

DESIGN NOTES:

This is to certify that the following project has been designed in accordance with the 2018 IBC

for the following loads and deflections:

COMMON DATA:

Building Code = 2018 IBC
 Building Occupancy = II - Normal
 Wind Speed, Vult = 105.00 mph
 Wind Speed, Vasd = 81.33 mph
 Ground Snow, Pg = 5.0000 psf
 Roof Snow, Pf = 3.5000 psf
 Importance = 1.0000
 Seismic Design Category = A
 Importance = 1.0000
 Site Class = d
 Analysis Procedure = Equivalent Lateral Force

PROJECT DIMENSIONS					
PROJECT:	WIDTH (ft)	LENGTH (ft)	HEIGHT (ft)	PITCH	POROSITY & Cpi
A	68	62	21	2.0:12	Closed - (0.18/-0.18)
B	80	150	24	2.0:12	Closed - (0.18/-0.18)

PROJECT LOADING (Building Specific)					
PROJECT:	DEAD (psf)	LIVE (psf)	Coll. (psf)	SNOW (psf)	SNOW DRIFT
A	3.00	20.00	0.50	3.5000	47.36 psf and 12.93 ft
B	2.00	20.00	0.50	3.5000	

SEISMIC VALUES											
PROJECT	Ss	S1	Sds	Sd1	Cs (long.)	Cs (trans)	Long. SFRS	Trans. SFRS	R_long	R_trans	
A	0.1423	0.0354	0.1515	0.0560	0.051	0.051	OSMF	OSCBF	3	3	
B	0.1423	0.0354	0.1515	0.0560	0.051	0.051	OSMF	OSMF	3	3	

Drawing Status:

FOR APPROVAL:
THESE DRAWINGS, BY DEFINITION, ARE NOT FINAL, AND ARE FOR CONCEPTUAL USE ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED COMPLETE.

FOR PERMIT:
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FOR CONSTRUCTION:
FINAL DRAWINGS.

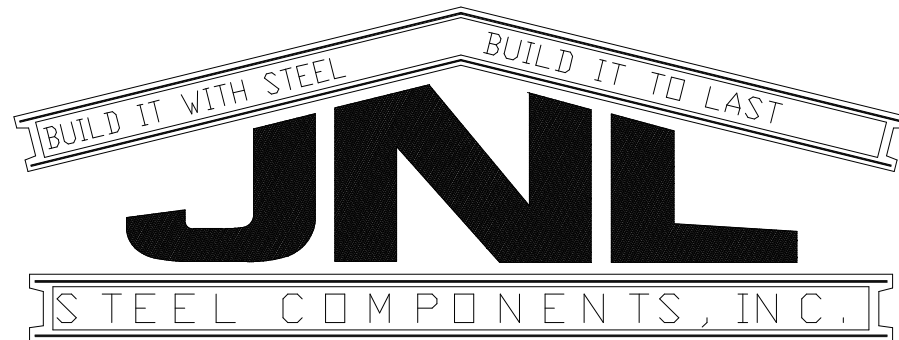
DRAWING INDEX	
PAGE ID	DESCRIPTION
C1 of 2	Drawing Cover
C2 of 2	General Notes
E1 - E5	Anchor Bolt Plan/Details
E6 - E7	Roof Framing/Sheeting
E8 - E11	Endwall Framing/Sheeting
E12 - E18	Sidewall Framing/Sheeting
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E35 - E35	Partition Walls
E36 - E37	Crane Drawings
E38 - E39	Mezzanine Drawings
---	Jack Beams
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E44 - E44	Wall/Roof Liner Panels
E45 - E49	Wind Brace
E50 - E51	Details

PANELS/INSULATION	
Roof Panels:	PBR
Roof Insulation:	VR Thick. 3 in.
Wall Panels:	PBR
Wall Insulation:	VR Thick. 3 in.

DEFLECTION LIMITS	
EW COLUMN	H/180
EW RAFTER	L/180
GIRT (live)	L/90
PURLIN (live)	L/180
PANEL (live)	L/60
FRAME COLUMN	H/60
FRAME RAFTER	L/180

BUILDING COLORS	
ROOF	Polar White
WALL	Polar White
EAVE	Black
RAKE	Black
JAMB	Black
CORNER	Black
BASE	Black
GUTTER	--

ADDITIONAL NOTES:



430 US Hwy 180 West Seminole, TX 79360
 (432) 758-9900 (432) 758-9903 (fax)

F-24823
 SEALED 01/17/2024

SALES PERSON: BOBBY

△		
△		
△		
△		
△		
REV.	DATE	REVISION

PURCHASER:
 PROJECT: MADISON
 JOB NUMBER: PB50637
 JOB ADDRESS:
 ODESSA, TX 79763

General Notes

This drawing, and all information contained within, remains the property of JNL Steel. The building shall be erected using members called out in this drawing.

In the event that the design changes, it is the responsibility of the contractor to ensure that a stamped letter from the sealing engineer is provided, giving the approval.

3000 psi concrete is assumed for all calculations involving concrete strength.

Anchor Bolts

The anchor bolt diameters are determined in accordance with AISC using A307 anchors. Anchor bolt lengths are to be determined by a foundation engineer, and as such, cannot be provided with the building. It is the responsibility of the erector to purchase anchor bolts separately and no liability will be placed on JNL Steel or the stamping engineer for incorrect anchor bolt lengths.

Field Work

Minimal field work is expected with erecting metal buildings. If a customer does not tell JNL where to place an opening, we will "field locate" the building and it is the erectors responsibility to drill holes in the girt and place the opening. All field welding should be done by a certified welder in accordance with AWS D1.1.

Structural Bolts

Bolts not subject to tension or vibration loads should only be snug tightened. Bolts in slotted connections should be hand tightened with the thread damaged afterwards to prevent nut from backing out. This allows for vertical deflection of the connecting member. ASTM A307 bolts are used for girt to frame, purlin to frame, and all flange bracing connections unless noted. ASTM A325 are used everywhere else unless noted. Threads are assumed in the shear plane.

Material Delivery

JNL will attempt to deliver the building on an agreed upon date. Sometimes, through un-foreseen events, this cannot be possible. JNL does not accept responsibility for costs associated with the customer renting personnel or equipment to unload the truck. Responsibility to unload the truck is placed on the customer, unless specifically stated in the contract.

Approval Drawings

Approval drawings are meant to show the erector general building geometry, framed opening locations, and clearances. If member sizes appear on drawings, they are not supposed to be taken as true size. Customer shall sign all pages of the approval drawings and return to JNL before building gets sent to stamping engineer. To ensure current pricing, approval drawings will need to be signed within (2) weeks of issue.

Contracts

Customer should review the contract thoroughly and make sure everything is clear and accounted for. Customer is responsible for supplying JNL with the appropriate design code. In the event that such data is not made available, customer should call the local building official. JNL or the stamping engineer will not be held liable for incorrect building codes. Building will not get sent to stamping engineer without a signed contract. Verbal confirmation over email, phone, or in-person will not be accepted.

Material Specifications

Hot Rolled: A992 Gr. 50

HSS: ASTM A500 Gr. 46

Built up Webs: A36

Built up Flanges: A529 Gr. 55

Cold Formed: ASTM A1011 Gr. 55

Diagonal Rod brace yield stress is 36 ksi

Bracing: Steel cable is extra high strength per ASTM A475

Bolts: Primary member bolts conform to ASTM A325(U.N.)
Secondary member bolts conform to ASTM A307 (U.N.)

Material Storage

Panels should be placed off the ground and sloped enough to provide good drainage. Board should be placed at close enough intervals to prevent the panels from sagging and resulting in water accumulation. Galvanized, and colored materials are subject to corrosion and discoloration if stored improperly.

Bracing

Bracing is an integral part of the building system. All bracing should be installed taut and free of slack. Walls utilizing panel shear should have temporary bracing until all panels are installed. During erection, contractor should install temporary bracing to provide stability, and help square the building. Do not remove bracing due to "inconvenience". If bracing needs to be moved/removed, contact a licensed professional for approval.



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SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT

PB50637

MADISON

ODESSA, TX 79763

SHEET NAME/TITLE

General Notes

DRAWN BY

DATE

BN

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DATE

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DATE

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SHEET NO.

REV.

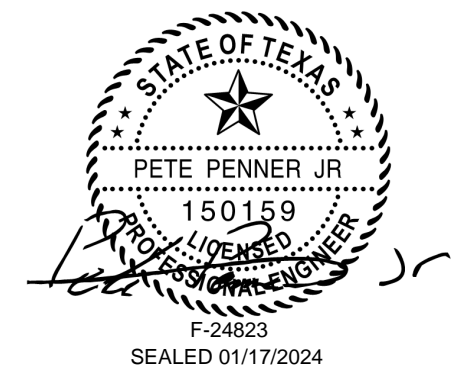
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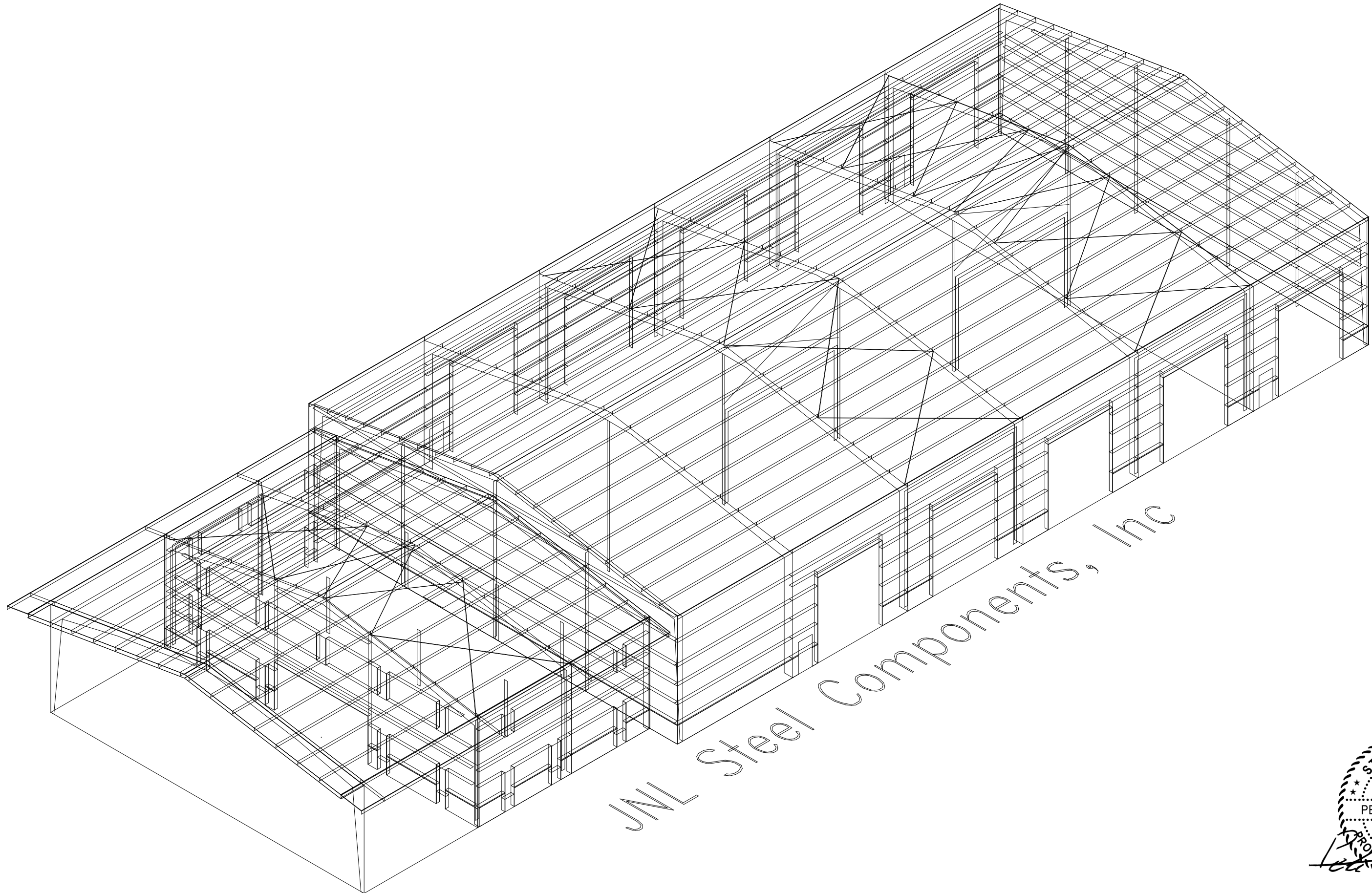
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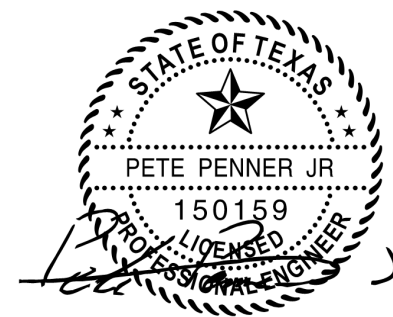
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JNL Steel Components, Inc

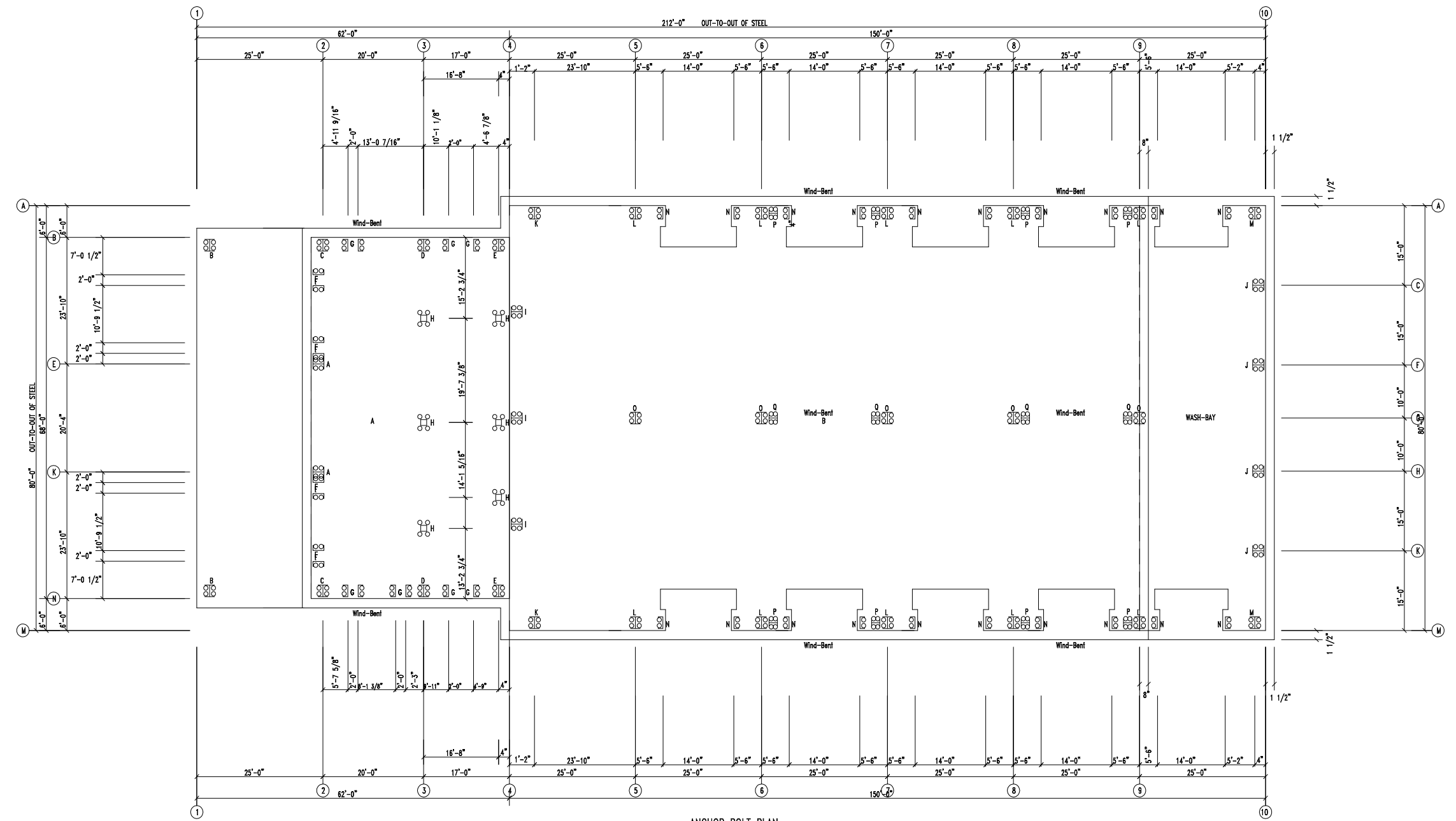


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ALL COLUMNS TO BE AT FINISH FLOOR HEIGHT



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ANCHOR BOLT PLAN

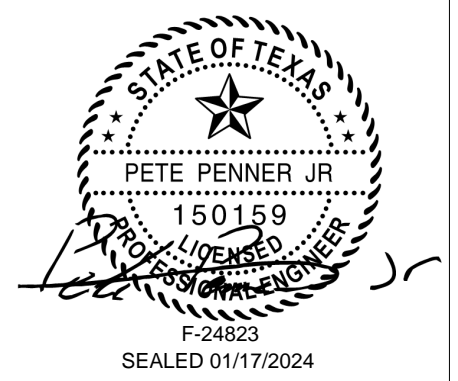
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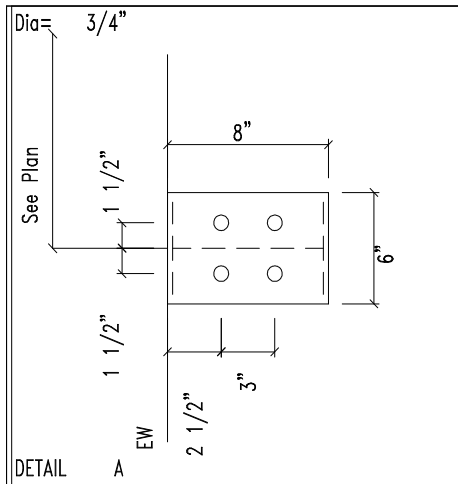
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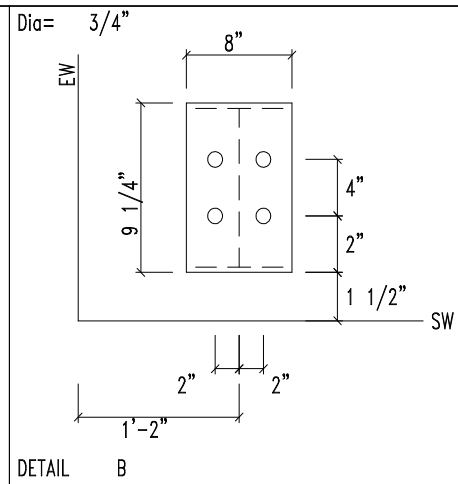
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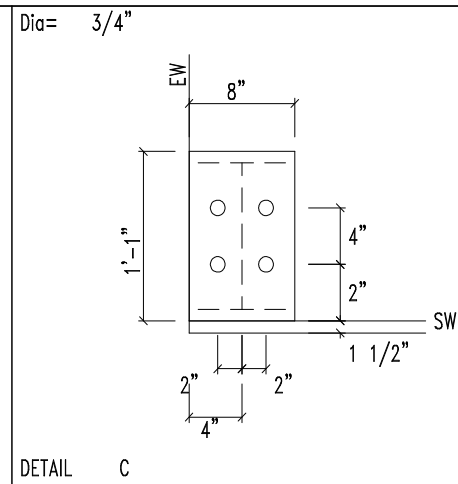




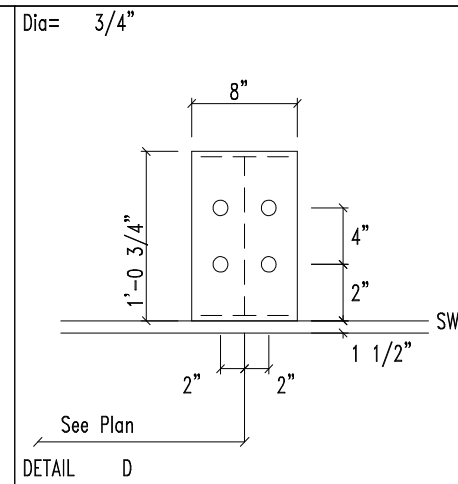
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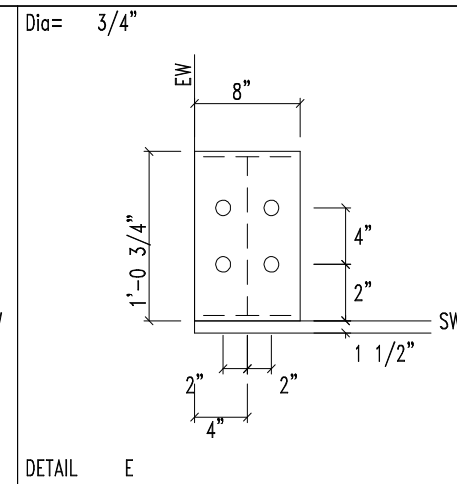
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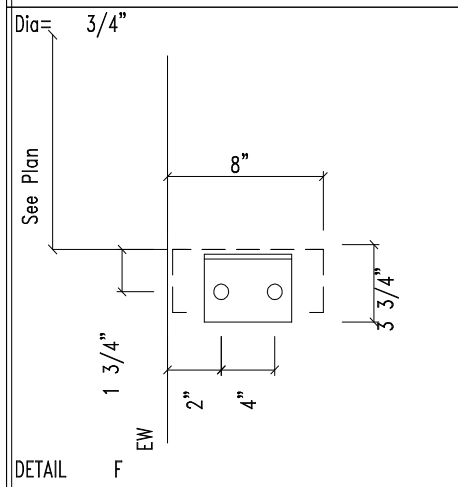
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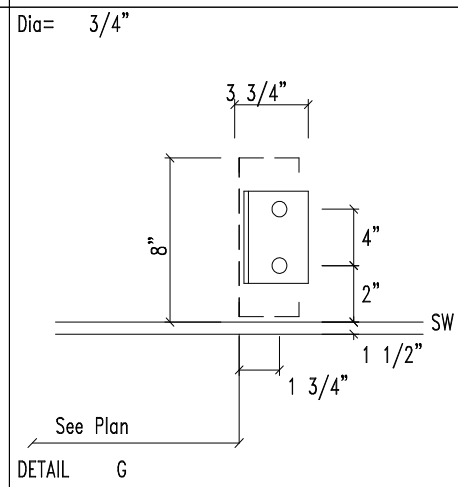
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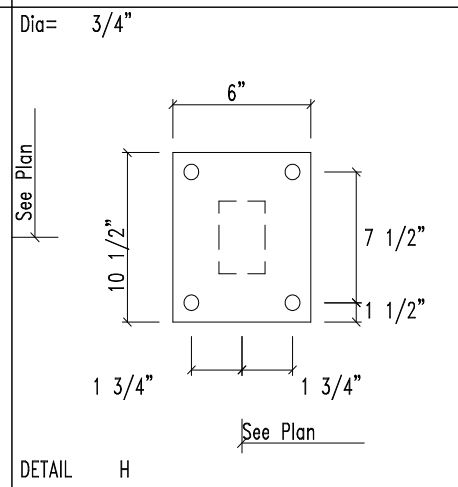
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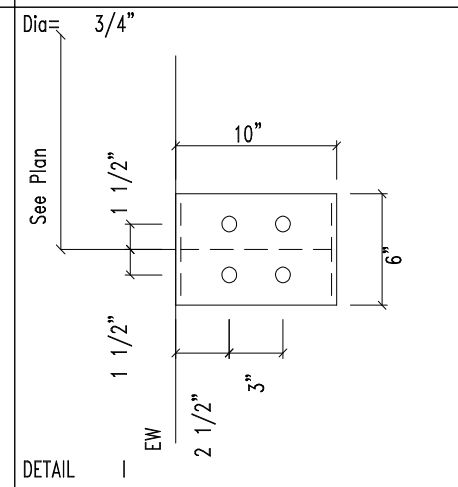
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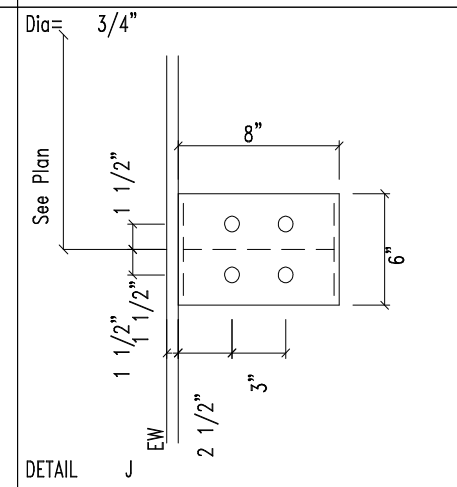
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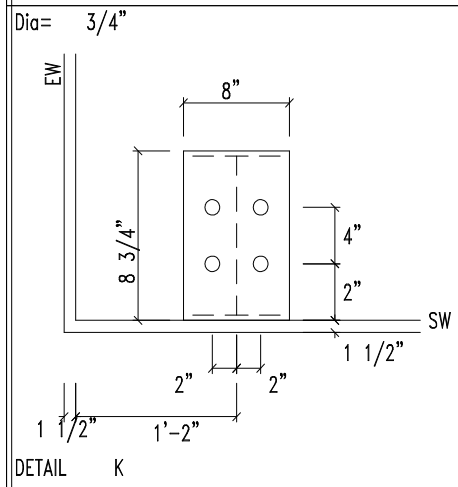
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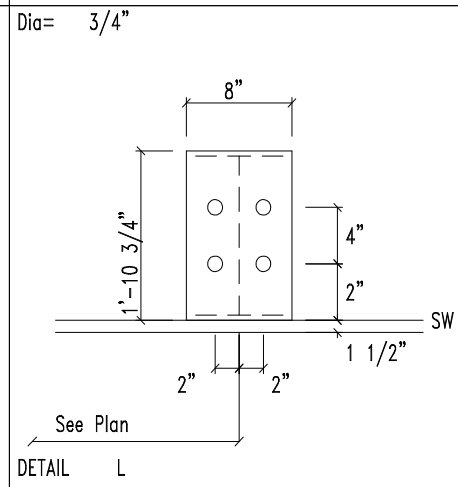
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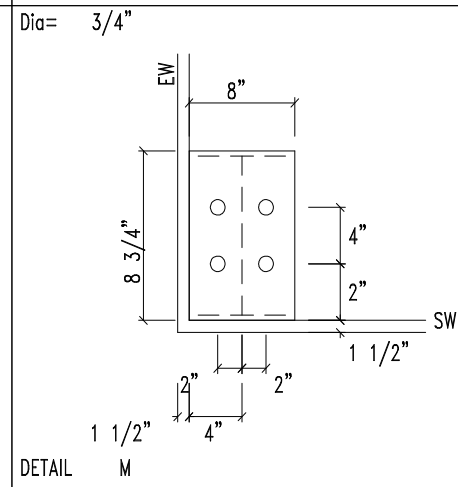
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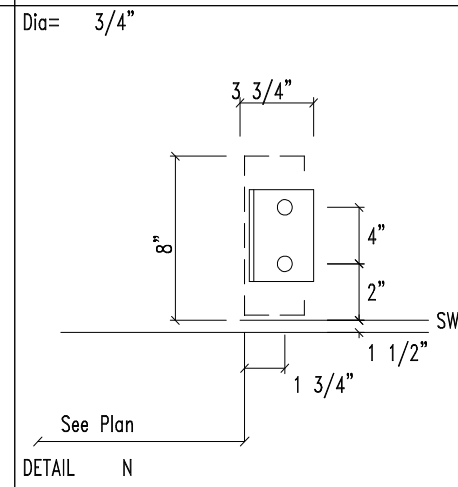
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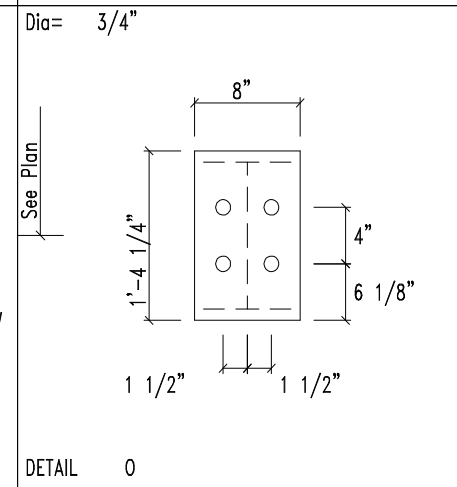
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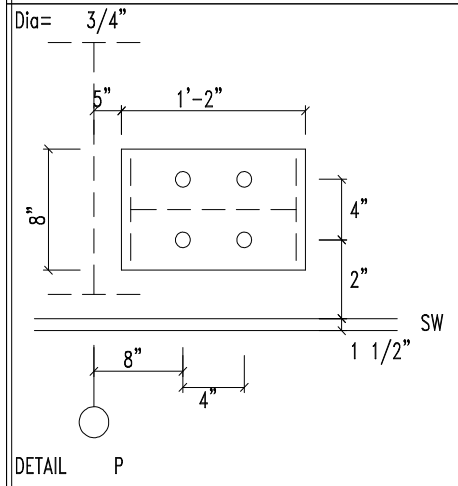
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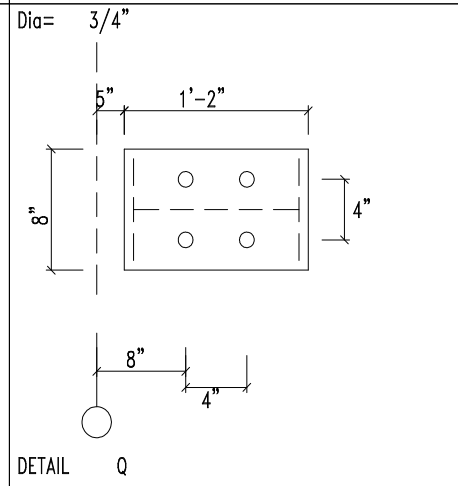
DETAIL N



DETAIL O



DETAIL P



DETAIL Q



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ANCHOR BOLT DETAILS

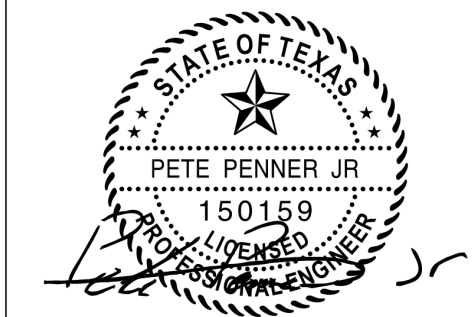
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CHECKED BY: BN DATE: 1/12/24

APPROVED BY: DATE: 1/12/24

SHEET NO. REV. SCALE
E2 of 51 -- NTS

REVISIONS			
NO.	NOTES	BY	DATE
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F-24823
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ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Collat Vert	Floor Live Vert	Wind Press Horz	Wind Suct Horz	Seis Long Horz
2	E	4.4	1.3	17.9	-4.4	4.8	0.1
2	K	4.4	1.3	17.9	-4.4	4.8	0.1

ENDWALL COLUMN: MAXIMUM REACTIONS

Frm Line	Col Line	Load Id	Hmax H	Column_Reactions(k) V Vmax	Load Id	Hmin H	V Vmin
2	E	14	2.9	2.7	15	-2.6	2.7
		9	0.0	23.7			
2	K	14	2.9	2.7	15	-2.6	2.7
		9	0.0	23.7			

ENDWALL COLUMN: MAXIMUM REACTIONS

Frm Line	Col Line	Load Id	Hmax H	Column_Reactions(k) V Vmax	Load Id	Hmin H	V Vmin
2	E	14	2.9	2.7	15	-2.6	2.7
		9	0.0	23.7			
2	K	14	2.9	2.7	15	-2.6	2.7
		9	0.0	23.7			

NOTES FOR REACTIONS

- All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
- Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
- Bracing reactions are in the plane of the brace with the H pointing away from the braced bay. The vertical reaction is downward.
- Building reactions are based on the following building data:
 - Width (ft) = 68.0
 - Length (ft) = 62.0
 - Eave Height (ft) = 21.0/ 21.0
 - Roof Slope (rise/run) = 2.0/ 2.0
 - Dead Load (psf) = 3.0
 - Collateral Load (psf) = 0.5
 - Roof Live Load (psf) = 20.0
 - Frame Live Load
 - Min (psf) = 12.0
 - Max (psf) = 12.2
 - Snow Load (psf) = 3.5
 - Wind Speed (mph) = 105.0
 - Wind Code = IBC 18
 - Exposure = C
 - Closure = Enclosed
 - Importance Wind = 1.00
 - Importance Seismic = 1.00
 - Seismic Zone = A
 - Seismic Coeff (Fa/Sa) = 0.23

5. Loading conditions are:
- 1 Dead+Collateral+Snow+Snow_Drift
 - 2 Dead+Collateral+0.75Live+0.45Wind_Long2R
 - 3 0.6Dead+0.6Wind_Left1
 - 4 0.6Dead+0.6Wind_Right1
 - 5 0.6Dead+0.6Wind_Left2
 - 6 0.6Dead+0.6Wind_Right2
 - 7 0.6Dead+0.6Wind_Long1L
 - 8 0.6Dead+0.6Wind_Long2L
 - 9 Dead+Collateral+Floor_Live
 - 10 Dead+Collateral+0.75Live+0.75Floor_Live
 - 11 Dead+Collateral+0.75Snow+0.75Snow_Drift+0.75Floor_Live
 - 12 Dead+Collateral+0.75Live+0.45Wind_Left2+0.75Floor_Live
 - 13 Dead+Collateral+0.75Live+0.45Wind_Right2+0.75Floor_Live
 - 14 0.6Dead+0.6Wind_Right2+0.6Wind_Suction
 - 15 0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L

ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)	Type	Proj (ft)
36	Jamb	3/4"	A307	2.50
8	Endwall	3/4"	A307	2.50
32	Frame	3/4"	A307	2.50
24	Floor	3/4"	A307	2.50

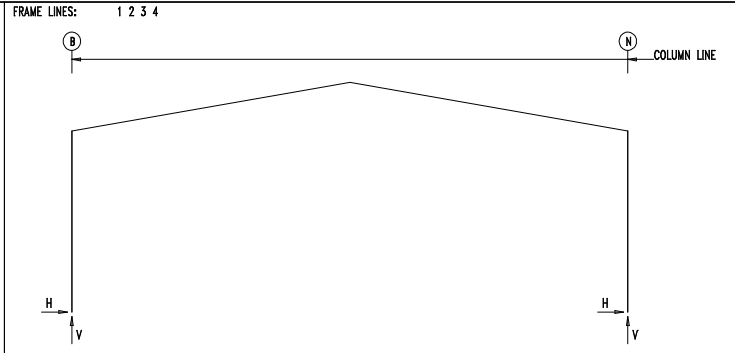
BUILDING BRACING REACTIONS

Loc	Wall Line	Col Line	± Reactions(k)			Panel Shear (lb/ft)	Notes
			Wind Horz	Wind Vert	Seismic	Wind	Seis
L_EW	1						(b)
F_SW	N	2,3	3.4	6.7	0.5	0.9	(b)
R_EW	4						(b)
B_SW	B	2,3	3.4	6.7	0.5	0.9	(b)

(b) Wind bent in bay, base above finish floor
 (b) Rigid frame at endwall
 Reactions for seismic represent shear force, Eh

FLOOR COLUMN REACTIONS

Frame Line	Col Line	Max_Vert Ld (k)	Dead Vert (k)	Coll Vert (k)	Live Vert (k)	Anc_Bolt Qty	Base Plate (in) Dia	Width	Length	Thick	Crout (in)	
3	Ø15.2	9	36.0	6.2	2.1	27.7	4	0.750	6.000	10.50	0.625	0.0
3	Ø34.8	9	37.7	6.5	2.2	29.0	4	0.750	6.000	10.50	0.750	0.0
3	Ø54.8	9	33.8	5.8	2.0	26.0	4	0.750	6.000	10.50	0.625	0.0
4	Ø15.2	9	17.8	3.2	1.0	13.6	4	0.750	6.000	10.50	0.500	0.0
4	Ø34.8	9	14.4	2.6	0.8	11.0	4	0.750	6.000	10.50	0.500	0.0
4	Ø49.0	9	16.5	3.0	0.9	12.6	4	0.750	6.000	10.50	0.500	0.0



RIGID FRAME: MAXIMUM REACTIONS

Frm Line	Col Line	Load Id	Hmax H	Column_Reactions(k) V Vmax	Load Id	Hmin H	V Vmin
1	B	2	5.7	12.7	5	-3.7	-8.0
		6	3.7	-6.0	2	-2.9	-7.6
1	N	2	-5.7	12.7	5	2.9	-7.6

RIGID FRAME: MAXIMUM REACTIONS

Frm Line	Col Line	Load Id	Hmax H	Column_Reactions(k) V Vmax	Load Id	Hmin H	V Vmin
2	B	4	3.8	-3.5	12	-3.0	17.3
		10	-1.9	23.6	7	1.5	-7.5
2	N	13	3.0	17.3	3	-3.8	-3.5
		10	1.9	23.6	8	-1.5	-7.5

RIGID FRAME: MAXIMUM REACTIONS

Frm Line	Col Line	Load Id	Hmax H	Column_Reactions(k) V Vmax	Load Id	Hmin H	V Vmin
3	B	4	3.0	-1.9	12	-2.8	16.1
		10	-1.6	20.6	7	1.7	-7.1
3	N	13	2.8	15.5	3	-3.0	-2.0
		10	1.6	20.0	8	-1.7	-7.2

RIGID FRAME: MAXIMUM REACTIONS

Frm Line	Col Line	Load Id	Hmax H	Column_Reactions(k) V Vmax	Load Id	Hmin H	V Vmin
4	B	4	1.6	-1.0	1	-2.4	12.8
		11	-1.8	15.8	3	-0.5	-3.0
4	N	1	2.4	15.3	3	-1.6	-0.8
		11	1.8	15.6	4	0.5	-2.7

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	---Dead---	---Collateral---	---Live---	---Floor---	---Snow---	---Wind_Left1---	---Wind_Right1---	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
1	B	1.3	3.2	0.2	0.4	3.9	9.0	1.2	2.4
1	N	-1.3	3.2	-0.2	0.4	-3.9	9.0	-1.2	2.4
1	B	-7.4	-13.2	-6.1	-15.9	-6.7	-12.3	2.8	5.2
1	N	6.1	-15.9	7.4	-13.2	6.7	-12.3	-2.8	5.2
1	B	1.7	3.5	1.3	2.8	1.3	1.7		
1	N	-1.7	3.5	-1.3	1.7	-1.3	2.8		
2	B	-0.6	6.2	-0.1	1.2	-1.8	11.0	-0.1	10.6
2	N	0.6	6.2	0.1	1.2	1.8	11.0	0.1	10.6
2	B	7.0	-12.0	-2.5	-14.0	5.7	-11.8	-2.7	-17.8
2	N	1.1	-18.4	-5.7	-11.8	2.4	-14.0	-2.7	-17.8
2	B	0.7	0.3	0.0	-0.9	-0.8	4.2	-0.7	3.4
2	N	0.7	-0.3	0.0	-0.9	0.8	4.2	0.7	3.4
3	B	-0.5	5.4	-0.1	1.1	-1.5	9.1	0.1	9.6
3	N	0.5	5.3	0.1	1.0	1.5	9.1	-0.1	9.1
3	B	-1.2	-14.4	5.5	-8.6	-2.7	-10.0	4.0	-4.2
3	N	-5.5	-8.6	1.2	-14.4	-4.0	-4.2	2.7	-10.0
3	B	-1.0	-0.4	1.0	0.4	-0.8	3.5	-0.5	2.8
3	N	-0.9	0.4	0.9	-0.4	0.8	3.5	0.5	2.8
4	B	-0.3	3.2	0.0	0.5	-0.8	4.4	0.1	4.4
4	N	0.3	3.6	0.0	0.6	0.8	4.4	-0.1	6.1
4	B	-0.4	-8.1	3.0	-4.9	-1.2	-6.1	1.9	-5.9
4	N	-3.0	-4.9	0.4	-8.1	-2.3	-2.8	1.2	-6.1
4	B	-0.5	-0.2	0.5	0.2	-0.3	1.7	-0.3	1.4
4	N	-0.5	0.2	0.5	-0.2	0.3	1.7	0.3	1.4



432-758-9900
 430 US HWY 180 W
 SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
 PB50637
 MADISON
 ODESSA, TX 79763

SHEET NAME/TITLE
 ANCHOR BOLT REACTIONS

DRAWN BY: BN DATE: 1/12/24

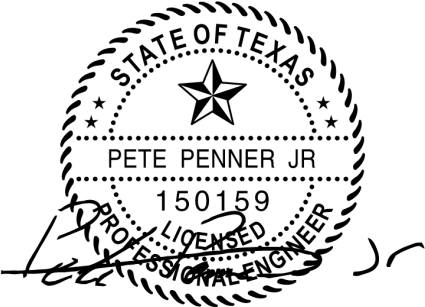
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SHEET NO. REV. SCALE
 E3 of 51 -- NTS

REVISIONS

NO.	NOTES	BY	DATE
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F-24823
 SEALED 01/17/2024

RIGID FRAME:		BASIC COLUMN REACTIONS (k)																	
Frame Line	Column Line	---Dead---			---Collateral---			---Live---			---Snow---			---Wind_Left1---			---Wind_Right1---		
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert		
4	A	0.9	2.2	-0.1	0.3	3.1	6.3	0.9	1.8	-1.7	-12.1	-1.6	-8.1	-1.6	-8.1	-1.6	-8.1		
4	M	-0.9	2.2	-0.1	0.3	-3.1	6.3	-0.9	1.8	1.7	-12.1	1.6	-8.1	1.6	-8.1	1.6	-8.1		
4	G	0.9	2.2	-0.1	0.3	3.1	6.3	0.9	1.8	-1.7	-12.1	-1.6	-8.1	-1.6	-8.1	-1.6	-8.1		

RIGID FRAME:		MAXIMUM REACTIONS							
Frame Line	Col Line	Load Id	Hmax	Vmax	Load Id	Hmin	Vmin		
10	A	1	4.0	8.5	2	-3.9	-5.8		
10	M	3	3.9	-5.8	1	-4.0	8.5		

ENDWALL COLUMN:		BASIC COLUMN REACTIONS (k)							
Frame Line	Col Line	Dead	Wind Press	Wind Suct	Seis Long	Seis Short			
4	D	0.4	-4.6	5.1	0.1	0.1	0.1	0.1	
4	G	0.4	-4.6	5.1	0.1	0.1	0.1	0.1	

ENDWALL COLUMN:		MAXIMUM REACTIONS							
Frame Line	Col Line	Load Id	Hmax	Vmax	Load Id	Hmin	Vmin		
4	D	29	3.1	0.3	30	-2.8	0.3		
4	G	29	3.5	0.3	30	-3.1	0.3		

NOTES FOR REACTIONS

- All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
- Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
- Bracing reactions are in the plane of the brace with the H pointing away from the braced bay. The vertical reaction is downward.
- Building reactions are based on the following building data:
 - Width (ft) = 80.0
 - Length (ft) = 150.0
 - Eave Height (ft) = 24.0/24.0
 - Roof Slope (rise/12) = 2.0/12.0
 - Dead Load (psf) = 2.0
 - Collateral Load (psf) = 0.5
 - Roof Live Load (psf) = 20.0
 - Frame Live Load (psf) = 12.0
 - Snow Load (psf) = 3.5
 - Wind Speed (mph) = 105.0
 - Wind Code = IBC 18
 - Exposure = C
 - Closure = Enclosed
 - Importance Wind = 1.00
 - Importance Seismic = 1.00
 - Seismic Zone = A
 - Seismic Coeff (Fa/Ss) = 0.25
- Loading conditions are:
 - Dead+Collateral+Live
 - 0.6Dead+0.6Wind_Left1
 - 0.6Dead+0.6Wind_Right1
 - 0.6Dead+0.6Wind_Left2
 - 0.6Dead+0.6Wind_Right2
 - 0.6Dead+0.6Wind_Long2L
 - 1.02Dead+1.02Collateral+0.52Seismic_LongR
 - Dead+Collateral+F2CRANE2
 - Dead+Collateral+F2CRANE3
 - Dead+0.75Snow+0.3Wind_Left1+0.75Side_Snow+0.75F2CRANE1
 - Dead+0.75Snow+0.3Wind_Right1+0.75Side_Snow+0.75F2CRANE4
 - Dead+Collateral+F3CRANE2
 - Dead+Collateral+F3CRANE3
 - Dead+0.75Snow+0.3Wind_Left1+0.75Side_Snow+0.75F3CRANE1
 - Dead+0.75Snow+0.3Wind_Right1+0.75Side_Snow+0.75F3CRANE4
 - Dead+Collateral+F4CRANE2
 - Dead+Collateral+F4CRANE3
 - Dead+0.75Snow+0.3Wind_Left1+0.75Side_Snow+0.75F4CRANE1
 - Dead+0.75Snow+0.3Wind_Right1+0.75Side_Snow+0.75F4CRANE4
 - Dead+Collateral+F6CRANE2
 - Dead+Collateral+F6CRANE3
 - Dead+0.75Snow+0.3Wind_Left1+0.75Side_Snow+0.75F6CRANE1
 - Dead+0.75Snow+0.3Wind_Right1+0.75Side_Snow+0.75F6CRANE4
 - Dead+Collateral
 - 0.6Dead+0.6Wind_Right2+0.6Wind_Suction
 - 0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L

FRAME LINES: 4 10

FRAME LINES: 5 6 7 8 9

RIGID FRAME:		MAXIMUM REACTIONS							
Frame Line	Col Line	Load Id	Hmax	Vmax	Load Id	Hmin	Vmin		
4	A	1	4.2	8.7	2	-4.1	-6.0		
4	M	3	4.1	-6.0	1	-4.2	8.7		

RIGID FRAME:		MAXIMUM REACTIONS							
Frame Line	Col Line	Load Id	Hmax	Vmax	Load Id	Hmin	Vmin		
5	A	11	3.5	5.5	4	-4.2	-3.1		
5	M	8	2.4	26.6	2	-3.4	-5.7		
5	G	5	4.2	-3.1	10	-3.5	5.5		
5	G	9	-2.4	26.6	3	3.4	-5.7		
5	G	28	1.7	31.7	28	-1.7	31.7		
5	G	28	1.4	52.8	2	-0.6	-6.5		

RIGID FRAME:		MAXIMUM REACTIONS							
Frame Line	Col Line	Load Id	Hmax	Vmax	Load Id	Hmin	Vmin		
6	A	15	3.6	6.4	4	-4.2	-2.6		
6	M	12	2.4	27.6	2	-3.3	-5.4		
6	G	5	4.2	-2.6	14	-3.6	6.4		
6	G	13	-2.4	27.6	3	3.3	-5.4		
6	G	28	1.7	33.7	28	-1.7	33.7		
6	G	28	1.4	54.7	6	-0.5	-7.8		

RIGID FRAME:		MAXIMUM REACTIONS							
Frame Line	Col Line	Load Id	Hmax	Vmax	Load Id	Hmin	Vmin		
7	A	19	3.6	6.4	4	-4.2	-2.6		
7	M	16	2.4	27.6	2	-3.3	-5.4		
7	G	5	4.2	-2.6	18	-3.6	6.4		
7	G	17	-2.4	27.6	3	3.3	-5.4		
7	G	28	1.7	33.7	28	-1.7	33.7		
7	G	28	1.4	54.7	6	-0.5	-7.8		

RIGID FRAME:		MAXIMUM REACTIONS							
Frame Line	Col Line	Load Id	Hmax	Vmax	Load Id	Hmin	Vmin		
8	A	23	3.6	6.4	4	-4.2	-2.6		
8	M	20	2.4	27.6	2	-3.3	-5.4		
8	G	5	4.2	-2.6	22	-3.6	6.4		
8	G	21	-2.4	27.6	3	3.3	-5.4		
8	G	28	1.7	33.7	28	-1.7	33.7		
8	G	28	1.4	54.7	6	-0.5	-7.8		

RIGID FRAME:		MAXIMUM REACTIONS							
Frame Line	Col Line	Load Id	Hmax	Vmax	Load Id	Hmin	Vmin		
9	A	27	3.5	5.5	4	-4.2	-3.2		
9	M	24	2.4	26.6	2	-3.5	-5.8		
9	G	5	4.2	-3.2	26	-3.5	5.5		
9	G	25	-2.4	26.6	3	3.5	-5.8		
9	G	28	1.7	31.8	28	-1.7	31.8		
9	G	28	1.4	52.8	6	-0.6	-8.5		

ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)	Type	Proj (in)
40	Jamb	3/4"	A307	2.50
28	Endwall	3/4"	A307	2.50
76	Frame	3/4"	A307	2.50
48	WindCol	3/4"	A307	2.50



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MADISON

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SHEET NAME/TITLE
ANCHOR BOLT REACTIONS

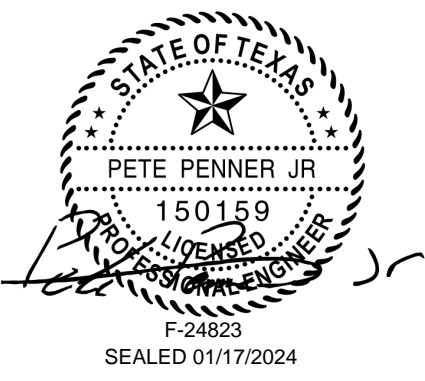
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REVISIONS			
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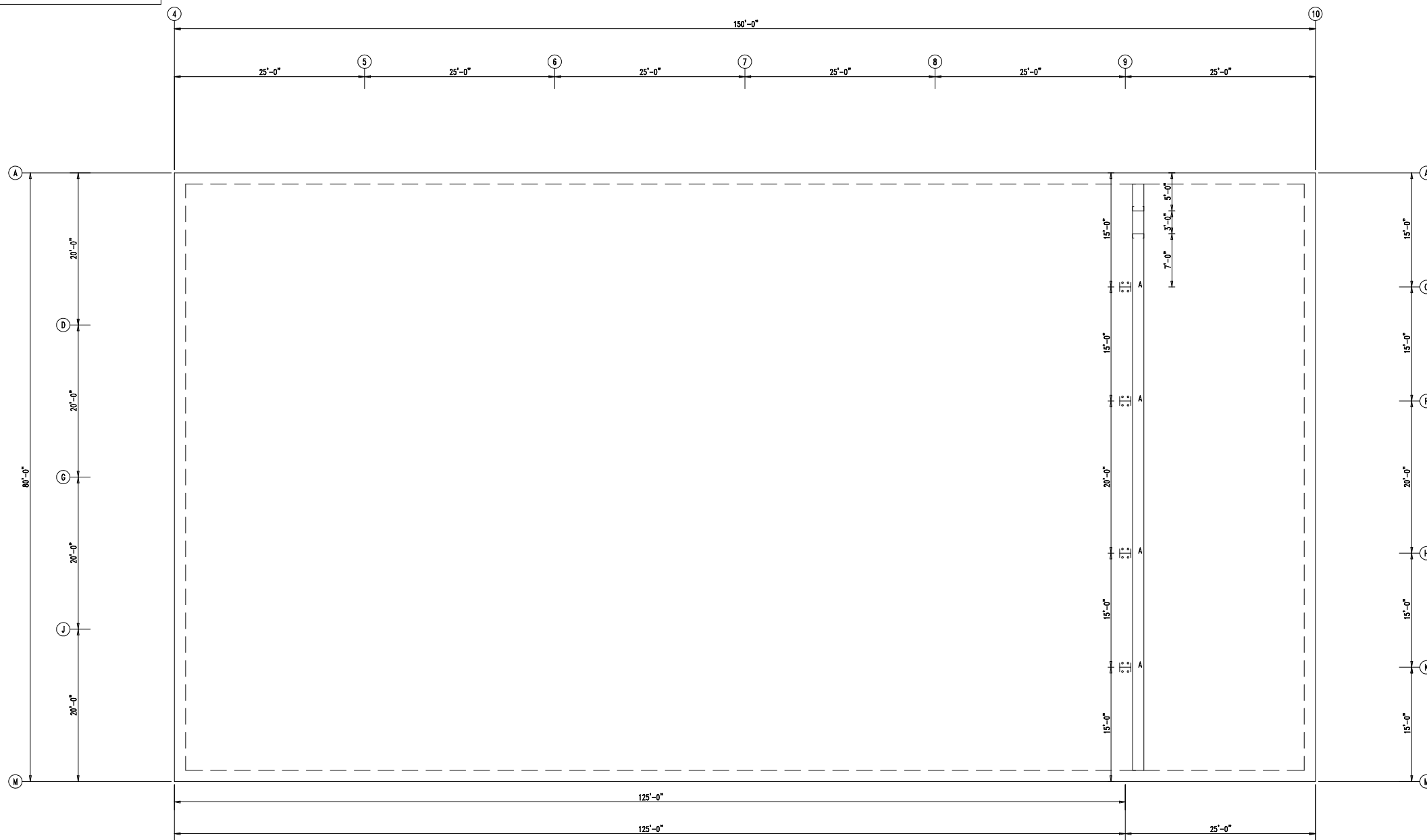


ANCHOR BOLT SUMMARY

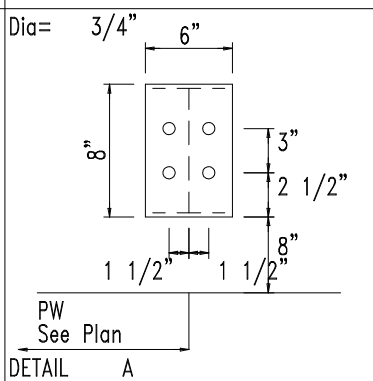
MAXIMUM REACTION

Qty	Locate	Dia (in)	Type	Proj (in)
16	PC	3/4"	A307	2.50

Part Id	Orient	--Max(k)--	
		Dead Vert	Wind Horz
1	Trans.	0.4	2.9



PARTITION WALL PLAN



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SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50637
MADISON
ODESSA, TX 79763

SHEET NAME/TITLE
KEY PLAN

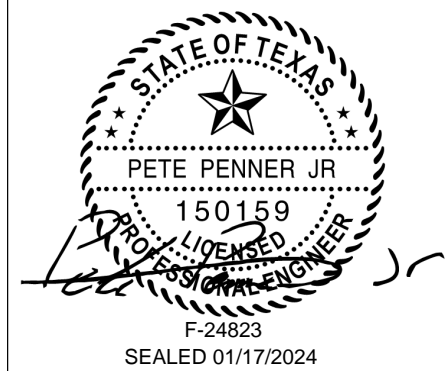
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EXTENSION/CANOPY BOLTS				
ROOF PLAN				
MARK	QUAN	TYPE	DIA	LENGTH
EB-2	4	A325	3/4"	2 1/2"
EB-3	4	A325	3/4"	2 1/2"
EB-4	4	A325	3/4"	2 1/2"
EB-7	4	A325	3/4"	2 1/2"
EB-8	4	A325	3/4"	2 1/2"

ANGLE TABLE			
ROOF PLAN			
◇ ID	MARK	LENGTH	DETAIL
1	L4X2	20'-0"	ANGLE_6
2	TRFLG1	100'-0"	



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SHEET NAME/TITLE
ROOF FRAMING

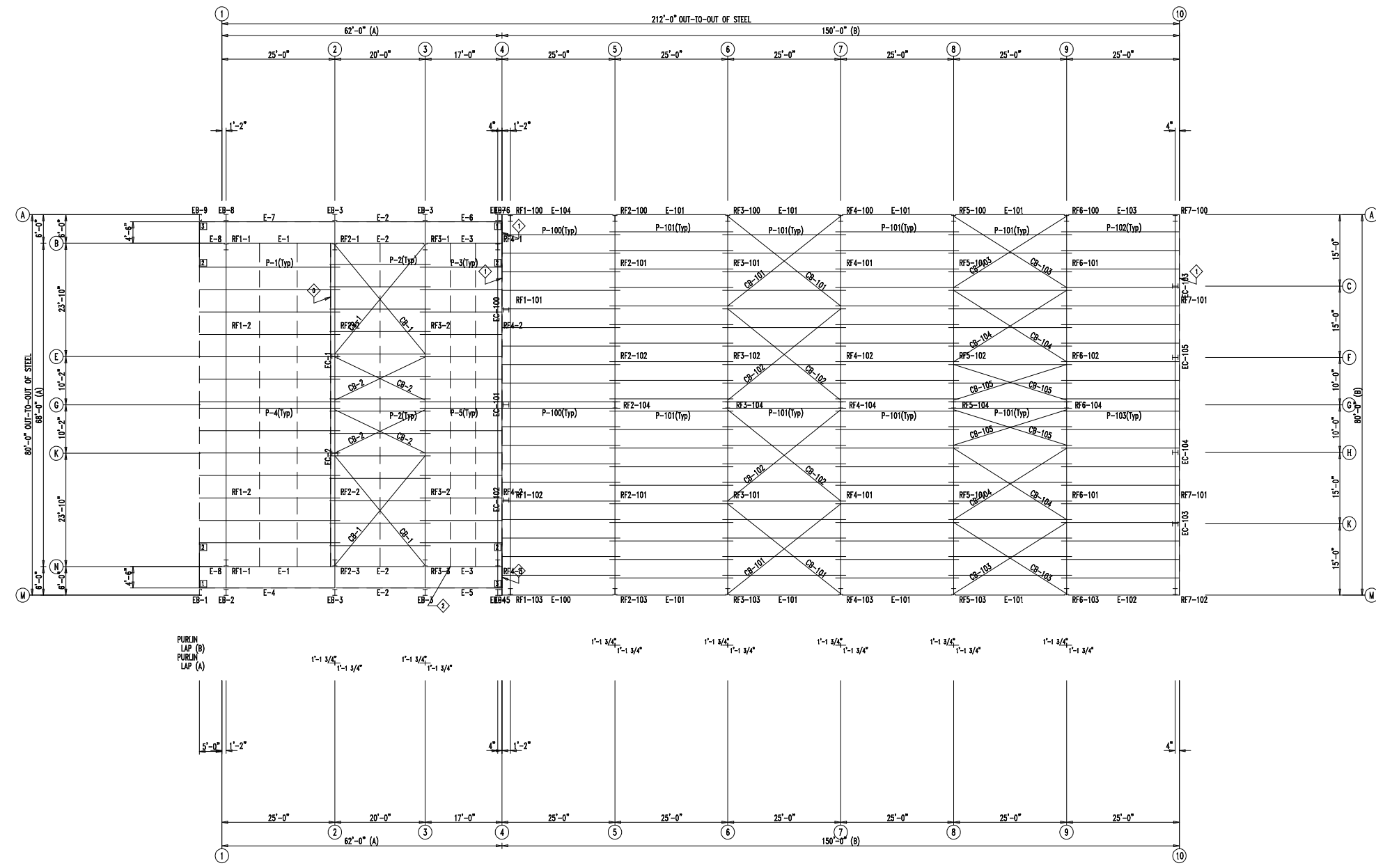
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E6 of 51 -- NTS

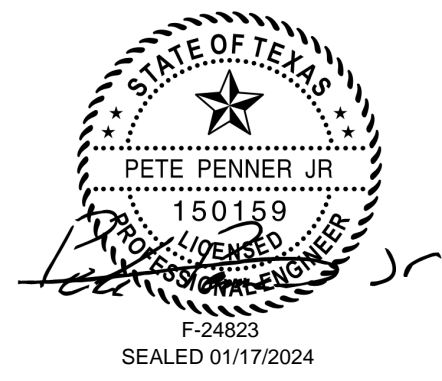
REVISIONS			
NO.	NOTES	BY	DATE
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ROOF FRAMING PLAN

MEMBER TABLE		
ROOF PLAN		
MARK	PART	LENGTH
A		
EB-1	8X25C14	8'-10 7/16"
EB-2	W8X10	6'-2 1/8"
EB-3	W8X10	6'-2 1/8"
EB-4	W8X10	6'-2 1/8"
EB-5	8X25CH14	8'-10 1/2"
EB-6	8X25CH14	8'-10 1/2"
EB-7	W8X10	6'-2 1/8"
EB-8	W8X10	6'-2 1/8"
EB-9	8X25C14	8'-10 7/16"
P-1	8X25Z14	31'-1 1/2"
P-2	8X25Z14	22'-3 1/2"
P-3	8X25Z14	18'-1 1/2"
P-4	8X25Z14	31'-1 1/2"
P-5	8X25Z14	18'-1 1/2"
E-1	E085322L	23'-1 1/4"
E-2	E085342L	19'-3 1/4"
E-3	E085342L	15'-11 1/4"
E-4	E085342L	29'-7 3/8"
E-5	E085342L	16'-7 3/8"
E-6	E085342L	16'-7 3/8"
E-7	E085342L	29'-7 3/8"
E-8	E085322L	5'-5 5/8"
CB-1	CB0250	29'-10 1/4"
CB-2	CB0250	22'-4 1/2"
B		
P-100	8X25Z14	26'-1 1/2"
P-101	8X25Z14	27'-3 1/2"
P-102	8X25Z14	26'-1 1/2"
P-103	8X25Z14	26'-1 1/2"
E-100	E085342L	24'-11 1/2"
E-101	E085342L	24'-11 1/2"
E-102	E085342L	24'-11 1/2"
E-103	E085342L	24'-11 1/2"
E-104	E085342L	24'-11 1/2"
CB-101	CB0250	31'-7"
CB-102	CB0250	31'-10 1/4"
CB-103	CB0250	29'-5 1/4"
CB-104	CB0250	29'-2 3/4"
CB-105	CB0250	26'-7"

CONNECTION PLATES		
ROOF PLAN		
◇ ID	MARK/PART	
1	e1	
2	d1	
3	e2	



EXTENSION/CANOPY BOLTS				
ROOF PLAN				
MARK	QUAN	TYPE	DIA	LENGTH
EB-2	4	A325	3/4"	2 1/2"
EB-3	4	A325	3/4"	2 1/2"
EB-4	4	A325	3/4"	2 1/2"
EB-7	4	A325	3/4"	2 1/2"
EB-8	4	A325	3/4"	2 1/2"



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430 US HWY 180 W
SEMINOLE, TX 79360

TRIM TABLE		
ROOF PLAN		
◇ ID	MARK	LENGTH
1	PBR40	3'-0"
2	LEFT	6"
3	SG1R	22'-6"
4	SG1R	24'-6"
5	RIGHT	6"
6	HTU	18'-6"
7	HTU	21'-0"
8	HTR	18'-6"

CUSTOMER INFO

PROJECT
PB50637

MADISON
ODESSA, TX 79763

SHEET NAME/TITLE
ROOF SHEETING

DRAWN BY
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DATE
1/12/24

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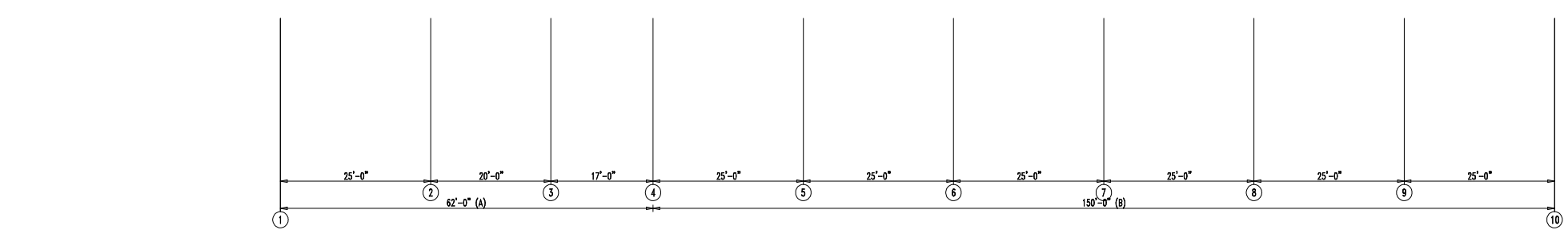
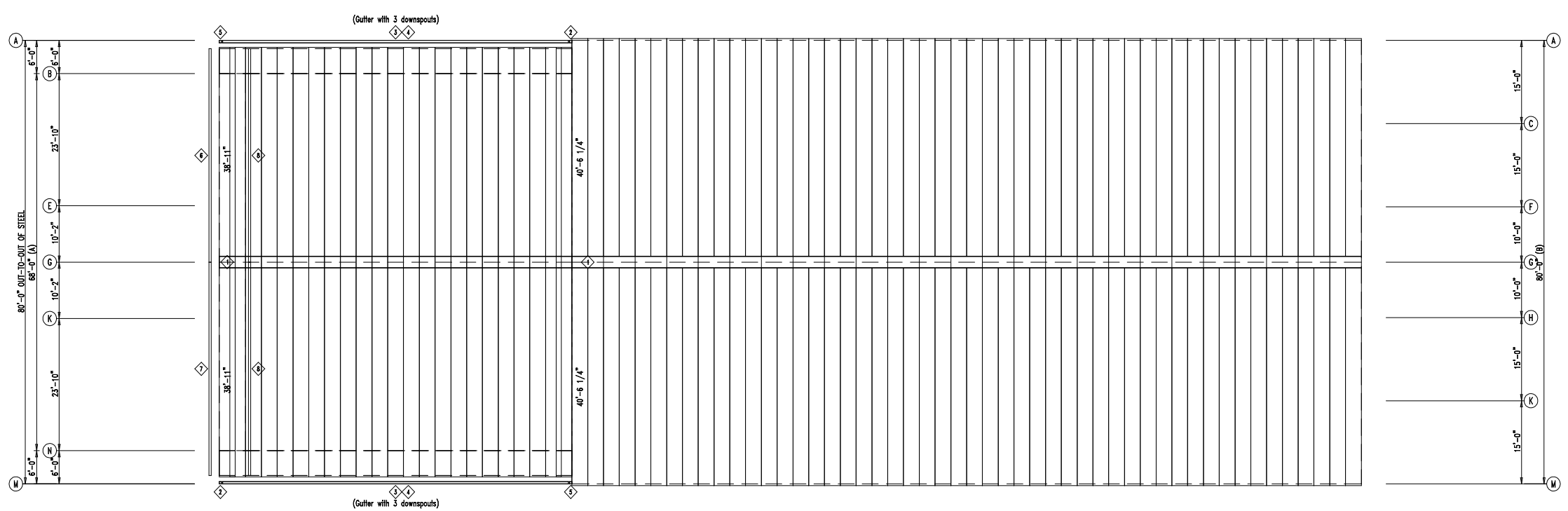
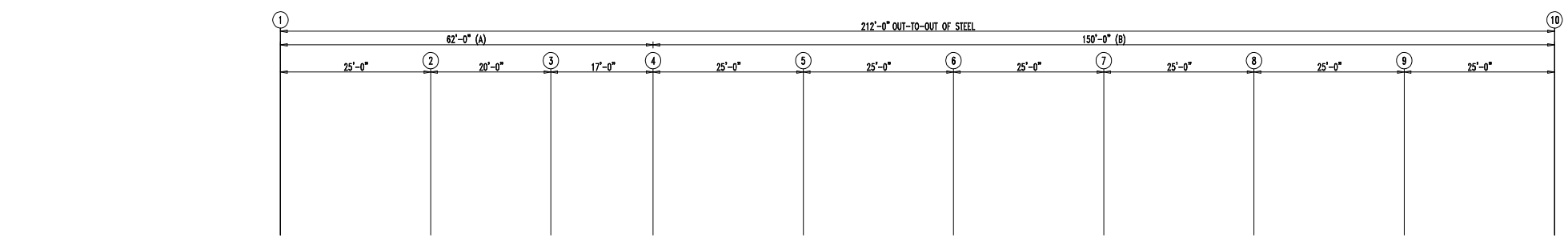
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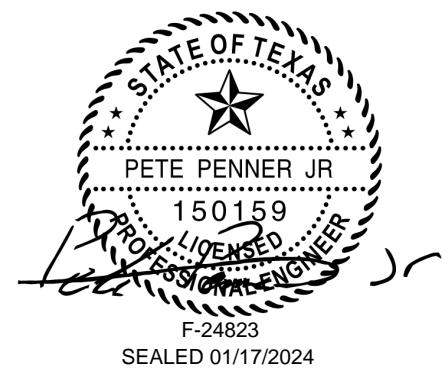
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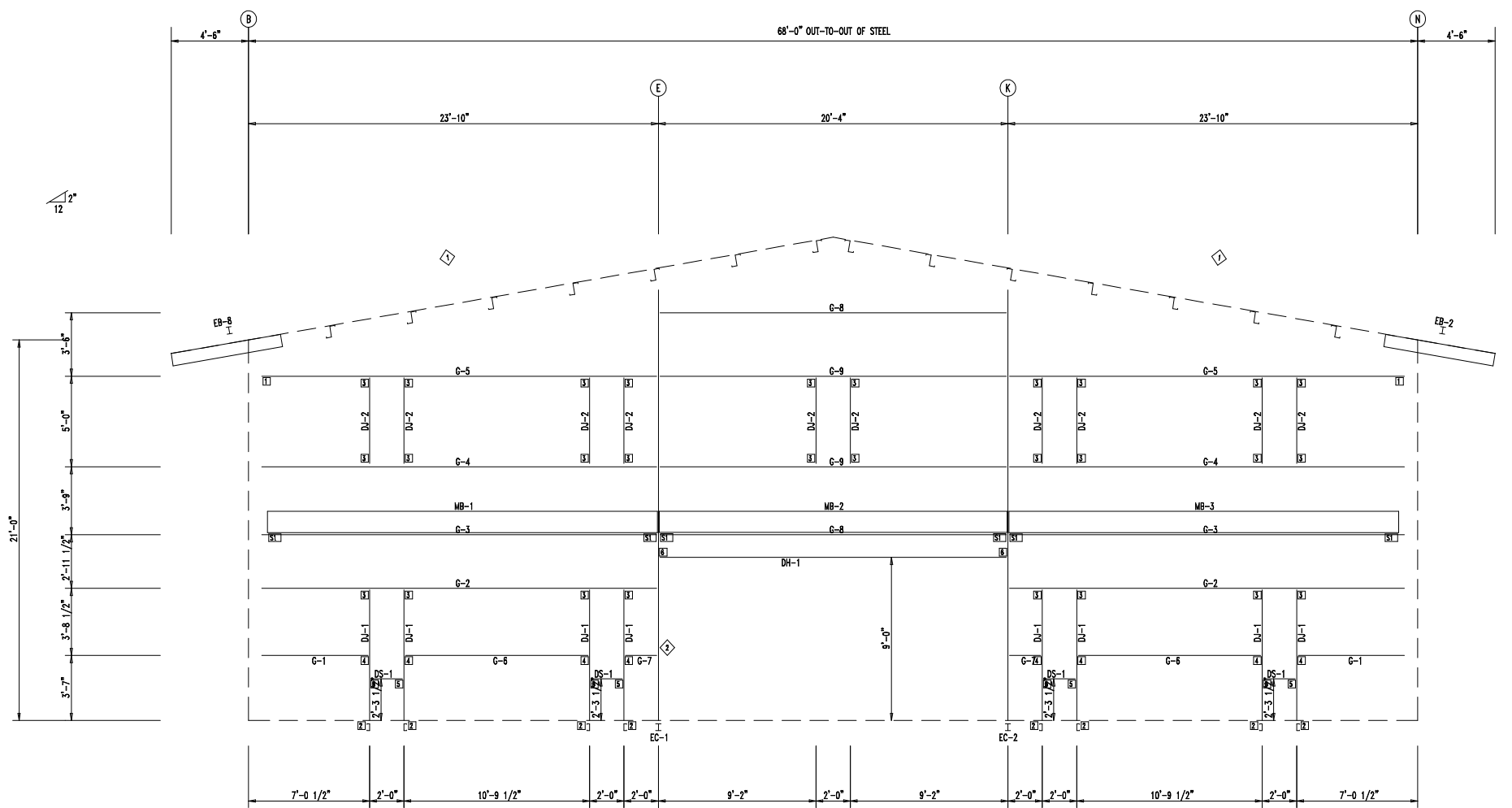
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REVISIONS			
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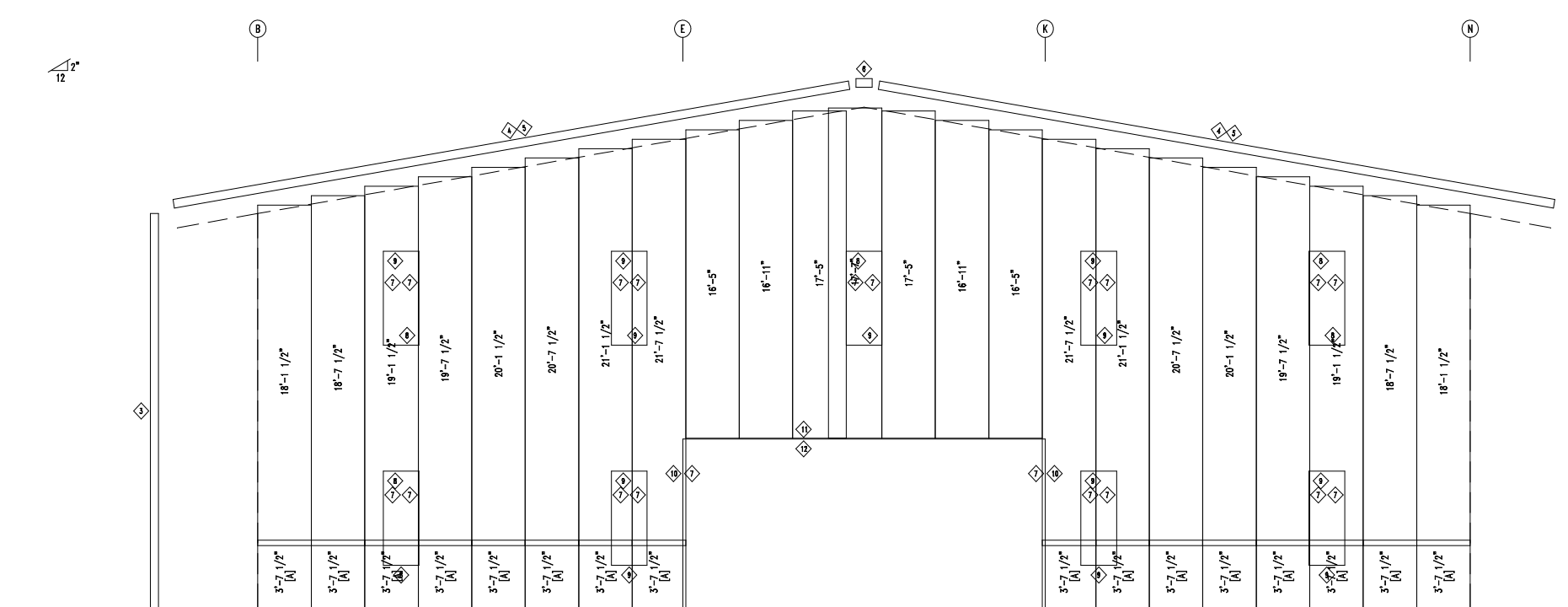


ROOF SHEETING PLAN
PANELS: 26 Ga. PBR - Polar White





ENDWALL FRAMING: FRAME LINE 2



ENDWALL SHEETING & TRIM: FRAME LINE 2

PANELS: 26 Ga. PPR - Polar White
 [A] PANELS: 26 Ga. PPR - Black

BOLT TABLE
 FRAME LINE 2

LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	2	A325	1/2"	1 1/4"

TRIM TABLE
 FRAME LINE 2

ID	MARK	LENGTH	DETAIL
3	OCR	22'-6"	TRIM_271
4	TR12	18'-6"	
5	HTR	18'-6"	
6	SCRR	10'-6"	
7	JTR	10'-6"	
8	HTR	10'-6"	
9	HTR	SCRAP	
10	JC08	10'-6"	
11	JC08	21'-0"	
12	HTR	21'-0"	

ANGLE TABLE
 FRAME LINE 2

ID	MARK	LENGTH	DETAIL
1	L4X2	20'-0"	ANGLE_6
2	L4X2	20'-0"	

SUPPORT BEAM BOLT TABLE
 FRAME LINE 2

ID	QUAN	TYPE	DIA	LENGTH
S1	3	A325	3/4"	2 1/2"

MEMBER TABLE
 FRAME LINE 2

MARK	PART	LENGTH
EB-2	W8X10	6'-2 1/8"
EB-8	W8X10	6'-2 1/8"
EC-1	W8X10	22'-10 5/8"
EC-2	W8X10	22'-10 5/8"
DJ-1	8X25C14	7'-2 7/8"
DJ-2	8X25C14	4'-11 1/2"
DH-1	8X25C14	19'-11 1/2"
DS-1	8X25C14	1'-11 1/2"
G-1	8X25C14	5'-7 3/4"
G-2	8X25C14	22'-5 1/4"
G-3	8X25C14	22'-5 1/4"
G-4	8X25C14	22'-5 1/8"
G-5	8X25C14	19'-6 9/16"
G-6	8X25C14	10'-2"
G-7	8X25C14	1'-4 1/2"
G-8	8X25C14	19'-8 1/2"
G-9	8X25C14	19'-8 1/2"
MB-1	W1466020	22'-8 1/8"
MB-2	W1466020	20'-2 3/4"
MB-3	W1466020	22'-8 1/8"

CONNECTION PLATES
 FRAME LINE 2

ID	MARK/PART
1	b1
2	DC-1
3	OC-3
4	OC-1
5	OC-2
6	c1



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 ENDWALL FRAMING

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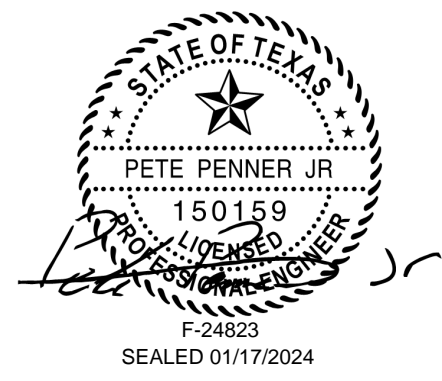
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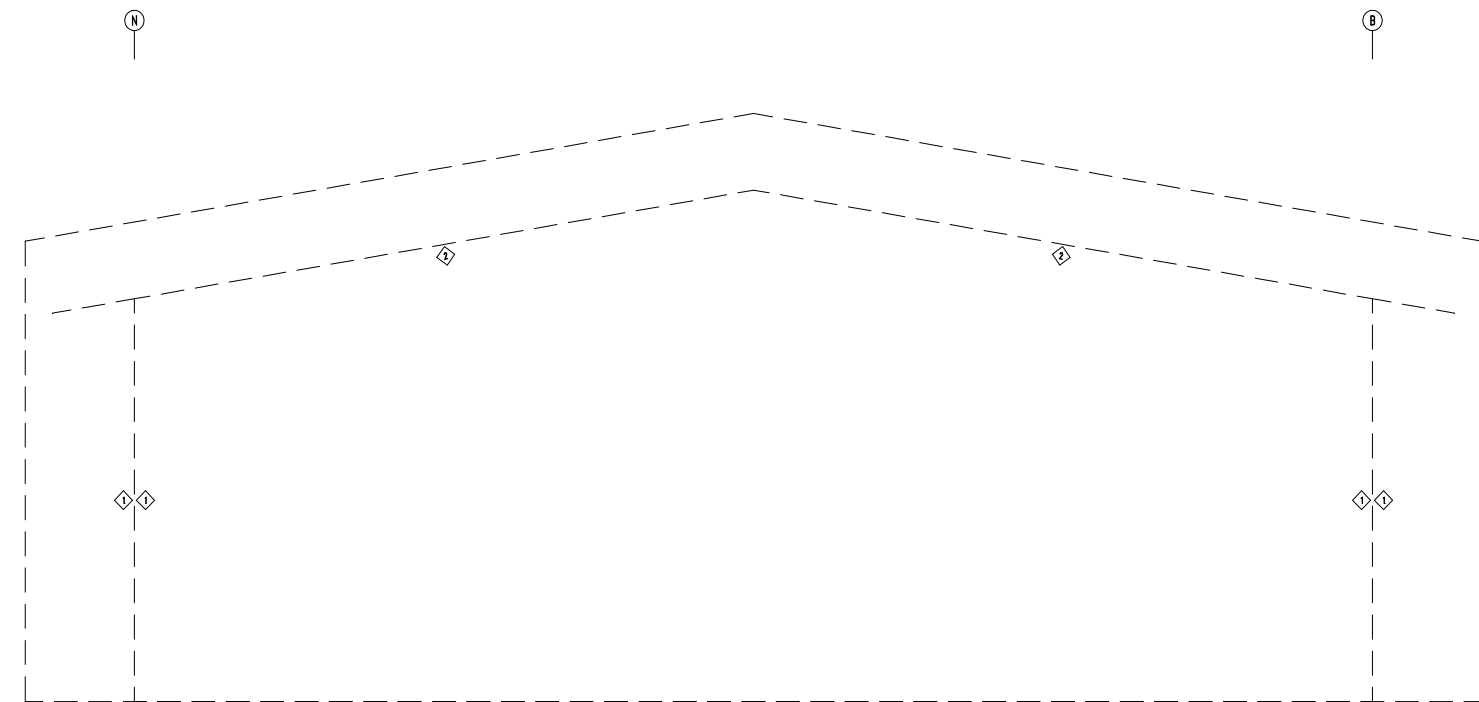
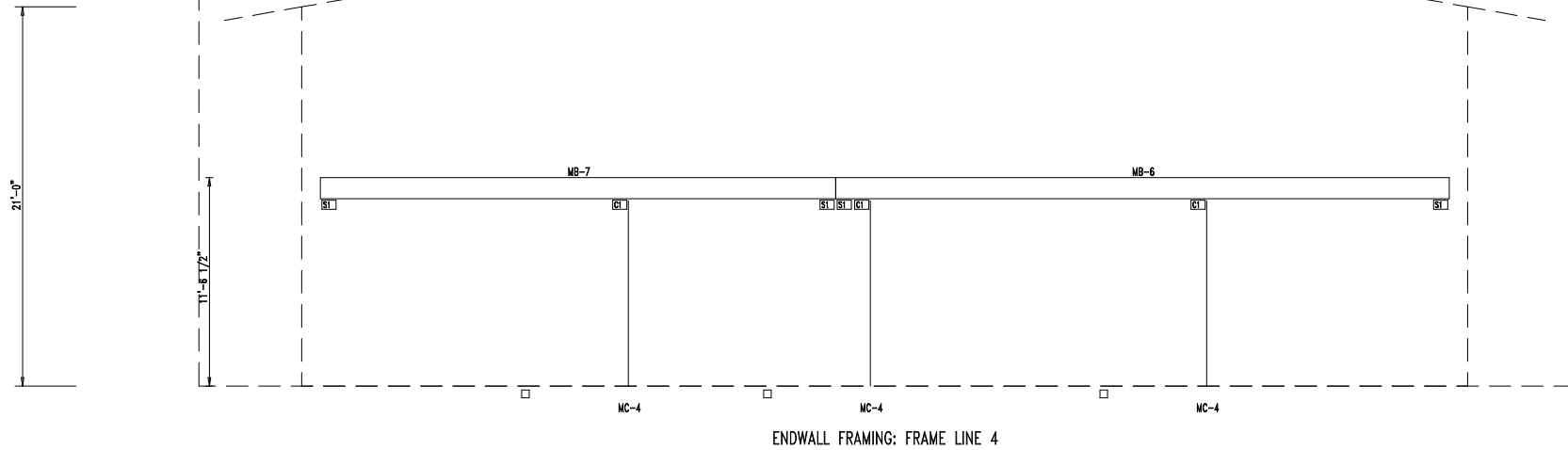
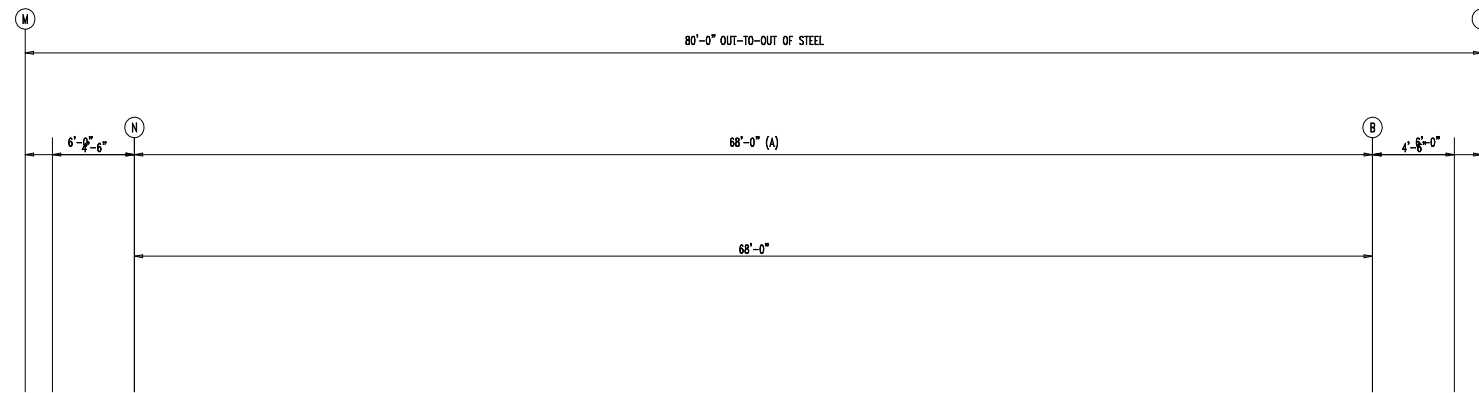
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REVISIONS

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SUPPORT BEAM BOLT TABLE
FRAME LINE 4

ID	QUAN	TYPE	DIA	LENGTH
S1	6	A325	3/4"	2 1/2"

COLUMN BOLT TABLE
FRAME LINE 4

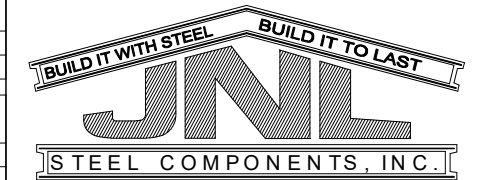
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C1	4	A325	3/4"	2 1/2"

MEMBER TABLE
FRAME LINE 4

MARK	PART	LENGTH
MB-6	W1464020	35'-9 3/8"
MB-7	W1464020	30'-0 5/8"
MC-4	T035035C	10'-4 1/2"

TRIM TABLE
FRAME LINE 4

ID	MARK	LENGTH
1	ICR	21'-0"
2	SWTR	18'-6"



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SHEET NAME/TITLE
ENDWALL FRAMING

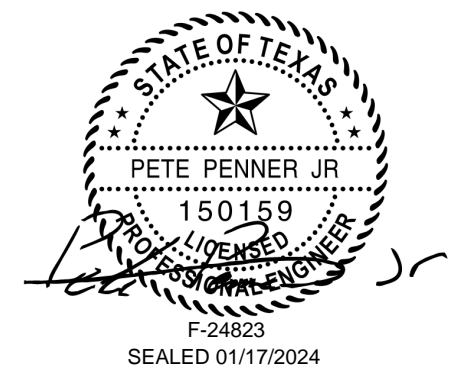
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BN
DATE
1/12/24

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BN
DATE
1/12/24

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DATE
1/12/24

SHEET NO. REV. SCALE
E9 of 51 -- NTS

REVISIONS			
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SEALD 01/17/2024

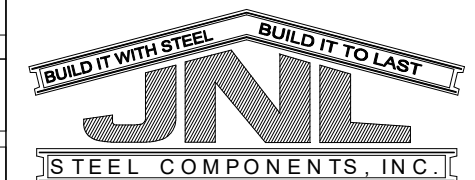
BOLT TABLE FRAME LINE 4				
LOCATION	QUAN	TYPE	DIA	LENGTH
EC-100/FRAME	2	A325	1/2"	1 1/4"
EC-101/FRAME	8	A325	1/2"	1 1/4"
EC-102/FRAME	2	A325	1/2"	1 1/4"

MEMBER TABLE FRAME LINE 4		
MARK	PART	LENGTH
EC-100	W1064030	26'-4 5/8"
EC-101	W1064030	29'-8 5/8"
EC-102	W1064030	26'-4 5/8"
G-100	8X25Z14	19'-8"
G-101	8X25Z14	19'-8"
G-102	8X25Z14	19'-0 1/16"
G-103	8X25Z14	19'-4 1/2"
G-104	8X25Z14	19'-0 1/16"

TRIM TABLE FRAME LINE 4		
ID	MARK	LENGTH
2	OCR	24'-6"
3	SRR	21'-0"
4	PBA	2'-0"
5	ICR	21'-0"
6	SWTR	18'-6"

ANGLE TABLE FRAME LINE 4		
ID	MARK	LENGTH
1	L4X2	20'-0"

CONNECTION PLATES FRAME LINE 4		
ID	MARK/PART	
1	n100	
2	d101	
3	d100	



432-758-9900
430 US HWY 180 W
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CUSTOMER INFO

PROJECT
PB50637

MADISON
ODESSA, TX 79763

SHEET NAME/TITLE
ENDWALL FRAMING

DRAWN BY
BN

DATE
1/12/24

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BN

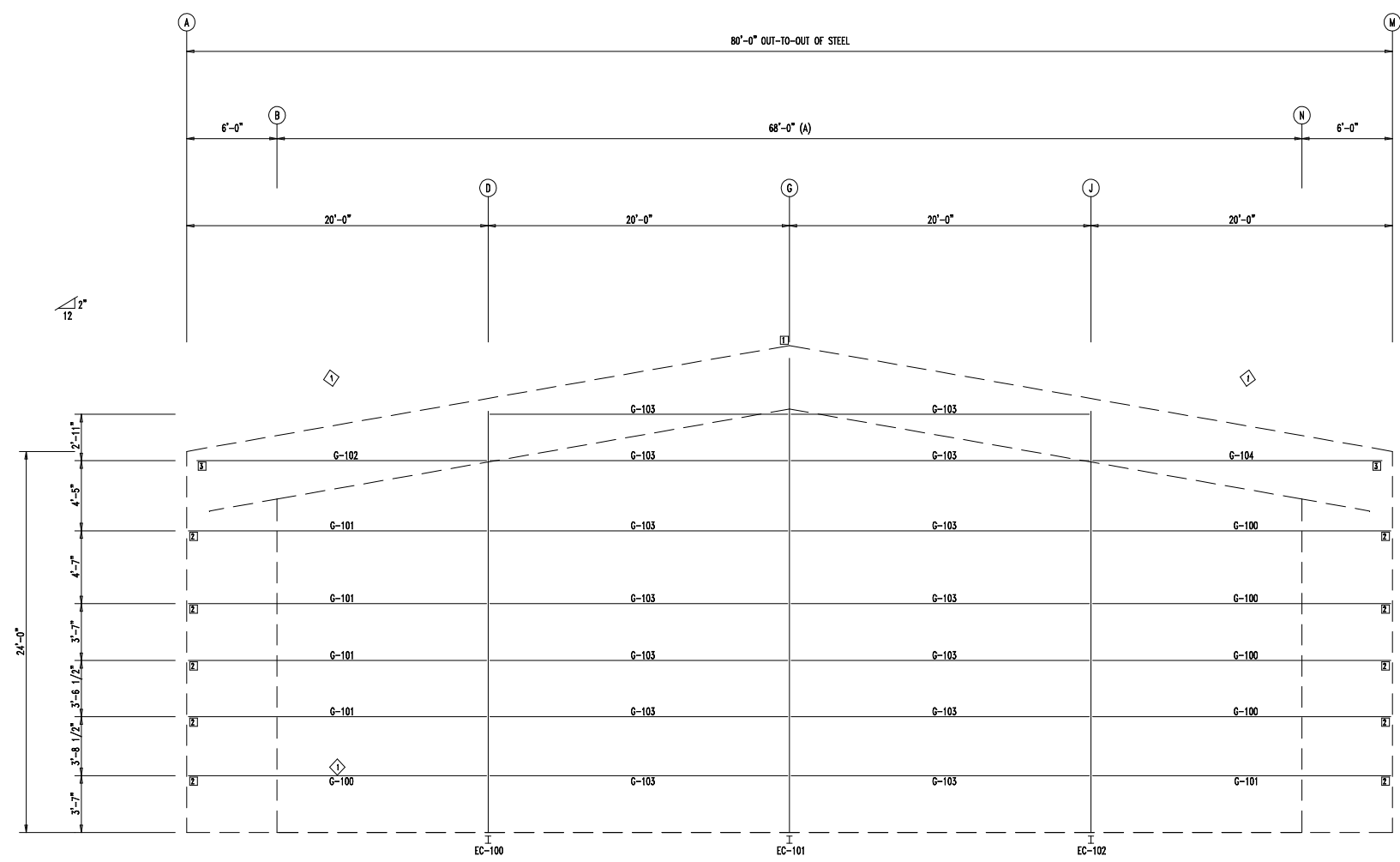
DATE
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APPROVED BY

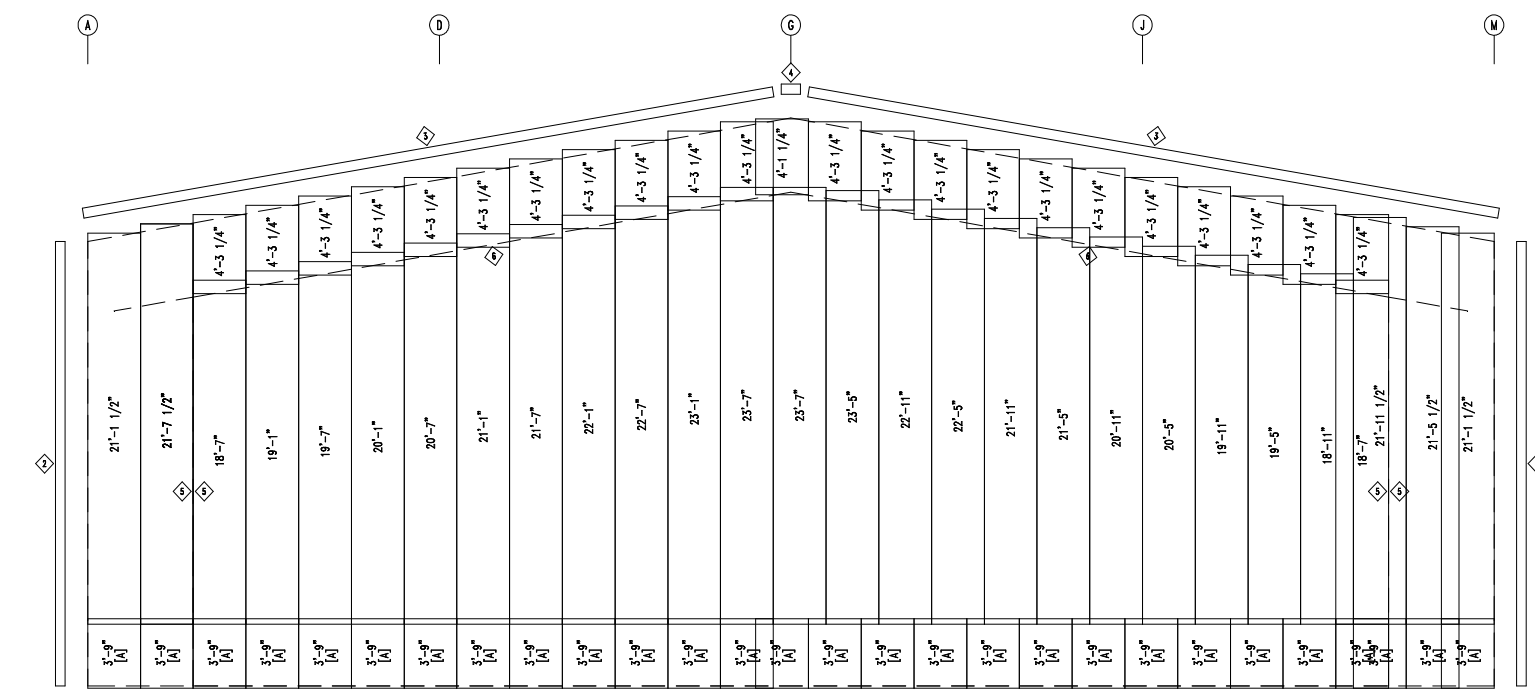
DATE
1/12/24

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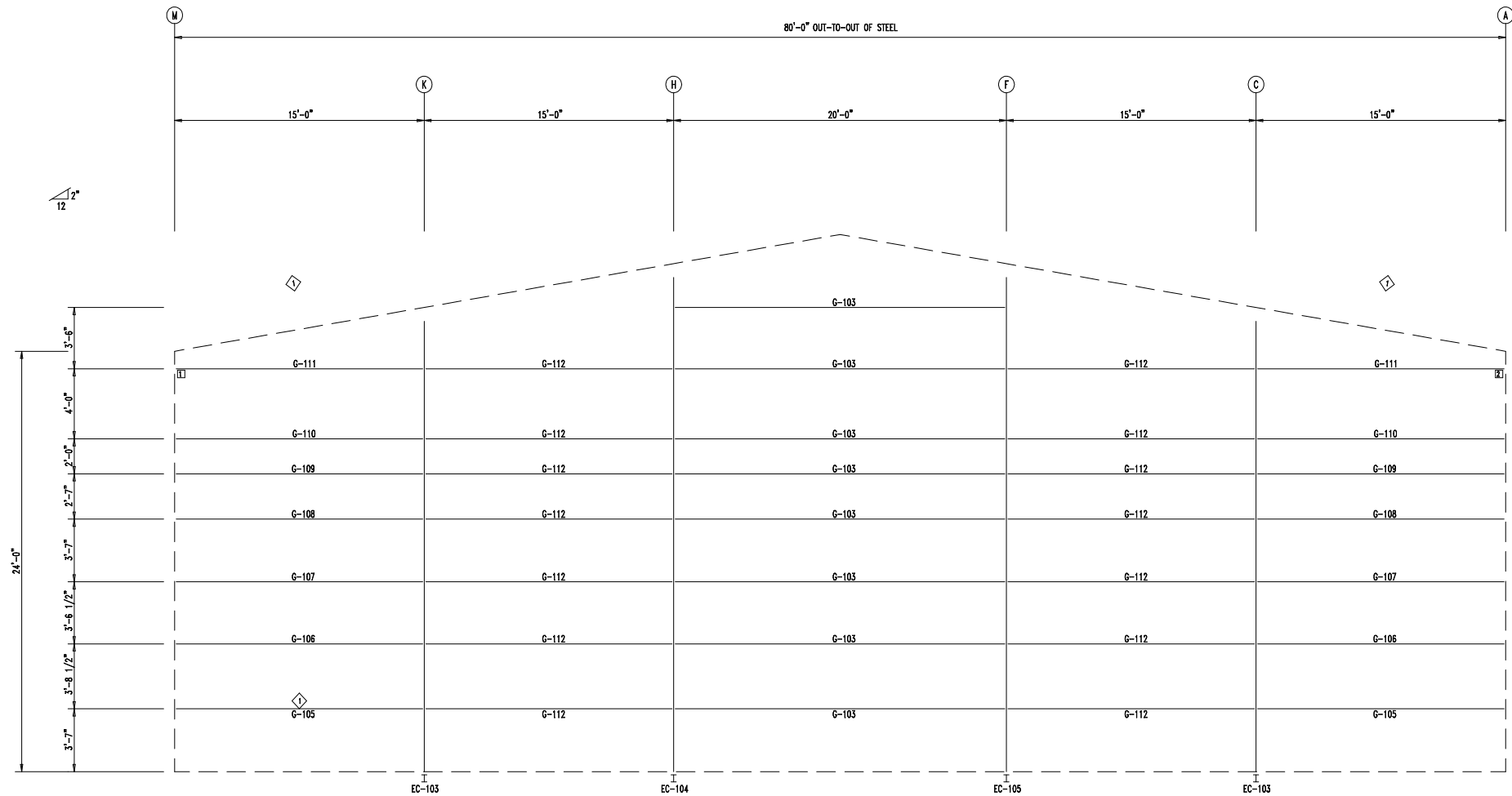


ENDWALL FRAMING: FRAME LINE 4



ENDWALL SHEETING & TRIM: FRAME LINE 4

PANELS: 26 Ga. PBR - Polar White
[A] PANELS: 26 Ga. PBR - Black
(A) PANELS: 26 Ga. PBR - Polar White



ENDWALL FRAMING: FRAME LINE 10



ENDWALL SHEETING & TRIM: FRAME LINE 10

PANELS: 26 Ga. PBR - Polar White
 [A] PANELS: 26 Ga. PBR - Black

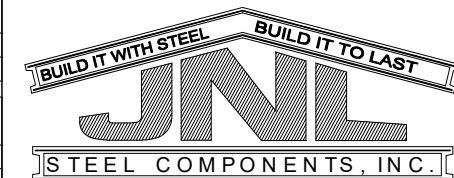
BOLT TABLE				
FRAME LINE 10				
LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	2	A325	1/2"	1 1/4"

MEMBER TABLE		
FRAME LINE 10		
MARK	PART	LENGTH
EC-103	W0864030	24'-1 3/4"
EC-104	W0864030	26'-8 15/16"
EC-105	W0864030	26'-8 15/16"
G-103	8X25Z14	19'-4 1/2"
G-105	8X25Z14	13'-9 1/2"
G-106	8X25Z14	13'-7 7/16"
G-107	8X25Z14	13'-5 1/2"
G-108	8X25Z14	13'-3 1/2"
G-109	8X25Z14	13'-2"
G-110	8X25Z14	13'-0 7/8"
G-111	8X25Z14	6'-5 3/8"
G-112	8X25Z14	14'-4 1/2"

TRIM TABLE		
FRAME LINE 10		
◇ ID	MARK	LENGTH
2	OCR	24'-6"
3	SRR	21'-0"
4	PBA	2'-0"

ANGLE TABLE		
FRAME LINE 10		
◇ ID	MARK	LENGTH
1	L4X2	20'-0"

CONNECTION PLATES		
FRAME LINE 10		
□ ID	MARK/PART	
1	b100	
2	b101	



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MADISON
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SHEET NAME/TITLE
 ENDWALL FRAMING

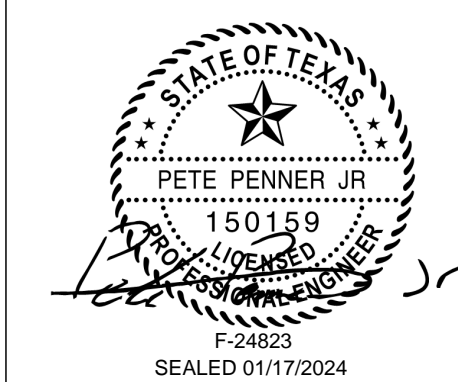
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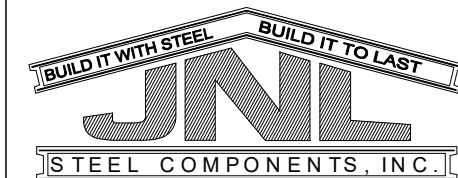
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CUSTOMER INFO

PROJECT
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MADISON
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SHEET NAME/TITLE
 SIDEWALL FRAMING

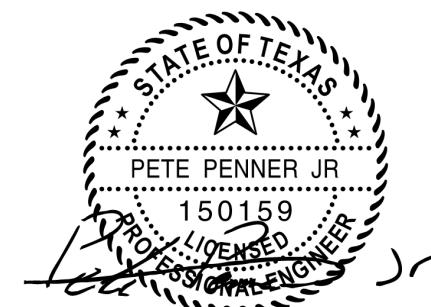
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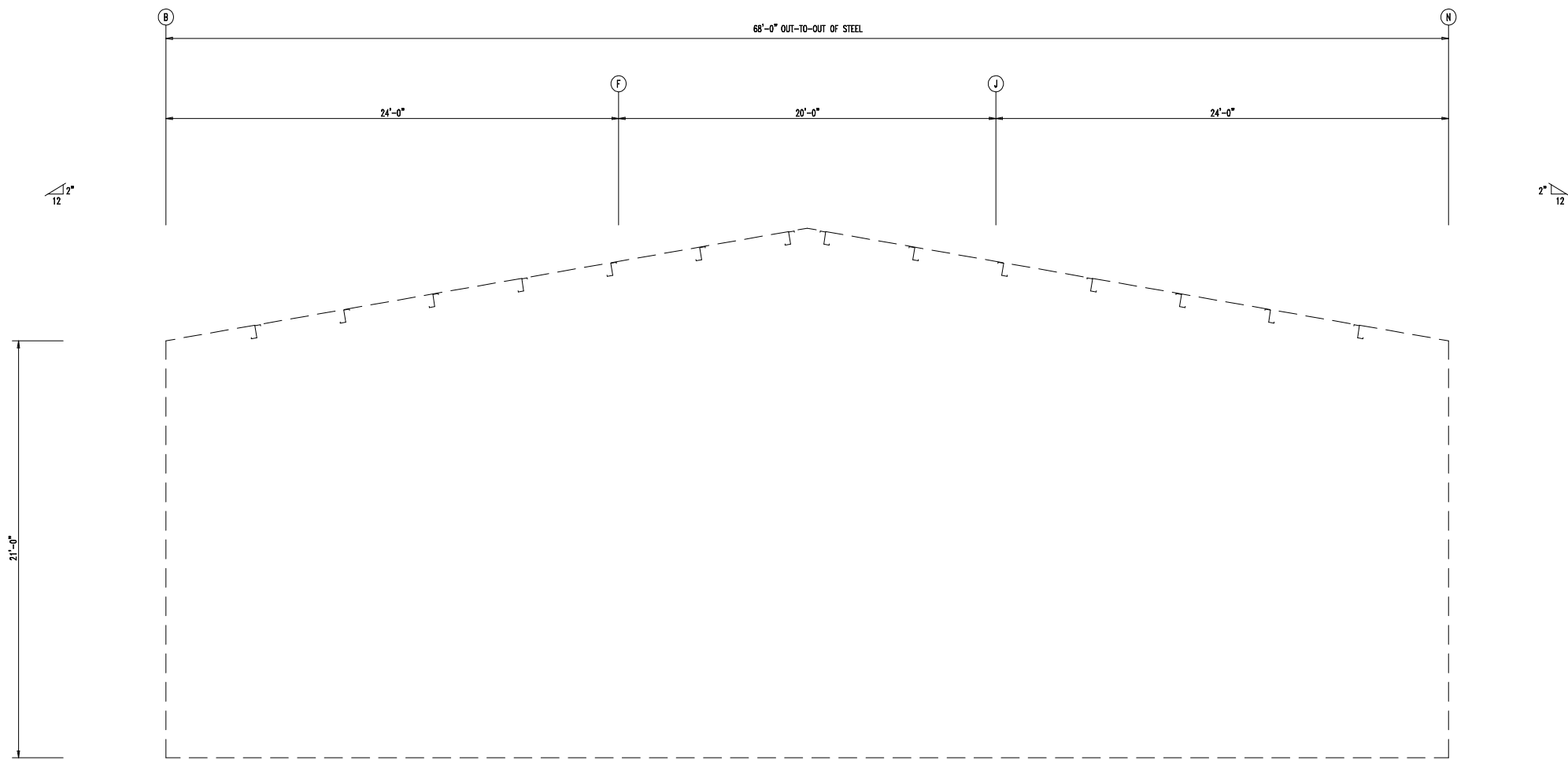
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SHEET NO. REV. SCALE
 E12 of 51-- NTS

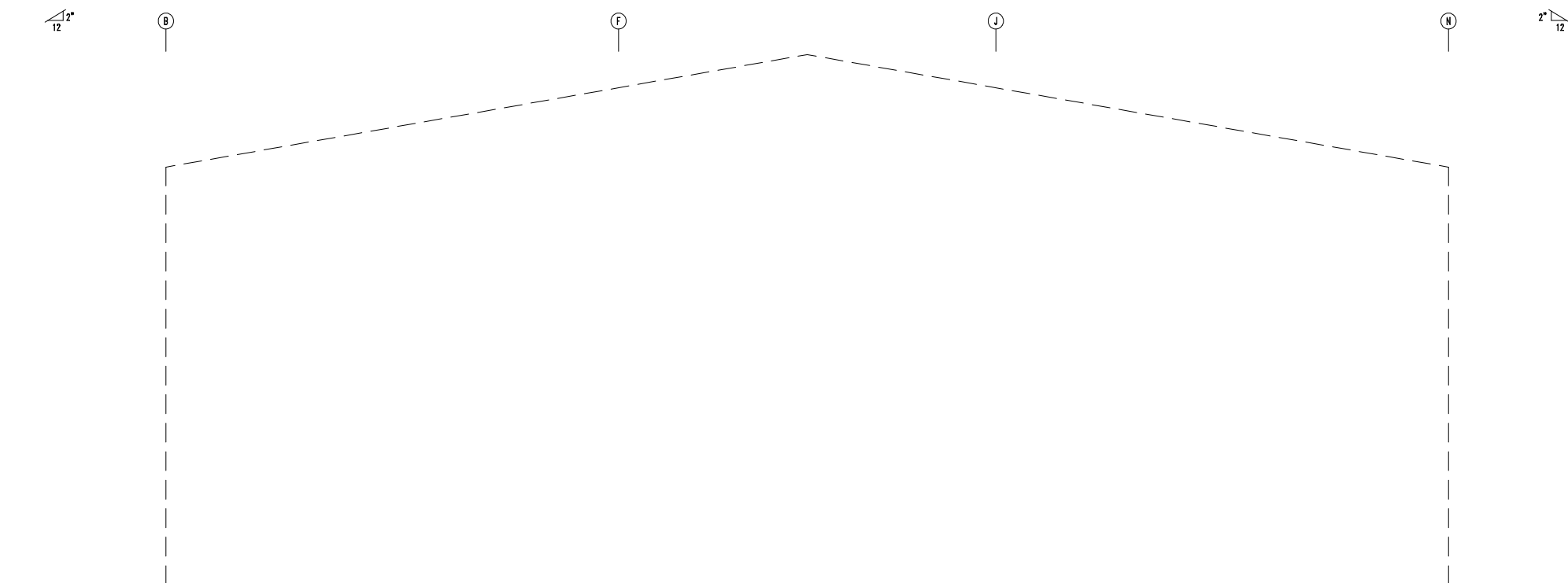
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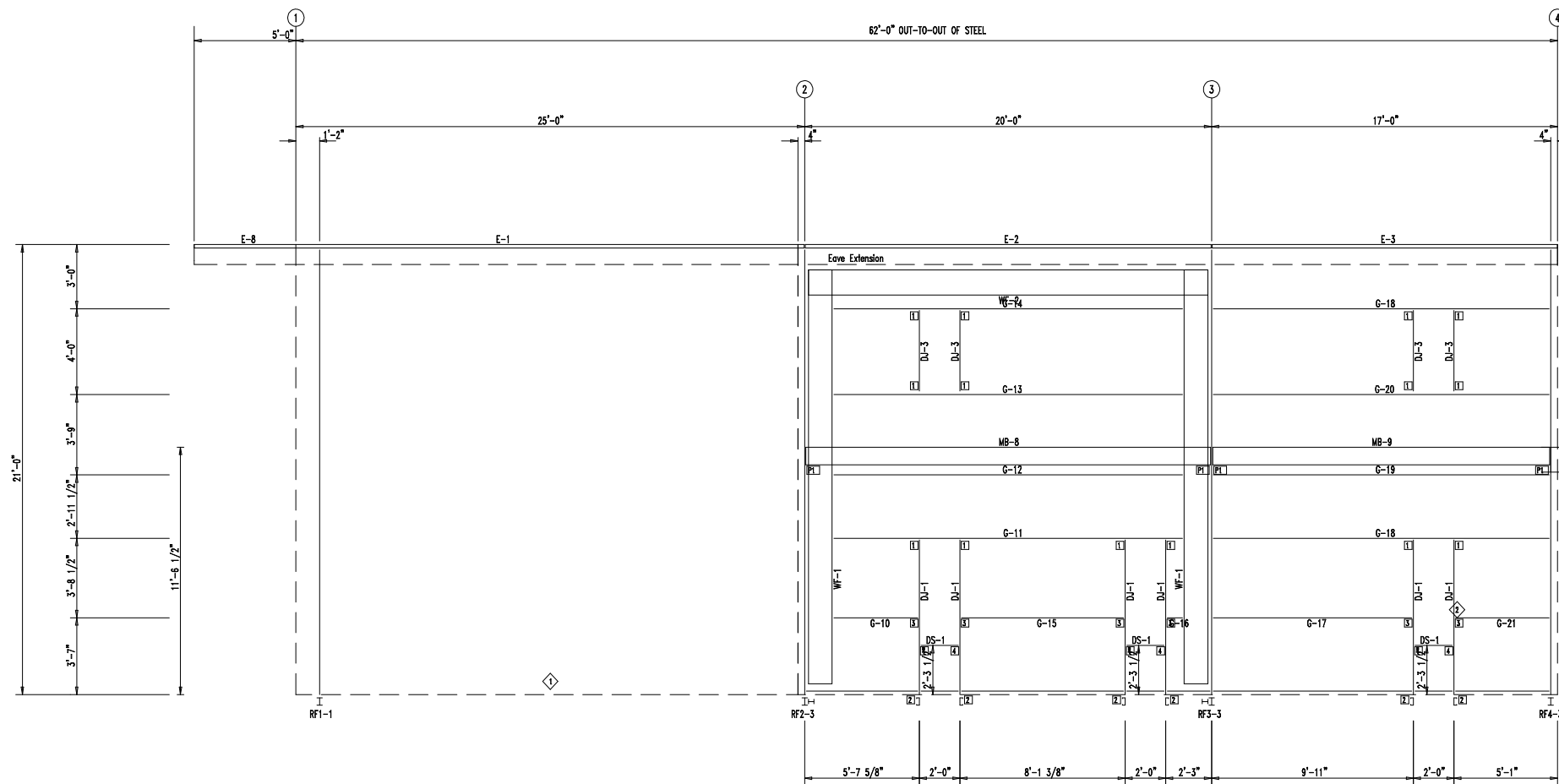


ENDWALL FRAMING: FRAME LINE 1

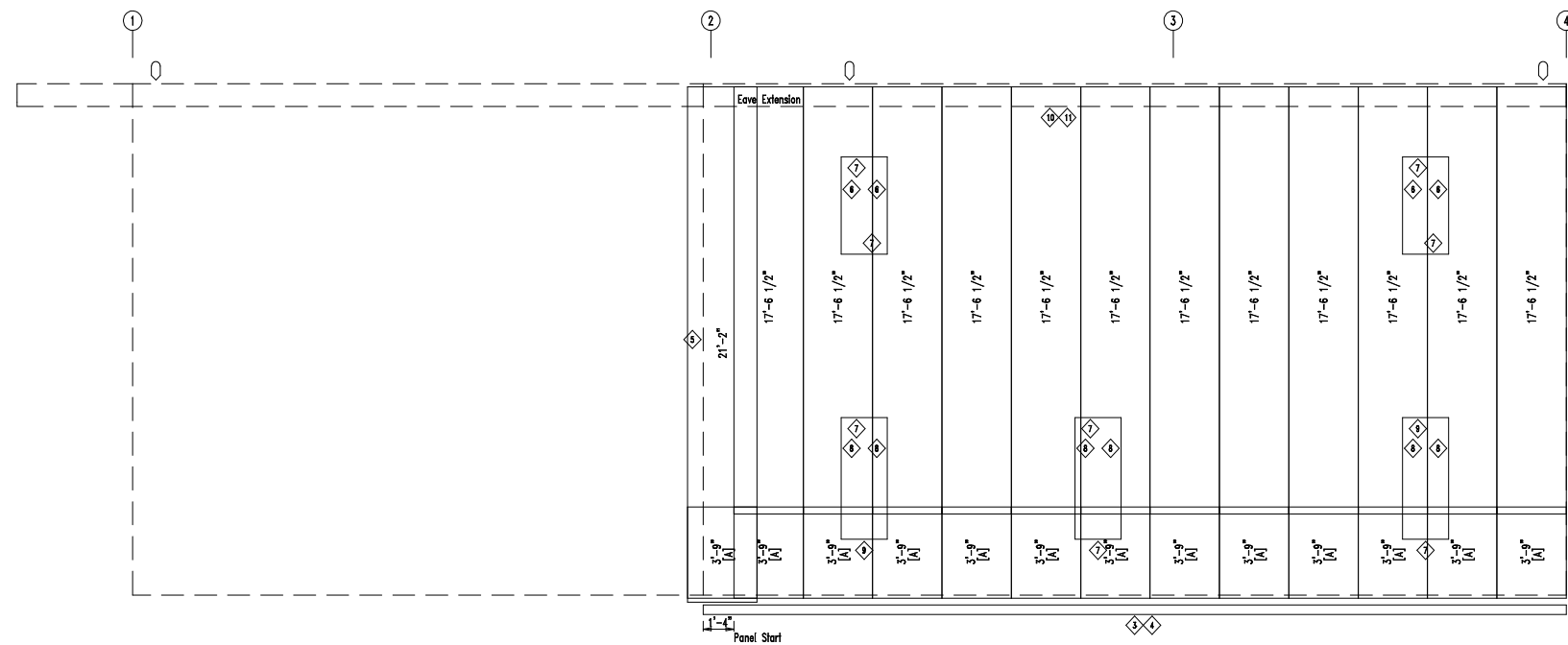


ENDWALL SHEETING & TRIM: FRAME LINE 1

DOWNSPOUT LOCATIONS



SIDEWALL FRAMING: FRAME LINE L



SIDEWALL SHEETING & TRIM: FRAME LINE L

PANELS: 26 Ga. PBR - Polar White
 [A] PANELS: 26 Ga. PBR - Black

BOLT TABLE				
FRAME LINE N				
LOCATION	QUAN	TYPE	DIA	LENGTH
WF-1 - WF-2	8	A325	3/4"	2 1/2"
WF-1 - RF2-3	16	A325	5/8"	2"
WF-1 - RF3-3	16	A325	5/8"	2"

PERIMETER BEAM BOLT TABLE				
FRAME LINE N				
ID	QUAN	TYPE	DIA	LENGTH
P1	2	A325	1/2"	1 1/2"

MEMBER TABLE		
FRAME LINE N		
MARK	PART	LENGTH
WF-1	W1464020	19'-6"
WF-2	W1464020	17'-7 3/8"
DJ-1	8X25C14	7'-2 7/8"
DJ-3	8X25C14	3'-11 1/2"
DS-1	8X25C14	1'-11 1/2"
E-1	E085322L	23'-1 1/4"
E-2	E085342L	19'-3 1/4"
E-3	E085342L	15'-11 1/4"
E-8	E085322L	5'-5 5/8"
G-10	8X25C14	4'-1 9/16"
G-11	8X25C14	17'-7 3/8"
G-12	8X25C14	17'-7 3/8"
G-13	8X25C14	17'-7 3/8"
G-14	8X25C14	17'-7 3/8"
G-15	8X25C14	7'-5 7/8"
G-16	8X25C14	8 15/16"
G-17	8X25C14	9'-2 7/8"
G-18	8X25C14	15'-11 1/4"
G-19	8X25C14	15'-11 1/4"
G-20	8X25C14	15'-11 1/4"
G-21	8X25C14	4'-0 7/8"
MB-8	W10X12	19'-10 3/4"
MB-9	W10X12	16'-6 3/4"

TRIM TABLE		
FRAME LINE N		
ID	MARK	LENGTH
3	SBPR	10'-6"
4	NAIL 1	1'-0"
5	OCR	22'-6"
6	JTR	SCRAP
7	HTR	SCRAP
8	JTR	10'-6"
9	HTR	10'-6"
10	HTU	14'-6"
11	HTU	16'-6"

ANGLE TABLE		
FRAME LINE N		
ID	MARK	LENGTH
1	L4X2	SCRAP
2	L4X2	20'-0"

CONNECTION PLATES	
FRAME LINE N	
ID	MARK/PART
1	OC-3
2	DC-1
3	OC-1
4	OC-2



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CUSTOMER INFO

PROJECT
 PB50637

MADISON
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SHEET NAME/TITLE
 SIDEWALL FRAMING

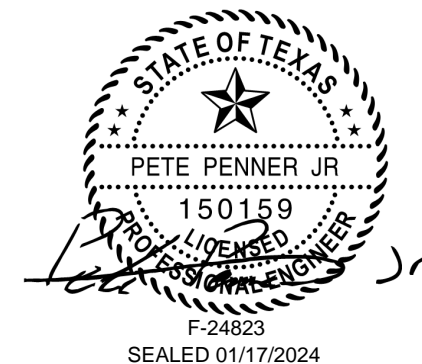
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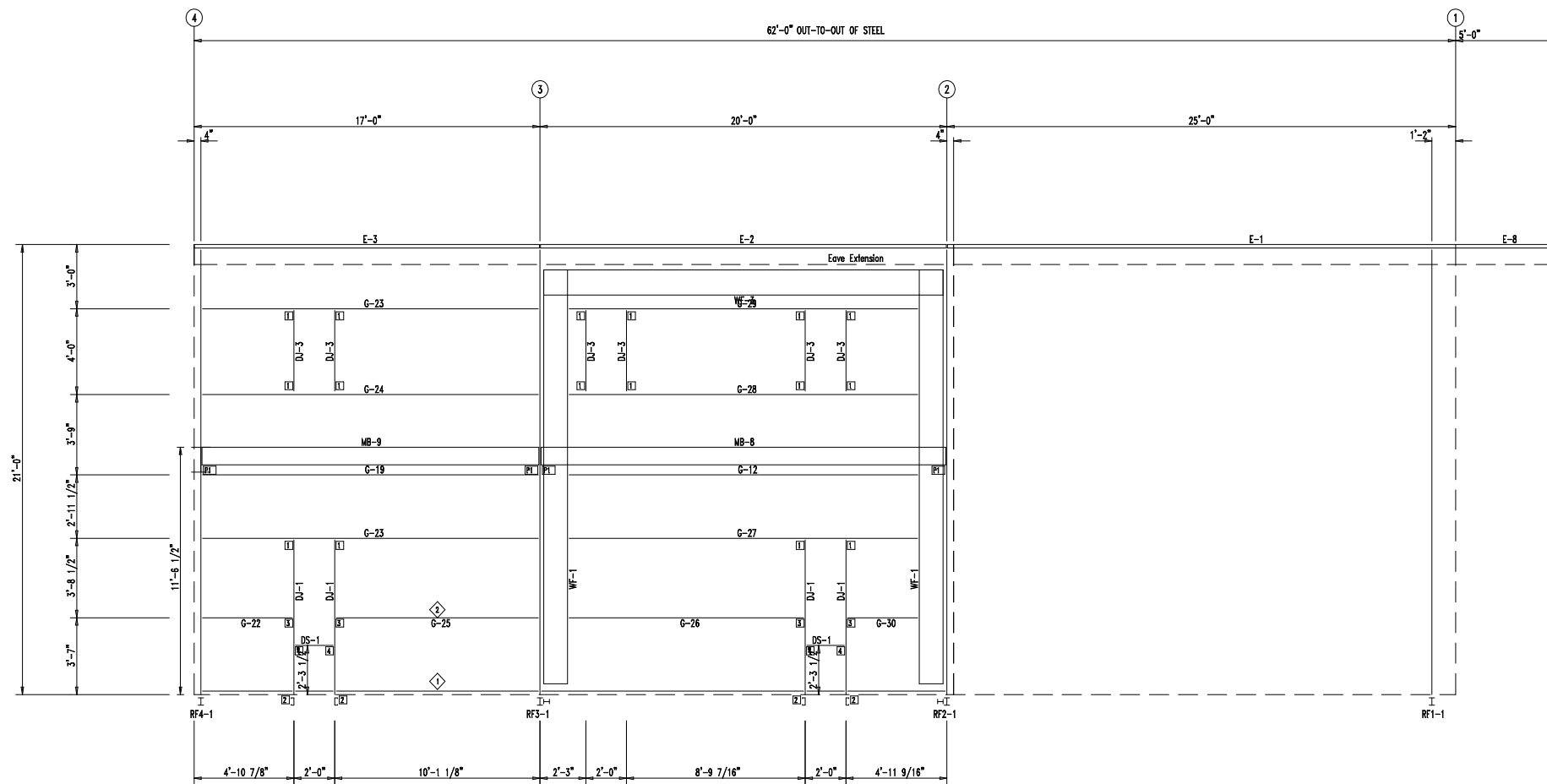
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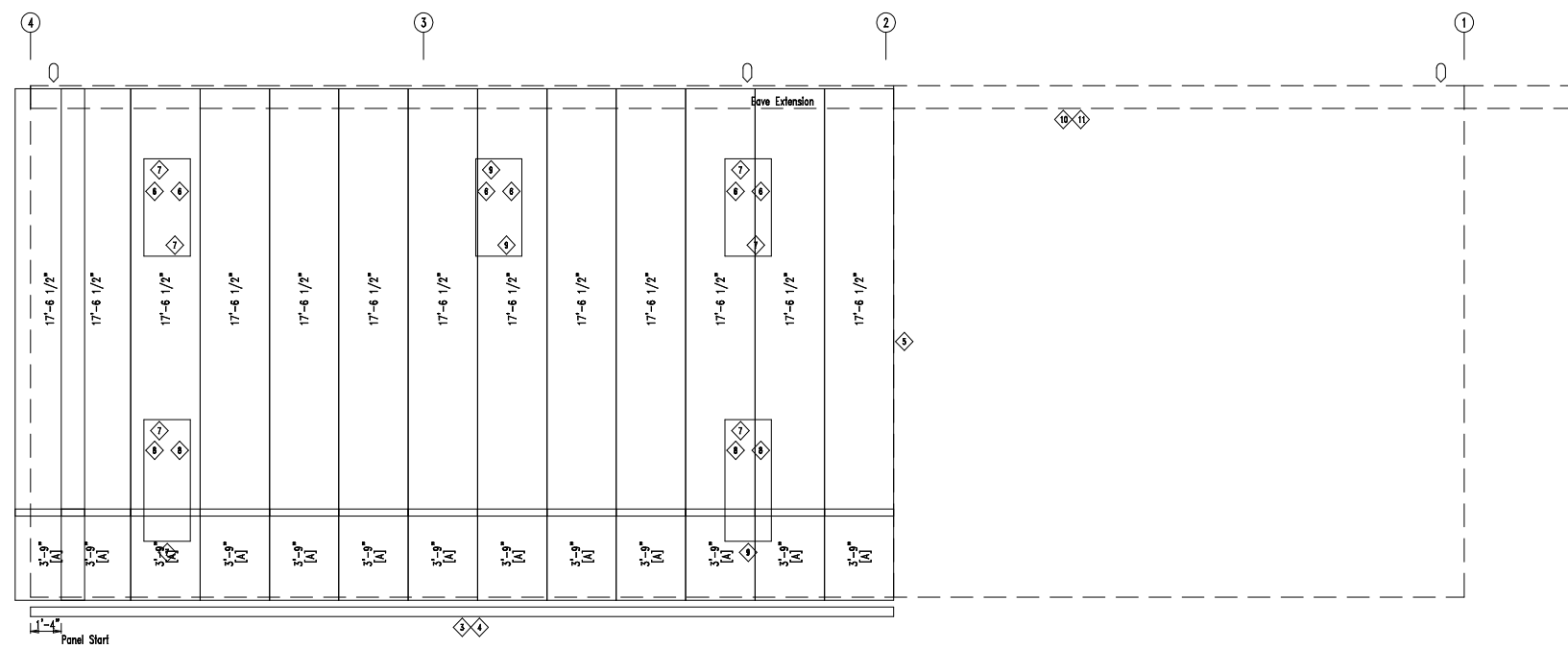
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NO.	NOTES	BY	DATE
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DOWNSPOUT LOCATIONS



SIDEWALL FRAMING: FRAME LINE B



SIDEWALL SHEETING & TRIM: FRAME LINE B
 PANELS: 26 Ga. PBR - Polar White
 [A] PANELS: 26 Ga. PBR - Black

BOLT TABLE
FRAME LINE B

LOCATION	QUAN	TYPE	DIA	LENGTH
WF-1 - WF-3	8	A325	3/4"	2 1/2"
WF-1 - RF3-1	16	A325	5/8"	2"
WF-1 - RF2-1	16	A325	5/8"	2"

PERIMETER BEAM BOLT TABLE
FRAME LINE B

ID	QUAN	TYPE	DIA	LENGTH
P1	2	A325	1/2"	1 1/2"

MEMBER TABLE
FRAME LINE B

MARK	PART	LENGTH
WF-1	W1464020	19'-6"
WF-3	W1464020	17'-7 3/8"
DJ-1	8X25C14	7'-2 7/8"
DJ-3	8X25C14	3'-11 1/2"
DS-1	8X25C14	1'-11 1/2"
E-1	E085322L	23'-1 1/4"
E-2	E085342L	19'-3 1/4"
E-3	E085342L	15'-11 1/4"
E-8	E085322L	5'-5 5/8"
G-12	8X25C14	17'-7 3/8"
G-19	8X25C14	15'-11 1/4"
G-22	8X25C14	3'-10 3/4"
G-23	8X25C14	15'-11 1/4"
G-24	8X25C14	15'-11 1/4"
G-25	8X25C14	9'-5"
G-26	8X25C14	11'-6 3/8"
G-27	8X25C14	17'-7 3/8"
G-28	8X25C14	17'-7 3/8"
G-29	8X25C14	17'-7 3/8"
G-30	8X25C14	3'-5 1/2"
MB-8	W10X12	19'-10 3/4"
MB-9	W10X12	16'-6 3/4"

TRIM TABLE
FRAME LINE B

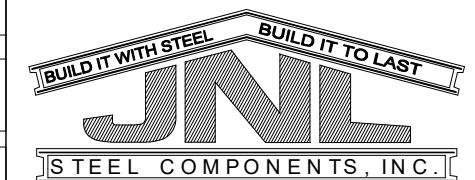
ID	MARK	LENGTH
3	SBPR	SCRAP
4	NAIL I	SCRAP
5	OCR	22'-6"
6	JTR	SCRAP
7	HTR	SCRAP
8	JTR	10'-6"
9	HTR	10'-6"
10	HTU	14'-6"
11	HTU	16'-6"

ANGLE TABLE
FRAME LINE B

ID	MARK	LENGTH
1	L4X2	SCRAP
2	L4X2	20'-0"

CONNECTION PLATES
FRAME LINE B

ID	MARK/PART
1	OC-3
2	DC-1
3	OC-1
4	OC-2



432-758-9900
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CUSTOMER INFO

PROJECT
 PB50637
 MADISON
 ODESSA, TX 79763

SHEET NAME/TITLE
 SIDEWALL FRAMING

DRAWN BY: BN DATE: 1/12/24

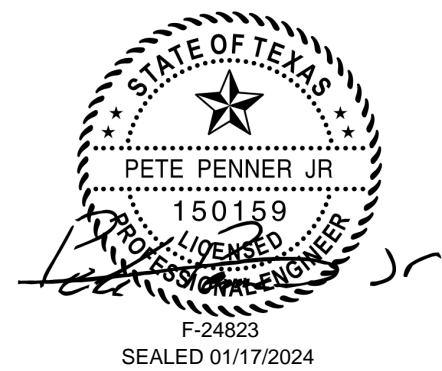
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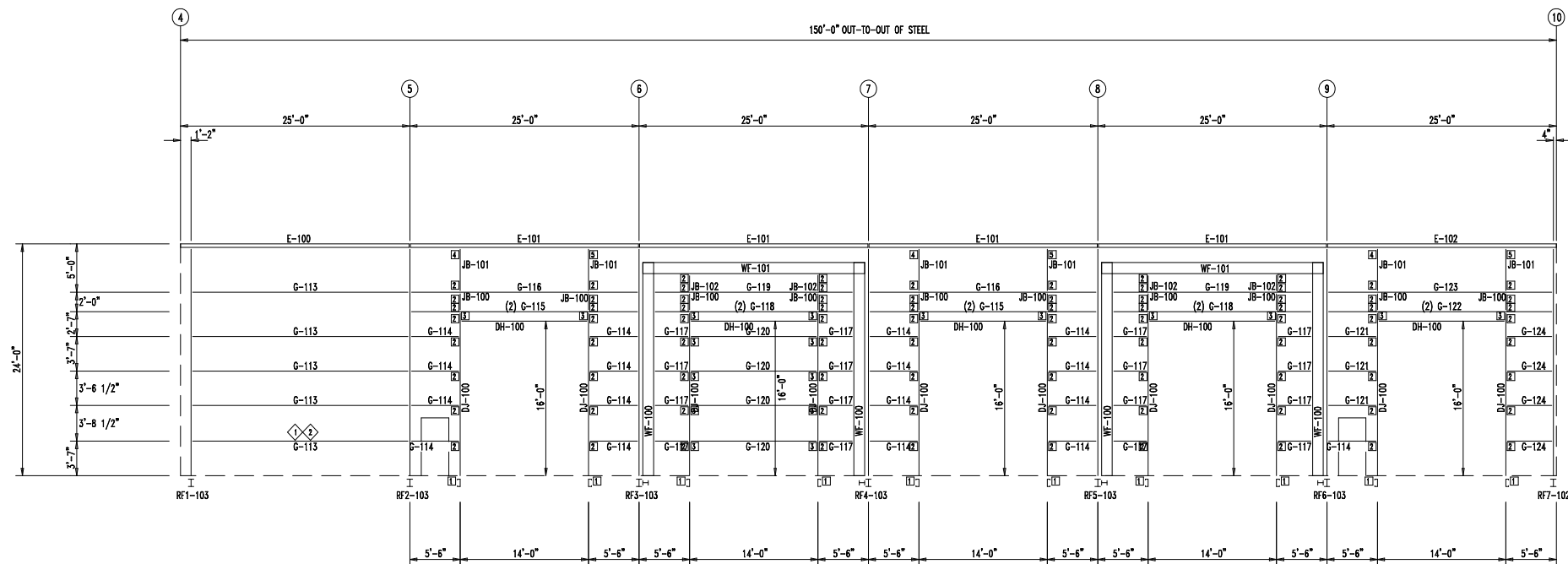
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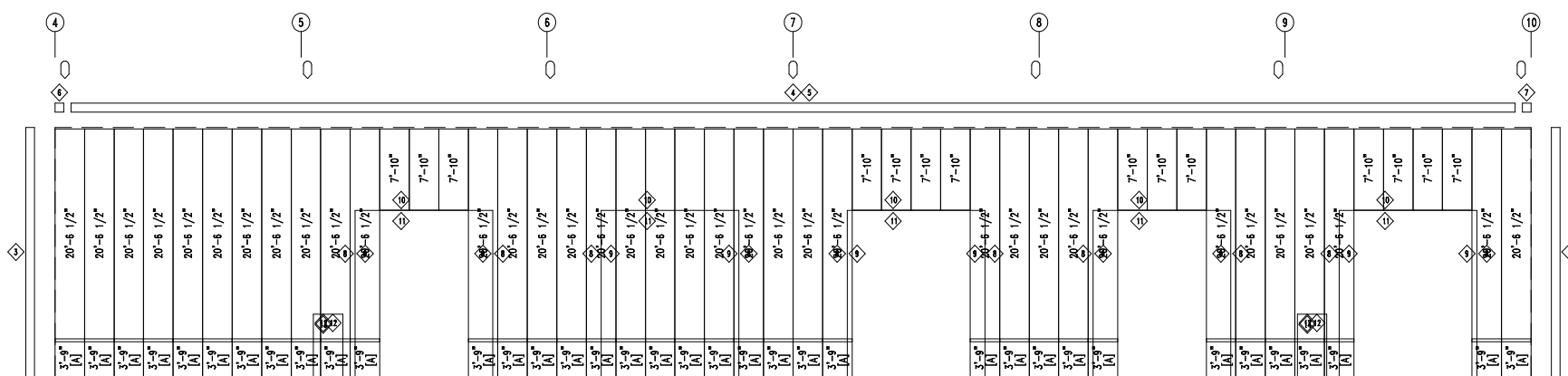
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DOWNSPOUT LOCATIONS



SIDEWALL FRAMING: FRAME LINE M



SIDEWALL SHEETING & TRIM: FRAME LINE M

PANELS: 26 Ga. PBR - Polar White
[A] PANELS: 26 Ga. PBR - Black

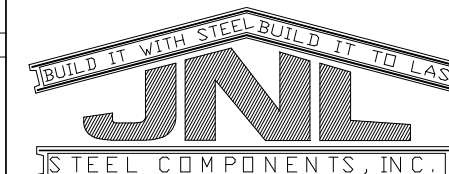
BOLT TABLE FRAME LINE M				
LOCATION	QUAN	TYPE	DIA	LENGTH
WF-100 - WF-101	8	A325	3/4"	2 1/2"
WF-100 - RF3-103	32	A325	5/8"	2"
WF-100 - RF4-103	32	A325	5/8"	2"
WF-100 - RF5-103	32	A325	5/8"	2"
WF-100 - RF6-103	32	A325	5/8"	2"

MEMBER TABLE FRAME LINE M		
MARK	PART	LENGTH
WF-100	W1464020	22'-6"
WF-101	W1464020	21'-9 3/8"
DJ-100	8X25C14	16'-7 7/8"
DH-100	8X25C14	13'-11 1/2"
E-100	E085342L	24'-11 1/2"
E-101	E085342L	24'-11 1/2"
E-102	E085342L	24'-11 1/2"
G-113	8X25Z14	23'-1 1/4"
G-114	8X25Z14	4'-9 7/8"
G-115	8X25Z14	24'-3 1/4"
G-116	8X25Z14	24'-3 1/4"
G-117	8X25Z14	3'-6 15/16"
G-118	8X25Z14	21'-9 3/8"
G-119	8X25Z14	21'-9 3/8"
G-120	8X25Z14	13'-11 1/2"
G-121	8X25Z14	4'-9 7/8"
G-122	8X25Z14	23'-11 1/4"
G-123	8X25Z14	23'-11 1/4"
G-124	8X25Z14	4'-5 7/8"
JB-100	8X25C14	1'-4 1/2"
JB-101	8X25C14	3'-11 5/8"
JB-102	8X25C14	1'-8 1/2"

TRIM TABLE FRAME LINE M		
ID	MARK	LENGTH
3	OCR	24'-6"
4	SG1R	21'-0"
5	SG1R	26'-3"
6	LEFT	6"
7	RIGHT	6"
8	JC08	16'-6"
9	JTR	16'-6"
10	JC08	14'-6"
11	HTR	14'-6"
12	JTR	10'-6"
13	HTR	10'-6"
14	HTR	SCRAP

ANGLE TABLE FRAME LINE M		
ID	MARK	LENGTH
1	L4X2	20'-0"
2	L4X2	SCRAP

CONNECTION PLATES FRAME LINE M		
ID	MARK/PART	
1	DC-1	
2	OC-1	
3	OC-2	
4	e100	
5	e101	



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CUSTOMER INFO

PROJECT
PB50637

MADISON

ODESSA, TX 79763

SHEET NAME/TITLE
SIDEWALL FRAMING

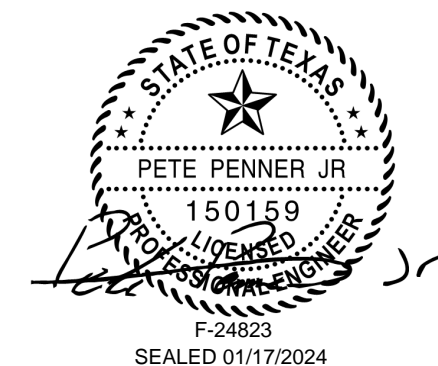
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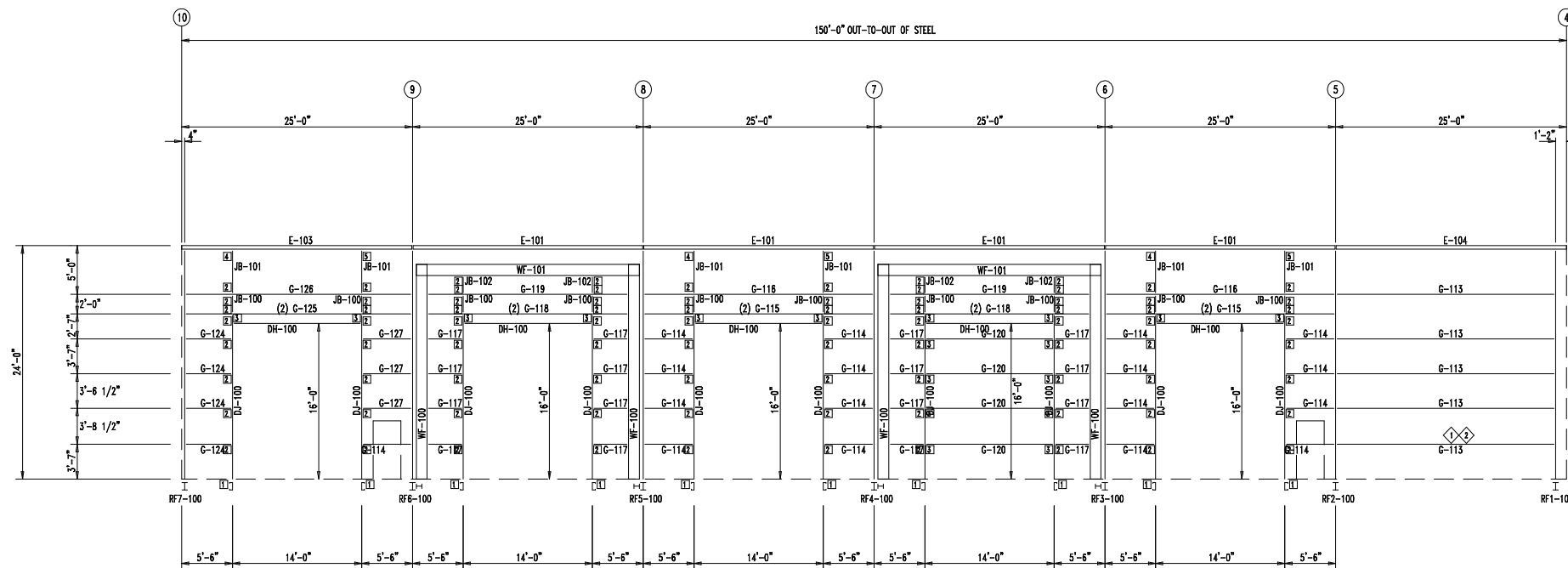
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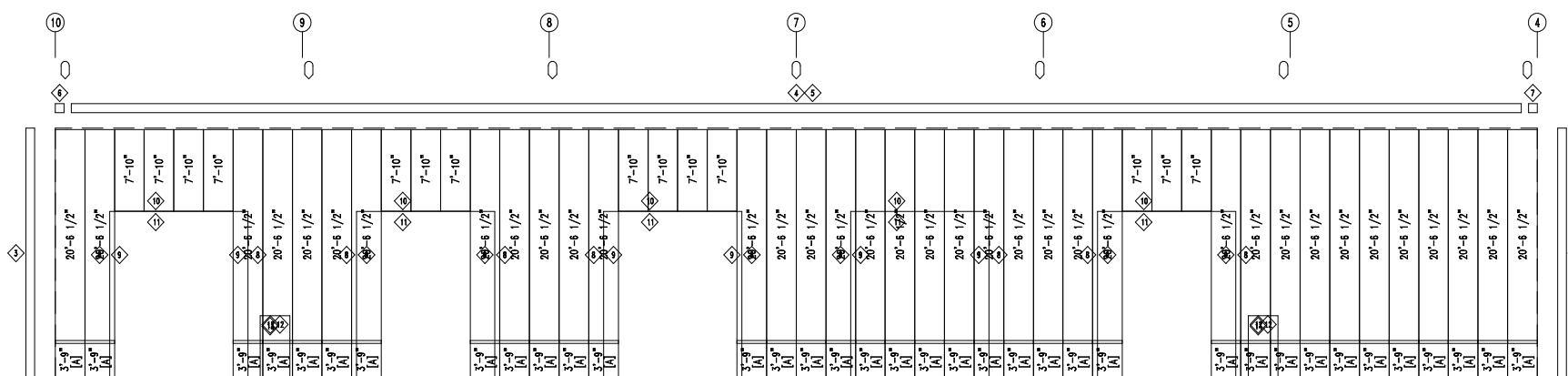
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DOWNSPOUT LOCATIONS



SIDEWALL FRAMING: FRAME LINE A



SIDEWALL SHEETING & TRIM: FRAME LINE A

PANELS: 26 Ga. PBR - Polar White
[A] PANELS: 26 Ga. PBR - Black

BOLT TABLE FRAME LINE A				
LOCATION	QUAN	TYPE	DIA	LENGTH
WF-100 - WF-101	8	A325	3/4"	2 1/2"
WF-100 - RF6-100	32	A325	5/8"	2"
WF-100 - RF5-100	32	A325	5/8"	2"
WF-100 - RF4-100	32	A325	5/8"	2"
WF-100 - RF3-100	32	A325	5/8"	2"

MEMBER TABLE FRAME LINE A		
MARK	PART	LENGTH
WF-100	W1464020	22'-6"
WF-101	W1464020	21'-9 3/8"
DJ-100	8X25C14	16'-7 7/8"
DH-100	8X25C14	13'-11 1/2"
E-101	E085342L	24'-11 1/2"
E-103	E085342L	24'-11 1/2"
E-104	E085342L	24'-11 1/2"
G-113	8X25Z14	23'-1 1/4"
G-114	8X25Z14	4'-9 7/8"
G-115	8X25Z14	24'-3 1/4"
G-116	8X25Z14	24'-3 1/4"
G-117	8X25Z14	3'-6 15/16"
G-118	8X25Z14	21'-9 3/8"
G-119	8X25Z14	21'-9 3/8"
G-120	8X25Z14	13'-11 1/2"
G-124	8X25Z14	4'-5 7/8"
G-125	8X25Z14	23'-11 1/4"
G-126	8X25Z14	23'-11 1/4"
G-127	8X25Z14	4'-9 7/8"
JB-100	8X25C14	1'-4 1/2"
JB-101	8X25C14	3'-11 5/8"
JB-102	8X25C14	1'-8 1/2"

TRIM TABLE FRAME LINE A		
ID	MARK	LENGTH
3	OCR	24'-6"
4	SG1R	21'-0"
5	SG1R	26'-3"
6	LEFT	6"
7	RIGHT	6"
8	JC08	16'-6"
9	JTR	16'-6"
10	JC08	14'-6"
11	HTR	14'-6"
12	JTR	10'-6"
13	HTR	SCRAP
14	HTR	10'-6"

ANGLE TABLE FRAME LINE A		
ID	MARK	LENGTH
1	L4X2	20'-0"
2	L4X2	SCRAP

CONNECTION PLATES FRAME LINE A		
ID	MARK/PART	
1	DC-1	
2	OC-1	
3	OC-2	
4	e100	
5	e101	



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SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50637

MADISON

ODESSA, TX 79763

SHEET NAME/TITLE
SIDEWALL FRAMING

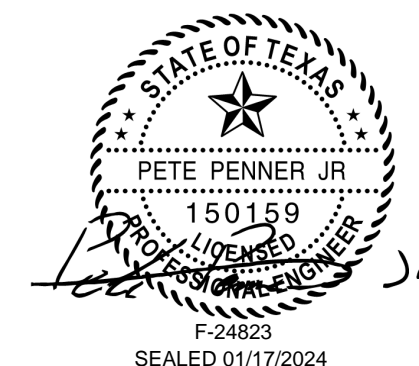
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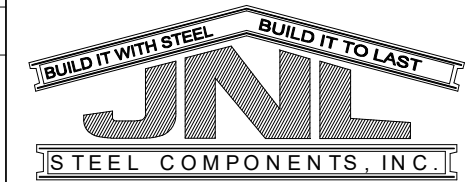


SPlice BOLT TABLE						
Mark	Qty		Int	Type	Dia	Length
	Top	Bot				
SP-1	4	4	2	A325	0.750	2.50
SP-2	4	4	0	A325	0.750	2.50

MEMBER TABLE						
Mark	Web Depth		Web Plate		Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
	Start/End	Thick	Length	Length		
RF1-1	8.0/29.2	0.135	211.0		6 x 3/8" x 242.8	6 x 1/2" x 220.3
	29.2/30.0	0.188	36.0		6 x 3/8" x 26.0	
	24.0/14.0	0.135	146.0		6 x 1/4" x 386.0	6 x 1/4" x 146.4
RF1-2	14.0/14.0	0.135	240.0			6 x 1/4" x 237.6
EB-2	W8X10					
EB-8	W8X10					

FLANGE BRACES: Both Sides(U.N.)
 FBxxD(1): xx=length(in)
 D - FB2X2X07

CONNECTION PLATES	
ID	Mark/Part
1	h1



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 PB50637
 MADISON
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SHEET NAME/TITLE
 RIGID FRAME ELEVATION

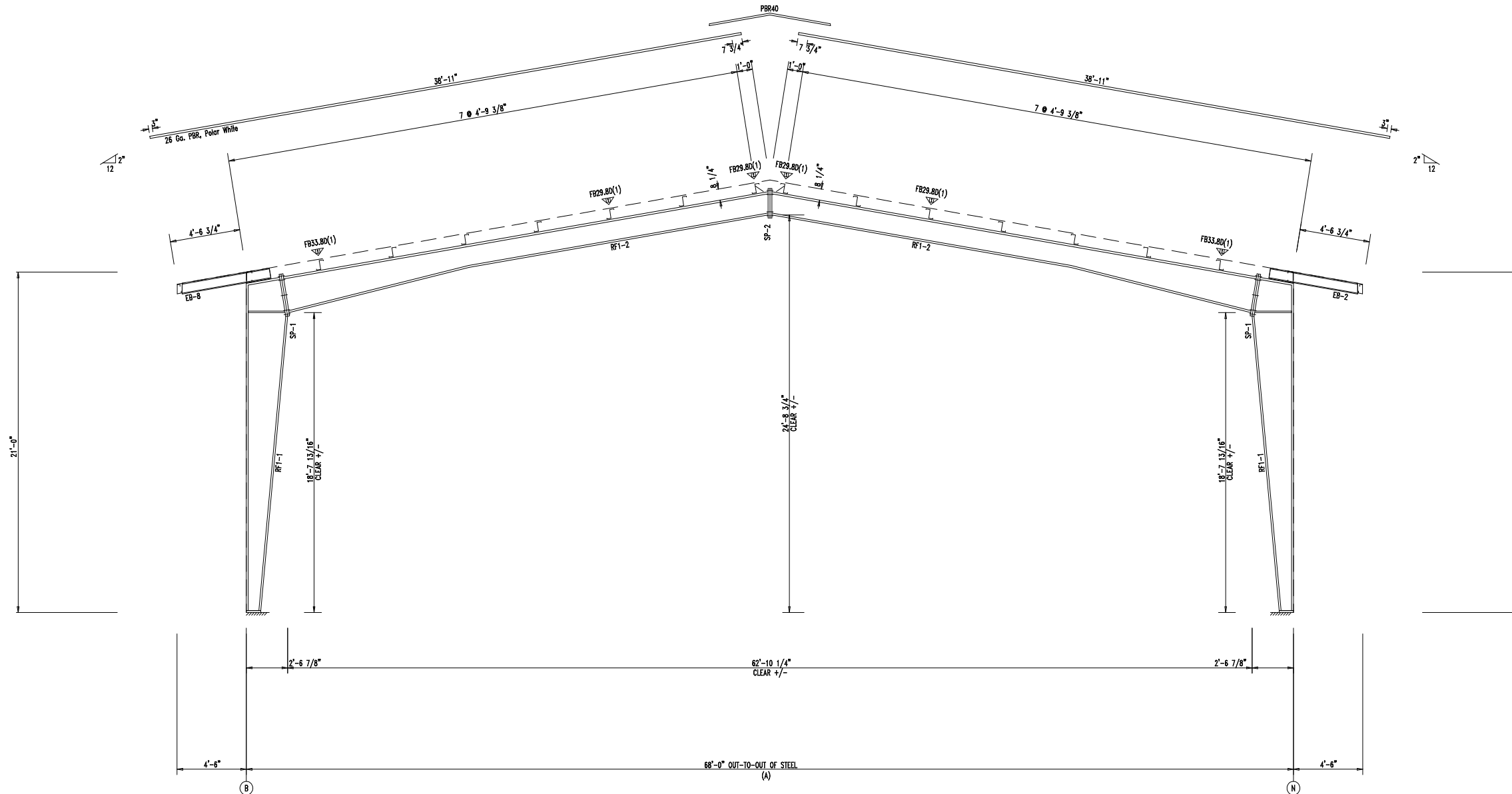
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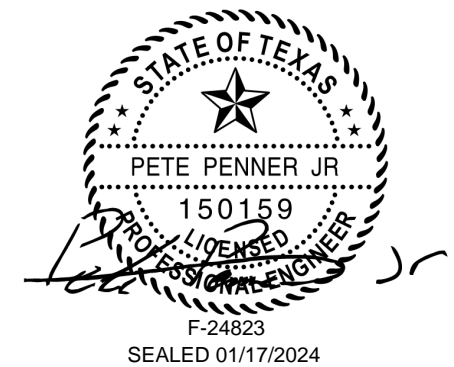
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 E19 of 51-- NTS

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RIGID FRAME ELEVATION: FRAME LINE 1



SPLICE BOLT TABLE						
Mark	Qty		Int	Type	Dia	Length
	Top	Bot				
SP-1	4	4	2	A325	0.750	2.50
SP-2	4	4	0	A325	0.750	2.50

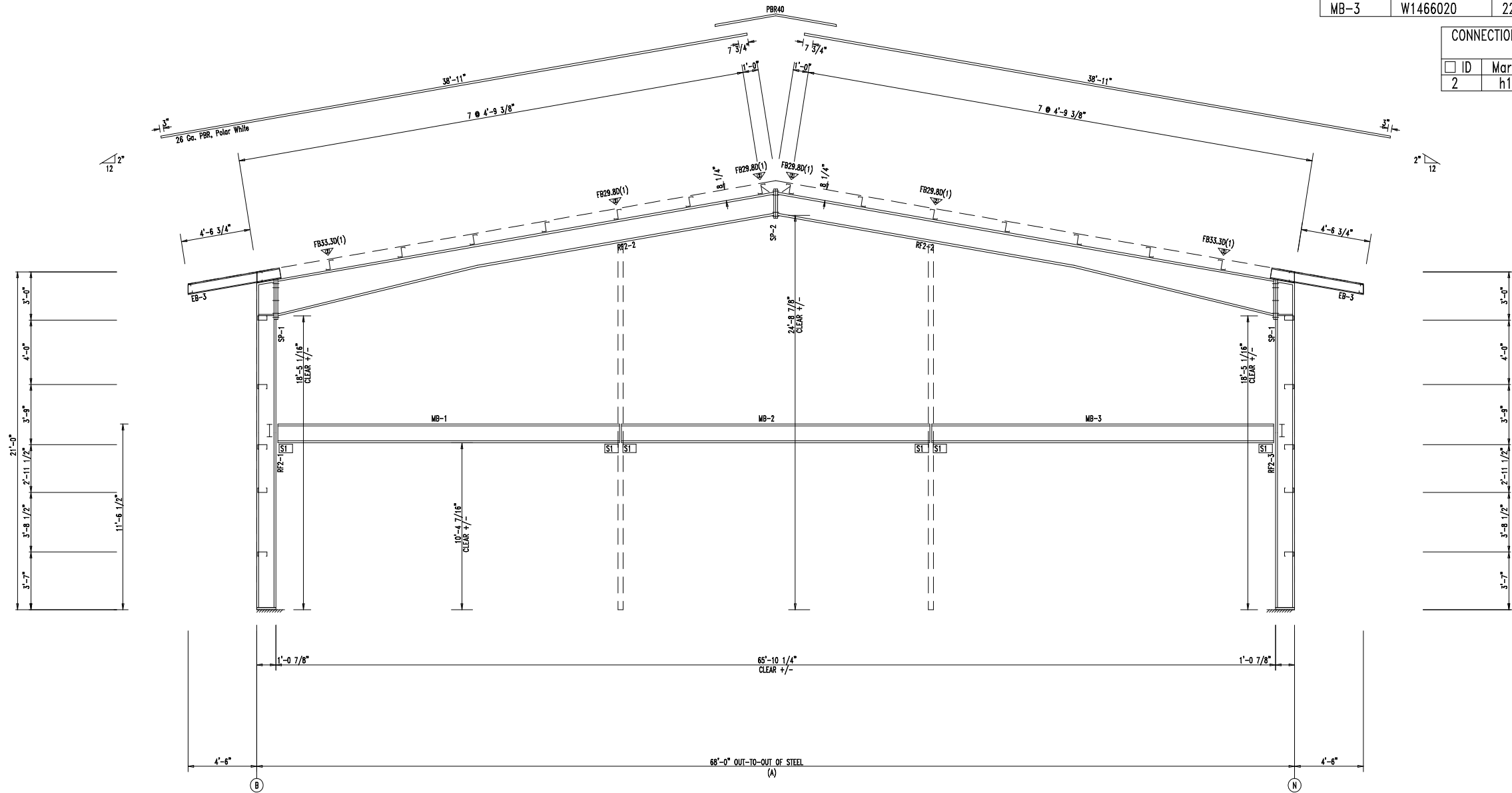
SUPPORT BEAM BOLT TABLE				
ID	Qty	Type	Dia	Length
S1	3	A325	0.750	2.50

FLANGE BRACES: Both Sides(U.N.)
 FBxxD(1): xx=length(in)
 D - FB2X2X07

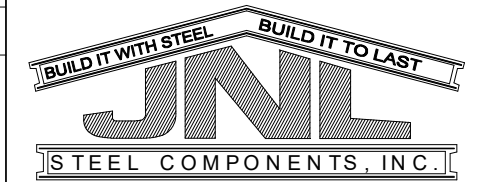
Mark	Web Depth		Web Plate		Outside Flange		Inside Flange	
	Start/End	Thick	Length	W x Thk x Length	W x Thk x Length	W x Thk x Length	W x Thk x Length	
RF2-1	12.0/12.0	0.135	208.9	6 x 1/4" x 127.5	6 x 3/8" x 115.4	6 x 1/2" x 89.1	6 x 3/8" x 127.5	
RF2-2	24.0/14.0	0.135	163.6	6 x 1/4" x 12.5	6 x 1/4" x 399.5		6 x 1/4" x 163.9	
RF2-3	12.0/12.0	0.250	36.0	6 x 1/4" x 12.5	6 x 3/8" x 115.4	6 x 1/2" x 89.1	6 x 3/8" x 127.5	
EB-3	W8X10							

BEAM TABLE		
Mark	Part	Length
MB-1	W1466020	22'-8 1/8"
MB-2	W1464020	20'-2 3/4"
MB-3	W1466020	22'-8 1/8"

CONNECTION PLATES	
ID	Mark/Part
2	h1



RIGID FRAME ELEVATION: FRAME LINE 2



432-758-9900
 430 US HWY 180 W
 SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
 PB50637
 MADISON
 ODESSA, TX 79763

SHEET NAME/TITLE
 RIGID FRAME ELEVATION

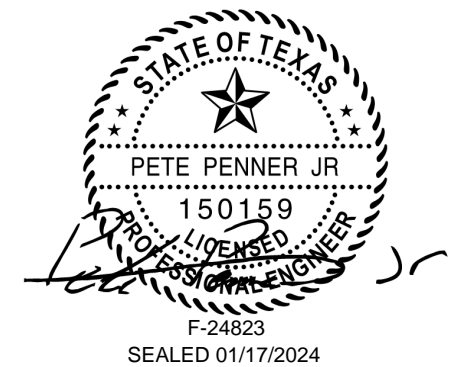
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 E20 of 51- NTS

REVISIONS			
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SPlice Bolt Table						
Mark	Qty		Int	Type	Dia	Length
	Top	Bot				
SP-1	4	4	2	A325	0.750	2.50
SP-2	4	4	0	A325	0.750	2.50

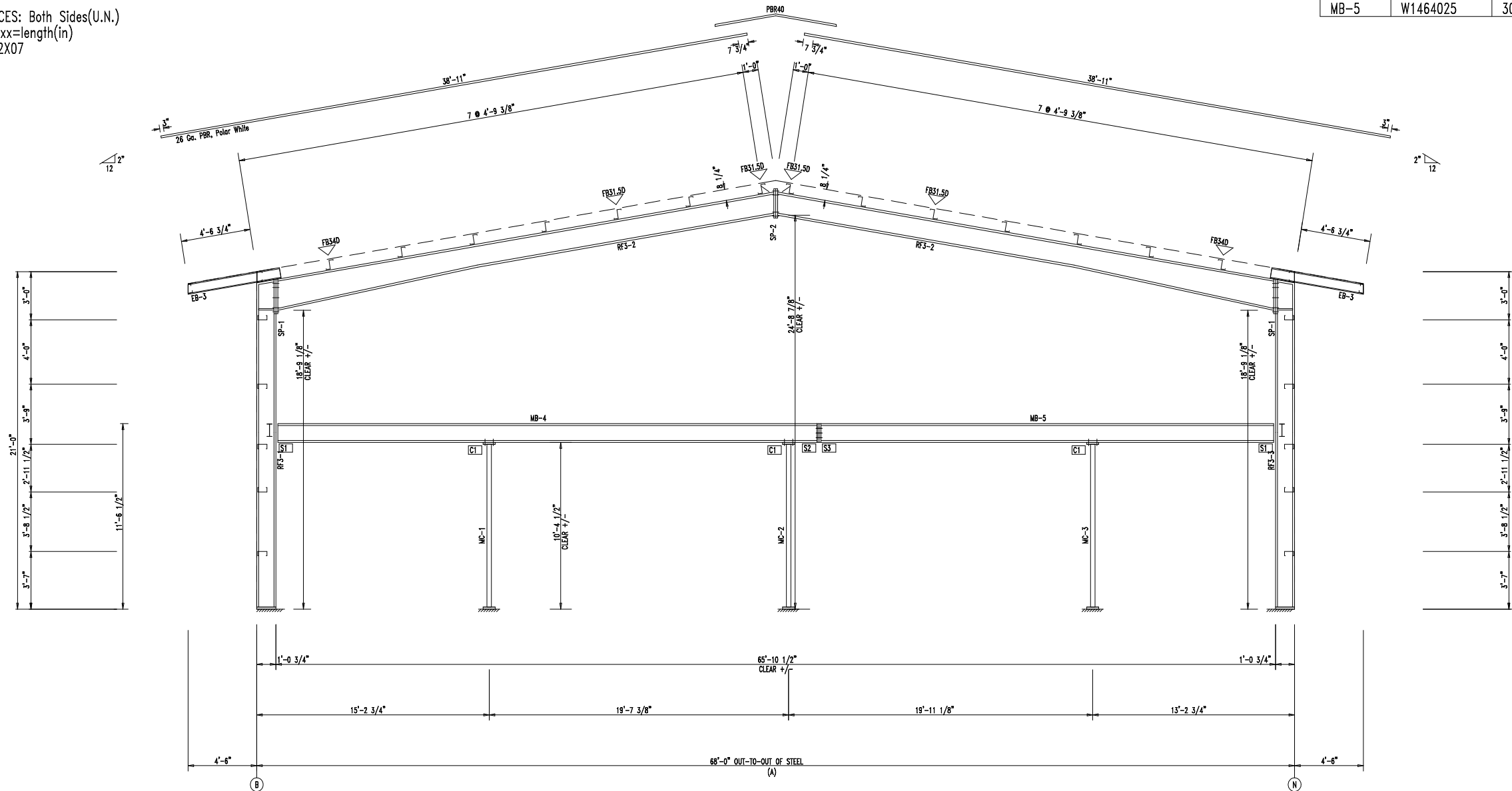
SUPPORT BEAM Bolt Table				
ID	Qty	Type	Dia	Length
S1	3	A325	0.750	2.50
S2	6	A325	0.750	2.50
S3	4	A325	0.750	2.50

SUPPORT COLUMN Bolt Table				
ID	Qty	Type	Dia	Length
C1	4	A325	0.750	2.50

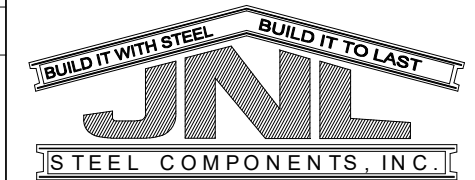
▽ FLANGE BRACES: Both Sides(U.N.)
 FBxxD(1): xx=length(in)
 D - FB2X2X07

Mark	Web Depth		Web Plate		Outside Flange		Inside Flange	
	Start/End	Thick	Thick	Length	W x Thk x Length	W x Thk x Length	W x Thk x Length	
RF3-1	12.0/12.0	0.135	0.135	208.9	6 x 1/4" x 242.9	6 x 1/4" x 127.5	6 x 1/2" x 93.2	
RF3-2	12.0/12.0	0.375	0.375	36.0	6 x 1/4" x 12.4	6 x 1/4" x 237.6	6 x 1/4" x 162.6	
RF3-3	20.0/14.0	0.135	0.135	162.5	6 x 1/4" x 399.1	6 x 1/4" x 237.6	6 x 1/4" x 162.6	
RF3-4	14.0/14.0	0.135	0.135	240.0	6 x 1/4" x 12.4	6 x 1/4" x 237.6	6 x 1/2" x 93.2	
RF3-5	12.0/12.0	0.375	0.375	36.0	6 x 1/4" x 12.4	6 x 1/4" x 242.9	6 x 1/2" x 93.2	
EB-3	12.0/12.0	0.135	0.135	208.9	6 x 1/4" x 242.9	6 x 1/4" x 127.5	6 x 1/4" x 127.5	
EB-3	W8X10							

BEAM TABLE		
Mark	Part	Length
MC-1	T035035D	10'-4 1/2"
MC-2	T035035D	10'-4 1/2"
MC-3	T035035C	10'-4 1/2"
MB-4	W1464025	35'-9 1/8"
MB-5	W1464025	30'-0 7/8"



RIGID FRAME ELEVATION: FRAME LINE 3



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 430 US HWY 180 W
 SEMINOLE, TX 79360

CUSTOMER INFO

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MADISON
 ODESSA, TX 79763

SHEET NAME/TITLE
 RIGID FRAME ELEVATION

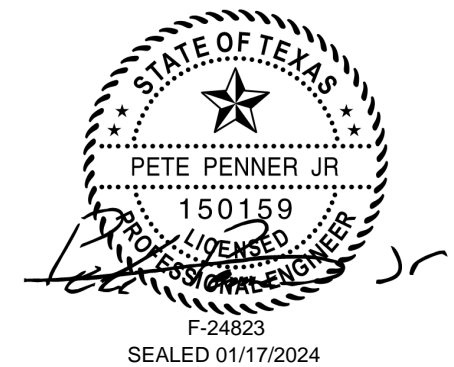
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 E21 of 51-- NTS

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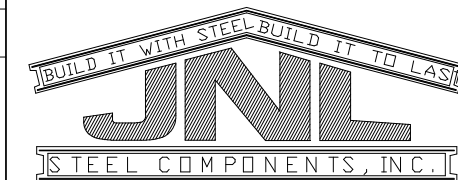
SPLICE BOLT TABLE						
Mark	Qty		Int	Type	Dia	Length
	Top	Bot				
SP-1	4	4	0	A325	0.750	2.50
SP-2	4	4	2	A325	0.750	2.50

SUPPORT BEAM BOLT TABLE				
ID	Qty	Type	Dia	Length
S1	3	A325	0.750	2.50
S2	6	A325	0.750	2.50
S3	4	A325	0.750	2.50

SUPPORT COLUMN BOLT TABLE				
ID	Qty	Type	Dia	Length
C1	4	A325	0.750	2.50

▽ FLANGE BRACES: Both Sides(U.N.)
 FBxxD(1): xx=length(in)
 D - FB2X2X07

Mark	Web Depth		Web Plate		Outside Flange		Inside Flange	
	Start/End	Thick	Length	Thick	W x Thk x Length	W x Thk x Length	W x Thk x Length	
RF4-1	12.0/12.0	0.135	208.9	0.135	8 x 1/4" x 242.9	8 x 1/4" x 127.5	8 x 3/8" x 97.2	
	12.0/12.0	0.500	36.0	0.135	8 x 1/4" x 12.4	6 x 1/2" x 165.8	6 x 1/4" x 233.3	
RF4-2	16.0/16.0	0.135	298.0	0.135	6 x 1/4" x 399.1	8 x 3/8" x 97.2	8 x 1/4" x 127.5	
	16.0/16.0	0.135	103.8	0.135	8 x 1/4" x 12.4	6 x 1/4" x 242.9	8 x 3/8" x 97.2	
RF4-3	12.0/12.0	0.500	36.0	0.135	8 x 1/4" x 12.4	6 x 1/4" x 242.9	8 x 3/8" x 97.2	
	12.0/12.0	0.135	208.9	0.135	8 x 1/4" x 12.4	6 x 1/4" x 242.9	8 x 3/8" x 97.2	
EB-4	W8X10							
EB-7	W8X10							
RF1-100	8.0/22.0	0.135	281.9	0.135	6 x 1/4" x 278.9	6 x 1/4" x 258.5	6 x 1/4" x 258.5	
	20.0/16.0	0.135	229.9	0.135	6 x 1/4" x 18.5	6 x 1/4" x 229.9	6 x 1/4" x 234.0	
RF1-101	16.0/16.0	0.135	236.7	0.135	6 x 1/4" x 466.6	6 x 1/4" x 234.0	6 x 1/4" x 234.0	
	16.0/16.0	0.135	236.7	0.135	6 x 1/4" x 466.6	6 x 1/4" x 229.9	6 x 1/4" x 229.9	
RF1-102	16.0/16.0	0.135	236.7	0.135	6 x 1/4" x 466.6	6 x 1/4" x 229.9	6 x 1/4" x 229.9	
	16.0/20.0	0.135	229.9	0.135	6 x 1/4" x 18.5	6 x 1/4" x 258.5	6 x 1/4" x 258.5	
RF1-103	22.0/8.0	0.135	281.9	0.135	6 x 1/4" x 18.5	6 x 1/4" x 258.5	6 x 1/4" x 258.5	
	22.0/8.0	0.135	281.9	0.135	6 x 1/4" x 278.9			



432-758-9900
 430 US HWY 180 W
 SEMINOLE, TX 79360

CUSTOMER INFO

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 PB50637

MADISON
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 RIGID FRAME ELEVATION

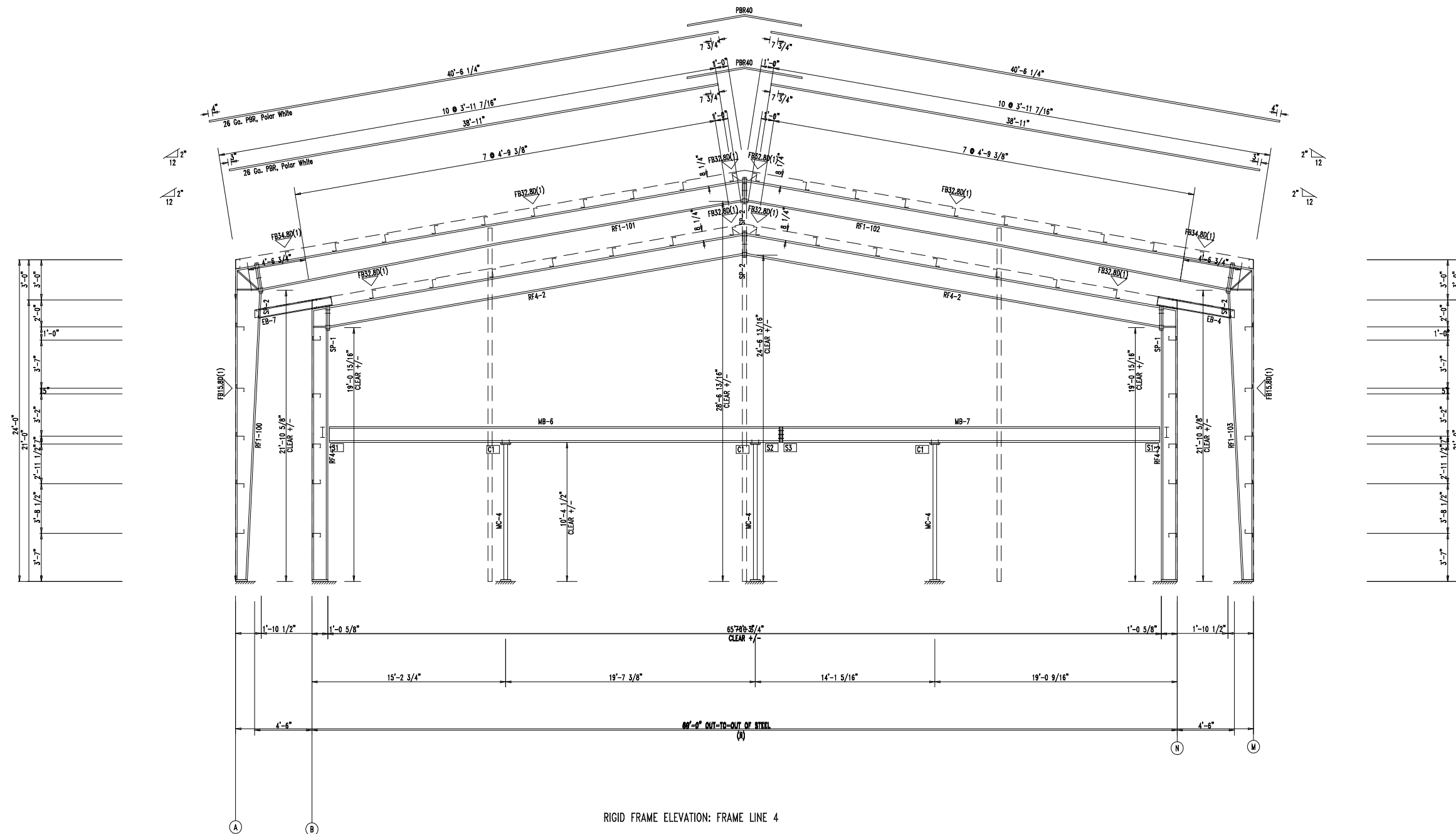
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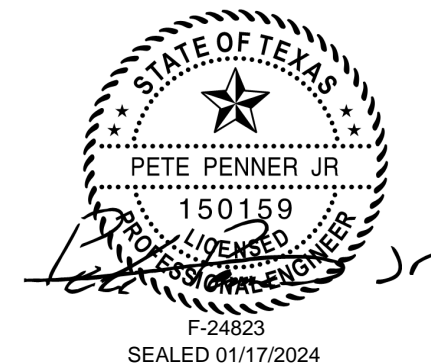
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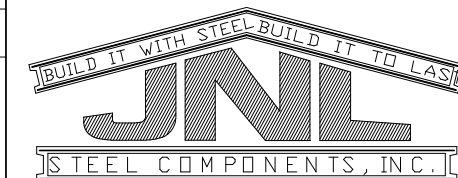


RIGID FRAME ELEVATION: FRAME LINE 4



SPlice Bolt Table							CAP PLATE BOLTS				
Mark	Qty Top	Qty Bot	Int	Type	Dia	Length	Mark	Qty	Type	Dia	Length
SP-1	4	4	2	A325	0.750	2.50	RF2-104	8	A325	0.750	2.50
SP-2	4	4	0	A325	0.750	2.50					

Mark	Web Depth		Web Plate		Outside Flange		Inside Flange	
	Start/End	Thick	Thick	Length	W x Thk x Length	W x Thk x Length	W x Thk x Length	
RF2-100	22.0/22.0	0.135	0.135	282.6	6 x 1/4" x 278.9	6 x 1/4" x 254.3		
RF2-101	24.0/15.0	0.135	0.135	299.0	6 x 1/4" x 22.5		6 x 1/4" x 400.2	
RF2-102	15.0/12.0	0.135	0.135	101.0	6 x 1/4" x 66.0		6 x 1/4" x 51.2	
RF2-103	12.1/22.8	0.135	0.135	130.3	6 x 1/4" x 66.0		6 x 1/4" x 51.2	
RF2-104	22.0/22.0	0.135	0.135	282.6	6 x 1/4" x 22.5		6 x 1/4" x 254.3	
RF2-104								
Brkt1				W1686030				
Brkt2				W16X26				
Brkt3				W16X26				
Brkt4				W16X26				



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430 US HWY 180 W
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FLANGE BRACES: Both Sides(U.N.)
FBxxD(1): xx=length(in)
D - FB2X2X07

CUSTOMER INFO

PROJECT
PB50637

MADISON
ODESSA, TX 79763

SHEET NAME/TITLE
RIGID FRAME ELEVATION

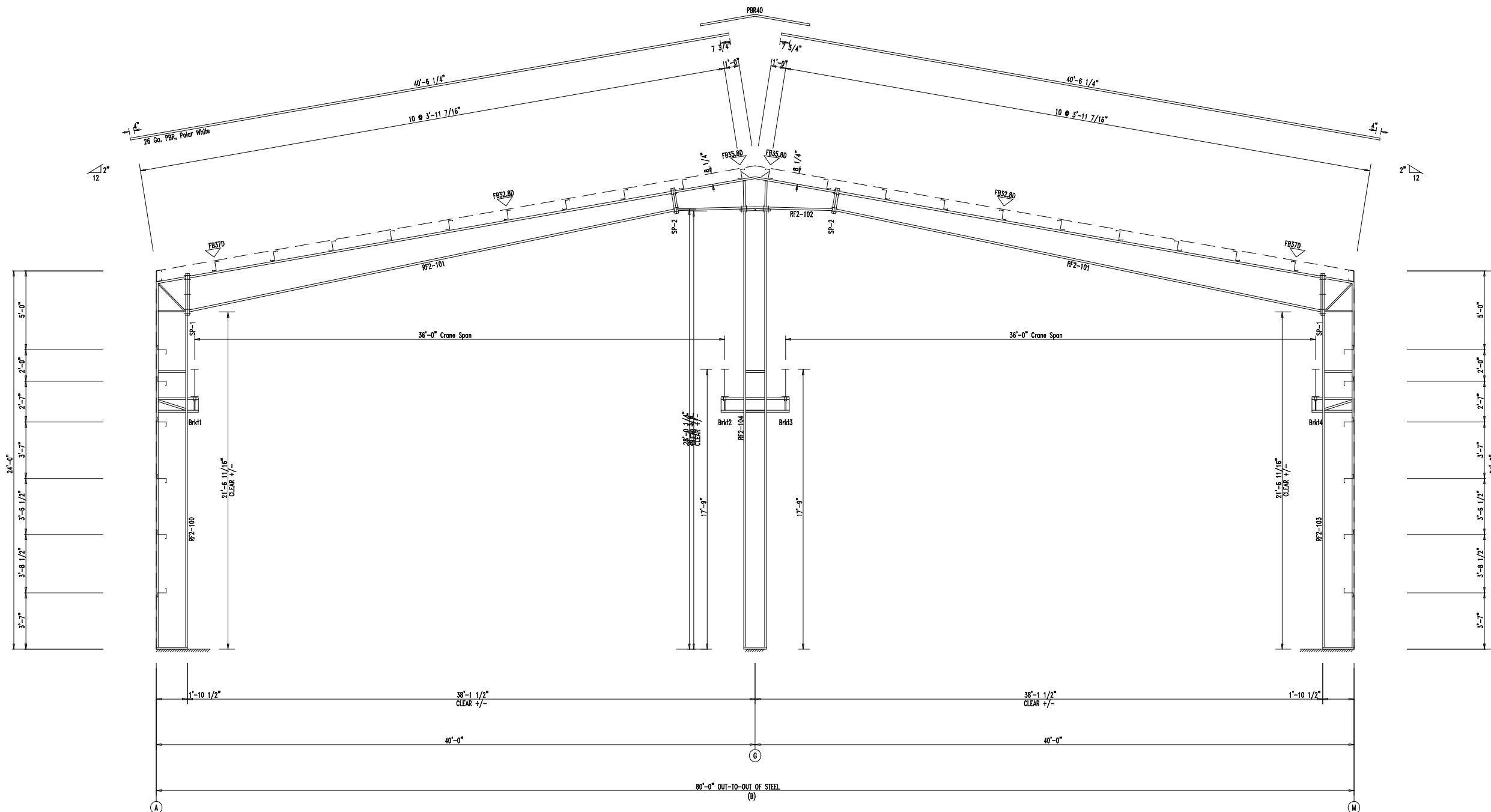
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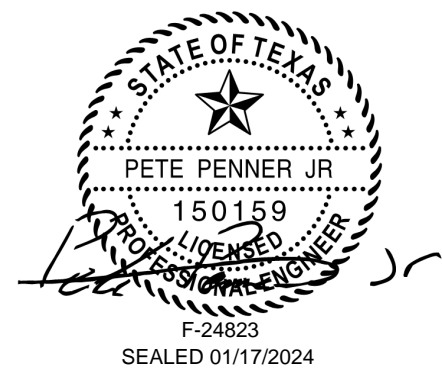
APPROVED BY: DATE: 1/12/24

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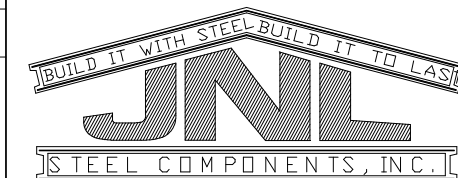
RIGID FRAME ELEVATION: FRAME LINE 5



SPLICE BOLT TABLE							CAP PLATE BOLTS				
Mark	Qty		Int	Type	Dia	Length	Mark	Qty	Type	Dia	Length
	Top	Bot									
SP-1	4	4	2	A325	0.750	2.50	RF3-104	8	A325	0.750	2.50
SP-2	4	4	0	A325	0.750	2.50					

Mark	Web Depth		Web Plate		Outside Flange		Inside Flange	
	Start/End	Thick	Thick	Length	W x Thk x Length	W x Thk x Length	W x Thk x Length	
RF3-100	22.0/22.0	0.135	0.135	282.6	6 x 1/4" x 278.9	6 x 1/4" x 254.3		
RF3-101	24.0/15.0	0.135	0.135	299.0	6 x 1/4" x 22.5		6 x 1/4" x 400.2	
RF3-102	15.0/12.0	0.135	0.135	101.0	6 x 1/4" x 396.0			
RF3-103	12.1/22.8	0.135	0.135	130.3	6 x 1/4" x 66.0		6 x 1/4" x 51.2	
RF3-104	22.0/22.0	0.135	0.135	282.6	6 x 1/4" x 66.0		6 x 1/4" x 51.2	
RF3-105					6 x 1/4" x 22.5		6 x 1/4" x 254.3	
RF3-106					6 x 1/4" x 278.9			
RF3-107								
RF3-108								
RF3-109								
RF3-110								
RF3-111								
RF3-112								
RF3-113								
RF3-114								
RF3-115								
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RF3-193								
RF3-194								
RF3-195								
RF3-196								
RF3-197								
RF3-198								
RF3-199								
RF3-200								

FLANGE BRACES: Both Sides(U.N.)
 FBxxD(1): xx=length(in)
 D - FB2X2X07



432-758-9900
 430 US HWY 180 W
 SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
 PB50637
 MADISON
 ODESSA, TX 79763

SHEET NAME/TITLE
 RIGID FRAME ELEVATION

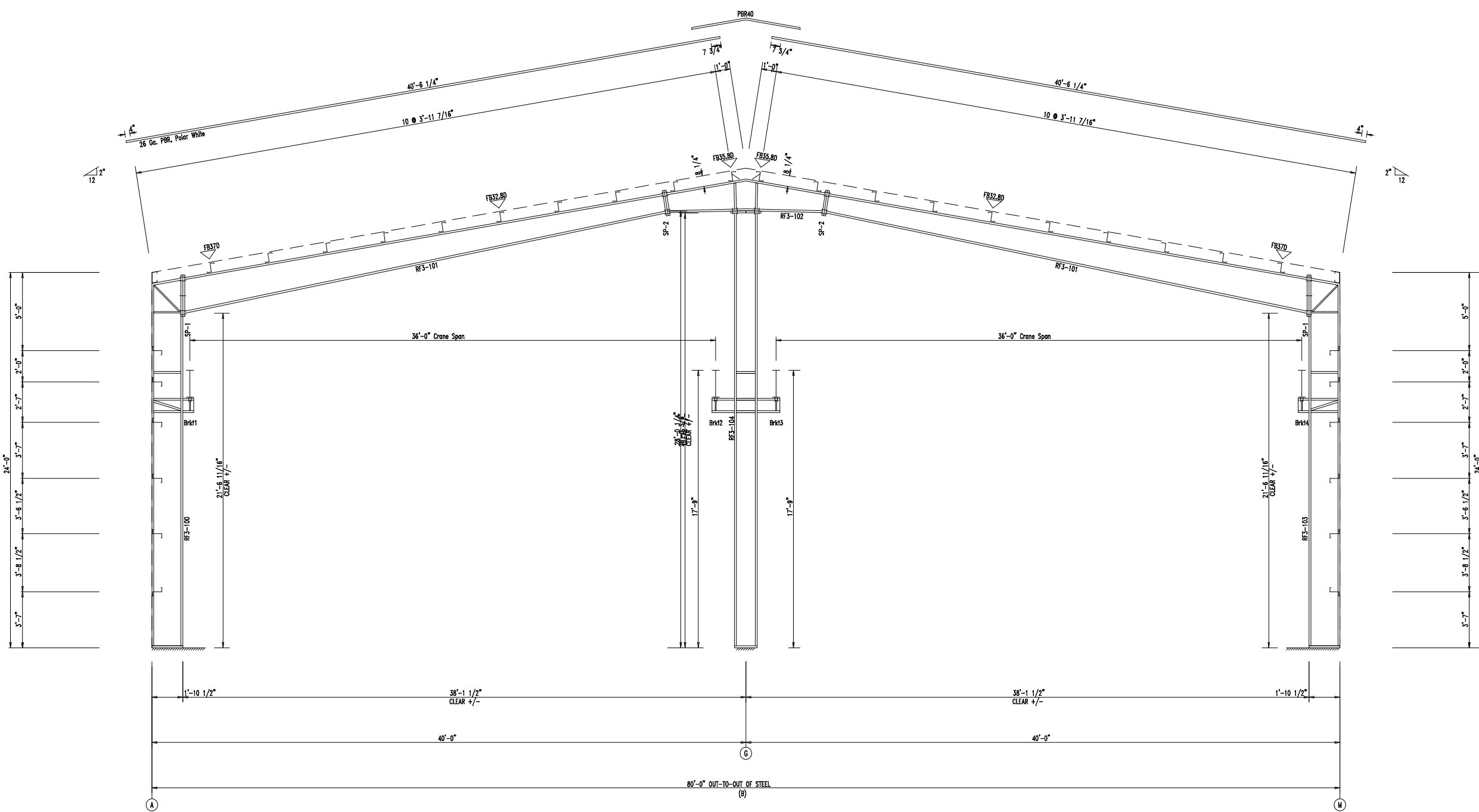
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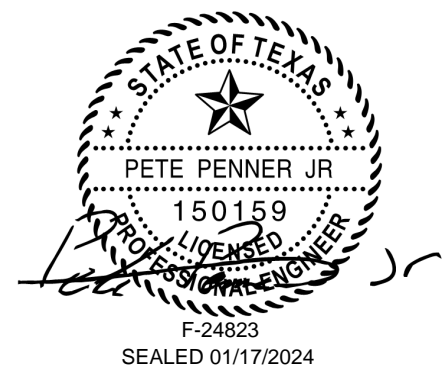
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REVISIONS			
NO.	NOTES	BY	DATE
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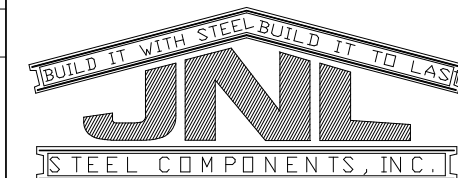


RIGID FRAME ELEVATION: FRAME LINE 6



SPLICE BOLT TABLE							CAP PLATE BOLTS				
Mark	Qty		Int	Type	Dia	Length	Mark	Qty	Type	Dia	Length
	Top	Bot									
SP-1	4	4	2	A325	0.750	2.50	RF4-104	8	A325	0.750	2.50
SP-2	4	4	0	A325	0.750	2.50					

Mark	Web Depth		Web Plate		Outside Flange		Inside Flange	
	Start/End	Thick	Thick	Length	W x Thk x Length	W x Thk x Length	W x Thk x Length	
RF4-100	22.0/22.0	0.135	0.135	282.6	6 x 1/4" x 278.9	6 x 1/4" x 254.3		
RF4-101	24.0/15.0	0.135	0.135	299.0	6 x 1/4" x 22.5		6 x 1/4" x 400.2	
RF4-102	15.0/12.0	0.135	0.135	101.0	6 x 1/4" x 396.0			
RF4-103	12.1/22.8	0.135	0.135	130.3	6 x 1/4" x 66.0		6 x 1/4" x 51.2	
RF4-104	22.0/22.0	0.135	0.135	282.6	6 x 1/4" x 66.0		6 x 1/4" x 51.2	
RF4-104	22.0/22.0	0.135	0.135	282.6	6 x 1/4" x 22.5		6 x 1/4" x 254.3	
RF4-104	22.0/22.0	0.135	0.135	282.6	6 x 1/4" x 278.9			
Brkt1	W1686030							
Brkt2	W16X26							
Brkt3	W16X26							
Brkt4	W16X26							



432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

FLANGE BRACES: Both Sides(U.N.)
FBxxD(1): xx=length(in)
D - FB2X2X07

CUSTOMER INFO

PROJECT
PB50637

MADISON
ODESSA, TX 79763

SHEET NAME/TITLE
RIGID FRAME ELEVATION

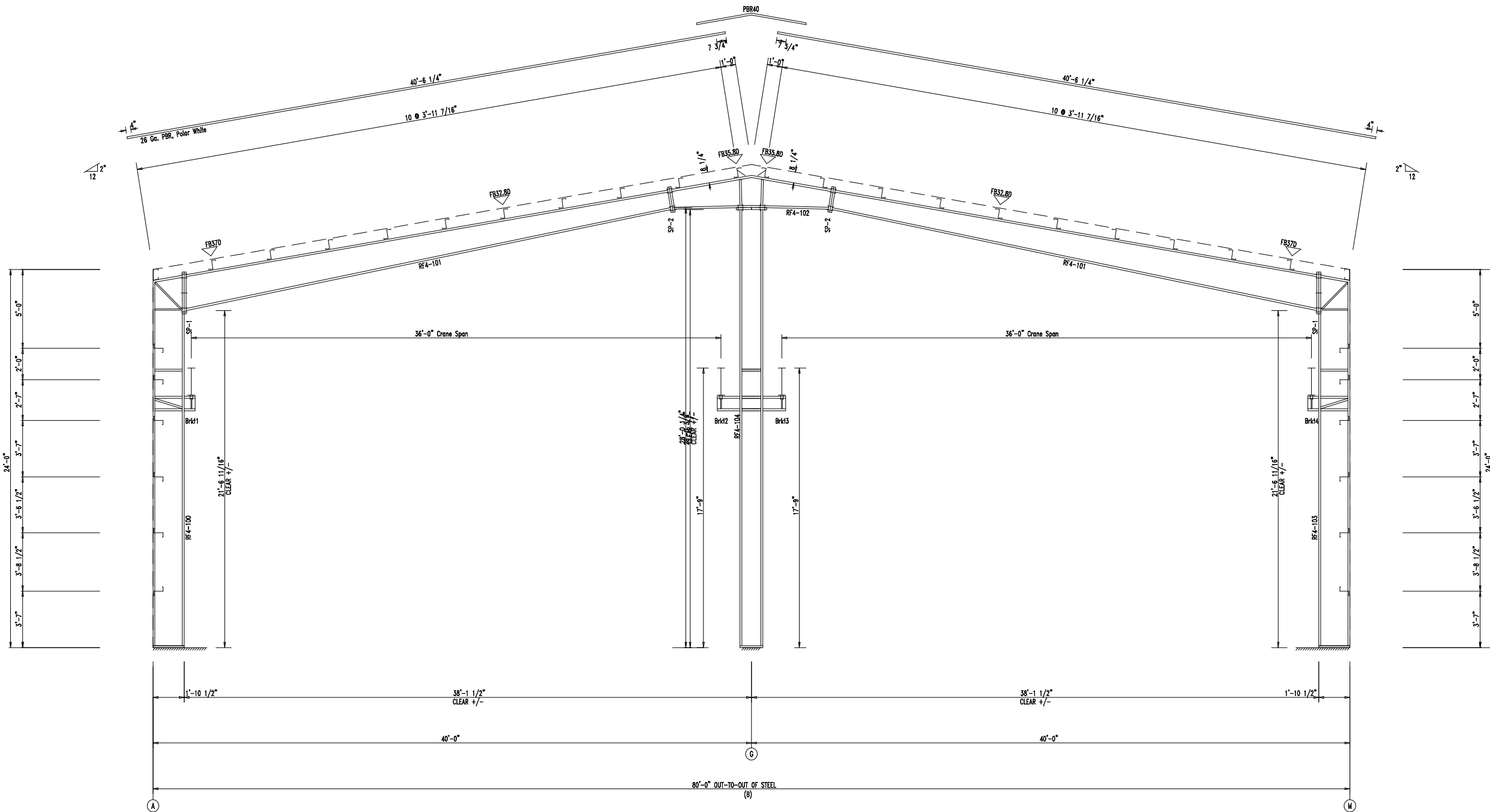
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BN
DATE
1/12/24

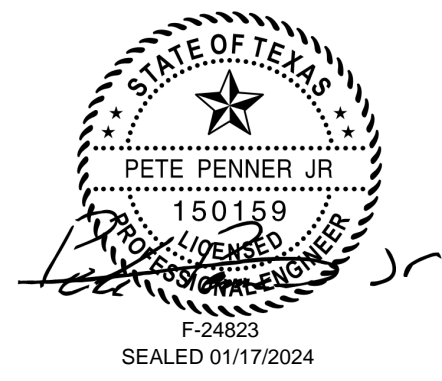
APPROVED BY
DATE
1/12/24

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E29 of 51- NTS

REVISIONS			
NO.	NOTES	BY	DATE
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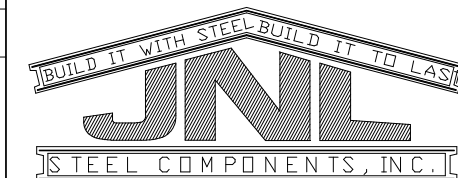


RIGID FRAME ELEVATION: FRAME LINE 7



SPLICE BOLT TABLE							CAP PLATE BOLTS				
Mark	Qty		Int	Type	Dia	Length	Mark	Qty	Type	Dia	Length
	Top	Bot									
SP-1	4	4	2	A325	0.750	2.50	RF5-104	8	A325	0.750	2.50
SP-2	4	4	0	A325	0.750	2.50					

Mark	Web Depth		Web Plate		Outside Flange		Inside Flange	
	Start/End	Thick	Thick	Length	W x Thk x Length	W x Thk x Length	W x Thk x Length	
RF5-100	22.0/22.0	0.135	0.135	282.6	6 x 1/4" x 278.9	6 x 1/4" x 254.3		
RF5-101	24.0/15.0	0.135	0.135	299.0	6 x 1/4" x 22.5		6 x 1/4" x 400.2	
RF5-102	15.0/12.0	0.135	0.135	101.0	6 x 1/4" x 396.0			
RF5-103	12.1/22.8	0.135	0.135	130.3	6 x 1/4" x 66.0		6 x 1/4" x 51.2	
RF5-104	22.0/22.0	0.135	0.135	282.6	6 x 1/4" x 66.0		6 x 1/4" x 51.2	
RF5-104	W1686030				6 x 1/4" x 22.5		6 x 1/4" x 254.3	
Brkt1	W16X26							
Brkt2	W16X26							
Brkt3	W16X26							
Brkt4	W16X26							



432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

FLANGE BRACES: Both Sides(U.N.)
FBxxD(1): xx=length(in)
D - FB2X2X07

CUSTOMER INFO

PROJECT
PB50637

MADISON
ODESSA, TX 79763

SHEET NAME/TITLE
RIGID FRAME ELEVATION

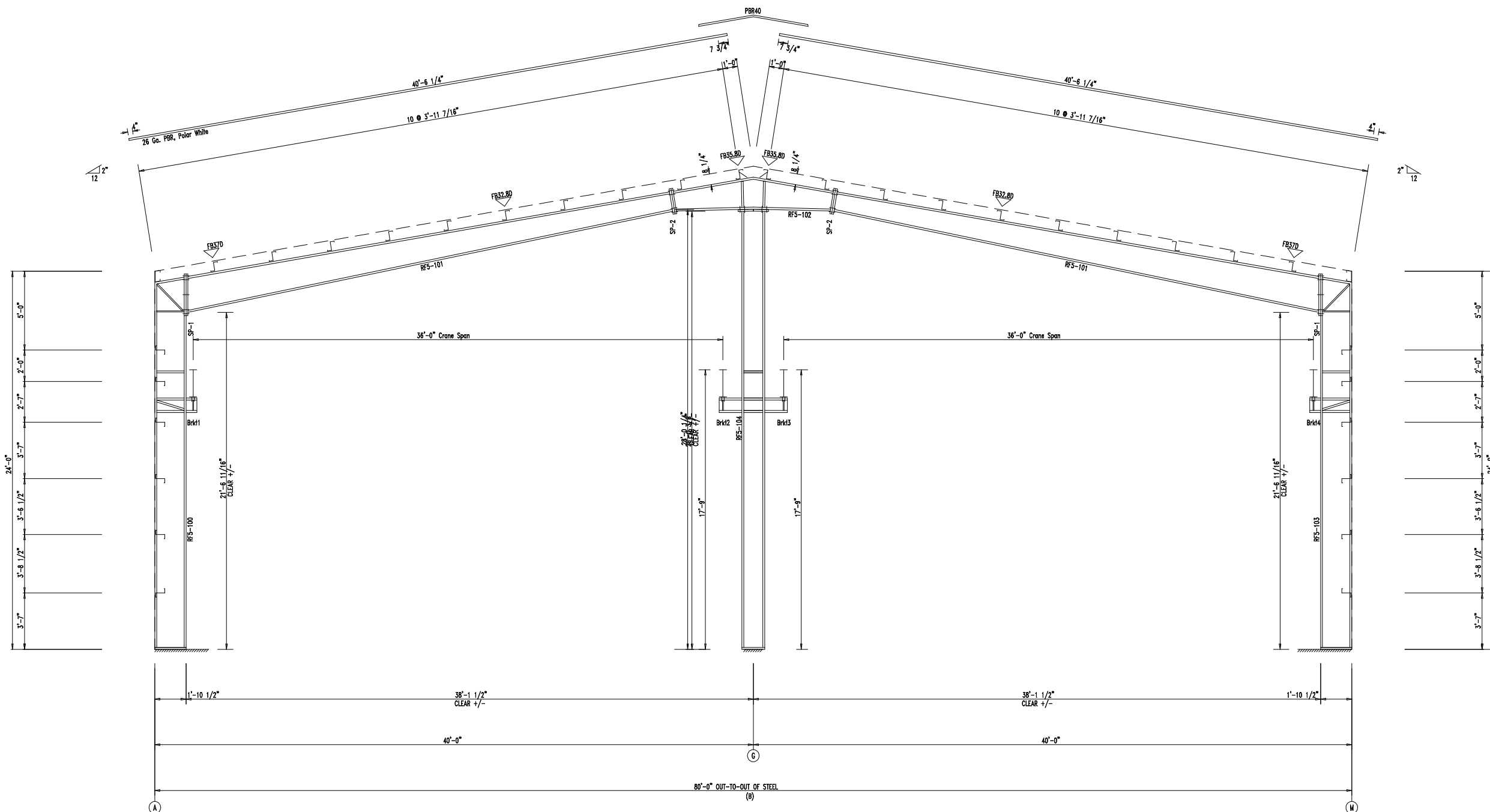
DRAWN BY: BN DATE: 1/12/24

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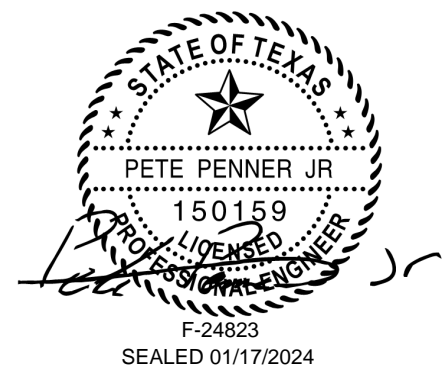
APPROVED BY: DATE: 1/12/24

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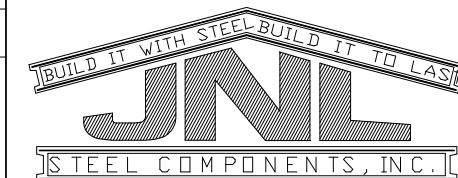


RIGID FRAME ELEVATION: FRAME LINE 8



SPLICE BOLT TABLE							CAP PLATE BOLTS				
Mark	Qty		Int	Type	Dia	Length	Mark	Qty	Type	Dia	Length
	Top	Bot									
SP-1	4	4	2	A325	0.750	2.50	RF6-104	8	A325	0.750	2.50
SP-2	4	4	0	A325	0.750	2.50					

Mark	Web Depth		Web Plate		Outside Flange		Inside Flange	
	Start/End	Thick	Thick	Length	W x Thk x Length	W x Thk x Length	W x Thk x Length	
RF6-100	22.0/22.0	0.135	0.135	282.6	6 x 1/4" x 278.9	6 x 1/4" x 254.3	6 x 1/4" x 254.3	
RF6-101	24.0/15.0	0.135	0.135	299.0	6 x 1/4" x 22.5	6 x 1/4" x 396.0	6 x 1/4" x 400.2	
RF6-102	15.0/12.0	0.135	0.135	101.0	6 x 1/4" x 66.0	6 x 1/4" x 66.0	6 x 1/4" x 51.2	
RF6-103	12.1/22.8	0.135	0.135	130.3	6 x 1/4" x 66.0	6 x 1/4" x 22.5	6 x 1/4" x 51.2	
RF6-104	22.0/22.0	0.135	0.135	282.6	6 x 1/4" x 22.5	6 x 1/4" x 278.9	6 x 1/4" x 254.3	
RF6-104	W1686030							
Brkt1	W16X26							
Brkt2	W16X26							
Brkt3	W16X26							
Brkt4	W16X26							



432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

FLANGE BRACES: Both Sides(U.N.)
FBxxD(1): xx=length(in)
D - FB2X2X07

CUSTOMER INFO

PROJECT
PB50637

MADISON
ODESSA, TX 79763

SHEET NAME/TITLE
RIGID FRAME ELEVATION

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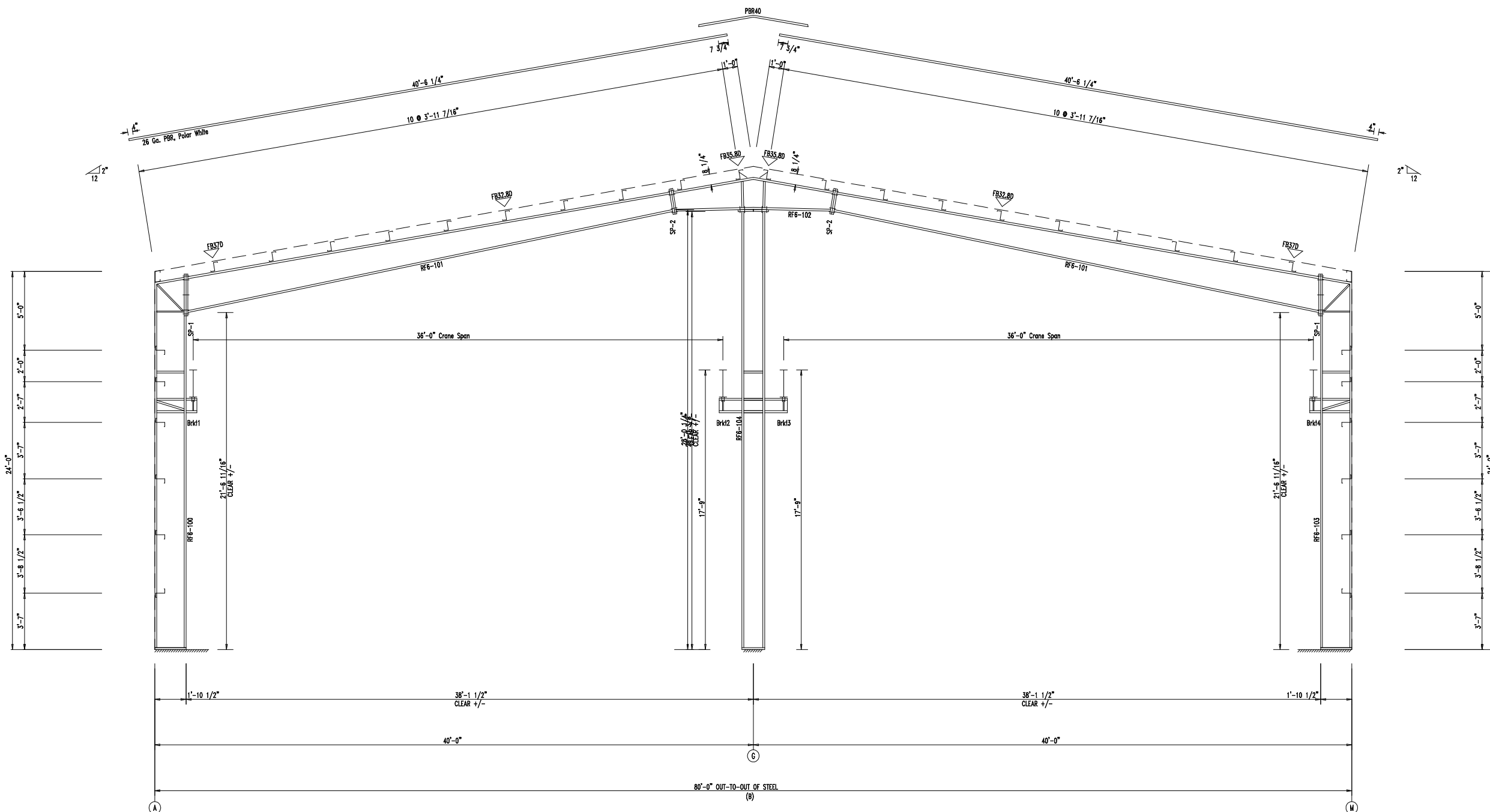
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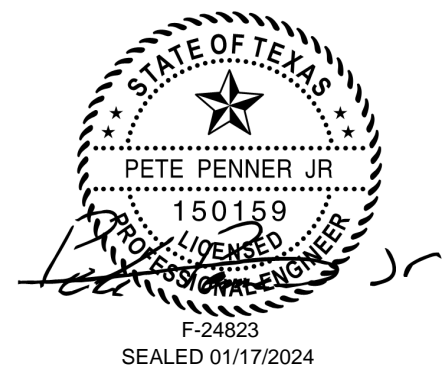
DATE
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REVISIONS			
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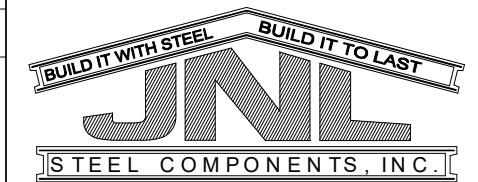


RIGID FRAME ELEVATION: FRAME LINE 9



SPlice Bolt Table						
Mark	Qty		Int	Type	Dia	Length
	Top	Bot				
SP-1	4	4	2	A325	0.750	2.50

Mark	Web Depth		Web Plate		Outside Flange		Inside Flange	
	Start	End	Thick	Length	W x Thk	x Length	W x Thk	x Length
RF7-100	8.0	20.0	0.135	281.6	6 x 1/4"	x 278.9	6 x 1/4"	x 258.1
RF7-101	20.0	16.0	0.135	228.6	6 x 1/4"	x 16.5	6 x 1/4"	x 228.6
	16.0	16.0	0.135	240.0	6 x 1/4"	x 468.6	6 x 1/4"	x 237.3
RF7-102	20.0	8.0	0.135	281.6	6 x 1/4"	x 16.5	6 x 1/4"	x 258.1
	16.0	8.0	0.135	240.0	6 x 1/4"	x 278.9	6 x 1/4"	x 258.1



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430 US HWY 180 W
SEMINOLE, TX 79360

FLANGE BRACES: Both Sides(U.N.)
FBxxD(1): xx=length(in)
D - FB2X2X07

CUSTOMER INFO

PROJECT
PB50637

MADISON
ODESSA, TX 79763

SHEET NAME/TITLE
RIGID FRAME ELEVATION

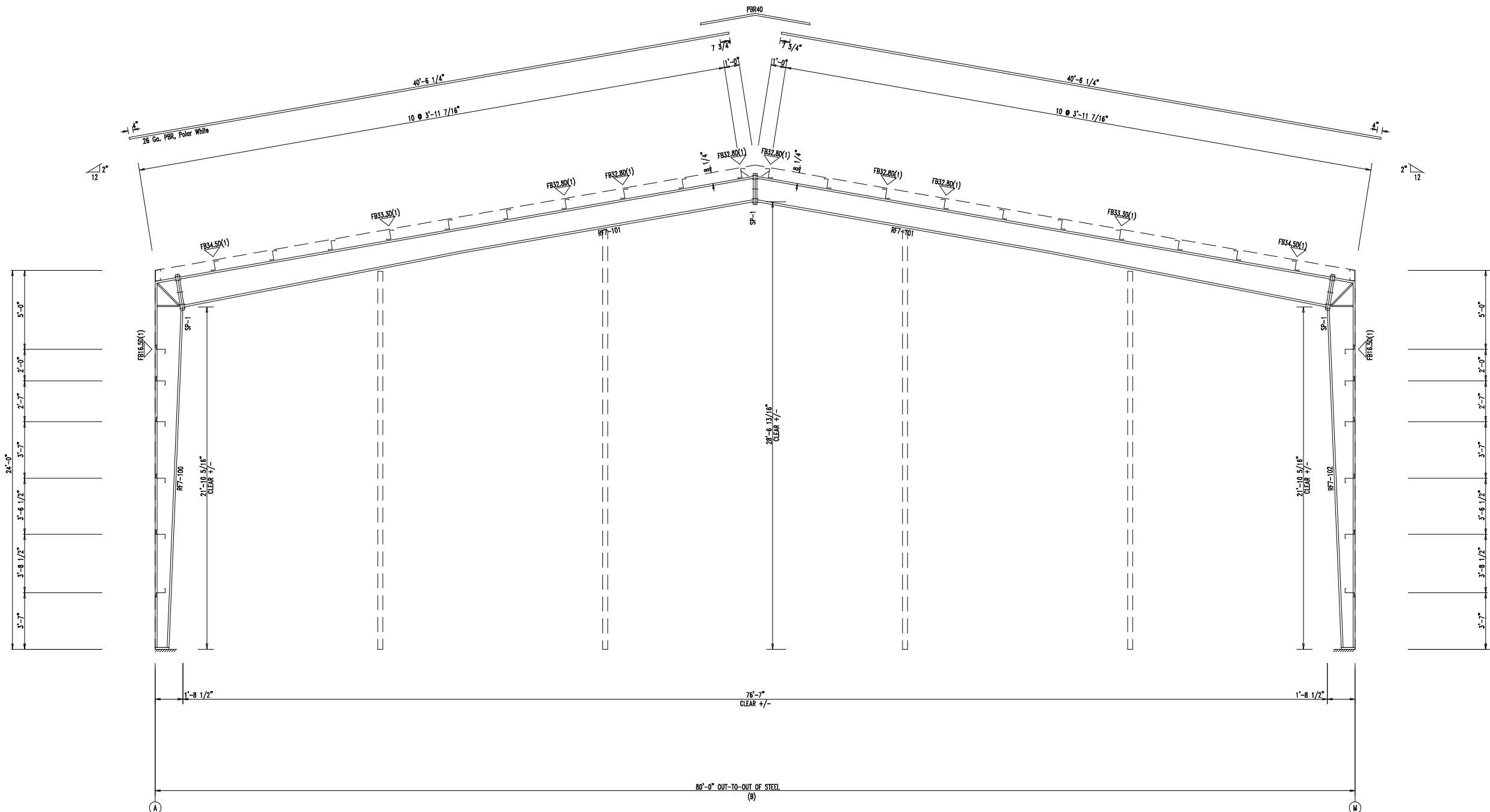
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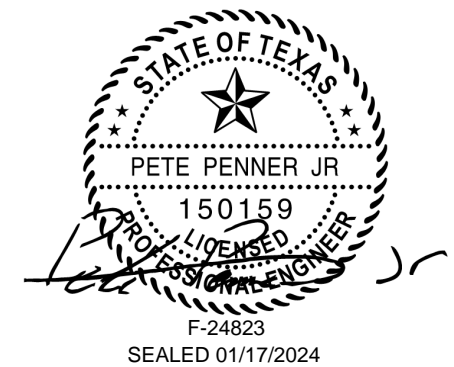
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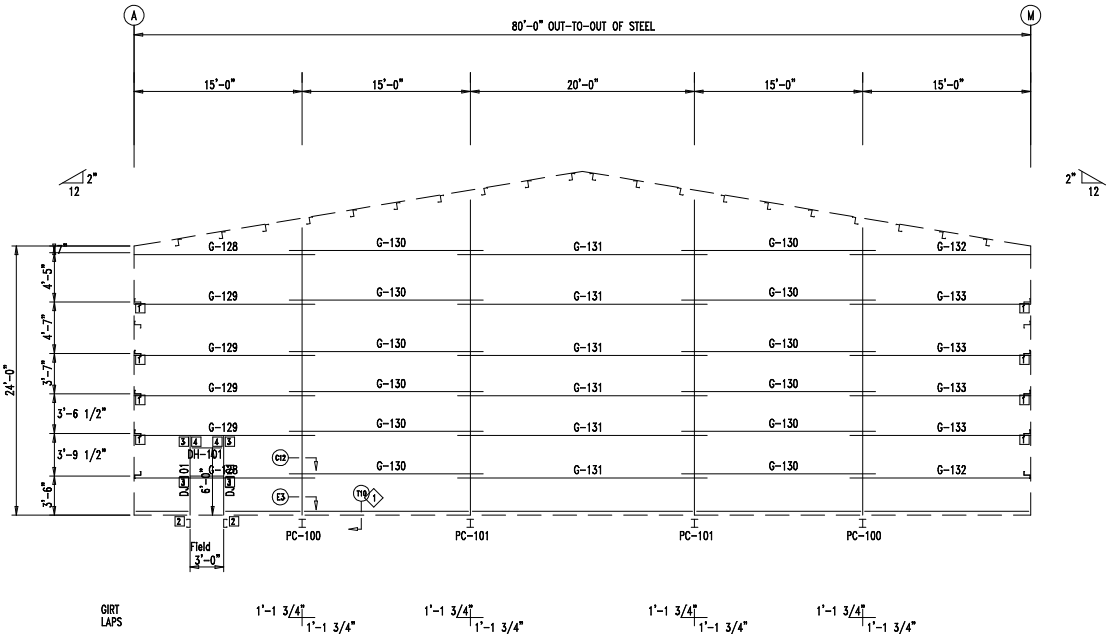
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REVISIONS			
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RIGID FRAME ELEVATION: FRAME LINE 10





PARTITION 1 FRAMING

MEMBER TABLE
PARTITION 1

MARK	PART	LENGTH
PC-100	W0864030	23'-11 5/8"
PC-101	W0864030	26'-11 1/4"
DJ-101	8X25C14	6'-11 3/8"
DH-101	8X25C14	2'-11 1/2"
G-128	8X25Z14	15'-5 1/4"
G-129	8X25Z14	15'-5 1/4"
G-130	8X25Z14	17'-3 1/2"
G-131	8X25Z14	22'-3 1/2"
G-132	8X25Z14	15'-5 1/4"
G-133	8X25Z14	15'-5 1/4"

ANGLE TABLE
PARTITION 1

ID	PART	LENGTH
1	L4X2X14	20'-0"

TRIM TABLE
PARTITION 1

ID	PART	LENGTH
2	TRJTR	10'-6"
3	TRHTR	10'-6"
4	TRIA2	10'-2"

WALL INSULATION TABLE
PARTITION 1

ROLL	MARK	WIDTH	LENGTH
100	PI-100	6'-0"	50'-8"
101	PI-101	6'-0"	79'-6"
102	PI-102	6'-0"	83'-6"
103	PI-103	6'-0"	88'-6"
104	PI-104	6'-0"	91'-10"

PANEL TABLE
PARTITION 1

MARK	LENGTH
PS-100	23'-9 3/4"
PS-101	24'-3 3/4"
PS-102	24'-9 3/4"
PS-103	25'-3 3/4"
PS-104	25'-9 3/4"
PS-105	26'-3 3/4"
PS-106	26'-9 3/4"
PS-107	27'-3 3/4"
PS-108	27'-9 3/4"
PS-109	28'-3 3/4"
PS-110	28'-9 3/4"
PS-111	29'-3 3/4"
PS-112	29'-9 3/4"
PS-113	29'-11 3/4"

CONNECTION PLATES
PARTITION 1

ID	MARK/PART
1	r100
2	DC-1
3	OC-1
4	OC-2



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SEMINOLE, TX 79360

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SHEET NAME/TITLE
PARTITION FRAMING

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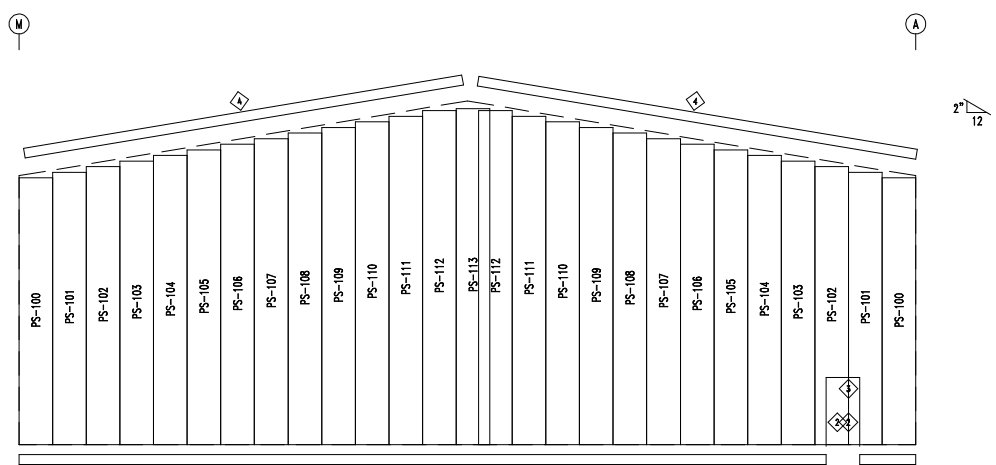
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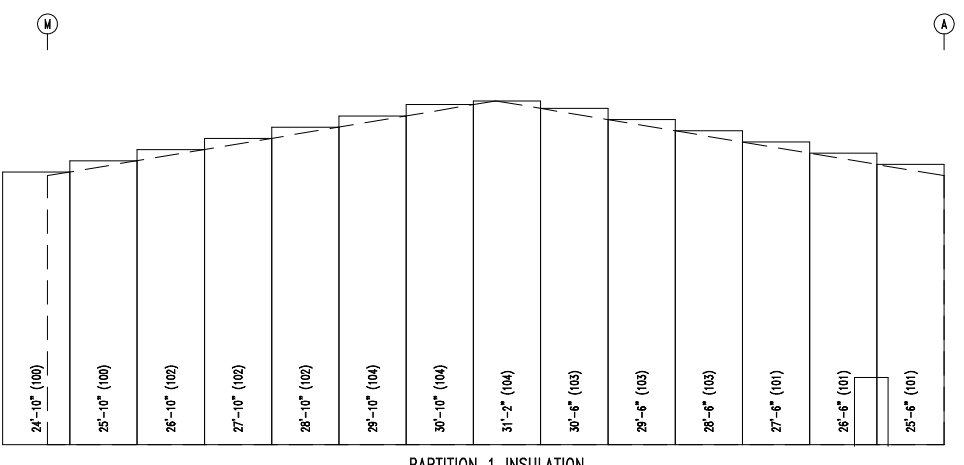
SHEET NO. REV. SCALE
E35 of 51- NTS

REVISIONS

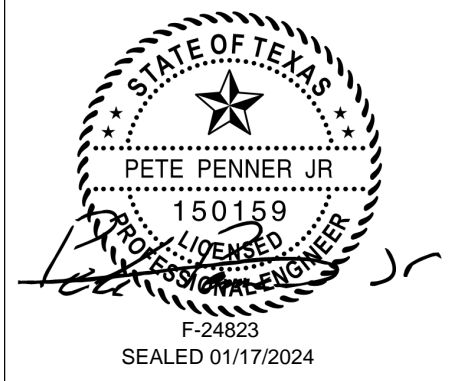
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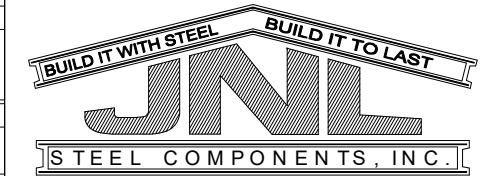


PARTITION 1 RIGHT SHEETING & TRIM
PANELS: 26 Ga. PBR - Polar White



PARTITION 1 INSULATION



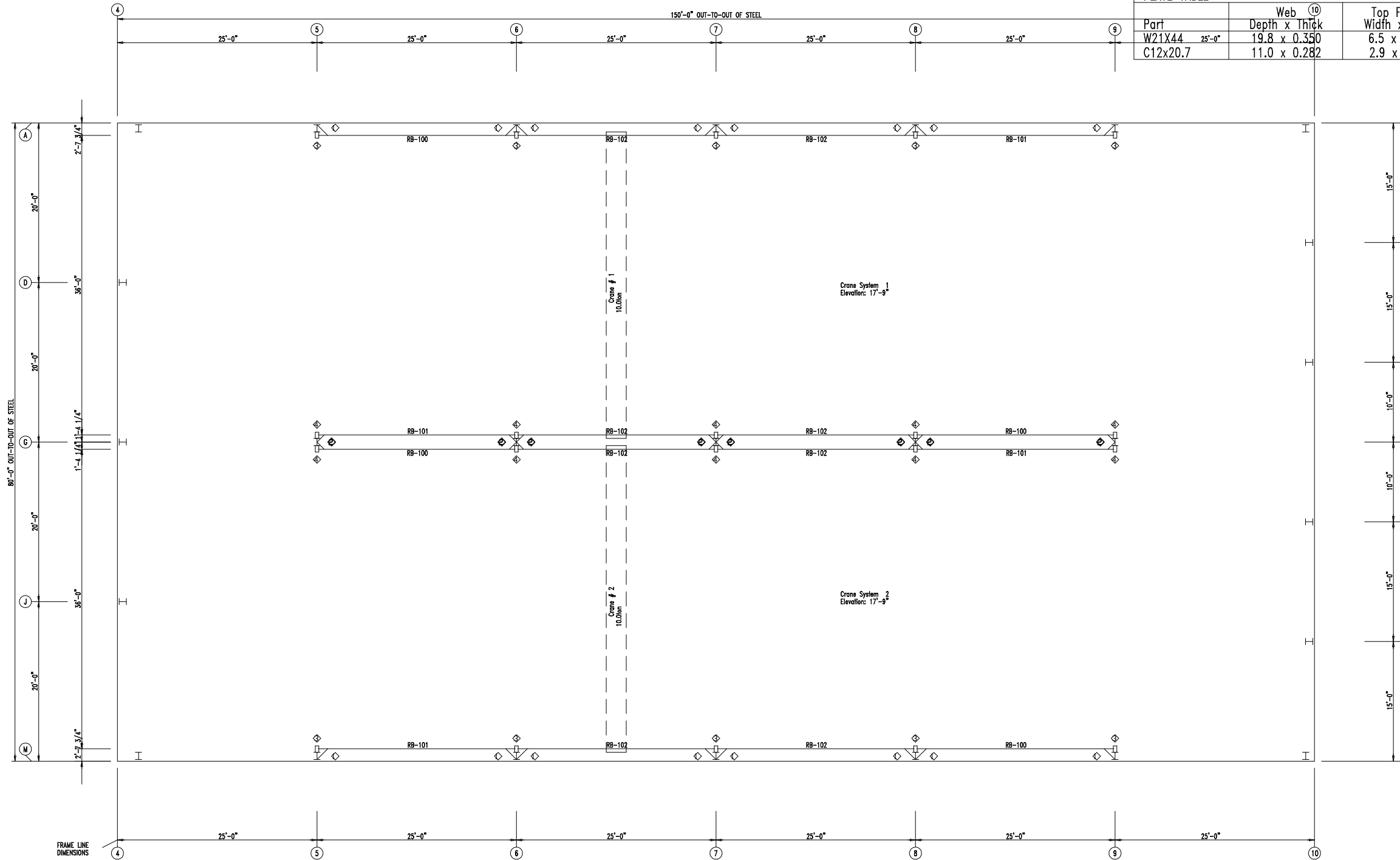


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430 US HWY 180 W
SEMINOLE, TX 79360

Mark	Part	Length
RB-100	W21X44\C12x20.7	25'-2 1/2"
RB-101	W21X44\C12x20.7	25'-2 1/2"
RB-102	W21X44\C12x20.7	24'-11 1/2"

Part	Web Depth x Thick	Top Flange Width x Thick	Bottom Flange Width x Thick
W21X44	25'-0"	19.8 x 0.350	6.5 x 0.450
C12x20.7	11.0 x 0.282	6.5 x 0.501	2.9 x 0.501

ID	Part
1	L3X3X316
2	L3X3X316
3	L3X3X316
4	L3X3X316



CUSTOMER INFO

PROJECT
PB50637

MADISON
ODESSA, TX 79763

SHEET NAME/TITLE
CRANE PLAN

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1/11/24

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DATE
1/11/24

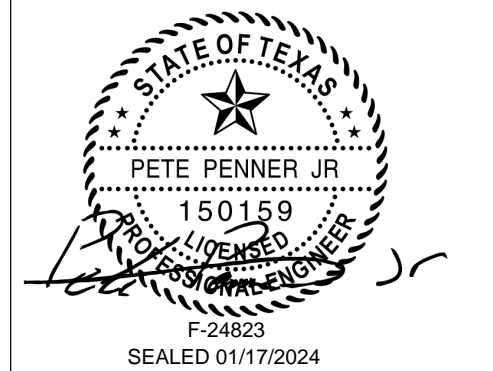
SHEET NO. REV. SCALE
E36 of 51- NTS

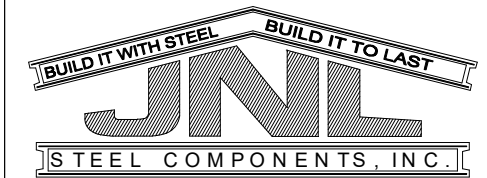
REVISIONS			
NO.	NOTES	BY	DATE
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Crane Specs For Crane System #1:

	Crane #1	Crane #2	Crane #3
Capacity:	20 Kips	Kips	Kips
Service Class:	C		
Bridge Weight:	5.8 Kips	Kips	Kips
Trolley/Hoist Weight:	1.5 Kips	Kips	Kips
Vertical Impact:	10.0 %	%	%
Lateral Force:	20.0 %	%	%
Longitudinal Force:	10.0 %	%	%

CRANE PLAN





432-758-9900
 430 US HWY 180 W
 SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
 PB50637
 MADISON
 ODESSA, TX 79763

SHEET NAME/TITLE
 CRANE PLAN

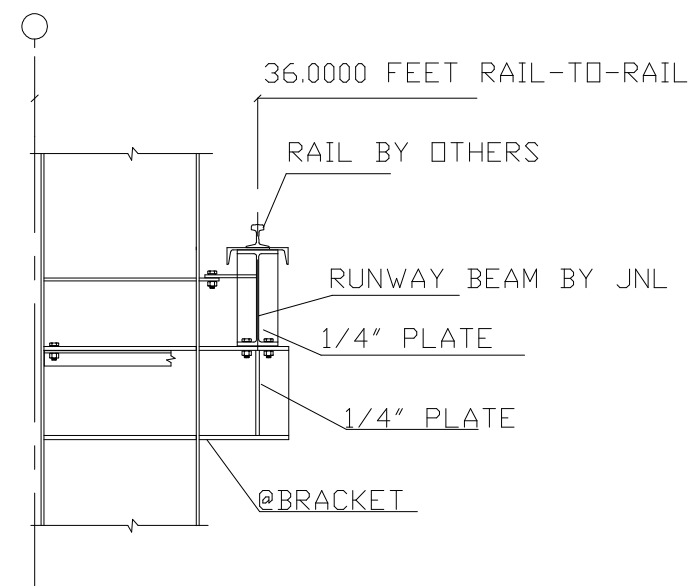
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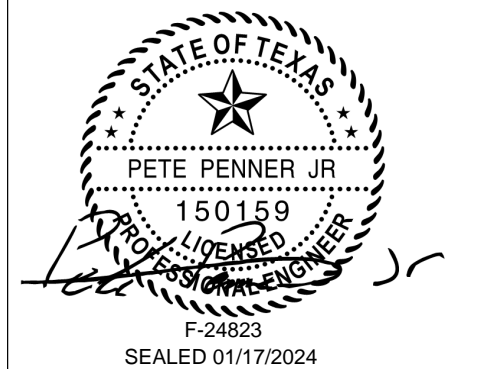
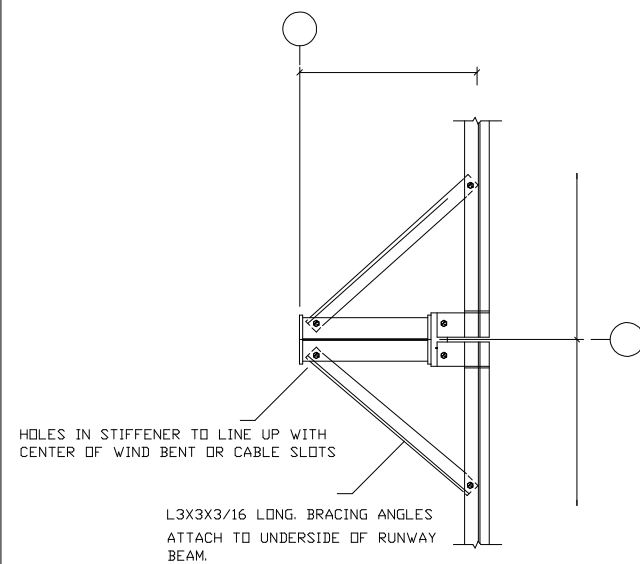
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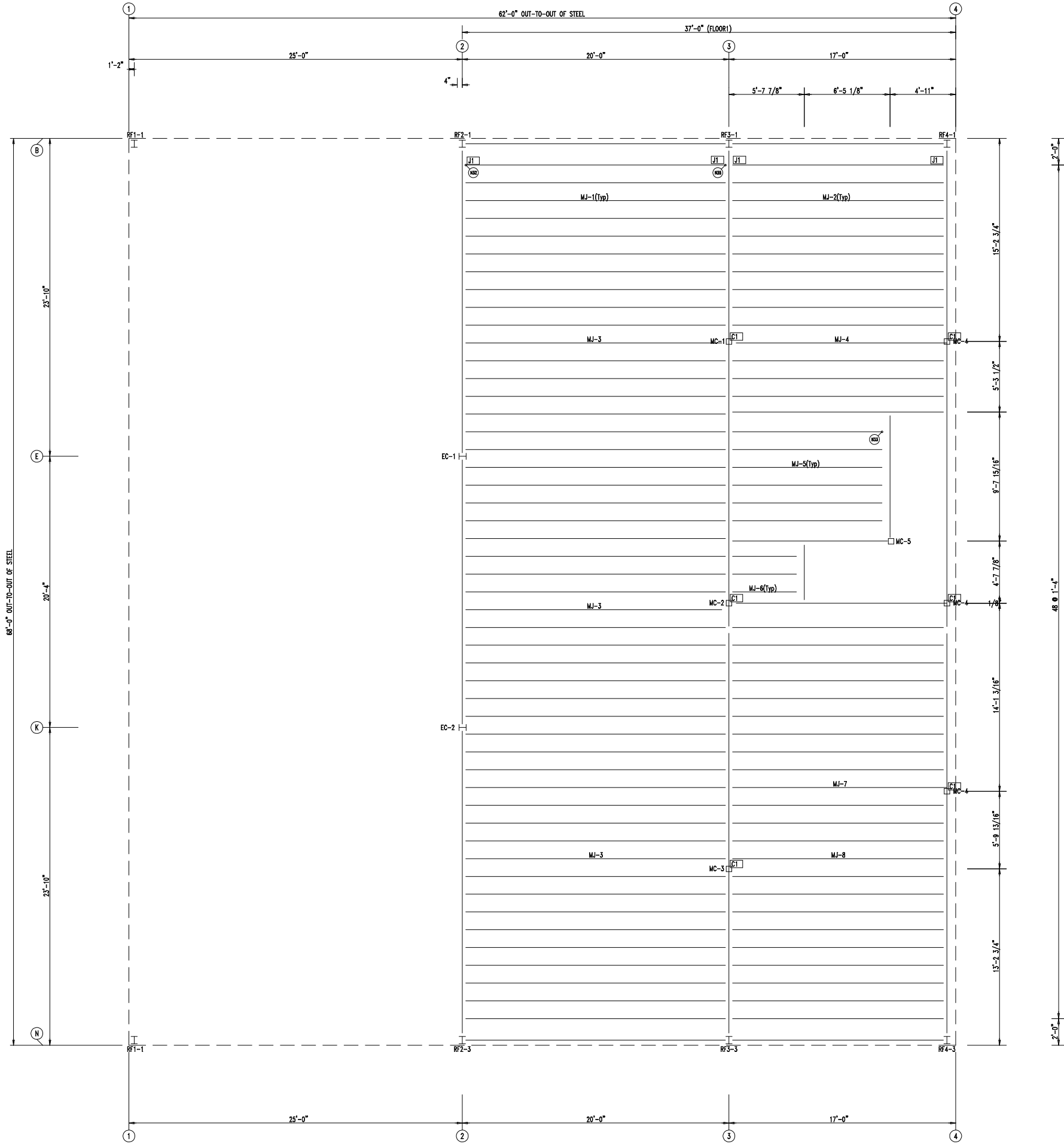
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REVISIONS			
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ALL BOLTS TO BE 3/4 A325 BOLTS





JOIST BOLT TABLE				
ID	QUAN	TYPE	DIA	LENGTH
J1	2	A307	1/2"	1 1/4"

SUPPORT COLUMN BOLT TABLE				
ID	QUAN	TYPE	DIA	LENGTH
C1	4	A325	3/4"	2 1/2"

MEMBER TABLE		
MARK	PART	LENGTH
MC-1	T035035D	10'-4 1/2"
MC-2	T035035D	10'-4 1/2"
MC-3	T035035C	10'-4 1/2"
MC-4	T035035C	10'-4 1/2"
MC-5	T035035C	11'-6"
MJ-1	10X35Z12	19'-5"
MJ-2	10X27Z14	16'-1"
MJ-3	10X35Z12	19'-5"
MJ-4	10X27Z14	16'-1"
MJ-5	10X27Z14	11'-5 1/2"
MJ-6	10X27Z14	5'-2 1/4"
MJ-7	10X27Z14	16'-1"
MJ-8	10X27Z14	16'-1"



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 430 US HWY 180 W
 SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
 A
 MADISON
 ODESSA, TX 79763

SHEET NAME/TITLE
 FLOOR JOISTS

DRAWN BY: BN DATE: 1/11/24

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 E38 of 51- NTS

REVISIONS			
NO.	NOTES	BY	DATE
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STATE OF TEXAS
 PETE PENNER JR
 150159
 LICENSED PROFESSIONAL ENGINEER
 F-24823
 SEALED 01/17/2024

FLOOR JOISTS



432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT

A

MADISON

ODESSA, TX 79763

SHEET NAME/TITLE
FLOOR FRAMING

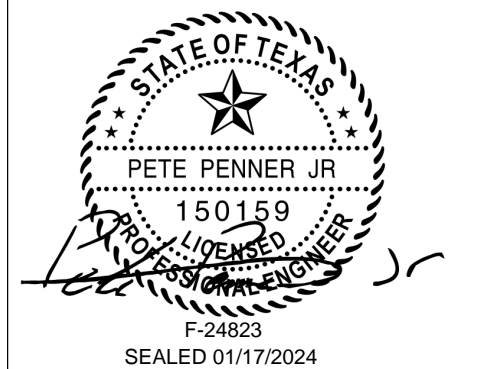
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REVISIONS			
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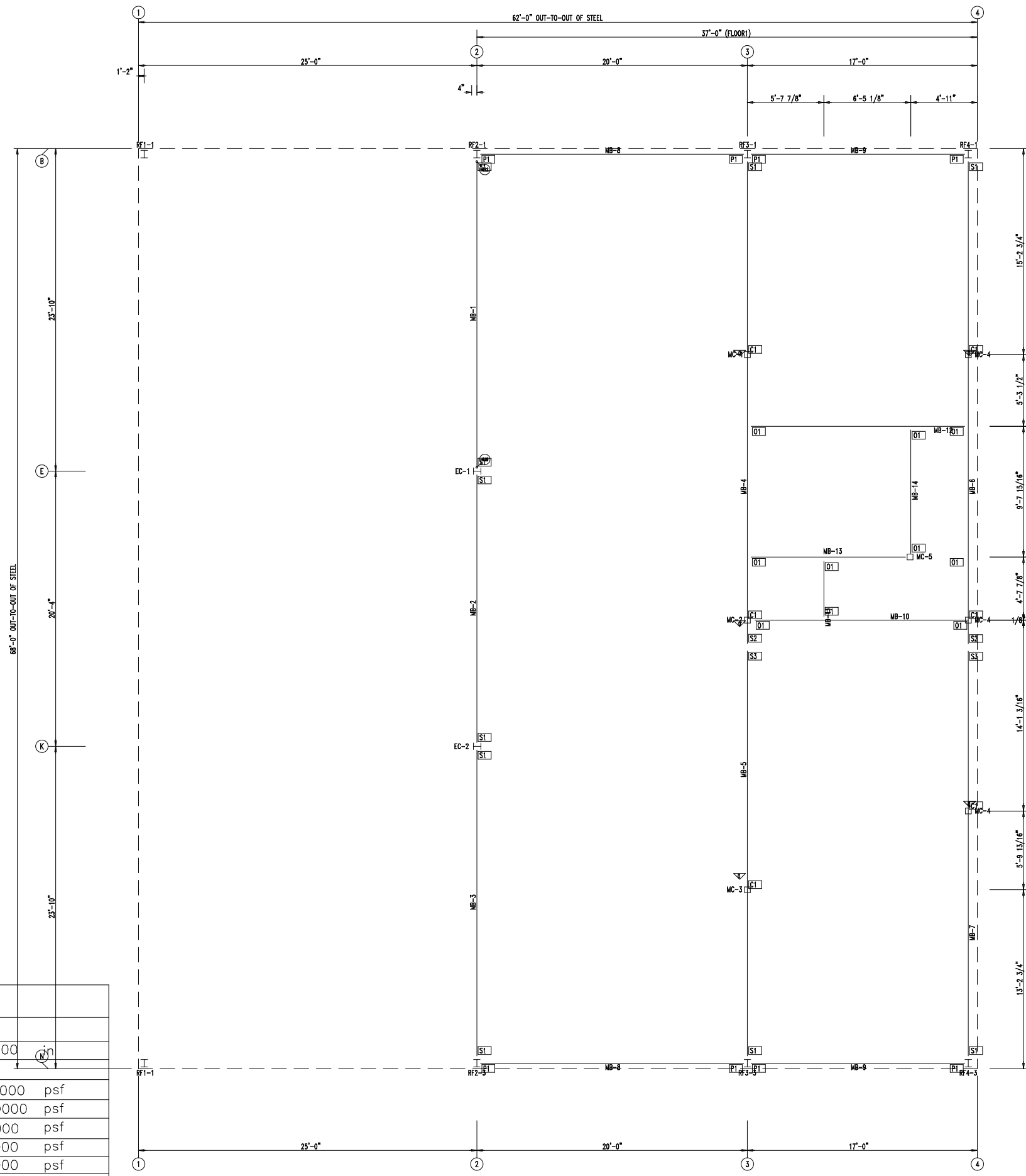
PERIMETER BEAM BOLT TABLE				
ID	QUAN	TYPE	DIA	LENGTH
P1	2	A325	1/2"	1 1/2"

SUPPORT BEAM BOLT TABLE				
ID	QUAN	TYPE	DIA	LENGTH
S1	5	A325	3/4"	2 1/2"
S2	6	A325	3/4"	2 1/2"
S3	4	A325	3/4"	2 1/2"

OPENING BOLT TABLE				
ID	QUAN	TYPE	DIA	LENGTH
O1	2	A325	1/2"	1 1/2"

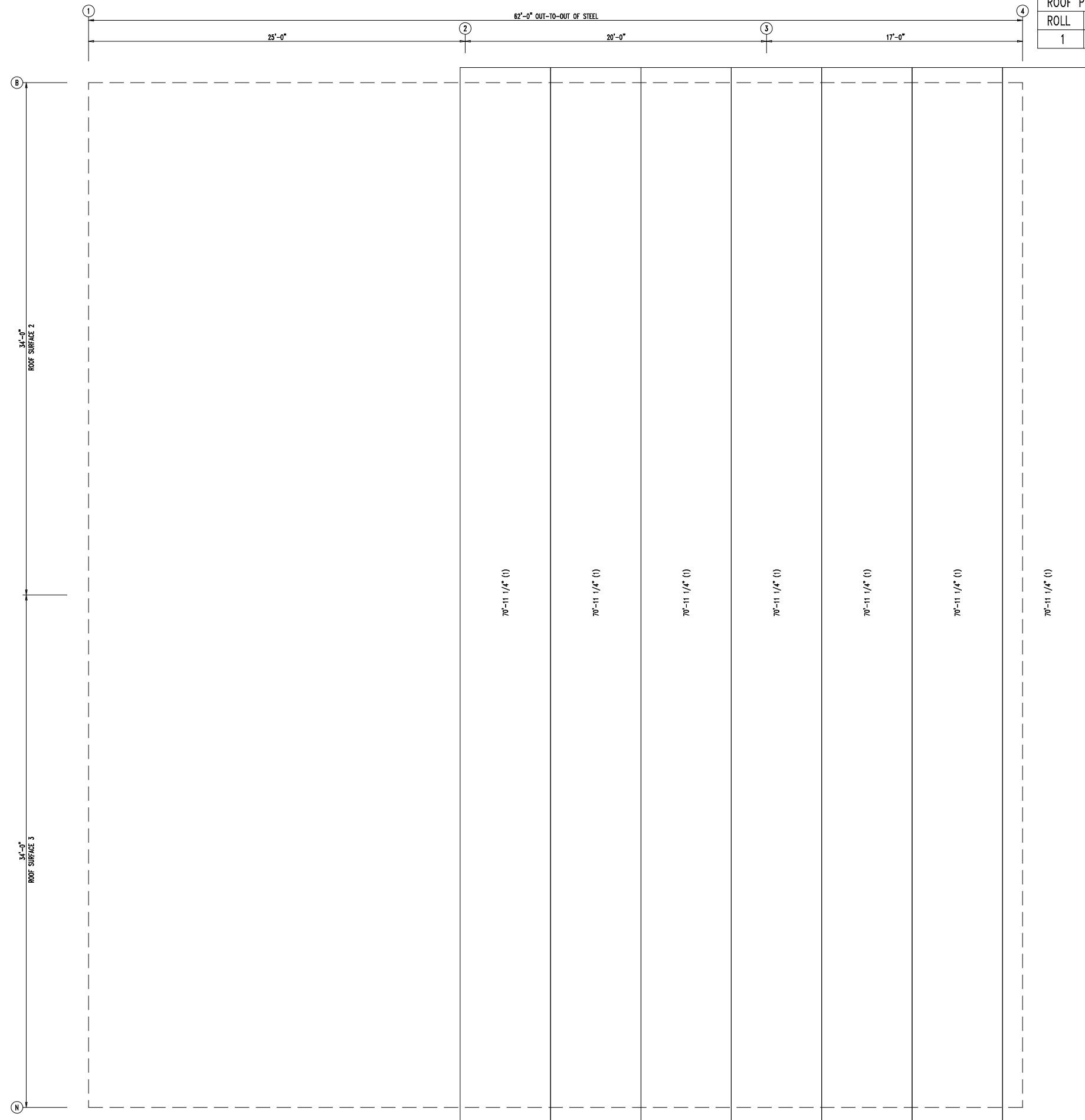
SUPPORT COLUMN BOLT TABLE				
ID	QUAN	TYPE	DIA	LENGTH
C1	4	A325	3/4"	2 1/2"

MEMBER TABLE		
MARK	PART	LENGTH
MB-1	W1466020	22'-8 1/8"
MB-2	W1464020	20'-2 3/4"
MB-3	W1466020	22'-8 1/8"
MB-4	W1464025	35'-9 1/8"
MB-5	W1464025	30'-0 7/8"
MB-6	W1464020	35'-9 3/8"
MB-7	W1464020	30'-0 5/8"
MB-8	W10X12	19'-10 3/4"
MB-9	W10X12	16'-6 3/4"
MB-10	W10X12	16'-4 1/4"
MB-11	C10x15.3	4'-4 3/16"
MB-12	W10X12	16'-4 1/4"
MB-13	W10X12	11'-7 7/8"
MB-14	C10x15.3	9'-3 7/8"
MC-1	T035035D	10'-4 1/2"
MC-2	T035035D	10'-4 1/2"
MC-3	T035035C	10'-4 1/2"
MC-4	T035035C	10'-4 1/2"
MC-5	T035035C	11'-6"



FLOOR FRAMING

Floor Loads	
Deck Type:	PW
Deck Thickness:	1.5000 in
Use:	-
Dead:	17.0000 psf
Live:	80.0000 psf
Partition:	0.0000 psf
Collateral Above:	3.0000 psf
Collateral Below:	3.0000 psf
Dead + Live Deflection:	L/ 240
Live Deflection:	L/ 360



INSULATION TABLE
ROOF PLAN

ROLL	QUAN	MARK	WIDTH	LENGTH
1	7	RI-1	6'-0"	70'-11 1/4"



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MADISON
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SHEET NAME/TITLE
ROOF INSULATION

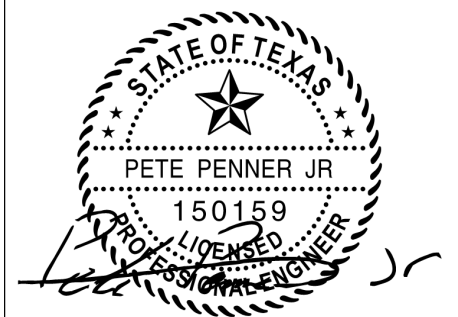
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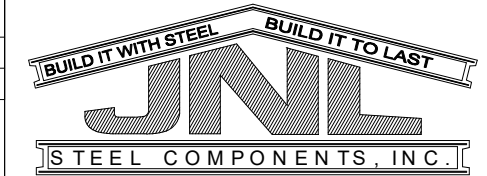


F-24823
SEALED 01/17/2024

ROOF INSULATION
INSULATION: 3.00" Thick VR

INSULATION TABLE
ROOF PLAN

ROLL	QUAN	MARK	WIDTH	LENGTH
100	25	RI-100	6'-0"	83'-1 1/4"



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SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50637

MADISON
ODESSA, TX 79763

SHEET NAME/TITLE
ROOF INSULATION

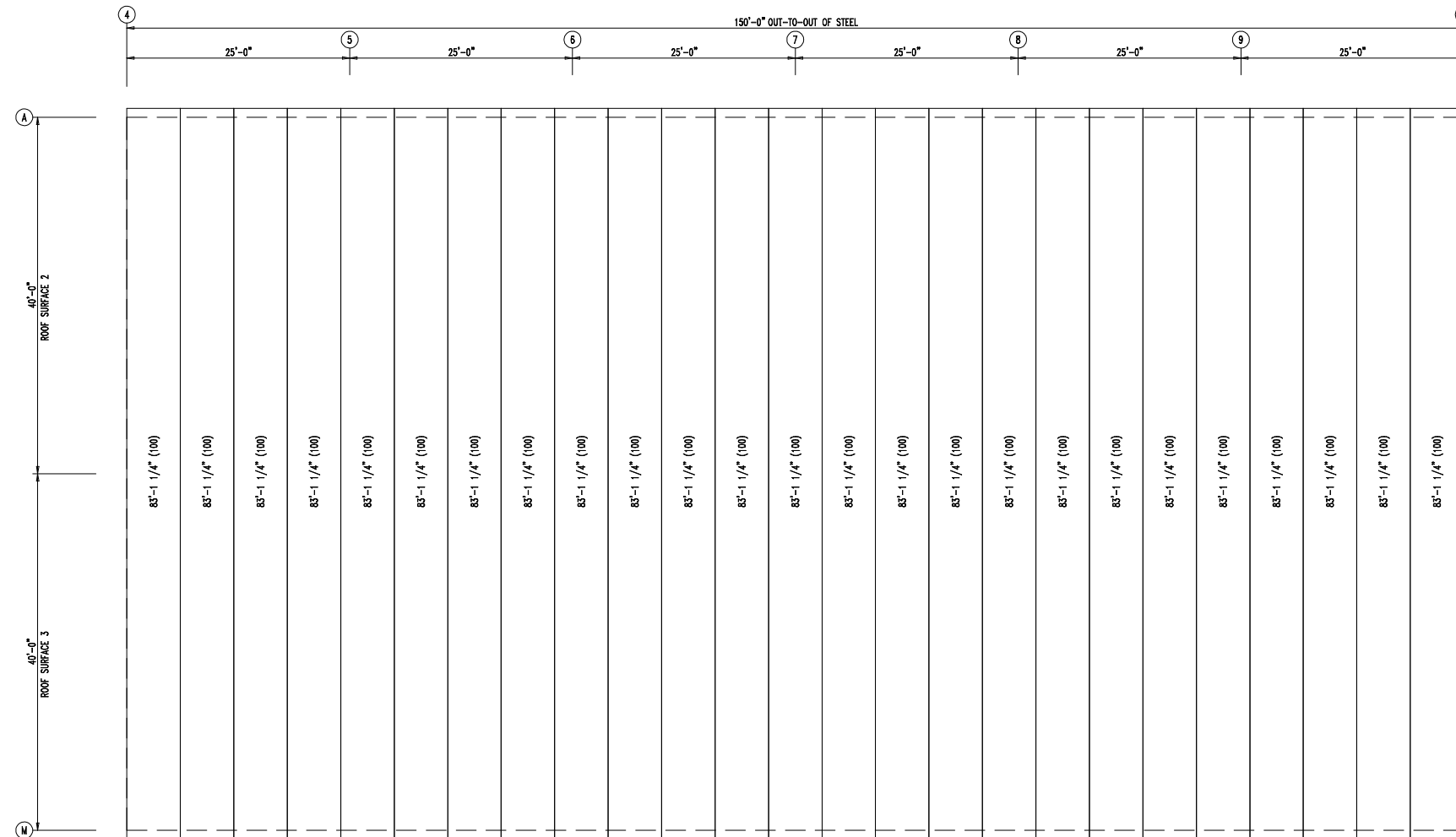
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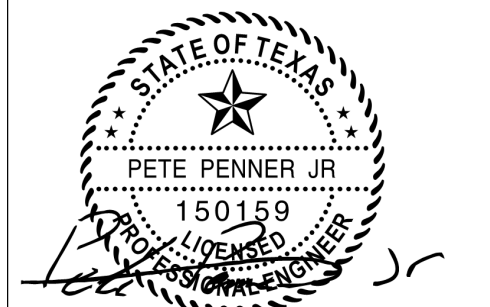
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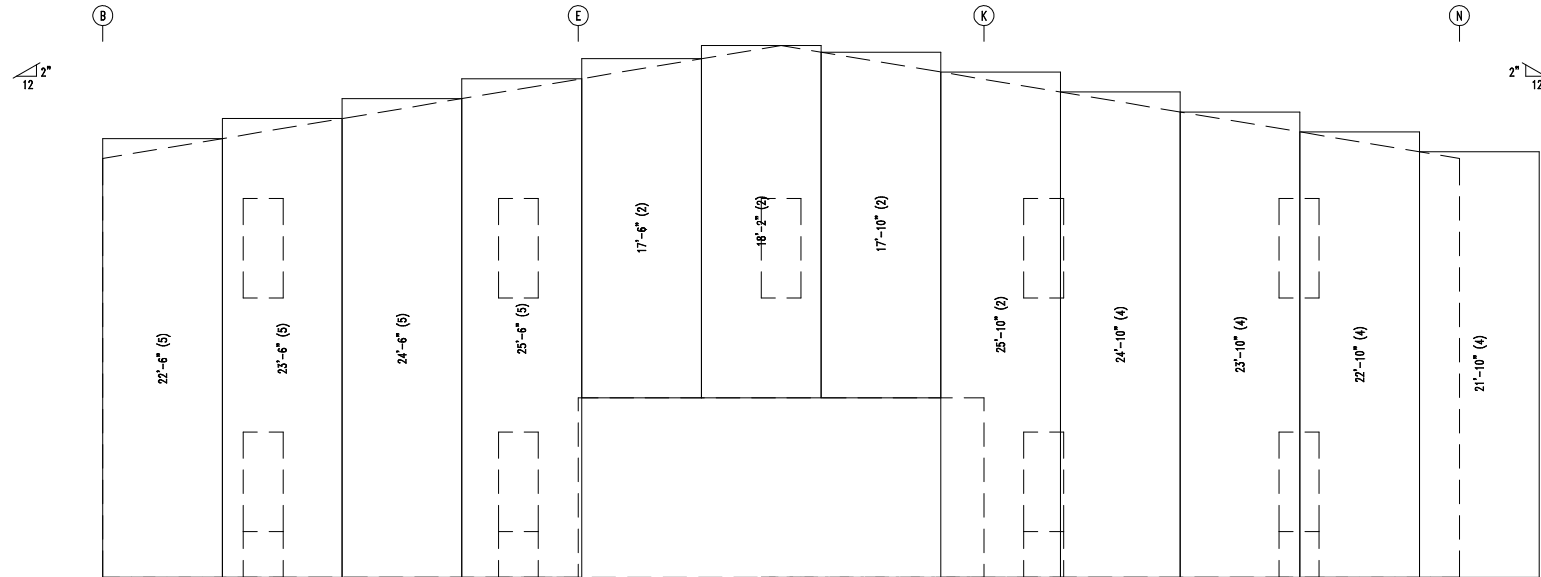
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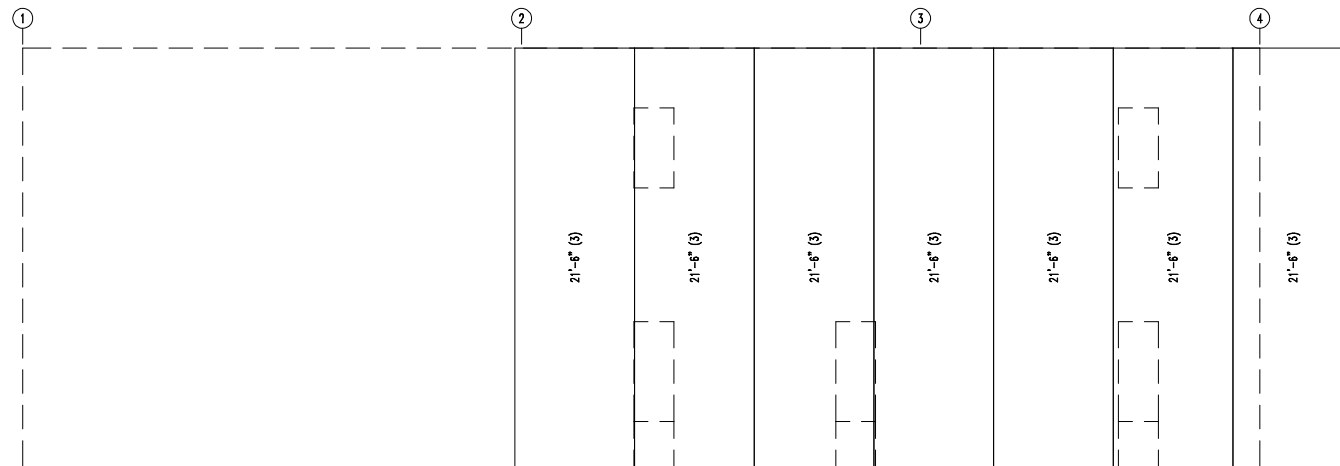
ROOF INSULATION
INSULATION: 3.00" Thick VR



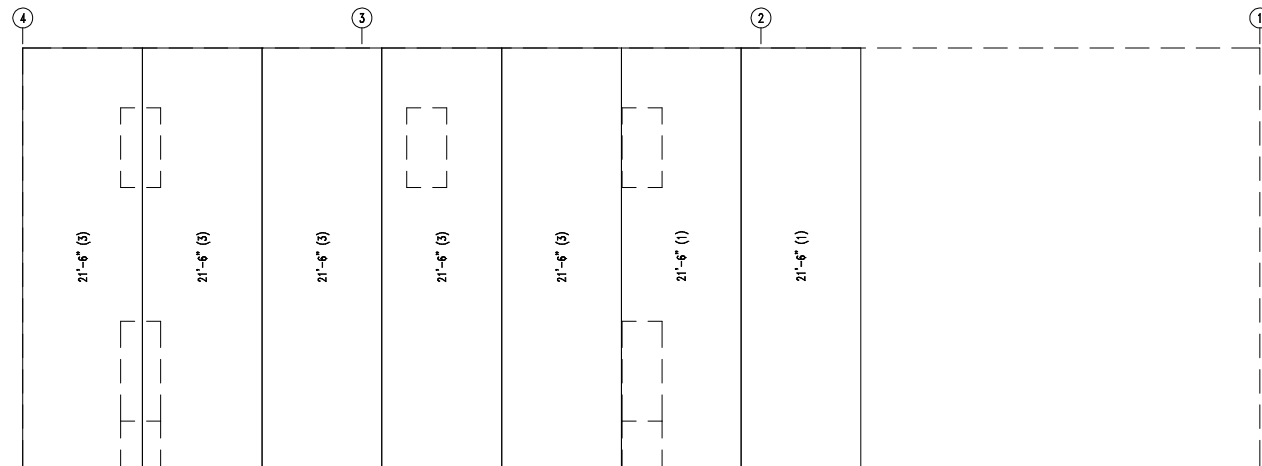
F-24823
SEALED 01/17/2024



ENDWALL INSULATION: FRAME LINE 2
INSULATION: 3.00" Thick VR



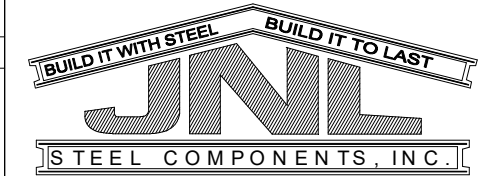
SIDEWALL INSULATION: FRAME LINE N
INSULATION: 3.00" Thick VR



SIDEWALL INSULATION: FRAME LINE B
INSULATION: 3.00" Thick VR

INSULATION TABLE FRAME LINE 1 N B				
ROLL	QUAN	MARK	WIDTH	LENGTH
1	1	WI-1	6'-0"	43'-0"
2	1	WI-2	6'-0"	79'-4"
3	3	WI-3	6'-0"	86'-0"
4	1	WI-4	6'-0"	93'-4"
5	1	WI-5	6'-0"	96'-0"

LEGEND:
43'-0" (1)
Length (Roll #)



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PB50637A

MADISON
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SHEET NAME/TITLE
WALL INSULATION

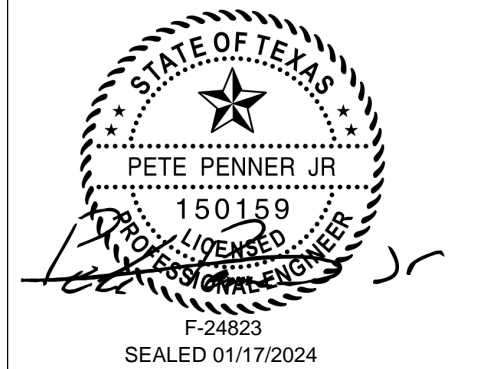
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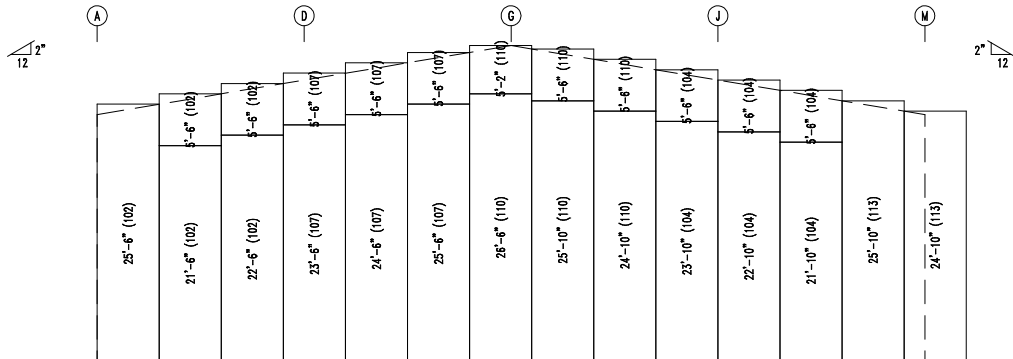
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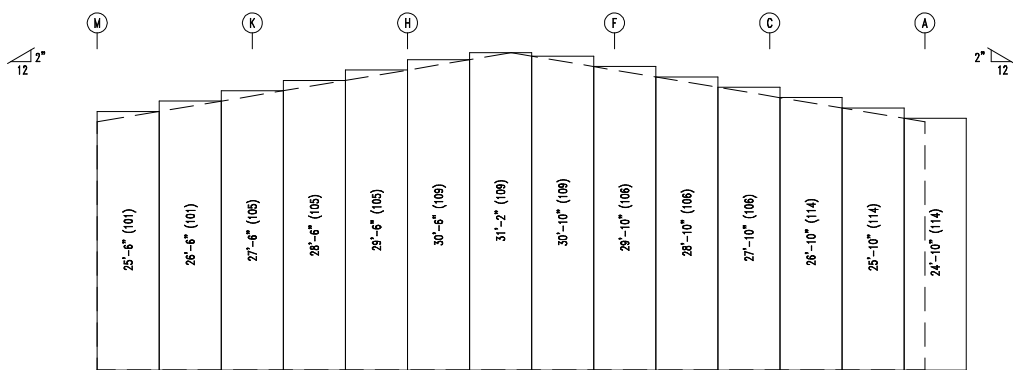
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REVISIONS			
NO.	NOTES	BY	DATE
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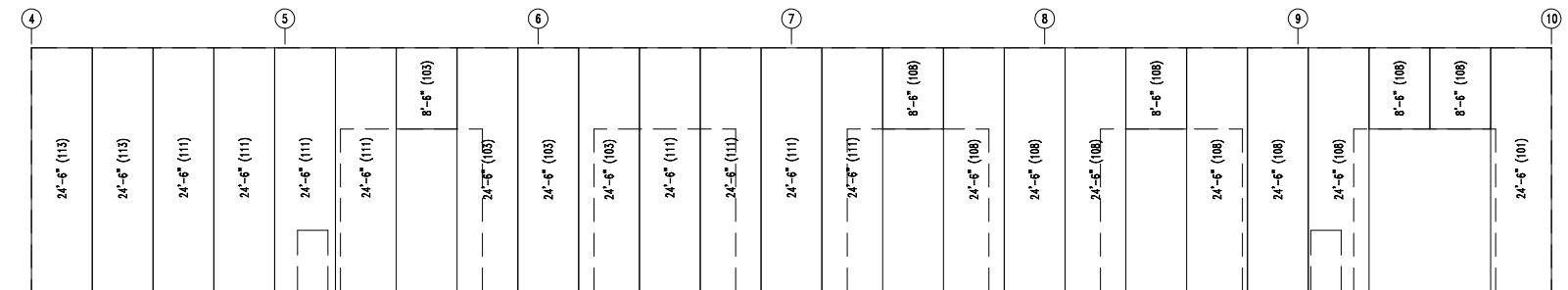




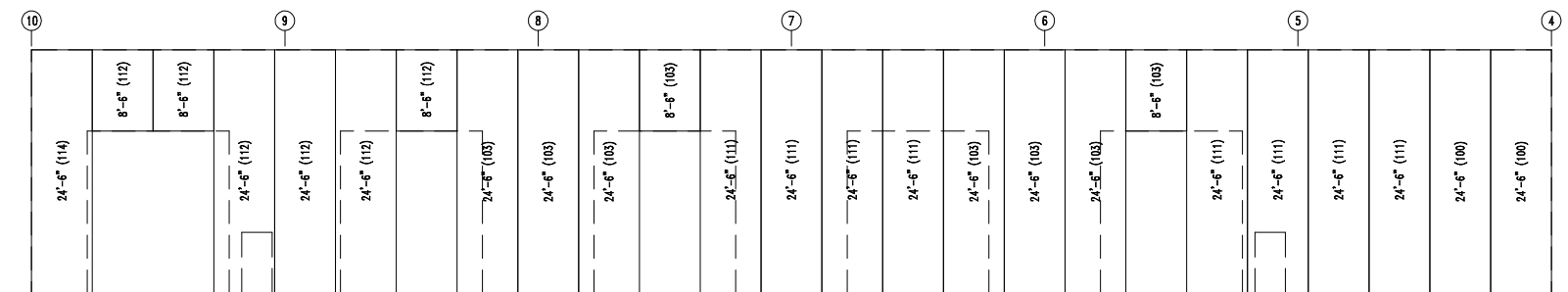
ENDWALL INSULATION: FRAME LINE 4
INSULATION: 3.00" Thick VR



ENDWALL INSULATION: FRAME LINE 10
INSULATION: 3.00" Thick VR



SIWALL INSULATION: FRAME LINE M
INSULATION: 3.00" Thick VR



SIWALL INSULATION: FRAME LINE A
INSULATION: 3.00" Thick VR

INSULATION TABLE
FRAME LINE 4 M 10 A

ROLL	QUAN	MARK	WIDTH	LENGTH
100	1	WI-100	6'-0"	49'-0"
101	1	WI-101	6'-0"	76'-6"
102	1	WI-102	6'-0"	80'-6"
103	3	WI-103	6'-0"	82'-0"
104	1	WI-104	6'-0"	85'-0"
105	1	WI-105	6'-0"	85'-6"
106	1	WI-106	6'-0"	86'-6"
107	1	WI-107	6'-0"	90'-0"
108	2	WI-108	6'-0"	90'-6"
109	1	WI-109	6'-0"	92'-6"
110	1	WI-110	6'-0"	93'-4"
111	4	WI-111	6'-0"	98'-0"
112	1	WI-112	6'-0"	99'-0"
113	1	WI-113	6'-0"	99'-8"
114	1	WI-114	6'-0"	102'-0"

LEGEND:
49'-0" (1)
Length (Roll #)



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CUSTOMER INFO

PROJECT
PB50637

MADISON
ODESSA, TX 79763

SHEET NAME/TITLE
WALL INSULATION

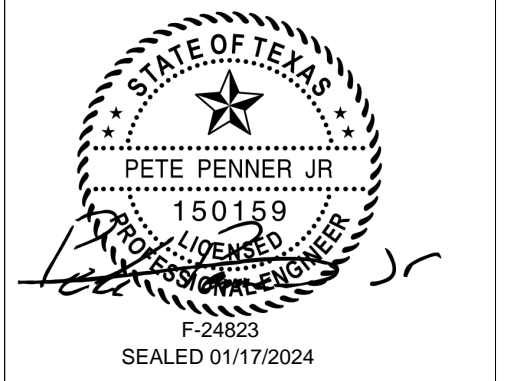
DRAWN BY: BN DATE: 1/11/24

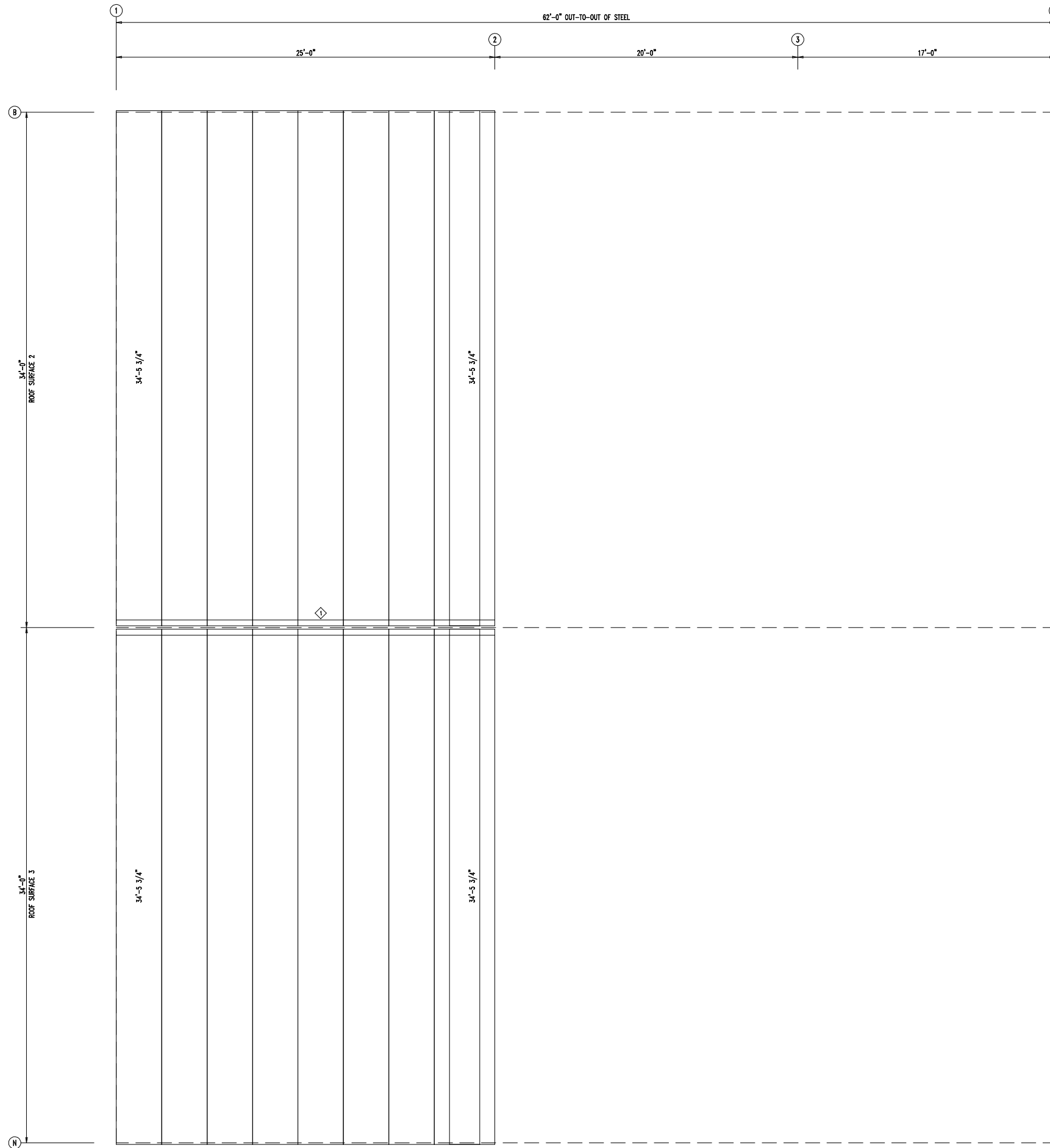
CHECKED BY: BN DATE: 1/11/24

APPROVED BY: DATE: 1/11/24

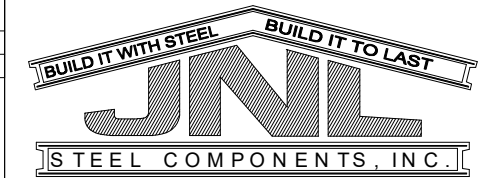
SHEET NO. REV. SCALE
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TRIM TABLE		
ROOF PLAN		
◇ ID	PART	DETAIL
1	SCRR	TRIM_259



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CUSTOMER INFO

PROJECT

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SHEET NAME/TITLE

ROOF LINER PANEL

DRAWN BY

BN

DATE

1/11/24

CHECKED BY

BN

DATE

1/11/24

APPROVED BY

.

DATE

1/11/24

SHEET NO.

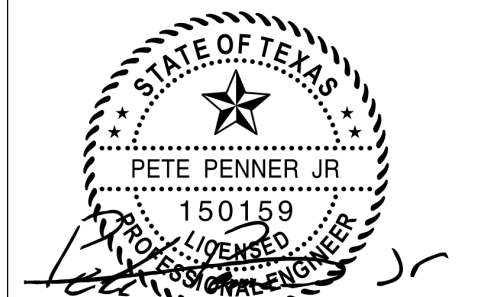
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REV.

SCALE

NTS

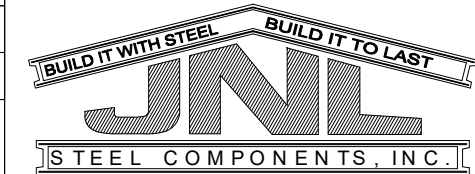
REVISIONS			
NO.	NOTES	BY	DATE
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F-24823
 SEALED 01/17/2024

SPLICE BOLTS					
Splice Mark	Quan		-----Bolt-----		
	Top/	Bot	Type	Dia	Length
SP- 1	4	4	A325	0.750	2.50

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
WF-2	W1464020	17'-7 3/8"
WF-1	W1464020	19'-6"



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SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50637A

MADISON
ODESSA, TX 79763

SHEET NAME/TITLE
WIND BENT ELEVATION

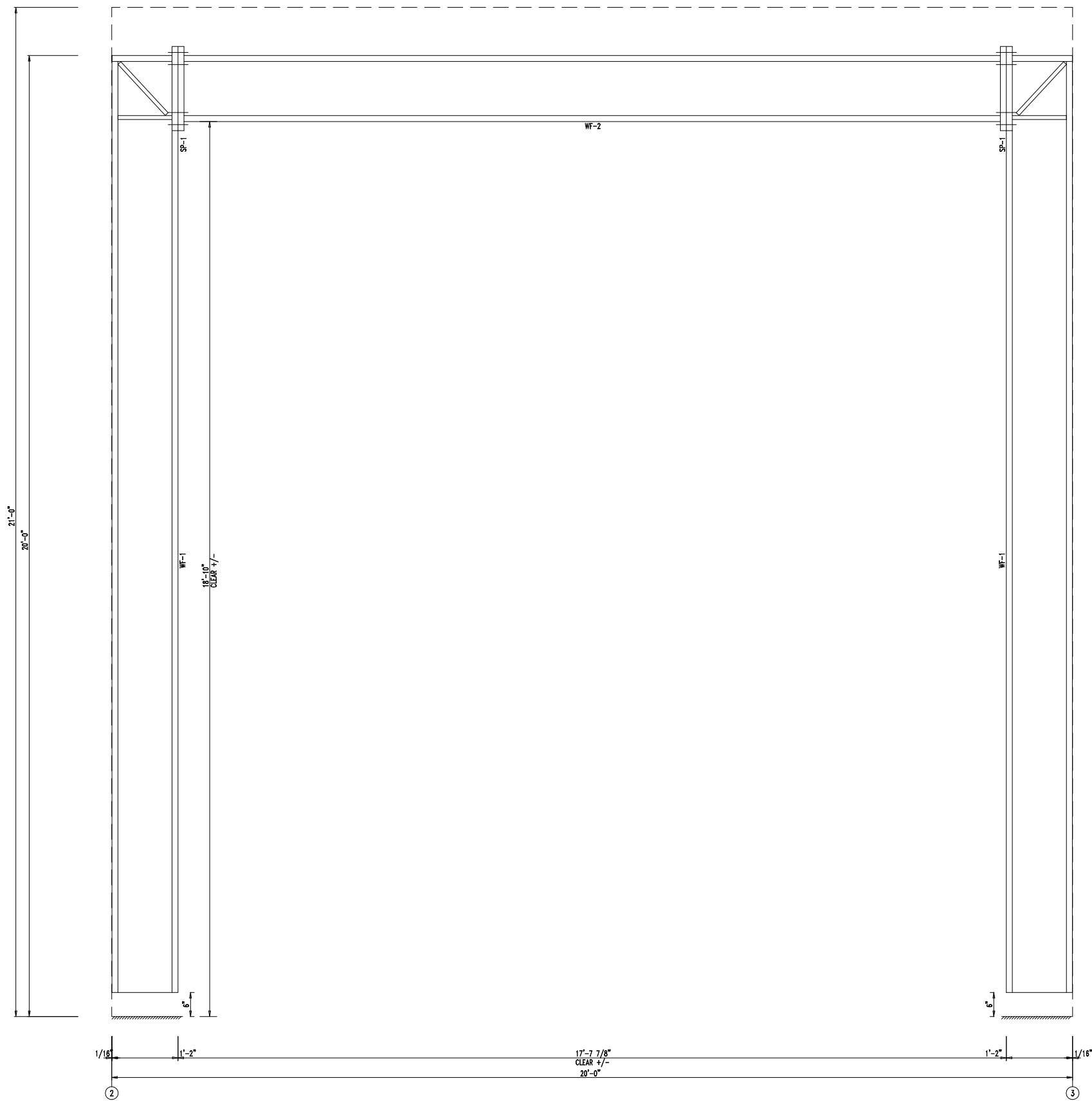
DRAWN BY BN DATE 1/11/24

CHECKED BY BN DATE 1/11/24

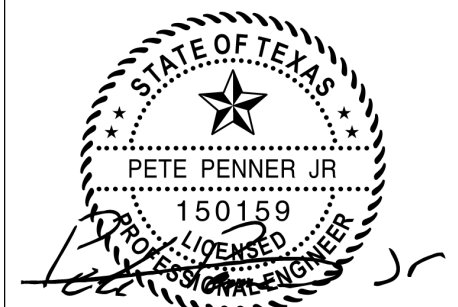
APPROVED BY DATE 1/11/24

SHEET NO. REV. SCALE
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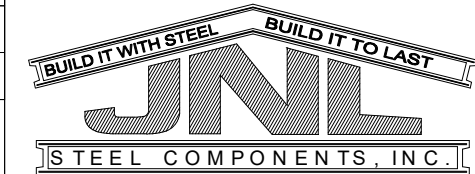
WIND BENT ELEVATION: FRAME LINE N



F-24823
SEALED 01/17/2024

SPLICE BOLTS					
Splice Mark	Quan		-----Bolt-----		
	Top/	Bot	Type	Dia	Length
SP- 1	4	4	A325	0.750	2.50

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
WF-101	W1464020	21'-9 3/8"
WF-100	W1464020	22'-6"



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SEMINOLE, TX 79360

CUSTOMER INFO

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MADISON

ODESSA, TX 79763

SHEET NAME/TITLE
WIND BENT ELEVATION

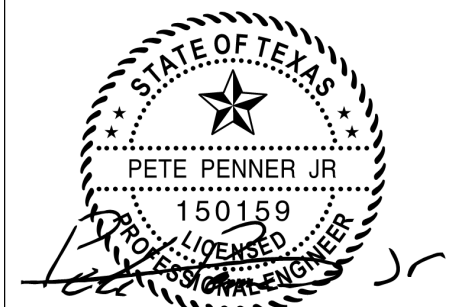
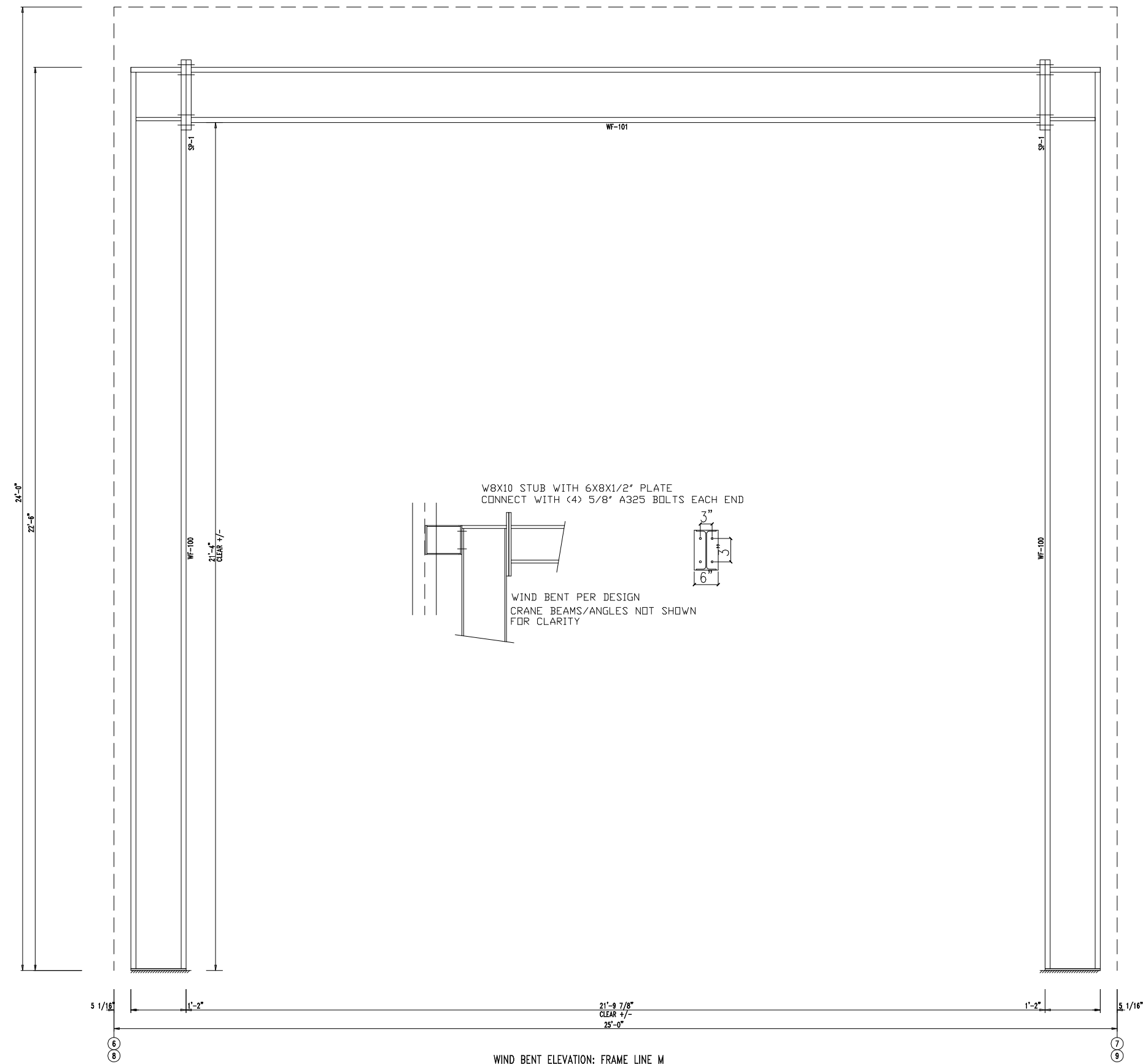
DRAWN BY BN DATE 1/11/24

CHECKED BY BN DATE 1/11/24

APPROVED BY DATE 1/11/24

SHEET NO. REV. SCALE
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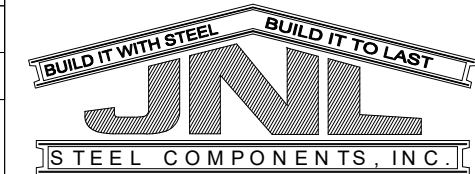
REVISIONS			
NO.	NOTES	BY	DATE
--	--	--	00-00-00



F-24823
SEALED 01/17/2024

SPLICE BOLTS					
Splice Mark	Quan		-----Bolt-----		
	Top/	Bot	Type	Dia	Length
SP- 1	4	4	A325	0.750	2.50

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
WF-3	W1464020	17'-7 3/8"
WF-1	W1464020	19'-6"



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SEMINOLE, TX 79360

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ODESSA, TX 79763

SHEET NAME/TITLE
WIND BENT ELEVATION

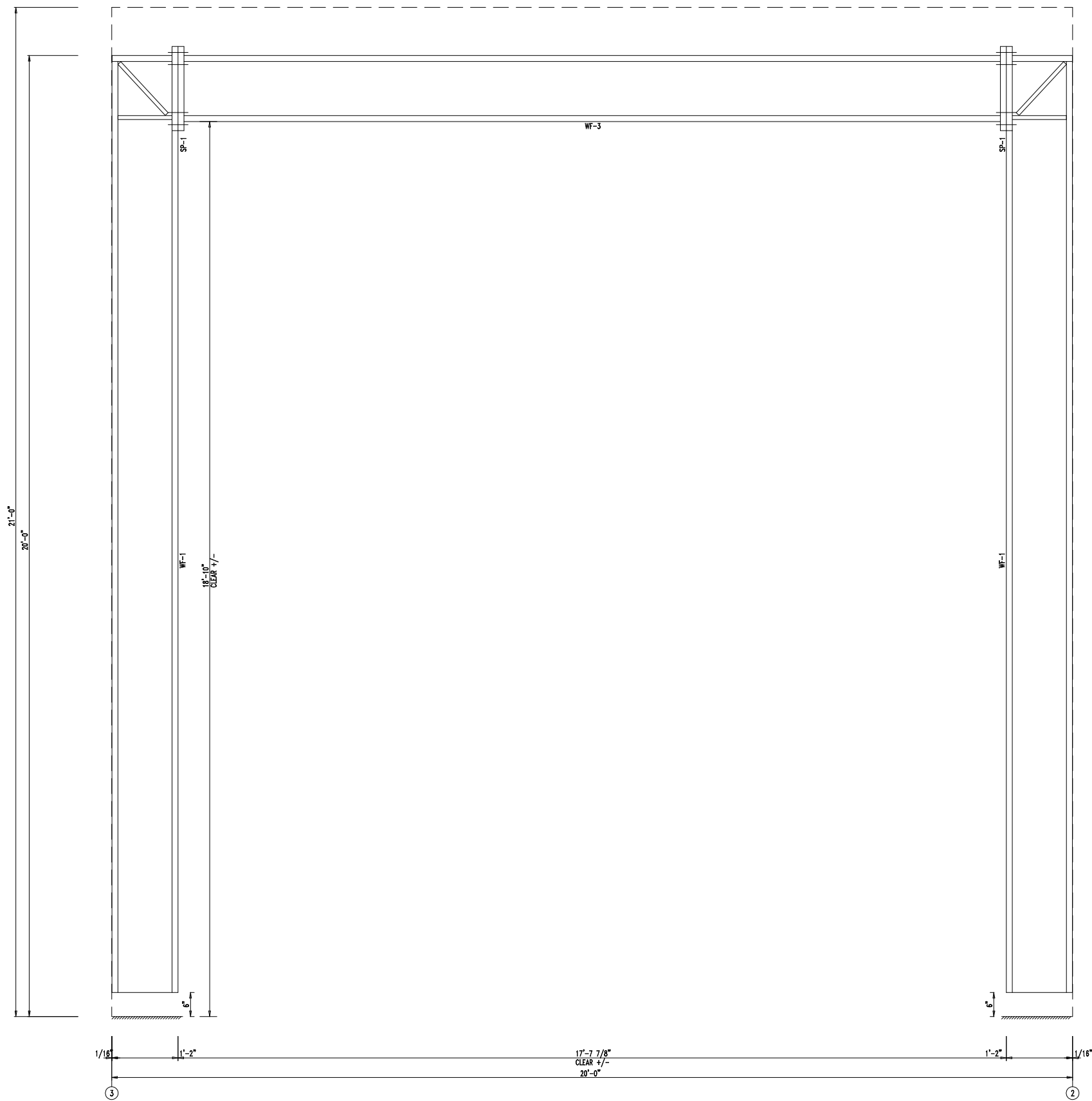
DRAWN BY BN DATE 1/11/24

CHECKED BY BN DATE 1/11/24

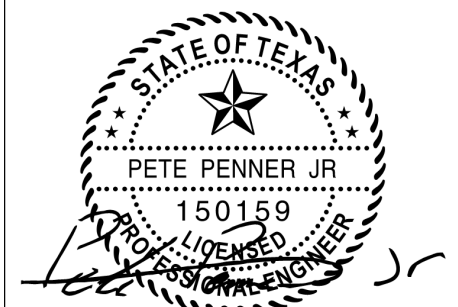
APPROVED BY DATE 1/11/24

SHEET NO. REV. SCALE
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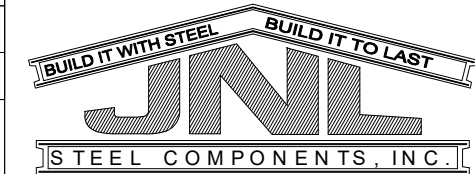
WIND BENT ELEVATION: FRAME LINE B



F-24823
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SPLICE BOLTS					
Splice Mark	Quan		-----Bolt-----		
	Top/	Bot	Type	Dia	Length
SP- 1	4	4	A325	0.750	2.50

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
WF-101	W1464020	21'-9 3/8"
WF-100	W1464020	22'-6"



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430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
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MADISON

ODESSA, TX 79763

SHEET NAME/TITLE
WIND BENT ELEVATION

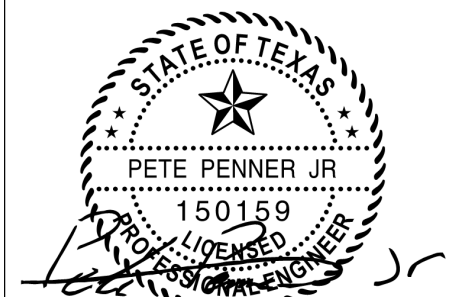
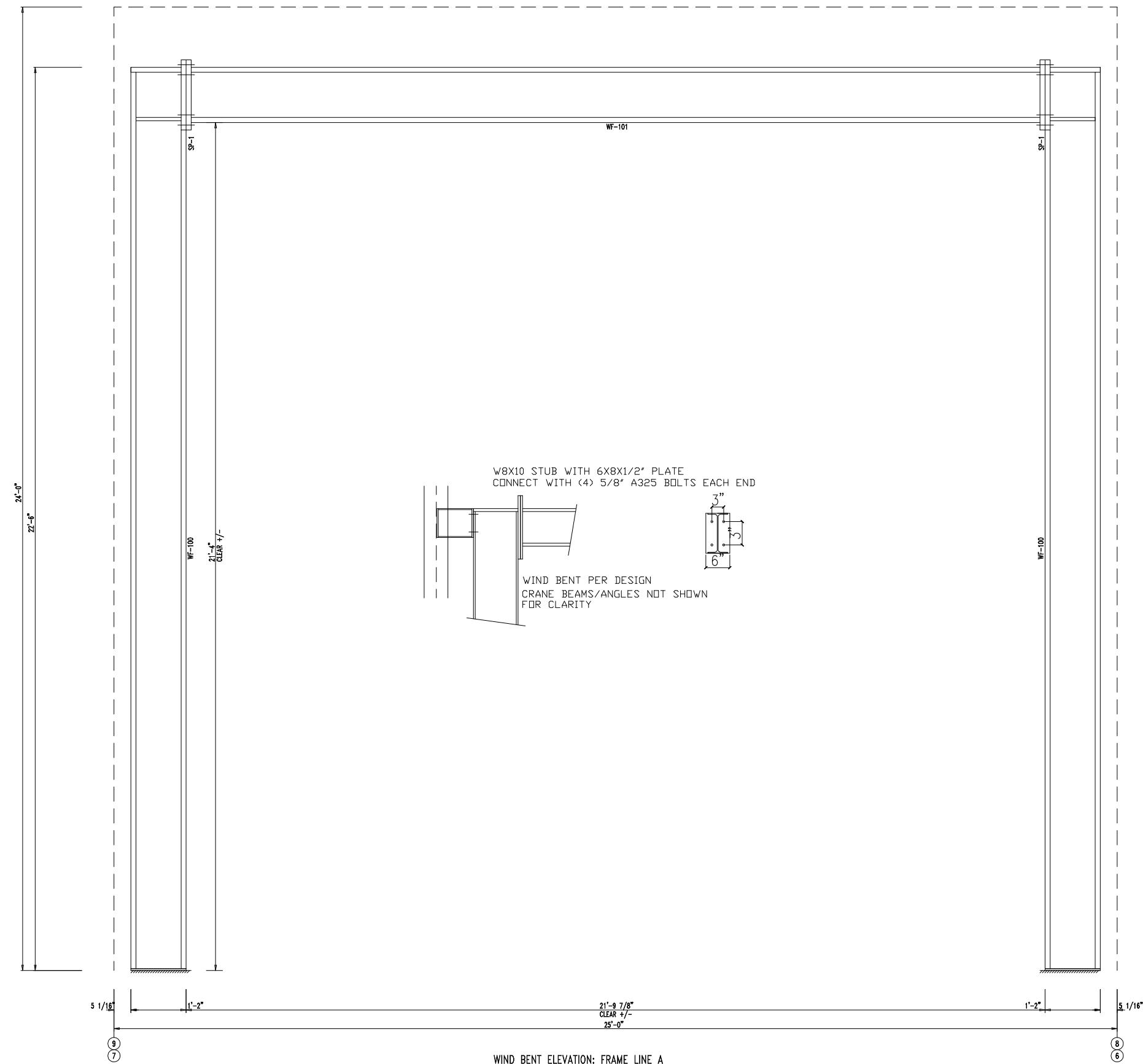
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CHECKED BY BN DATE 1/11/24

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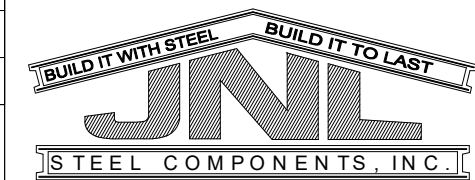
REVISIONS			
NO.	NOTES	BY	DATE
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F-24823
SEALED 01/17/2024

SPLICE BOLTS					
Splice Mark	Quan		-----Bolt-----		
	Top/	Bot	Type	Dia	Length
SP- 1	4	4	A325	0.750	2.50

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
WF-103	W1464020	21'-9 5/16"
WF-102	W1464020	18'-4"



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430 US HWY 180 W
SEMINOLE, TX 79360

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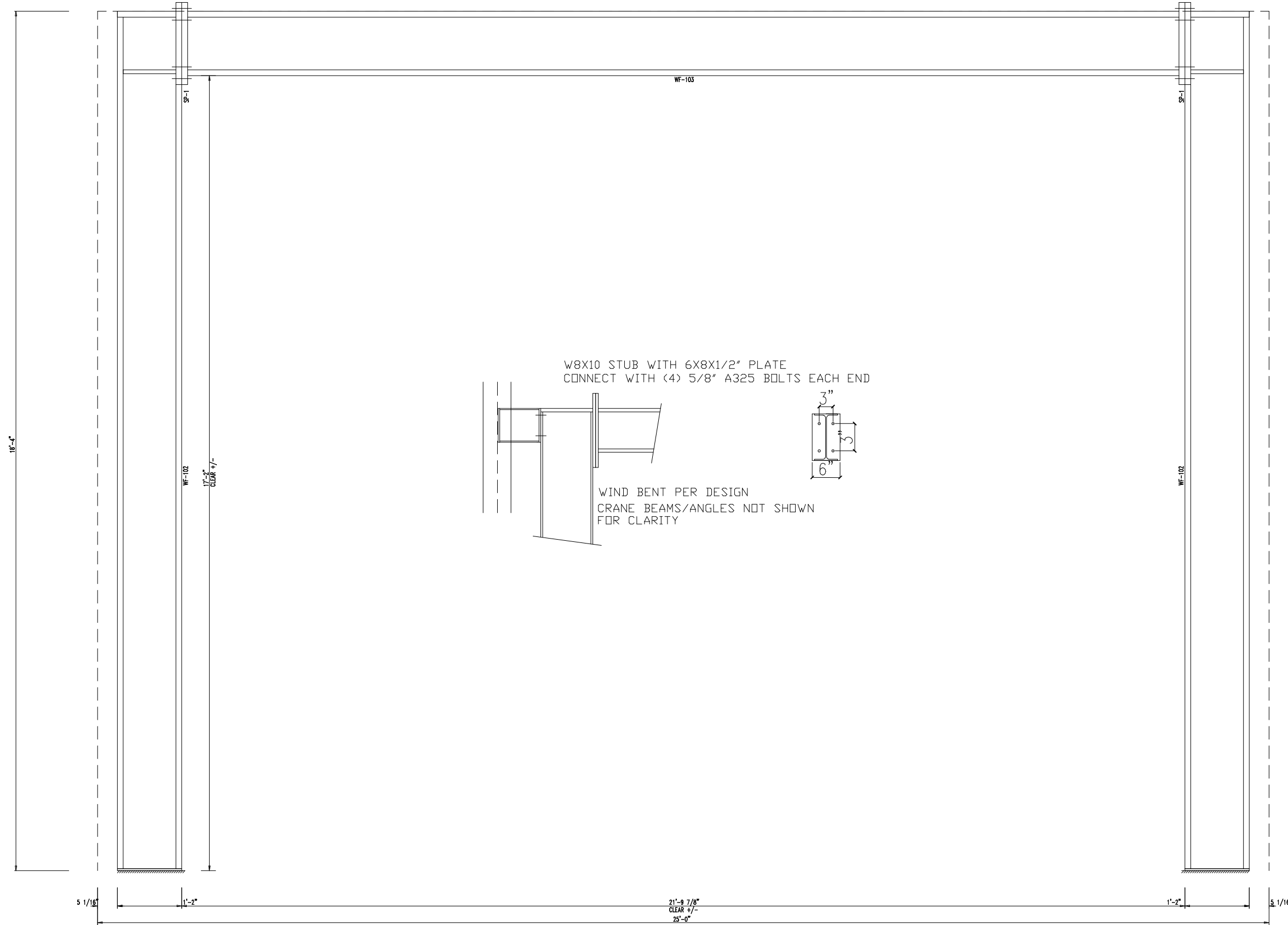
MADISON

ODESSA, TX 79763

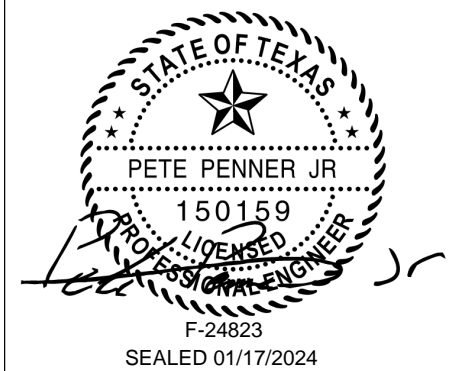
SHEET NAME/TITLE
WIND BENT ELEVATION

DRAWN BY BN	DATE 1/11/24
CHECKED BY BN	DATE 1/11/24
APPROVED BY	DATE 1/11/24
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WIND BENT ELEVATION: FRAME LINE G



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SHEET NAME/TITLE
 DETAIL DRAWINGS

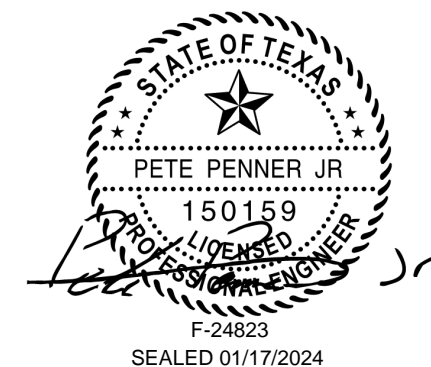
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CHECKED BY BN DATE 1/12/24

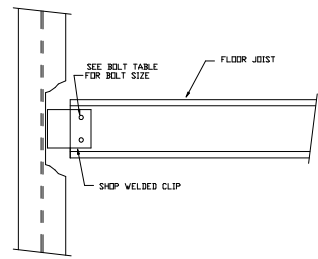
APPROVED BY DATE 1/12/24

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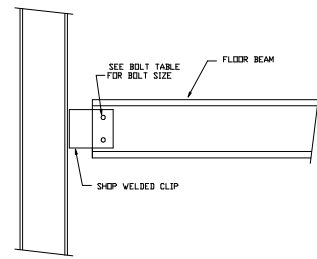
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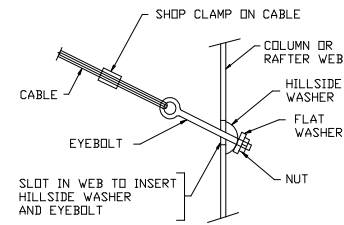
<p>A10 ROOF PURLIN TO EXPANDABLE ENDWALL RIGID FRAME</p>	<p>B19 COLUMN TO RIGID FRAME RAFTER</p>	<p>B35 R/W COLUMN TO RIGID FRAME RAFTER</p>	<p>B40 R/W COLUMN TO RIGID FRAME RAFTER</p>	<p>C6 GIRT TO COLUMN</p>
<p>C12 ENDWALL COLUMN TO WALL GIRT</p>	<p>C15 GIRT/HEADER BEAM TO R/W COLUMN</p>	<p>D13 CORNER COLUMN TO WALL GIRT</p>	<p>E3 BASE PLATE FOR ENDWALL COLUMN</p>	<p>E6 BASE PLATE FOR ENDWALL COLUMN OR DOOR JAMB</p>
<p>G2 ROOF PURLIN TO INTERIOR FRAME RAFTER</p>	<p>G25 FLANGE BRACE TO PURLIN/GIRT CLIP</p>	<p>H6 WALL GIRT TO FRAME COLUMN</p>	<p>H9 WIND BENT OR WIND COLUMN TO BUILDING COLUMN</p>	<p>H10 WIND BENT OR WIND COLUMN TO BUILDING COLUMN</p>
<p>J23 EAVE STRUT TO RIGID FRAME</p>	<p>K2 WALL GIRT TO DOOR JAMB</p>	<p>K5 WALL COLUMN TO DOOR JAMB</p>	<p>L1 DOOR JAMB TO EAVE STRUT</p>	<p>L6 DOOR JAMB TO WALL GIRT</p>
<p>L75 DOOR JAMB TO FLOOR BEAM</p>	<p>L79 DOOR JAMB TO WIND BENT</p>	<p>M1 HEADER TO C JAMB</p>	<p>N32 FLOOR JOIST TO BEAM</p>	<p>N33 FLOOR JOIST TO BEAM</p>
<p>N35 FLOOR JOIST TO BEAM</p>				



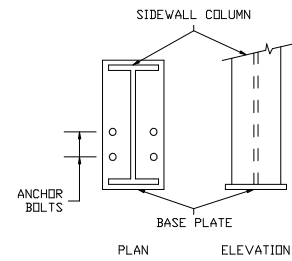
N49 FLOOR BEAM TO COLUMN WEB



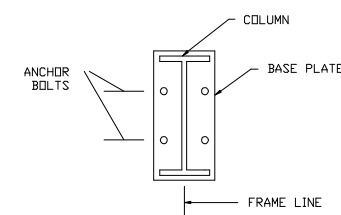
N52 FLOOR BEAM TO COLUMN FLANGE



Q2 DIAGONAL CABLE, EYEBOLT END



R2 ANCHOR BOLTS AT SIDEWALL COLUMN

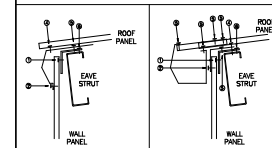


S1 INTERIOR COLUMN ANCHOR BOLTS

DT_SCRW1 - SCREW MARKER ILLUSTRATIONS

NOTE: TRIM, ANGLE, AND SCREW CONFIGURATIONS MAY NOT MATCH YOUR CONDITION. USE FOR ILLUSTRATION PURPOSES.

FOR EACH MARKER, THERE CAN BE UP TO 6 DIFFERENT SCREW USES:
 #WALL_P = SCREW FOR WALL PANEL (WALL COLOR)
 #TRIM_W = SCREW FOR TRIM BASED ON THE WALL PANEL (TRIM COLOR)
 #ANGLE_W = SCREW FOR ANGLE BASED ON THE WALL PANEL (ANGLE COLOR)
 #WALL_R = SCREW FOR ROOF PANEL (ROOF COLOR)
 #TRIM_R = SCREW FOR TRIM BASED ON ROOF PANEL (TRIM COLOR)
 #ANGLE_R = SCREW FOR ANGLE BASED ON ROOF PANEL (ANGLE COLOR)

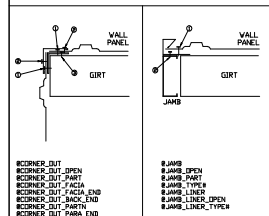


#WALL_EXTEND_H
 #WALL_OPEN_H
 #WALL_ANGLE_H
 #WALL_ANGLE_V
 #WALL_ANGLE_H
 #WALL_ANGLE_V
 #WALL_ANGLE_H
 #WALL_ANGLE_V
 #WALL_ANGLE_H
 #WALL_ANGLE_V

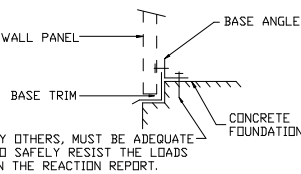
DT_SCRW1 - SCREW MARKER ILLUSTRATIONS

NOTE: TRIM, ANGLE, AND SCREW CONFIGURATIONS MAY NOT MATCH YOUR CONDITION. USE FOR ILLUSTRATION PURPOSES.

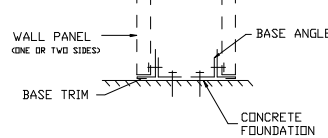
FOR EACH MARKER, THERE CAN BE UP TO 6 DIFFERENT SCREW USES:
 #WALL_P = SCREW FOR WALL PANEL (WALL COLOR)
 #TRIM_W = SCREW FOR TRIM BASED ON THE WALL PANEL (TRIM COLOR)
 #ANGLE_W = SCREW FOR ANGLE BASED ON THE WALL PANEL (ANGLE COLOR)
 #WALL_R = SCREW FOR ROOF PANEL (ROOF COLOR)
 #TRIM_R = SCREW FOR TRIM BASED ON ROOF PANEL (TRIM COLOR)
 #ANGLE_R = SCREW FOR ANGLE BASED ON ROOF PANEL (ANGLE COLOR)



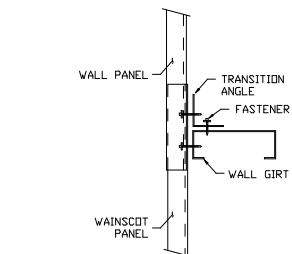
#SCREW3
 #WALL_OPEN
 #WALL_PART
 #WALL_PART
 #WALL_PART
 #WALL_PART
 #WALL_PART
 #WALL_PART
 #WALL_PART
 #WALL_PART



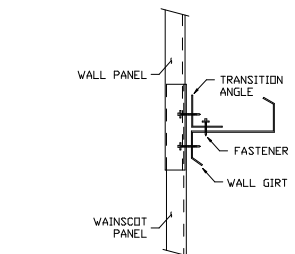
T1 SECTION THRU WALL PANEL AND CONCRETE FOUNDATION



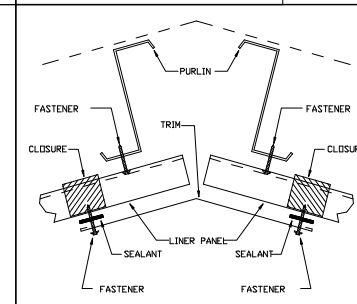
T10 SECTION THRU PARTITION BASE AND CONCRETE FLOOR



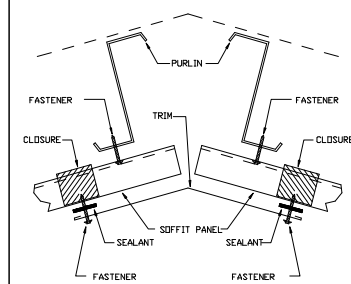
T19 TRANSITION FROM WALL PANEL TO WAINSCOT WITH PANELS LAPPED



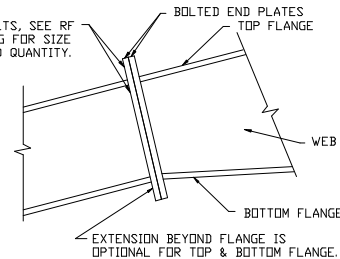
T22 TRANSITION FROM WALL PANEL TO WAINSCOT WITH PANELS LAPPED



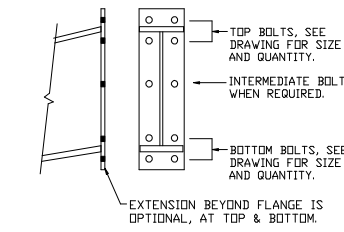
TRIM_259 RIDGE LINER



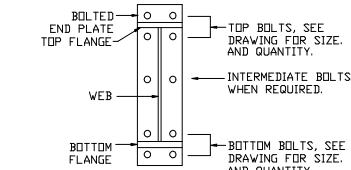
TRIM_271 SOFFIT RIDGE



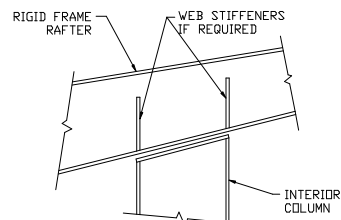
U1 BOLTED END PLATE RAFTER SPLICE



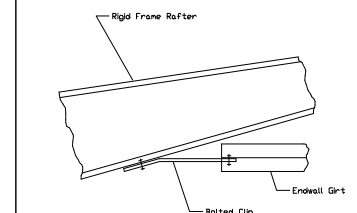
U2 BOLTED END PLATE CONNECTION AT BUILDING PEAK



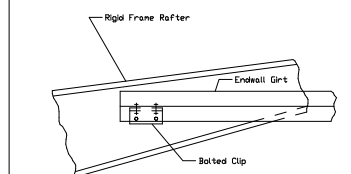
U3 BOLTS FOR RAFTER TO COLUMN CONNECTION



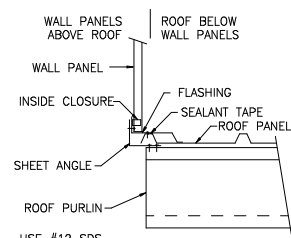
V1 INTERIOR COLUMN TO RAFTER



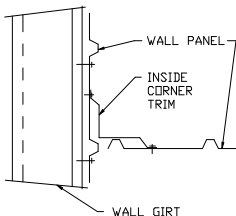
W4 SECTION OF ENDWALL GIRT TO RAFTER



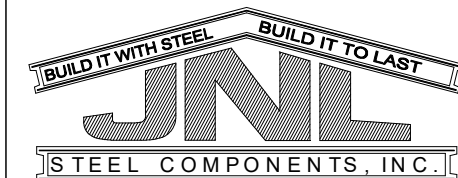
W8 SECTION OF ENDWALL GIRT TO RAFTER



X1 SECTION THRU WALL PANELS ABOVE ROOF



X2 SECTION THRU INSIDE CORNER OF WALL



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CUSTOMER INFO

PROJECT
 PB50637

MADISON

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SHEET NAME/TITLE
 DETAIL DRAWINGS

DRAWN BY: BN DATE: 1/12/24

CHECKED BY: BN DATE: 1/12/24

APPROVED BY: DATE: 1/12/24

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REVISIONS			
NO.	NOTES	BY	DATE
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