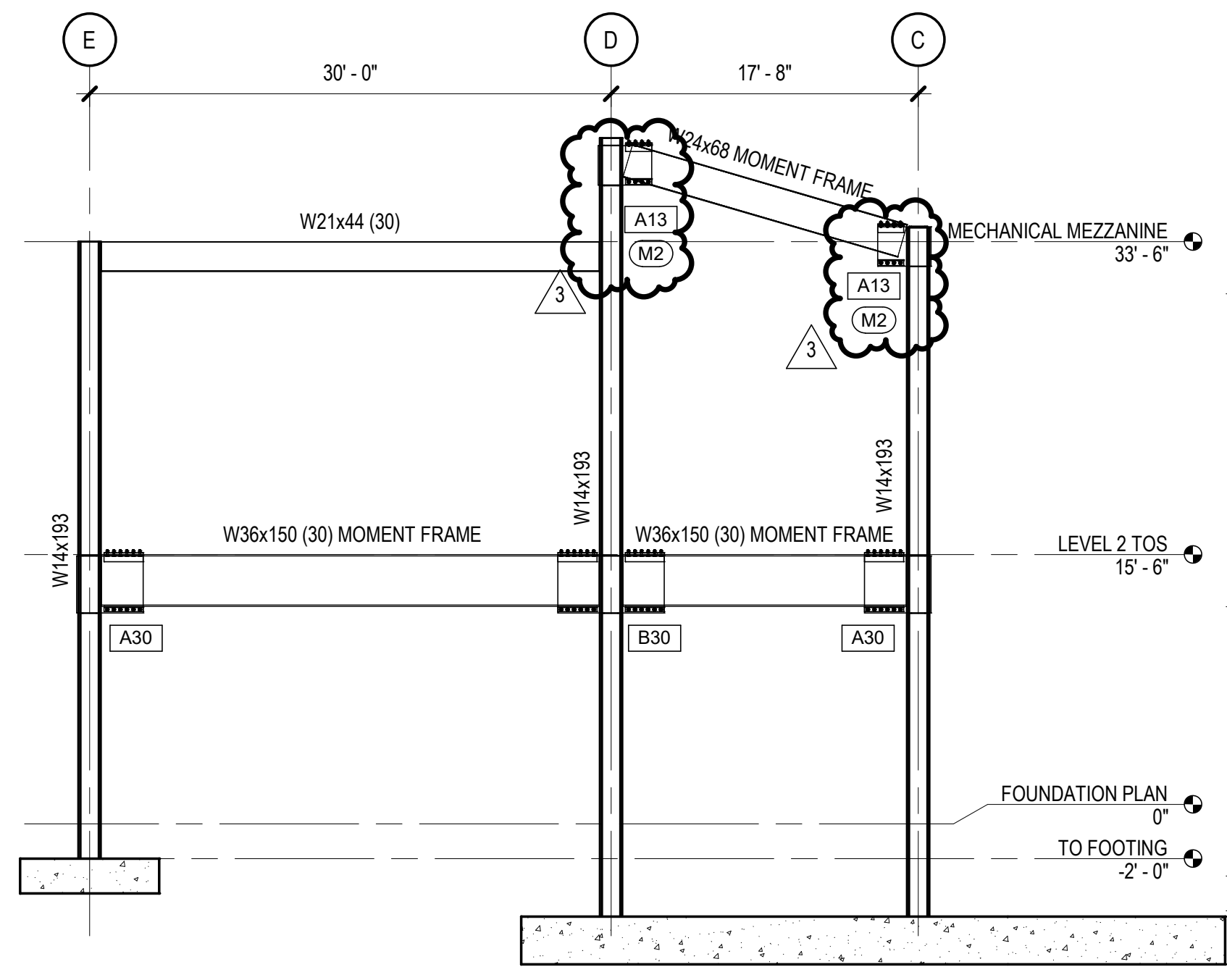
DATE: 11-01-19 JOB NUMBER: 18-01.01

SHEET NUMBER: S2.01

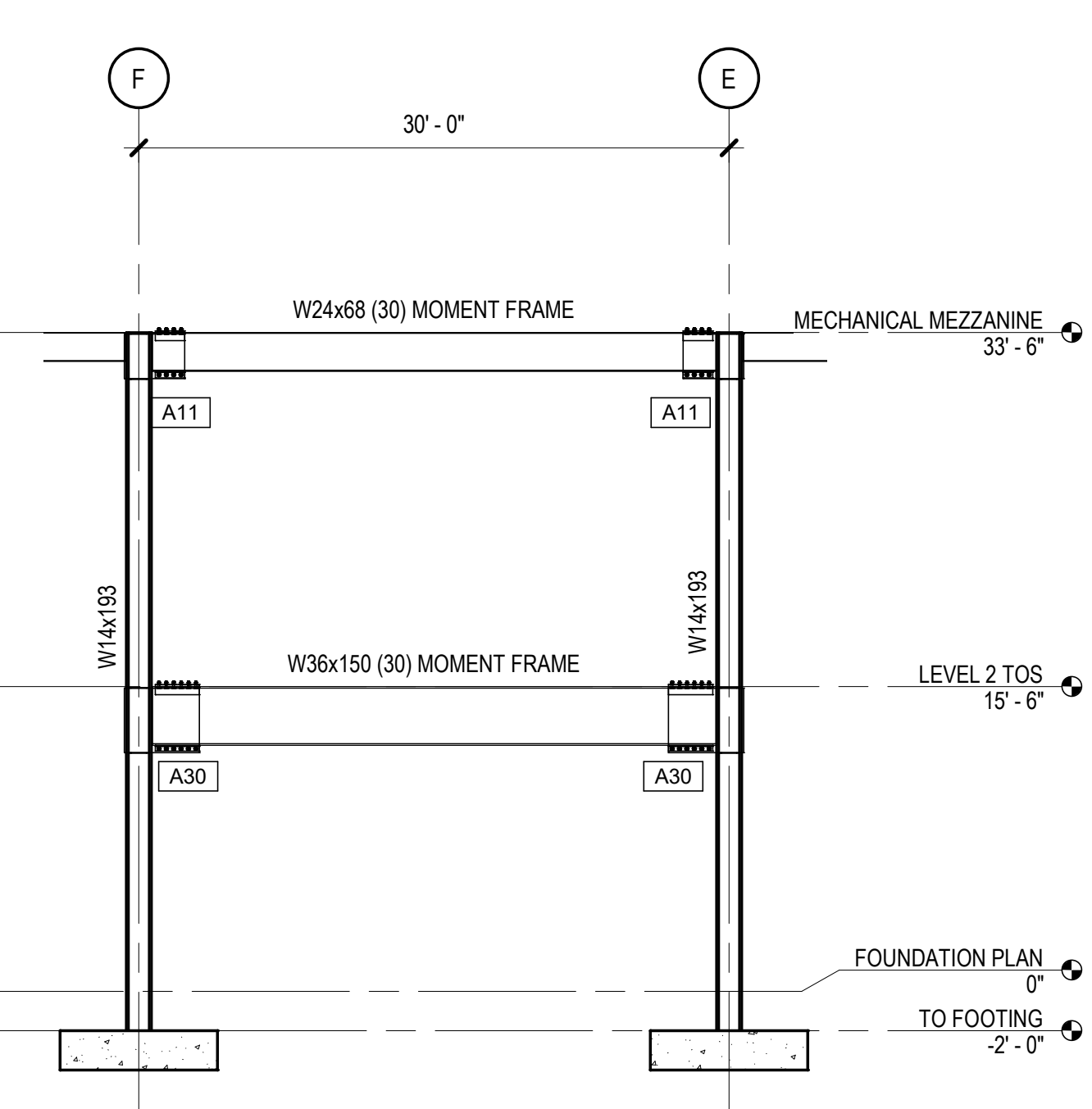
MOMENT FRAME ELEVATIONS



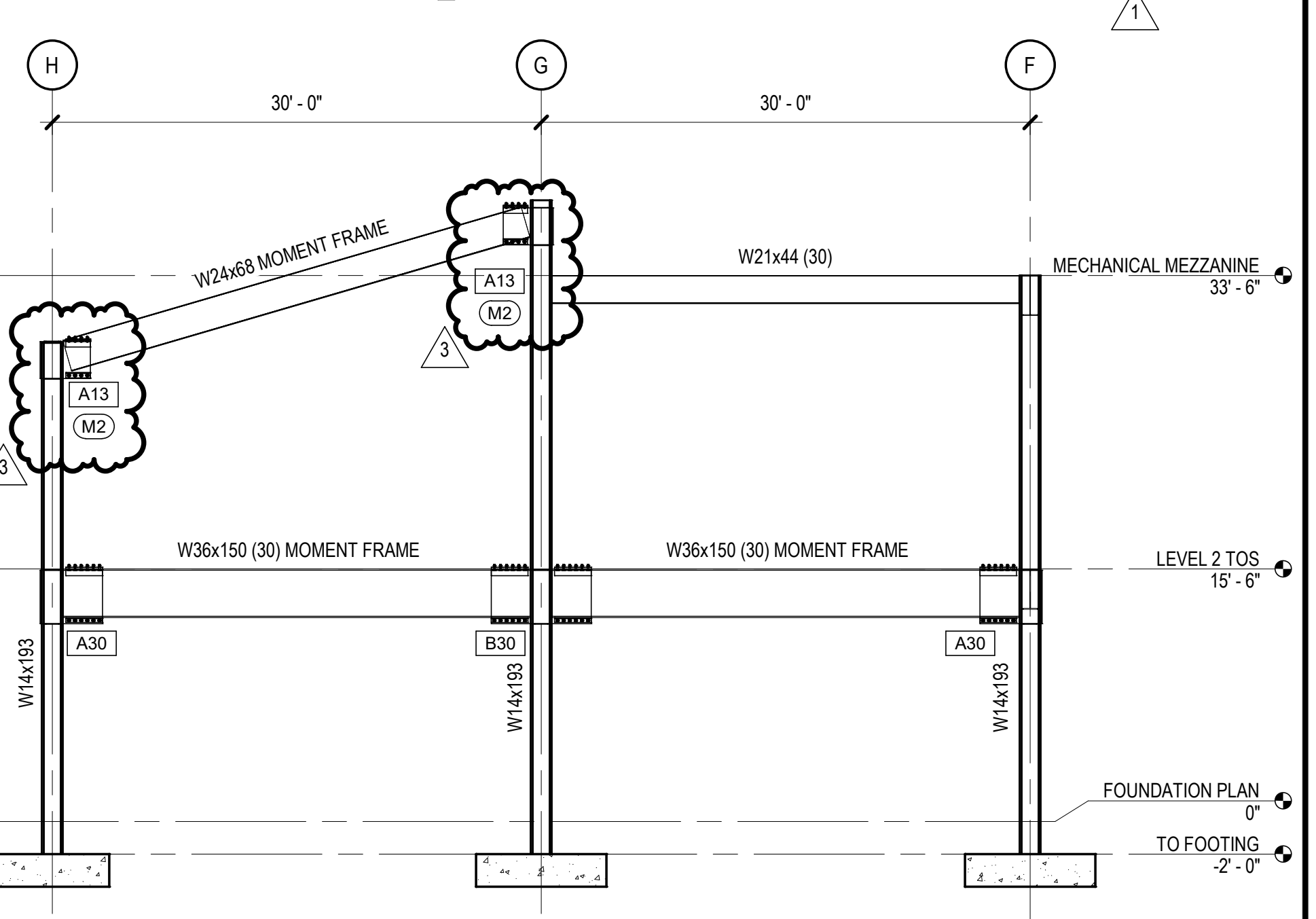
C2 MOMENT FRAME ELEVATION
SCALE: 1/8" = 1'-0"



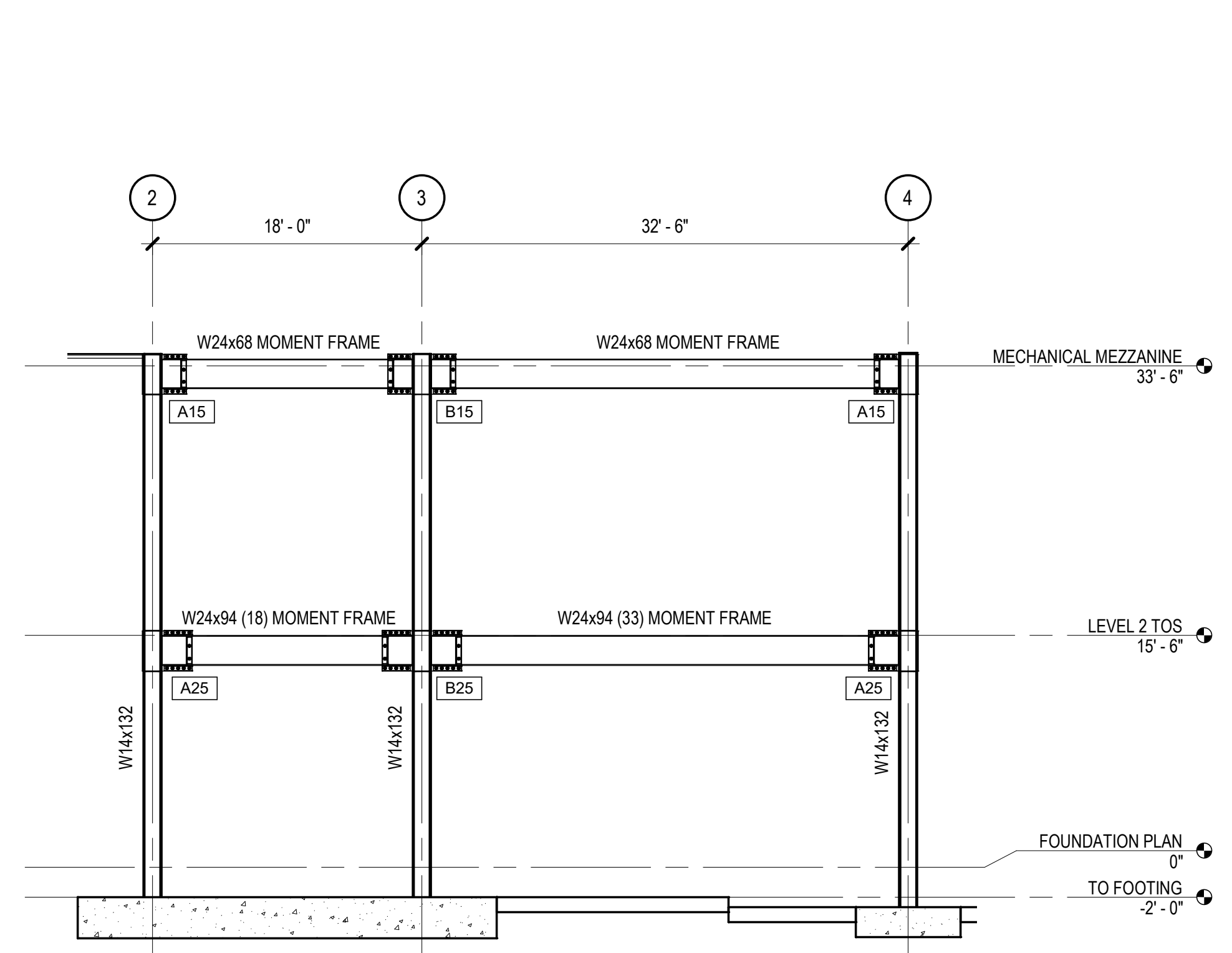
C4 MOMENT FRAME ELEVATION
SCALE: 1/8" = 1'-0"



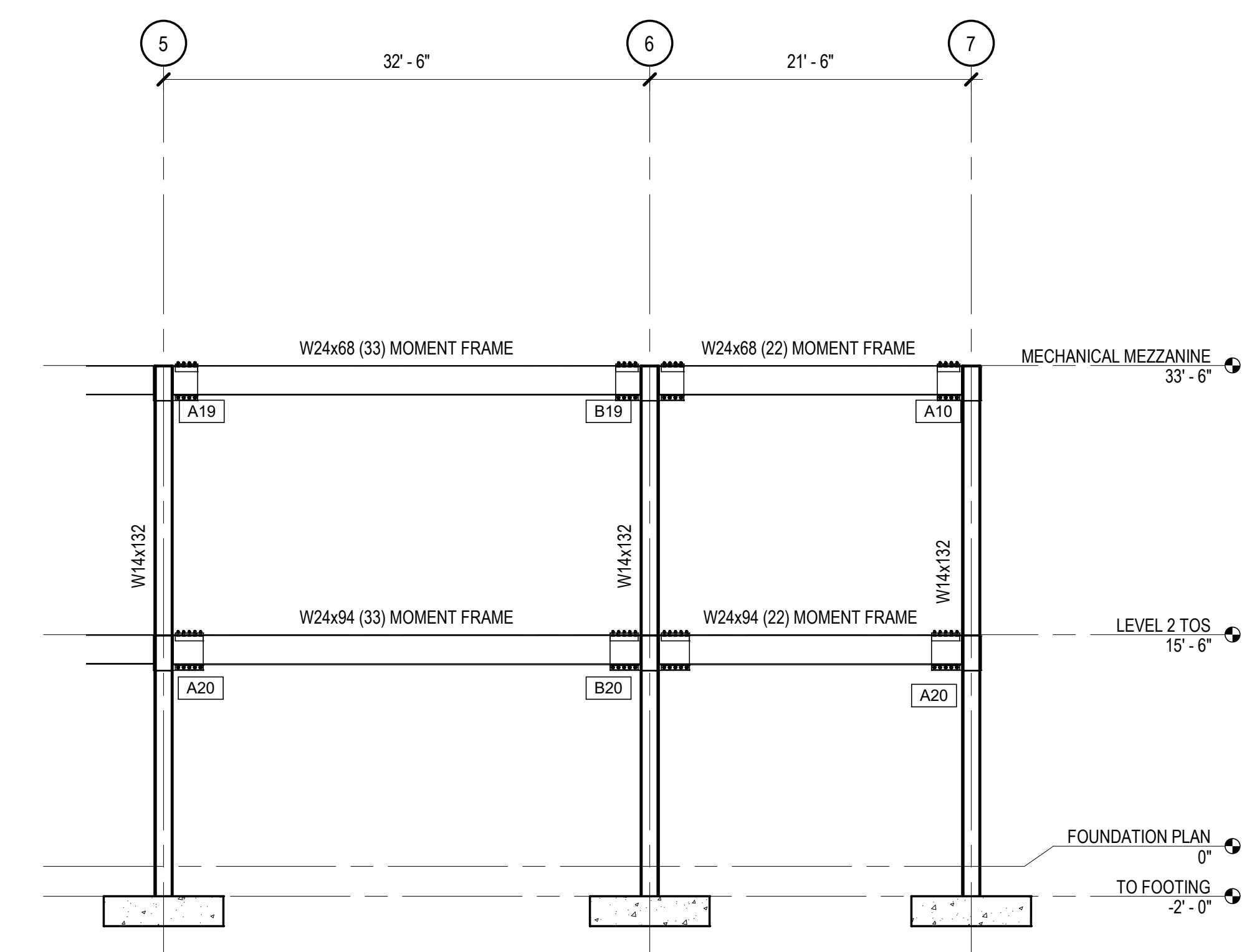
B4 MOMENT FRAME ELEVATION
SCALE: 1/8" = 1'-0"



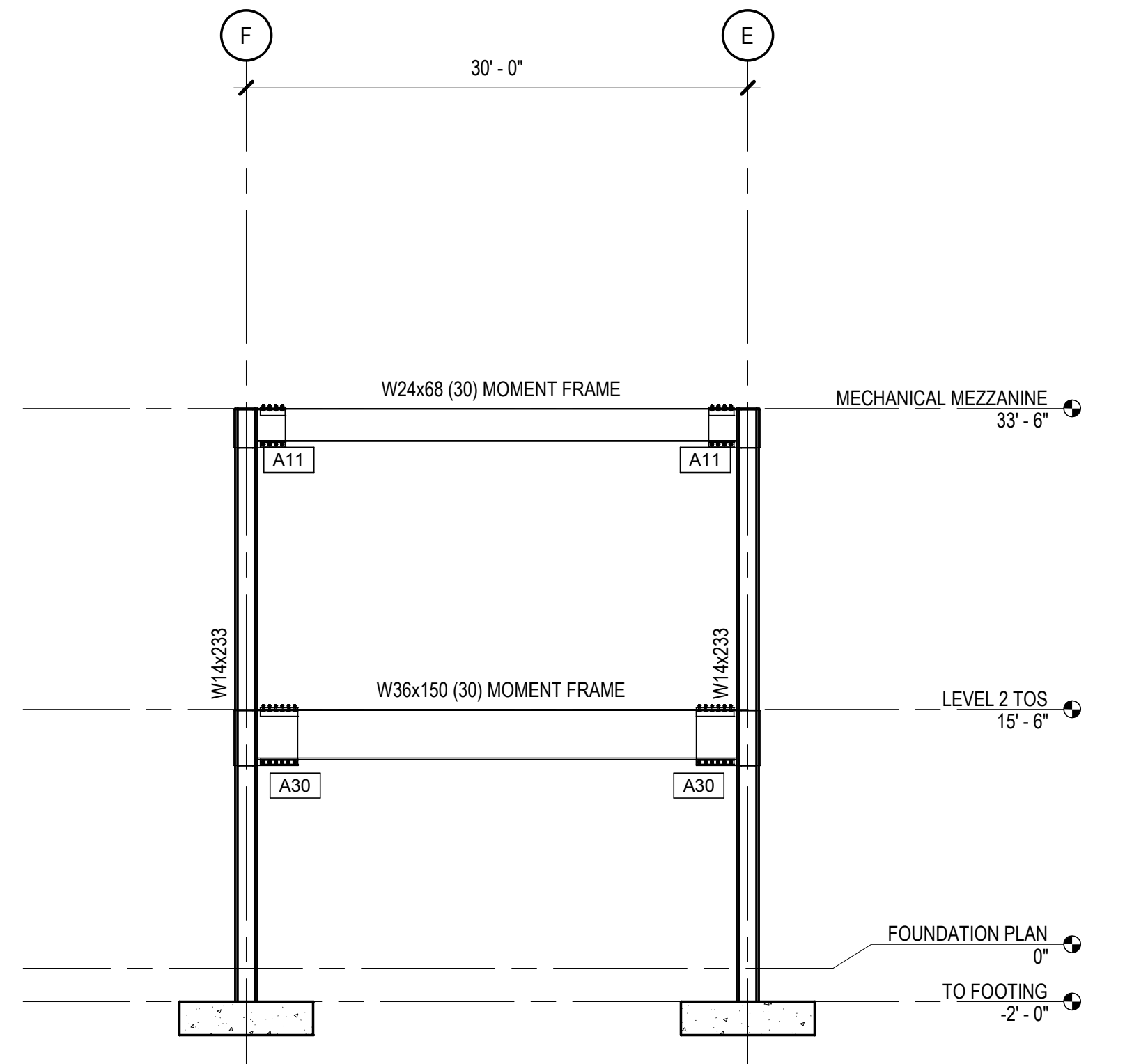
A4 MOMENT FRAME ELEVATION
SCALE: 1/8" = 1'-0"



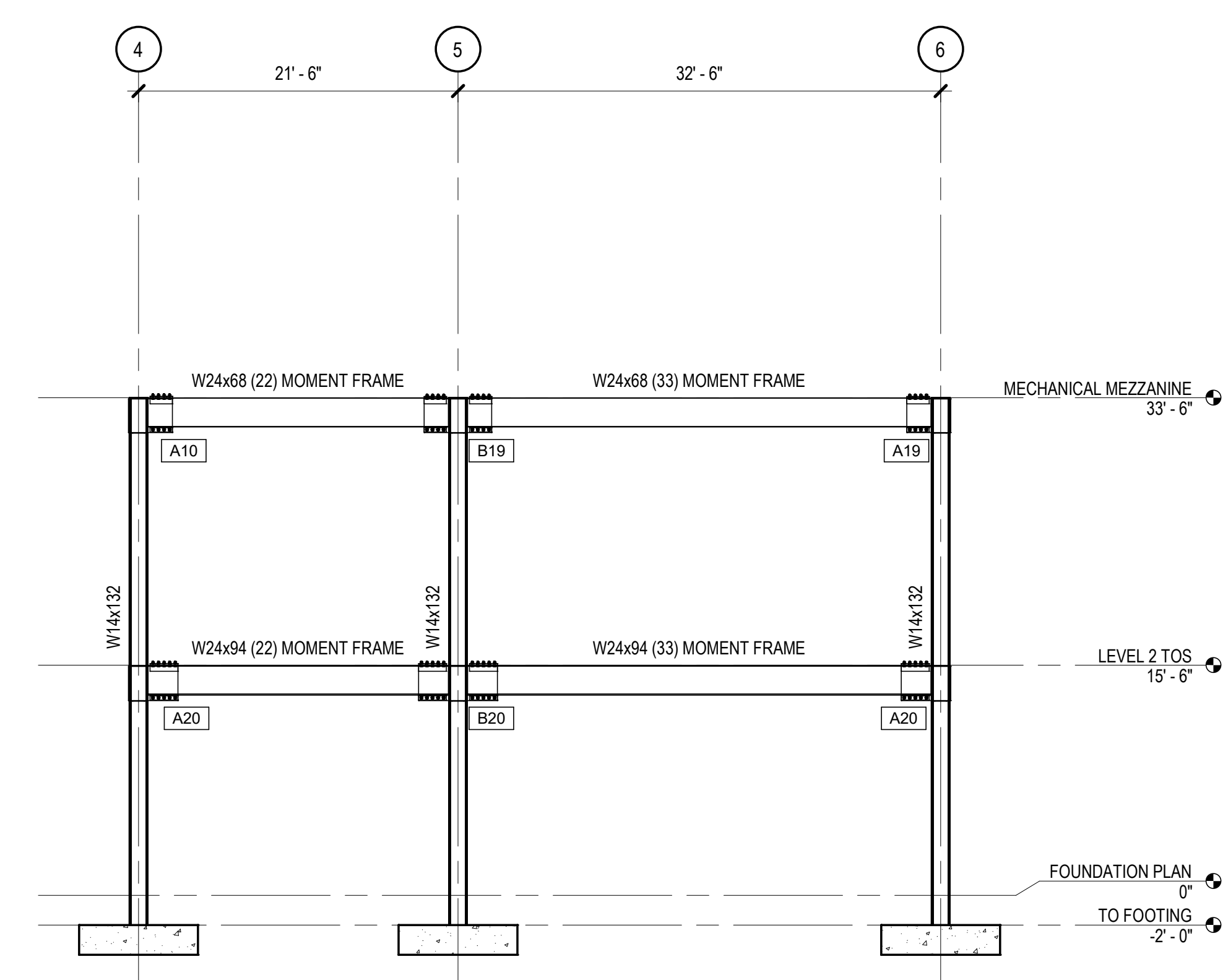
B1 MOMENT FRAME ELEVATION
SCALE: 1/8" = 1'-0"



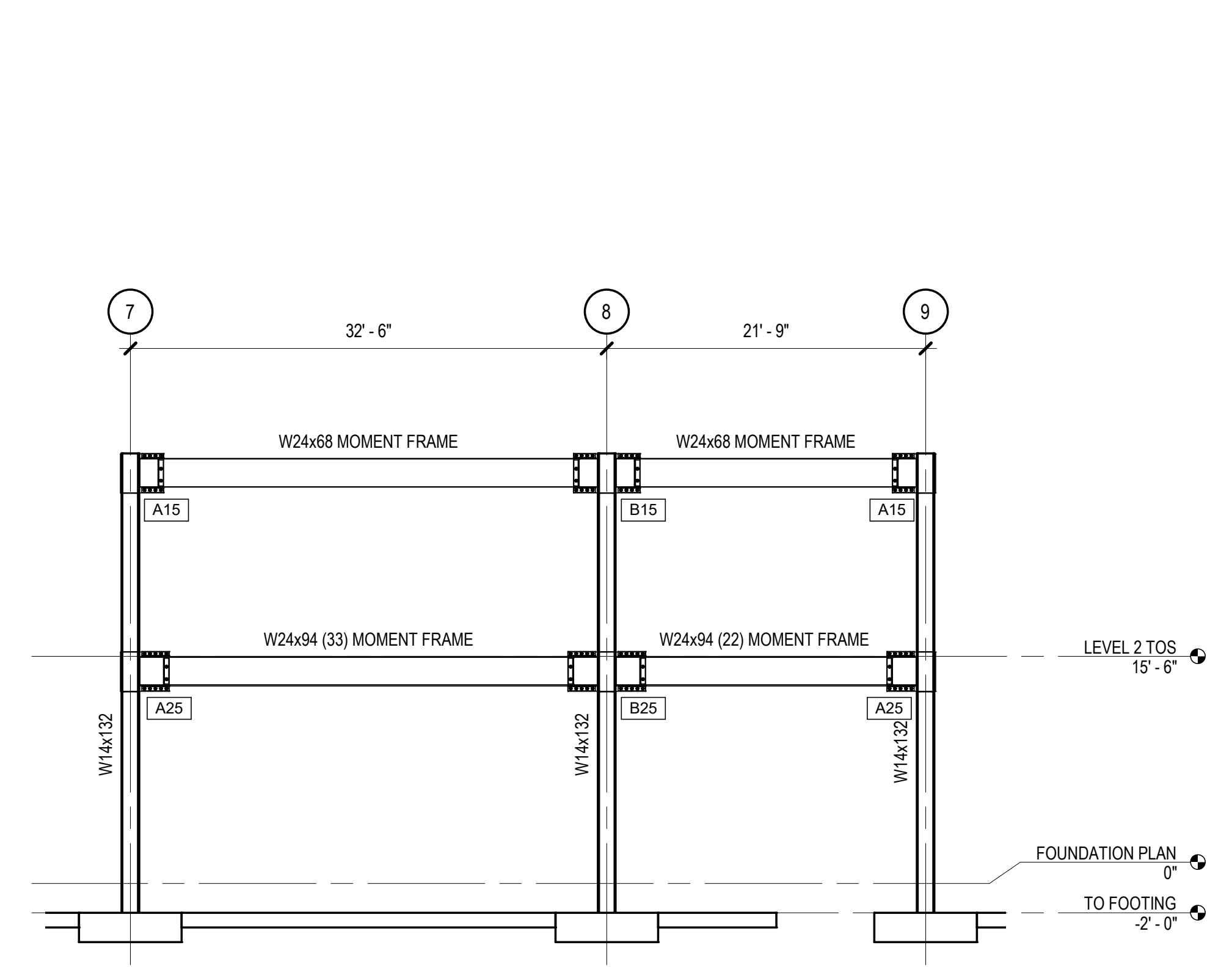
B2 MOMENT FRAME ELEVATION
SCALE: 1/8" = 1'-0"



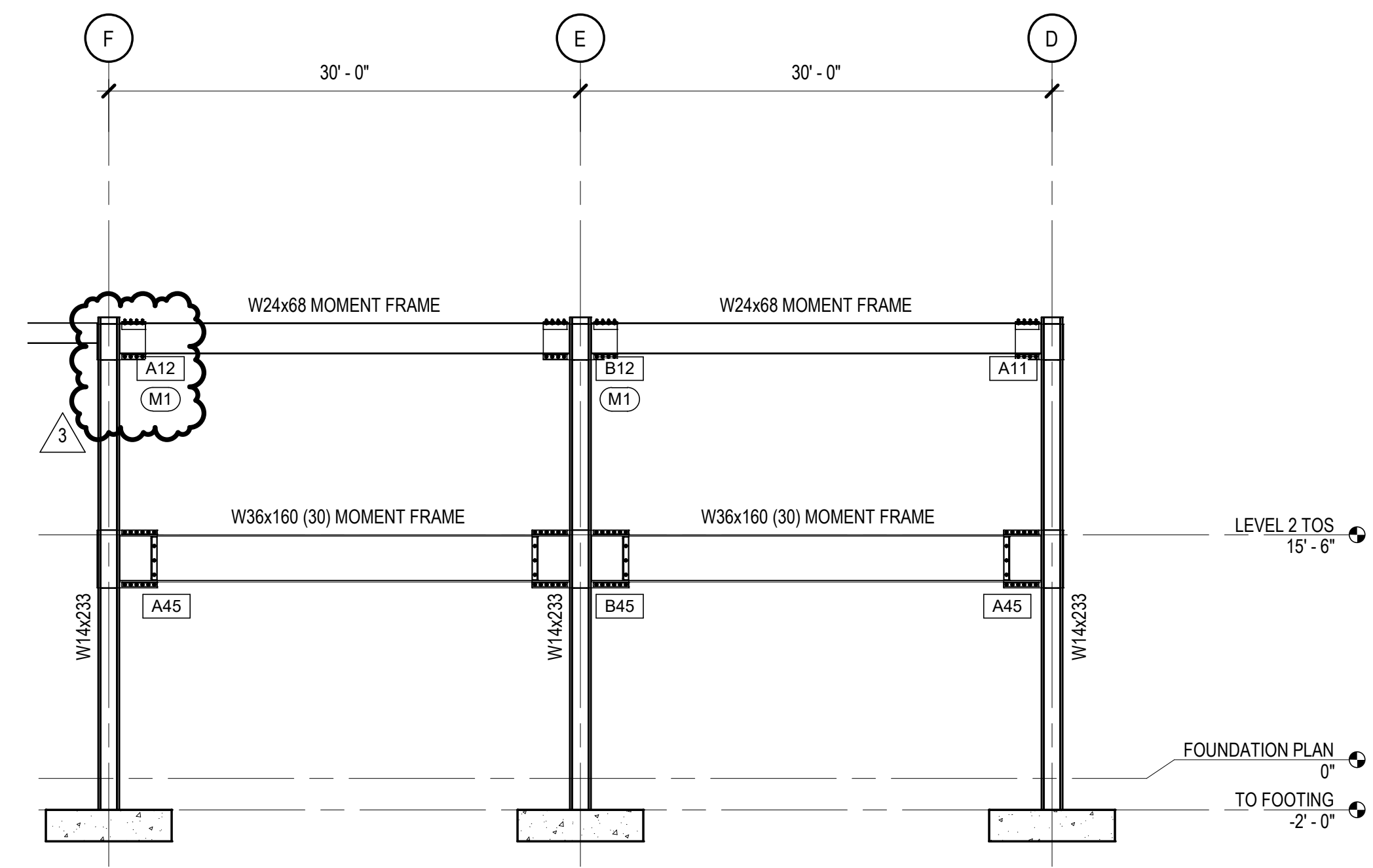
B5 MOMENT FRAME ELEVATION
SCALE: 1/8" = 1'-0"



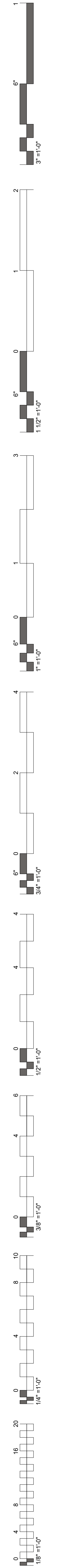
A1 MOMENT FRAME ELEVATION
SCALE: 1/8" = 1'-0"



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

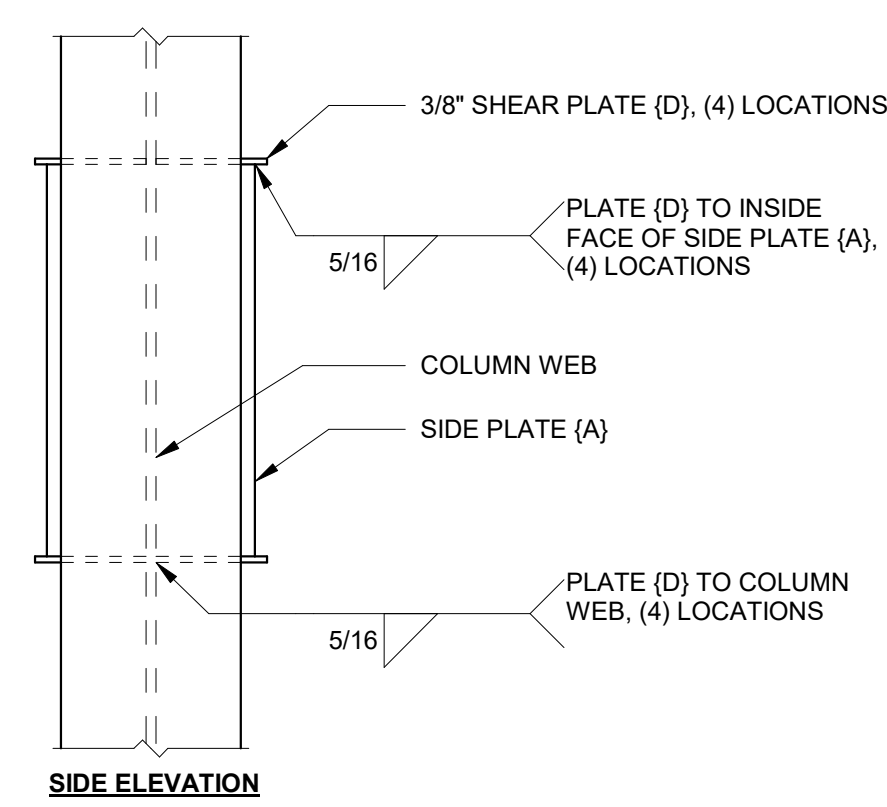


A5 MOMENT FRAME ELEVATION
SCALE: 1/8" = 1'-0"



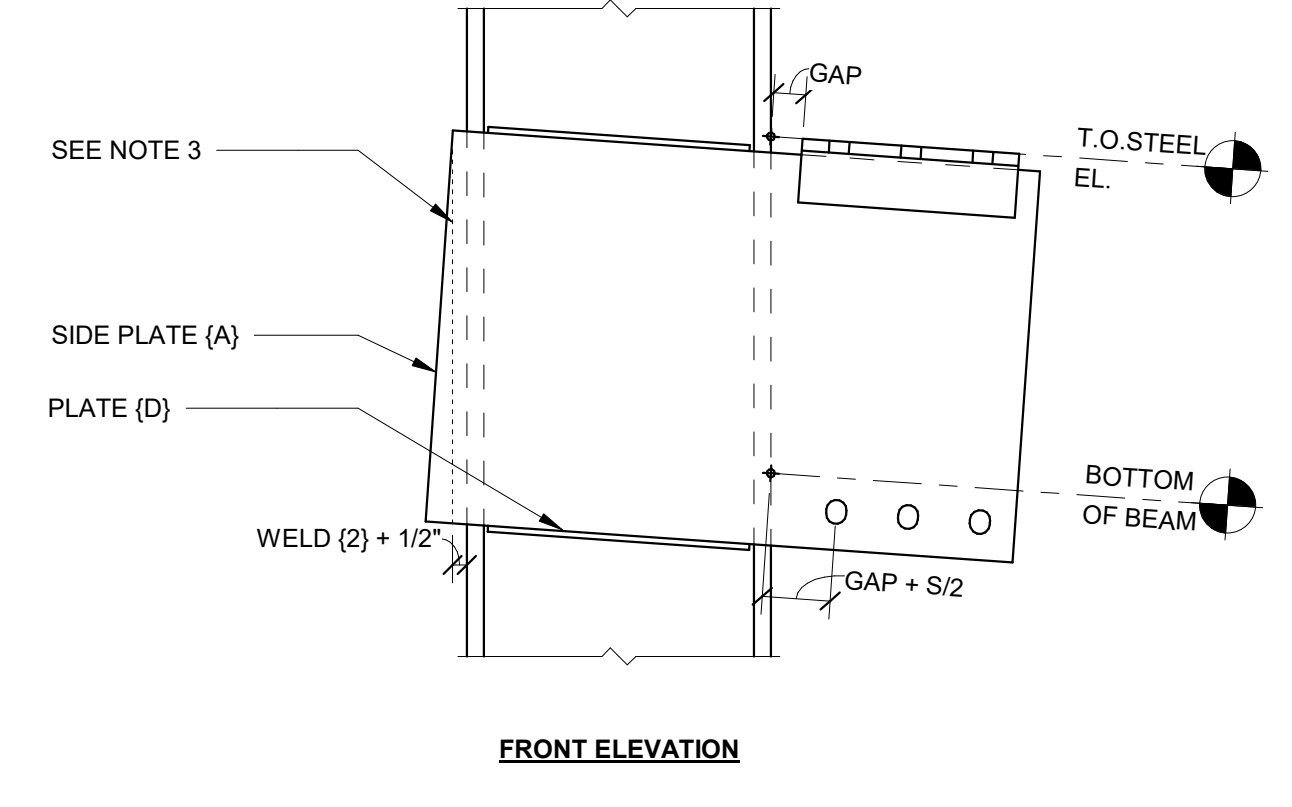
INTELLECTUAL PROPERTY RIGHTS NOTICE
 The SIDEPLATE® steel frame connection system is covered by one or more of U.S. Pat. Nos. 6,138,427; 6,516,583; 6,591,573; 7,178,296; 8,122,671; 8,122,672; 8,146,322; 8,176,706; 8,205,406; and 9,091,065 and foreign counterparts. Other U.S. and foreign applications pending.
 SIDEPLATE® is a registered trademark of Mitek Holdings, Inc., an affiliate of SidePlate Systems, Inc.
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18-01.02



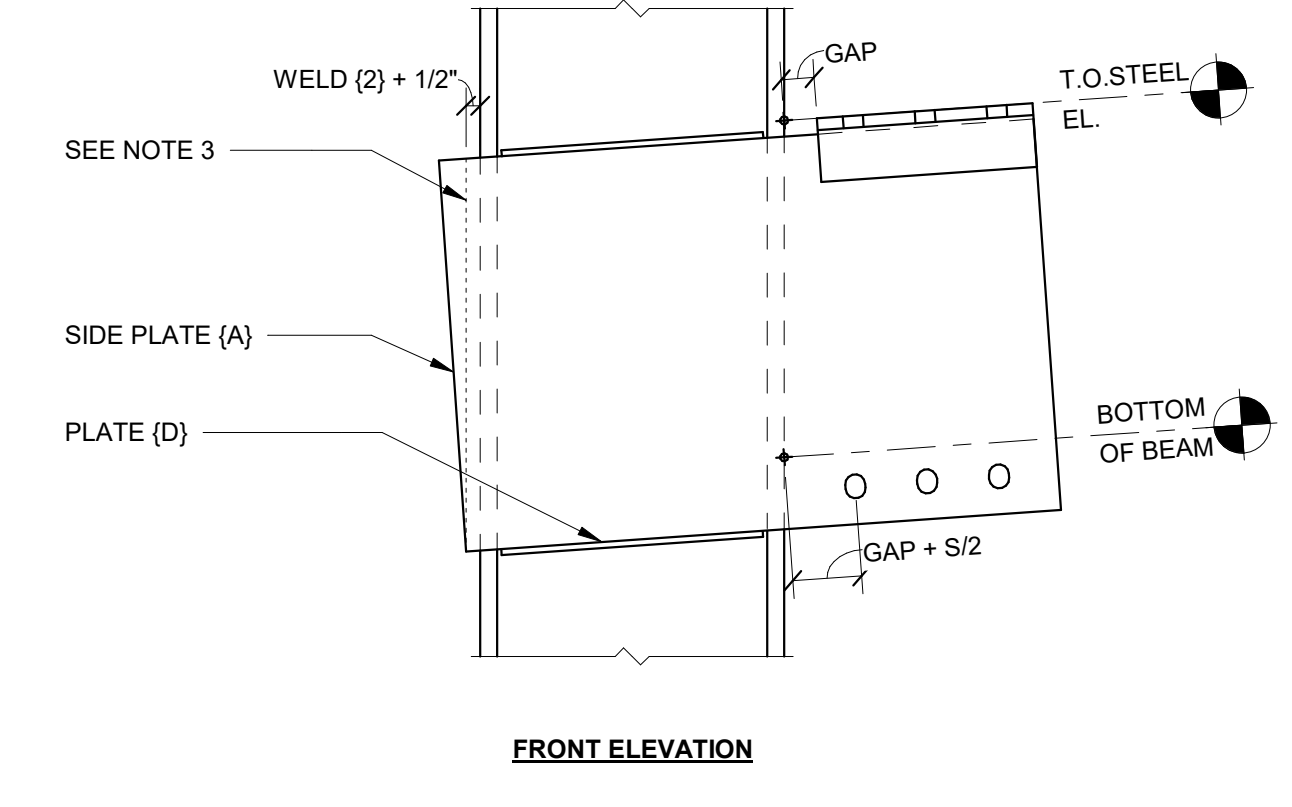
NOTE(S):
 1. LONGITUDINAL ANGLES (G) NOT SHOWN FOR CLARITY.

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



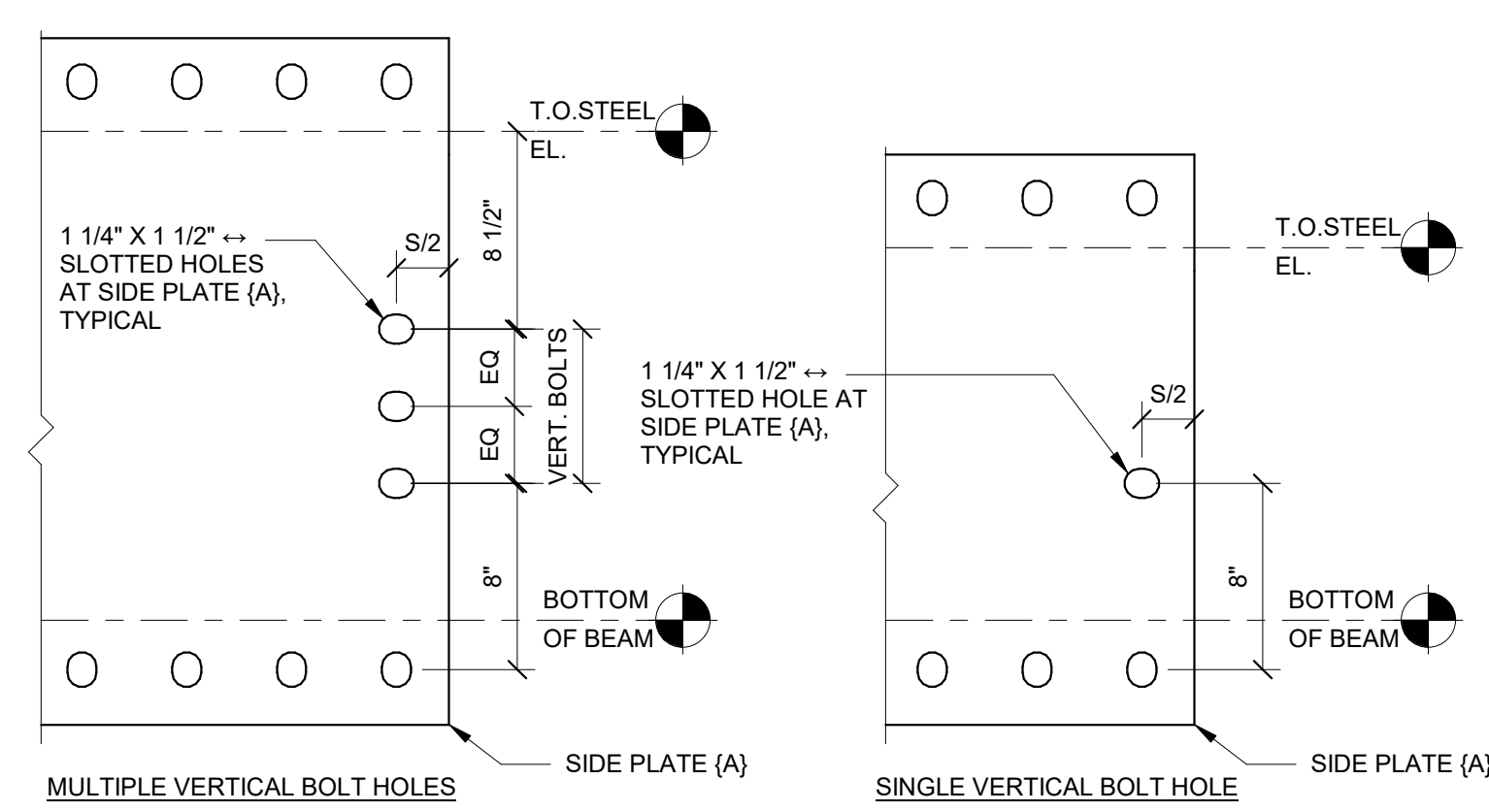
NOTE(S):
 1. FOR BEAM SLOPES > 1" PER FOOT, CONTACT SIDEPLATE SYSTEMS, INC.
 2. COORDINATE PLATES, ANGLES, AND DIMENSIONS WITH RESPECT TO THE SLOPE OF THE CONNECTION.
 3. AT CONTRACTOR'S DISCRETION, SIDE PLATE (A) MAY BE CUT AS SHOWN.
 4. HORIZONTAL SHEAR PLATES (D) AND ASSOCIATED WELDS ARE REQUIRED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

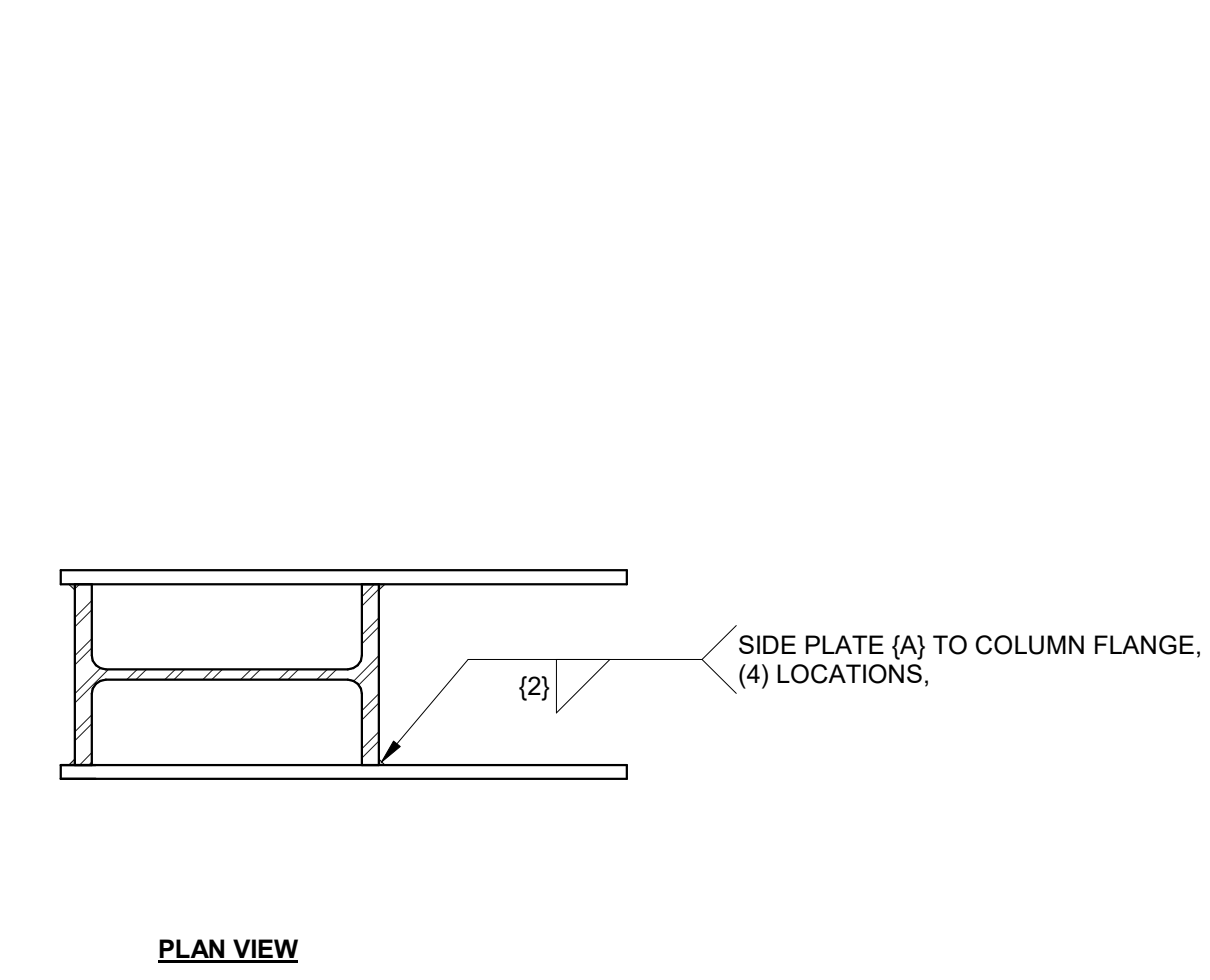
7 SIDE PLATE (A) VSE BOLT HOLE DETAIL
 N.T.S.

ID	COLUMN PANEL ZONE DESIGN (INCHES)				SIDE PLATE (A) EXTENSION DESIGN (INCHES)								
	SERIES	WELD	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.

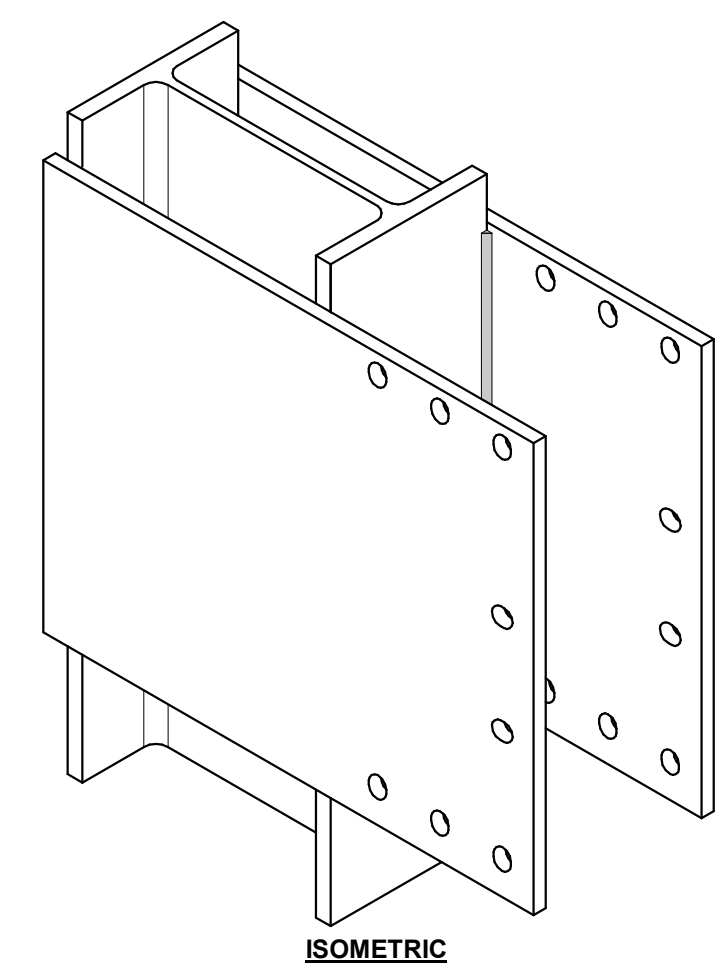
ID	COLUMN PANEL ZONE DESIGN (INCHES)				SIDE PLATE (A) EXTENSION DESIGN (INCHES)										
	SERIES	WELD	BEAM	GAP	PLATE (A)			ANGLE (G)							
					THICKNESS	B	Y	SUGGESTED SIZE	HORIZONTAL LEG	VERTICAL LEG	SIZE	DIAMETER	HORIZONTAL #	G	S
A10, A11, A19	W14x	3/8	W24X68	2	5/8	27 1/4	2 1/2	L5X3-1/2X5/8	3-1/2 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.



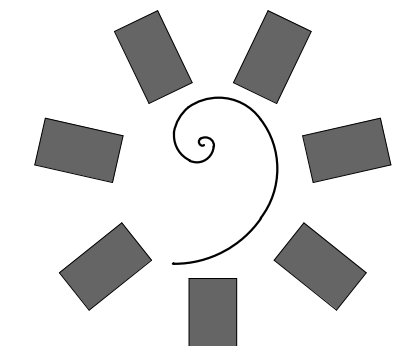
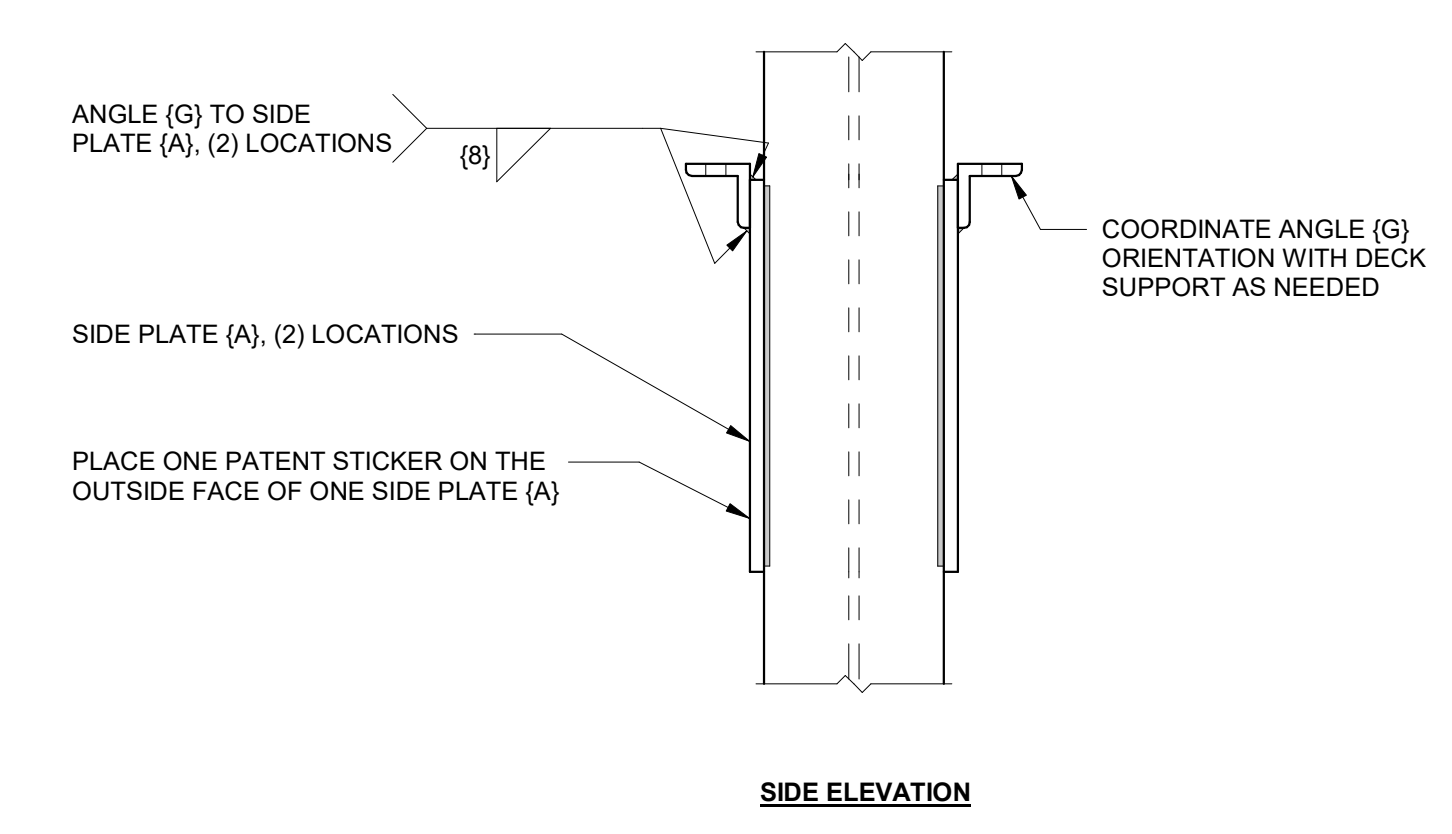
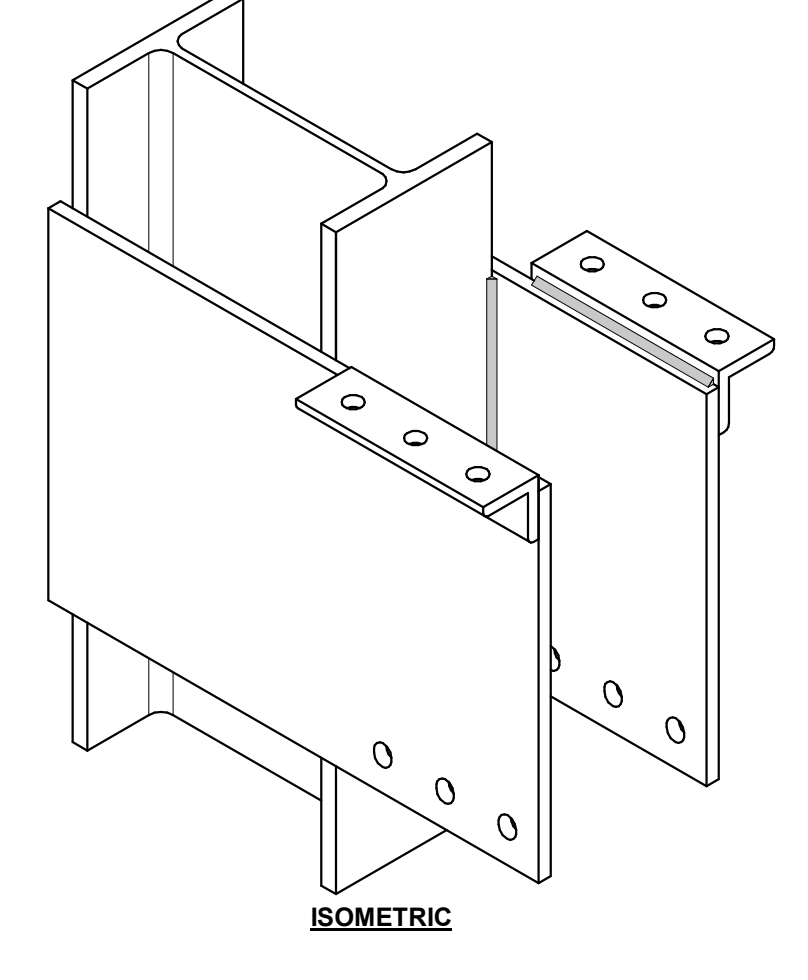
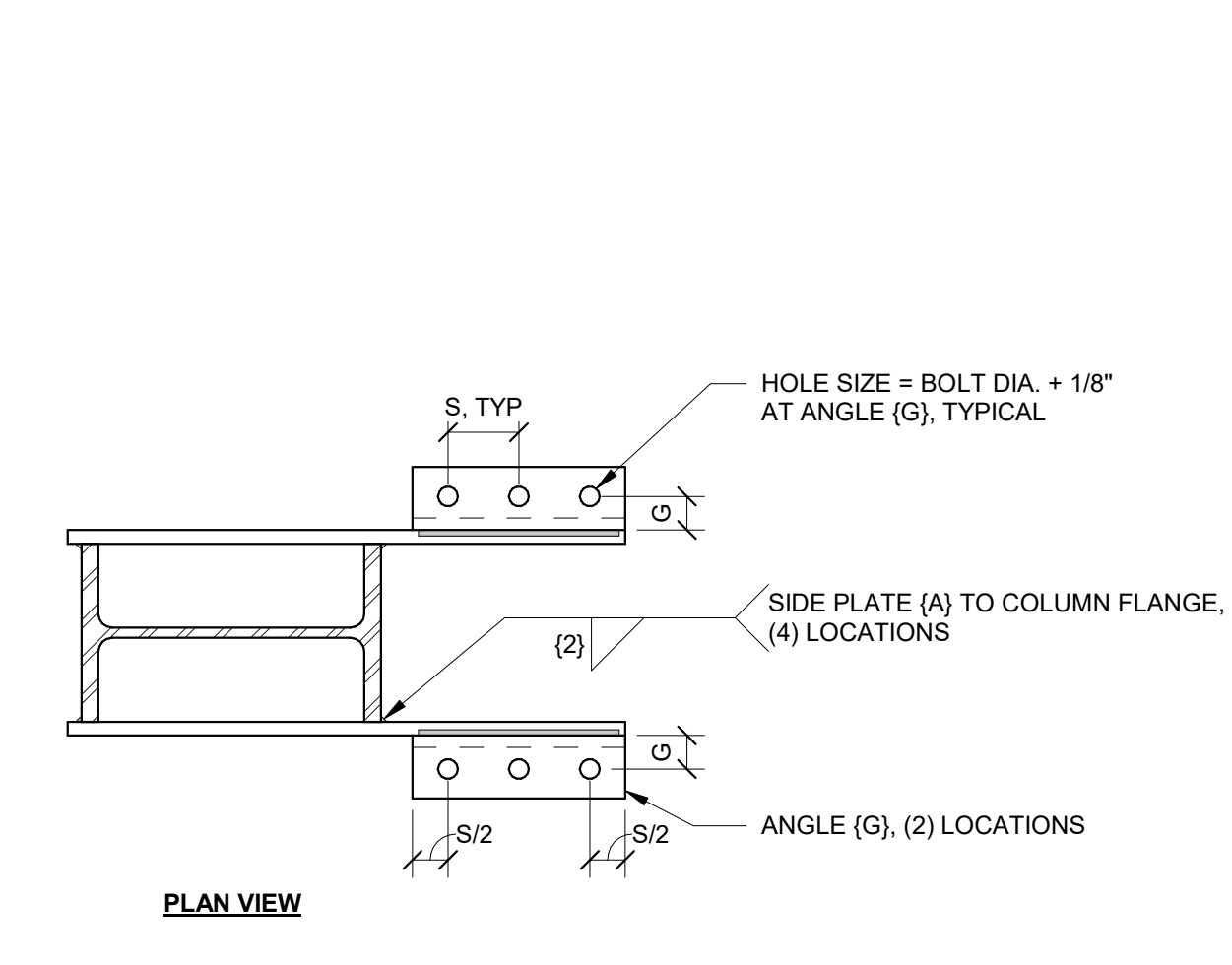
NOTE(S):
 1. THE 1/2 INCH OVERHANG ON THE SIDE PLATE (A) IS TO ENSURE SUFFICIENT ROOM FOR WELD (2). THE +/- TOLERANCE IS APPLIED SO THAT IF DESIRED, THE DETAILER CAN MAKE THE SIDE PLATES (A) THE SAME LENGTH WITH SLIGHTLY VARYING COLUMN DEPTHS WITHIN A GROUP OF THE SAME CONNECTION ID'S.

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

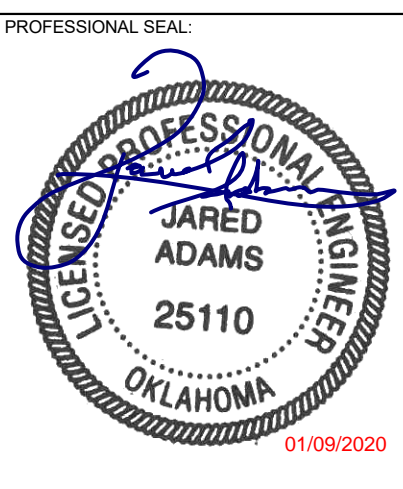


NOTE(S):
 1. THE +/- 1/4 INCH TOLERANCE FOR PLACEMENT OF ANGLES (G) IS TO ENSURE CORRECT TOP OF STEEL PLACEMENT RELATIVE TO THE CENTERLINE OF THE BOTTOM HORIZONTAL ROW OF BOLT HOLES. THE PLACEMENT OF ANGLES (G) SHALL NEVER BE MEASURED FROM THE BOTTOM EDGE OF SIDE PLATE (A) TO ESTABLISH THE CORRECT TOP 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.

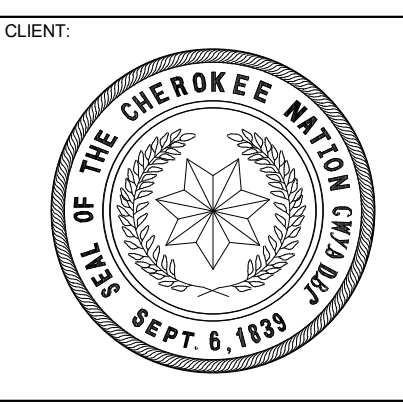
1 A TYPE BOLTED CONNECTION
 N.T.S.



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



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
1	01/19/20	BID PACKAGE 01 - ASI 01

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

SHEET NUMBER: S8.02

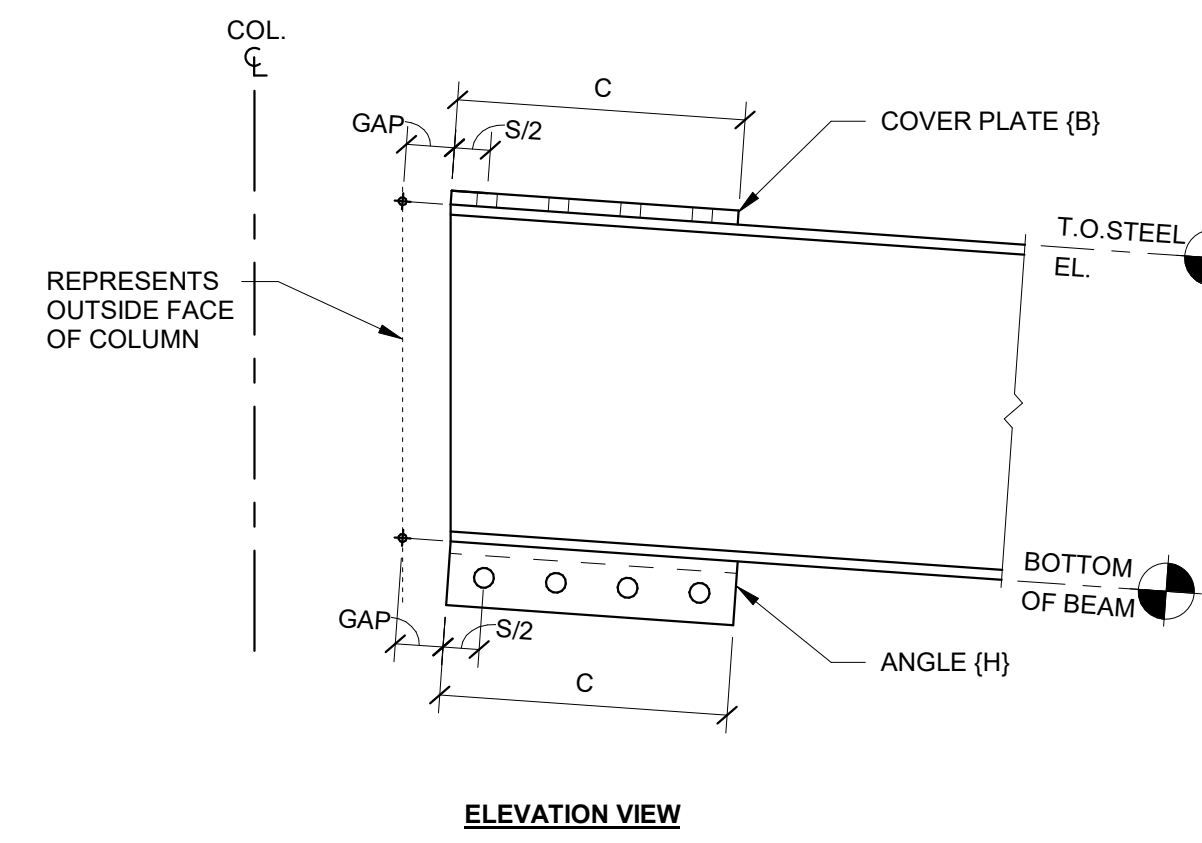
SIDEPLATE COLUMN DETAILS, A TYPE

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.

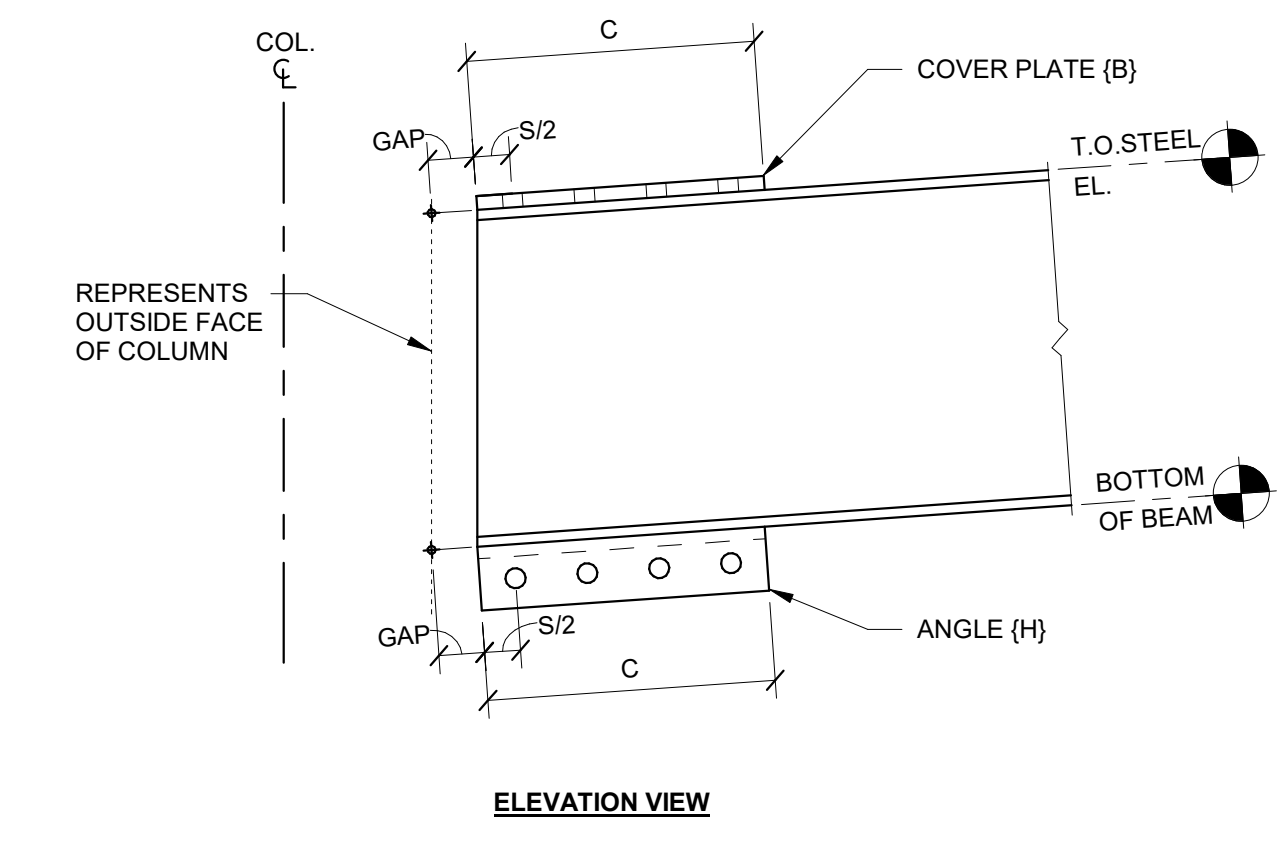
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vis.06.02 3/20/19/PTD



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

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

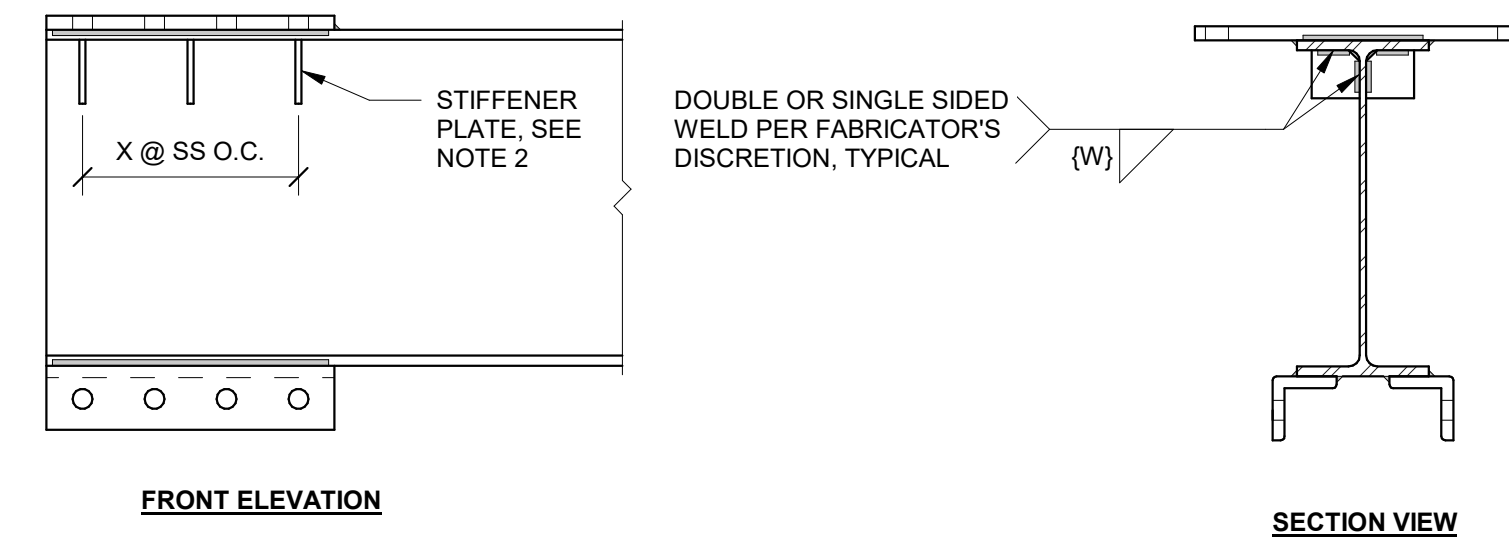


NOTE(S):
 1. FOR BEAM SLOPES > 1" PER FOOT, CONTACT SIDEPLATE SYSTEMS, INC.

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

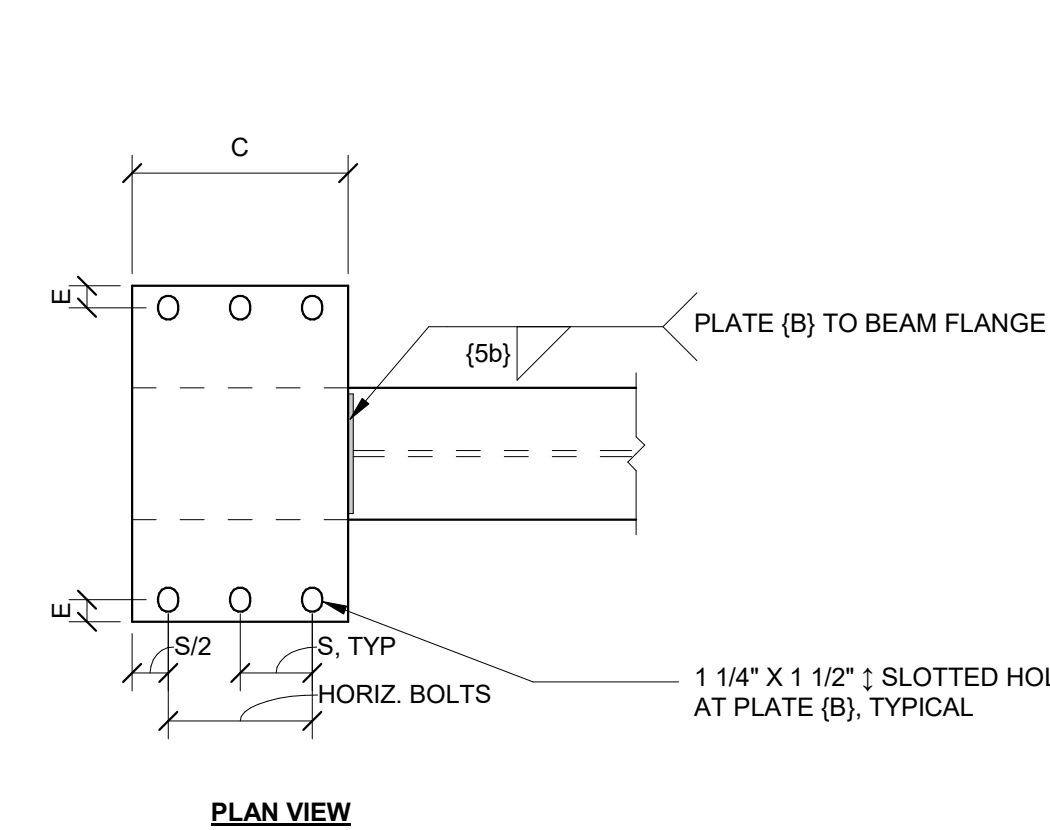
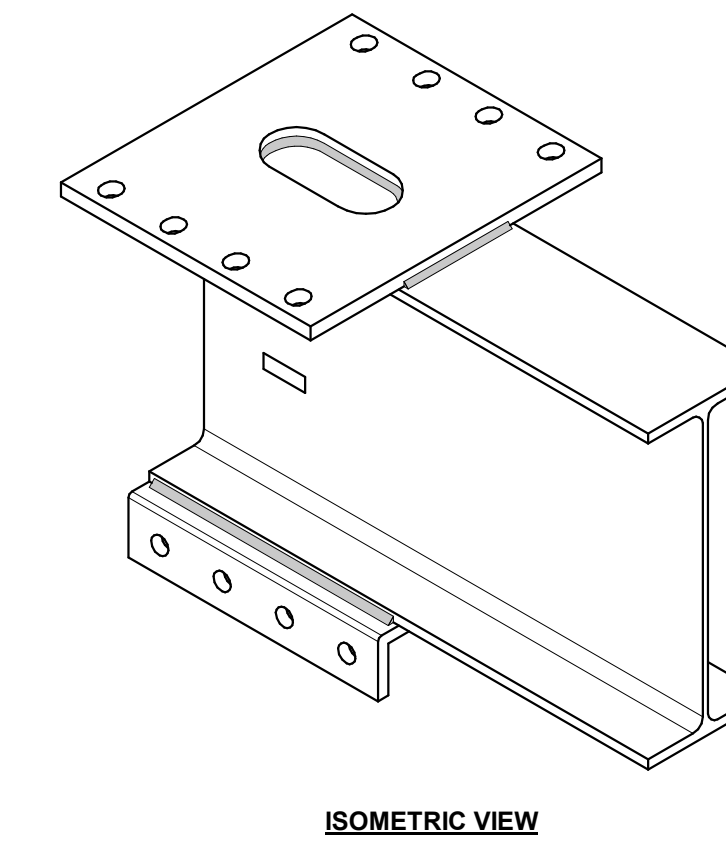
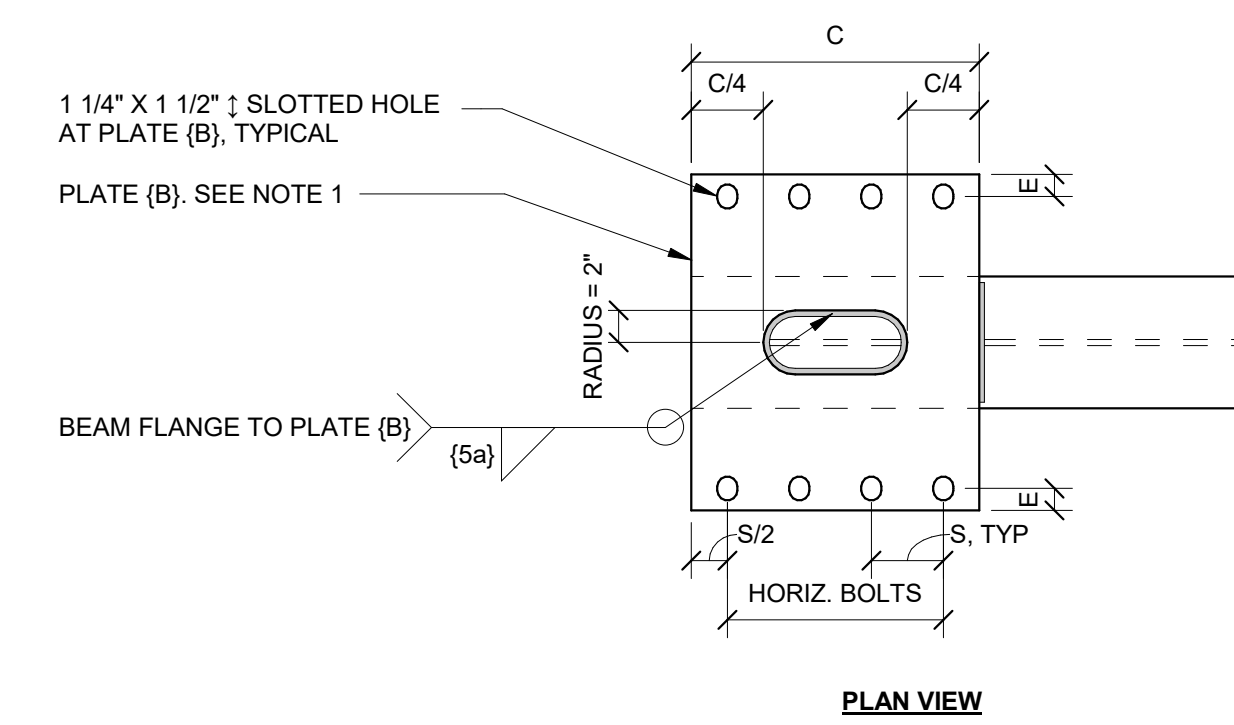
ID	BEAM DESIGN (INCHES)																						
	BEAM	PLATE				ANGLE				WELD				BOLT									
		SHAPE	GAP	(B)		STIFFENER (SEE DETAIL 6 THIS SHEET)		(H)		(5)	(5a)	(5b)	(W) (SEE DETAIL 6 THIS SHEET)		DIAMETER	HORIZONTAL #	G	S					
A10	W24X68	2	Slotted	1 1/8	1 3/8	8 1/4	-	-	-	-	L6X4X5/8	18	6	4	5/16	5/16	5/16	-	-	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.



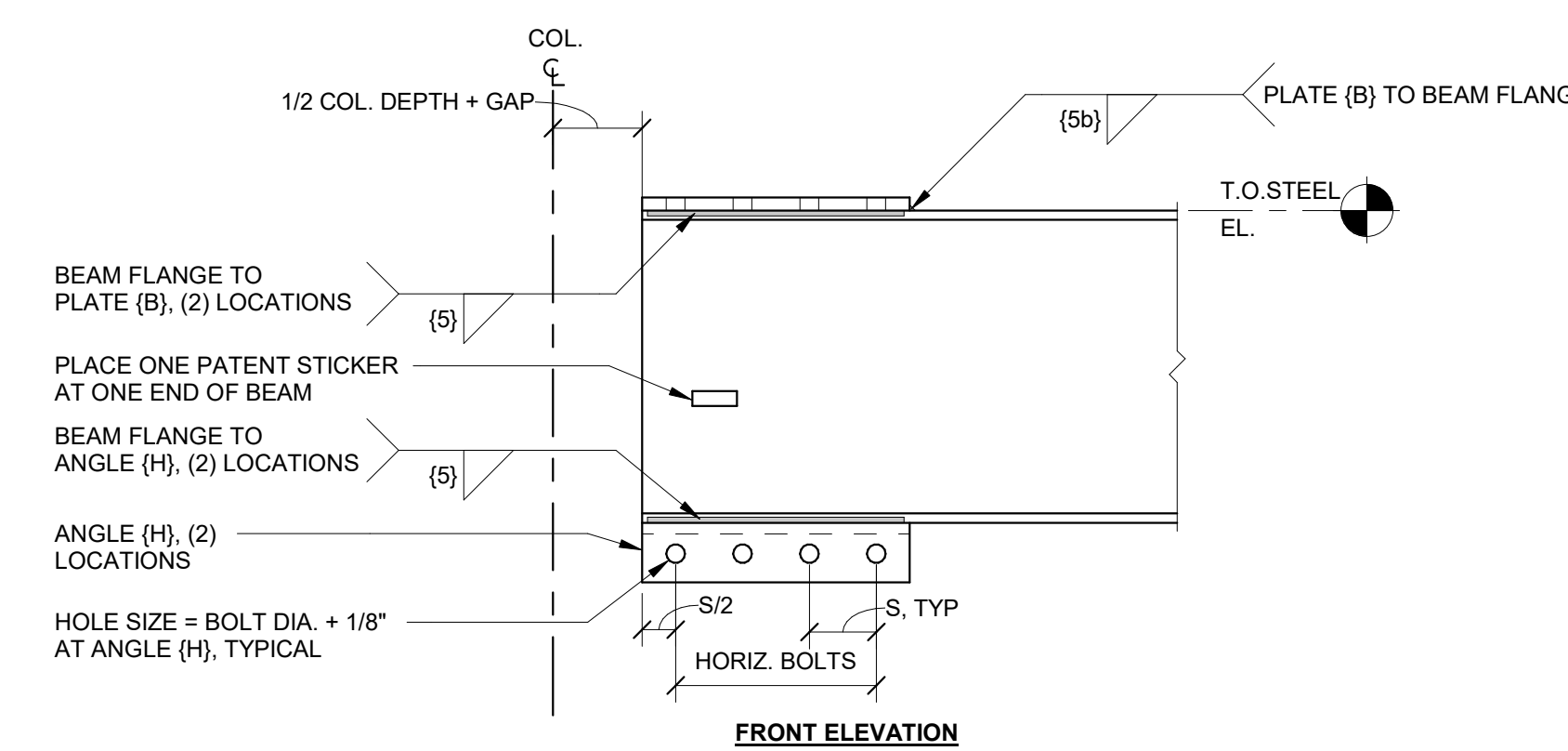
NOTE(S):
 1. SEE BEAM END SCHEDULE FOR QUANTITY, SPACING, AND WELDING OF STIFFENER PLATES.
 2. STIFFENER PLATES SHALL BE MADE OF GRADE 50 MATERIAL.
 3. STIFFENER PLATES AND WELDS ARE NOT CREATED BY SIDEPLATE CUSTOM COMPONENT TOOL.

6 STIFFENER PLATES
 N.T.S.



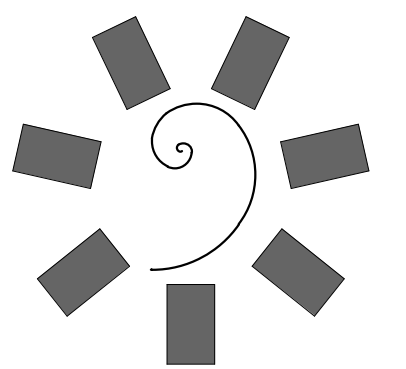
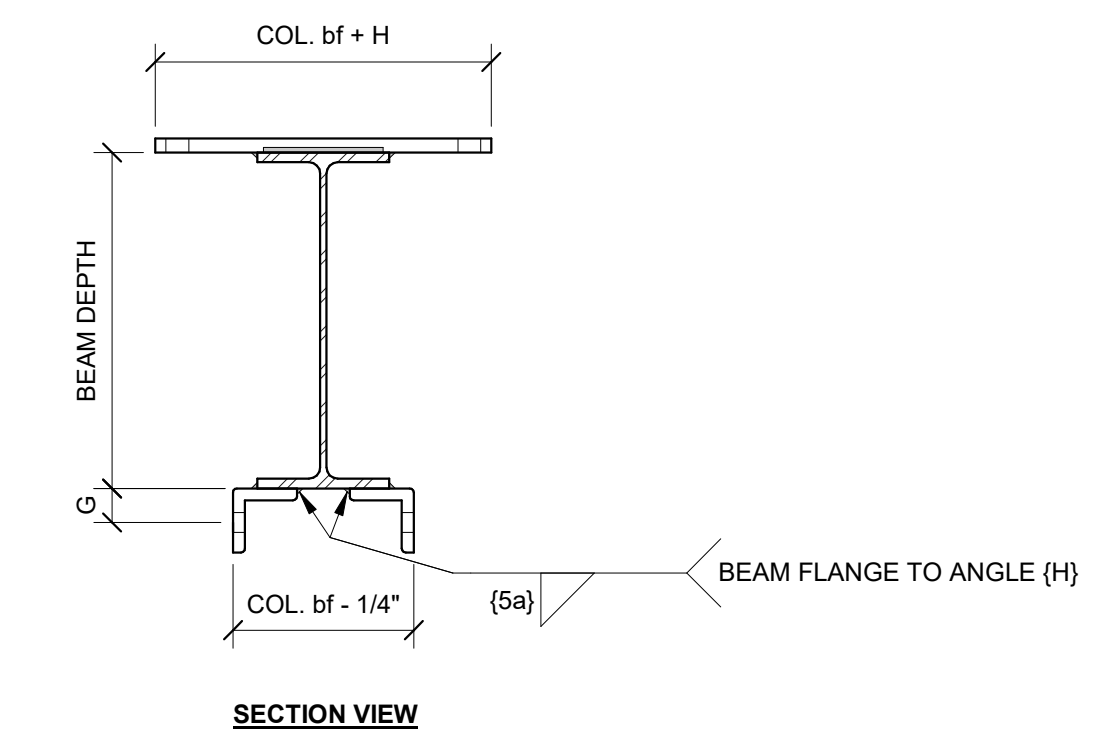
NOTE(S):
 1. FOR ITEMS NOT NOTED, SEE DETAIL 1 / S8.04

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

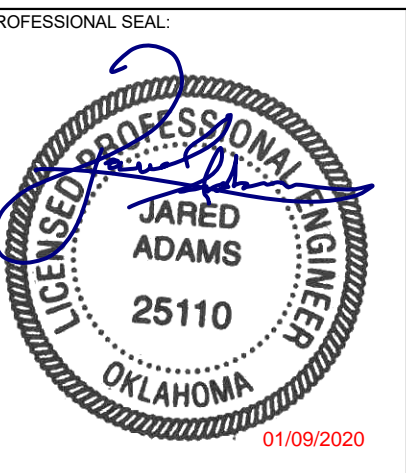


NOTE(S):
 1. USE SLOTTED OR RECTANGULAR COVER PLATE (B) PER SCHEDULE. FOR RECTANGULAR COVER PLATE, SEE DETAIL 5 / S8.04

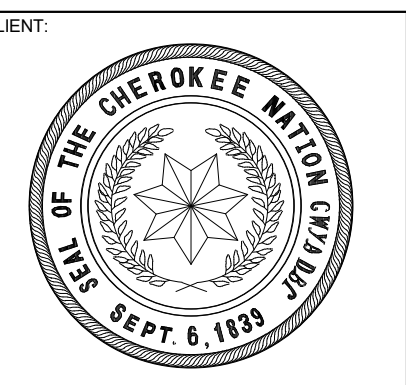
1 BEAM END DETAIL
 N.T.S.



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 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:

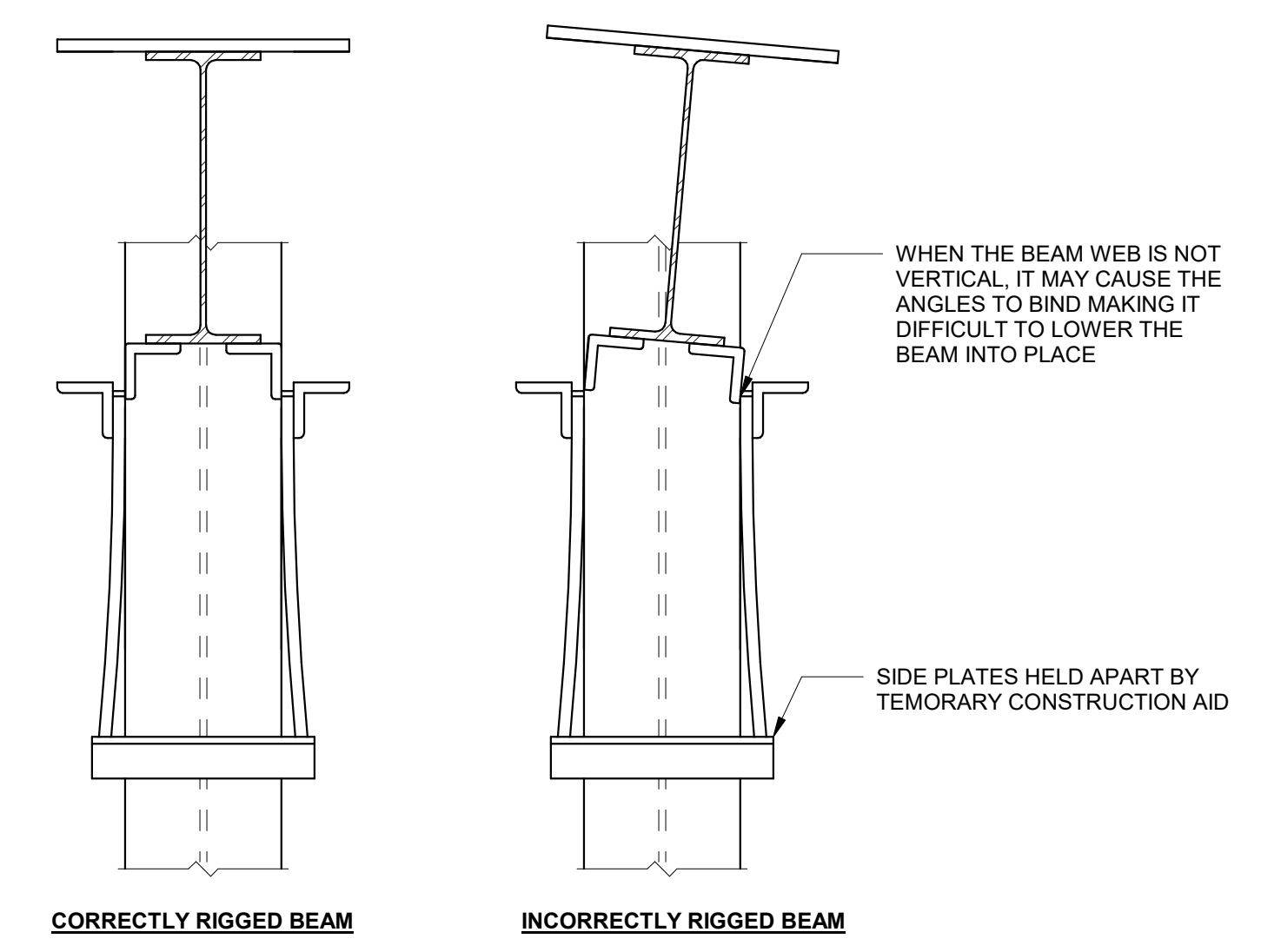
S8.04

SIDEPLATE BEAM DETAILS

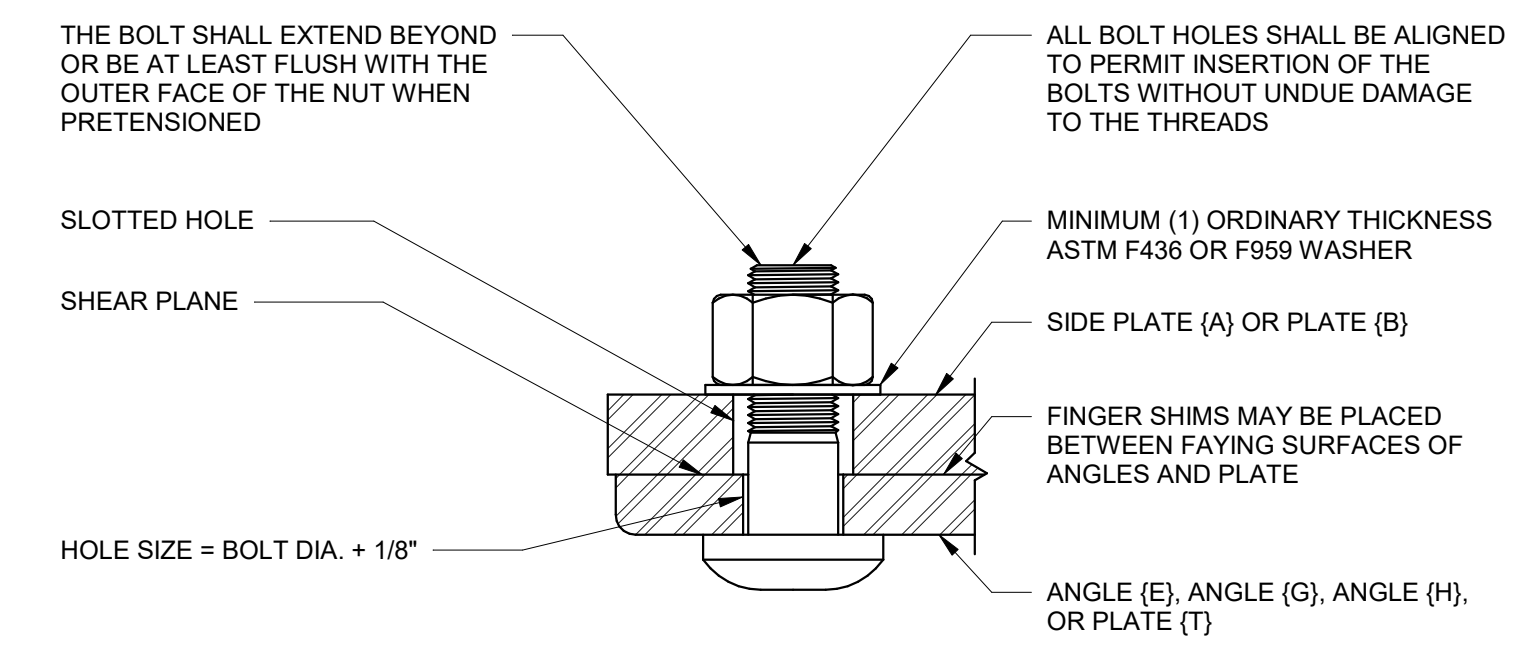
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DATE PLOTTED: 11/08/20
 NAME: BSH/STB



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.

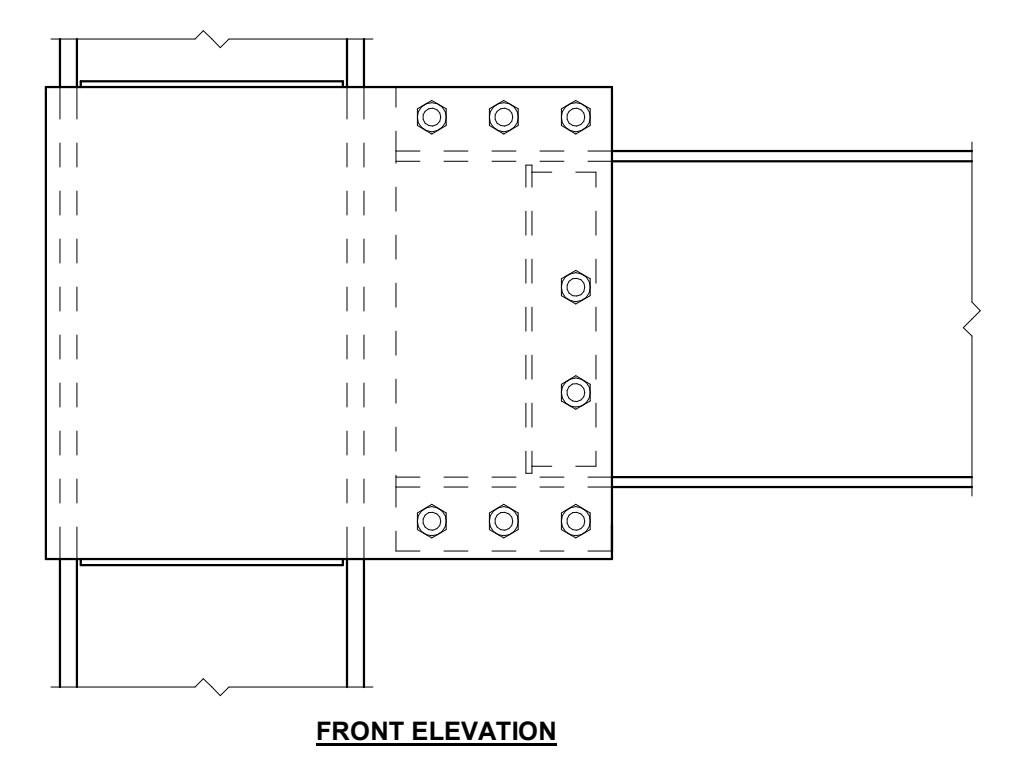
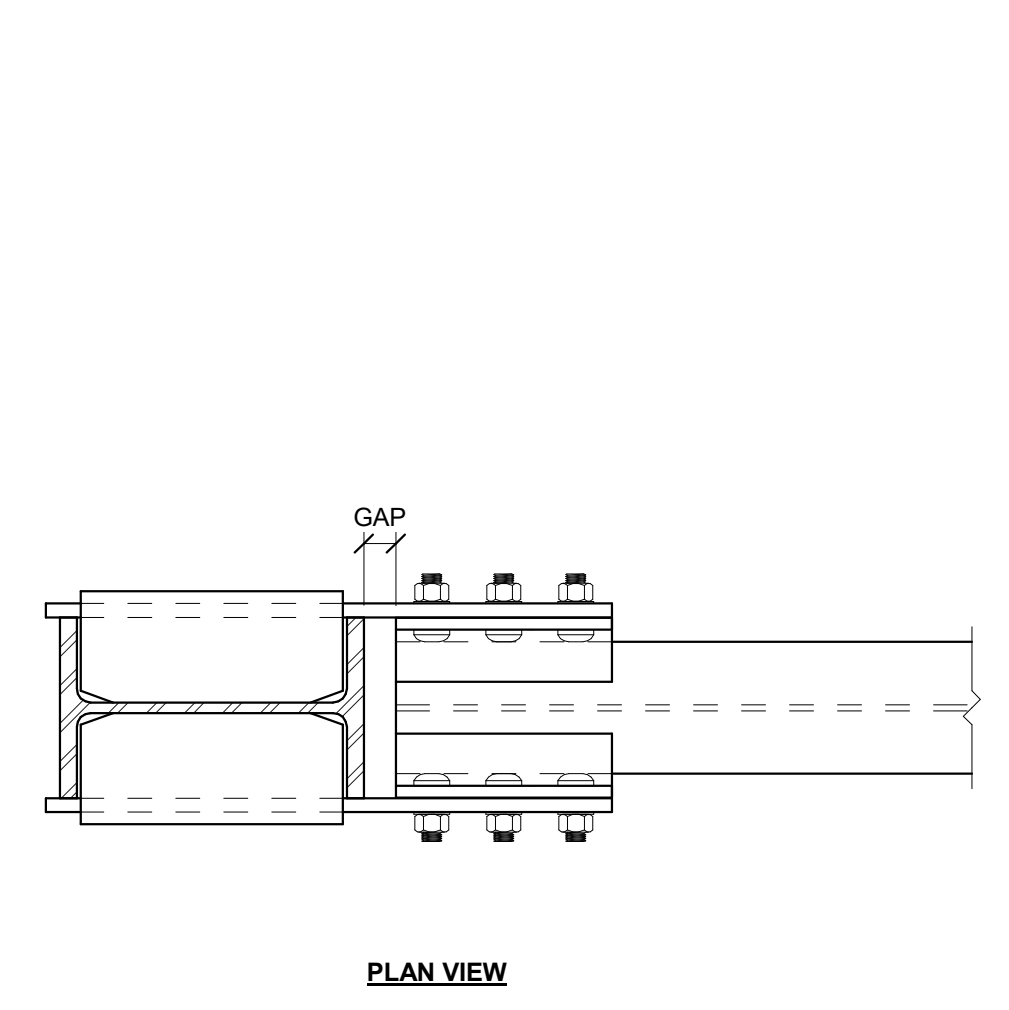
3 FIELD BOLTING DETAIL
 N.T.S.

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.

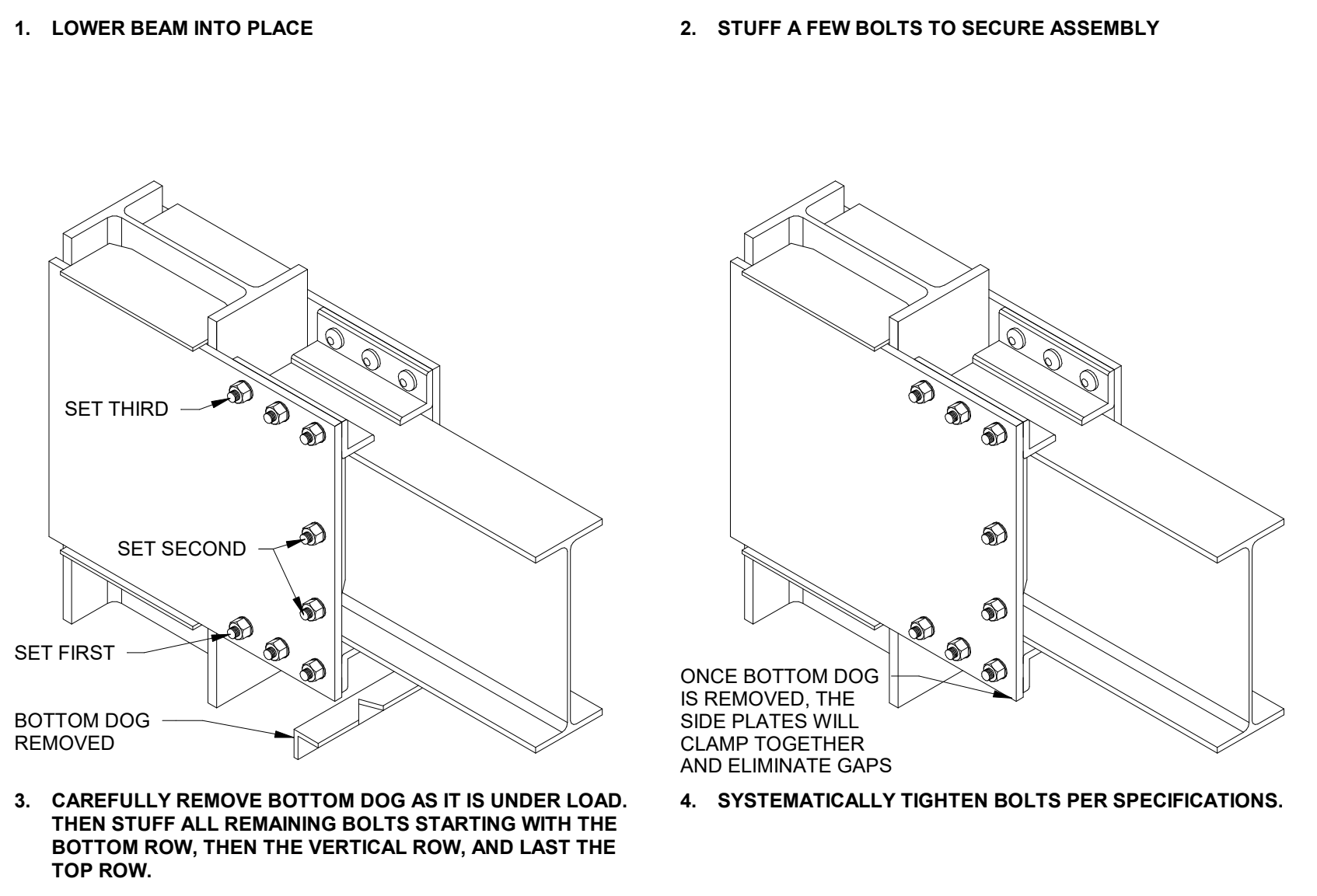
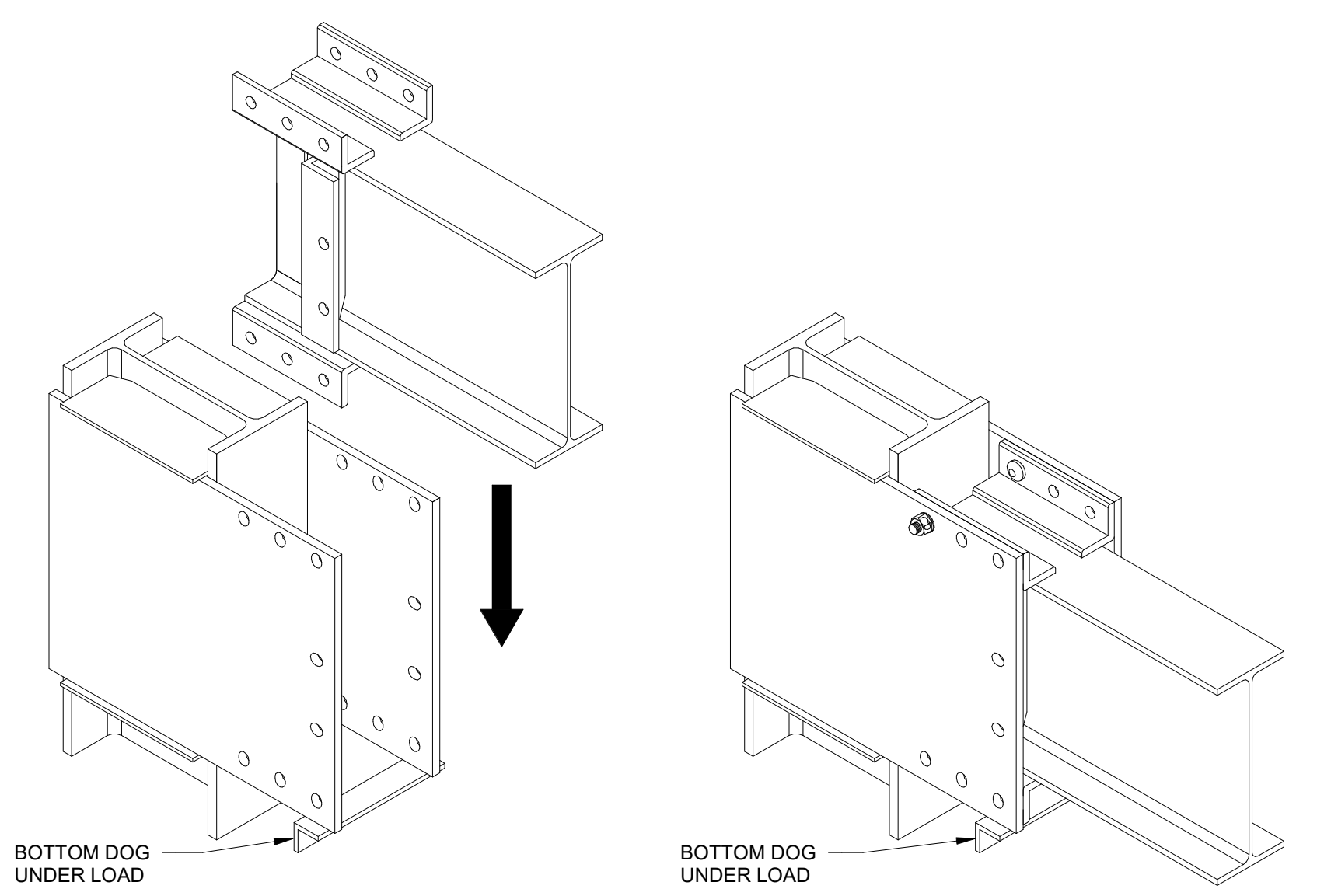
ID	ERECTION DESIGN (INCHES)				
	BEAM		BOLT		
	SHAPE	DIAMETER	HORIZONTAL #	VERTICAL #	TOTAL # PER BEAM END
A15, B15	W24X88	1 1/8	4	2	20
A25, B25	W24X94	1 1/8	5	2	24
A45, B45	W36X160	1 1/8	6	3	30

6 NARROW BEAM ERECTION SCHEDULE
 N.T.S.

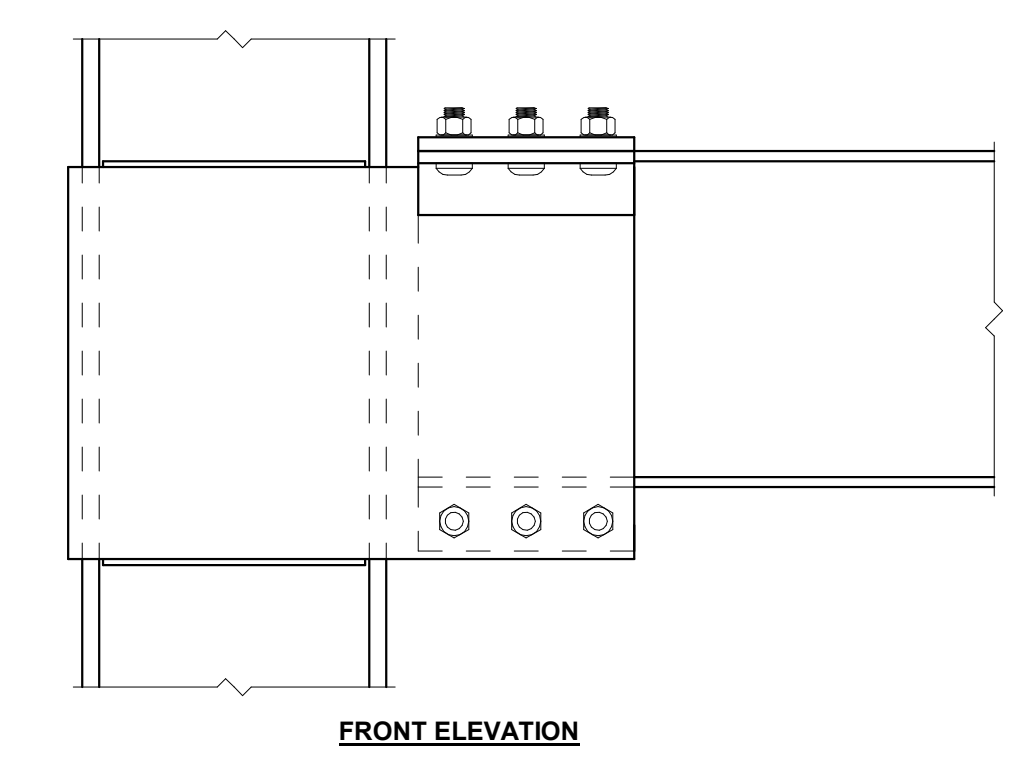
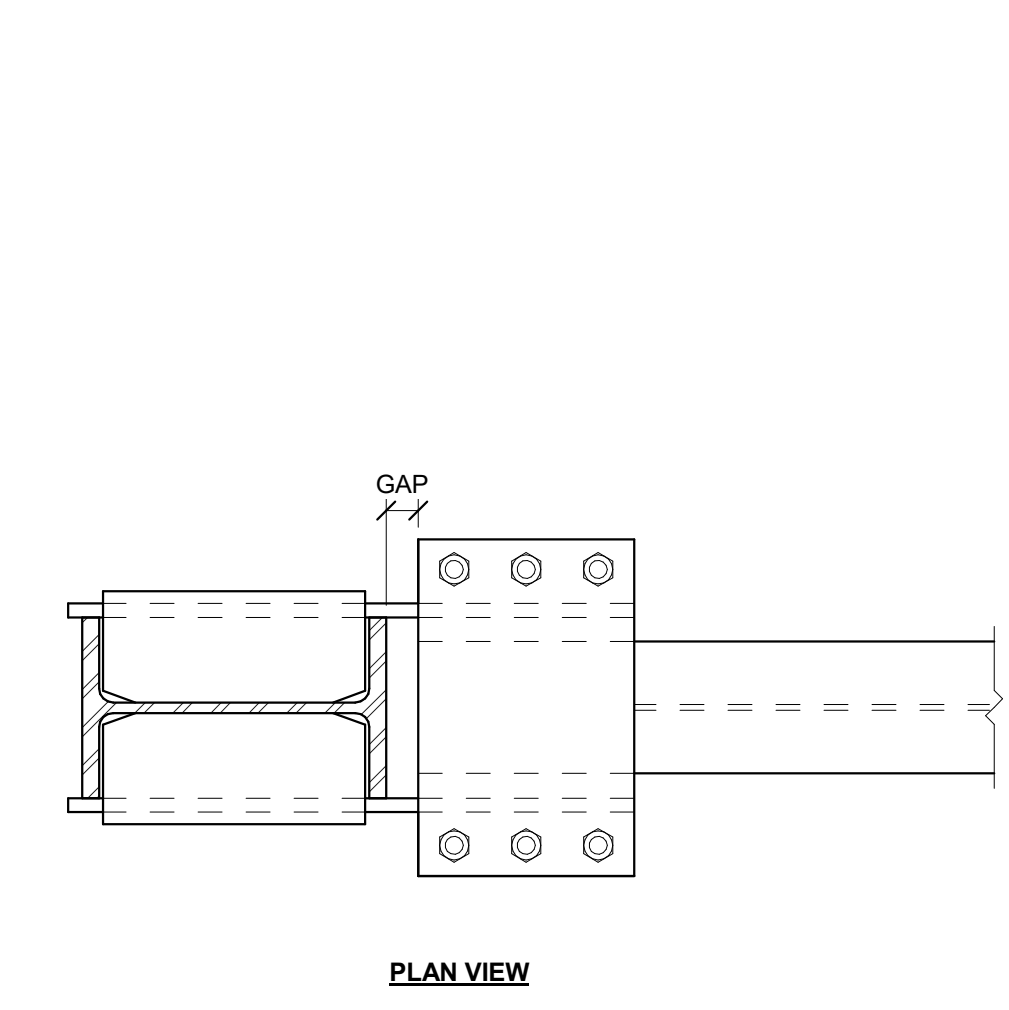


TYPICAL SEQUENCE OF ERECTION:
 1. LOWER THE BEAM INTO PLACE FROM ABOVE.
 2. STUFF A FEW BOLTS TO SECURE ASSEMBLY.
 3. **BOTTOM DOG SHALL BE REMOVED.** IT IS RECOMMENDED THAT IT BE REMOVED BY TORCH CUTTING A V SECTION OUT OF ONE OF THE ANGLE LEGS TO ALLEVIATE THE LOAD AND THEN PROCEED TO REMOVE IT. IT 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.

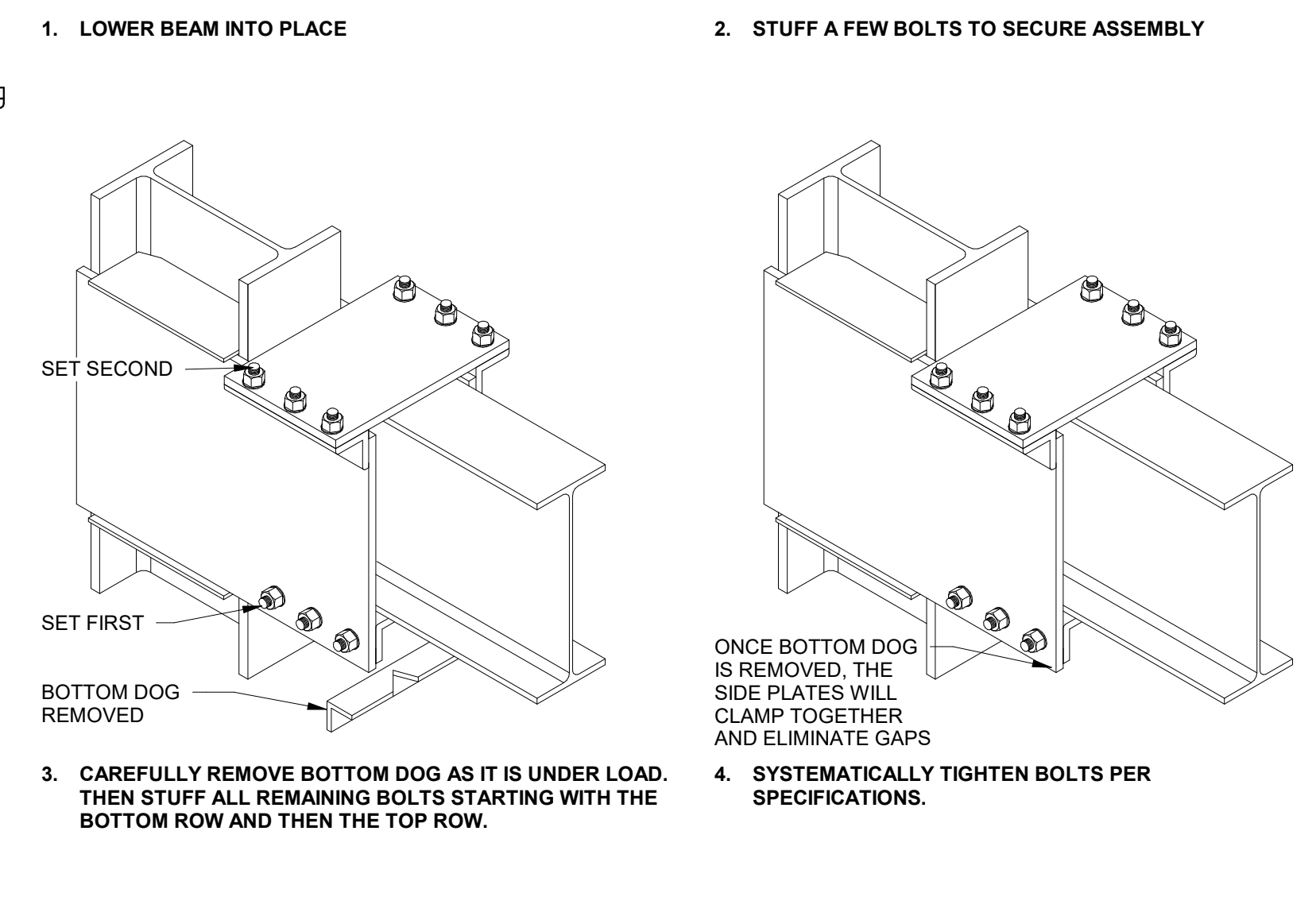
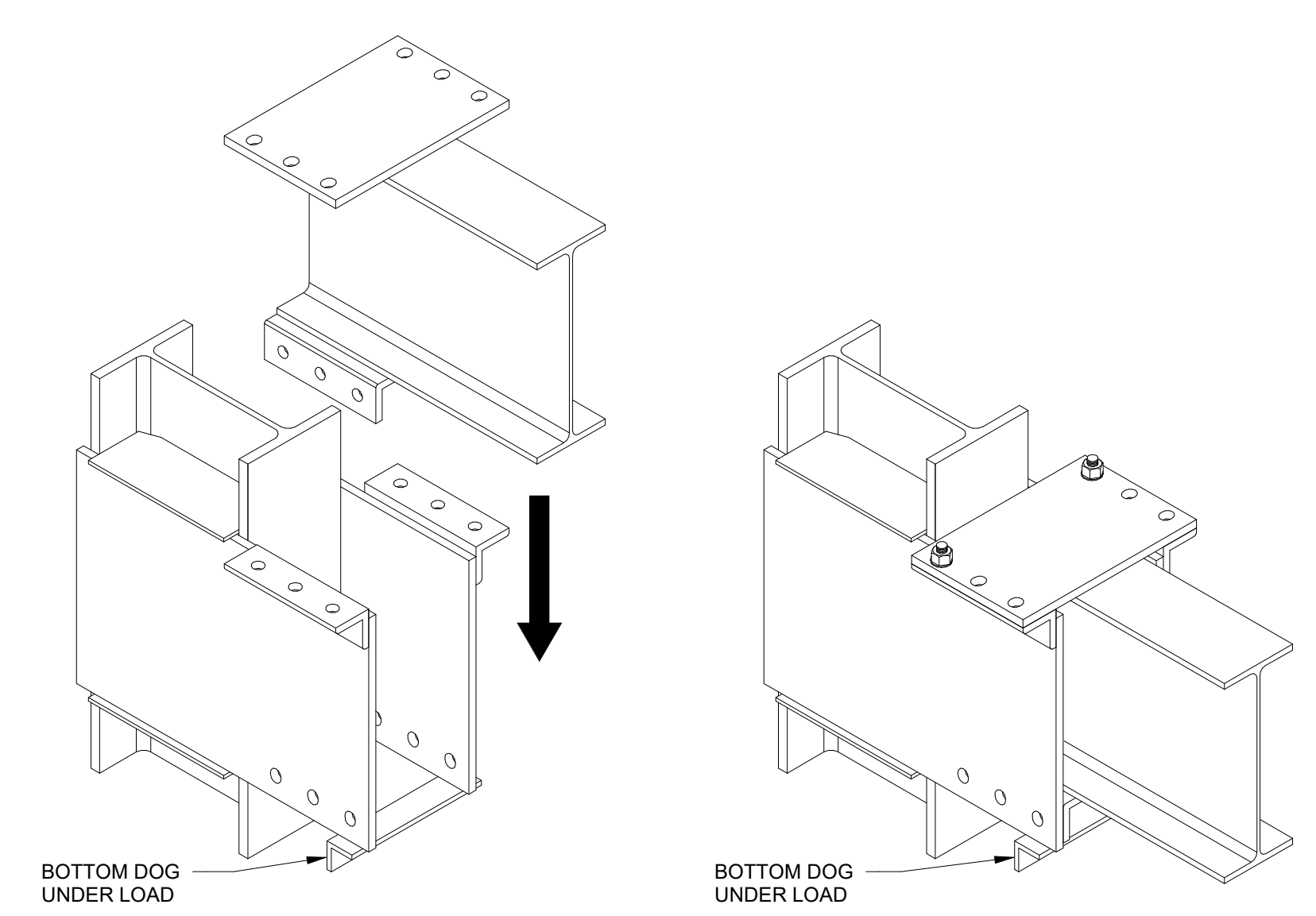


6 NARROW BEAM ERECTION DETAIL
 N.T.S.



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).
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 6. THE WELD REMNANTS OF THE BOTTOM DOG MAY REMAIN IN PLACE AND DO NOT NEED TO BE GROUND SMOOTH.

3 FIELD BOLTING DETAIL
 N.T.S.



2 BEAM ERECTION SCHEDULE
 N.T.S.

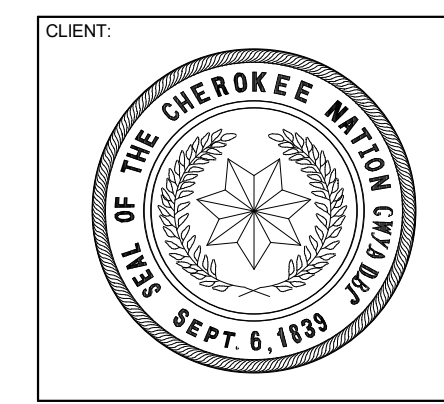
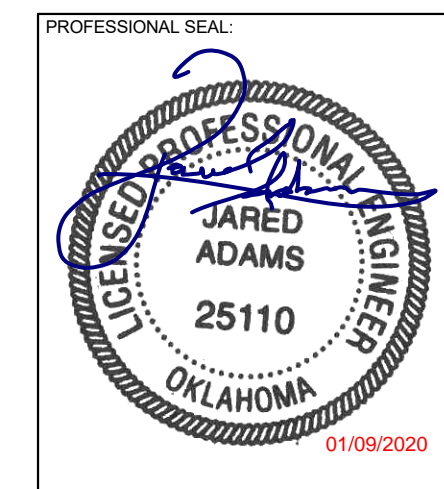
5 NARROW BEAM ERECTION DETAIL
 N.T.S.

3 FIELD BOLTING DETAIL
 N.T.S.

2 BEAM ERECTION SCHEDULE
 N.T.S.

6 NARROW BEAM ERECTION DETAIL
 N.T.S.

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

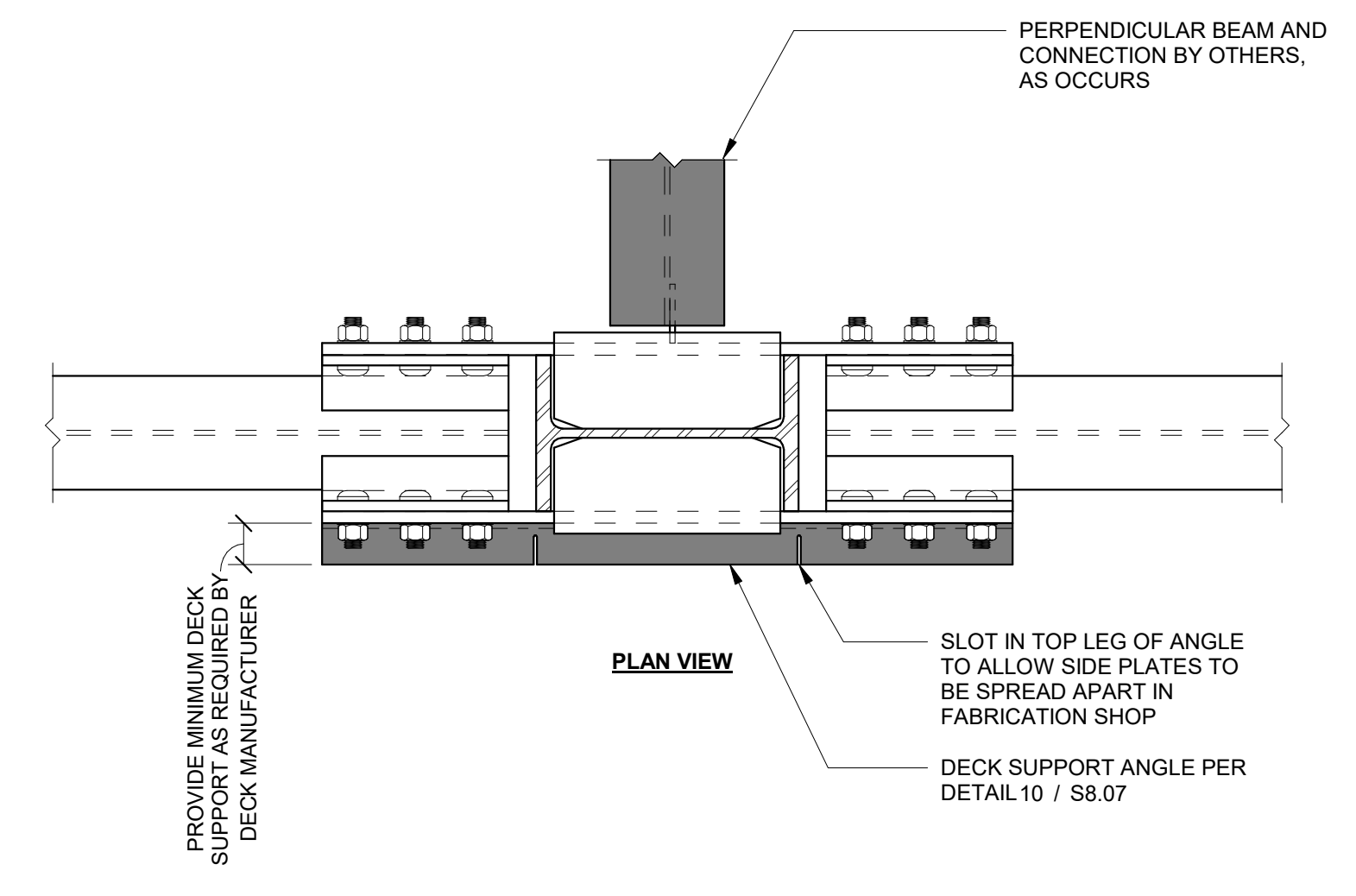
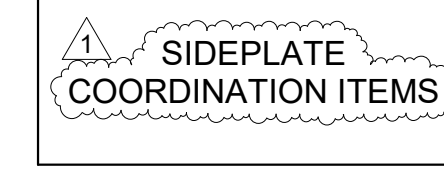
KEY PLAN

PROJECT PHASE
 STEEL DETAILS

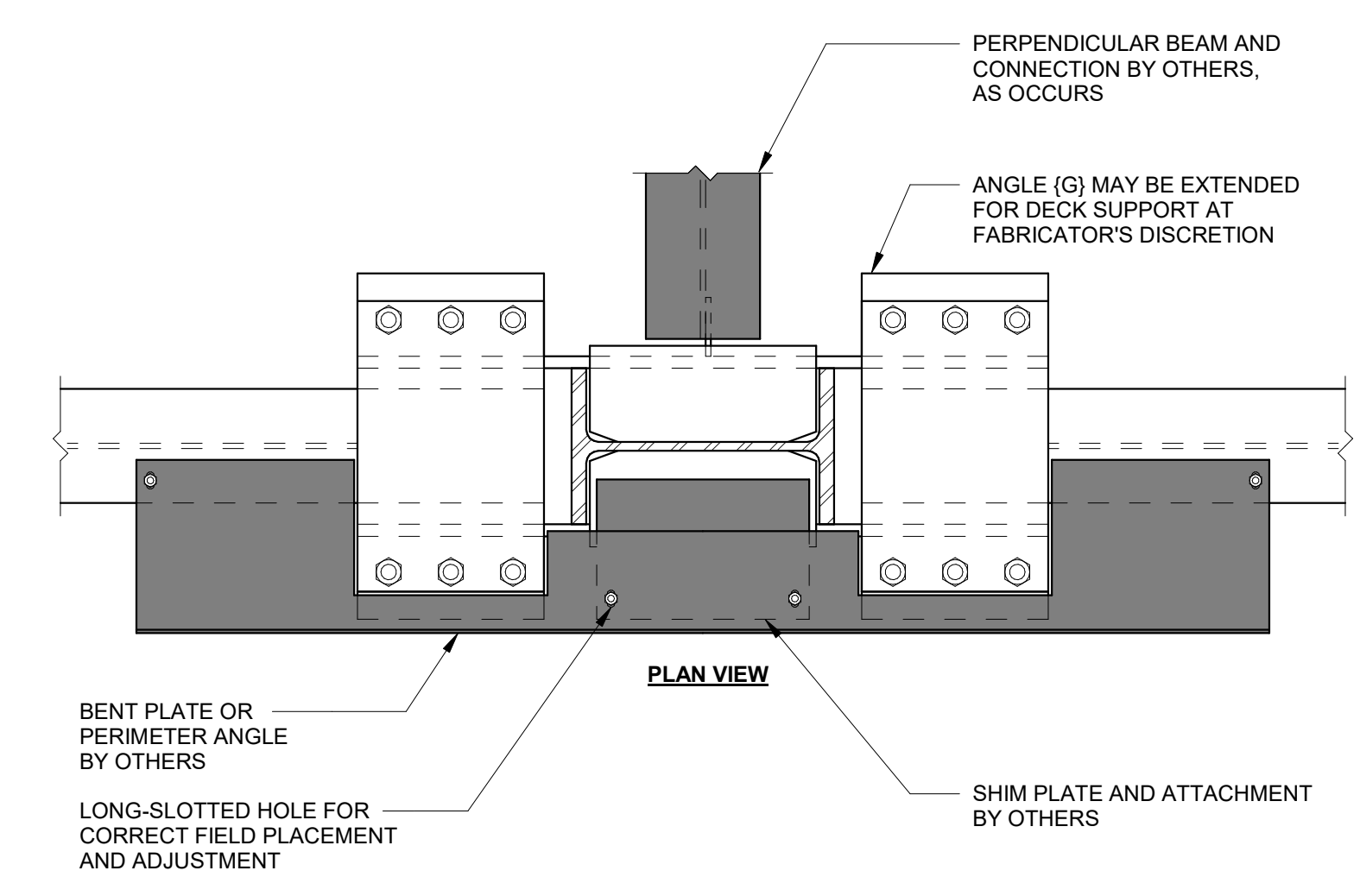
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DATE: 11-01-19 JOB NUMBER: 18-01.01

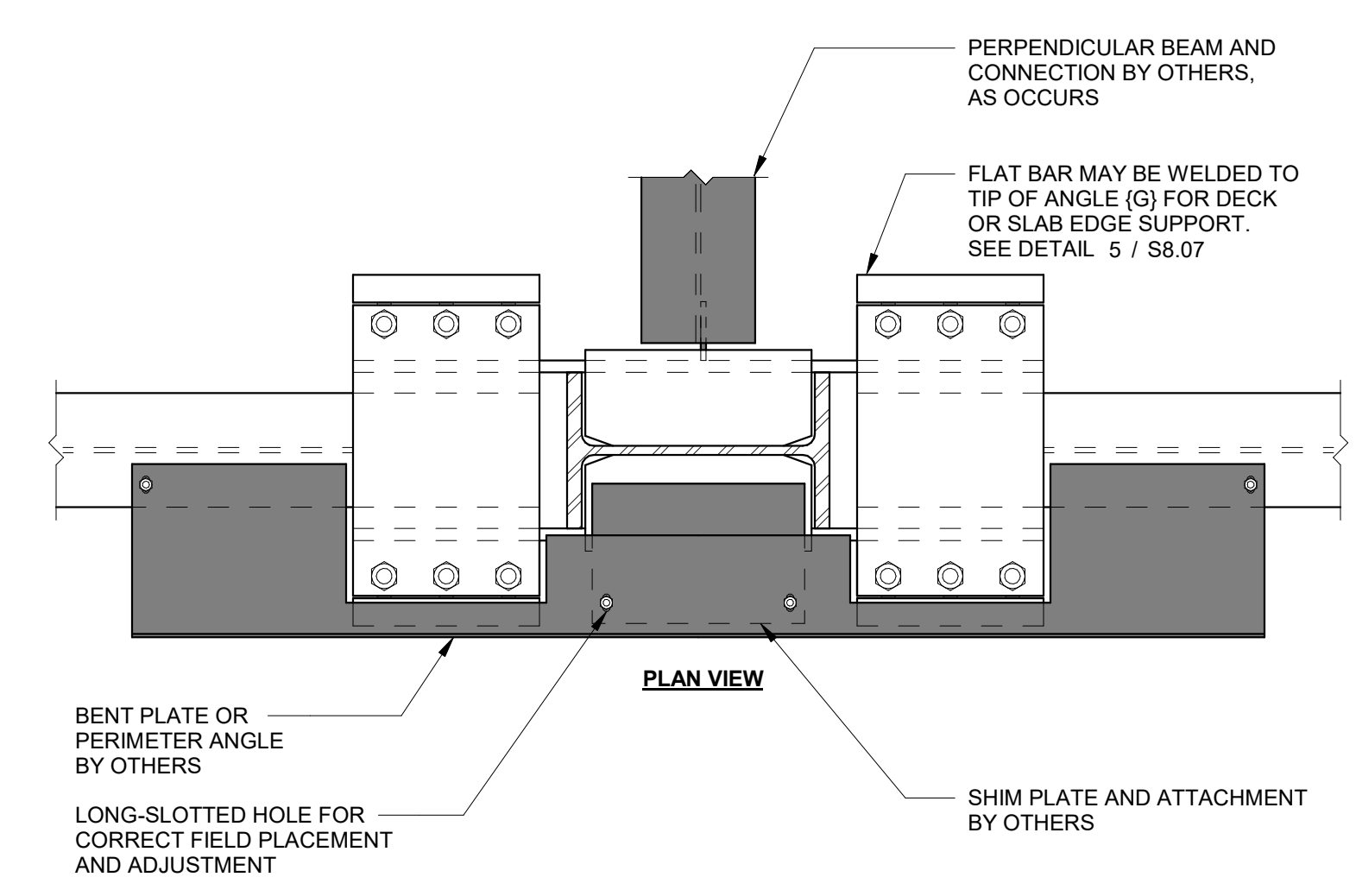
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S8.07



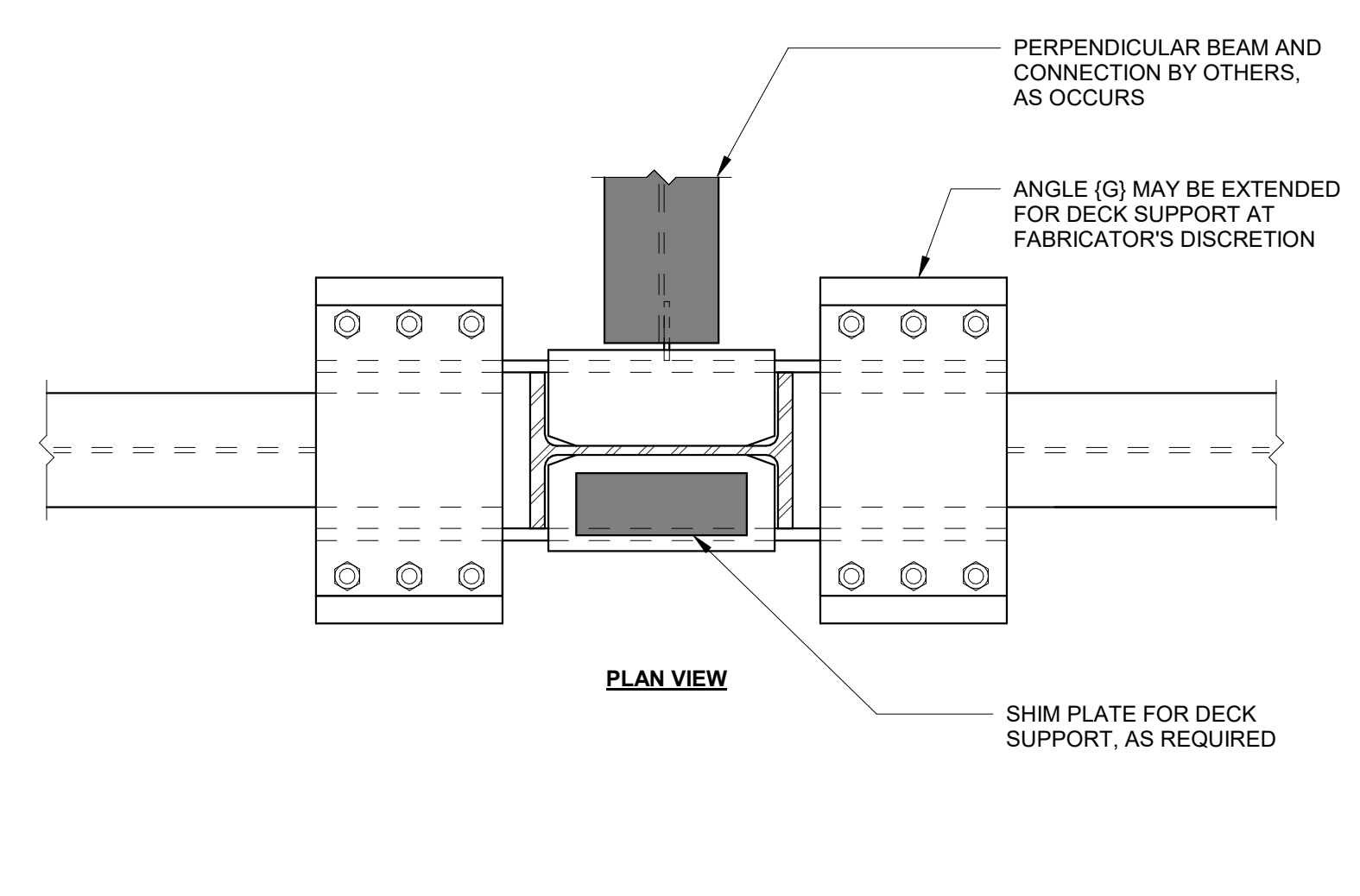
8 NARROW CONFIGURATION DECK SUPPORT DETAIL
 N.T.S.



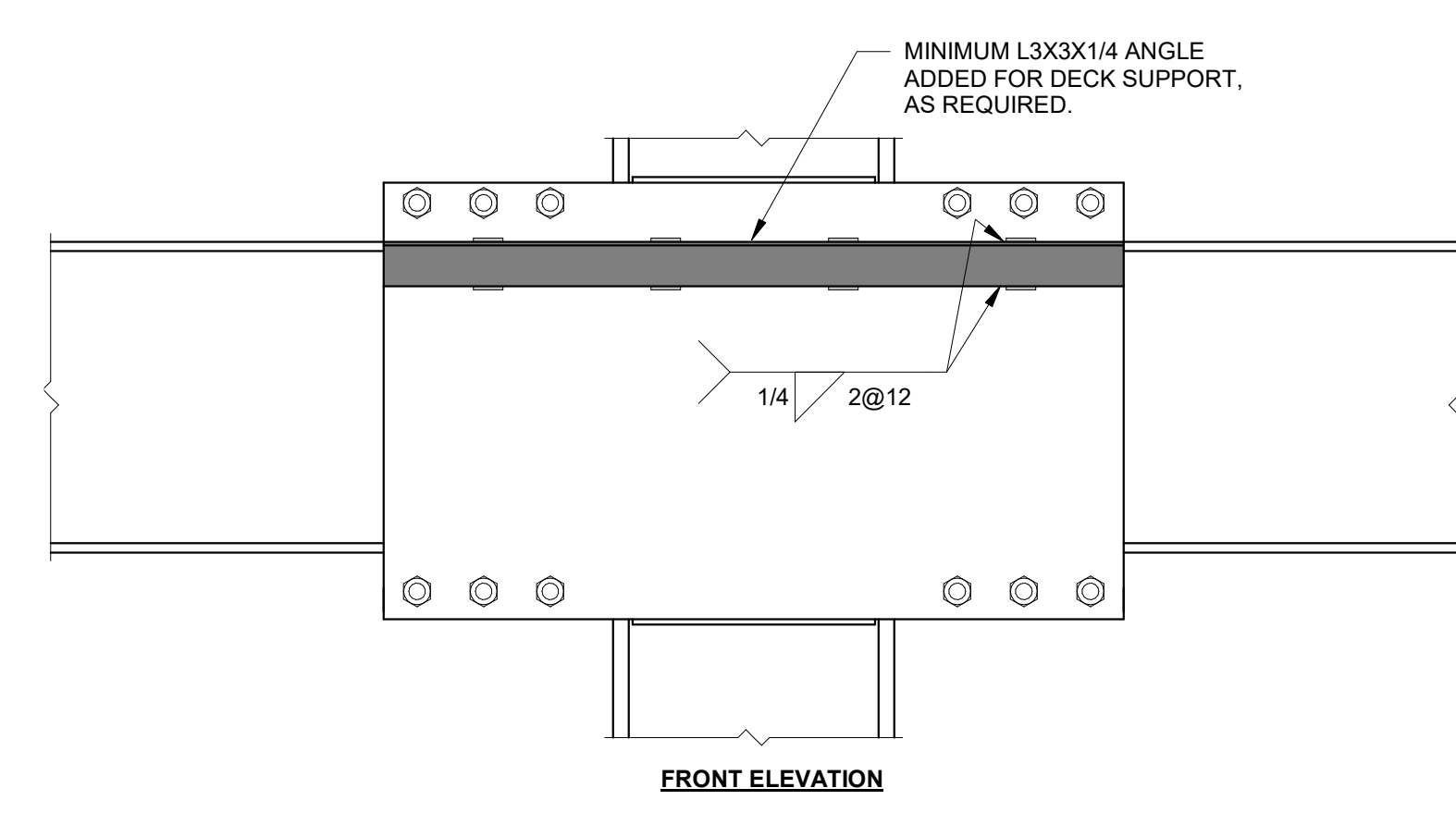
4 SLAB EDGE DETAIL
 N.T.S.



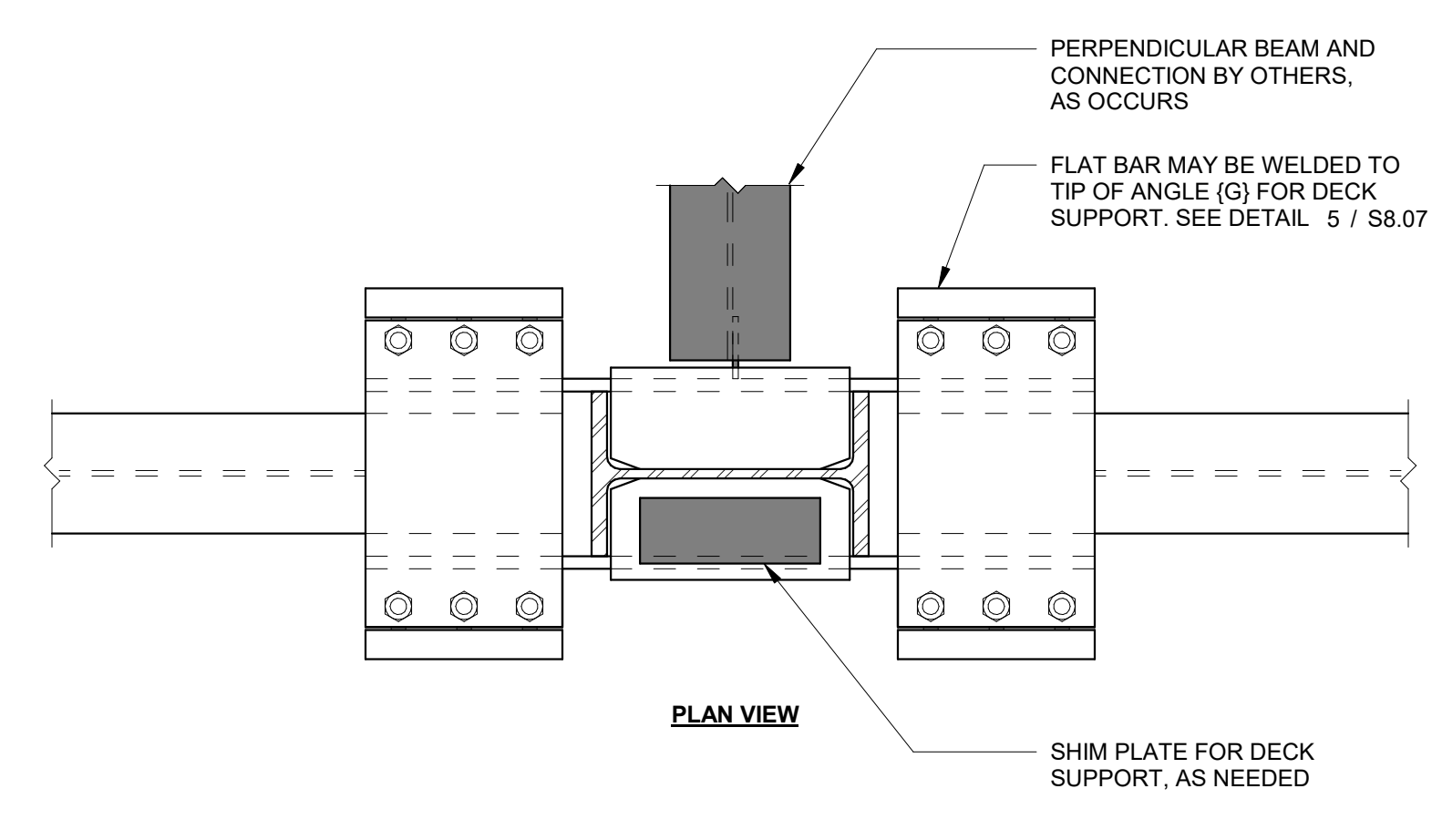
7 WELDED FLAT BAR FOR SLAB EDGE SUPPORT DETAIL
 N.T.S.



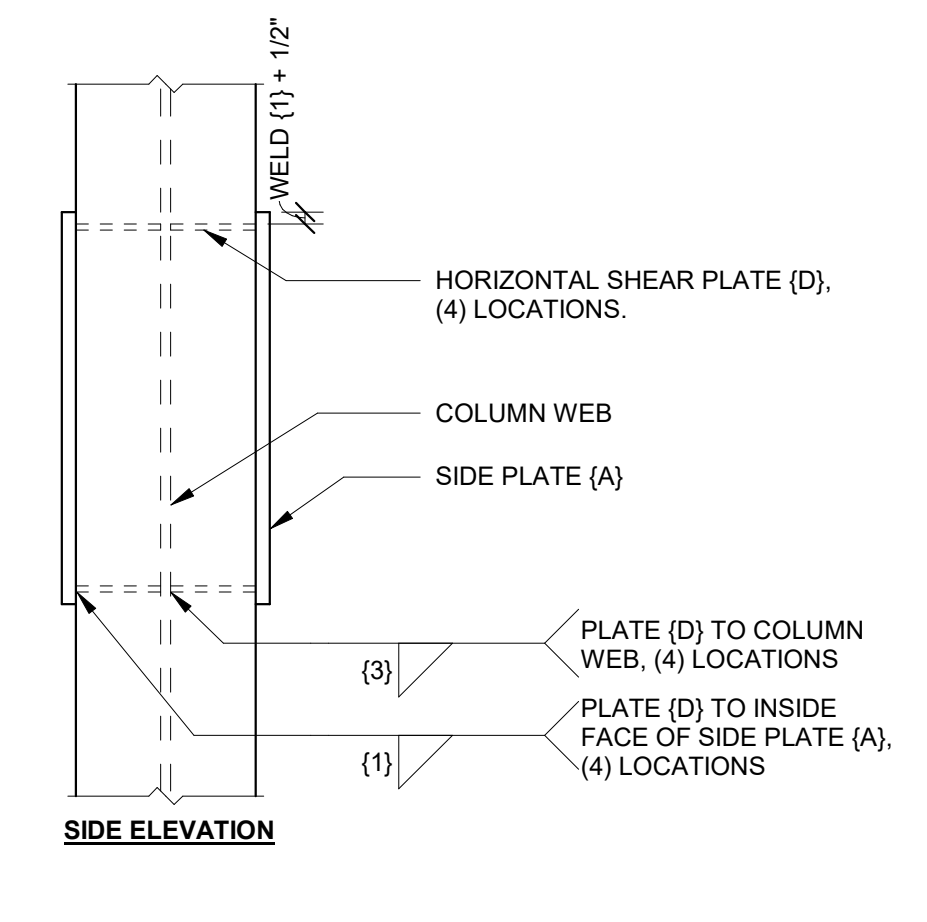
3 DECK SUPPORT DETAIL
 N.T.S.



10 DECK SUPPORT ANGLE DETAIL
 N.T.S.

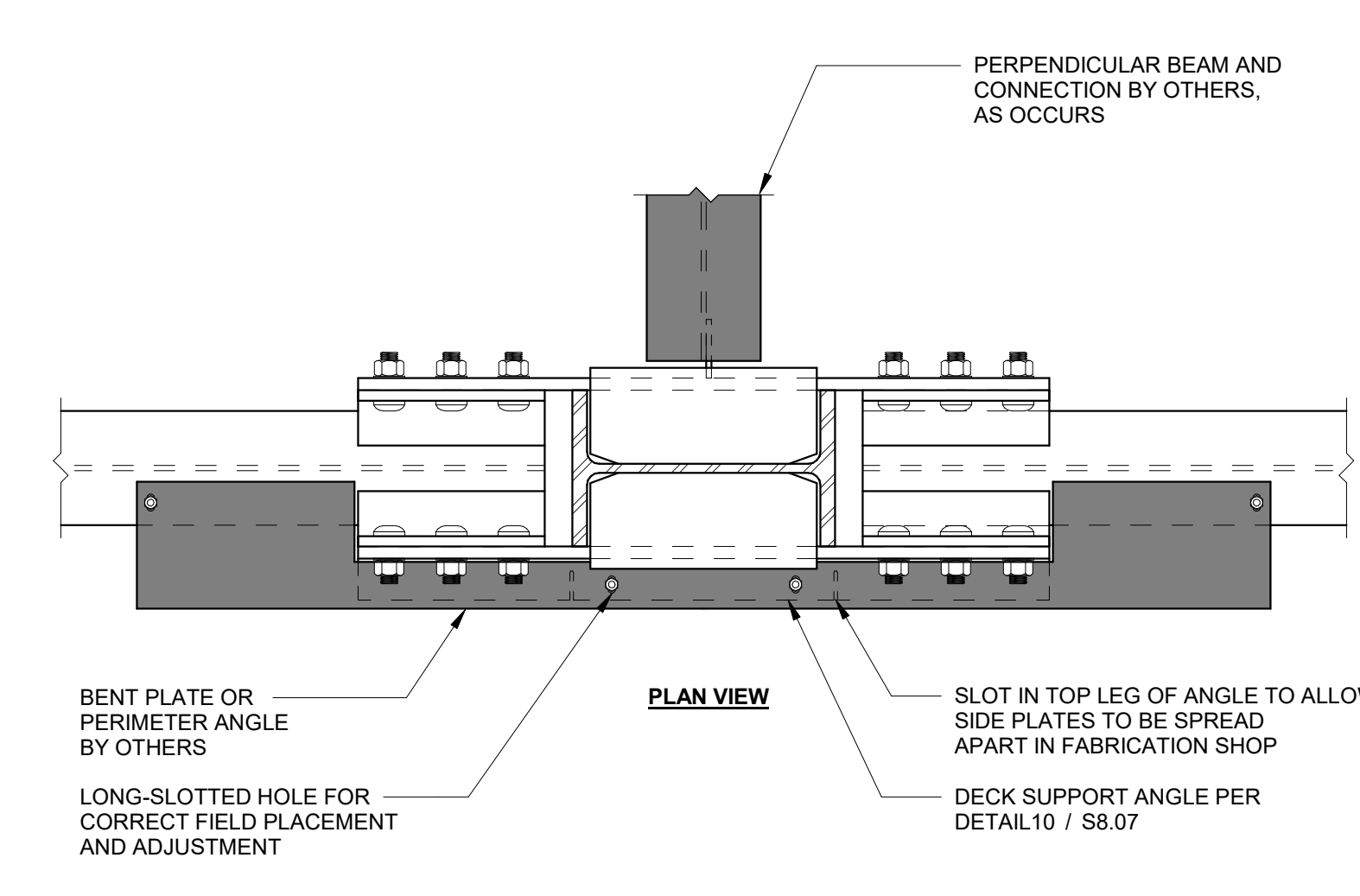


6 WELDED FLAT BAR DECK SUPPORT DETAIL
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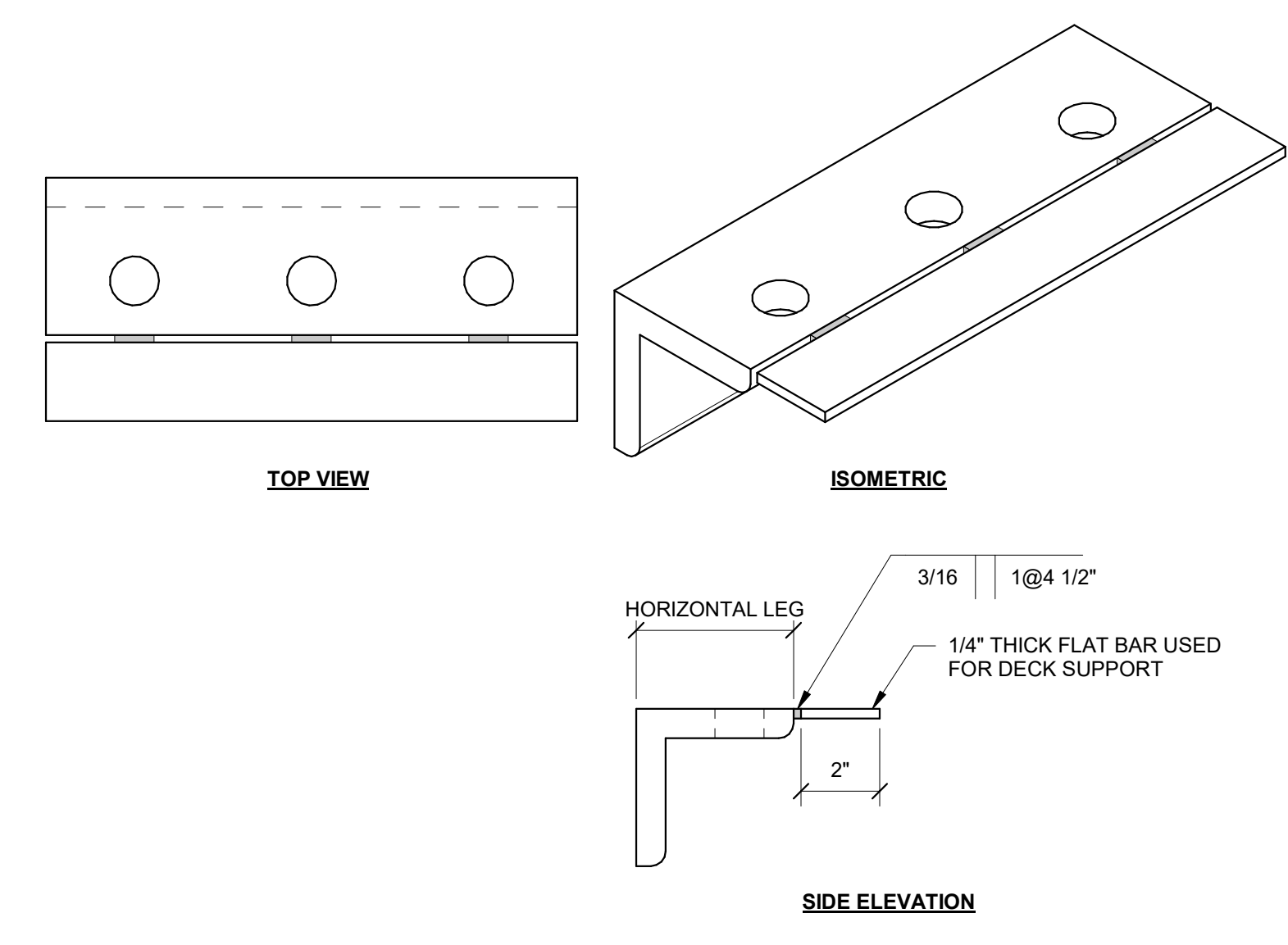


2 PLATE (D) ALTERNATE DETAIL
 N.T.S.

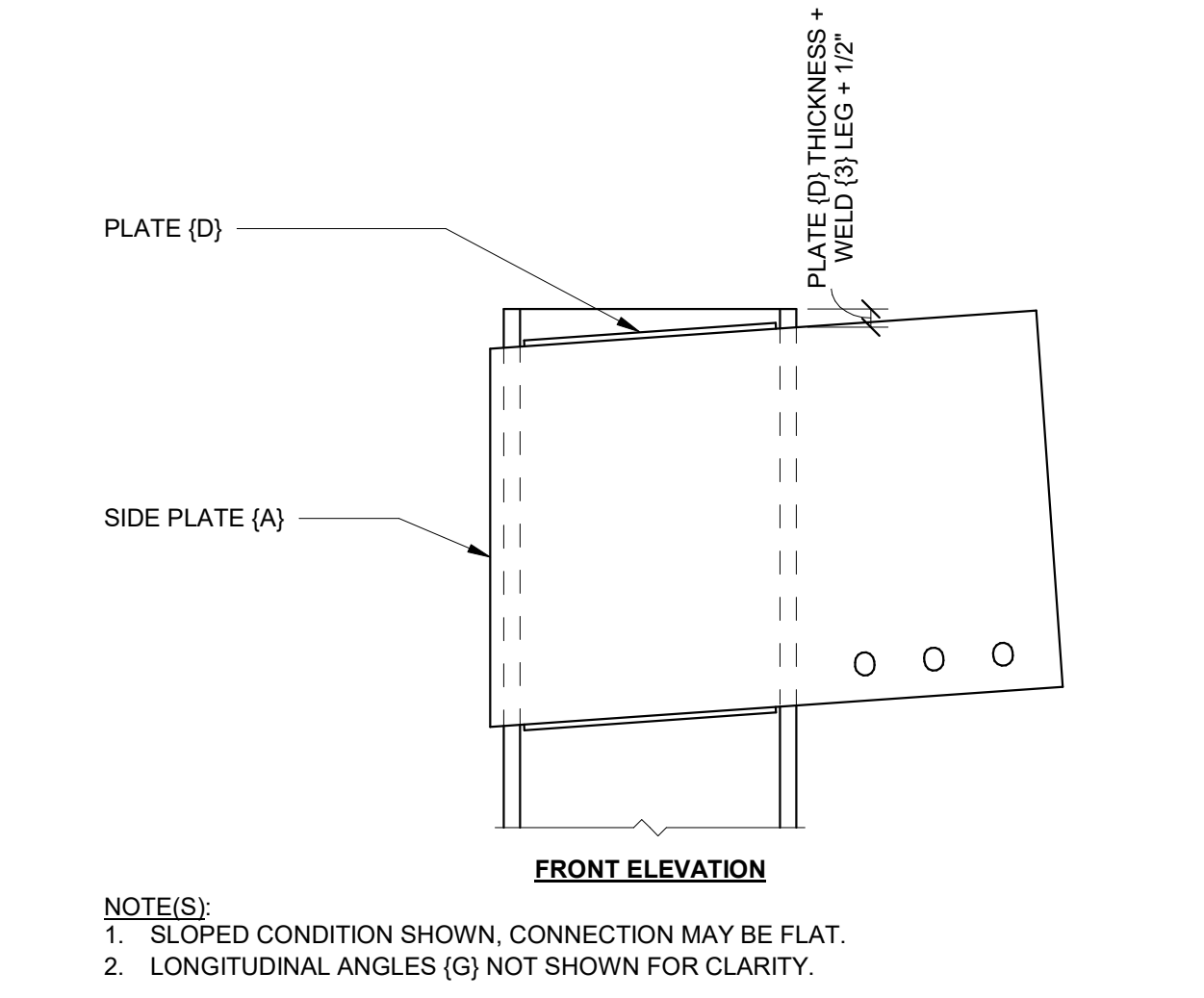
NOTE(S):
 1. LONGITUDINAL ANGLES (G) NOT SHOWN FOR CLARITY.



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



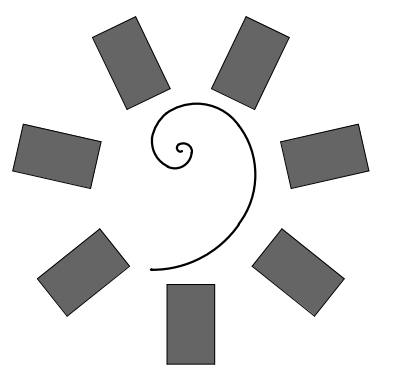
5 WELDED FLAT BAR TO ANGLE (G) FOR DECK SUPPORT
 N.T.S.



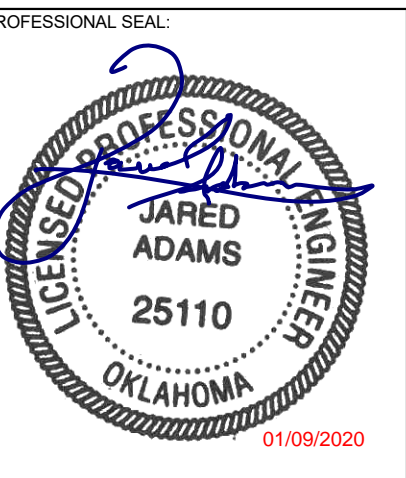
1 DISCONTINUOUS COLUMN DETAIL
 N.T.S.

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

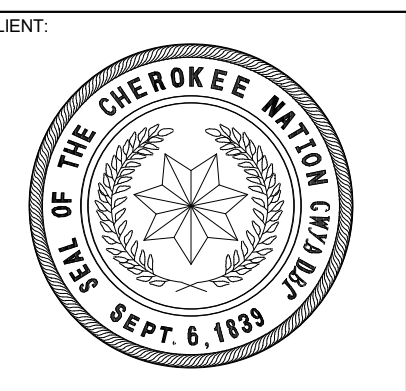
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WILMA P. MANKILLER HEALTH CENTER
 EXPANSION
 STILWELL, OKLAHOMA

KEY PLAN

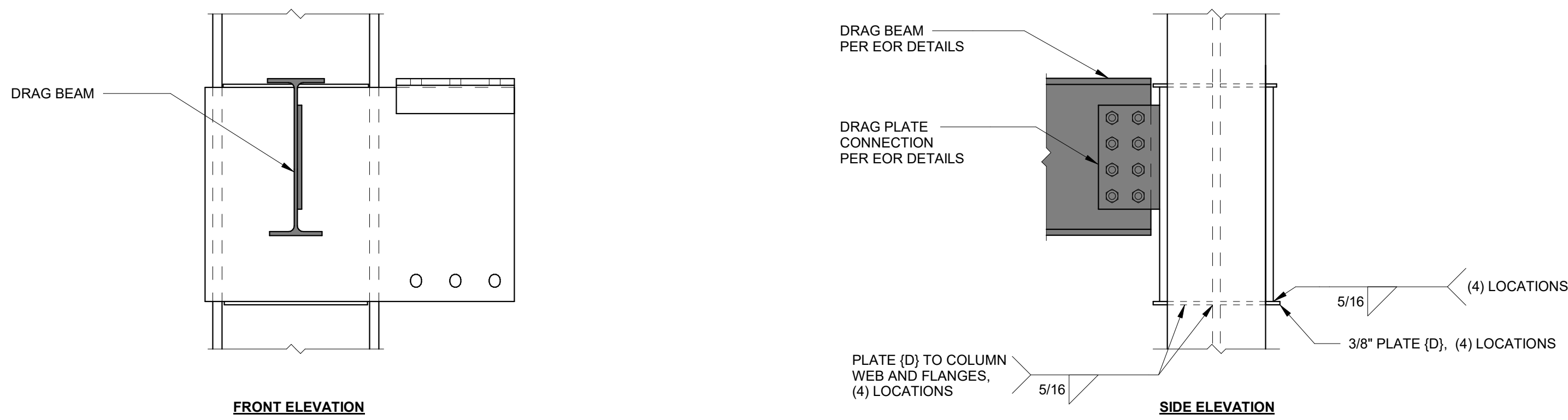
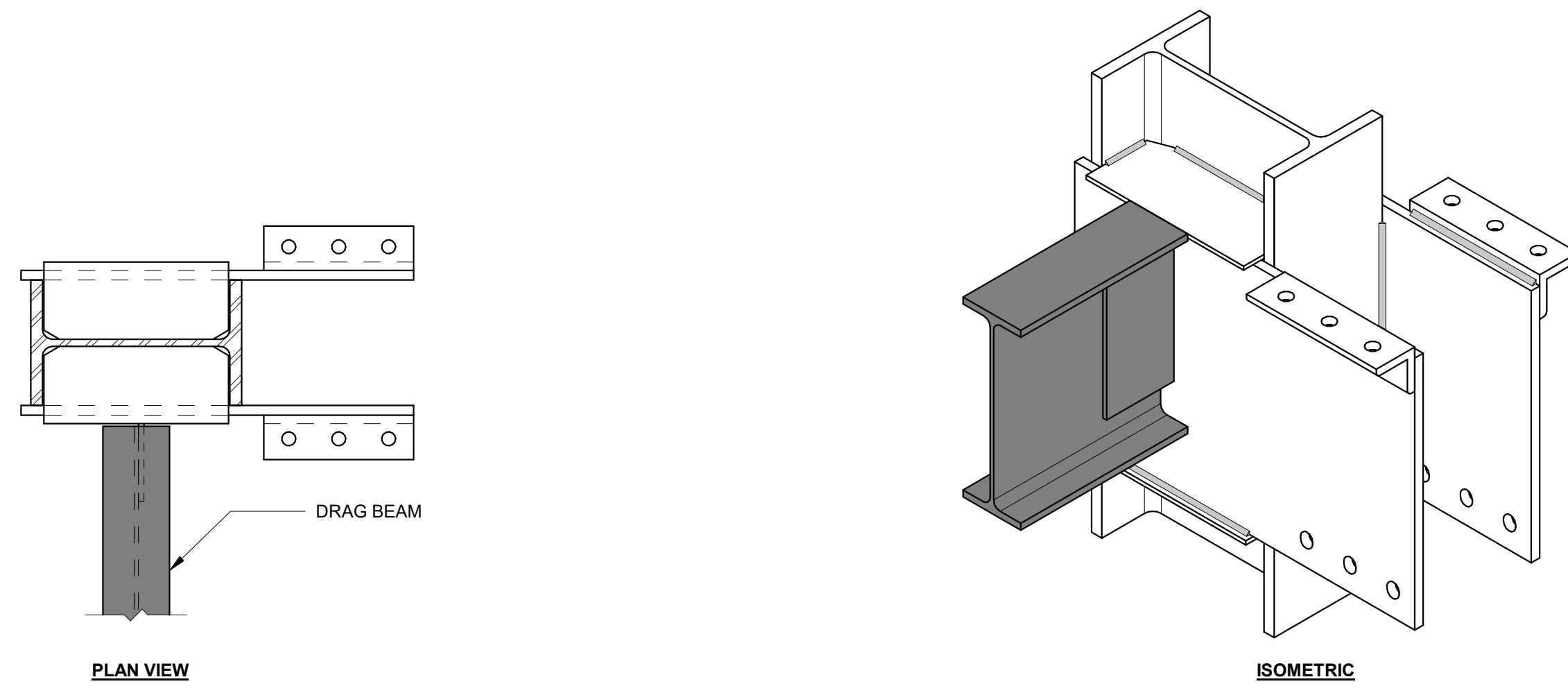
PROJECT PHASE
 STEEL DETAILS

#	DATE	REVISIONS DESCRIPTION

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

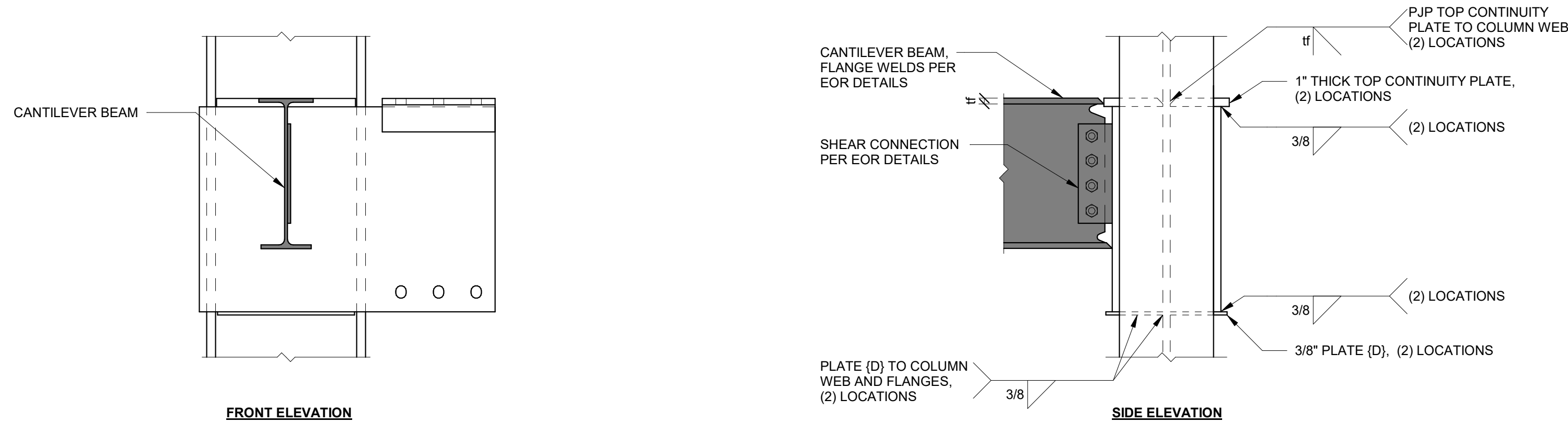
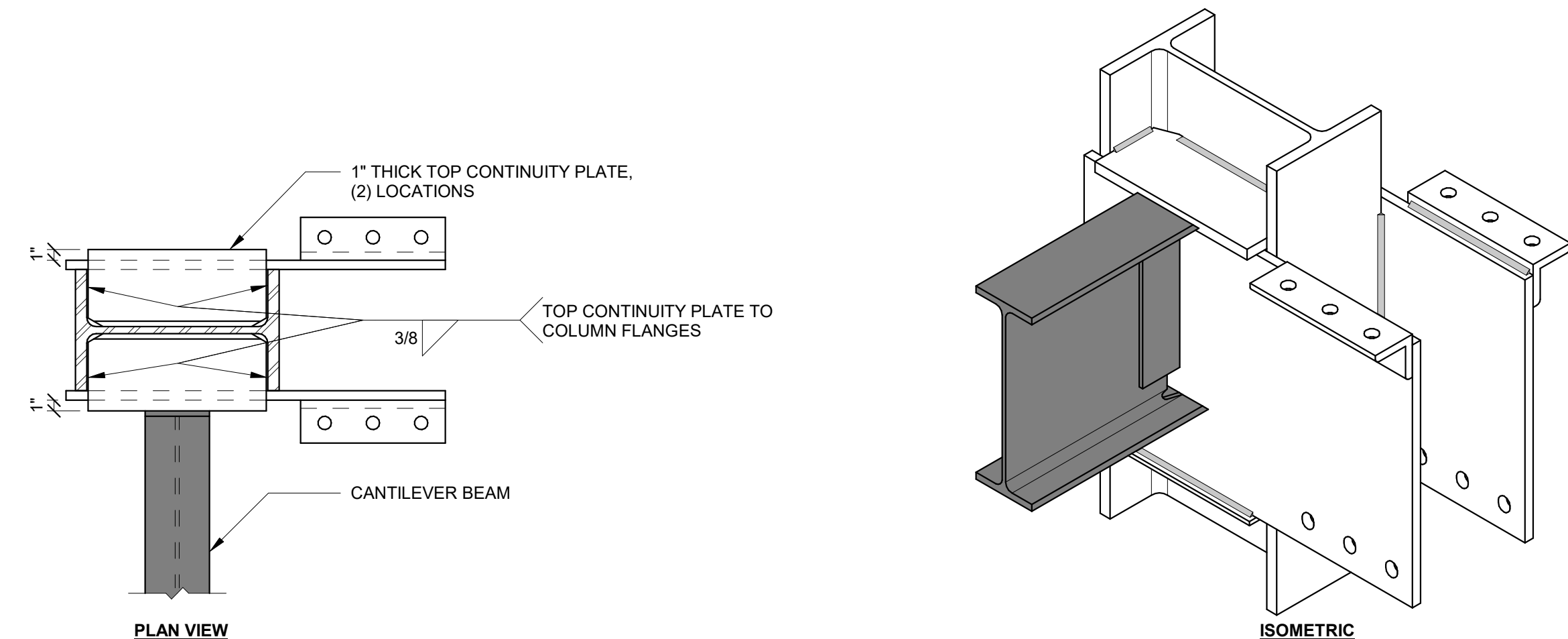
SHEET NUMBER:
S8.08

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