

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	



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

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.

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FOR PERMIT:

THESE DRAWINGS ARE FOR PERMIT USE ONLY, AND AS SUCH, PIECE MARKS MAY NOT BE IDENTIFIED. ONLY DRAWINGS LABELED "FOR CONSTRUCTION" CAN BE CONSIDERED COMPLETE.

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FOR CONSTRUCTION:

FINAL DRAWINGS.

DRAWING INDEX	
PAGE ID	DESCRIPTION
C1 of 2	Drawing Cover
C2 of 2	General Notes
E1 – E6	Anchor Bolt Plan/Details
E7 – E10	Roof Framing/Sheeting
E11 – E19	Endwall Framing/Sheeting
E20 – E28	Sidewall Framing/Sheeting
E29 – E48	Rigid Frame Drawings
E49 – E49	Partition Walls
E50 – E52	Crane Drawings
E53 – E56	Mezzanine Drawings
---	Jack Beams
E57 – E84	Wall/Roof Insulation
E85 – E85	Wall/Roof Liner Panels
E86 – E95	Wind Brace
E96 – E97	Details

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

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

ADDITIONAL NOTES:

F-24823
SEALED 04/22/2024

SALES PERSON: BOBBY

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△

△

△

REV.

DATE

REVISION

PURCHASER: IRONSITE

PROJECT: ALPHA

JOB NUMBER: PB50616

JOB ADDRESS: ODESSA, TX 79760

Sheet No.
C1 of 2

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 slopped 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.



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

CUSTOMER INFO
IRONSITE

PROJECT
PB50616
ALPHA

ODESSA, TX 79760

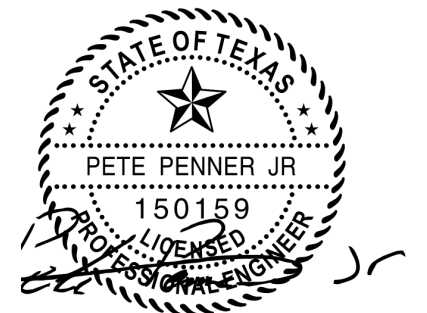
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General Notes

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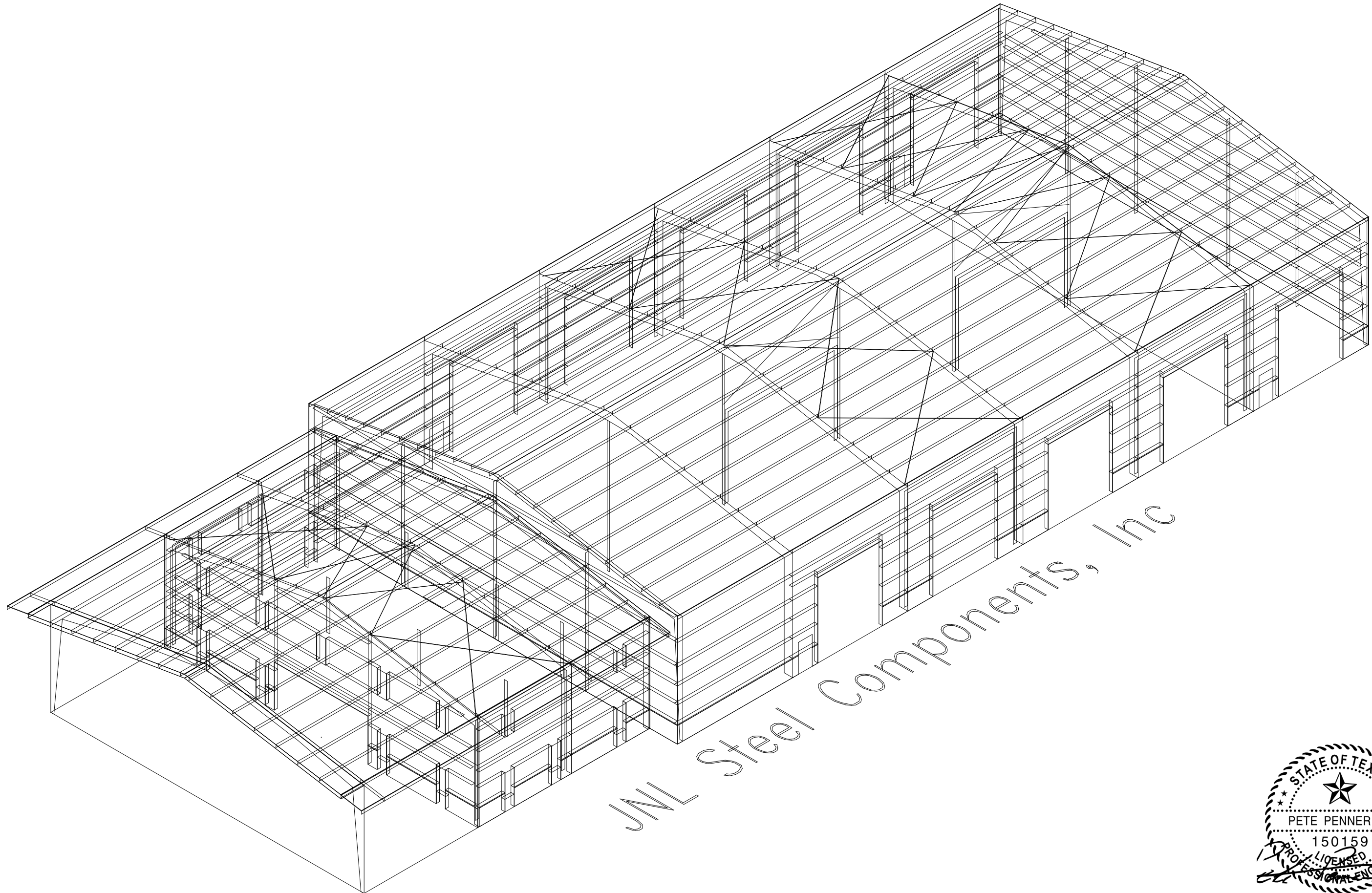
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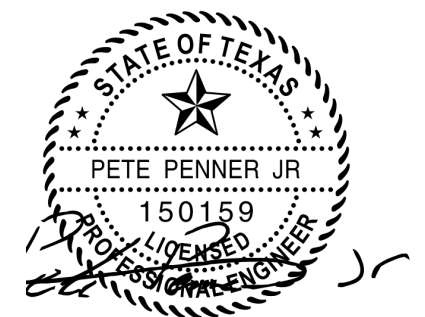
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C2 of 2	--	NTS

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JNL Steel Components, Inc



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ALL COLUMNS TO BE AT FINISH FLOOR HEIGHT



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

CUSTOMER INFO

PROJECT
PB50683

RAE
ODESSA, TX 79763

SHEET NAME/TITLE
ANCHOR BOLT PLAN

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BN

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4/12/24

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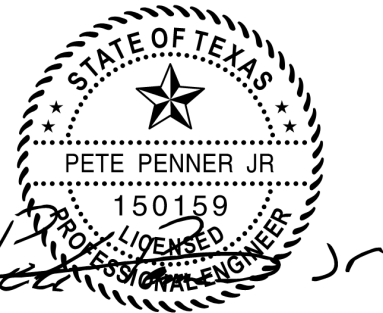
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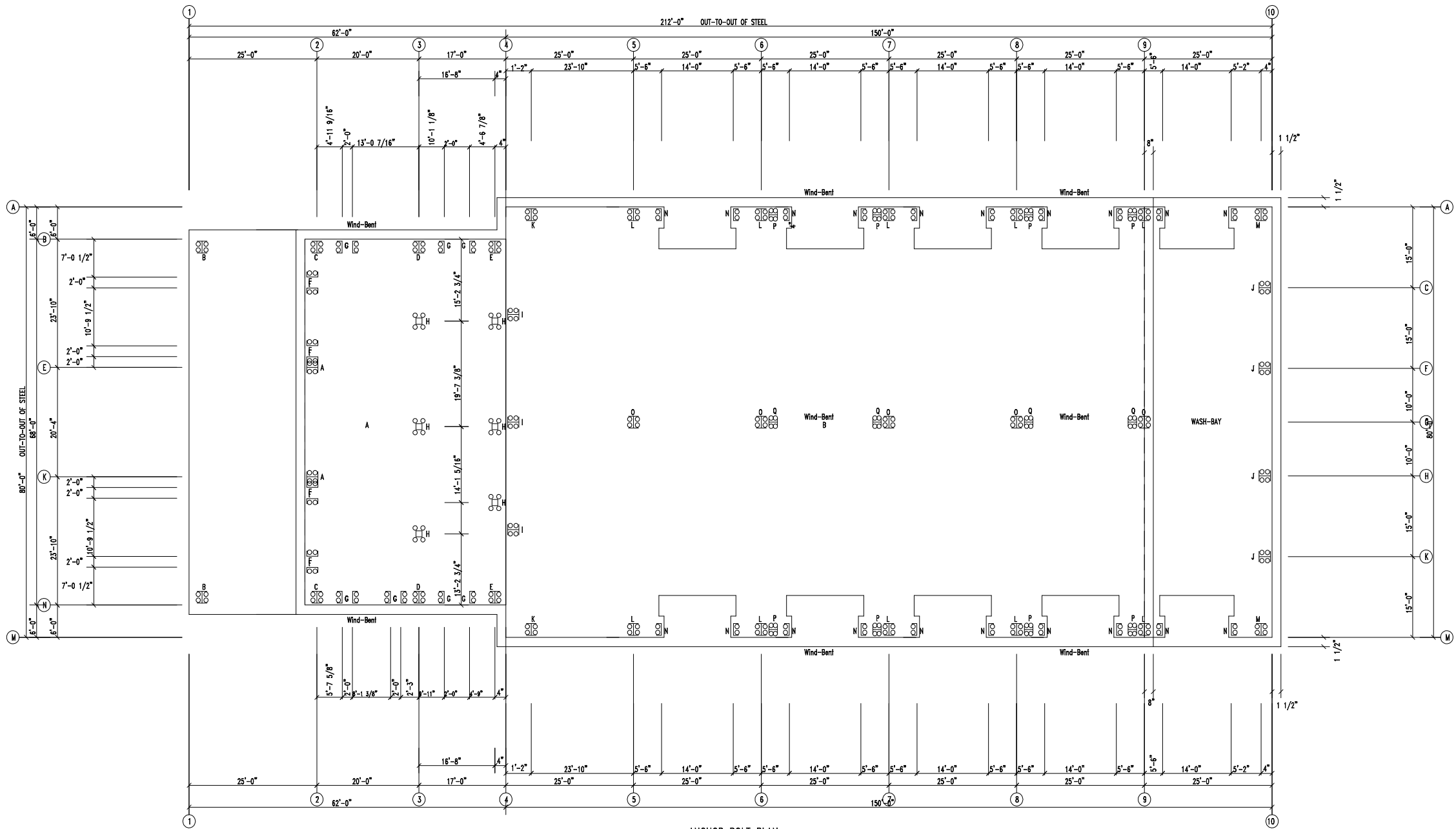
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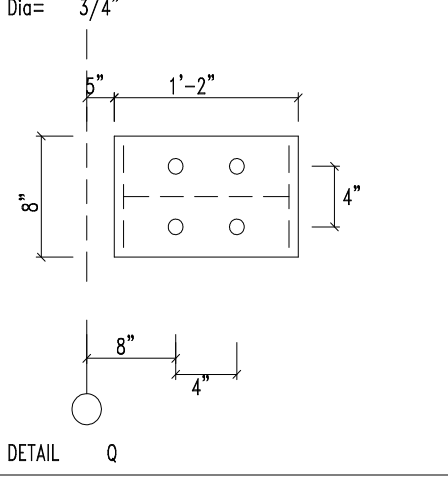
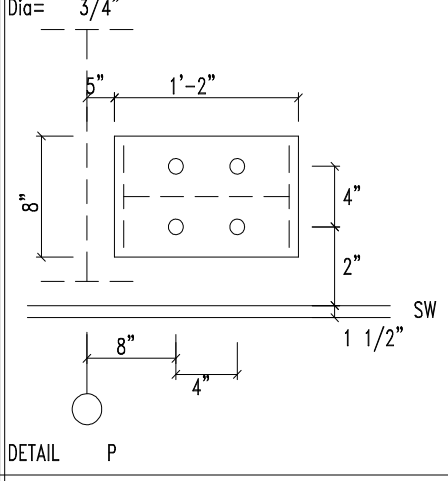
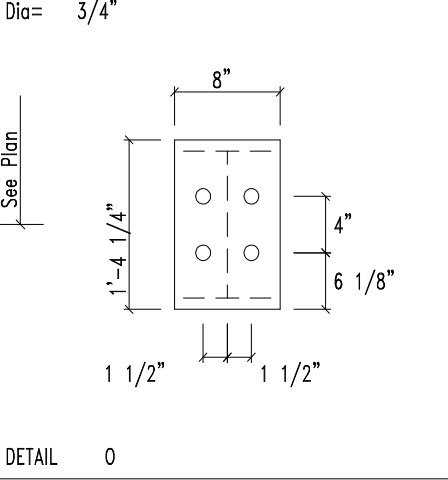
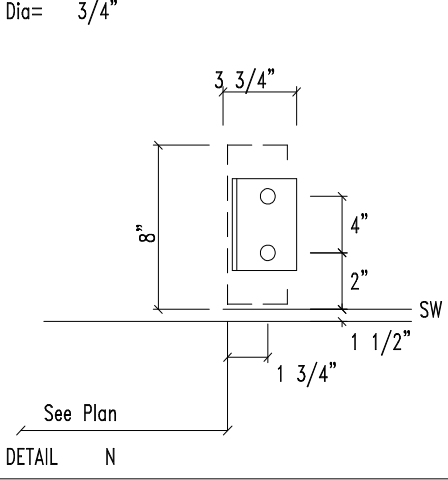
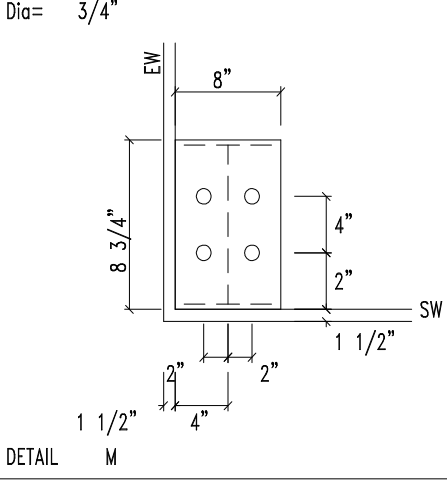
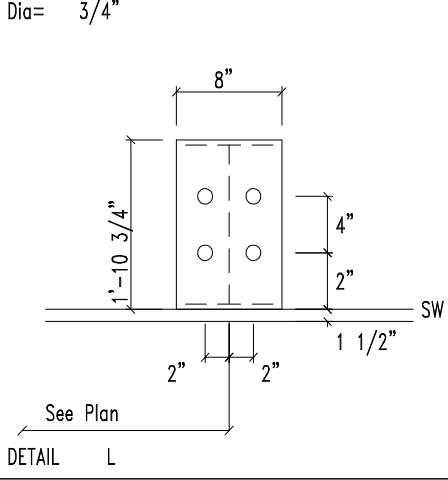
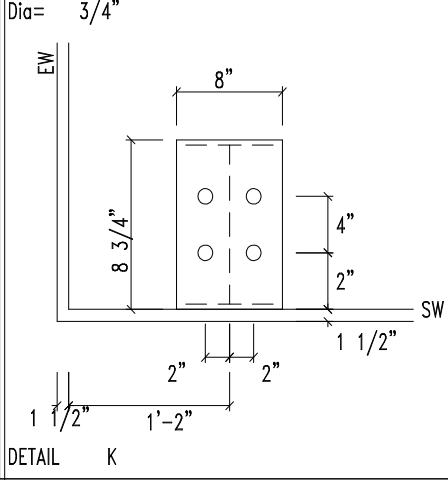
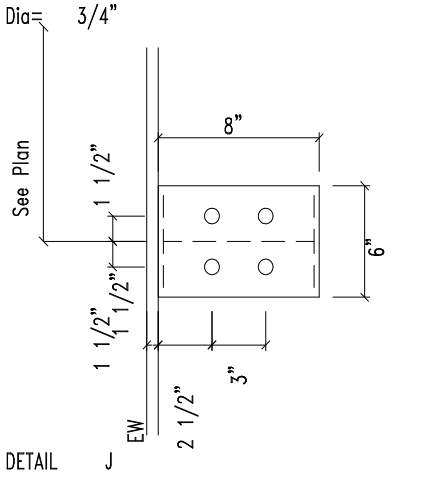
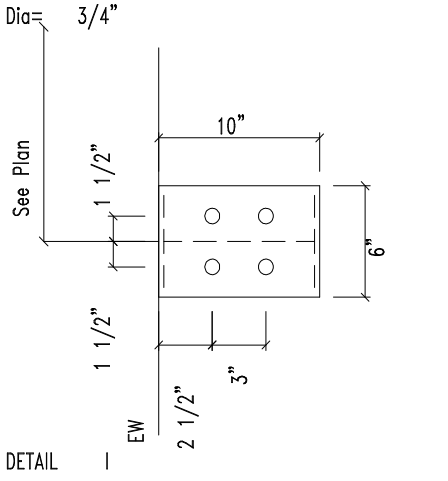
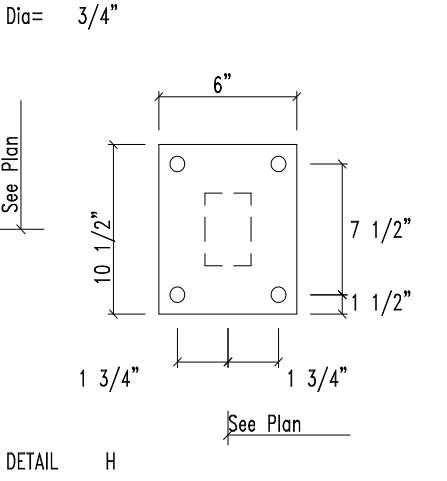
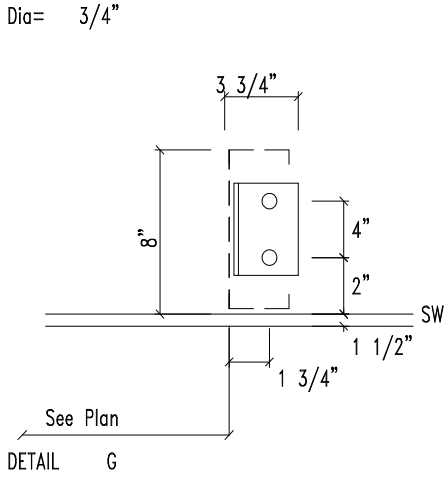
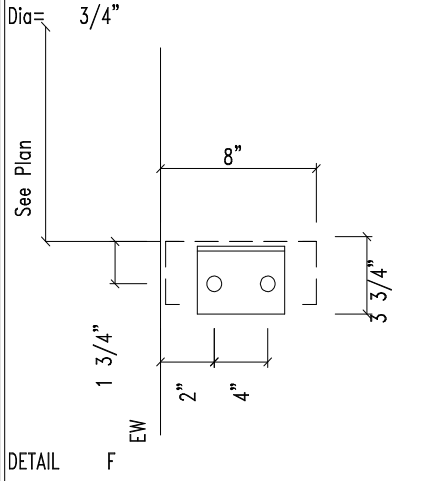
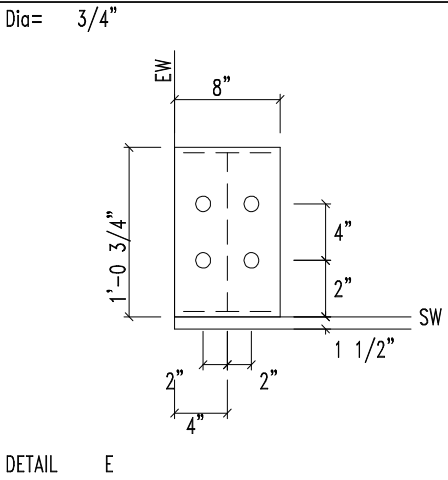
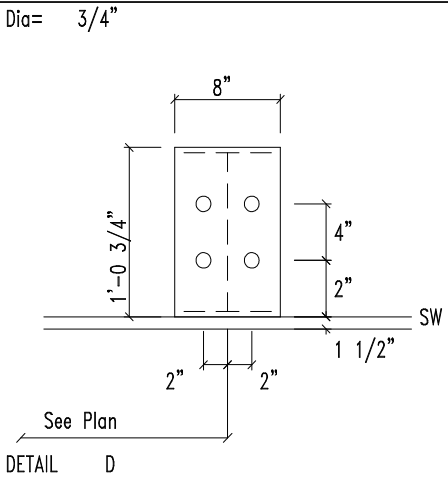
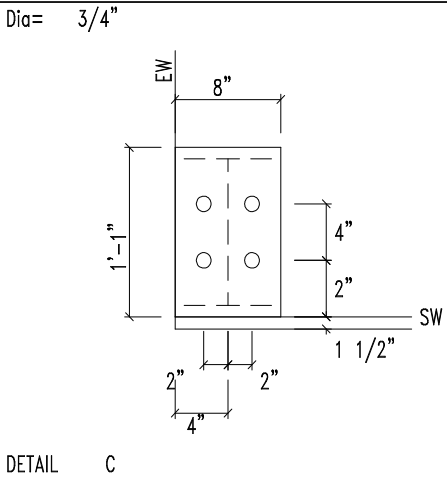
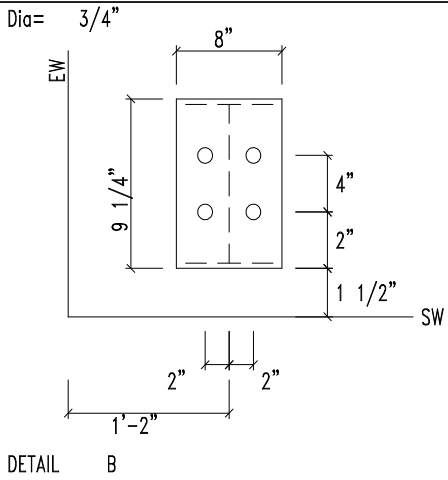
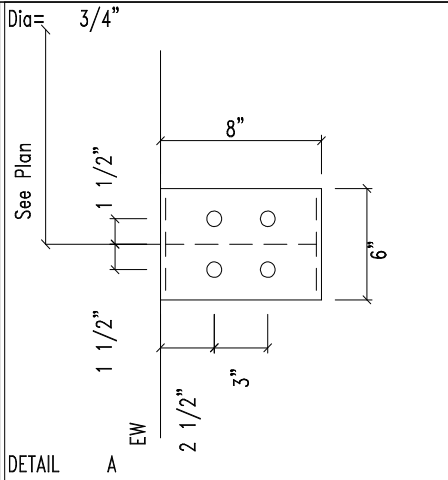
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ANCHOR BOLT PLAN
NOTE: All Base Plates @ 100'-0" (U.N.)



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

CUSTOMER INFO

PROJECT
PB50683

RAE
ODESSA, TX 79763

SHEET NAME/TITLE
ANCHOR BOLT DETAILS

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4/12/24

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DATE
4/12/24

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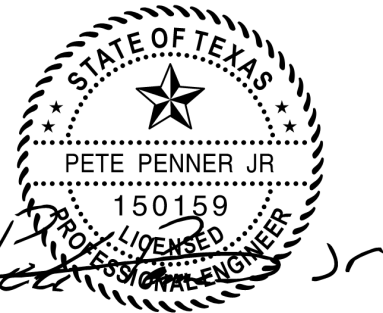
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SHEET NO.
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REV.
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SCALE
NTS

REVISIONS			
NO.	NOTES	BY	DATE
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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	Sels 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	

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)

Length (ft)

Eave Height (ft)

Roof Slope (rise/run)

Dead Load (psf)

Collateral Load (psf)

Roof Live Load (psf)

Frame Live Load (psf)

Min (psf)

Max (psf)

Snow Load (psf)

Wind Speed (mph)

Wind Code

Exposure

Closure

Importance Wind

Importance Seismic

Seismic Zone

Seismic Coeff (Fa/Ss)

= 68.0

= 62.0

= 21.0/ 21.0

= 2.0/ 2.0

= 3.0

= 0.5

= 20.0

= 12.0

= 12.2

= 3.5

= 105.0

= IBC 18

= C

= Enclosed

= 1.00

= 1.00

= A

= 0.23

- Dead+Collateral+Snow+Snow_Drift
- Dead+Collateral+0.75Live+0.45Wind_Long2R
- 0.6Dead+0.6Wind_Left1
- 0.6Dead+0.6Wind_Right1
- 0.6Dead+0.6Wind_Left2
- 0.6Dead+0.6Wind_Right2
- 0.6Dead+0.6Wind_Long1L
- 0.6Dead+0.6Wind_Long2L
- Dead+Collateral+Floor_Live
- Dead+Collateral+0.75Live+0.75Floor_Live
- Dead+Collateral+0.75Snow+0.75Snow_Drift+0.75Floor_Live
- Dead+Collateral+0.75Live+0.45Wind_Left2+0.75Floor_Live
- Dead+Collateral+0.75Live+0.45Wind_Right2+0.75Floor_Live
- 0.6Dead+0.6Wind_Right2+0.6Wind_Suction
- 0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L

ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)	Type	Proj (in)
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

		± Reactions(k)							Panel Shear (lb/ft)		Notes
Loc	Wall Line	Col Line	Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Wind	Seis	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)

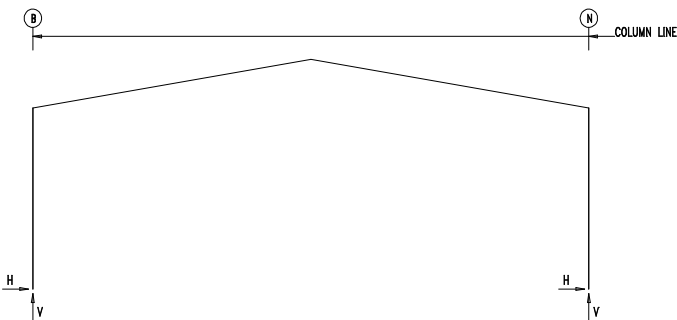
(b)Wind bent in bay, base above finish floor
(b)Rigid frame at endwall

Reactions for seismic represent shear force, Eh

FLOOR COLUMN REACTIONS

Frame Line	Col Line	Max_Vert Ld	Dead Vert (k)	Coll Vert (k)	Live Vert (k)	Anc._Bolt Qty	Base Plate Width	(n) Length	Thick	Grout (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

FRAME LINES: 1 2 3 4



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			6	-2.9	-7.6	
1	N	2	3.7	-6.0	2	-5.7	12.7	
		6	-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:

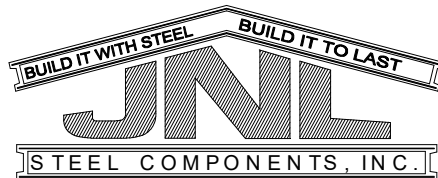
		MAXIMUM REACTIONS						
Frm Line	Col Line	Load Id	Hmax H	Column_Reactions(k) V Vmax	Load Id	Hmin H	V Vmin	
3	B	4	3.0	-1.9	12	-2.8	16.1	
		10	-1.6	20.6	7	1.7	-7.1	
3	N	13	2.8	15.5	3	-3.0	-2.0	
		10	1.6	20.0	8	-1.7	-7.2	

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	13.8	3	-0.5	-3.0	
4	N	1	2.4	13.3	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 Horz	Dead Vert	Collateral Horz	Collateral Vert	Live Horz	Live Vert	Snow Horz	Snow Vert	Wind_Left1 Horz	Wind_Left1 Vert	Wind_Right1 Horz	Wind_Right1 Vert	Wind_Long1 Horz	Wind_Long1 Vert
1	B	1.3	3.2	0.2	0.4	3.9	9.0	3.9	9.0	-6.2	-15.7	-7.2	-13.1	-1.1	-18.4
1	N	-1.3	3.2	-0.2	0.4	-3.9	9.0	-1.2	2.4	7.2	-13.1	6.2	-15.7	-1.1	-18.4
Frame Line	Column Line	Wind_Left2 Horz	Wind_Left2 Vert	Wind_Right2 Horz	Wind_Right2 Vert	Wind_Long1 Horz	Wind_Long1 Vert	Wind_Long2 Horz	Wind_Long2 Vert	Seismic_Left Horz	Seismic_Left Vert	Seismic_Right Horz	Seismic_Right Vert	Seismic_Long Horz	Seismic_Long Vert
1	B	-7.4	-13.2	-6.1	-15.9	-6.7	-12.3	2.8	5.2	-0.2	-0.1	0.2	0.1	0.2	0.1
1	N	6.1	-15.9	7.4	-13.2	6.7	-12.3	-2.8	5.2	-0.2	0.1	0.2	0.1	0.2	0.1
Frame Line	Column Line	MIN_SNOW Horz	MIN_SNOW Vert	F1UNB_SL_L Horz	F1UNB_SL_L Vert	F1UNB_SL_R Horz	F1UNB_SL_R Vert	MIN_SNOW Horz	MIN_SNOW Vert	F2UNB_SL_L Horz	F2UNB_SL_L Vert	F2UNB_SL_R Horz	F2UNB_SL_R Vert	MIN_SNOW Horz	MIN_SNOW Vert
1	B	1.7	3.5	1.3	2.8	1.3	2.8	1.7	3.5	1.3	2.8	1.3	2.8	1.7	3.5
1	N	-1.7	3.5	-1.3	2.8	-1.3	2.8	-1.7	3.5	-1.3	2.8	-1.3	2.8	-1.7	3.5
Frame Line	Column Line	Dead Horz	Dead Vert	Collateral Horz	Collateral Vert	Live Horz	Live Vert	Floor Horz	Floor Vert	Snow Horz	Snow Vert	Wind_Left1 Horz	Wind_Left1 Vert	Wind_Long1 Horz	Wind_Long1 Vert
2	B	-0.6	6.2	-0.1	1.2	-0.1	1.2	-0.1	1.2	-0.1	1.2	-0.1	1.2	-0.1	1.2
2	N	0.6	6.2	0.1	1.2	0.1	1.2	0.1	1.2	0.1	1.2	0.1	1.2	0.1	1.2
Frame Line	Column Line	Wind_Right1 Horz	Wind_Right1 Vert	Wind_Left2 Horz	Wind_Left2 Vert	Wind_Right2 Horz	Wind_Right2 Vert	Wind_Long1 Horz	Wind_Long1 Vert	Wind_Long2 Horz	Wind_Long2 Vert	Seismic_Left Horz	Seismic_Left Vert	Seismic_Long Horz	Seismic_Long Vert
2	B	7.0	-12.0	-2.5	-14.0	5.7	-11.8	2.7	-17.8	-0.7	-17.8	-0.7	-17.8	-0.7	-17.8
2	N	1.1	-18.4	-5.7	-11.8	2.4	-14.0	-2.7	-17.8	-0.7	-17.8	-0.7	-17.8	-0.7	-17.8
Frame Line	Column Line	Seismic_Right Horz	Seismic_Right Vert	Seismic_Long Horz	Seismic_Long Vert	MIN_SNOW Horz	MIN_SNOW Vert	F2UNB_SL_L Horz	F2UNB_SL_L Vert	F2UNB_SL_R Horz	F2UNB_SL_R Vert	MIN_SNOW Horz	MIN_SNOW Vert	Seismic_Long Horz	Seismic_Long Vert
2	B	0.7	0.3	0.0	-0.9	-0.8	4.2	-0.7	3.4	-0.7	3.4	-0.7	3.4	-0.7	3.4
2	N	0.7	-0.3	0.0	-0.9	0.8	4.2	0.7	3.4	0.7	3.4	0.7	3.4	0.7	3.4
Frame Line	Column Line	Dead Horz	Dead Vert	Collateral Horz	Collateral Vert	Live Horz	Live Vert	Floor Horz	Floor Vert	Snow Horz	Snow Vert	Wind_Left1 Horz	Wind_Left1 Vert	Wind_Long1 Horz	Wind_Long1 Vert
3	B	-0.5	5.4	-0.1	1.1	-1.5	9.1	-0.1	9.6	-0.5	2.5	-0.5	2.5	-0.5	2.5
3	N	0.5	5.3	0.1	1.0	1.5	9.1	-0.1	9.1	0.5	2.5	0.5	2.5	0.5	2.5
Frame Line	Column Line	Wind_Left1 Horz	Wind_Left1 Vert	Wind_Right1 Horz	Wind_Right1 Vert	Wind_Left2 Horz	Wind_Left2 Vert	Wind_Right2 Horz	Wind_Right2 Vert	Wind_Long1 Horz	Wind_Long1 Vert	Wind_Long2 Horz	Wind_Long2 Vert	Seismic_Left Horz	Seismic_Left Vert
3	B	-1.2	-14.4	5.5	-8.6	-2.7	-10.0	4.0	-4.2	3.4	-17.3	2.6	-15.4	-0.7	-17.8
3	N	-5.5	-8.6	1.2	-14.4	-4.0	-4.2	2.7	-10.0	-2.6	-15.4	-3.4	-17.3	-0.7	-17.8
Frame Line	Column Line	Seismic_Left Horz	Seismic_Left Vert	Seismic_Right Horz	Seismic_Right Vert	MIN_SNOW Horz	MIN_SNOW Vert	F3UNB_SL_L Horz	F3UNB_SL_L Vert	F3UNB_SL_R Horz	F3UNB_SL_R Vert	MIN_SNOW Horz	MIN_SNOW Vert	Seismic_Long Horz	Seismic_Long Vert
3	B	-1.0	-0.4	1.0	0.4	0.0	-0.9	-0.6	3.5	-0.5	2.8	-0.5	2.8	-0.5	2.8
3	N	-0.9	0.4	0.9	-0.4	0.0	-0.9	0.6	3.5	0.5	2.8	0.5	2.8	0.5	2.8
Frame Line	Column Line	Dead Horz	Dead Vert	Collateral Horz	Collateral Vert	Live Horz	Live Vert	Floor Horz	Floor Vert	Snow Horz	Snow Vert	Wind_Left1 Horz	Wind_Left1 Vert	Wind_Long1 Horz	Wind_Long1 Vert
4	B	-0.3	3.2	0.0	0.5	-0.8	4.4	0.1	4.4	-0.2	1.2	-1.8	7.9	-1.8	7.9
4	N	0.3	3.6	0.0	0.6	0.8	4.4	-0.1	6.1	0.2	1.2	1.8	7.9	1.8	7.9
Frame Line	Column Line	Wind_Left1 Horz	Wind_Left1 Vert	Wind_Right1 Horz	Wind_Right1 Vert	Wind_Left2 Horz	Wind_Left2 Vert	Wind_Right2 Horz	Wind_Right2 Vert	Wind_Long1 Horz	Wind_Long1 Vert	Wind_Long2 Horz	Wind_Long2 Vert	Seismic_Left Horz	Seismic_Left Vert
4	B	-0.4	-8.1	3.0	-4.9	-1.2	-6.1	1.2	-6.1	1.9	-5.9	1.4	-4.8	-1.9	-5.9
4	N	-3.0	-4.9	0.4	-8.1	-2.3	-2.8	1.2	-6.1	-1.4	-4.8	-1.9	-5.9	-1.9	-5.9
Frame Line	Column Line	Seismic_Left Horz	Seismic_Left Vert	Seismic_Right Horz	Seismic_Right Vert	MIN_SNOW Horz	MIN_SNOW Vert	F4UNB_SL_L Horz	F4UNB_SL_L Vert	F4UNB_SL_R Horz	F4UNB_SL_R Vert	MIN_SNOW Horz	MIN_SNOW Vert	Seismic_Long Horz	Seismic_Long Vert
4	B	-0.5	-0.2	0.5	0.2	-0.3	1.7	-0.3	1.4	-0.3	0.8	-0.3	0.8	-0.3	0.8
4	N	-0.5	0.2	0.5	-0.2	0.3	1.7	0.3	0.8	0.3	0.8	0.3	0.8	0.3	0.8



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

CUSTOMER INFO

PROJECT
PB50683

RAE

ODESSA, TX 79763

SHEET NAME/TITLE
ANCHOR BOLT REACTIONS

DRAWN BY
BN

DATE
4/12/24

CHECKED BY
BN

DATE
4/12/24

APPROVED BY
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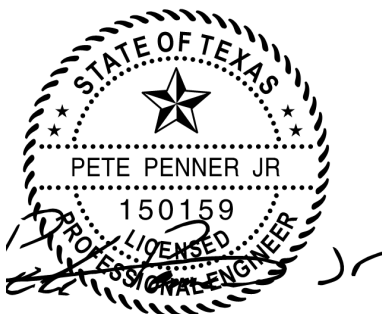
DATE
4/12/24

SHEET NO.
E4 of 97

REV.
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SCALE
NTS

REVISIONS			
NO.	NOTES	BY	DATE
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F-24823
SEALED 04/22/2024

RIGID FRAME:		BASIC COLUMN REACTIONS (k)																											
Frame	Column	---Dead---				---Colateral---				---Live---				---Snow---				---Wind_Left1---				---Wind_Right1---							
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert								
4	A	0.0	2.2	0.1	0.3	3.1	6.3	0.9	1.8	7.7	12.1	1.8	3.8	5.1	1.8	3.8	5.1	1.8	3.8	5.1	1.8								
4	M	-0.9	2.2	-0.1	0.3	-3.1	6.3	-0.9	1.8	1.6	-8.1	7.7	-12.1	1.8	-8.1	7.7	-12.1	1.8	-8.1	7.7	-12.1								
Frame	Column	---Wind_Left2---				---Wind_Right2---				---Wind_Long1---				---Wind_Long2---				---Selmatic_Left				---Selmatic_Right							
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert								
4	A	-7.0	-8.4	-0.9	-4.3	-2.3	-11.0	-3.2	-8.9	-0.2	-0.1	-0.2	0.1	-0.2	0.1	-0.2	0.1	-0.2	0.1	-0.2	0.1								
4	M	0.9	-4.3	7.0	-8.4	3.2	-8.9	2.3	-11.0	-0.3	0.1	-0.3	0.1	-0.3	0.1	-0.3	0.1	-0.3	0.1	-0.3	0.1								
Frame	Column	---MIN_SNOW---				F1UNB_SL_1---				F1UNB_SL_R---				F2ORANE1---				F2ORANE2---				F2ORANE3---				F2ORANE4---			
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert								
4	A	1.5	2.6	1.0	2.1	1.0	1.3	1.0	1.3	1.0	1.3	1.0	1.3	1.0	1.3	1.0	1.3	1.0	1.3	1.0	1.3								
4	M	-1.3	2.6	-1.0	1.3	-1.0	1.3	-1.0	1.3	-1.0	1.3	-1.0	1.3	-1.0	1.3	-1.0	1.3	-1.0	1.3	-1.0	1.3								
Frame	Column	---Dead---				---Colateral---				---Live---				---Snow---				---Wind_Left1---				---Wind_Right1---							
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert								
5	A	0.3	1.8	0.1	0.2	1.3	5.9	0.4	1.7	-3.8	-5.1	6.0	-11.3	0.4	1.7	-3.8	-5.1	6.0	-11.3	0.4	1.7								
5	M	-0.3	1.8	-0.1	0.2	-1.3	5.9	-0.4	1.7	-3.8	-5.1	6.0	-11.3	-0.4	1.7	-3.8	-5.1	6.0	-11.3	-0.4	1.7								
5	G	0.0	3.5	0.0	0.5	0.0	11.7	0.0	3.4	-0.9	-14.4	0.9	-14.4	0.0	3.4	-0.9	-14.4	0.9	-14.4	0.0	3.4								
Frame	Column	---Wind_Left2---				---Wind_Right2---				---Wind_Long1---				---Wind_Long2---				---Selmatic_Left				---Selmatic_Right							
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert								
5	A	-7.2	-6.9	2.6	-0.7	1.6	-10.2	1.3	-7.4	-0.5	-0.4	0.5	0.4	-7.2	-6.9	2.6	-0.7	1.6	-10.2	1.3	-7.4								
5	M	-2.5	-0.7	7.2	-6.9	1.6	-10.2	1.3	-7.4	-0.5	-0.4	0.5	0.4	-2.5	-0.7	7.2	-6.9	1.6	-10.2	1.3	-7.4								
5	G	-0.9	-8.9	0.9	-8.9	1.0	-12.4	-1.0	-12.4	-0.4	0.0	0.4	0.0	-0.9	-8.9	0.9	-8.9	1.0	-12.4	-1.0	-12.4								
Frame	Column	---MIN_SNOW---				F2ORANE1---				F2ORANE2---				F2ORANE3---				F2ORANE4---				F2ORANE5---							
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert								
5	A	0.6	2.5	-0.4	22.8	2.0	24.6	-0.1	3.5	2.3	5.2	-0.9	2.7	-0.6	2.5	-0.4	22.8	2.0	24.6	-0.1	3.5								
5	M	-0.6	2.5	-2.3	5.2	0.1	3.5	-2.0	24.6	0.4	22.8	-1.5	4.4	-0.6	2.5	-2.3	5.2	0.1	3.5	-2.0	24.6								
5	G	0.0	4.9	-1.1	27.7	1.7	27.7	-1.7	27.7	-1.1	27.7	1.1	27.7	-1.1	27.7	1.1	27.7	-1.1	27.7	1.1	27.7								
Frame	Column	F2ORANE6---				F2PAT_LL_1---				F2PAT_LL_2---				F2UNB_SL_1---				F2UNB_SL_R---											
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert								
5	A	1.5	4.4	1.2	5.9	0.2	0.0	0.4	1.9	0.1	0.4	0.3	4.1	0.1	0.4	0.3	4.1	0.1	0.4	0.3	4.1								
5	M	-0.9	2.7	-1.2	5.9	-0.2	0.0	-0.1	0.4	-0.1	0.4	-0.3	4.1	-0.1	0.4	-0.3	4.1	-0.1	0.4	-0.3	4.1								
5	G	1.4	48.7	-1.0	5.8	1.0	5.8	-1.0	5.8	-0.4	0.0	0.3	4.0	-0.4	0.0	0.3	4.0	-0.4	0.0	0.3	4.0								
Frame	Column	---Dead---				---Colateral---				---Live---				---Snow---				---Wind_Left1---				---Wind_Right1---							
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert								
6	A	0.3	1.8	0.1	0.3	1.4	6.0	0.4	1.8	-5.8	-10.8	4.1	-4.8	0.4	1.8	-5.8	-10.8	4.1	-4.8	0.4	1.8								
6	M	-0.3	1.8	-0.1	0.3	-1.4	6.0	-0.4	1.8	-4.1	-4.8	5.8	-10.8	-0.4	1.8	-4.1	-4.8	5.8	-10.8	-0.4	1.8								
6	G	0.0	3.6	0.0	0.5	0.0	12.0	0.0	3.5	-1.0	-13.5	1.0	-13.5	0.0	3.5	-1.0	-13.5	1.0	-13.5	0.0	3.5								
Frame	Column	---Wind_Left2---				---Wind_Right2---				---Wind_Long1---				---Wind_Long2---				---Selmatic_Left				---Selmatic_Right							
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert								
6	A	-7.3	-6.2	2.6	-0.3	1.7	-9.7	1.4	-7.2	-0.6	-0.4	0.6	0.4	-7.3	-6.2	2.6	-0.3	1.7	-9.7	1.4	-7.2								
6	M	-2.6	-0.3	7.3	-6.2	-1.4	-7.2	-1.6	-9.7	-0.6	0.4	0.6	0.4	-2.6	-0.3	7.3	-6.2	-1.4	-7.2	-1.6	-9.7								
6	G	-1.0	-8.1	1.0	-8.1	0.9	-16.6	-0.9	-16.6	-0.4	0.0	0.4	0.0	-1.0	-8.1	1.0	-8.1	0.9	-16.6	-0.4	0.0								
Frame	Column	---MIN_SNOW---				F3ORANE1---				F3ORANE2---				F3ORANE3---				F3ORANE4---				F3ORANE5---							
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert								
6	A	0.0	0.0	0.6	2.5	-0.3	23.8	2.1	25.5	0.0	4.5	2.4	6.2	0.0	0.0	0.6	2.5	-0.3	23.8	2.1	25.5								
6	M	0.0	0.0	-0.8	2.5	-2.4	6.2	0.0	4.5	-2.1	25.5	0.3	23.8	0.0	0.0	-0.8	2.5	-2.4	6.2	0.0	4.5								
6	G	0.0	-0.9	0.0	5.0	-1.1	29.6	1.7	29.6	-1.7	29.6	1.1	29.6	0.0	-0.9	0.0	5.0	-1.1	29.6	1.7	29.6								
Frame	Column	F3ORANE5---				F3ORANE6---				F3PAT_LL_1---				F3PAT_LL_2---				F3UNB_SL_1---				F3UNB_SL_R---							
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert								
6	A	-0.9	3.6	1.5	5.3	1.2	6.0	0.2	0.0	0.4	1.9	0.1	0.5	-0.9	3.6	1.5	5.3	1.2	6.0	0.2	0.0								
6	M	-1.5	5.3	0.9	3.6	-0.2	0.0	-1.2	6.0	-0.1	0.5	-0.4	1.9	-1.5	5.3	0.9	3.6	-0.2	0.0	-1.2	6.0								
6	G	-1.4	50.6	1.4	50.6	-1.0	6.0	1.0	6.0	-0.3	4.1	0.3	4.1	-1.4	50.6	1.4	50.6	-1.0	6.0	1.0	6.0								
Frame	Column	---Dead---				---Colateral---				---Live---				---Snow---				---Wind_Left1---				---Wind_Right1---							
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert								
7	A	0.3	1.8	0.1	0.3	1.4	6.0	0.4	1.8	-5.8	-10.8	4.1	-4.8	0.4	1.8	-5.8	-10.8	4.1	-4.8	0.4	1.8								
7	M	-0.3	1.8	-0.1	0.3	-1.4	6.0	-0.4	1.8	-4.1	-4.8	5.8	-10.8	-0.4	1.8	-4.1	-4.8	5.8	-10.8	-0.4	1.8								
7	G	0.0	3.6	0.0	0.5	0.0	12.0	0.0	3.5	-1.0	-13.5	1.0	-13.5	0.0	3.5	-1.0	-13.5	1.0	-13.5	0.0	3.5								
Frame	Column	---Wind_Left2---				---Wind_Right2---				---Wind_Long1---				---Wind_Long2---				---Selmatic_Left				---Selmatic_Right							
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert								
7	A	-7.3	-6.2	2.6	-0.3	1.7	-9.7	1.4	-7.2	-0.6	-0.4	0.6	0.4	-7.3	-6.2	2.6	-0.3	1.7	-9.7	1.4	-7.2								
7	M	-2.6	-0.3	7.3	-6.2	-1.4	-7.2	-1.6	-9.7	-0.6	0.4	0.6	0.4	-2.6	-0.3	7.3	-6.2	-1.4	-7.2	-1.6	-9.7								
7	G	-1.0	-8.1	1.0	-8.1	0.9	-16.6	-0.9	-16.6	-0.4	0.0	0.4	0.0	-1.0	-8.1	1.0	-8.1	0.9	-16.6	-0.4	0.0								
Frame	Column	---MIN_SNOW---				F4ORANE1---				F4ORANE2---				F4ORANE3---				F4ORANE4---				F4ORANE5---							
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert								
7	A	0.0	0.0	0.6	2.5	-0.3	23.8	2.1	25.5	0.0	4.5	2.4	6.2	0.0	0.0	0.6	2.5	-0.3	23.8	2.1	25.5								
7	M	0.0	0.0	-0.8	2.5	-2.4	6.2	0.0	4.5	-2.1	25.5	0.3	23.8	0.0	0.0	-0.8	2.5	-2.4	6.2	0.0	4.5								
7	G	0.0	-0.9	0.0	5.0	-1.1	29.6	1.7	29.6	-1.7	29.6	1.1	29.6	0.0	-0.9	0.0	5.0	-1.1	29.6	1.7	29.6								
Frame	Column	F4ORANE5---				F4ORANE6---				F4PAT_LL_1---				F4PAT_LL_2---				F4UNB_SL_1---				F4UNB_SL_R---							
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert								
7	A	-0.9	3.6	1.5	5.3	1.2	6.0	0.2	0.0	0.4	1.9	0.1	0.5	-0.9	3.6	1.5	5.3	1.2	6.0	0.2	0.0								
7	M	-1.5	5.3	0.9	3.6	-0.2	0.0	-1.2	6.0	-0.1	0.5	-0.4	1.9	-1.5	5.3	0.9	3.6	-0.2	0.0	-1.2	6.0								
7	G	-1.4	50.6	1.4	50.6	-1.0	6.0	1.0	6.0	-0.3	4.1	0.3	4.1	-1.4	50.6	1.4	50.6	-1.0	6.0	1.0	6.0								
Frame	Column	---Dead---				---Colateral---				---Live---				---Snow---				---Wind_Left1---				---Wind_Right1---							
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert								
8	A	0.3	1.8	0.1	0.3	1.4	6.0	0.4	1.8	-5.8	-10.8	4.1	-4.8	0.4	1.8	-5.8	-10.8	4.1	-4.8	0.4	1.8								
8	M	-0.3	1.8	-0.1	0.3	-1.4	6.0	-0.4	1.8	-4.1	-4.8	5.8	-10.8	-0.4	1.8	-4.1	-4.8	5.8	-10.8	-0.4	1.8								
8	G	0.0	3.6	0.0	0.5	0.0	12.0	0.0	3.5	-1.0	-13.5	1.0	-13.5	0.0	3.5	-1.0	-13.5	1.0	-13.5	0.0	3.5								
Frame	Column	---Wind_Left2---				---Wind_Right2---				---Wind_Long1---				---Wind_Long2---				---Selmatic_Left				---Selmatic_Right							
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert								
8	A	-7.3	-6.2	2.6	-0.3	1.7	-9.7	1.4	-7.2	-0.6	-0.4	0.6	0.4	-7.3	-6.2	2.6	-0.3	1.7	-9.7	1.4	-7.2								
8	M	-2.6	-0.3	7.3	-6.2	-1.4	-7.2	-1.6	-9.7	-0.6	0.4	0.6	0.4	-2.6	-0.3	7.3	-6.2	-1.4	-7.2	-1.6	-9.7								
8	G																												

RIGID FRAME:		MAXIMUM REACTIONS					
Frm Line	Col Line	Load Id	Column_Reactions(k) Hmax V Hmin	Load Id	V Vmax H	V Vmin	
10	A	1	4.0	8.5	2	-3.9	-5.8
10	M	3 1	3.9 -4.0	-5.8 8.5	1 3	-4.0 3.9	8.5 -5.8

ENDWALL COLUMN:		BASIC COLUMN REACTIONS (k)					
Frm Line	Col Line	Dead Vert	Wind Press Horz	Wind Suct Horz	Seis Long Horz		
4	D	0.4	-4.6	5.1	0.1		
4	G	0.5	-5.2	5.8	0.1		
4	J	0.4	-4.6	5.1	0.1		
10	K	0.4	-3.2	3.5	0.0		
10	H	0.4	-4.1	4.6	0.0		
10	F	0.4	-4.1	4.8	0.0		
10	C	0.4	-3.2	3.5	0.0		

ENDWALL COLUMN:		MAXIMUM REACTIONS					
Frm Line	Col Line	Load Id	Column_Reactions(k) Hmax V Hmin	Load Id	V Vmax H	V Vmin	
4	D	29 7	3.1 0.0	0.3 0.4	30	-2.8	0.3
4	G	29 7	3.5 0.0	0.3 0.5	30	-3.1	0.3
4	J	29 7	3.1 0.0	0.3 0.4	30	-2.8	0.3
10	K	29 7	2.1 0.0	0.2 0.4	30	-1.9	0.2
10	H	29 7	2.7 0.0	0.2 0.4	30	-2.5	0.2
10	F	29 7	2.7 0.0	0.2 0.4	30	-2.5	0.2
10	C	29 7	2.1 0.0	0.2 0.4	30	-1.9	0.2

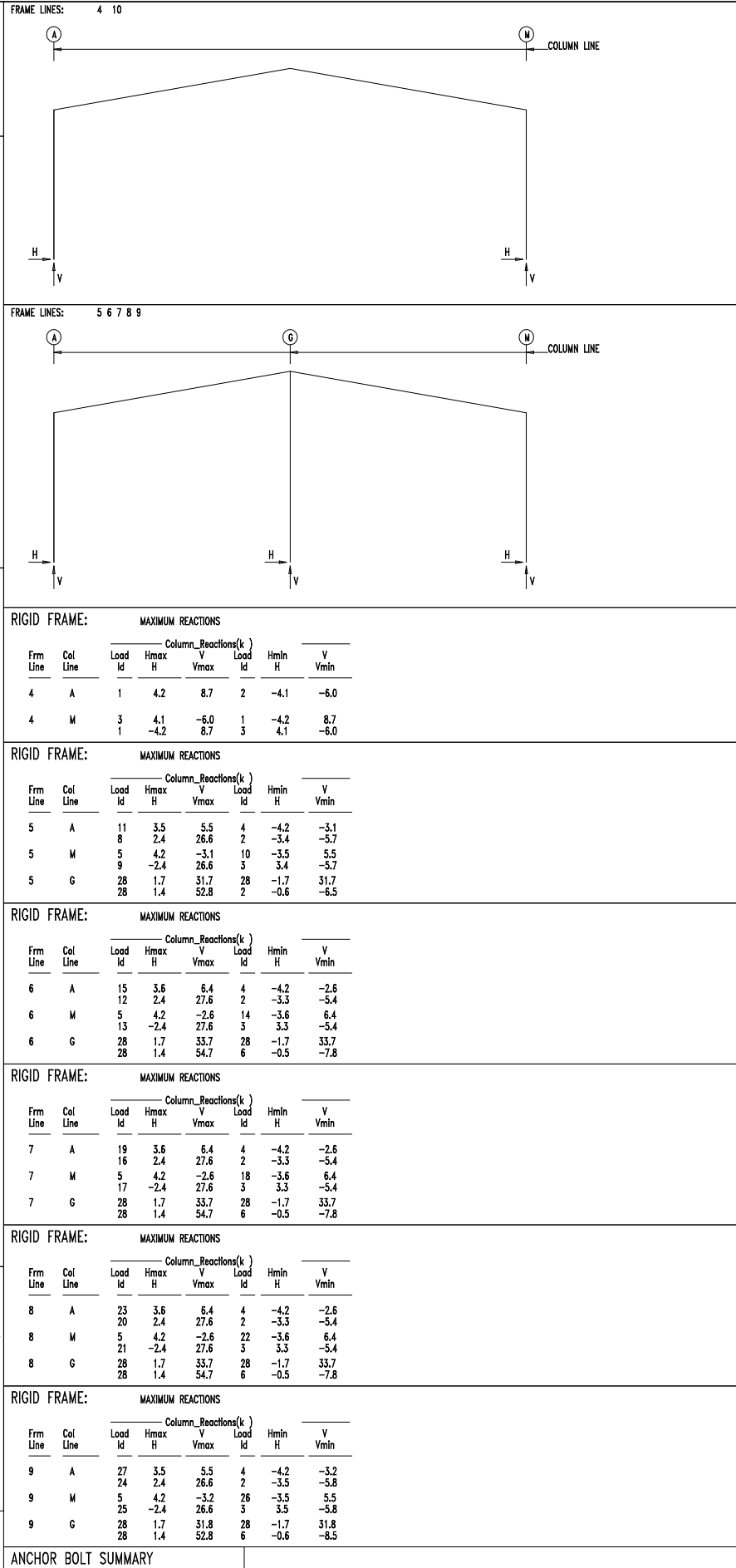
NOTES FOR REACTIONS

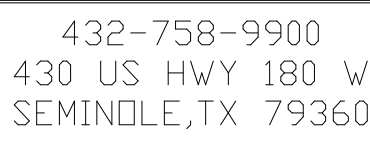
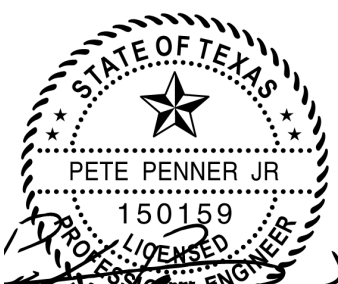
- All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
- Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
- Bracing reactions are in the plane of the brace with the H pointing away from the braced bay. 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/ 2.0
 - 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/Sa) = 0.23
- 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+F2CRANE4
 - Dead+Collateral+F2CRANE3
 - Dead+0.75Snow+0.3Wind_Left1+0.75Slide_Snow+0.75F2CRANE1
 - Dead+0.75Snow+0.3Wind_Right1+0.75Slide_Snow+0.75F2CRANE4
 - Dead+Collateral+F3CRANE2
 - Dead+Collateral+F3CRANE3
 - Dead+0.75Snow+0.3Wind_Left1+0.75Slide_Snow+0.75F3CRANE1
 - Dead+0.75Snow+0.3Wind_Right1+0.75Slide_Snow+0.75F3CRANE4
 - Dead+Collateral+F4CRANE2
 - Dead+Collateral+F4CRANE3
 - Dead+0.75Snow+0.3Wind_Left1+0.75Slide_Snow+0.75F4CRANE1
 - Dead+0.75Snow+0.3Wind_Right1+0.75Slide_Snow+0.75F4CRANE4
 - Dead+Collateral+F5CRANE2
 - Dead+Collateral+F5CRANE3
 - Dead+0.75Snow+0.3Wind_Left1+0.75Slide_Snow+0.75F5CRANE1
 - Dead+0.75Snow+0.3Wind_Right1+0.75Slide_Snow+0.75F5CRANE4
 - Dead+Collateral+F6CRANE2
 - Dead+Collateral+F6CRANE3
 - Dead+0.75Snow+0.3Wind_Left1+0.75Slide_Snow+0.75F6CRANE1
 - Dead+0.75Snow+0.3Wind_Right1+0.75Slide_Snow+0.75F6CRANE4
 - Dead+Collateral
 - 0.6Dead+0.6Wind_Right2+0.6Wind_Suction
 - 0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L

BUILDING BRACING REACTIONS									
		± Reactions(k)				Panel_Shear (lb/ft)			
Loc	Line	Wind	Seismic	Wind	Seis	Wind	Seis	Note	
L_EW	4								(h)
F_SW	M	6,7	1.2	2.2	0.3	0.5			(b)
		8,9	1.2	2.2	0.3	0.5			(h)
R_EW	10								(b)
B_SW	A	8,9	1.2	2.2	0.3	0.5			(b)
		6,7	1.2	2.2	0.3	0.5			(b)
INT	G	6,7	0.0	4.9	0.0	1.0			(a)
		8,9	0.0	4.9	0.0	1.0			(d)

(h)Wind bent in bay, base above finish floor
(b)Bracing above wind bent, base above finish floor
(h)Rigid frame at endwall

Reactions for seismic represent shear force, Eh

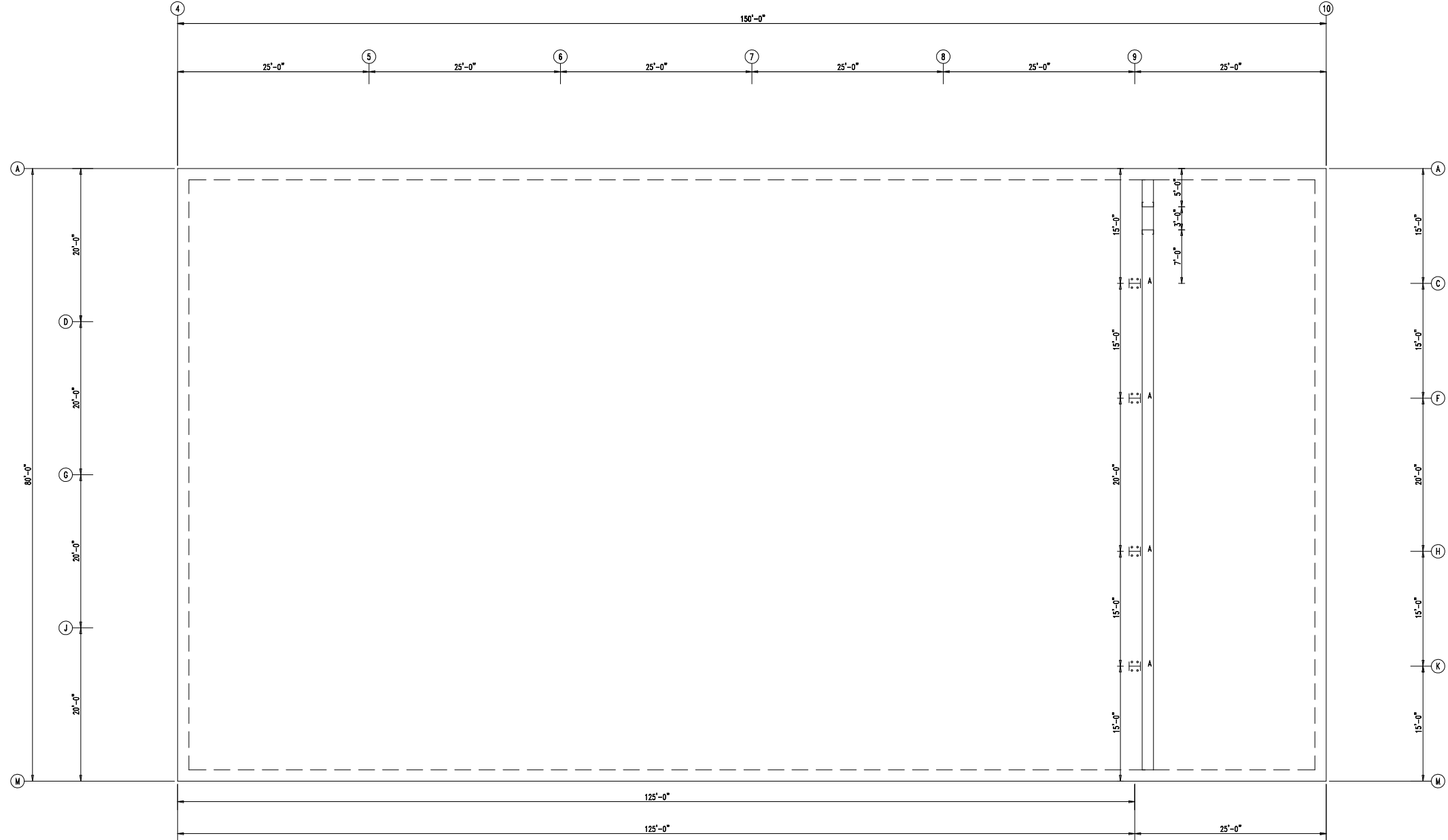


 432-758-9900 430 US HWY 180 W SEMINOLE, TX 79360																																											
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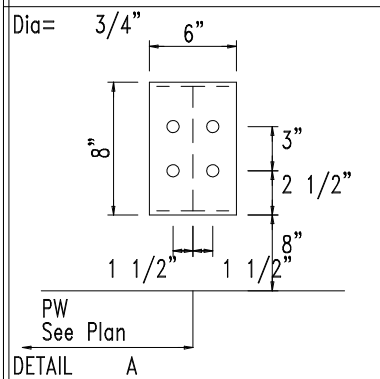
MAXIMUM REACTION

	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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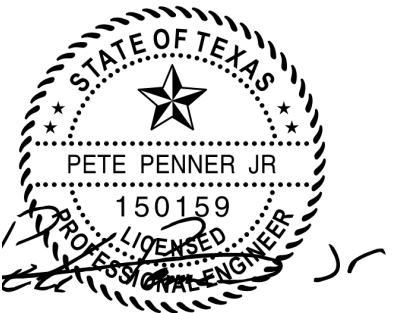
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KEY PLAN

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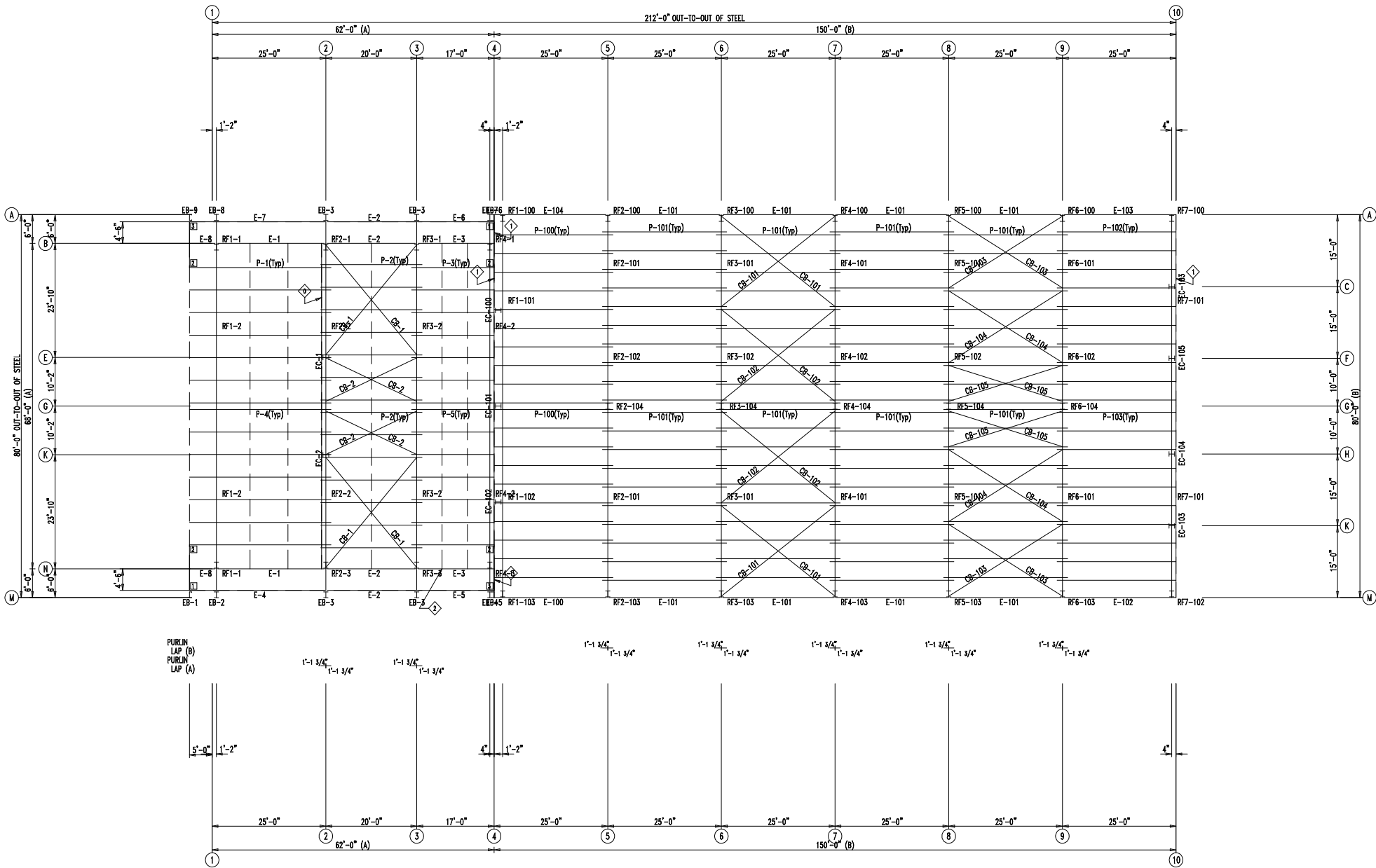
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ROOF FRAMING PLAN

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"	

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



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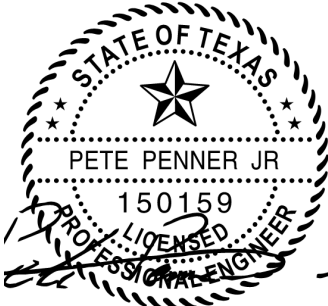
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EXTENSION/CANOPY BOLTS				
ROOF PLAN				
MARK	QUAN	TYPE	DIA	LENGTH
EB-2	4	A325	3/4"	2 1/2"
EB-3	4	A325	3/4"	2 1/2"
EB-4	4	A325	3/4"	2 1/2"
EB-7	4	A325	3/4"	2 1/2"
EB-8	4	A325	3/4"	2 1/2"

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"



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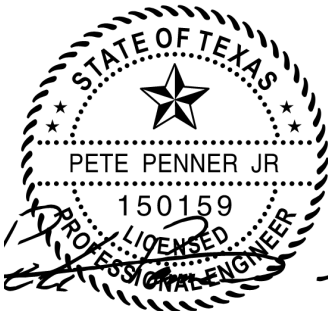
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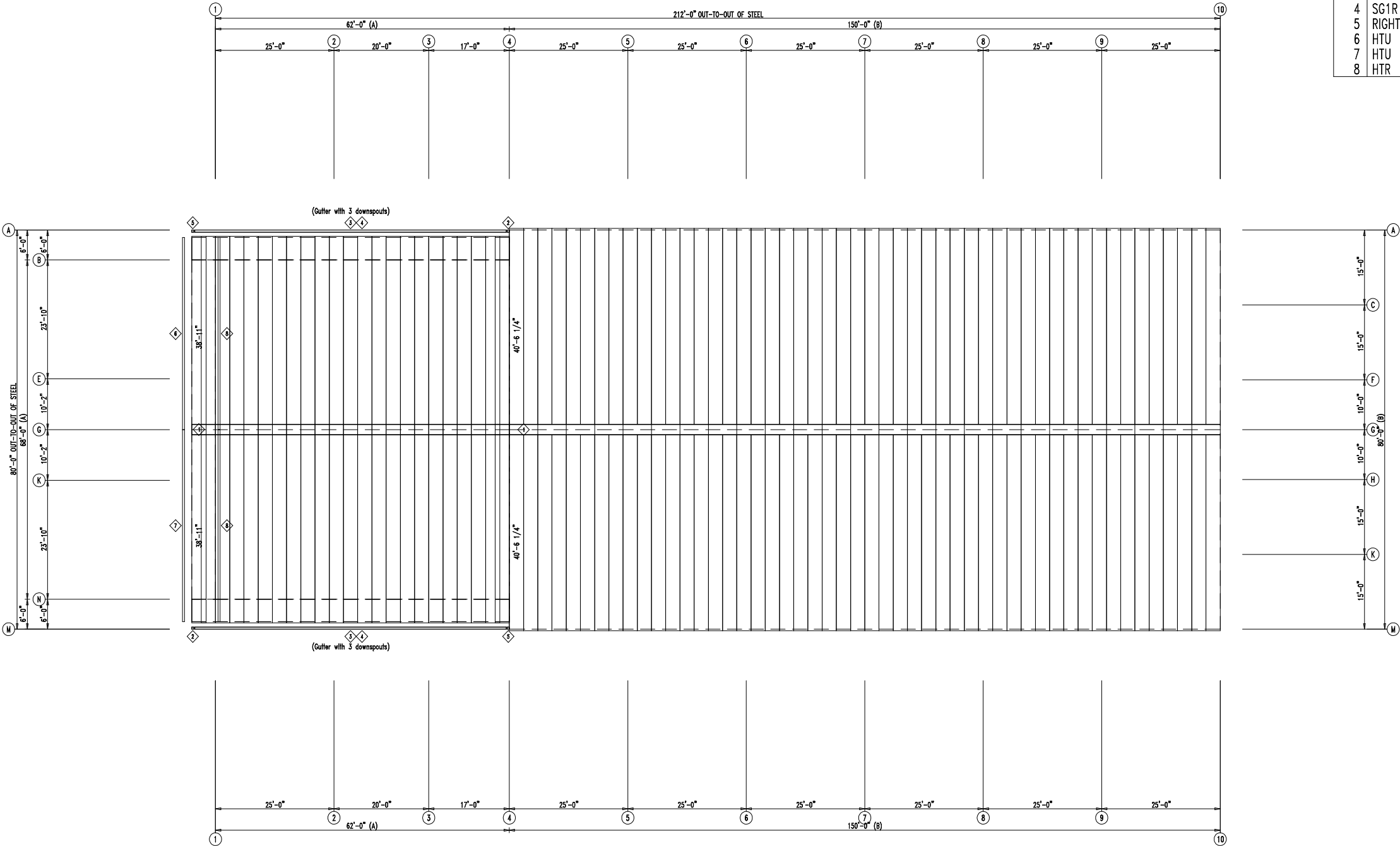
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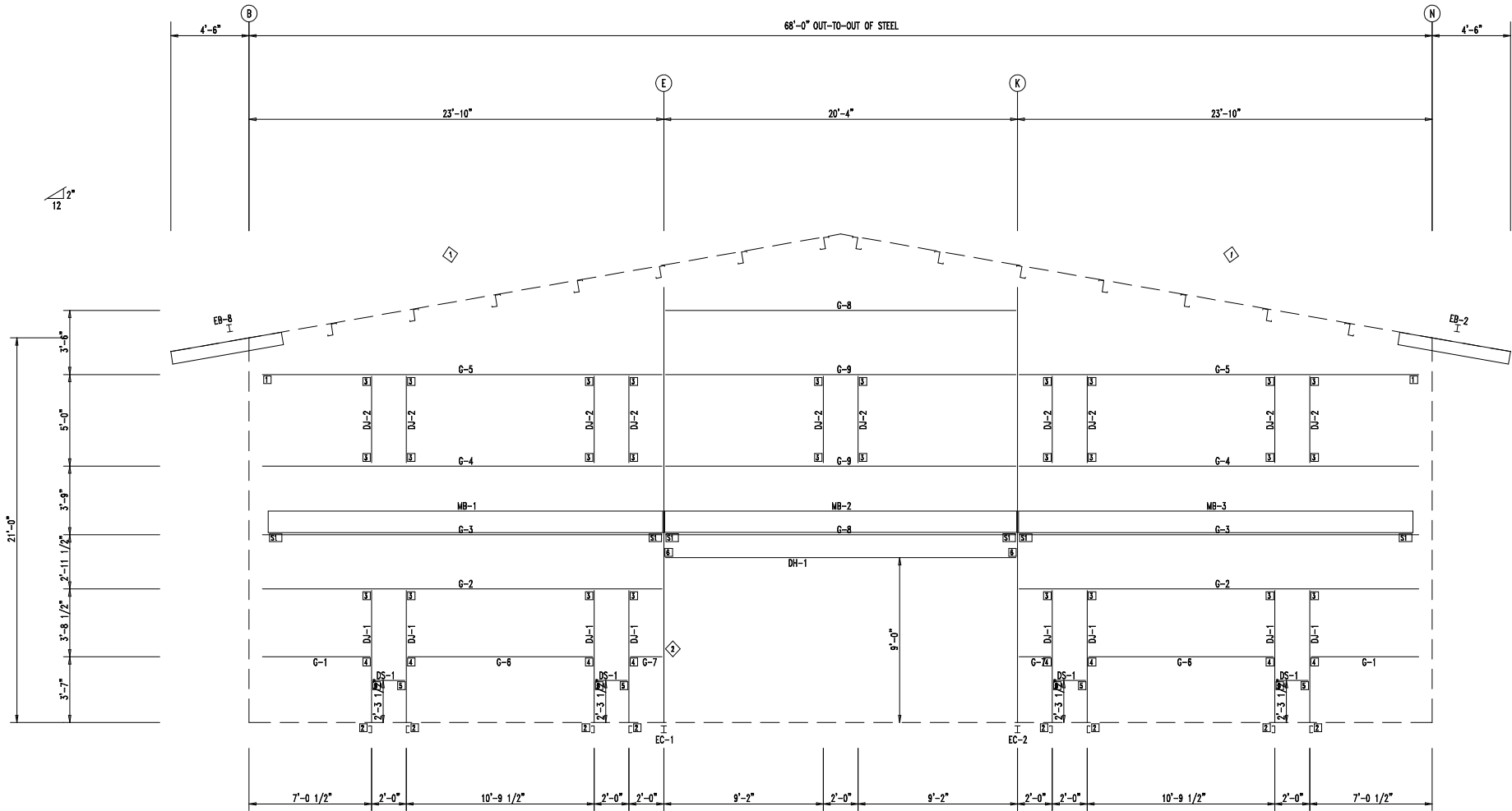
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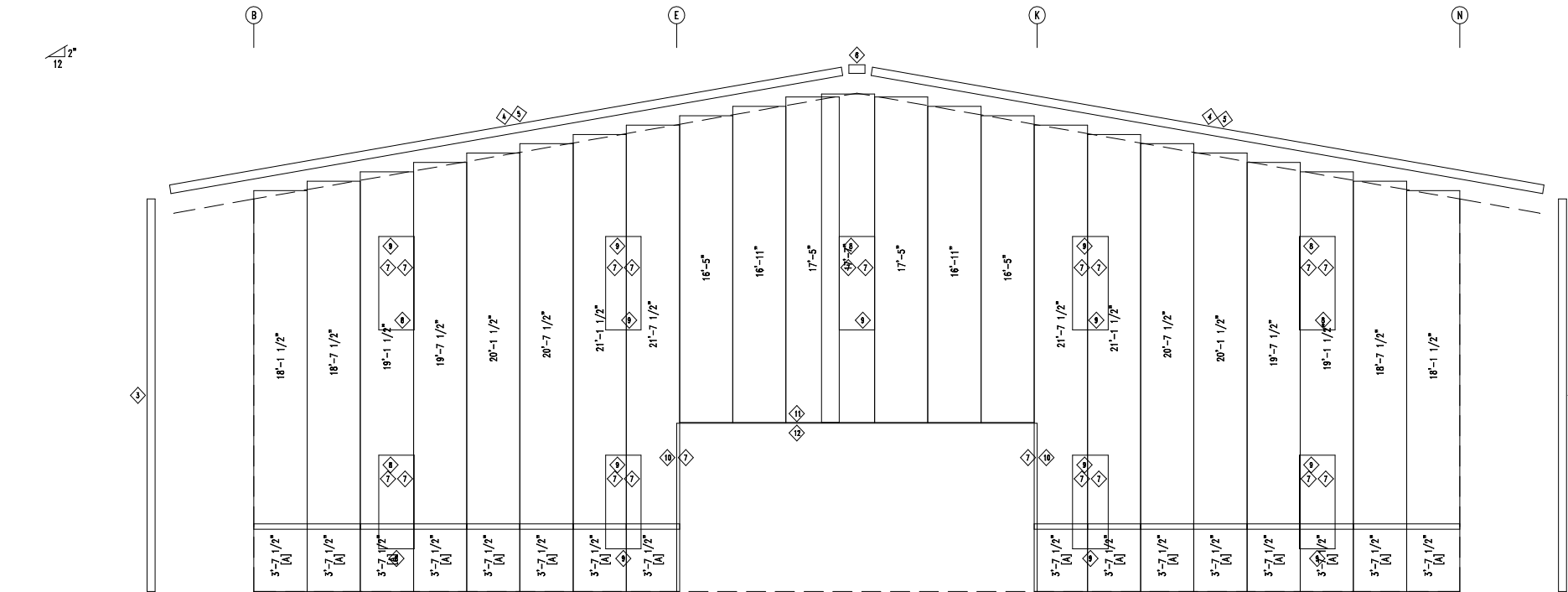
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ROOF SHEETING PLAN
PANELS: 26 Ga. PBR - Polar White



ENDWALL FRAMING: FRAME LINE 2



ENDWALL SHEETING & TRIM: FRAME LINE 2

PANELS: 26 Ga. PBR - Polar White
[A] PANELS: 26 Ga. PBR - 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	W1464020	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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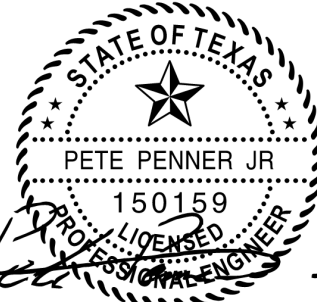
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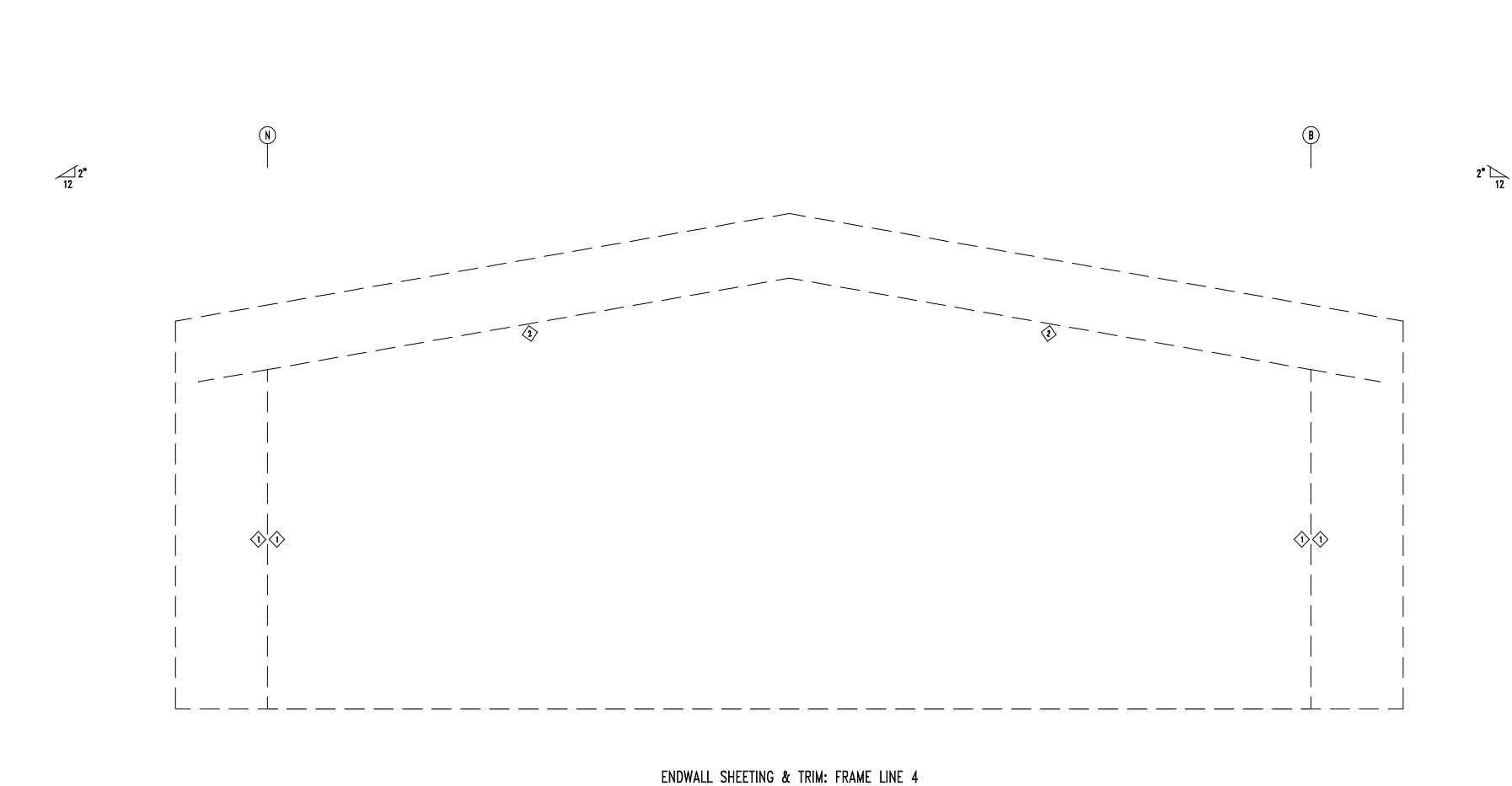
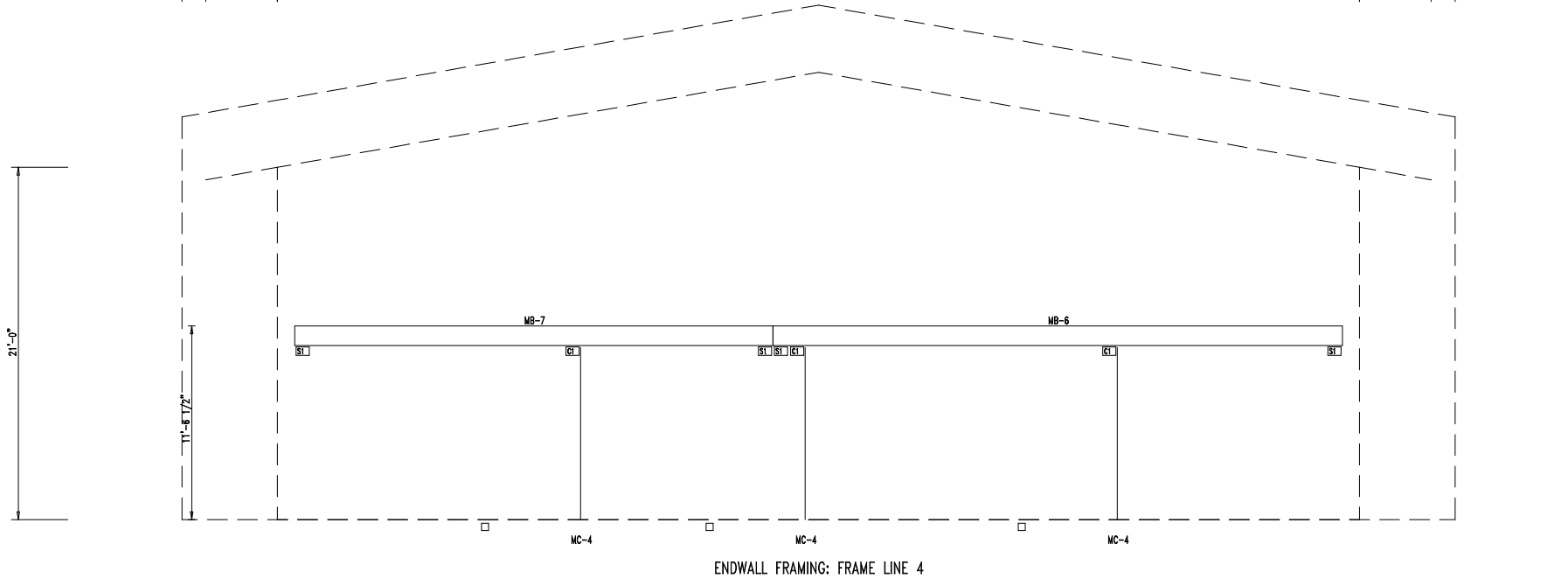
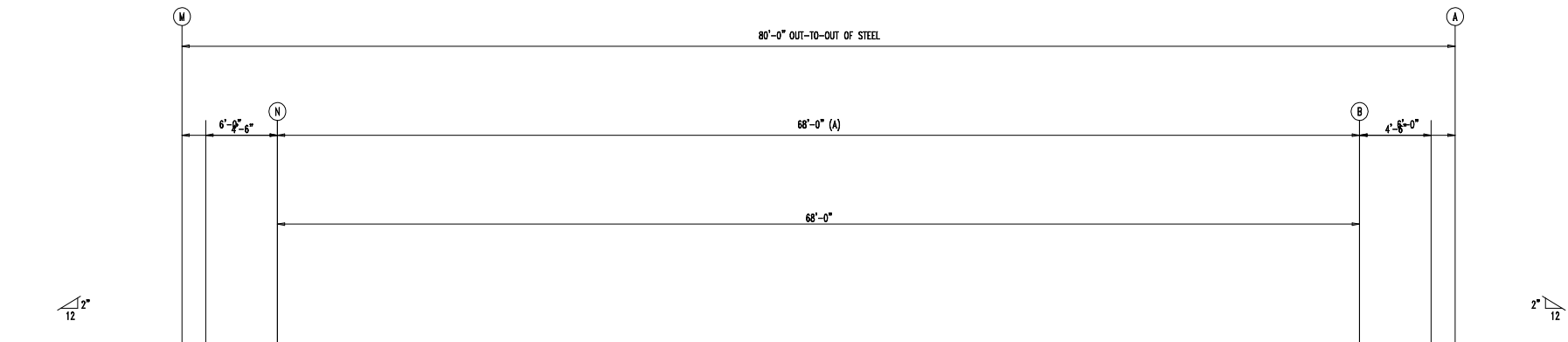
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SUPPORT BEAM BOLT TABLE				
FRAME LINE 4				
ID	QUAN	TYPE	DIA	LENGTH
S1	6	A325	3/4"	2 1/2"

COLUMN BOLT TABLE				
FRAME LINE 4				
ID	QUAN	TYPE	DIA	LENGTH
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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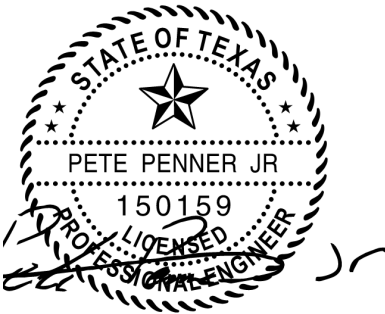
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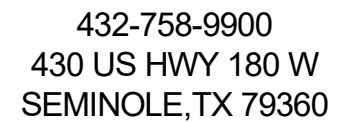
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MEMBER TABLE		
FRAME LINE 10		
MARK	PART	LENGTH
EC-103	W0864030	24'-1 3/4"
EC-104	W0864030	26'-8 15/16"
EC-105	W0864030	26'-8 15/16"
G-103	8X25Z14	19'-4 1/2"
G-105	8X25Z14	13'-9 1/2"
G-106	8X25Z14	13'-7 7/16"
G-107	8X25Z14	13'-5 1/2"
G-108	8X25Z14	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"

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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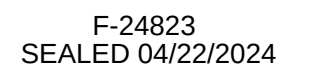
SHEET NAME/TITLE
ENDWALL FRAMING

DRAWN BY	DATE
BN	4/12/24

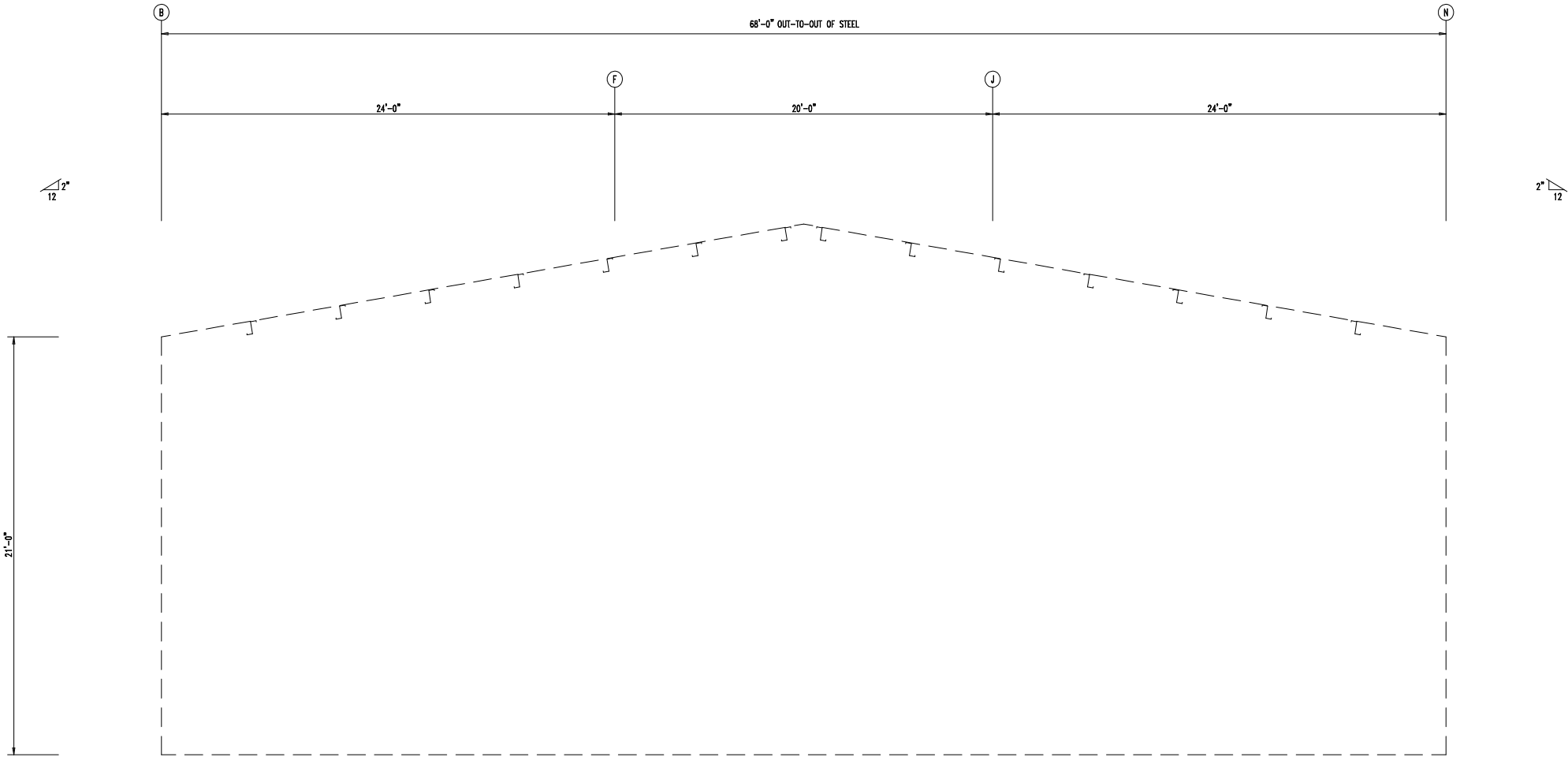
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	4/12/24

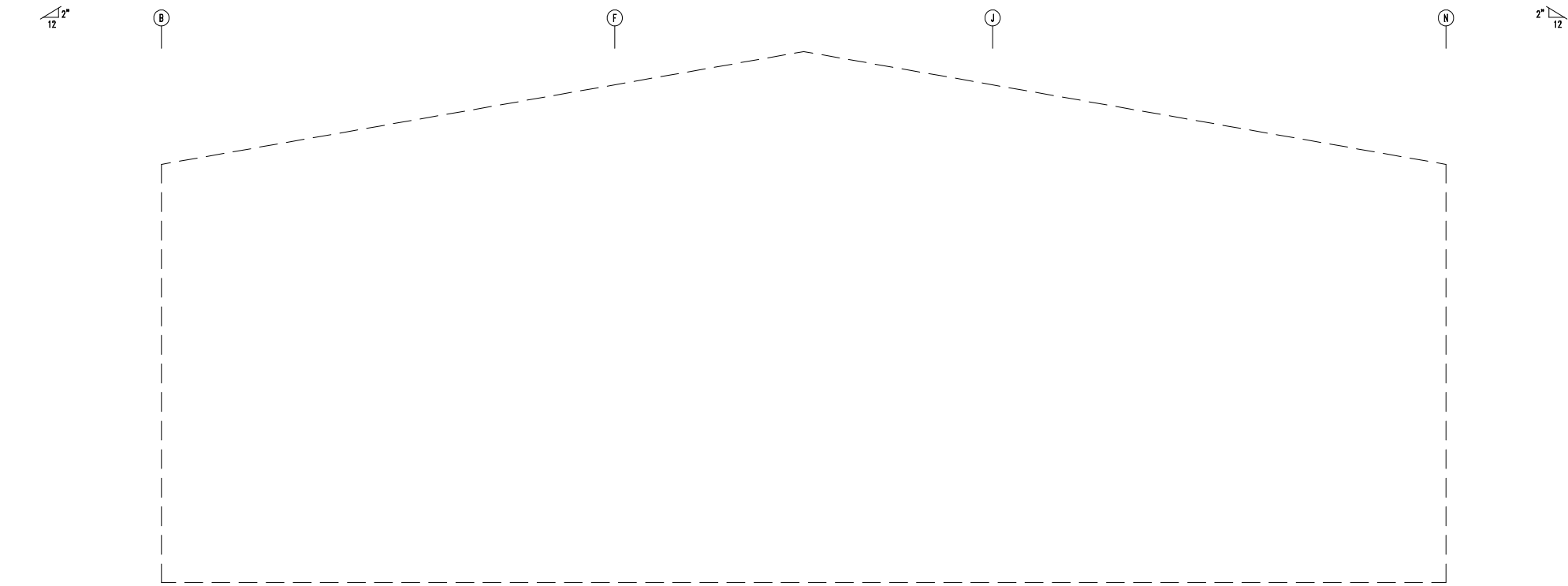
SHEET NO.	REV.	SCALE
E19 of 97-		NTS

[illegible]

[A] PANELS: 26 Ga. PBR - Black



ENDWALL FRAMING: FRAME LINE 1



ENDWALL SHEETING & TRIM: FRAME LINE 1



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

CUSTOMER INFO

PROJECT
PB50683

RAE
ODESSA, TX 79763

SHEET NAME/TITLE
SIDEWALL FRAMING

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BN

DATE
4/12/24

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BN

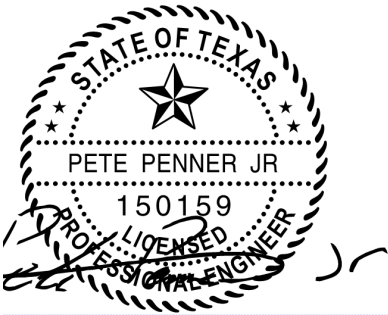
DATE
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SHEET NO. REV. SCALE
E20 of 97- NTS

REVISIONS			
NO.	NOTES	BY	DATE
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F-24823
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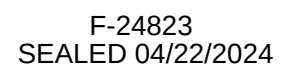
Technical drawing of a roof layout, showing a series of rectangular panels with dimensions and labels. The layout is divided into sections by dashed lines, with labels 1, 2, 3, and 4 indicating different areas.

Dimensions and labels include:

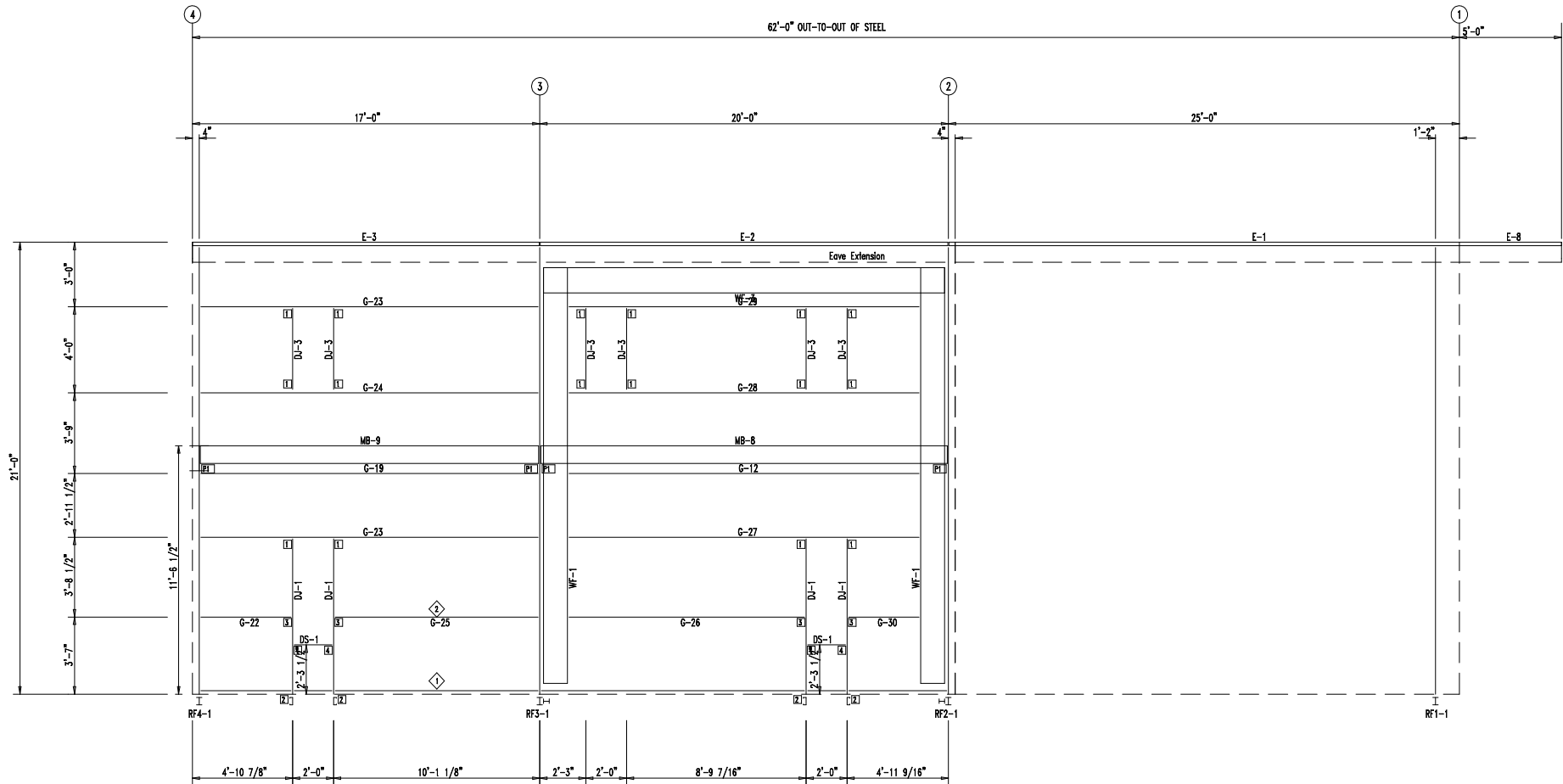
- 21'-2"
- 17'-6 1/2"
- 3'-9"
- Eave Extension
- Panel Start
- Labels 1, 2, 3, 4
- Various symbols (diamonds, squares) indicating specific features or materials.

[A] PANELS: 26 Ga. PBR - Black

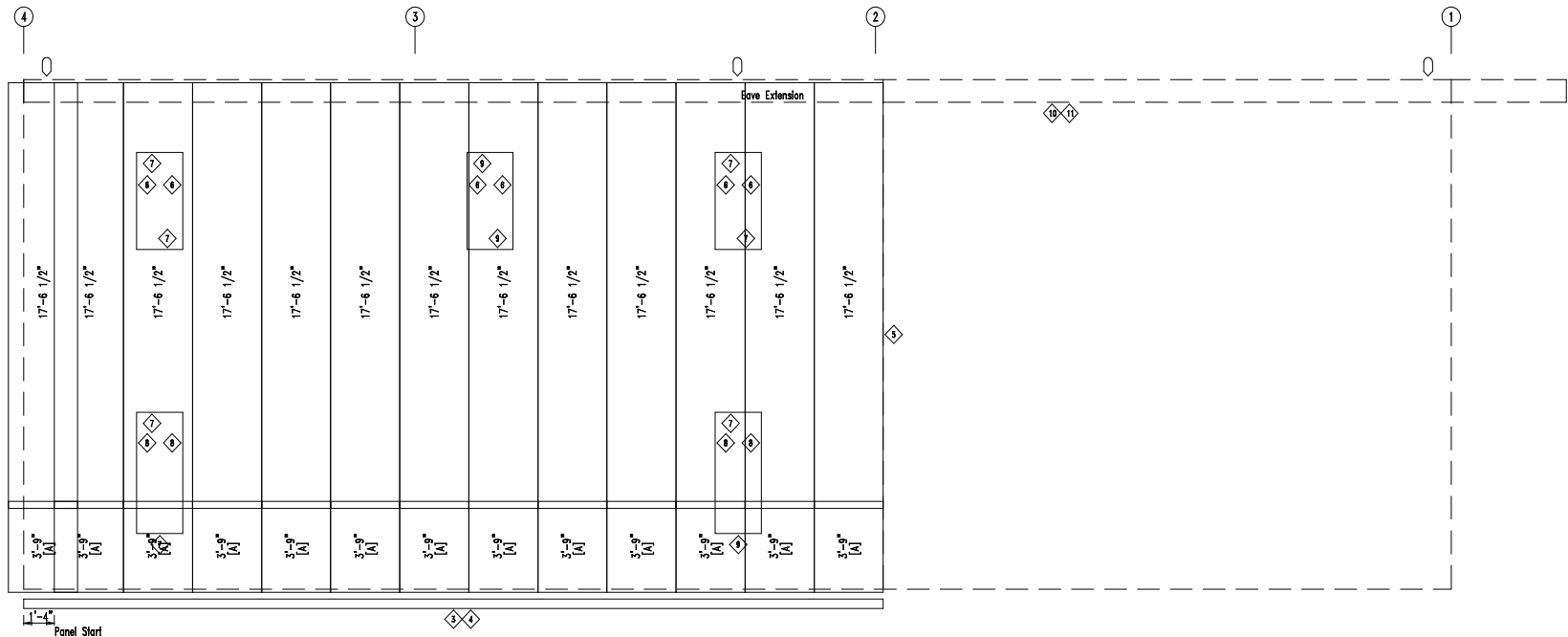
□ ID	MARK/PART
1	OC-3
2	DC-1
3	OC-1
4	OC-2

[illegible]

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"

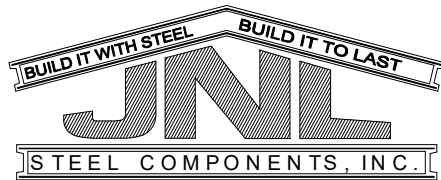
PERIMETER BEAM BOLT TABLE FRAME LINE B				
ID	QUAN	TYPE	DIA	LENGTH
P1	2	A325	1/2"	1 1/2"

MEMBER TABLE FRAME LINE B		
MARK	PART	LENGTH
WF-1	W1464020	19'-6"
WF-3	W1464020	17'-7 3/8"
DJ-3	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
430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50683

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ODESSA, TX 79763

SHEET NAME/TITLE
SIDEWALL FRAMING

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DATE
4/12/24

CHECKED BY
BN

DATE
4/12/24

APPROVED BY
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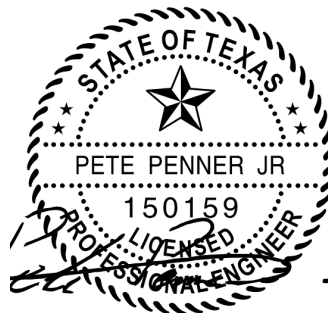
DATE
4/12/24

SHEET NO.
E24 of 97-

REV.
97-

SCALE
NTS

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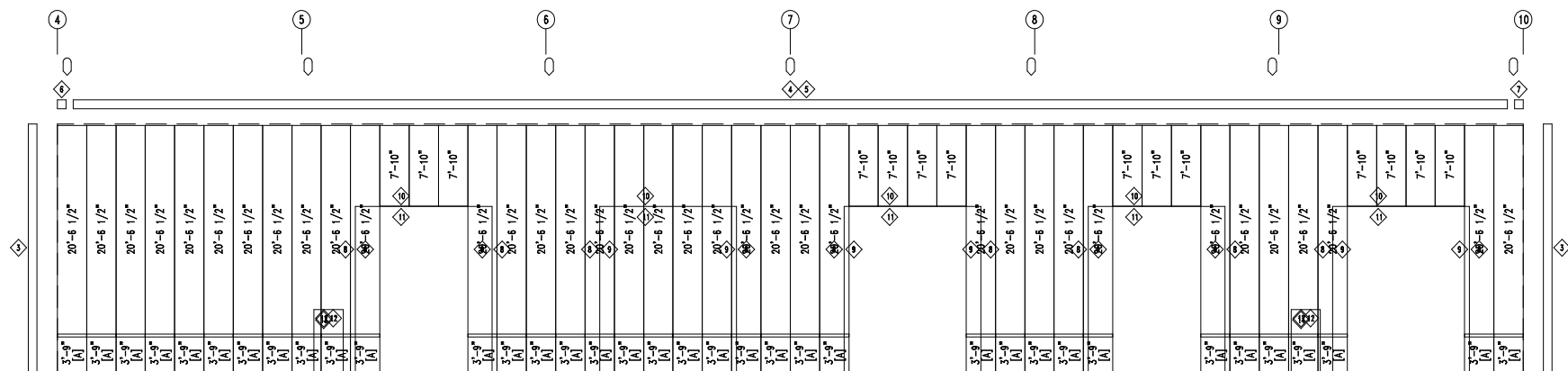


F-24823
SEALED 04/22/2024

150'-0" OUT-TO-OUT OF STEEL

Dimensions and Framing Details:

- Horizontal Dimensions:** 150'-0" OUT-TO-OUT OF STEEL. Spacing between grid lines 4 to 10 is 25'-0".
- Vertical Dimensions:** 24'-0" total height. Spacing between horizontal framing members is 5'-0", 2'-0", 3'-6 1/2", 3'-8 1/2", and 3'-7".
- Framing Members:**
 - Columns:** RF1-103, RF2-103, RF3-103, RF4-103, RF5-103, RF6-103, RF7-102.
 - Beams:** E-100, E-101, E-102, WF-101, G-113, G-114, G-116, G-117, G-118, G-120, G-121, G-122, G-123, G-124, DH-100, JB-101, JB-102, JB-100, JB-103, JB-104, JB-105, JB-106, JB-107, JB-108, JB-109, JB-110, JB-111, JB-112, JB-113, JB-114, JB-115, JB-116, JB-117, JB-118, JB-119, JB-120, JB-121, JB-122, JB-123, JB-124, JB-125, JB-126, JB-127, JB-128, JB-129, JB-130, JB-131, JB-132, JB-133, JB-134, JB-135, JB-136, JB-137, JB-138, JB-139, JB-140, JB-141, JB-142, JB-143, JB-144, JB-145, JB-146, JB-147, JB-148, JB-149, JB-150, JB-151, JB-152, JB-153, JB-154, JB-155, JB-156, JB-157, JB-158, JB-159, JB-160, JB-161, JB-162, JB-163, JB-164, JB-165, JB-166, JB-167, JB-168, JB-169, JB-170, JB-171, JB-172, JB-173, JB-174, JB-175, JB-176, JB-177, JB-178, JB-179, JB-180, JB-181, JB-182, JB-183, JB-184, JB-185, JB-186, JB-187, JB-188, JB-189, JB-190, JB-191, JB-192, JB-193, JB-194, JB-195, JB-196, JB-197, JB-198, JB-199, JB-200, JB-201, JB-202, JB-203, JB-204, JB-205, JB-206, JB-207, JB-208, JB-209, JB-210, JB-211, JB-212, JB-213, JB-214, JB-215, JB-216, JB-217, JB-218, JB-219, JB-220, JB-221, JB-222, JB-223, JB-224, JB-225, JB-226, JB-227, JB-228, JB-229, JB-230, JB-231, JB-232, JB-233, JB-234, JB-235, JB-236, JB-237, JB-238, JB-239, JB-240, JB-241, JB-242, JB-243, JB-244, JB-245, JB-246, JB-247, JB-248, JB-249, JB-250, JB-251, JB-252, JB-253, JB-254, JB-255, JB-256, JB-257, JB-258, JB-259, JB-260, JB-261, JB-262, JB-263, JB-264, JB-265, JB-266, JB-267, JB-268, JB-269, JB-270, JB-271, JB-272, JB-273, JB-274, JB-275, JB-276, JB-277, JB-278, JB-279, JB-280, JB-281, JB-282, JB-283, JB-284, JB-285, JB-286, JB-287, JB-288, JB-289, JB-290, JB-291, JB-292, JB-293, JB-294, JB-295, JB-296, JB-297, JB-298, JB-299, JB-300, JB-301, JB-302, JB-303, JB-304, JB-305, JB-306, JB-307, JB-308, JB-309, JB-310, JB-311, JB-312, JB-313, JB-314, JB-315, JB-316, JB-317, JB-318, JB-319, JB-320, JB-321, JB-322, JB-323, JB-324, JB-325, JB-326, JB-327, JB-328, JB-329, JB-330, JB-331, JB-332, JB-333, JB-334, 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JB-710, JB-711, JB-712, JB-713, JB-714, JB-715, JB-716, JB-717, JB-718, JB-719, JB-720, JB-721, JB-722, JB-723, JB



[A] PANELS: 26 Ga. PBR - Black

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"

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



PROJECT
PB50683

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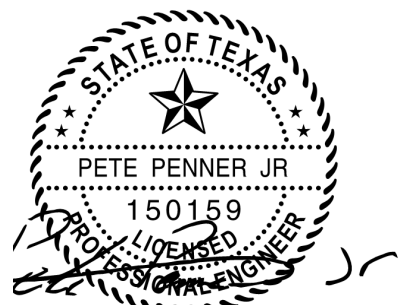
SHEET NAME/TITLE
SIDEWALL FRAMING

DRAWN BY	DATE
BN	4/12/24

CHECKED BY	DATE
JBN	4/12/24

APPROVED BY _____ DATE 4/12/24

SHEET NO.	REV.	SCALE
E26 of 97-		NTS

[illegible]

F-24823
SEALED 04/22/2024

The diagram shows the structural layout of Level 10. The horizontal dimension is defined by grid lines 4 through 10, with a total width of 150'-0" OUT-TO-OUT OF STEEL. The vertical dimension is defined by grid lines A through F, with a total depth of 24'-0".

Grid Lines:

- Horizontal: 4, 5, 6, 7, 8, 9, 10
- Vertical: A, B, C, D, E, F

Room Layouts and Dimensions:

- Room 101 (Center):** 25'-0" x 16'-0"
- Room 102 (Left):** 25'-0" x 16'-0"
- Room 103 (Right):** 25'-0" x 16'-0"
- Room 104 (Far Right):** 25'-0" x 16'-0"
- Room 105 (Far Left):** 25'-0" x 16'-0"

Structural Elements:

- Columns:** Labeled as JB-101, JB-102, JB-103, JB-104, JB-105, JB-106, JB-107, JB-108, JB-109, JB-110, JB-111, JB-112, JB-113, JB-114, JB-115, JB-116, JB-117, JB-118, JB-119, JB-120.
- Beams:** Labeled as G-101, G-102, G-103, G-104, G-105, G-106, G-107, G-108, G-109, G-110, G-111, G-112, G-113, G-114, G-115, G-116, G-117, G-118, G-119, G-120.
- Walls:** Labeled as WF-101, WF-102, WF-103, WF-104, WF-105, WF-106, WF-107, WF-108, WF-109, WF-110, WF-111, WF-112, WF-113, WF-114, WF-115, WF-116, WF-117, WF-118, WF-119, WF-120.
- Doors:** Labeled as DH-100, DH-101, DH-102, DH-103, DH-104, DH-105, DH-106, DH-107, DH-108, DH-109, DH-110, DH-111, DH-112, DH-113, DH-114, DH-115, DH-116, DH-117, DH-118, DH-119, DH-120.
- Stairs:** Labeled as ST-101, ST-102, ST-103, ST-104, ST-105, ST-106, ST-107, ST-108, ST-109, ST-110, ST-111, ST-112, ST-113, ST-114, ST-115, ST-116, ST-117, ST-118, ST-119, ST-120.
- Elevators:** Labeled as E-101, E-102, E-103, E-104, E-105, E-106, E-107, E-108, E-109, E-110, E-111, E-112, E-113, E-114, E-115, E-116, E-117, E-118, E-119, E-120.

Dimensions:

- Overall Width: 150'-0" OUT-TO-OUT OF STEEL
- Overall Depth: 24'-0"
- Room Widths: 25'-0" (Rooms 101-104), 25'-0" (Room 105)
- Room Depths: 16'-0" (Rooms 101-104), 16'-0" (Room 105)
- Column Spacing: 5'-6" (between columns 4-5, 5-6, 6-7, 7-8, 8-9, 9-10)
- Beam Spacing: 14'-0" (between beams A-B, B-C, C-D, D-E, E-F)

3'-9"	20'-6 1/2"	10
3'-9"	20'-6 1/2"	9
3'-9"	7'-10"	8
3'-9"	7'-10"	7
3'-9"	7'-10"	6
3'-9"	7'-10"	5
3'-9"	7'-10"	4
3'-9"	7'-10"	3
3'-9"	7'-10"	2
3'-9"	7'-10"	1
3'-9"	7'-10"	0
3'-9"	7'-10"	-1
3'-9"	7'-10"	-2
3'-9"	7'-10"	-3
3'-9"	7'-10"	-4
3'-9"	7'-10"	-5
3'-9"	7'-10"	-6
3'-9"	7'-10"	-7
3'-9"	7'-10"	-8
3'-9"	7'-10"	-9
3'-9"	7'-10"	-10
3'-9"	7'-10"	-11
3'-9"	7'-10"	-12
3'-9"	7'-10"	-13
3'-9"	7'-10"	-14
3'-9"	7'-10"	-15
3'-9"	7'-10"	-16
3'-9"	7'-10"	-17
3'-9"	7'-10"	-18
3'-9"	7'-10"	-19
3'-9"	7'-10"	-20
3'-9"	7'-10"	-21
3'-9"	7'-10"	-22
3'-9"	7'-10"	-23
3'-9"	7'-10"	-24
3'-9"	7'-10"	-25
3'-9"	7'-10"	-26
3'-9"	7'-10"	-27
3'-9"	7'-10"	-28
3'-9"	7'-10"	-29
3'-9"	7'-10"	-30
3'-9"	7'-10"	-31
3'-9"	7'-10"	-32
3'-9"	7'-10"	-33
3'-9"	7'-10"	-34
3'-9"	7'-10"	-35
3'-9"	7'-10"	-36
3'-9"	7'-10"	-37
3'-9"	7'-10"	-38
3'-9"	7'-10"	-39
3'-9"	7'-10"	-40
3'-9"	7'-10"	-41
3'-9"	7'-10"	-42
3'-9"	7'-10"	-43
3'-9"	7'-10"	-44
3'-9"	7'-10"	-45
3'-9"	7'-10"	-46
3'-9"	7'-10"	-47
3'-9"	7'-10"	-48
3'-9"	7'-10"	-49
3'-9"	7'-10"	-50
3'-9"	7'-10"	-51
3'-9"	7'-10"	-52
3'-9"	7'-10"	-53
3'-9"	7'-10"	-54
3'-9"	7'-10"	-55
3'-9"	7'-10"	-56
3'-9"	7'-10"	-57
3'-9"	7'-10"	-58
3'-9"	7'-10"	-59
3'-9"	7'-10"	-60
3'-9"	7'-10"	-61
3'-9"	7'-10"	-62
3'-9"	7'-10"	-63
3'-9"	7'-10"	-64
3'-9"	7'-10"	-65
3'-9"	7'-10"	-66
3'-9"	7'-10"	-67
3'-9"	7'-10"	-68
3'-9"	7'-10"	-69
3'-9"	7'-10"	-70
3'-9"	7'-10"	-71
3'-9"	7'-10"	-72
3'-9"	7'-10"	-73
3'-9"	7'-10"	-74
3'-9"	7'-10"	-75
3'-9"	7'-10"	-76
3'-9"	7'-10"	-77
3'-9"	7'-10"	-78
3'-9"	7'-10"	-79
3'-9"	7'-10"	-80
3'-9"	7'-10"	-81
3'-9"	7'-10"	-82
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3'-9"	7'-10"	-96
3'-9"	7'-10"	-97
3'-9"	7'-10"	-98
3'-9"	7'-10"	-99
3'-9"	7'-10"	-100
3'-9"	7'-10"	-101
3'-9"	7'-10"	-102
3'-9"	7'-10"	-103
3'-9"	7'-10"	-104
3'-9"	7'-10"	-105
3'-9"	7'-10"	-106
3'-9"	7'-10"	-107
3'-9"	7'-10"	-108
3'-9"	7'-10"	-109
3'-9"		

[A] PANELS: 26 Ga. PBR - Black

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"

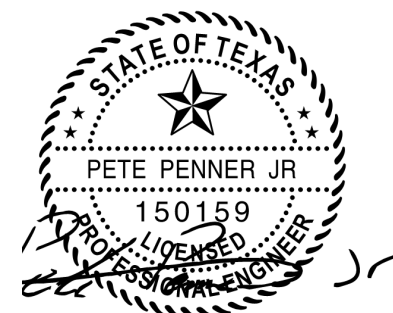
ANGLE TABLE		
FRAME LINE A		
◇ID	MARK	LENGTH
1	L4X2	20'-0"
2	L4X2	SCRAP

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

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

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

CONNECTION PLATES

ID	Mark/Part
1	h1



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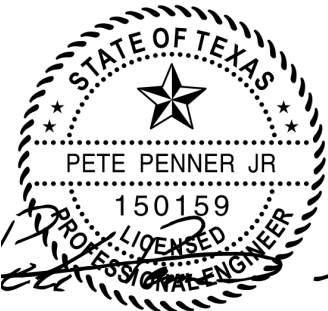
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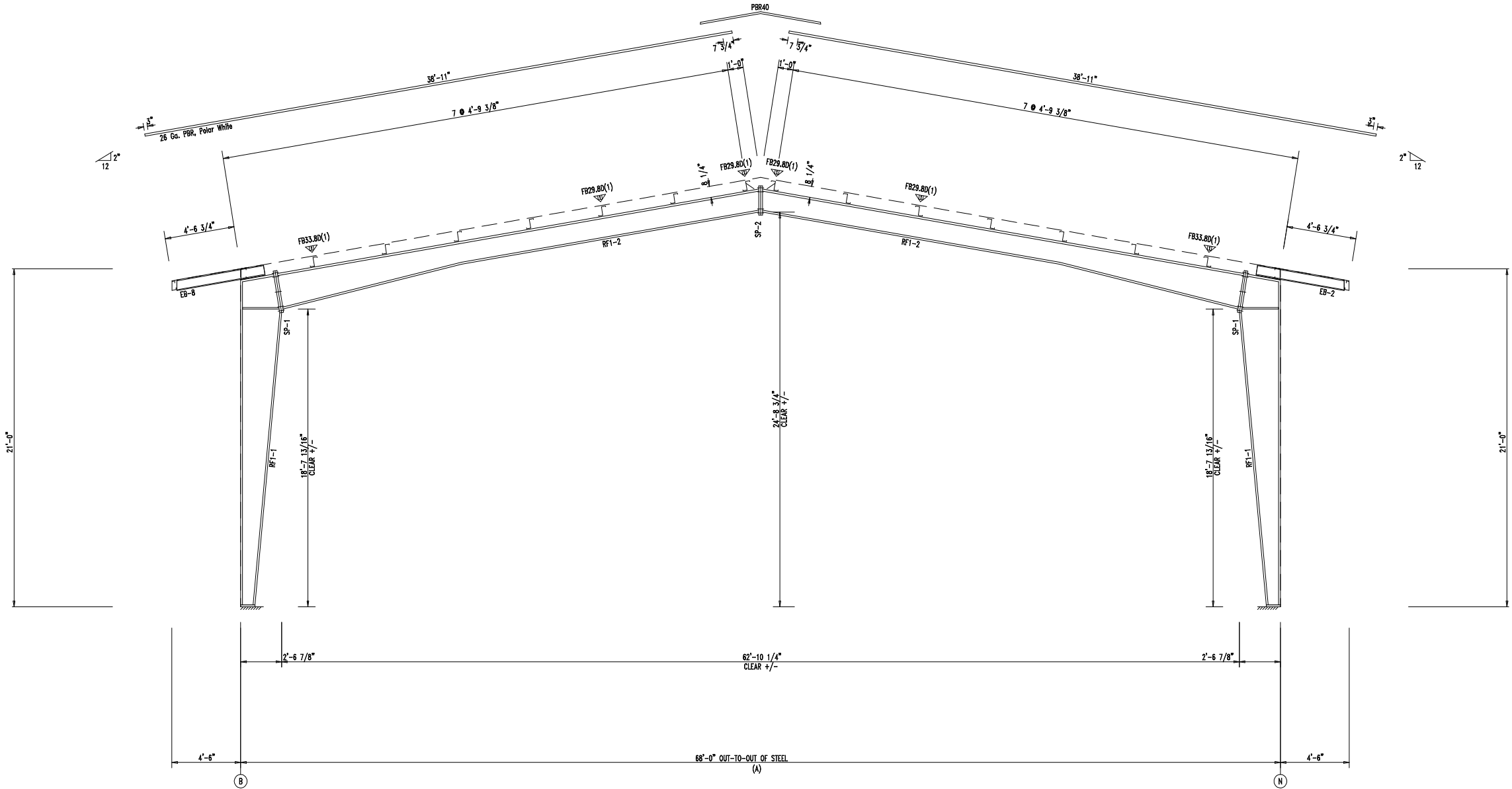
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RIGID FRAME ELEVATION: FRAME LINE 1

SPlice Bolt Table						
Mark	Qty Top	Qty Bot	Int	Type	Dia	Length
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

MEMBER TABLE					
Mark	Web Depth		Web Plate		Outside Flange W x Thk x Length
	Start/End	Thick	Length		
RF2-1	12.0/12.0	0.135	208.9		6 x 1/4" x 127.5
	12.0/12.0	0.250	36.0		6 x 3/8" x 115.4
					6 x 1/4" x 12.5
RF2-2	24.0/14.0	0.135	163.6		6 x 1/4" x 399.5
	14.0/14.0	0.135	240.0		
	12.0/12.0	0.250	36.0		6 x 1/4" x 12.5
RF2-3	12.0/12.0	0.250	36.0		6 x 3/8" x 115.4
	12.0/12.0	0.135	208.9		6 x 1/4" 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



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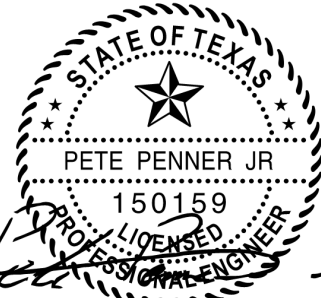
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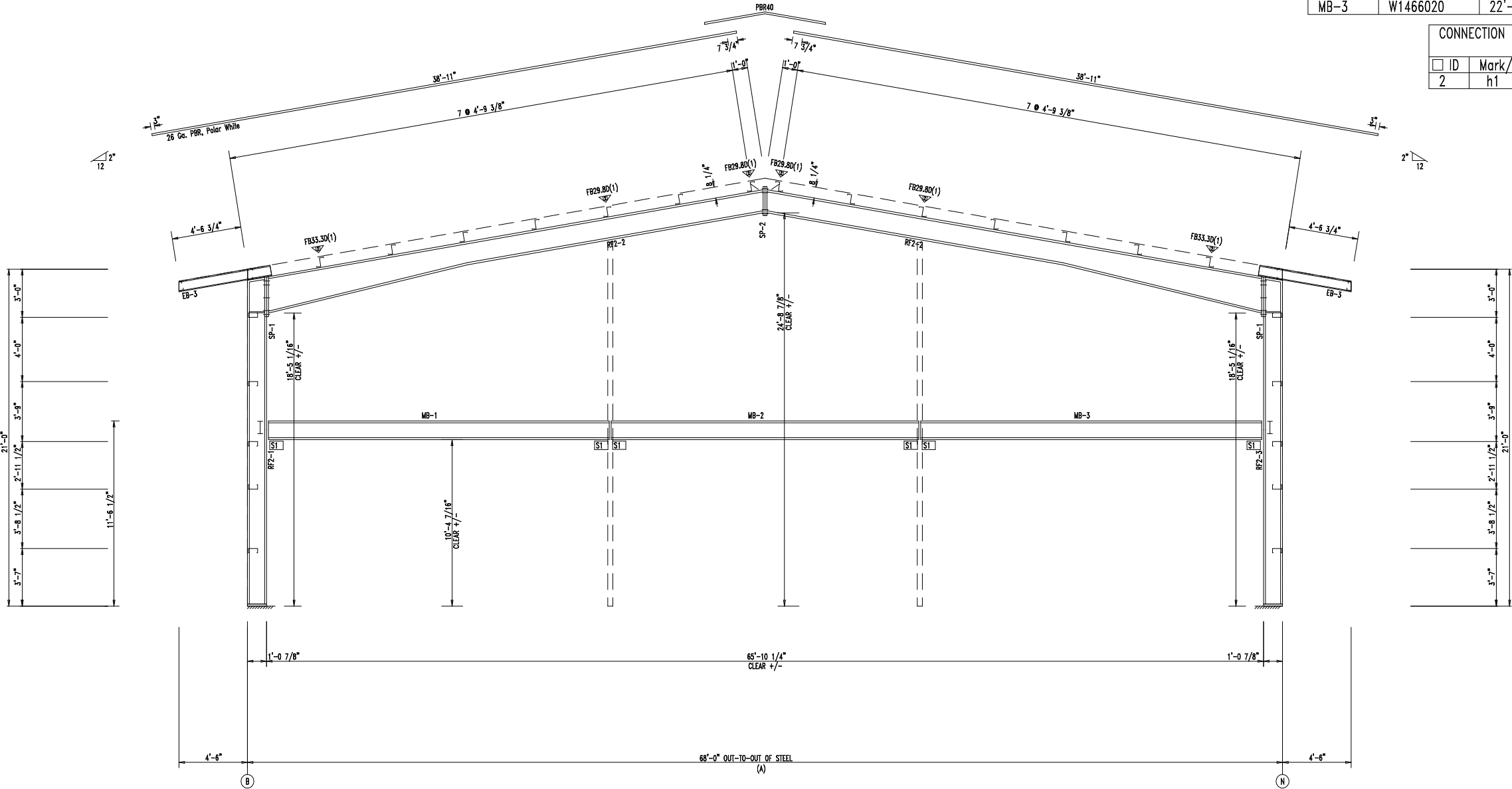
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RIGID FRAME ELEVATION: FRAME LINE 2

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

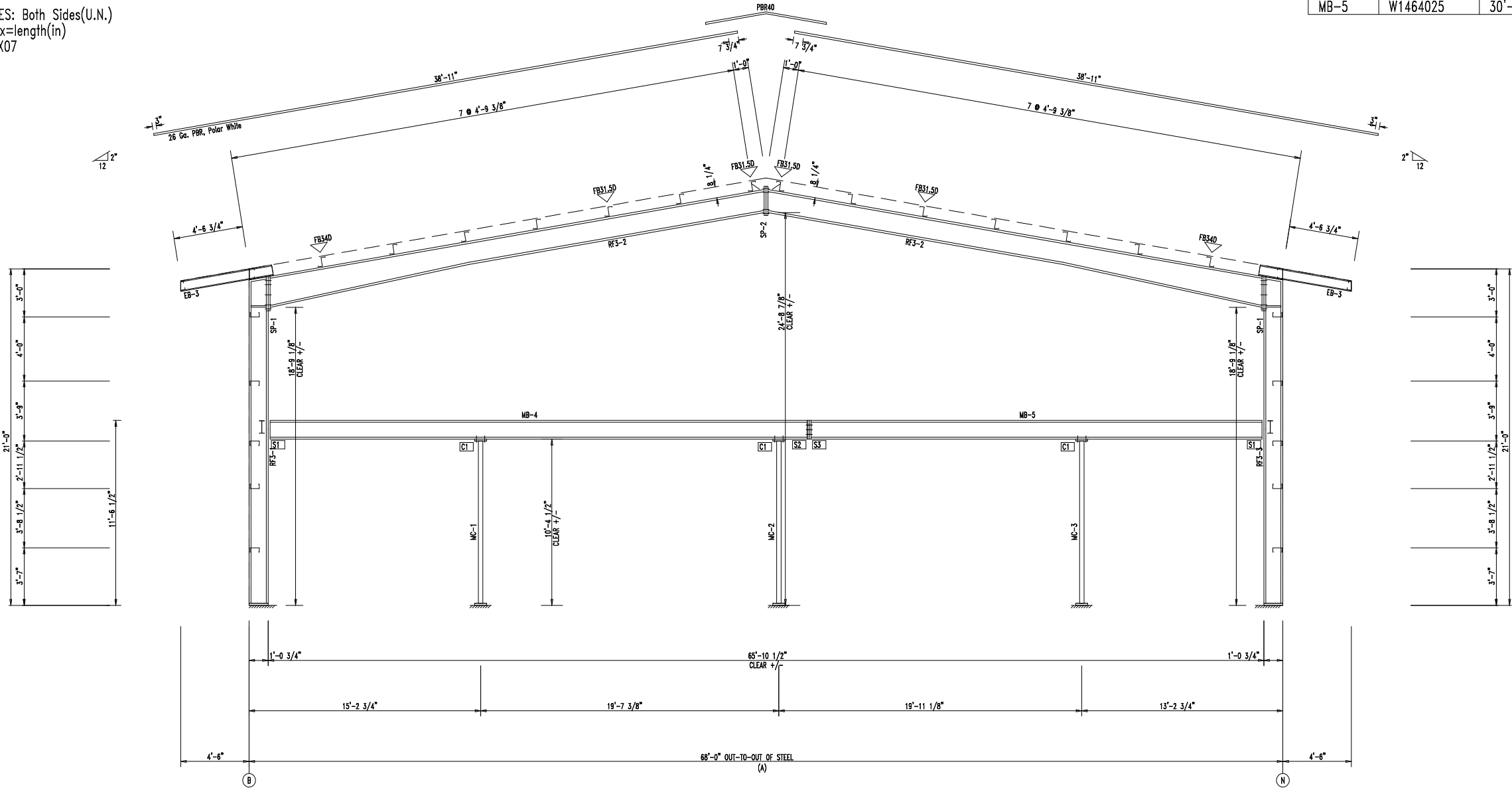
SUPPORT BEAM BOLT TABLE				
ID	Qty	Type	Dia	Length
S1	3	A325	0.750	2.50
S2	6	A325	0.750	2.50
S3	4	A325	0.750	2.50

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

MEMBER TABLE					
Mark	Web Depth		Web Plate		Outside Flange W x Thk x Length
	Start/End		Thick	Length	
RF3-1	12.0/12.0		0.135	208.9	6 x 1/4" x 242.9
	12.0/12.0		0.375	36.0	6 x 1/4" x 12.4
RF3-2	20.0/14.0		0.135	162.5	6 x 1/4" x 399.1
	14.0/14.0		0.135	240.0	
RF3-3	12.0/12.0		0.375	36.0	6 x 1/4" x 12.4
	12.0/12.0		0.135	208.9	6 x 1/4" x 242.9
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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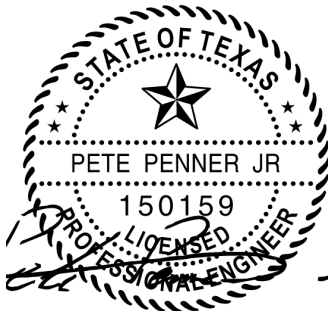
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SPLICE BOLT TABLE						
Mark	Qty					
	Top	Bot	Int	Type	Dia	Length
SP-1	4	4	0	A325	0.750	2.50
SP-2	4	4	2	A325	0.750	2.50

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

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



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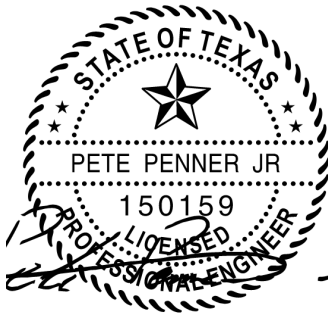
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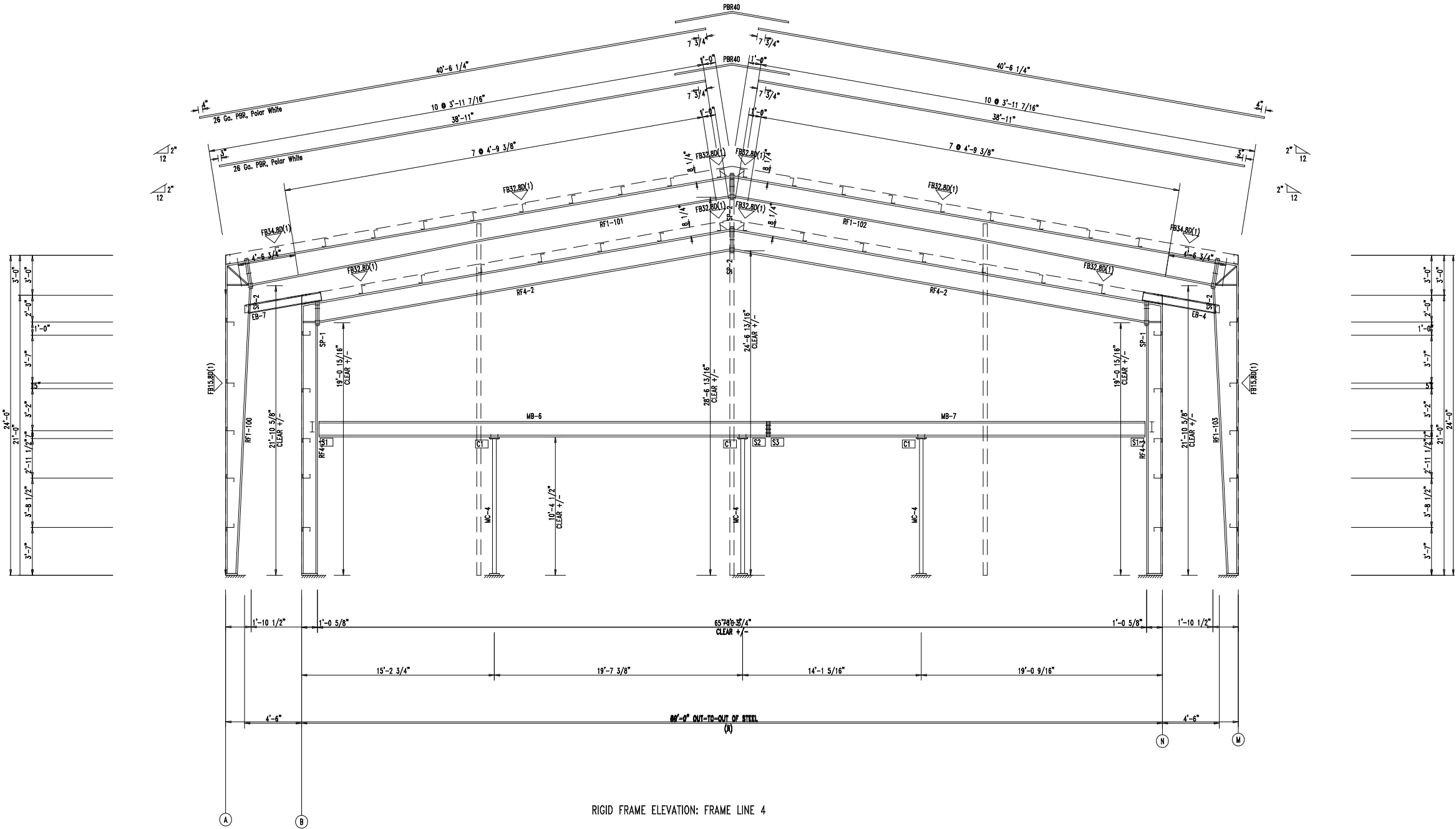
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SPLICE BOLT TABLE							CAP PLATE BOLTS				
Mark	Qty Top	Qty Bot	Int	Type	Dia	Length	Mark	Qty	Type	Dia	Length
SP-1	4	4	2	A325	0.750	2.50	RF2-104	8	A325	0.750	2.50
SP-2	4	4	0	A325	0.750	2.50					

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

MEMBER TABLE					
Mark	Web Depth		Web Plate		Outside Flange W x Thk x Length
	Start/End	Thick	Length		
RF2-100	22.0/22.0	0.135	282.6		6 x 1/4" x 278.9 6 x 1/4" x 22.5 6 x 1/4" x 396.0
RF2-101	24.0/15.0	0.135	299.0		6 x 1/4" x 66.0 6 x 1/4" x 66.0 6 x 1/4" x 22.5
RF2-102	15.0/12.0	0.135	101.0		6 x 1/4" x 278.9
RF2-103	12.1/22.8	0.135	130.3		
RF2-104	22.0/22.0	0.135	282.6		
RF2-104	W1686030				
Brkt1	W16X26				
Brkt2	W16X26				
Brkt3	W16X26				
Brkt4	W16X26				



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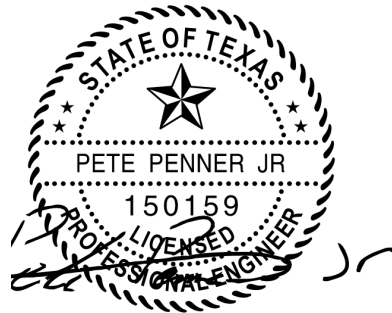
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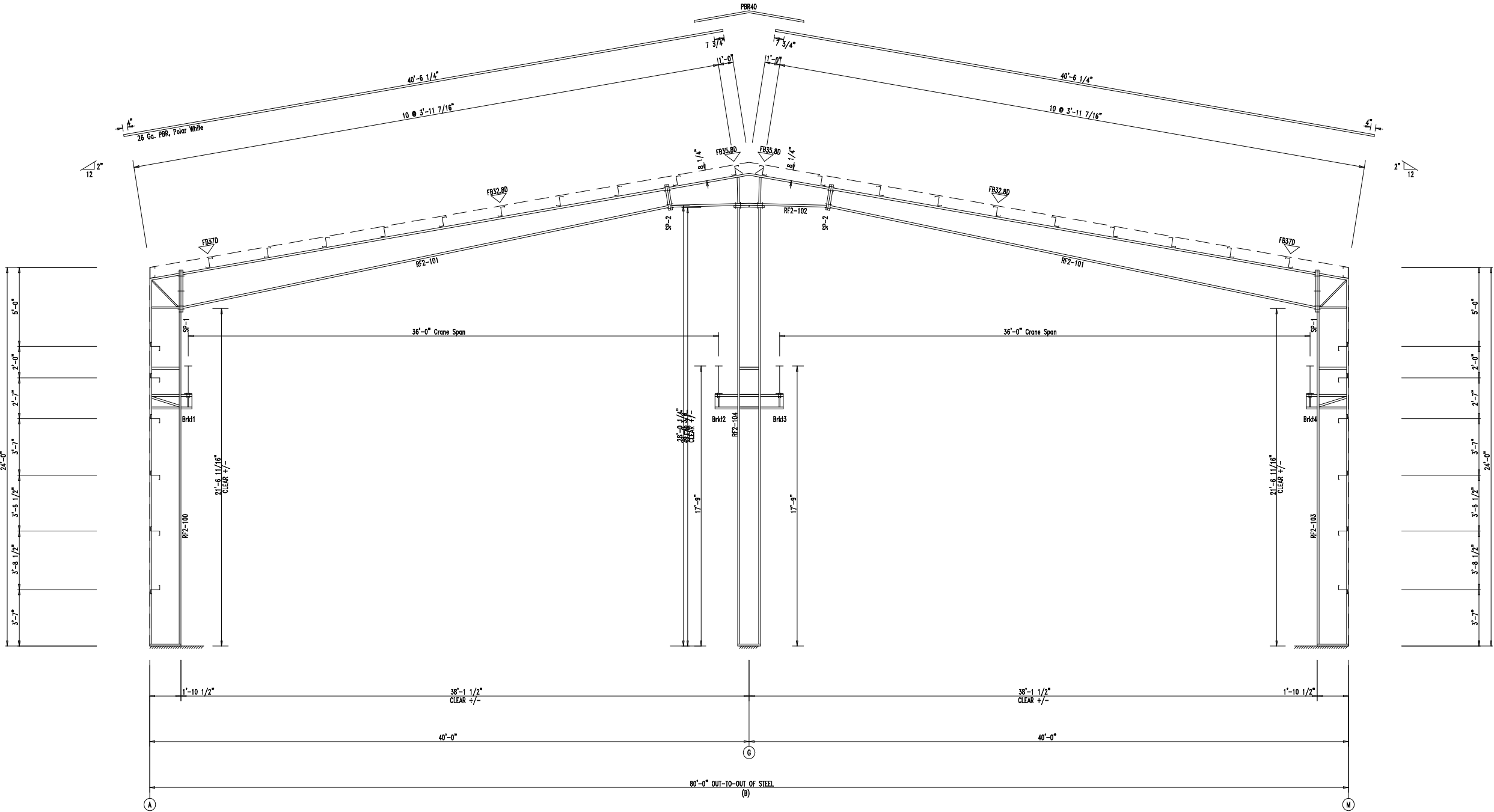
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RIGID FRAME ELEVATION: FRAME LINE 5

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	RF3-104	8	A325	0.750	2.50
SP-2	4	4	0	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 W x Thk x Length	Inside Flange W x Thk x Length
	Start/End	Thick	Length		
RF3-100	22.0/22.0	0.135	282.6	6 x 1/4" x 278.9 6 x 1/4" x 22.5 6 x 1/4" x 396.0	6 x 1/4" x 254.3
RF3-101	24.0/15.0 15.0/12.0	0.135 0.135	299.0 101.0	6 x 1/4" x 66.0 6 x 1/4" x 66.0	6 x 1/4" x 51.2 6 x 1/4" x 51.2
RF3-102	12.1/22.8	0.135	130.3	6 x 1/4" x 22.5 6 x 1/4" x 278.9	6 x 1/4" x 254.3
RF3-103	22.0/22.0	0.135	282.6		
RF3-104	W1686030				
Brkt1	W16X26				
Brkt2	W16X26				
Brkt3	W16X26				
Brkt4	W16X26				



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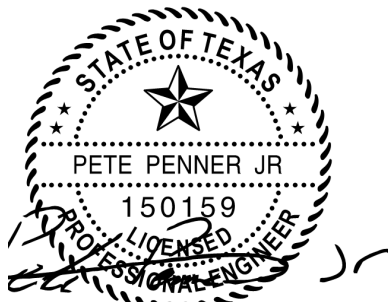
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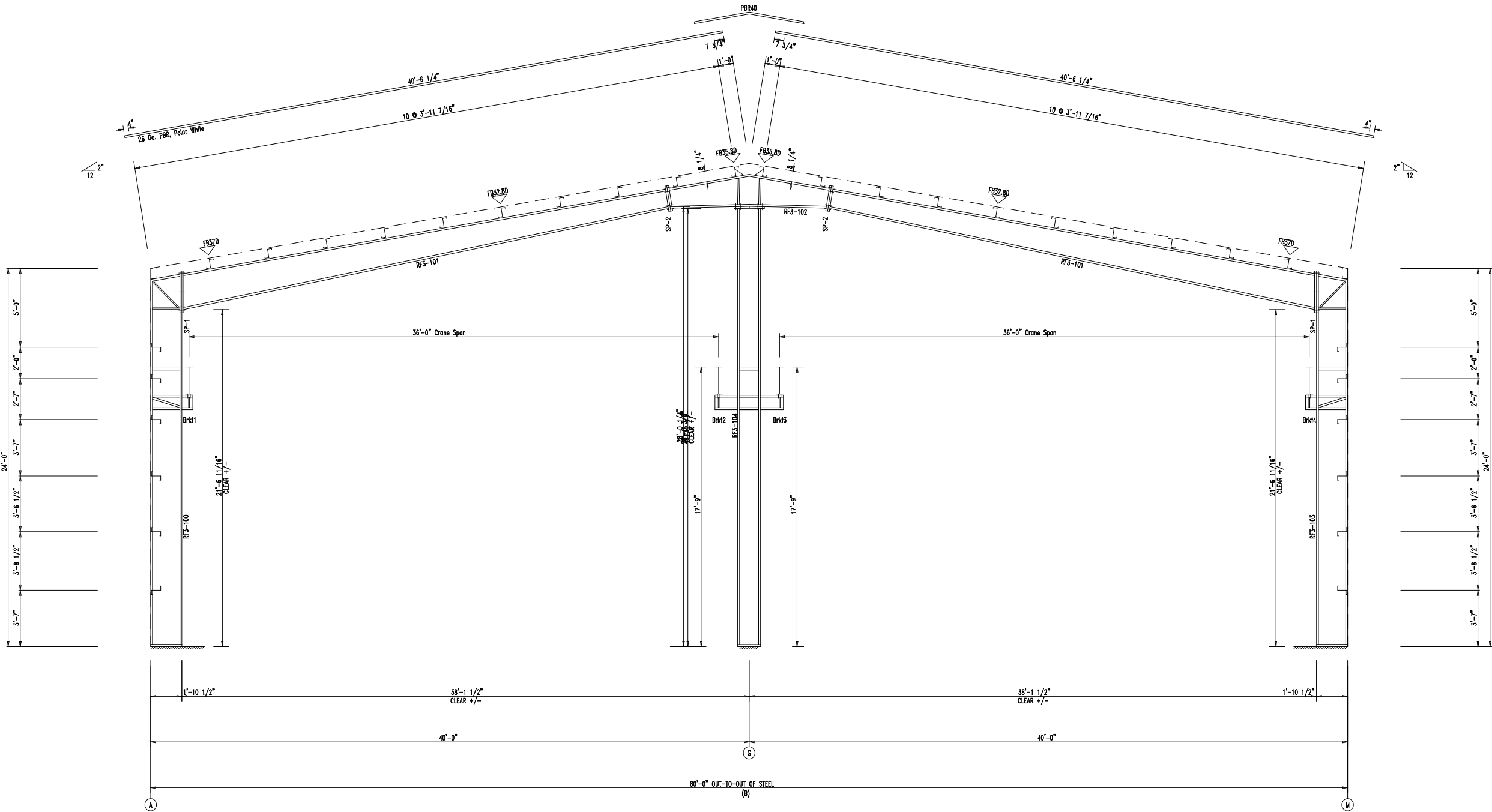
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RIGID FRAME ELEVATION: FRAME LINE 6

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	RF4-104	8	A325	0.750	2.50
SP-2	4	4	0	A325	0.750	2.50					

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

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



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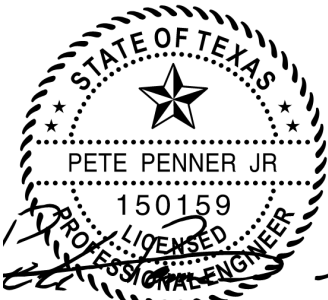
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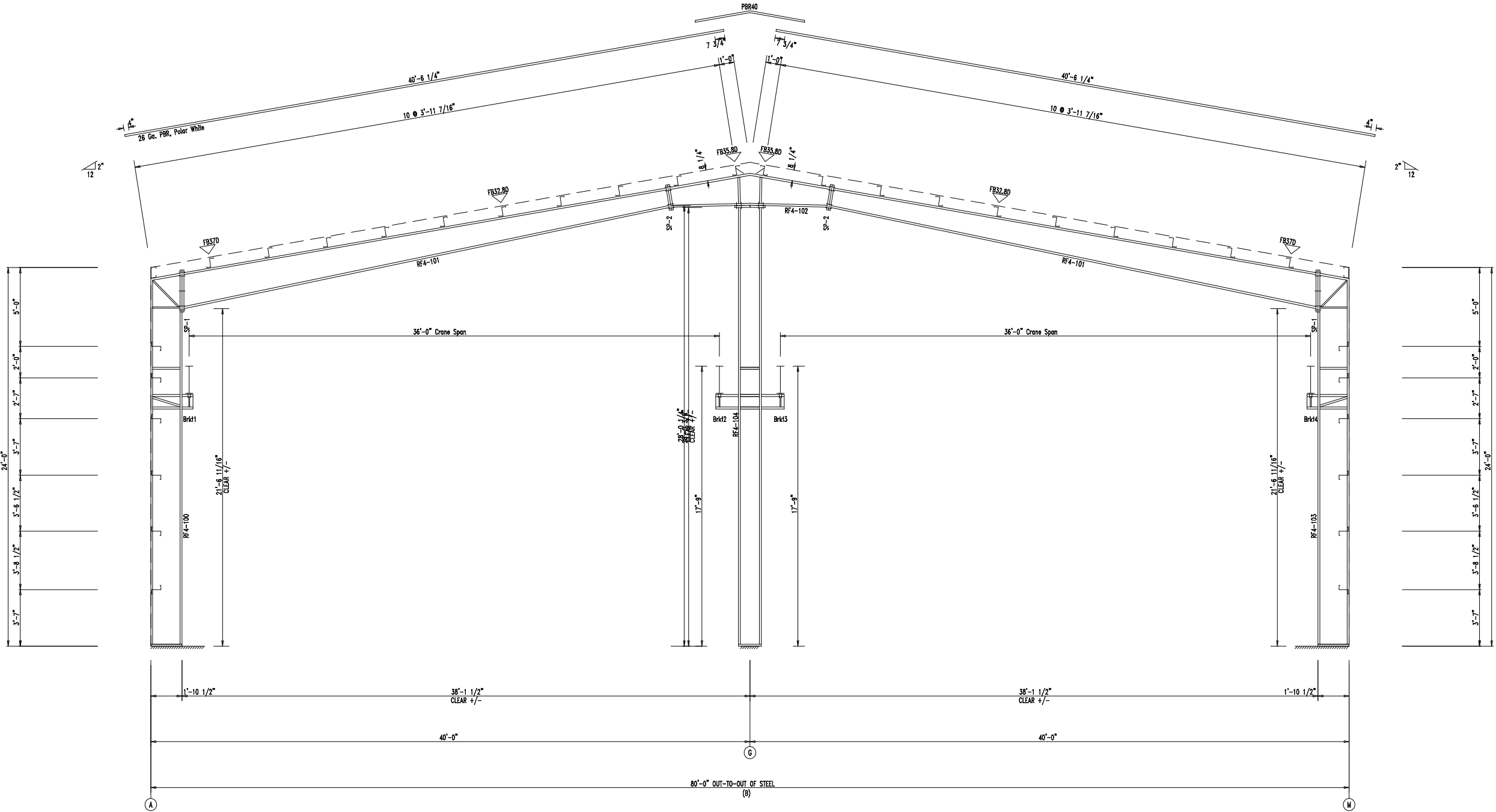
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RIGID FRAME ELEVATION: FRAME LINE 7

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	RF6-104	8	A325	0.750	2.50
SP-2	4	4	0	A325	0.750	2.50					

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

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



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

CUSTOMER INFO

PROJECT
PB50683

RAE
ODESSA, TX 79763

SHEET NAME/TITLE
RIGID FRAME ELEVATION

DRAWN BY
BN

DATE
4/12/24

CHECKED BY
BN

DATE
4/12/24

APPROVED BY

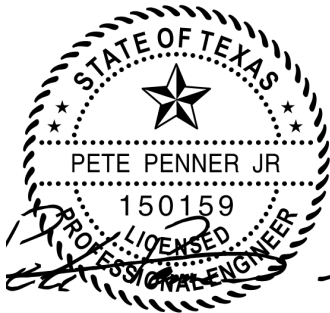
DATE
4/12/24

SHEET NO.
E46 of 97-

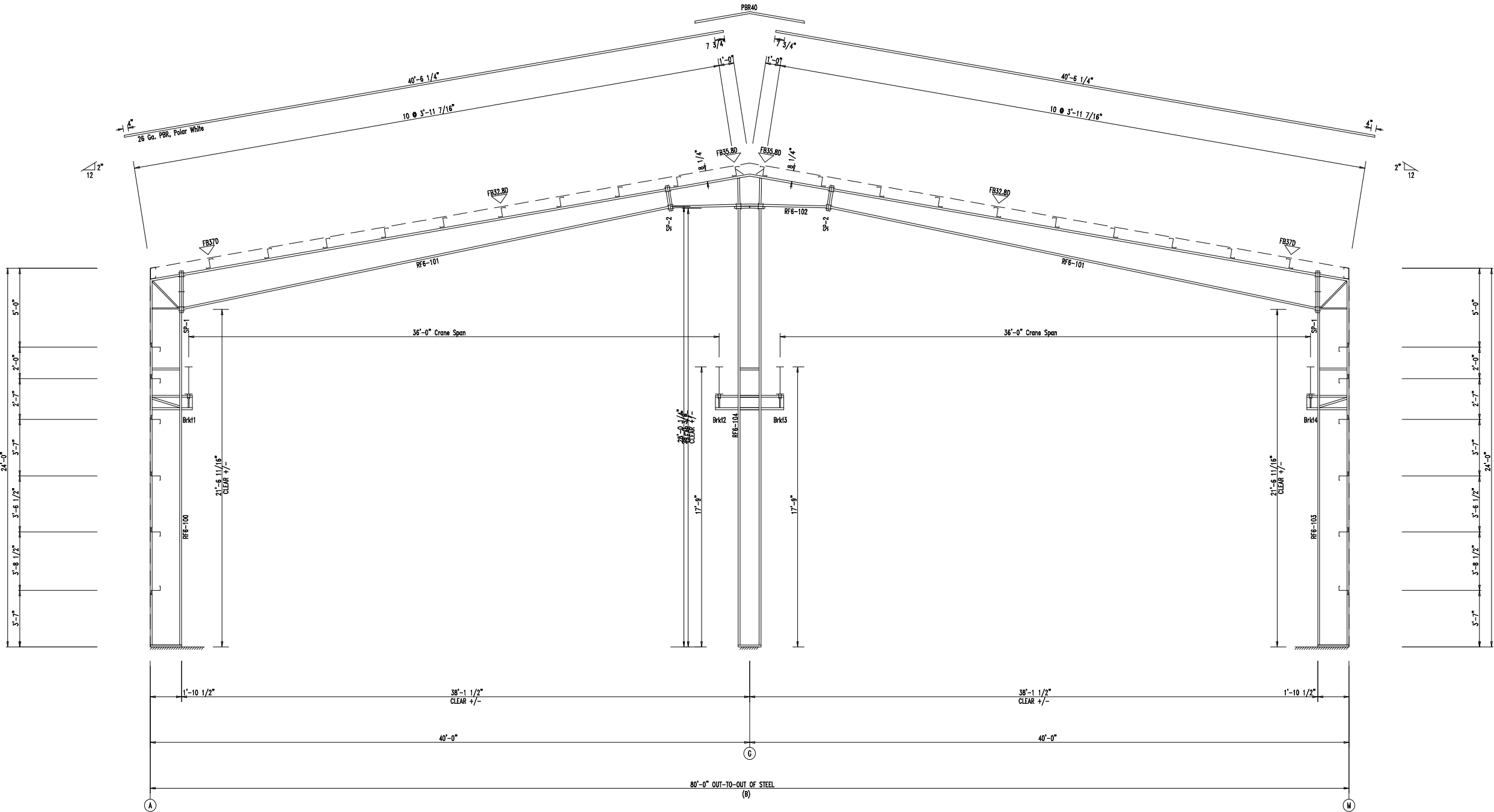
REV.
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SCALE
NTS

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RIGID FRAME ELEVATION: FRAME LINE 9

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

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

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



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430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
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ODESSA, TX 79763

SHEET NAME/TITLE
RIGID FRAME ELEVATION

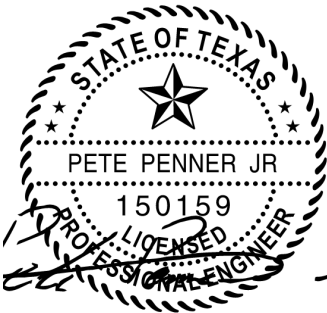
DRAWN BY
BN
DATE
4/12/24

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BN
DATE
4/12/24

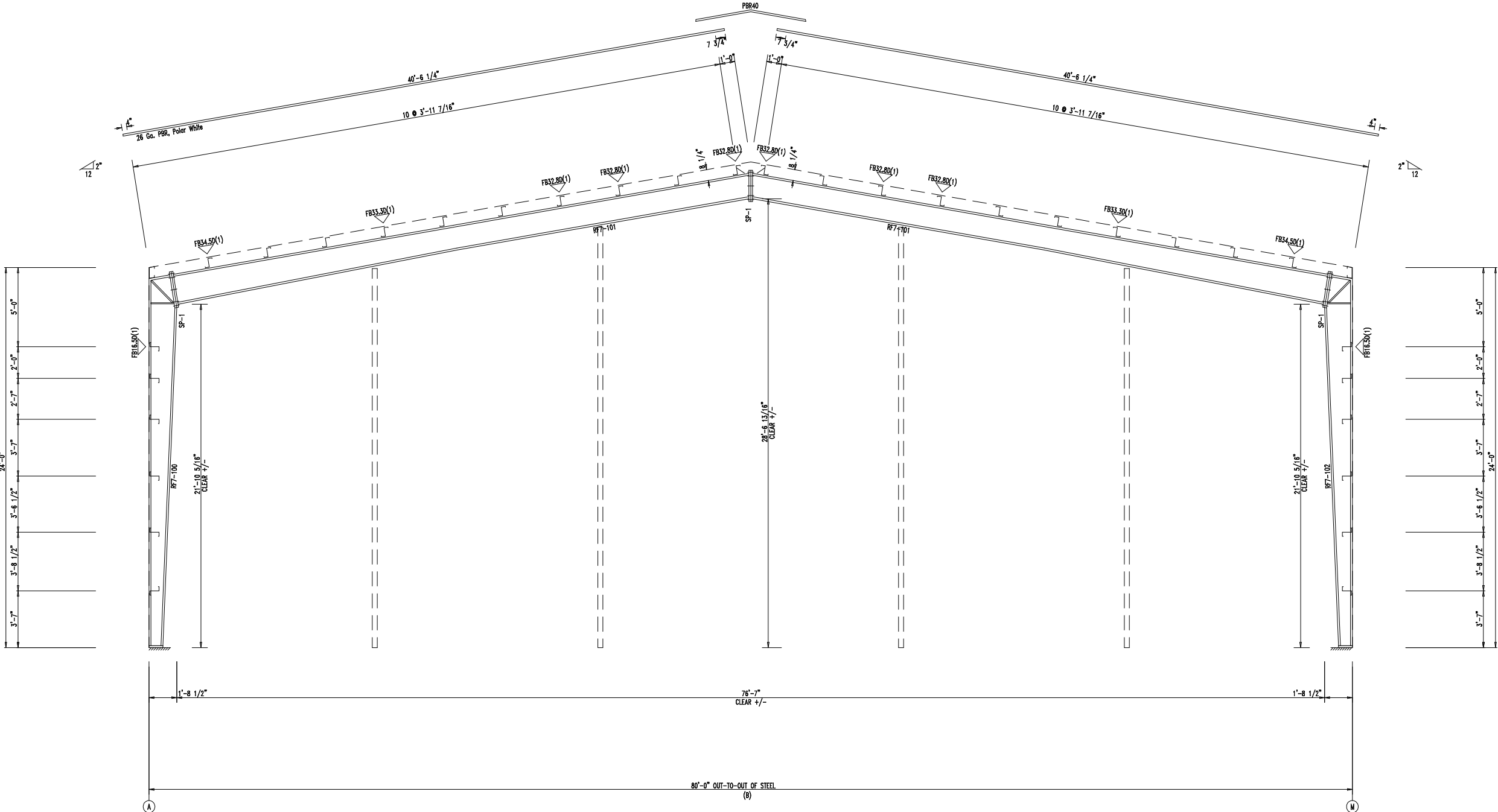
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DATE
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REV.
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SCALE
NTS

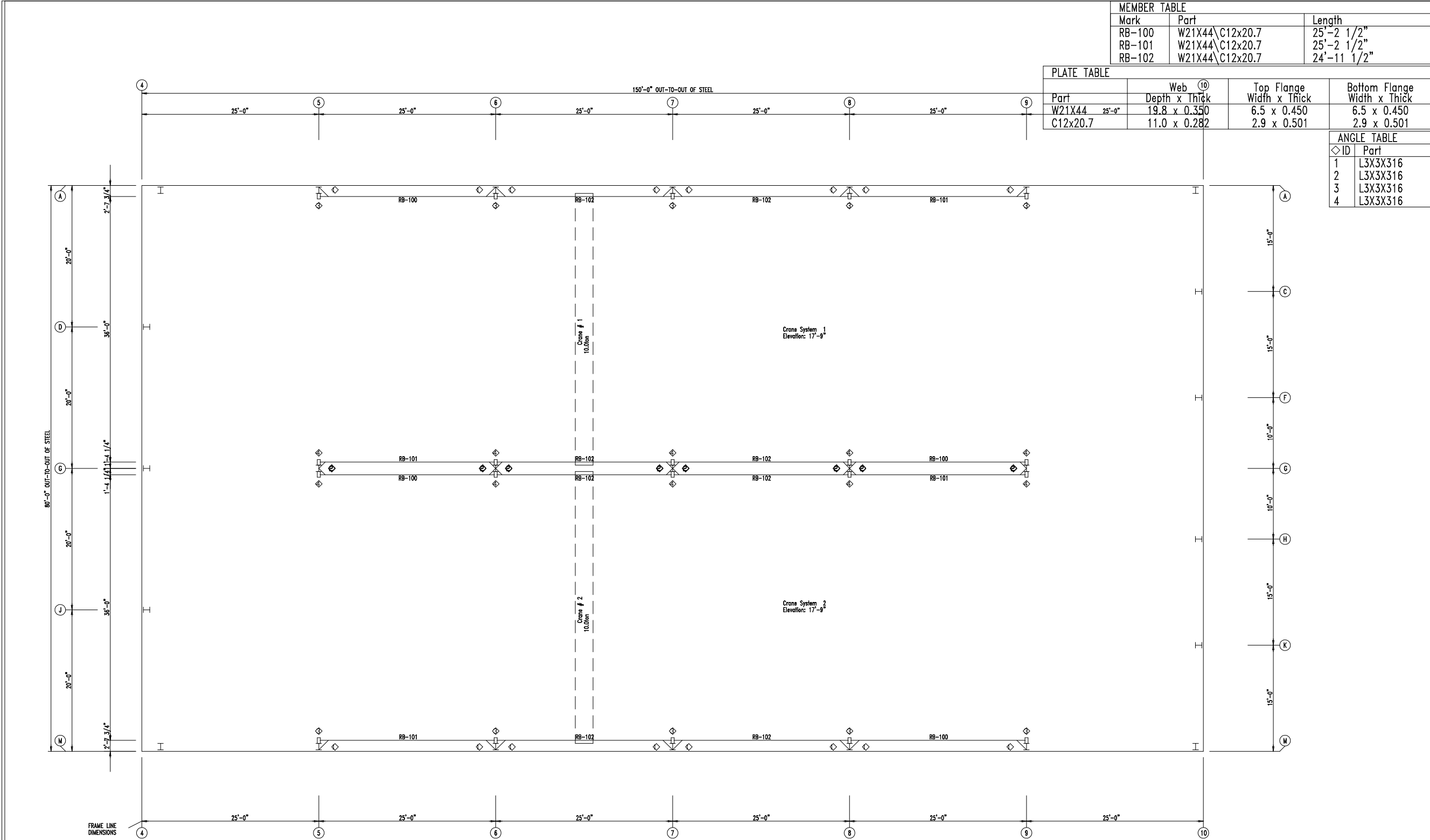
REVISIONS			
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RIGID FRAME ELEVATION: FRAME LINE 10



MEMBER TABLE		
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"

PLATE TABLE			
Part	Web ^⑩ 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	6.5 x 0.450
C12x20.7	11.0 x 0.282	2.9 x 0.501	2.9 x 0.501

ANGLE TABLE	
◇ ID	Part
1	L3X3X316
2	L3X3X316
3	L3X3X316
4	L3X3X316

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SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
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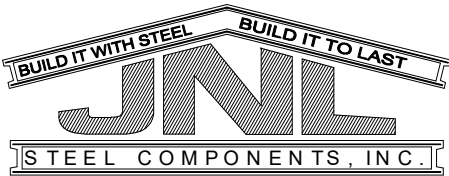
RAE
ODESSA, TX 79763

SHEET NAME/TITLE
CRANE PLAN

DRAWN BY BN	DATE 1/11/24
CHECKED BY BN	DATE 1/11/24
APPROVED BY .	DATE 1/11/24
SHEET NO. E51 of 97-	REV. 97- SCALE NTS

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SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50683

RAE

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SHEET NAME/TITLE
CRANE PLAN

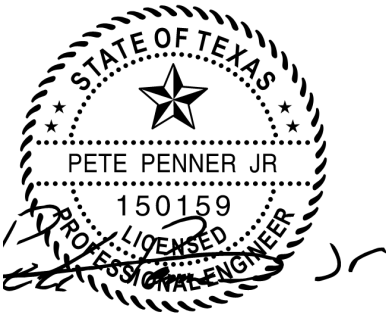
DRAWN BY BN DATE 1/11/24

CHECKED BY BN DATE 1/11/24

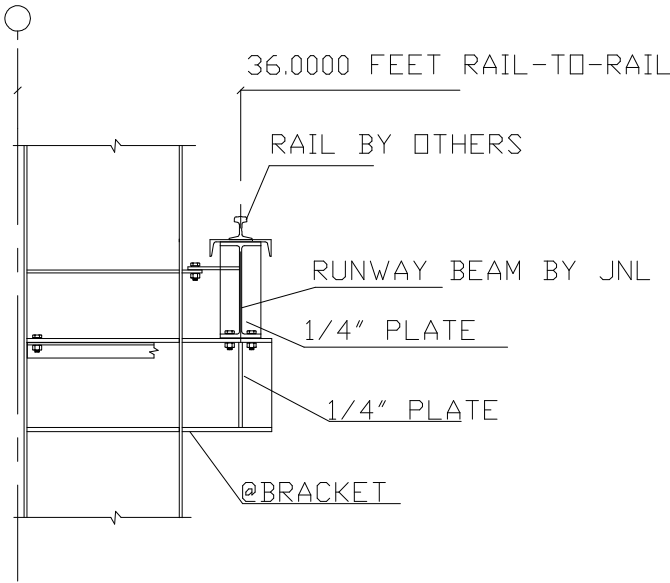
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E52 of 97- NTS

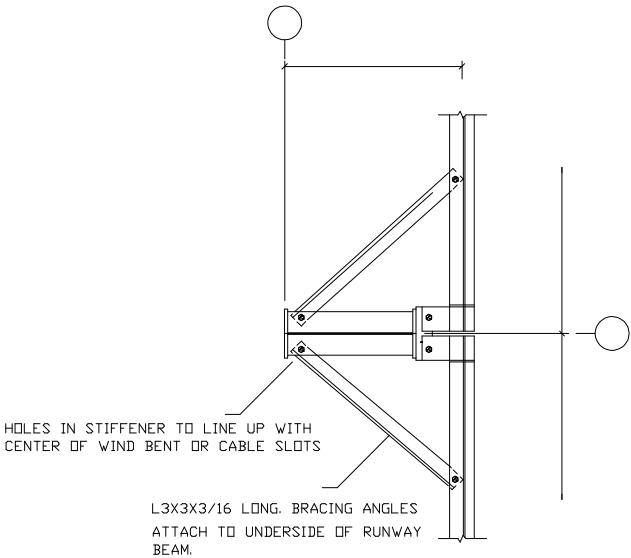
REVISIONS			
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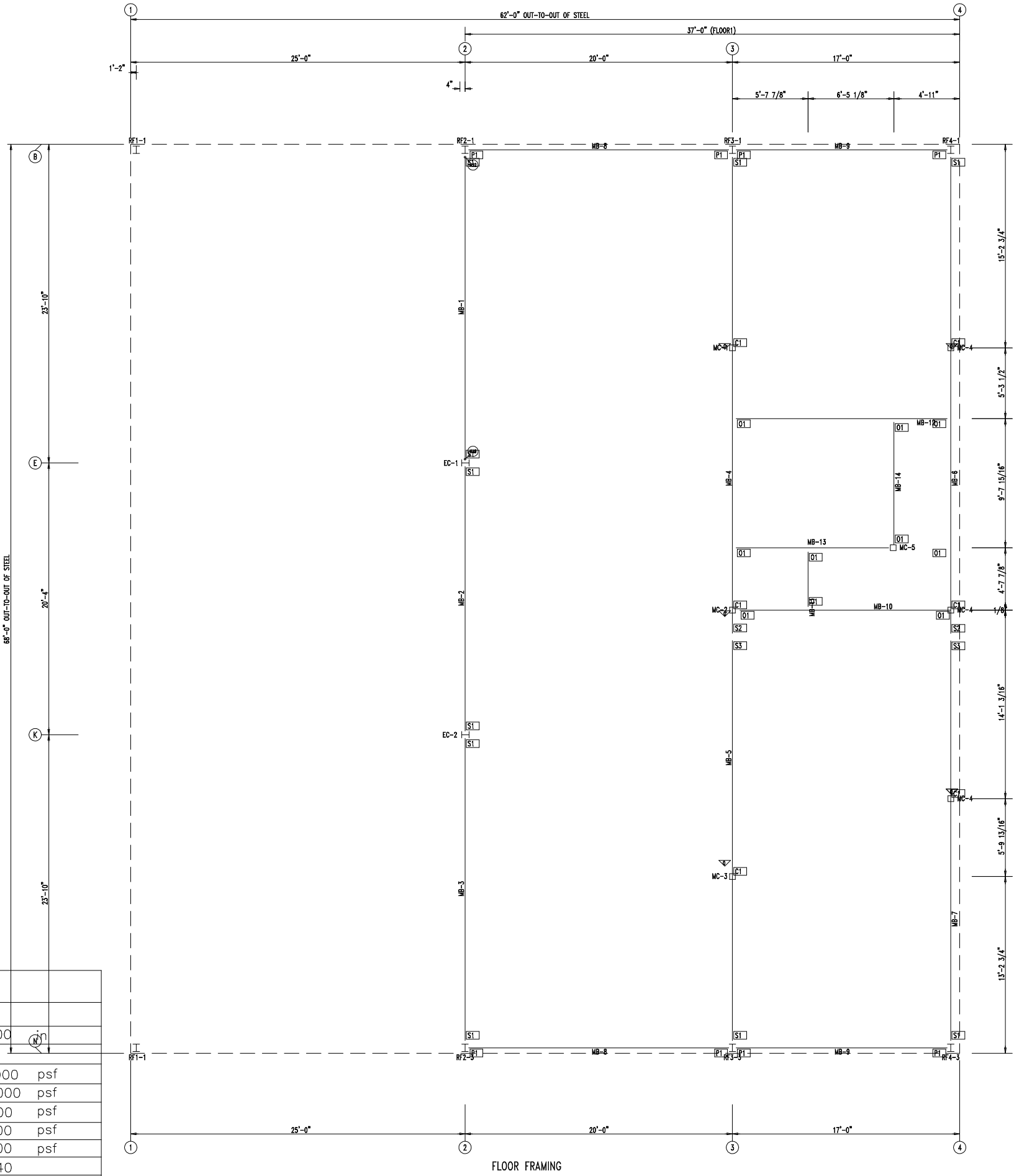
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ALL BOLTS TO BE 3/4 A325 BOLTS



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		



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	3	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"



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

CUSTOMER INFO

PROJECT

A

RAE

ODESSA, TX 79763

SHEET NAME/TITLE
FLOOR FRAMING

DRAWN BY
BN

DATE
1/11/24

CHECKED BY
BN

DATE
1/11/24

APPROVED BY
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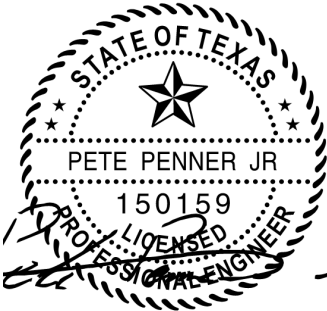
DATE
1/11/24

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E56 of 97-

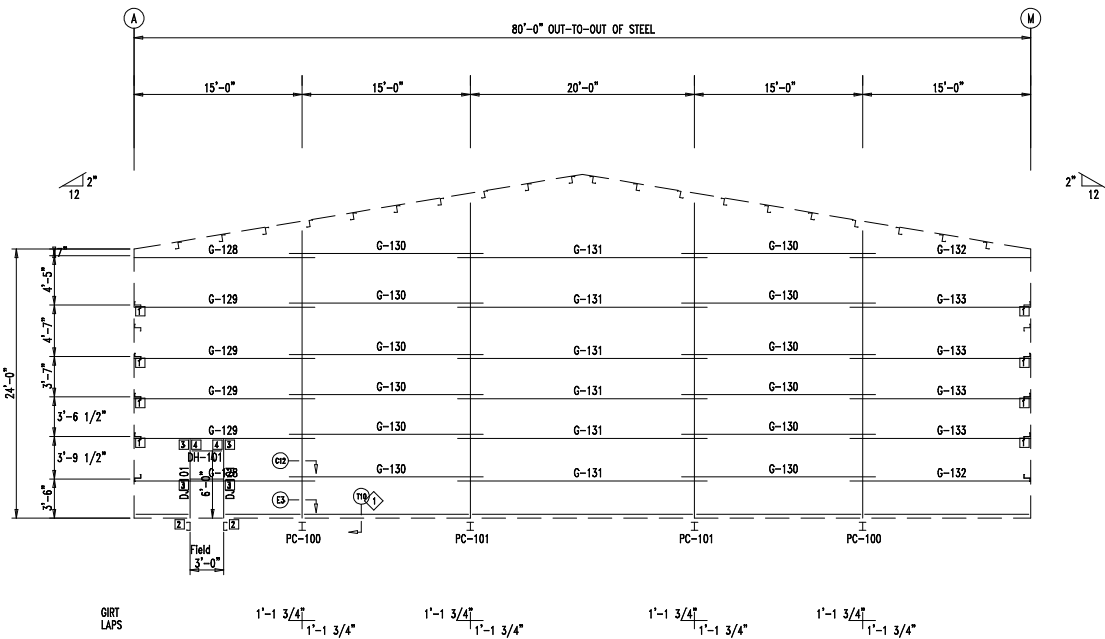
REV.
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SCALE
NTS

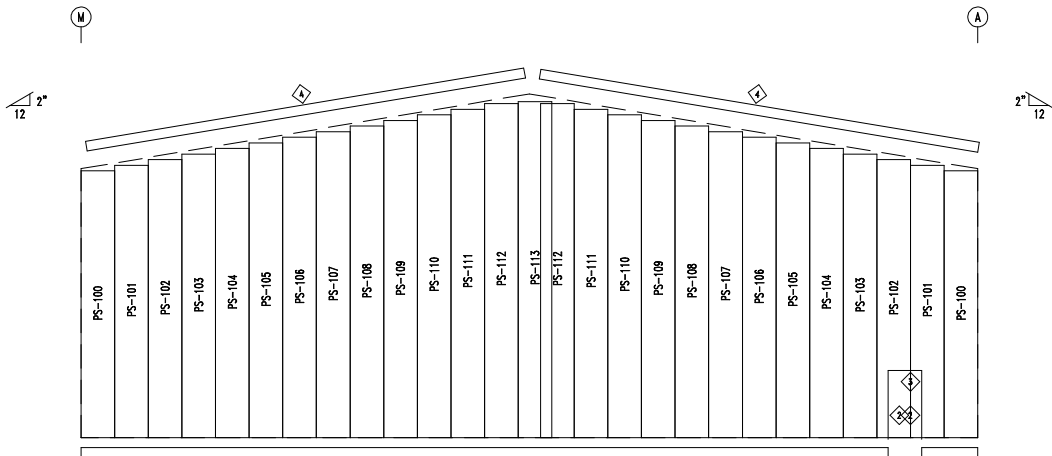
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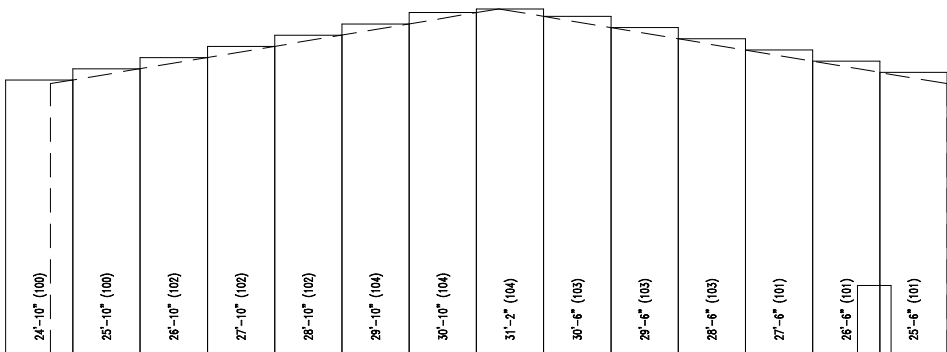
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PARTITION 1 FRAMING



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



PARTITION 1 INSULATION

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



432-758-9900
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SEMINOLE, TX 79360

CUSTOMER INFO

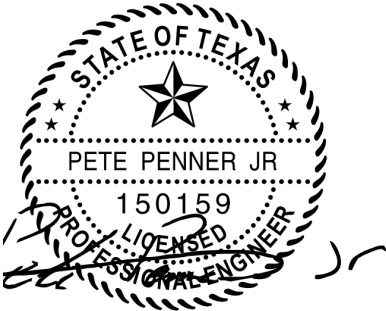
PROJECT
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RAE
ODESSA, TX 79763

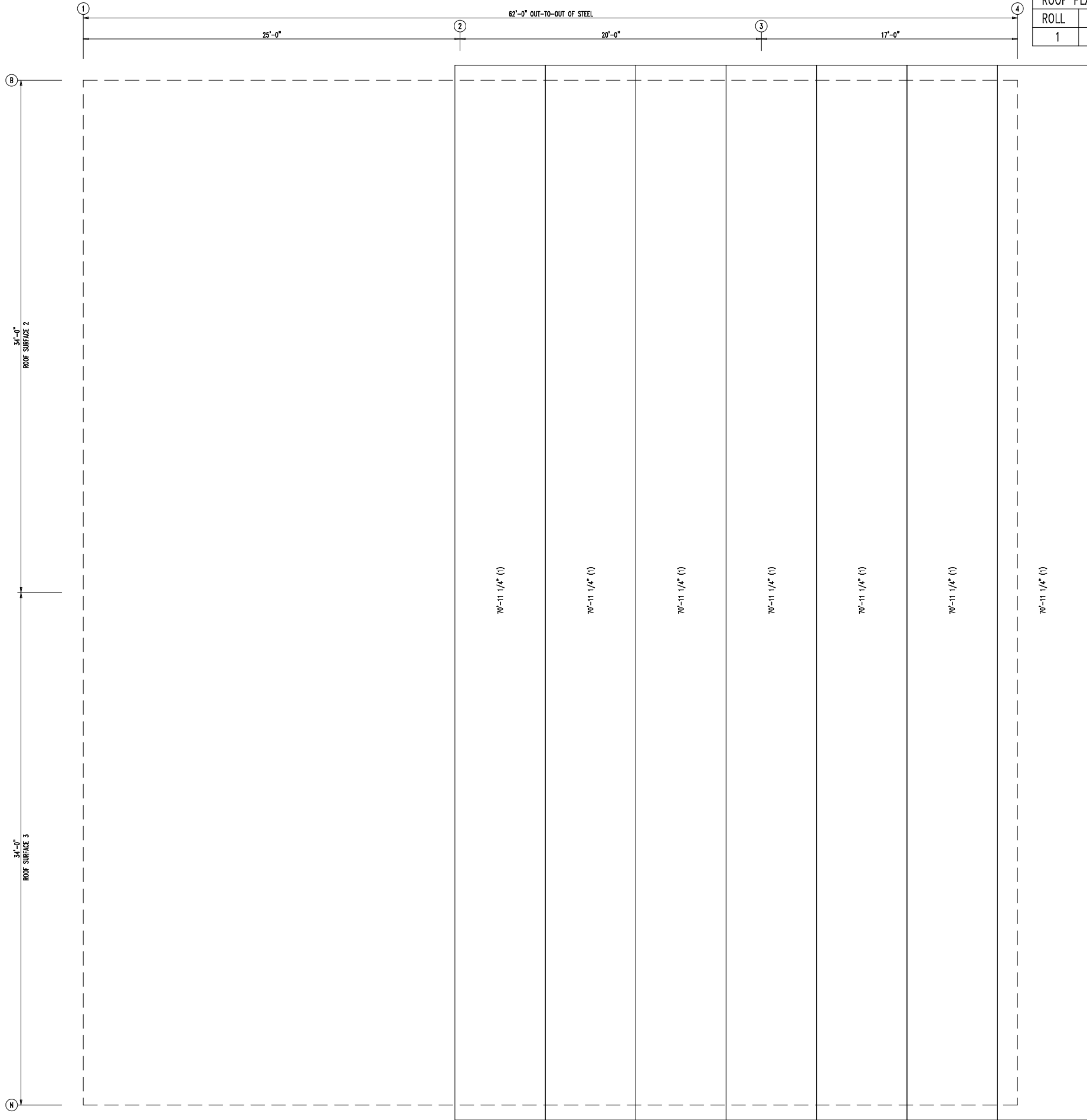
SHEET NAME/TITLE
PARTITION FRAMING

DRAWN BY BN	DATE 1/11/24
CHECKED BY BN	DATE 1/11/24
APPROVED BY .	DATE 1/11/24
SHEET NO. E58 of 97-	REV. 97- SCALE NTS

REVISIONS			
NO.	NOTES	BY	DATE
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INSULATION TABLE ROOF PLAN				
ROLL	QUAN	MARK	WIDTH	LENGTH
1	7	RI-1	6'-0"	70'-11 1/4"



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SEMINOLE, TX 79360

CUSTOMER INFO

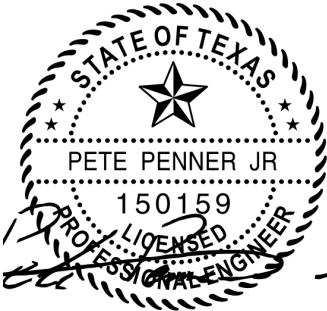
PROJECT
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SHEET NAME/TITLE
ROOF INSULATION

DRAWN BY BN	DATE 1/11/24
CHECKED BY BN	DATE 1/11/24
APPROVED BY ,	DATE 1/11/24
SHEET NO. E62 of 97-	REV. 97- SCALE NTS

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



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430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50683

RAE
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SHEET NAME/TITLE
ROOF INSULATION

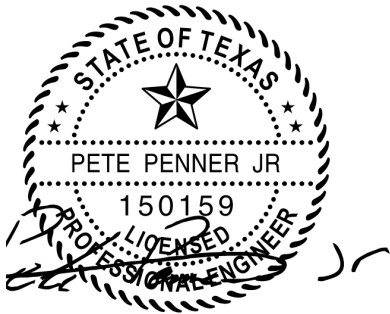
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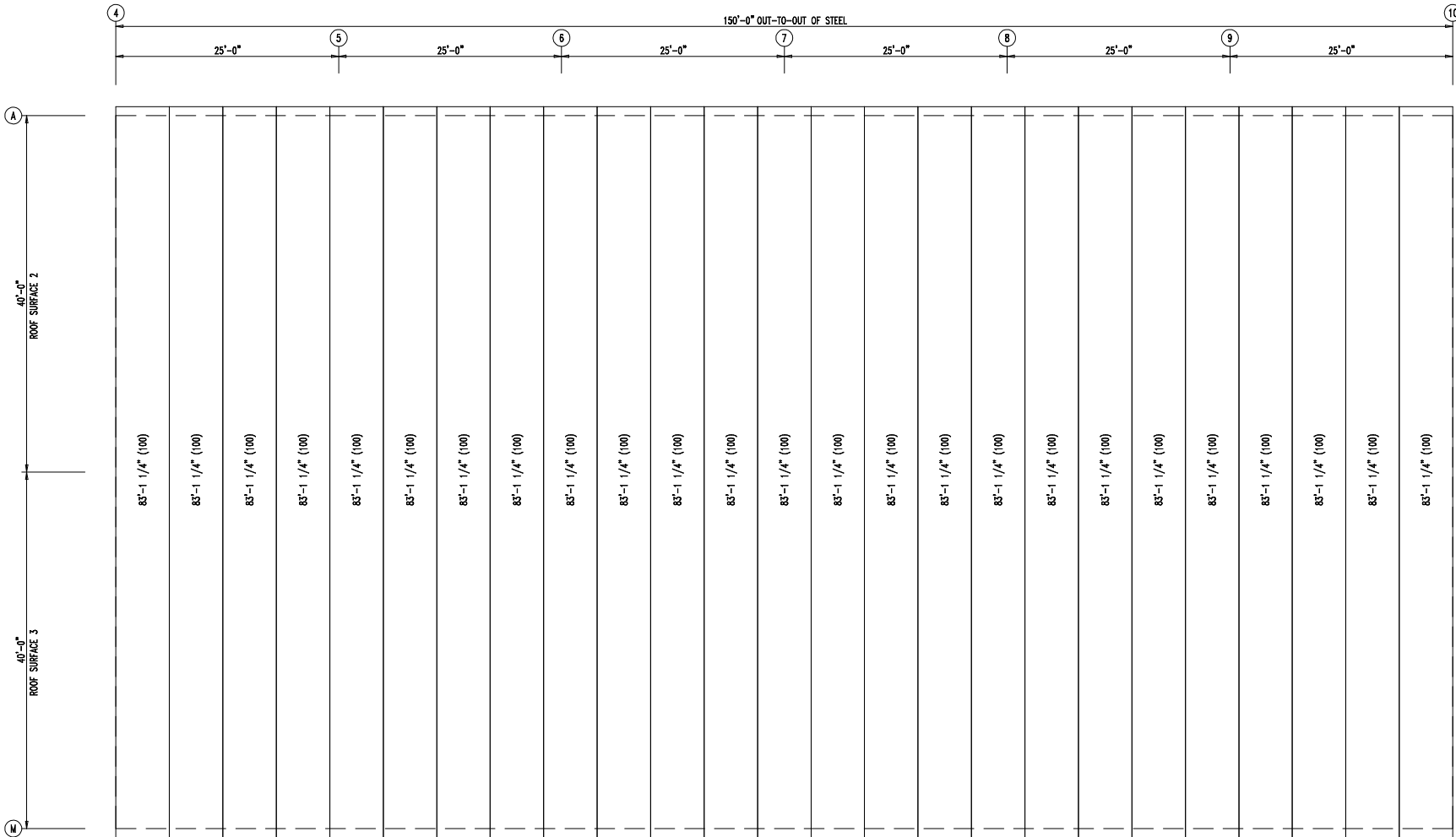
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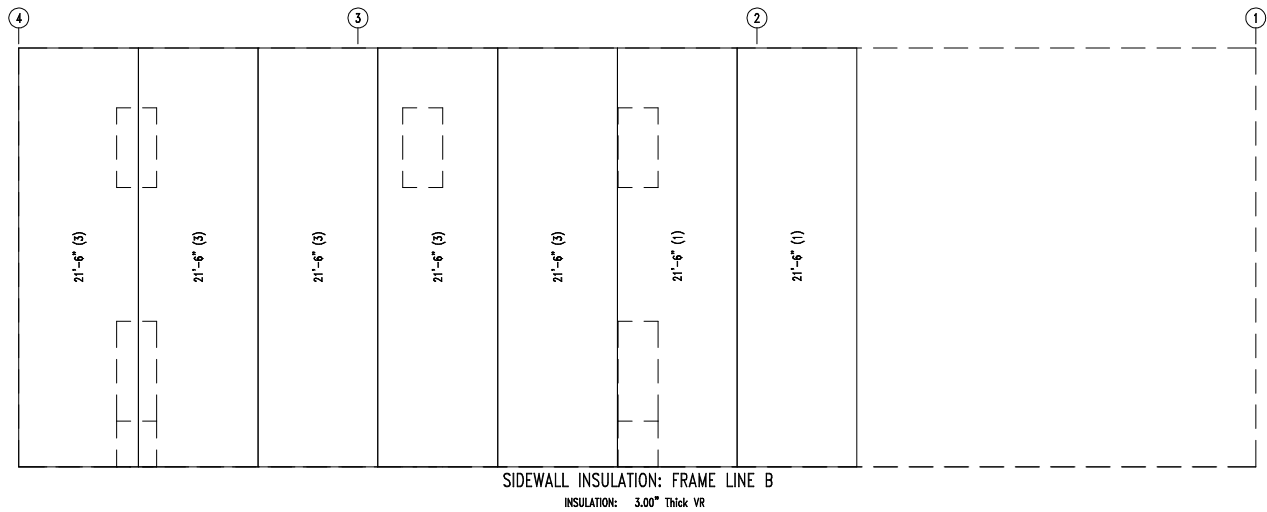
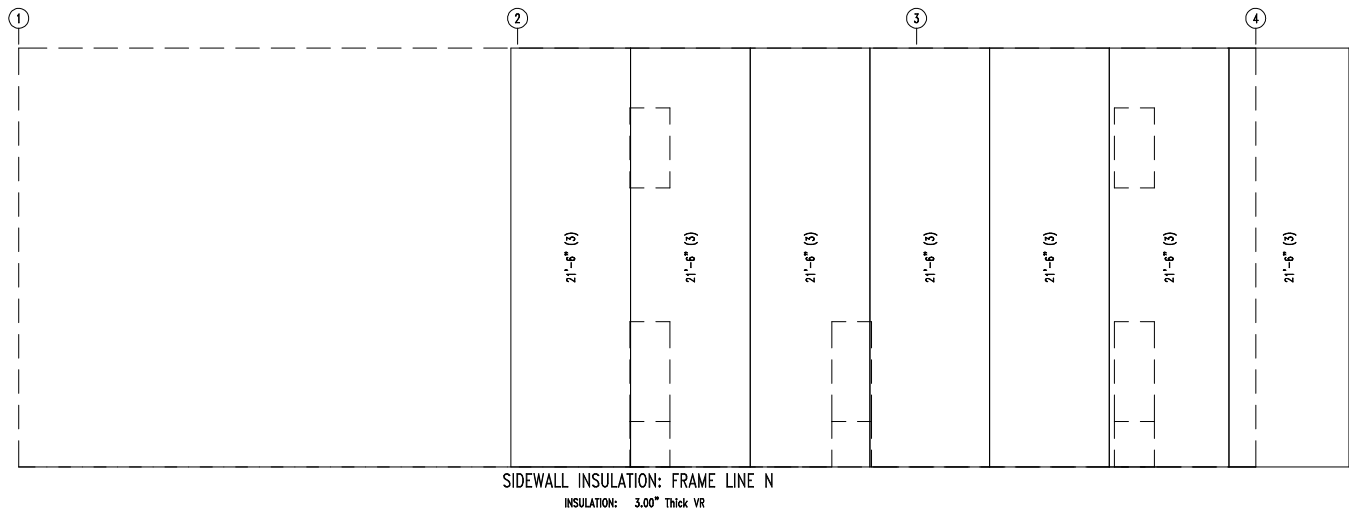
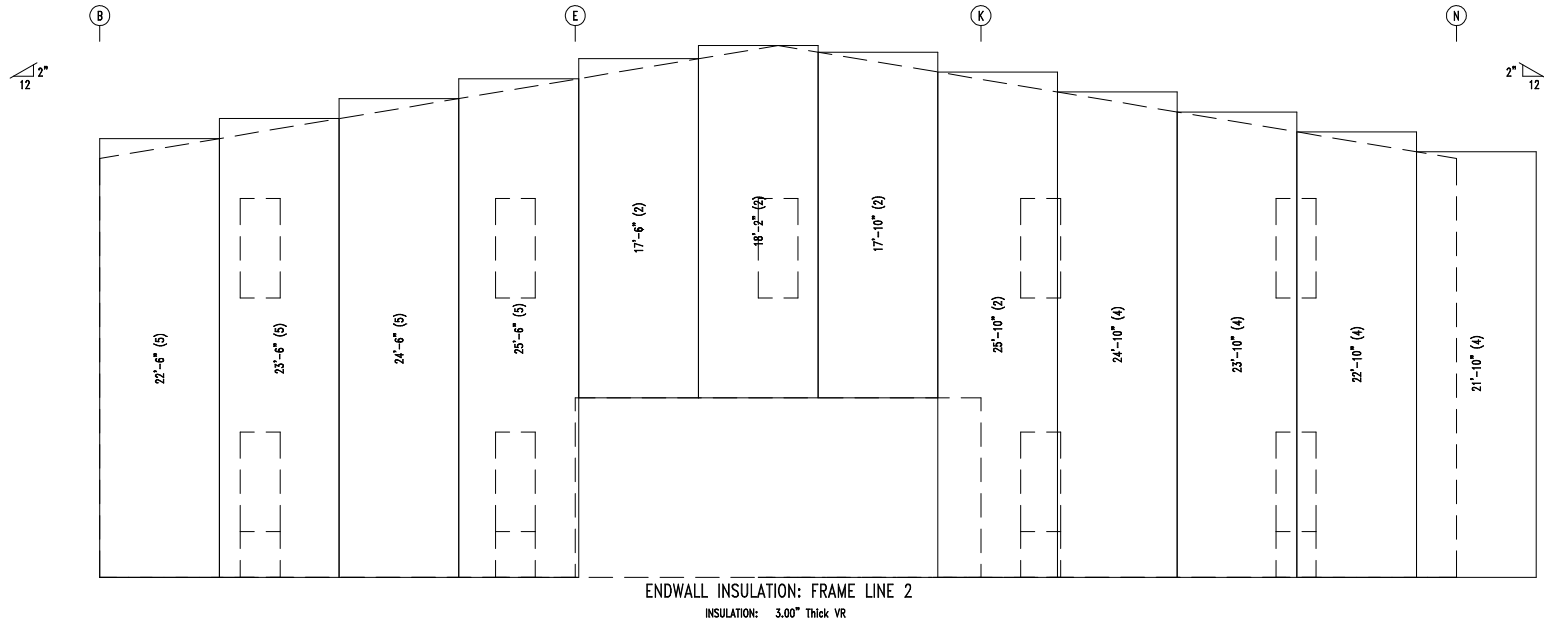
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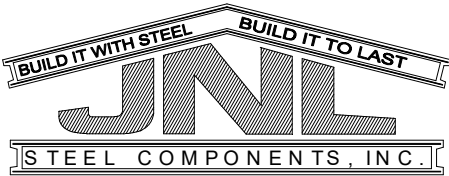


ROOF INSULATION
INSULATION: 3.00" Thick VR



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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SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
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SHEET NAME/TITLE
WALL INSULATION

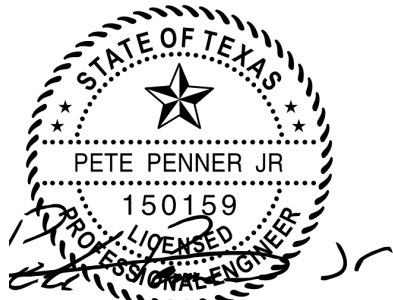
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DATE
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DATE
1/11/24

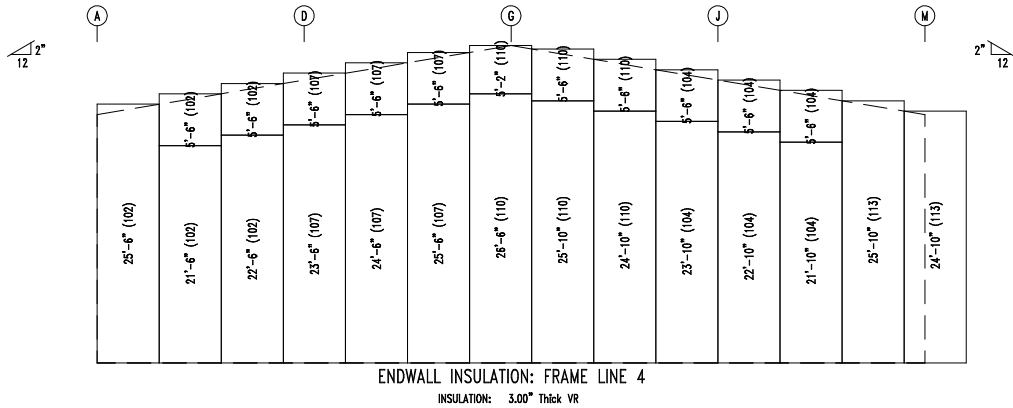
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1/11/24

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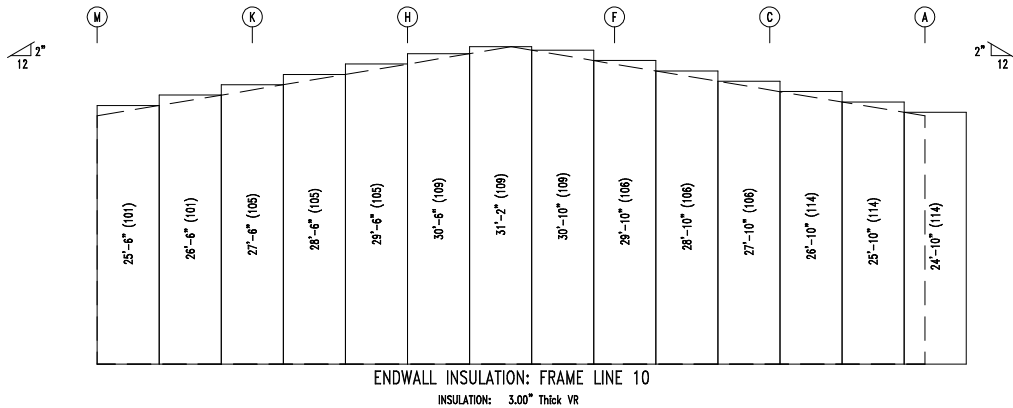
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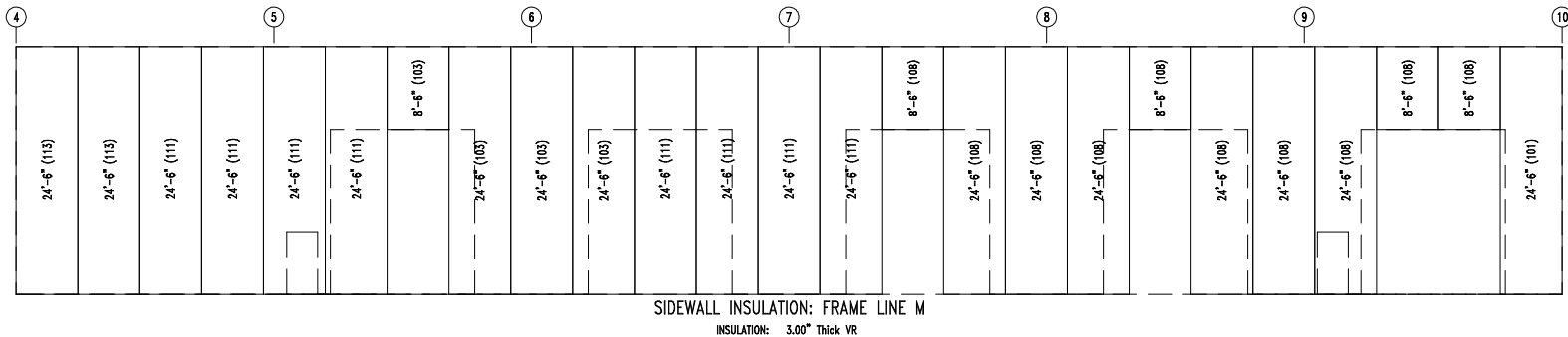
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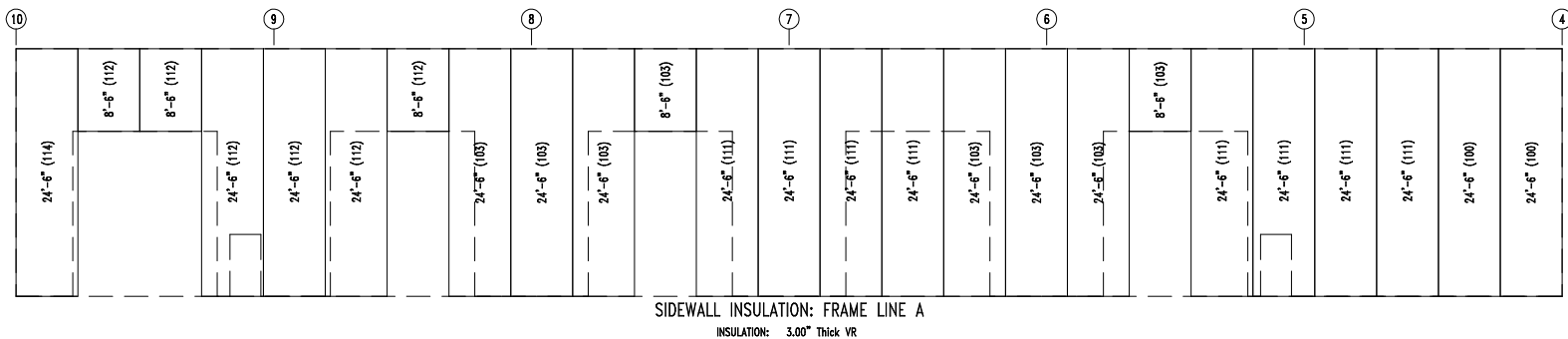
ENDWALL INSULATION: FRAME LINE 4
INSULATION: 3.00" Thick VR



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



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



SIDEWALL 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 #)



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

PROJECT
PB50683

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SHEET NAME/TITLE
WALL INSULATION

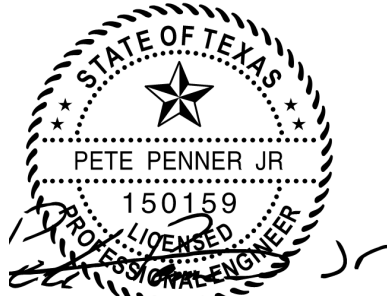
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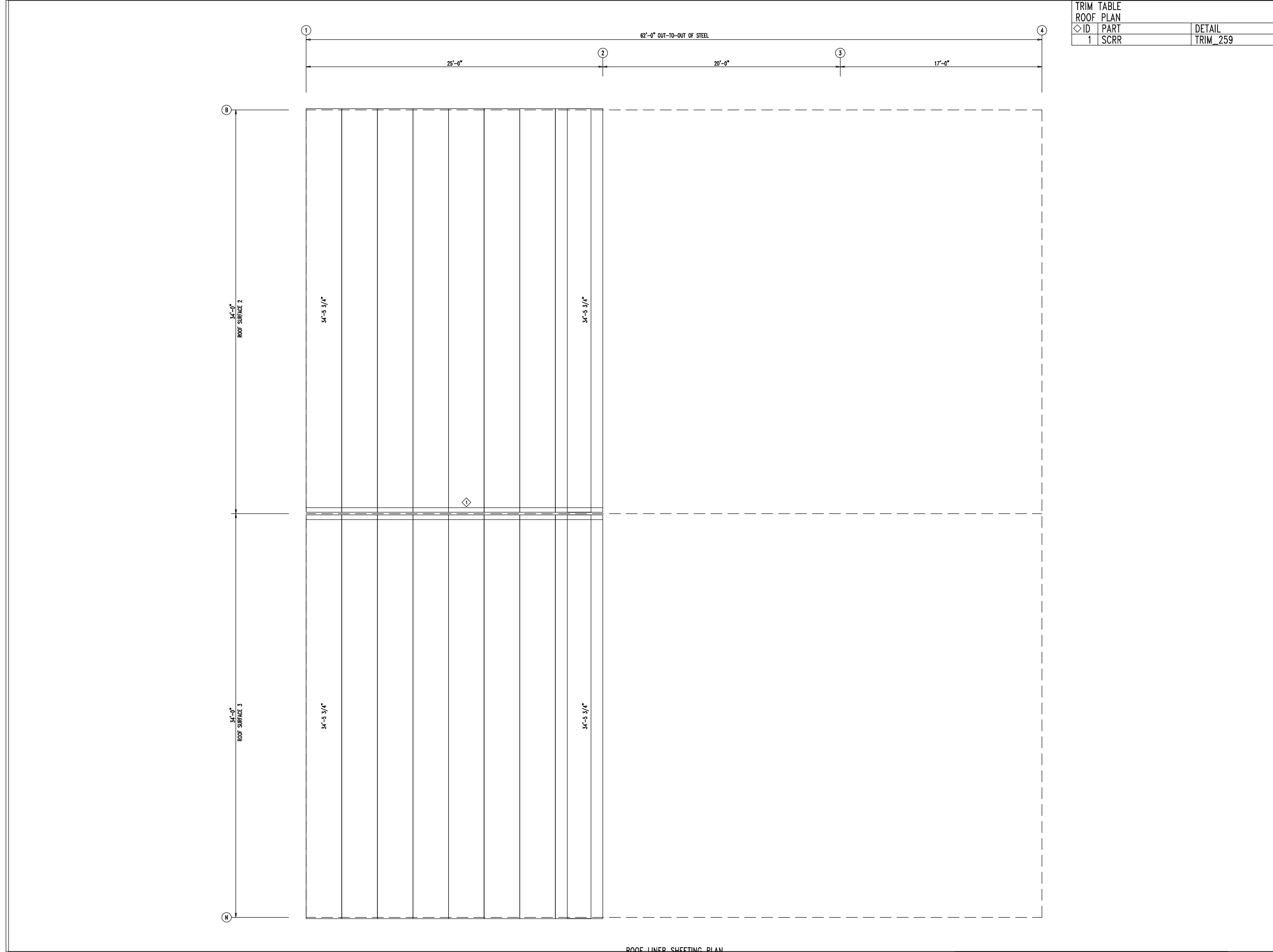
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SHEET NO.
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REV.
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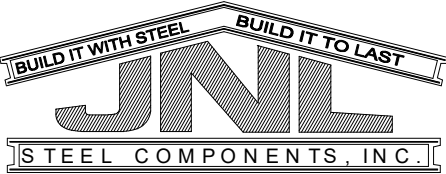
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NO.	NOTES	BY	DATE
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TRIM TABLE		DETAIL
◇ ID	PART	
1	SCRR	TRIM_259



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430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
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ODESSA, TX 79763

SHEET NAME/TITLE
ROOF LINER PANEL

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BN

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1/11/24

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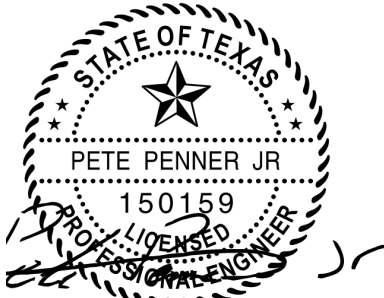
DATE
1/11/24

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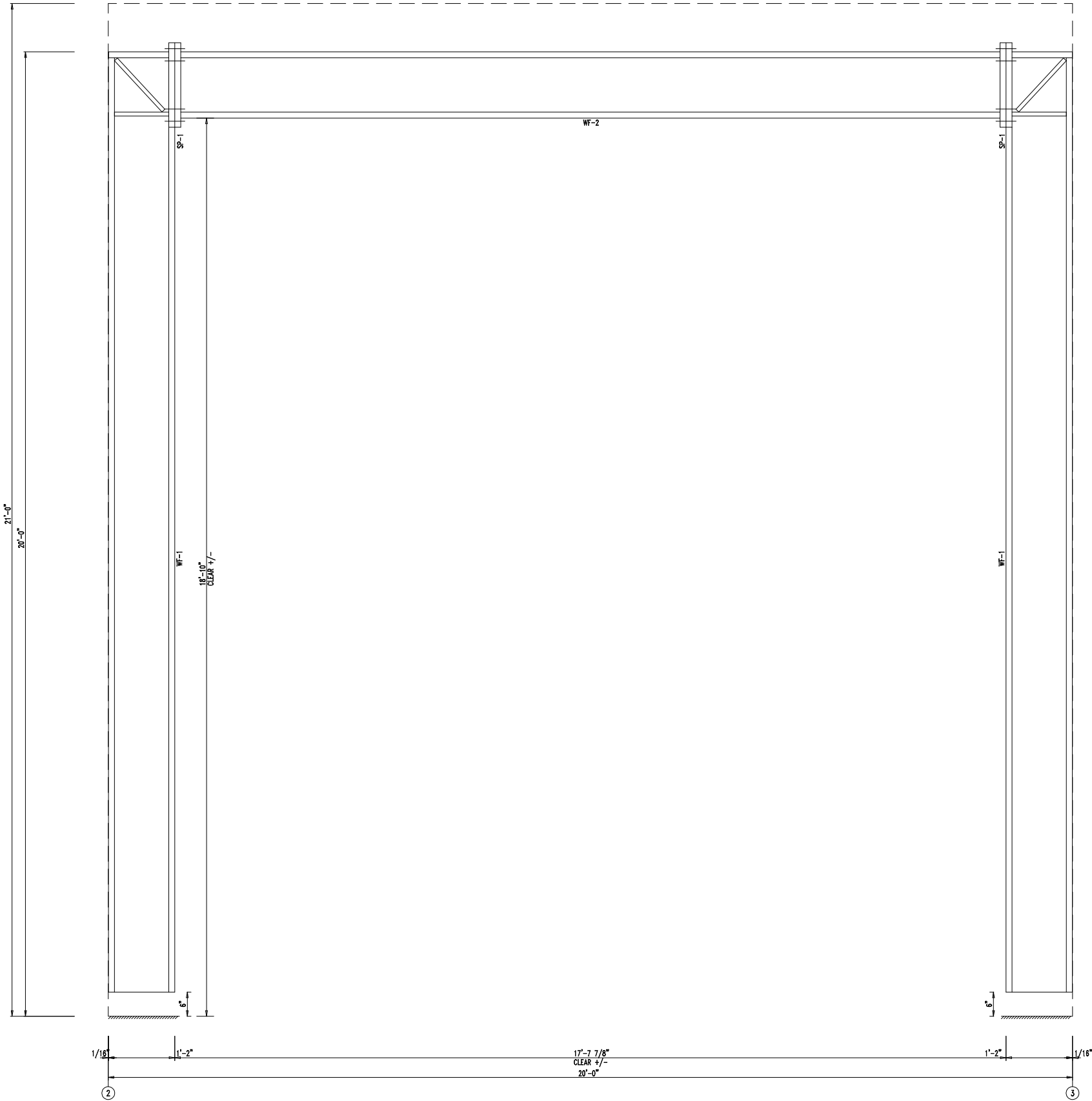
SHEET NO. REV. SCALE
E85 of 97- NTS

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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



WIND BENT ELEVATION: FRAME LINE N

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



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

CUSTOMER INFO

PROJECT
PB50683

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SHEET NAME/TITLE
WIND BENT ELEVATION

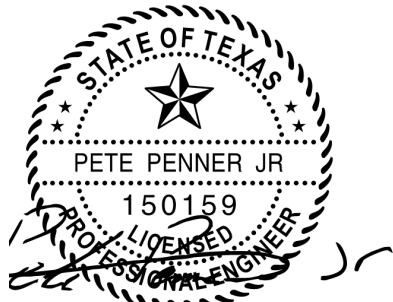
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SHEET NO. REV. SCALE
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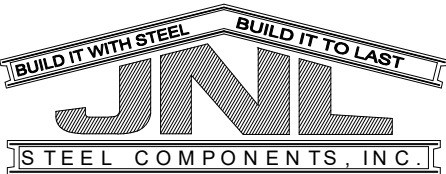
REVISIONS			
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F-24823
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SPLICE BOLTS					
Splice Mark	Quan		-----Bolt-----		
	Top/	Bot	Type	Dia	Length
SP-- 1	4	4	A325	0.750	2.50

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



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

CUSTOMER INFO

PROJECT
PB50683

RAE
ODESSA, TX 79763

SHEET NAME/TITLE
WIND BENT ELEVATION

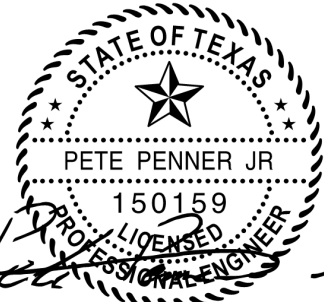
DRAWN BY BN DATE 1/11/24

CHECKED BY BN DATE 1/11/24

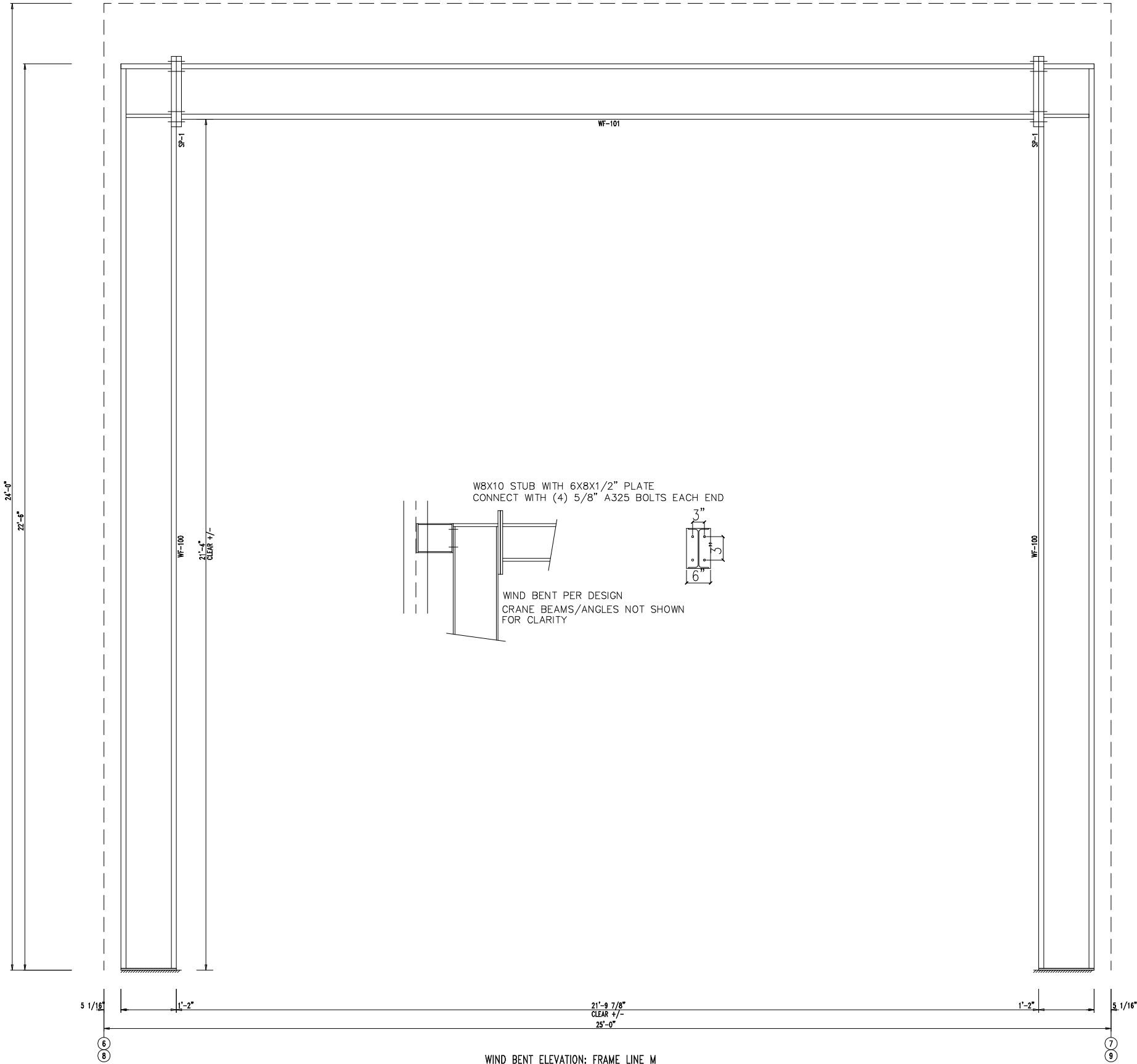
APPROVED BY . DATE 1/11/24

SHEET NO. REV. SCALE
E89 of 97-- NTS

REVISIONS			
NO.	NOTES	BY	DATE
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F-24823
SEALED 04/22/2024



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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WIND BENT ELEVATION

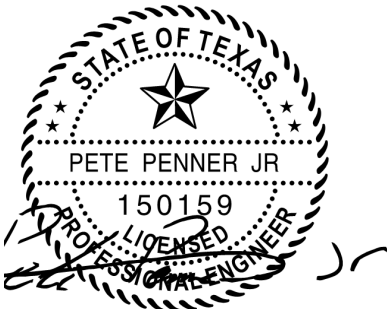
DRAWN BY BN DATE 1/11/24

CHECKED BY BN DATE 1/11/24

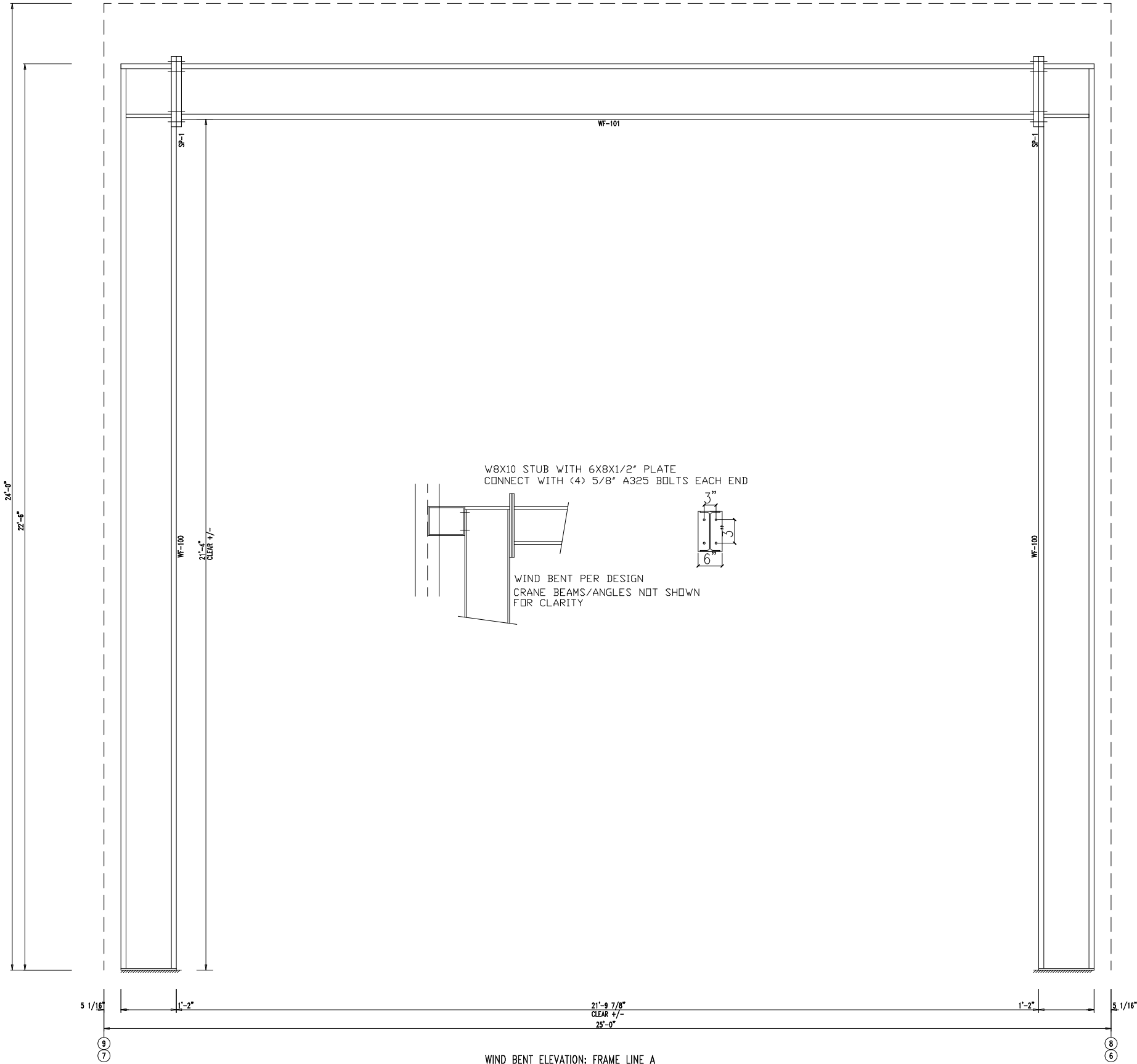
APPROVED BY DATE 1/11/24

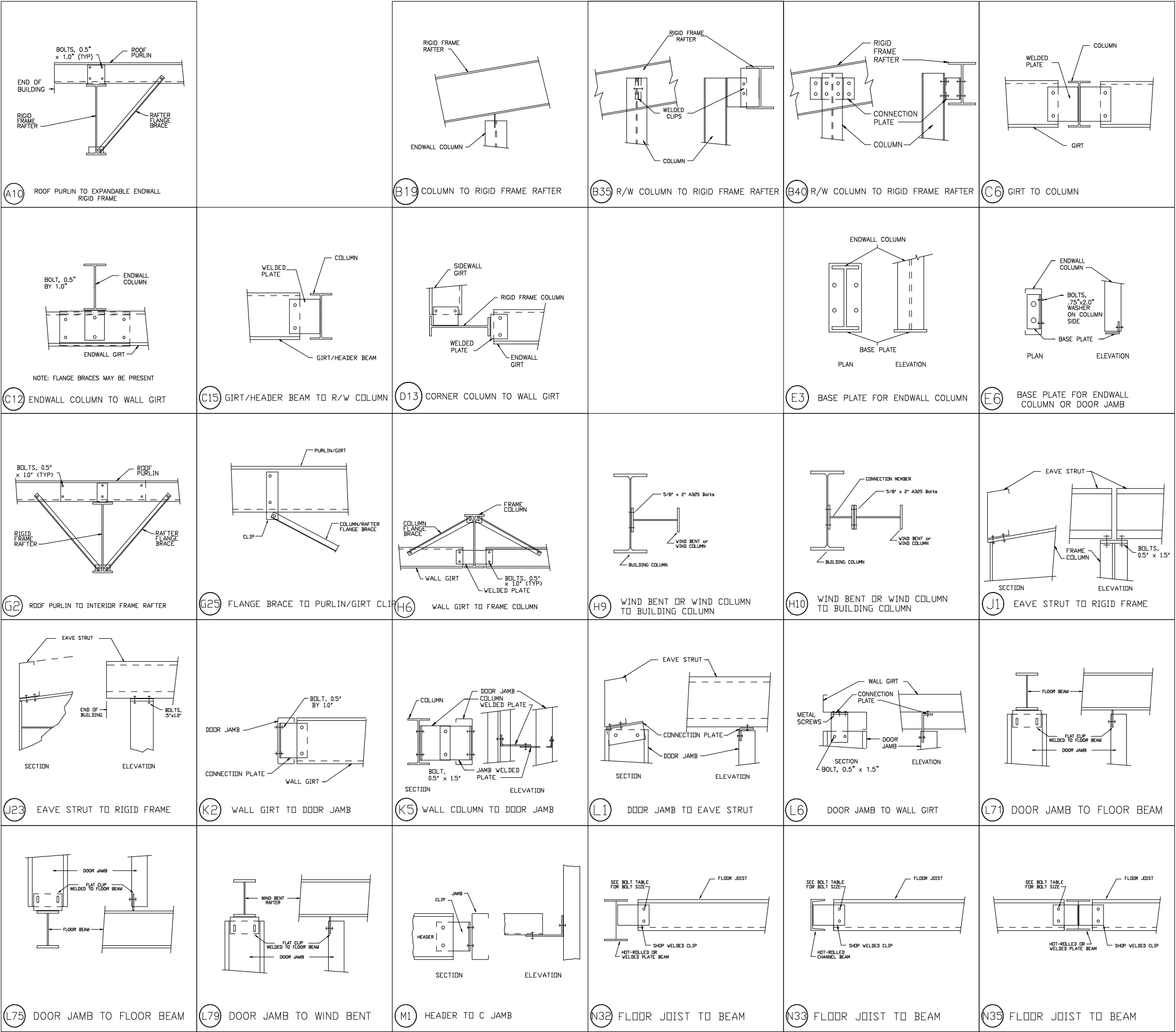
SHEET NO. REV. SCALE
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REVISIONS			
NO.	NOTES	BY	DATE
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F-24823
SEALED 04/22/2024





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

CUSTOMER INFO

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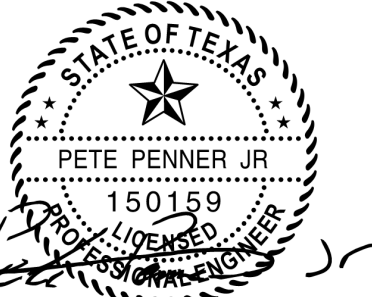
RAE

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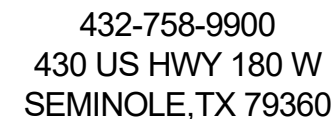
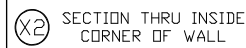
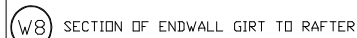
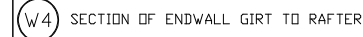
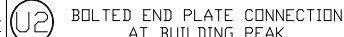
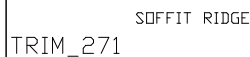
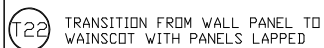
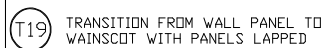
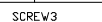
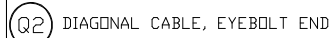
SHEET NAME/TITLE
DETAIL DRAWINGS

DRAWN BY BN	DATE 4/12/24
CHECKED BY BN	DATE 4/12/24
APPROVED BY	DATE 4/12/24
SHEET NO. E96 of 97-	REV. SCALE NTS

REVISIONS			
NO.	NOTES	BY	DATE
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F-24823
SEALED 04/22/2024



CUSTOMER INFO

PROJECT
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RAE

ODESSA, TX 79763

SHEET NAME/TITLE
DETAIL DRAWINGS

DRAWN BY BN	DATE 4/12/24
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CHECKED BY	DATE
JRN	4/12/24

APPROVED BY	DATE
	4/12/24

SHEET NO.	REV.	SCALE
E97 of 97-		NTS

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