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	= 106.00 mph
Wind Speed, Vasd	= 82.11 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 LOADING (Building Specific)

PROJECT:	DEAD (psf)	LIVE (psf)	Coll. (psf)	SNOW (psf)	SNOW DRIFT
A	2.000	20.00	0.5	3.5000	43.88 psf and 11.98 ft
B	2.000	20.00	0.5	3.5000	

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)

SEISMIC VALUES

	PROJECT	Ss	S1	Sds	Sd1	Cs (long.)	Cs (trans)	Long. SFRS	Trans. SFRS	R_long	R_trans
A		0.1129	0.0318	0.1195	0.0496	0.04	0.04	OSMF	OSCBF	3	3
B		0.1129	0.0318	0.1195	0.0496	0.04	0.04	OSCBF	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:
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.

☒ FOR CONSTRUCTION:
FINAL DRAWINGS.

DRAWING INDEX

PAGE ID	DESCRIPTION
C1 of 2	Drawing Cover
C2 of 2	General Notes
A1 - A4	Anchor Bolt Plan/Details
E1 - E2	Roof Framing/Sheeting
E3 - E6	Endwall Framing/Sheeting
E7 - E10	Sidewall Framing/Sheeting
E11 - E21	Rigid Frame Drawings
---	Partition Walls
E22 - E22	Crane Drawings
E23 - E23	Mezzanine Drawings
---	Jack Beams
---	Wall/Roof Insulation
---	Wall/Roof Liner Panels
---	Wind Brace
E24 - E25	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	Desert Sand
EAVE	Dark Bronze
RAKE	Dark Bronze
JAMB	Dark Bronze
CORNER	Dark Bronze
BASE	Dark Bronze
GUTTER	--

ADDITIONAL NOTES:

BUILD IT WITH STEEL
BUILD IT TO LAST
JNL
STEEL COMPONENTS, INC.

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

STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER
F-11775
MAR 23 2023

SALES PERSON: BOBBY NEUFELD

REV.	DATE	REVISION
△		
△		
△		
△		
△		

PURCHASER:

PROJECT: BASIN SOUTH #2 'SHERMAN'

JOB NUMBER: PB50454

JOB ADDRESS: W Basin St
ODESSA TEXAS 79706

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.

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.

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. 1/2 " ASTM A307 bolts are used for girt to frame, purlin to frame,and 2 all flange bracing connections unless noted. ASTM A325 are used everywhere else

Material Delivery

building. Sometimes, through un-forseen events, this cannot be possible. JNL does not accept responsibility for costs associated with the customer renting personell/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. JNL will not be liable if the erector pours slab with anchor bolts and the column location changes. This can sometimes happen to give a more optimized design. 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. Confirmation over email,phone, or in-person will not be accepted.

Material Specifications

Hot Rolled: A992 Gr. 55
HSS: ASTM A500 Gr. 46
Built up Webs: A36
Built up Flanges: A529 Gr. 55
Cold Formed: ASTM A1011 Gr. 55
Diagonal Bracing: Rod brace yield stress is 36 ksi
Steel cable is extra high strength per ASTM A475
Bolts: $\frac{1}{2}$" bolts conform to ASTM A307
Bolts larger than $\frac{1}{2}$" conform to ASTM A325

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.

BUILD IT WITH STEEL BUILD IT TO LAST
JNL
STEEL COMPONENTS, INC.
432-758-9900
430 US HWY 180 W
SEMINOLE,TX 79360

CUSTOMER INFO

PROJECT
PB50454
BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

SHEET NAME/TITLE
General Notes

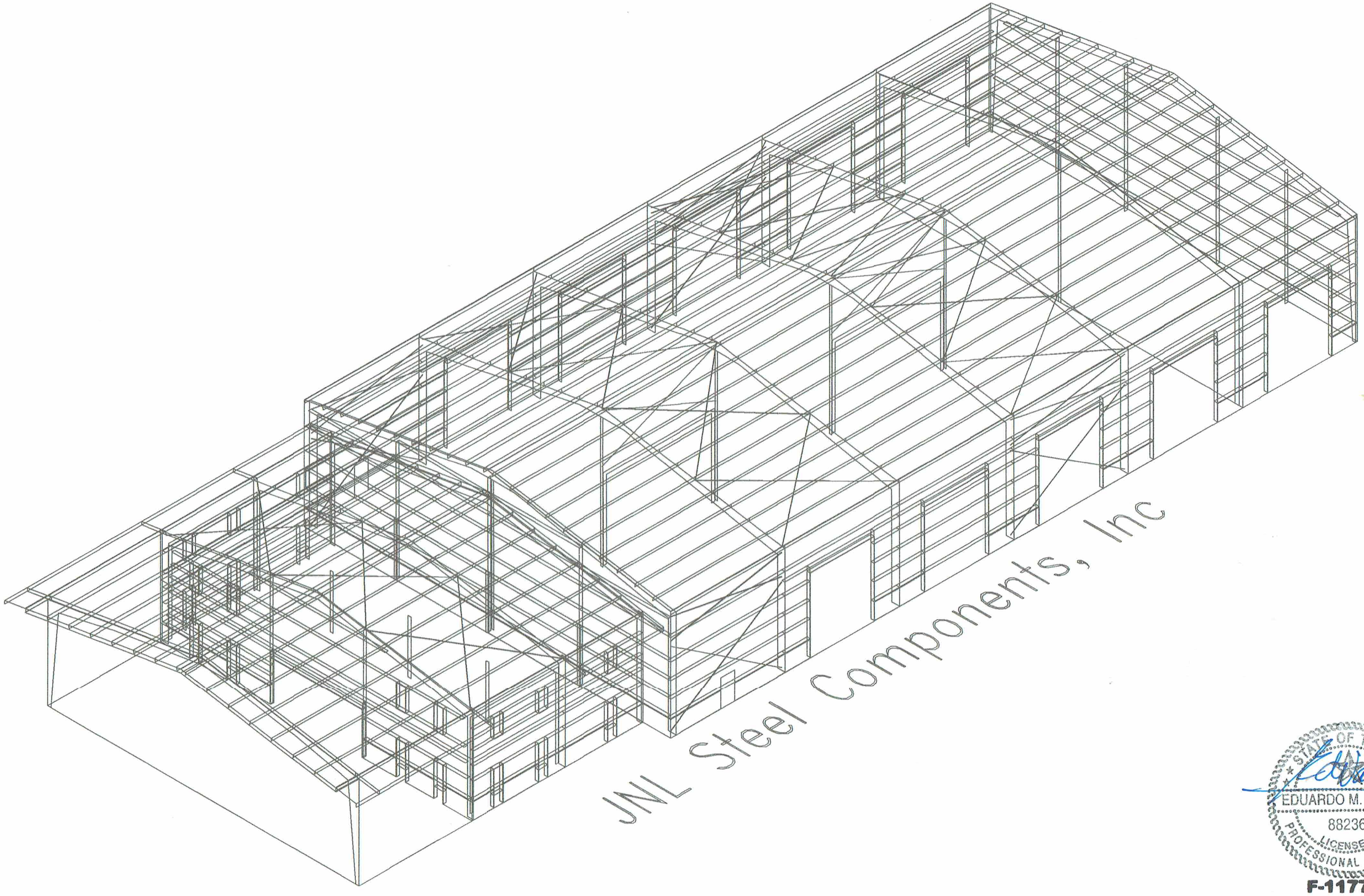
DRAWN BY: PP — DATE:
CHECKED BY — DATE:
APPROVED BY — DATE:

SHEET NO.: C2 of 2 — REV.: -- — SCALE: NTS

REVISIONS

NO.	NOTES	BY	DATE
--	--	--	00-00-00

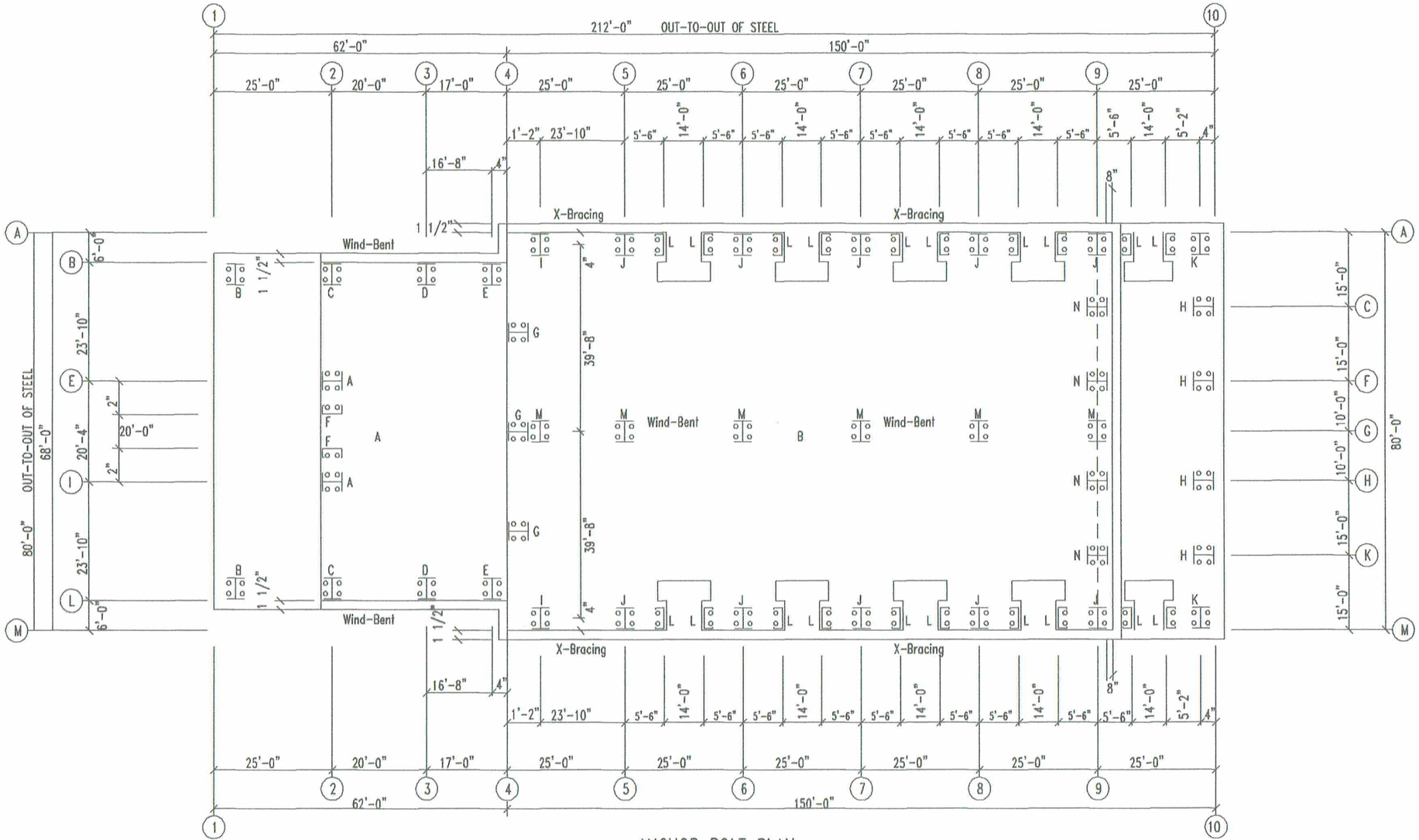
STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER
F-11779
MAR 23 2023



STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER

F-11779
MAR 2 3 2023

ALL COLUMNS TO BE AT FINISHED FLOOR HEIGHT



ANCHOR BOLT PLAN

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

JNL STEEL COMPONENTS, INC.
BUILD IT WITH STEEL BUILD IT TO LAST
432-758-9900
430 US HWY 180 W
SEMINOLE,TX 79360

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

SHEET NAME/TITLE
ANCHOR BOLT PLAN

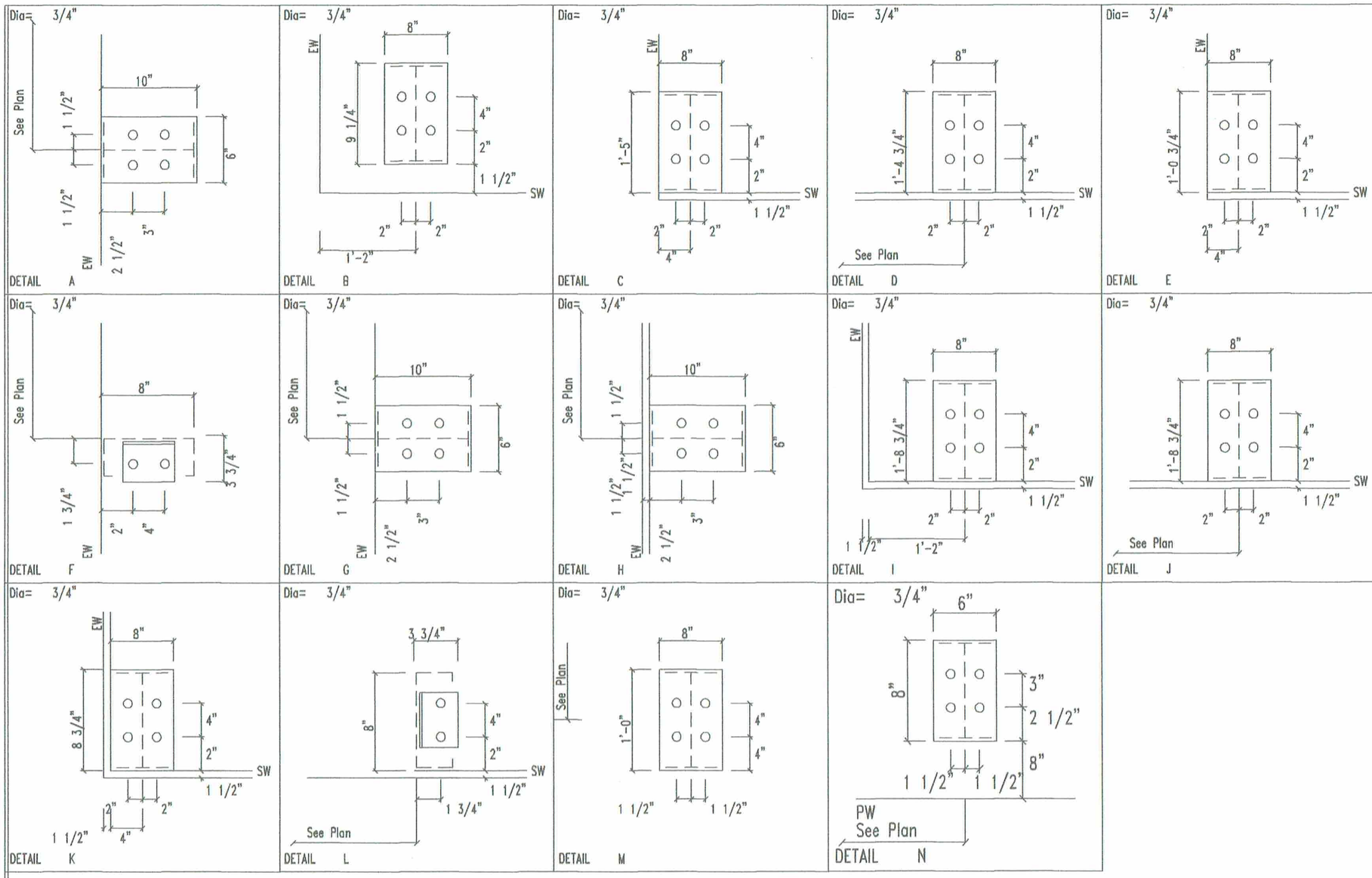
DRAWN BY	DATE
BN	5/27/22
CHECKED BY	DATE
BN	5/27/22
APPROVED BY	DATE
.	5/27/22

SHEET NO.	REV.	SCALE
PN	--	NTS

REVISIONS

NO.	NOTES	BY	DATE
--	--	--	00-00-00

STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER
F-11779
MAR 23 2023



BUILD IT WITH STEEL BUILD IT TO LAST

JNL STEEL COMPONENTS, INC.

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

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

SHEET NAME/TITLE
ANCHOR BOLT DETAILS

DRAWN BY	DATE
BN	5/27/22
CHECKED BY	DATE
BN	5/27/22
APPROVED BY	DATE
.	5/27/22

SHEET NO.	REV.	SCALE
PN	--	NTS

REVISIONS

NO.	NOTES	BY	DATE
--	--	--	00-00-00

STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER
F-11779
MAR 23 2023

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 Vert
2	E	2.0	1.3	17.9	-4.5	4.9	0.0
2	I	2.0	1.3	17.9	-4.5	4.9	0.0

ENDWALL COLUMN:

MAXIMUM REACTIONS

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin
2	E	14	3.0	1.2	15	-2.7	1.2
		9	0.0	21.3			
2	I	14	3.0	1.2	15	-2.7	1.2
		9	0.0	21.3			

NOTES FOR REACTIONS

1. All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
2. Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
3. Bracing reactions are in the plane of the brace with the H pointing away from the braced bay. The vertical reaction is downward.
4. 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/12)	=	2.0/ 2.0
Dead Load (psf)	=	2.0
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)	=	106.0
Wind Code	=	IBC 18
Exposure	=	C
Closed/Open	=	C
Importance Wind	=	1.00
Importance Seismic	=	1.00
Seismic Zone	=	A
Seismic Coeff (Fa*Sa)	=	0.18

5. Loading conditions are:

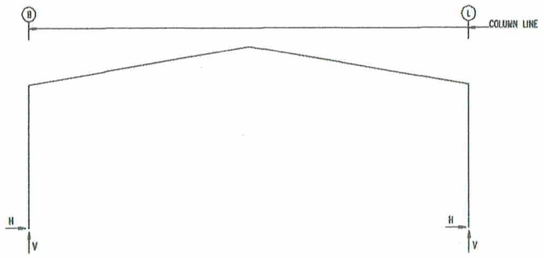
1 Dead+Collateral+Snow+Snow_Drift
2 Dead+Collateral+0.75Live+0.45Wind_Long2R
3 0.6Dead+0.6Wind_Left1
4 0.6Dead+0.6Wind_Right1
5 0.6Dead+0.6Wind_Left2
6 0.6Dead+0.6Wind_Right2
7 0.6Dead+0.6Wind_Long1L
8 0.6Dead+0.6Wind_Long2L
9 Dead+Collateral+Floor_Live
10 Dead+Collateral+0.75Live+0.75Floor_Live
11 Dead+Collateral+0.75Snow+0.75Snow_Drift+0.75Floor_Live
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

BUILDING BRACING REACTIONS

Wall Loc	Wall Line	Col Line	Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Panel Shear (lb/ft) Wind	Panel Shear (lb/ft) Seis	Note
			& Reactions(k)						
L_SW	1								(b)
F_SW	L	2,3	3.4	6.5	0.3	0.6			(b)
R_EW	4								(b)
B_SW	B	2,3	3.4	6.5	0.3	0.6			(b)

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

FRAME LINES: 1 2 3 4



RIGID FRAME:

MAXIMUM REACTIONS

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin
1	B	2	5.3	12.1	5	-3.9	-6.5
					6	-3.1	-8.2
1	L	6	3.9	-6.5	2	-5.3	12.1
		2	-5.3	12.1	5	3.1	-8.2

RIGID FRAME:

MAXIMUM REACTIONS

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin
2	B	4	4.4	-5.1	12	-3.0	14.9
		10	-2.2	21.3	3	-0.5	-9.0
2	L	13	3.0	14.9	3	-4.4	-5.1
		10	2.2	21.3	4	0.5	-9.0

RIGID FRAME:

MAXIMUM REACTIONS

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin
3	B	4	3.5	-3.1	12	-3.0	17.8
		10	-1.9	22.4	7	2.2	-8.1
3	L	13	3.0	17.8	3	-3.5	-3.1
		10	1.9	22.4	8	-2.2	-8.1

RIGID FRAME:

MAXIMUM REACTIONS

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin
4	B	4	1.7	-1.7	1	-2.2	10.9
		11	-1.7	13.0	3	-0.4	-3.7
4	L	1	2.2	10.9	3	-1.7	-1.7
		11	1.7	13.0	4	0.4	-3.7

RIGID FRAME:

BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead Horiz	Dead Vert	Collateral Horiz	Collateral Vert	Live Horiz	Live Vert	Snow Horiz	Snow Vert	Wind_Left1 Horiz	Wind_Left1 Vert	Wind_Right1 Horiz	Wind_Right1 Vert
1	B	1.0	2.6	0.2	0.4	3.8	9.0	1.1	2.4	-6.3	-16.1	-7.2	-13.5
1	L	-1.0	2.6	-0.2	0.4	-3.8	9.0	-1.1	2.4	7.2	-13.5	6.3	-16.1

Frame Line	Column Line	Wind_Left2 Horiz	Wind_Left2 Vert	Wind_Right2 Horiz	Wind_Right2 Vert	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert	Seismic_Left Horiz	Seismic_Left Vert	Seismic_Right Horiz	Seismic_Right Vert
1	B	-7.5	-13.5	6.2	-16.3	6.7	-12.6	2.8	5.3	-0.1	-0.1	0.1	0.1
1	L	6.2	-16.3	7.5	-13.5	6.7	-12.6	-2.8	5.3	-0.1	0.1	0.1	-0.1

Frame Line	Column Line	WIN_SNOW Horiz	WIN_SNOW Vert	F1UNB_SL_L Horiz	F1UNB_SL_L Vert	F1UNB_SL_R Horiz	F1UNB_SL_R Vert
1	B	1.6	3.5	1.3	2.8	1.3	1.7
1	L	-1.6	3.5	-1.3	1.7	-1.3	2.8

Frame Line	Column Line	Dead Horiz	Dead Vert	Collateral Horiz	Collateral Vert	Live Horiz	Live Vert	Floor Horiz	Floor Vert	Snow Horiz	Snow Vert	Wind_Left1 Horiz	Wind_Left1 Vert
2	B	-0.5	3.9	-0.1	1.2	-2.4	11.0	0.2	10.6	-0.7	3.0	-0.4	-18.8
2	L	0.5	3.9	0.1	1.2	2.4	11.0	-0.2	10.6	0.7	3.0	-7.8	-12.3

Frame Line	Column Line	Wind_Right1 Horiz	Wind_Right1 Vert	Wind_Left2 Horiz	Wind_Left2 Vert	Wind_Right2 Horiz	Wind_Right2 Vert	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert	Seismic_Left Horiz	Seismic_Left Vert
2	B	7.8	-12.3	-1.7	-14.5	6.4	-12.2	3.8	-18.7	3.4	-17.8	-0.3	-0.2
2	L	0.4	-18.8	-6.4	-12.2	1.7	-14.5	-3.4	-17.8	-3.8	-18.7	-0.3	0.2

Frame Line	Column Line	Seismic_Right Horiz	Seismic_Right Vert	Seismic_Long Horiz	Seismic_Long Vert	WIN_SNOW Horiz	WIN_SNOW Vert	F2UNB_SL_L Horiz	F2UNB_SL_L Vert	F2UNB_SL_R Horiz	F2UNB_SL_R Vert
2	B	0.3	0.2	0.0	-0.6	-1.0	4.2	-0.9	3.4	-0.9	2.0
2	L	0.3	-0.2	0.0	-0.6	1.0	4.2	0.9	2.8	0.9	3.4

Frame Line	Column Line	Dead Horiz	Dead Vert	Collateral Horiz	Collateral Vert	Live Horiz	Live Vert	Floor Horiz	Floor Vert	Snow Horiz	Snow Vert	Snow_Drift Horiz	Snow_Drift Vert
3	B	-0.5	3.7	-0.1	1.4	-2.1	9.1	0.3	13.9	-0.6	2.5	-0.6	2.0
3	L	0.5	3.7	0.1	1.4	2.1	9.1	-0.3	13.9	0.6	2.5	0.6	2.0

Frame Line	Column Line	Wind_Left1 Horiz	Wind_Left1 Vert	Wind_Right1 Horiz	Wind_Right1 Vert	Wind_Left2 Horiz	Wind_Left2 Vert	Wind_Right2 Horiz	Wind_Right2 Vert	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert
3	B	-0.4	-14.8	0.4	-8.9	-2.3	-10.3	4.4	-4.4	4.2	-17.3	3.4	-15.3
3	L	-0.4	-8.9	0.4	-14.8	-4.4	-4.4	2.3	-10.3	-3.4	-15.3	-4.2	-17.2

Frame Line	Column Line	Seismic_Left Horiz	Seismic_Left Vert	Seismic_Right Horiz	Seismic_Right Vert	Seismic_Long Horiz	Seismic_Long Vert	WIN_SNOW Horiz	WIN_SNOW Vert	F3UNB_SL_L Horiz	F3UNB_SL_L Vert	F3UNB_SL_R Horiz	F3UNB_SL_R Vert
3	B	-0.4	-0.2	0.4	0.2	0.0	-0.6	-0.9	3.5	-0.8	2.8	-0.8	1.7
3	L	-0.4	0.2	0.4	-0.2	0.0	-0.6	0.9	3.5	0.8	1.7	0.8	2.8

Frame Line	Column Line	Dead Horiz	Dead Vert	Collateral Horiz	Collateral Vert	Live Horiz	Live Vert	Floor Horiz	Floor Vert	Snow Horiz	Snow Vert	Snow_Drift Horiz	Snow_Drift Vert
4	B	-0.3	2.2	0.0	0.6	-0.8	4.4	0.1	5.5	-0.2	1.2	-1.7	7.0
4	L	0.3	2.2	0.0	0.6	0.8	4.4	-0.1	5.5	0.2	1.2	1.7	7.0

Frame Line	Column Line	Wind_Left1 Horiz	Wind_Left1 Vert	Wind_Right1 Horiz	Wind_Right1 Vert	Wind_Left2 Horiz	Wind_Left2 Vert	Wind_Right2 Horiz	Wind_Right2 Vert	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert
4	B	-0.4	-8.3	3.1	-5.0	-1.1	-6.2	2.4	-2.9	2.0	-6.1	1.5	-4.9
4	L	-3.1	-5.0	0.4	-8.3	-2.4	-2.9	1.1	-6.2	-1.5	-4.9	-2.0	-6.1

Frame Line	Column Line	Seismic_Left Horiz	Seismic_Left Vert	Seismic_Right Horiz	Seismic_Right Vert	WIN_SNOW Horiz	WIN_SNOW Vert	F4UNB_SL_L Horiz	F4UNB_SL_L Vert	F4UNB_SL_R Horiz	F4UNB_SL_R Vert
4	B	-0.3	-0.1	0.3	0.1	-0.3	1.7	-0.3	1.4	-0.3	0.8
4	L	-0.3	0.1	0.3	-0.1	0.3	1.7	0.3	0.8	0.3	1.4

ANCHOR BOLT SUMMARY

	Qty	Locate	Dia (in)	Type	Proj (in)
O	4	Jamb	3/4"	A307	2.50
O	8	Endwall	3/4"	A307	2.50
O	32	Frame	3/4"	A307	2.50

BUILD IT WITH STEEL BUILD IT TO LAST
JNL STEEL COMPONENTS, INC.
432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

SHEET NAME/TITLE
ANCHOR BOLT REACTIONS

DRAWN BY BN	DATE 5/27/22
CHECKED BY BN	DATE 5/27/22
APPROVED BY	DATE 5/27/22
SHEET NO. A3 of 4	REV. --
SCALE NTS	

REVISIONS

NO.	NOTES	BY	DATE
--	--	--	00-00-00

STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER
F-11779
MAR 23 2023

BUILDING BRACING REACTIONS

Wall Loc	Wall Line	Col Line	± Reactions(k) Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Panel_Shear (lb/ft) Wind	Seis	Note
L_EW	4								(h)
F_SW	M	4,5	2.4	2.2	0.4	0.4			
		7,8	2.4	2.1	0.4	0.4			
R_EW	10								(h)
B_SW	A	8,7	2.4	2.1	0.4	0.4			
		5,4	2.4	2.2	0.4	0.4			
INT	G	5,6	2.0	3.2	0.3	0.5			(d)
	G	7,8	2.0	3.2	0.3	0.5			(d)

(d)X-Bracing above wind bent, base above finish floor
(h)Rigid frame at endwall

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead Horiz	Dead Vert	Collateral Horiz	Collateral Vert	Live Horiz	Live Vert	Snow Horiz	Snow Vert	Wind_Left1 Horiz	Wind_Left1 Vert	Wind_Right1 Horiz	Wind_Right1 Vert
4	A	0.2	1.3	0.0	0.1	0.6	3.1	0.2	0.9	-3.8	-7.4	2.2	-3.2
4	M	-0.2	1.3	0.0	0.1	-0.6	3.1	-0.2	0.9	-2.2	-3.2	3.8	-7.4
4	G	0.0	2.4	0.0	0.3	0.0	6.4	0.0	1.9	-0.3	-10.1	0.3	-10.1

Frame Line	Column Line	Wind_Left2 Horiz	Wind_Left2 Vert	Wind_Right2 Horiz	Wind_Right2 Vert	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert	Seismic_Left Horiz	Seismic_Left Vert	Seismic_Right Horiz	Seismic_Right Vert
4	A	-4.4	-5.1	1.6	-0.9	0.9	-11.3	0.5	-9.1	-0.4	-0.3	0.4	0.3
4	M	-1.6	-0.9	4.4	-5.1	-0.5	-9.1	-0.9	-11.3	-0.4	0.3	0.4	-0.3
4	G	-0.3	-6.9	0.3	-6.9	0.5	-8.8	-0.5	-8.8	-0.2	0.0	0.2	0.0

Frame Line	Column Line	Seismic_Long Horiz	Seismic_Long Vert	MIN_SNOW Horiz	MIN_SNOW Vert	F1CRANEA1 Horiz	F1CRANEA1 Vert	F1CRANEA2 Horiz	F1CRANEA2 Vert	F1CRANEA3 Horiz	F1CRANEA3 Vert	F1CRANEA4 Horiz	F1CRANEA4 Vert
4	A	0.0	-0.8	0.3	1.3	-0.4	18.1	1.6	19.4	0.0	3.4	2.1	4.7
4	M	0.0	-0.8	-0.3	1.3	-2.1	4.7	0.0	3.4	-1.6	19.4	0.4	18.1
4	G	0.0	0.0	0.0	2.7	-0.4	22.5	1.2	22.5	-1.2	22.5	0.4	22.5

Frame Line	Column Line	F1CRANEA5 Horiz	F1CRANEA5 Vert	F1CRANEA6 Horiz	F1CRANEA6 Vert	F1PAT_LL_1 Horiz	F1PAT_LL_1 Vert	F1PAT_LL_2 Horiz	F1PAT_LL_2 Vert	F1UNB_SL_L Horiz	F1UNB_SL_L Vert	F1UNB_SL_R Horiz	F1UNB_SL_R Vert
4	A	-0.8	2.7	1.3	4.0	0.5	3.1	0.1	-0.1	0.2	1.0	0.1	0.2
4	M	-1.3	4.0	0.8	2.7	-0.1	-0.1	-0.5	3.1	-0.1	0.2	-0.2	1.0
4	G	-0.8	38.5	0.8	38.5	-0.4	3.2	0.4	3.2	-0.1	2.2	0.1	2.2

Frame Line	Column Line	Dead Horiz	Dead Vert	Collateral Horiz	Collateral Vert	Live Horiz	Live Vert	Snow Horiz	Snow Vert	Wind_Left1 Horiz	Wind_Left1 Vert	Wind_Right1 Horiz	Wind_Right1 Vert
5	A	0.3	1.8	0.1	0.2	1.2	5.9	0.4	1.7	-6.1	-11.6	4.1	-5.2
5	M	-0.3	1.8	-0.1	0.2	-1.2	5.9	-0.4	1.7	-4.1	-5.2	6.1	-11.6
5	G	0.0	3.3	0.0	0.5	0.0	12.3	0.0	3.6	-0.6	-15.5	0.6	-15.5

Frame Line	Column Line	Wind_Left2 Horiz	Wind_Left2 Vert	Wind_Right2 Horiz	Wind_Right2 Vert	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert	Seismic_Left Horiz	Seismic_Left Vert	Seismic_Right Horiz	Seismic_Right Vert
5	A	-7.4	-7.1	2.8	-0.7	1.9	-15.0	1.3	-12.0	-0.5	-0.3	0.5	0.3
5	M	-2.8	-0.7	7.4	-7.1	-1.3	-12.0	-1.9	-15.0	-0.5	0.3	0.5	-0.3
5	G	-0.6	-9.7	0.6	-9.7	0.7	-15.6	-0.7	-15.6	-0.2	0.0	0.2	0.0

Frame Line	Column Line	Seismic_Long Horiz	Seismic_Long Vert	MIN_SNOW Horiz	MIN_SNOW Vert	F2CRANEA1 Horiz	F2CRANEA1 Vert	F2CRANEA2 Horiz	F2CRANEA2 Vert	F2CRANEA3 Horiz	F2CRANEA3 Vert	F2CRANEA4 Horiz	F2CRANEA4 Vert
5	A	0.0	-0.8	0.5	2.4	-0.4	19.1	1.7	20.4	0.0	4.2	2.1	5.5
5	M	0.0	-0.8	-0.5	2.4	-2.1	5.5	0.0	4.2	-1.7	20.4	0.4	19.1
5	G	0.0	-0.3	0.0	5.1	-0.4	24.3	1.2	24.3	-1.2	24.3	0.4	24.3

Frame Line	Column Line	F2CRANEA5 Horiz	F2CRANEA5 Vert	F2CRANEA6 Horiz	F2CRANEA6 Vert	F2PAT_LL_1 Horiz	F2PAT_LL_1 Vert	F2PAT_LL_2 Horiz	F2PAT_LL_2 Vert	F2UNB_SL_L Horiz	F2UNB_SL_L Vert	F2UNB_SL_R Horiz	F2UNB_SL_R Vert
5	A	-0.7	3.6	1.4	4.9	0.9	6.0	0.3	-0.1	0.4	1.9	0.1	0.4
5	M	-1.4	4.9	0.7	3.6	-0.3	-0.1	-0.9	6.0	-0.1	0.4	-0.4	1.9
5	G	-0.8	40.4	0.8	40.4	-0.7	6.1	0.7	6.1	-0.2	4.1	0.2	4.1

Frame Line	Column Line	Dead Horiz	Dead Vert	Collateral Horiz	Collateral Vert	Live Horiz	Live Vert	Snow Horiz	Snow Vert	Wind_Left1 Horiz	Wind_Left1 Vert	Wind_Right1 Horiz	Wind_Right1 Vert
6	A	0.3	1.8	0.1	0.2	1.2	5.9	0.3	1.7	-5.8	-10.8	4.4	-4.8
6	M	-0.3	1.8	-0.1	0.2	-1.2	5.9	-0.3	1.7	-4.4	-4.8	5.8	-10.8
6	G	0.0	3.4	0.0	0.5	0.0	12.3	0.0	3.6	-0.7	-14.2	0.7	-14.2

Frame Line	Column Line	Wind_Left2 Horiz	Wind_Left2 Vert	Wind_Right2 Horiz	Wind_Right2 Vert	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert	Seismic_Left Horiz	Seismic_Left Vert	Seismic_Right Horiz	Seismic_Right Vert
6	A	-7.3	-6.2	2.9	-0.2	1.9	-9.9	1.4	-7.3	-0.5	-0.3	0.5	0.3
6	M	-2.9	-0.2	7.3	-6.2	-1.4	-7.3	-1.9	-9.9	-0.5	0.3	0.5	-0.3
6	G	-0.7	-8.5	0.7	-8.5	0.6	-14.4	-0.6	-14.4	-0.2	0.0	0.2	0.0

Frame Line	Column Line	Seismic_Long Horiz	Seismic_Long Vert	MIN_SNOW Horiz	MIN_SNOW Vert	F3CRANEA1 Horiz	F3CRANEA1 Vert	F3CRANEA2 Horiz	F3CRANEA2 Vert	F3CRANEA3 Horiz	F3CRANEA3 Vert	F3CRANEA4 Horiz	F3CRANEA4 Vert
6	A	0.0	0.0	0.5	2.4	-0.4	19.1	1.7	20.4	0.0	4.2	2.2	5.6
6	M	0.0	0.0	-0.5	2.4	-2.2	5.6	0.0	4.2	-1.7	20.4	0.4	19.1
6	G	0.0	-0.3	0.0	5.1	-0.4	24.4	1.2	24.4	-1.2	24.4	0.4	24.4

Frame Line	Column Line	F3CRANEA5 Horiz	F3CRANEA5 Vert	F3CRANEA6 Horiz	F3CRANEA6 Vert	F3PAT_LL_1 Horiz	F3PAT_LL_1 Vert	F3PAT_LL_2 Horiz	F3PAT_LL_2 Vert	F3UNB_SL_L Horiz	F3UNB_SL_L Vert	F3UNB_SL_R Horiz	F3UNB_SL_R Vert
6	A	-0.7	3.6	1.4	4.9	0.9	6.0	0.3	-0.1	0.3	1.9	0.1	0.4
6	M	-1.4	4.9	0.7	3.6	-0.3	-0.1	-0.9	6.0	-0.1	0.4	-0.3	1.9
6	G	-0.8	40.5	0.8	40.5	-0.6	6.1	0.6	6.1	-0.2	4.1	0.2	4.1

Frame Line	Column Line	Dead Horiz	Dead Vert	Collateral Horiz	Collateral Vert	Live Horiz	Live Vert	Snow Horiz	Snow Vert	Wind_Left1 Horiz	Wind_Left1 Vert	Wind_Right1 Horiz	Wind_Right1 Vert
7	A	0.3	1.8	0.1	0.2	1.2	5.9	0.3	1.7	-5.8	-10.8	4.4	-4.8
7	M	-0.3	1.8	-0.1	0.2	-1.2	5.9	-0.3	1.7	-4.4	-4.8	5.8	-10.8
7	G	0.0	3.4	0.0	0.5	0.0	12.3	0.0	3.6	-0.7	-14.2	0.7	-14.2

Frame Line	Column Line	Wind_Left2 Horiz	Wind_Left2 Vert	Wind_Right2 Horiz	Wind_Right2 Vert	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert	Seismic_Left Horiz	Seismic_Left Vert	Seismic_Right Horiz	Seismic_Right Vert
7	A	-7.3	-6.2	2.9	-0.2	1.9	-9.9	1.4	-7.3	-0.5	-0.3	0.5	0.3
7	M	-2.9	-0.2	7.3	-6.2	-1.4	-7.3	-1.9	-9.9	-0.5	0.3	0.5	-0.3
7	G	-0.7	-8.5	0.7	-8.5	0.6	-14.4	-0.6	-14.4	-0.2	0.0	0.2	0.0

Frame Line	Column Line	Seismic_Long Horiz	Seismic_Long Vert	MIN_SNOW Horiz	MIN_SNOW Vert	F4CRANEA1 Horiz	F4CRANEA1 Vert	F4CRANEA2 Horiz	F4CRANEA2 Vert	F4CRANEA3 Horiz	F4CRANEA3 Vert	F4CRANEA4 Horiz	F4CRANEA4 Vert
7	A	0.0	0.0	0.5	2.4	-0.4	19.1	1.7	20.4	0.0	4.2	2.2	5.6
7	M	0.0	0.0	-0.5	2.4	-2.2	5.6	0.0	4.2	-1.7	20.4	0.4	19.1
7	G	0.0	-0.3	0.0	5.1	-0.4	24.4	1.2	24.4	-1.2	24.4	0.4	24.4

Frame Line	Column Line	F4CRANEA5 Horiz	F4CRANEA5 Vert	F4CRANEA6 Horiz	F4CRANEA6 Vert	F4PAT_LL_1 Horiz	F4PAT_LL_1 Vert	F4PAT_LL_2 Horiz	F4PAT_LL_2 Vert	F4UNB_SL_L Horiz	F4UNB_SL_L Vert	F4UNB_SL_R Horiz	F4UNB_SL_R Vert
7	A	-0.7	3.6	1.4	4.9	0.9	6.0	0.3	-0.1	0.3	1.9	0.1	0.4
7	M	-1.4	4.9	0.7	3.6	-0.3	-0.1	-0.9	6.0	-0.1	0.4	-0.3	1.9
7	G	-0.8	40.5	0.8	40.5	-0.6	6.1	0.6	6.1	-0.2	4.1	0.2	4.1

Frame Line	Column Line	Dead Horiz	Dead Vert	Collateral Horiz	Collateral Vert	Live Horiz	Live Vert	Snow Horiz	Snow Vert	Wind_Left1 Horiz	Wind_Left1 Vert	Wind_Right1 Horiz	Wind_Right1 Vert
8	A	0.3	1.8	0.1	0.2	1.2	5.9	0.3	1.7	-5.8	-10.8	4.4	-4.8
8	M	-0.3	1.8	-0.1	0.2	-1.2	5.9	-0.3	1.7	-4.4	-4.8	5.8	-10.8
8	G	0.0	3.4	0.0	0.5	0.0	12.3	0.0	3.6	-0.7	-14.2	0.7	-14.2

Frame Line	Column Line	Wind_Left2 Horiz	Wind_Left2 Vert	Wind_Right2 Horiz	Wind_Right2 Vert	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert	Seismic_Left Horiz	Seismic_Left Vert	Seismic_Right Horiz	Seismic_Right Vert
8	A	-7.3	-6.2	2.9	-0.2	1.9	-9.9	1.4	-7.3	-0.5	-0.3	0.5	0.3
8	M	-2.9	-0.2	7.3	-6.2	-1.4	-7.3	-1.9	-9.9	-0.5	0.3	0.5	-0.3
8	G	-0.7	-8.5	0.7	-8.5	0.6	-14.4	-0.6	-14.4	-0.2	0.0	0.2	0.0

Frame Line	Column Line	Seismic_Long Horiz	Seismic_Long Vert	MIN_SNOW Horiz	MIN_SNOW Vert	F5CRANEA1 Horiz	F5CRANEA1 Vert	F5CRANEA2 Horiz	F5CRANEA2 Vert	F5CRANEA3 Horiz	F5CRANEA3 Vert	F5CRANEA4 Horiz	F5CRANEA4 Vert
8	A	0.0	0.0	0.5	2.4	-0.4	19.1	1.7	20.4	0.0	4.2	2.2	5.6
8	M	0.0	0.0	-0.5	2.4	-2.2	5.6	0.0	4.2	-1.7	20.4	0.4	19.1
8	G	0.0	-0.3	0.0	5.1	-0.4	24.4	1.2	24.4	-1.2	24.4	0.4	24.4

Frame Line	Column Line	F5CRANEA5 Horiz	F5CRANEA5 Vert	F5CRANEA6 Horiz	F5CRANEA6 Vert	F5PAT_LL_1 Horiz	F5PAT_LL_1 Vert	F5PAT_LL_2 Horiz	F5PAT_LL_2 Vert	F5UNB_SL_L Horiz	F5UNB_SL_L Vert	F5UNB_SL_R Horiz	F5UNB_SL_R Vert
8	A	-0.7	3.6	1.4	4.9	0.9	6.0	0.3	-0.1	0.3	1.9	0.1	0.4
8	M	-1.4	4.9	0.7	3.6	-0.3	-0.1	-0.9	6.0	-0.1	0.4	-0.3	1.9
8	G	-0.8	40.5	0.8	40.5	-0.6	6.1	0.6	6.1	-0.2	4.1	0.2	4.1

Frame Line	Column Line	Dead Horiz	Dead Vert	Collateral Horiz	Collateral Vert	Live Horiz	Live Vert	Snow Horiz	Snow Vert	Wind_Left1 Horiz	Wind_Left1 Vert	Wind_Right1 Horiz	Wind_Right1 Vert
9	A	0.3	1.8	0.1	0.2	1.2	5.9	0.4	1.7	-6.1	-11.6	4.1	-5.2
9	M	-0.3	1.8	-0.1	0.2	-1.2	5.9	-0.4	1.7	-4.1	-5.2	6.1	-11.6
9	G	0.0	3.3	0.0	0.5	0.0	12.3	0.0	3.6	-0.6	-15.5	0.6	-15.5

Frame Line	Column Line	Wind_Left2 Horiz	Wind_Left2 Vert	Wind_Right2 Horiz	Wind_Right2 Vert	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert	Seismic_Left Horiz	Seismic_Left Vert	Seismic_Right Horiz	Seismic_Right Vert
9	A	-7.4	-7.1	2.8	-0.7	1.9	-10.6	1.3	-7.6	-0.4	-0.3	0.4	0.3
9	M	-2.8	-0.7	7.4	-7.1	-1.3	-7.6	-1.9	-10.6	-0.4	0.3	0.4	-0.3
9	G	-0.6	-9.7	0.6	-9.7	0.7	-13.3	-0.7	-13.3	-0.2	0.0	0.2	0.0

Frame Line	Column Line	MIN_SNOW Horiz	MIN_SNOW Vert	F6CRANEA1 Horiz	F6CRANEA1 Vert	F6CRANEA2 Horiz	F6CRANEA2 Vert	F6CRANEA3 Horiz	F6CRANEA3 Vert	F6CRANEA4 Horiz	F6CRANEA4 Vert	F6CRANEA5 Horiz	F6CRANEA5 Vert
9	A	0.5	2.4	-0.4	18.3	1.7	19.8	0.0	3.4	2.1	4.7	-0.8	2.8
9	M	-0.5	2.4	-2.1	4.7	0.0	3.4	-1.7	19.8	0.4	18.3	-1.3	4.1
9	G	0.0	5.1	-0.4	22.7	1.2	22.7	-1.2	22.7	0.4	22.7	-0.8	38.9

Frame Line	Column Line	F6CRANEA6 Horiz	F6CRANEA6 Vert	F6PAT_LL_1 Horiz	F6PAT_LL_1 Vert	F6PAT_LL_2 Horiz	F6PAT_LL_2 Vert	F6UNB_SL_L Horiz	F6UNB_SL_L Vert	F6UNB_SL_R Horiz	F6UNB_SL_R Vert
9	A	1.3	4.1	0.9	6.0	0.3	-0.1	0.4	1.9	0.1	0.4
9	M	0.8	2.8	-0.3	-0.1	-0.9	6.0	-0.1	0.4	-0.4	1.9
9	G	0.8	38.9	-0.7	6.1	0.7	6.1	-0.2	4.1	0.2	4.1

Frame Line	Column Line	Dead Horiz	Dead Vert	Collateral Horiz	Collateral Vert	Live Horiz	Live Vert	Snow Horiz	Snow Vert	Wind_Left1 Horiz	Wind_Left1 Vert	Wind_Right1 Horiz	Wind_Right1 Vert
10	A	0.9	2.2	0.1	0.3	3.1	6.3	0.9	1.8	-7.9	-12.5	-1.6	-8.3
10	M	-0.9	2.2	-0.1	0.3	-3.1	6.3	-0.9	1.8	1.6	-8.3	7.9	-12.5

Frame Line	Column Line	Wind_Left2 Horiz	Wind_Left2 Vert	Wind_Right2 Horiz	Wind_Right2 Vert	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert	Seismic_Left Horiz	Seismic_Left Vert	Seismic_Right Horiz	Seismic_Right Vert
10	A	-7.2	-8.6	-0.9	-4.4	-2.4	-11.3	-3.3	-9.1	-0.2	-0.1	0.2	0.1
10	M	0.9	-4.4	7.2	-8.6	3.3	-9.1	2.4	-11.3	-0.2	0.1	0.2	-0.1

Frame Line	Column Line	MIN_SNOW Horiz	MIN_SNOW Vert	F7UNB_SL_L Horiz	F7UNB_SL_L Vert	F7UNB_SL_R Horiz	F7UNB_SL_R Vert
10	A	1.3	2.6	1.0	2.1	1.0	1.3
10	M	-1.3	2.6	-1.0	1.3	-1.0	2.1

RIGID FRAME: MAXIMUM REACTIONS

Frm Line	Col Line	Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin
10	A	1	4.2	8.7	2	-4.2	-6.2
10	M	3	4.2	-6.2	1	-4.2	8.7
		1	-4.2	8.7	3	4.2	-6.2

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Wind Press Horz	Wind Suct Horz	Seis Long Vert
4	D	0.4	-4.8	5.3	0.0
4	G	0.5	-5.4	5.9	0.0
4	J	0.4	-4.8	5.3	0.0
10	K	0.4	-3.3	3.6	0.0
10	H	0.4	-4.2	4.7	0.0
10	F	0.4	-4.2	4.7	0.0
10	C	0.4	-3.3	3.6	0.0

ENDWALL COLUMN: MAXIMUM REACTIONS

Frm Line	Col Line	Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin
4	D	38	3.2	0.3	39	-2.9	0.3
		40	2.4	0.4			
4	G	38	3.6	0.3	39	-3.2	0.3
		40	2.7	0.5			
4	J	38	3.2	0.3	39	-2.9	0.3
		40	2.4	0.4			
10	K	38	2.2	0.2	39	-2.0	0.2
		41	1.8	0.4			
10	H	38	2.8	0.3	39	-2.5	0.3
		41	2.1	0.4			
10	F	38	2.8	0.3	39	-2.5	0.3
		41	2.1	0.4			
10	C	38	2.2	0.2	39	-2.0	0.2
		41	1.8	0.4			

NOTES FOR REACTIONS

1. All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
2. Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
3. Bracing reactions are in the plane of the brace with the H pointing away from the braced bay. The vertical reaction is downward.
4. Building reactions are based on the following building data:

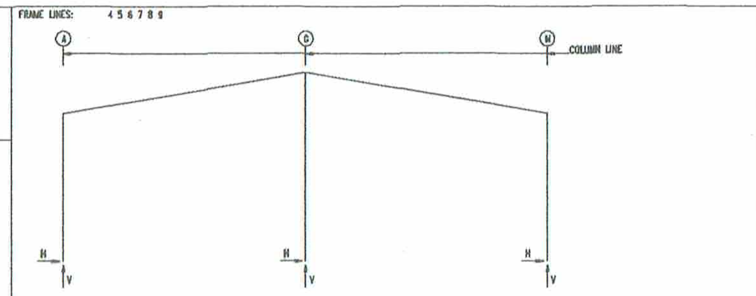
Width (ft)	= 80.0
Length (ft)	= 150.0
Eave Height (ft)	= 24.0/ 24.0
Roof Slope (rise/12)	= 2.0/ 2.0
Dead Load (psf)	= 2.0
Collateral Load (psf)	= 0.5
Roof Live Load(psf)	= 20.0
Frame Live Load(psf)	= 12.0
Snow Load (psf)	= 3.5
Wind Speed (mph)	= 106.0
Wind Code	= IBC 18
Exposure	= C
Closed/Open	= C
Importance Wind	= 1.00
Importance Seismic	= 1.00
Seismic Zone	= A
Seismic Coeff (Fa*Ss)	= 0.18

5. Loading conditions are:
   1 Dead+Collateral+Live
   2 0.60Dead+0.6Wind_Left1
   3 0.60Dead+0.6Wind_Right1
   4 0.60Dead+0.6Wind_Left2
   5 0.60Dead+0.6Wind_Right2
   6 0.60Dead+0.6Wind_Long1L
   7 0.60Dead+0.6Wind_Long2L
   8 Dead+Collateral+F1CRANEA2
   9 Dead+Collateral+F1CRANEA3
   10 Dead+Collateral+F1CRANEA6
   11 Dead+0.75Snow+0.3Wind_Left1+0.75Slide_Snow+0.75F1CRANEA1
   12 Dead+0.75Snow+0.3Wind_Right1+0.75Slide_Snow+0.75F1CRANEA4
   13 Dead+Collateral+F2CRANEA2
   14 Dead+Collateral+F2CRANEA3
   15 Dead+Collateral+F2CRANEA6
   16 Dead+0.75Snow+0.3Wind_Left1+0.75Slide_Snow+0.75F2CRANEA1
   17 Dead+0.75Snow+0.3Wind_Right1+0.75Slide_Snow+0.75F2CRANEA4
   18 Dead+Collateral+F3CRANEA2
   19 Dead+Collateral+F3CRANEA3
   20 Dead+Collateral+F3CRANEA6
   21 Dead+0.75Snow+0.3Wind_Left1+0.75Slide_Snow+0.75F3CRANEA1
   22 Dead+0.75Snow+0.3Wind_Right1+0.75Slide_Snow+0.75F3CRANEA4
   23 Dead+Collateral+F4CRANEA2
   24 Dead+Collateral+F4CRANEA3
   25 Dead+Collateral+F4CRANEA6
   26 Dead+0.75Snow+0.3Wind_Left1+0.75Slide_Snow+0.75F4CRANEA1
   27 Dead+0.75Snow+0.3Wind_Right1+0.75Slide_Snow+0.75F4CRANEA4
   28 Dead+Collateral+F5CRANEA2
   29 Dead+Collateral+F5CRANEA3
   30 Dead+Collateral+F5CRANEA6
   31 Dead+0.75Snow+0.3Wind_Left1+0.75Slide_Snow+0.75F5CRANEA1
   32 Dead+0.75Snow+0.3Wind_Right1+0.75Slide_Snow+0.75F5CRANEA4
   33 Dead+Collateral+F6CRANEA2
   34 Dead+Collateral+F6CRANEA3
   35 Dead+Collateral+F6CRANEA6
   36 Dead+0.75Snow+0.3Wind_Left1+0.75Slide_Snow+0.75F6CRANEA1
   37 Dead+0.75Snow+0.3Wind_Right1+0.75Slide_Snow+0.75F6CRANEA4
   38 0.60Dead+0.6Wind_Right2+0.6Wind_Suction
   39 0.60Dead+0.6Wind_Pressure+0.6Wind_Long2L
   40 1.01Dead+1.01Collateral+0.45Wind_Suction+0.75E1UNB_SL_L
   41 1.01Dead+1.01Collateral+0.45Wind_Suction+0.75E2UNB_SL_L

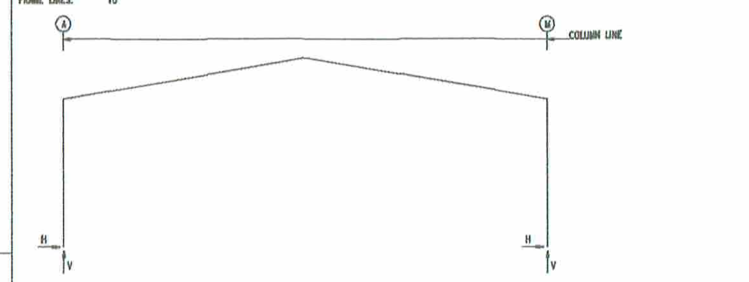
ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)	Type	Proj (in)
○ 40	Jamb	3/4"	A307	2.50
○ 28	Endwall	3/4"	A307	2.50
○ 80	Frame	3/4"	A307	2.50

FRAME LINES: 4 5 6 7 8 9



FRAME LINES: 10



RIGID FRAME: MAXIMUM REACTIONS

Frm Line	Col Line	Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin
4	A	12	2.5	4.5	4	-2.5	-2.3
		8	1.8	20.6	6	0.6	-6.0
4	M	5	2.5	-2.3	11	-2.5	4.5
		9	-1.8	20.6	7	-0.6	-6.0
4	G	8	1.2	25.1	9	-1.2	25.1
		10	0.8	41.1	2	-0.2	-4.6

RIGID FRAME: MAXIMUM REACTIONS

Frm Line	Col Line	Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin
5	A	17	3.4	5.7	4	-4.3	-3.2
		13	2.0	22.4	6	1.3	-7.9
5	M	5	4.3	-3.2	16	-3.4	5.7
		14	-2.0	22.4	7	-1.3	-7.9
5	G	13	1.2	28.1	14	-1.2	28.1
		15	0.8	44.3	7	-0.4	-7.4

RIGID FRAME: MAXIMUM REACTIONS

Frm Line	Col Line	Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin
6	A	22	3.5	5.8	4	-4.2	-2.7
		18	2.0	22.4	2	-3.3	-5.4
6	M	5	4.2	-2.7	21	-3.5	5.8
		19	-2.0	22.4	3	3.3	-5.4
6	G	18	1.2	28.2	19	-1.2	28.2
		20	0.8	44.4	7	-0.3	-6.6

RIGID FRAME: MAXIMUM REACTIONS

Frm Line	Col Line	Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin
7	A	27	3.5	5.8	4	-4.2	-2.7
		23	2.0	22.4	2	-3.3	-5.4
7	M	5	4.2	-2.7	26	-3.5	5.8
		24	-2.0	22.4	3	3.3	-5.4
7	G	23	1.2	28.2	24	-1.2	28.2
		25	0.8	44.4	7	-0.3	-6.6

RIGID FRAME: MAXIMUM REACTIONS

Frm Line	Col Line	Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin
8	A	32	3.5	5.8	4	-4.2	-2.7
		28	2.0	22.4	2	-3.3	-5.4
8	M	5	4.2	-2.7	31	-3.5	5.8
		29	-2.0	22.4	3	3.3	-5.4
8	G	28	1.2	28.2	29	-1.2	28.2
		30	0.8	44.4	7	-0.3	-6.6

RIGID FRAME: MAXIMUM REACTIONS

Frm Line	Col Line	Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin
9	A	37	3.3	5.1	4	-4.3	-3.2
		33	2.0	21.6	2	-3.5	-5.9
9	M	5	4.3	-3.2	36	-3.3	5.1
		34	-2.0	21.6	3	3.5	-5.9
9	G	33	1.2	26.6	34	-1.2	26.6
		35	0.8	42.7	2	-0.4	-7.3

BUILD IT WITH STEEL BUILD IT TO LAST
JNL STEEL COMPONENTS, INC.
432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

SHEET NAME/TITLE
ANCHOR BOLT REACTIONS

DRAWN BY	DATE
BN	5/27/22
CHECKED BY	DATE
BN	5/27/22
APPROVED BY	DATE
	5/27/22

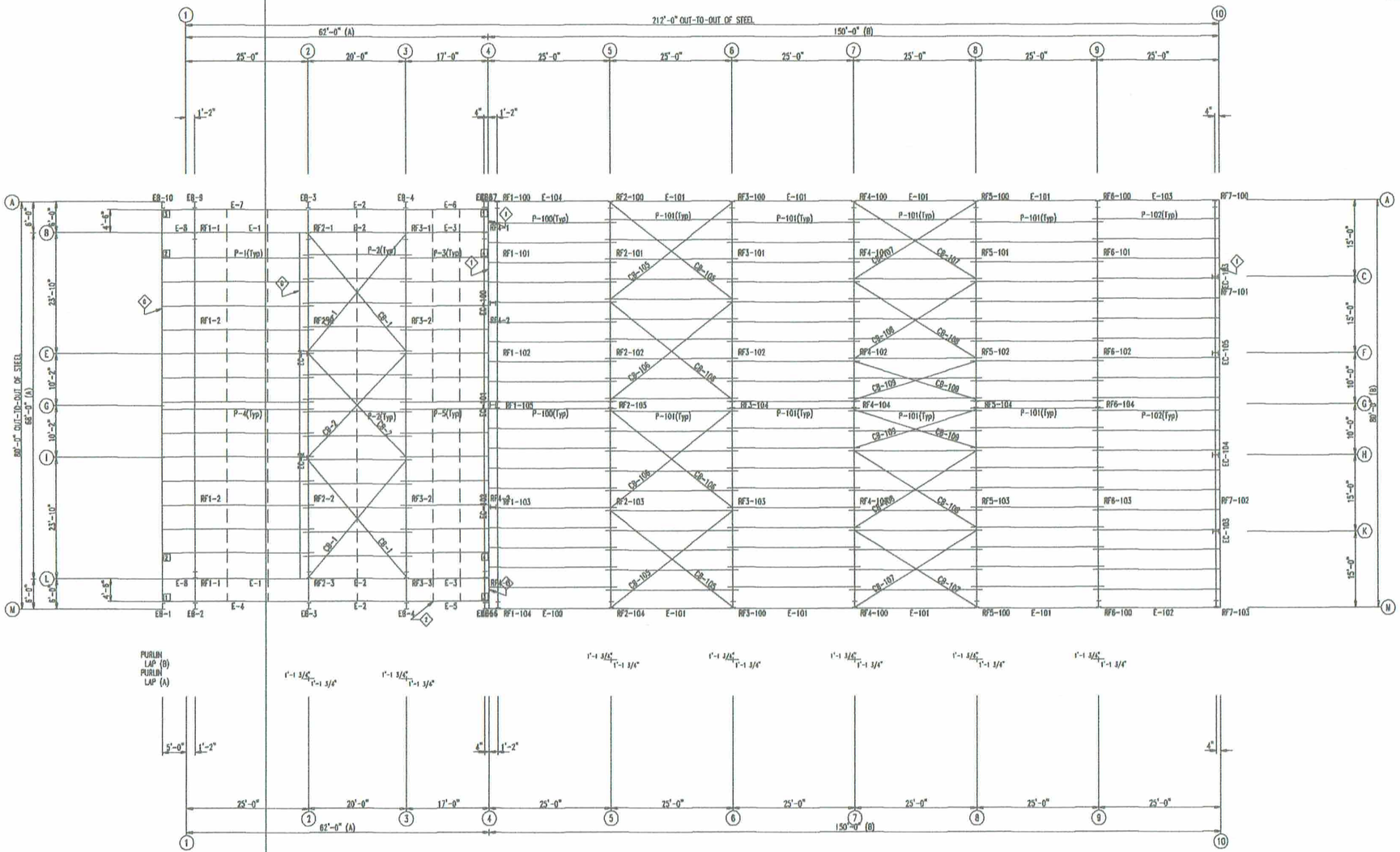
SHEET NO.	REV.	SCALE
A4 of 4	--	NTS

REVISIONS

NO.	NOTES	BY	DATE
--	--	--	00-00-00

STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER

F-11779
MAR 23 2023



ROOF FRAMING PLAN

EXTENSION/CANOPY BOLTS ROOF PLAN				
MARK	QUAN	TYPE	DIA	LENGTH
EB-2	4	A325	3/4"	2 1/2"
EB-3	8	A325	3/4"	2 1/2"
EB-4	4	A325	3/4"	2 1/2"
EB-5	4	A325	3/4"	2 1/2"
EB-8	4	A325	3/4"	2 1/2"
EB-9	4	A325	3/4"	2 1/2"

ANGLE TABLE ROOF PLAN			
◇ID	MARK	LENGTH	DETAIL
	L4X2	20'-0"	ANGLE_6
	RECE	20'-0"	ANGLE_6
1	L4X2	20'-0"	
2	FL569	500'-0"	

MEMBER TABLE ROOF PLAN		
MARK	PART	LENGTH
A		
EB-1	8X25C14	8'-10 1/2"
EB-2	W8X10	6'-2 1/8"
EB-3	W8X10	5'-7 15/16"
EB-4	W8X10	5'-9 15/16"
EB-5	W8X10	5'-5 15/16"
EB-6	8X25CH14	8'-10 1/2"
EB-7	8X25CH14	8'-10 1/2"
EB-8	W8X10	5'-5 15/16"
EB-9	W8X10	6'-2 1/8"
EB-10	8X25C14	8'-10 1/2"
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	E085342L	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	E085342L	5'-5 5/8"
CB-1	CB0250	30'-7 3/4"
CB-2	CB0250	27'-11 1/4"
B		
P-100	8X25Z14	26'-1 1/2"
P-101	8X25Z14	27'-3 1/2"
P-102	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-105	CB0250	31'-7"
CB-106	CB0250	31'-10 1/4"
CB-107	CB0250	29'-5 1/4"
CB-108	CB0250	29'-2 3/4"
CB-109	CB0250	26'-7"

CONNECTION PLATES ROOF PLAN	
□ID	MARK/PART
1	e1
2	d1
3	e2
4	d2

JNL STEEL COMPONENTS, INC.
BUILD IT WITH STEEL BUILD IT TO LAST
432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

SHEET NAME/TITLE
ROOF FRAMING

DRAWN BY	DATE
BN	5/27/22
CHECKED BY	DATE
BN	5/27/22
APPROVED BY	DATE
.	5/27/22

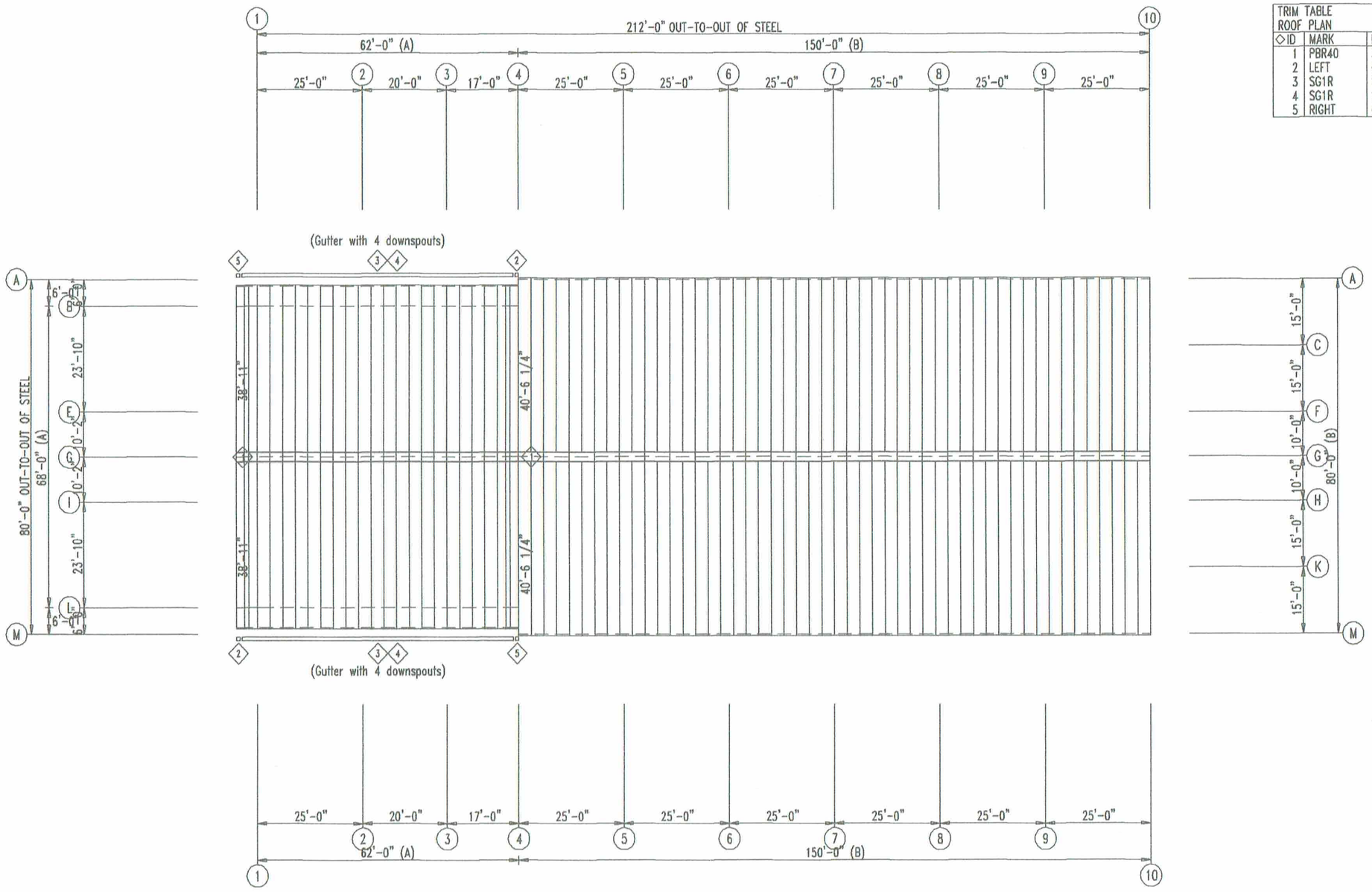
SHEET NO.	REV.	SCALE
E1 of 25 --		NTS

REVISIONS			
NO.	NOTES	BY	DATE
--	--	--	00-00-00

STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER
F-11779
MAR 23 2023

EXTENSION/CANOPY BOLTS ROOF PLAN				
MARK	QUAN	TYPE	DIA	LENGTH
EB-2	4	A325	3/4"	2 1/2"
EB-3	8	A325	3/4"	2 1/2"
EB-4	4	A325	3/4"	2 1/2"
EB-5	4	A325	3/4"	2 1/2"
EB-8	4	A325	3/4"	2 1/2"
EB-9	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"



ROOF SHEETING PLAN

PANELS: 26 Ga. PBR - Polar White

BUILD IT WITH STEEL BUILD IT TO LAST
JNL STEEL COMPONENTS, INC.
432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

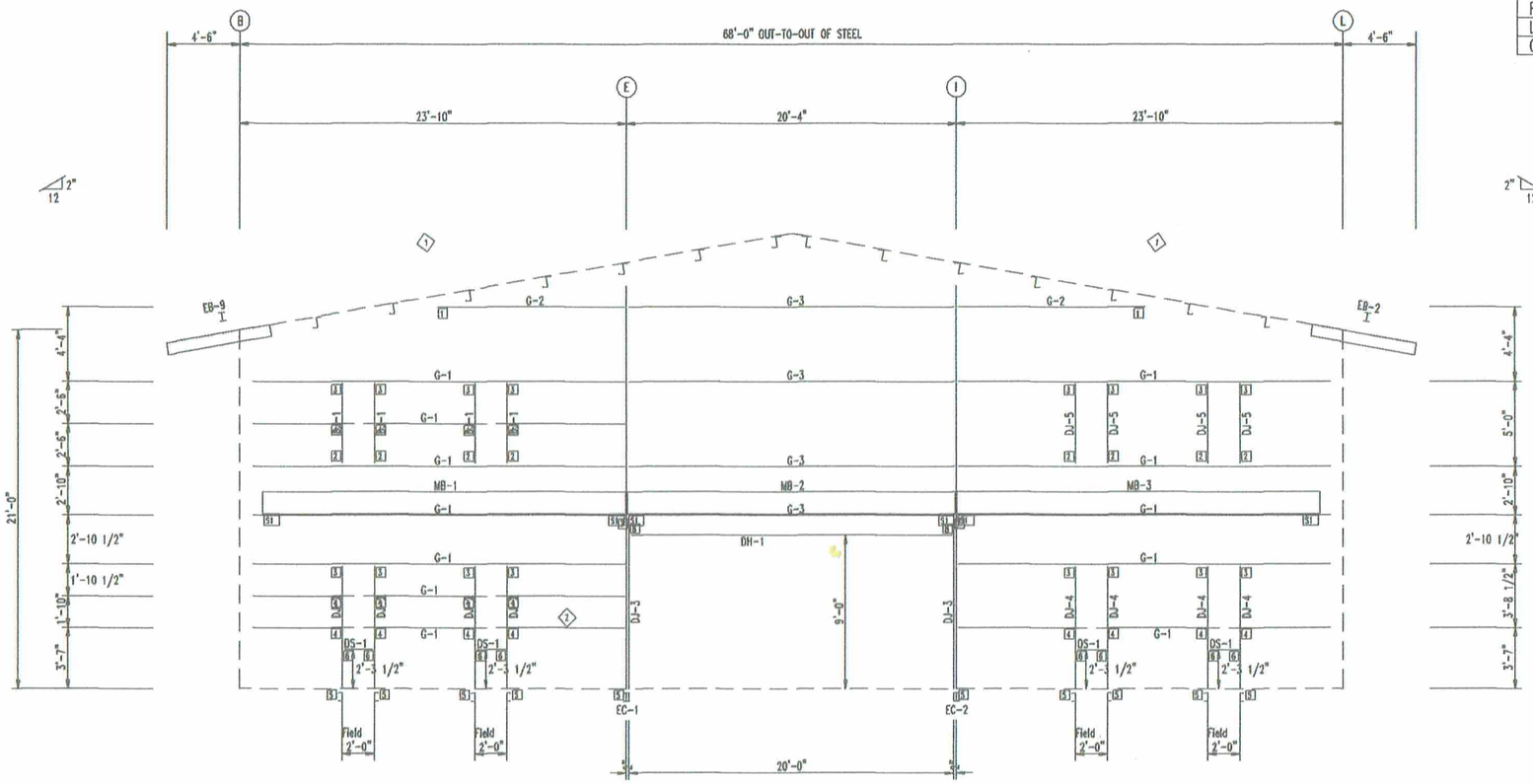
SHEET NAME/TITLE
ROOF SHEETING

DRAWN BY	DATE
BN	5/27/22
CHECKED BY	DATE
BN	5/27/22
APPROVED BY	DATE
	5/27/22

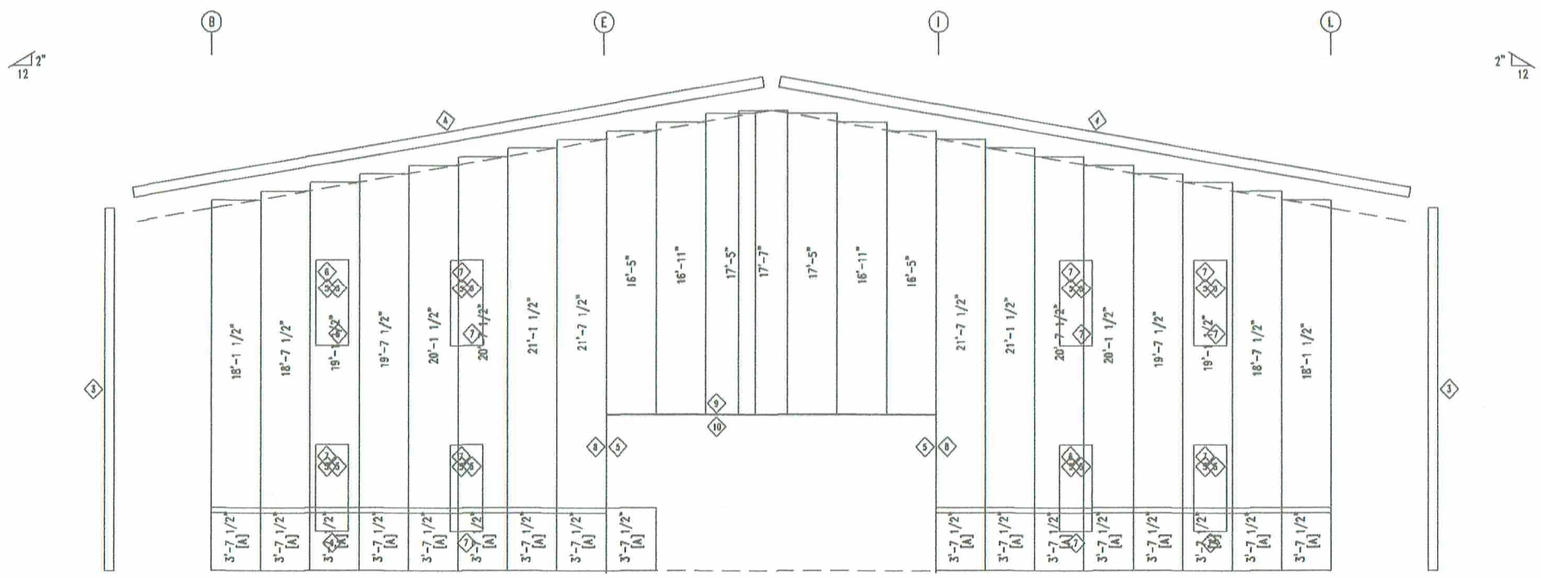
SHEET NO.	REV.	SCALE
E2 of 25--		NTS

REVISIONS			
NO.	NOTES	BY	DATE
--	--	--	00-00-00

STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER
F-11779
MAR 23 2023



ENDWALL FRAMING: FRAME LINE 2



ENDWALL SHEETING & TRIM: FRAME LINE 2

PANELS: 26 Ga. PBR - Desert Sand

[A] PANELS: 26 Ga. PBR - Dark Bronze

BOLT TABLE
FRAME LINE 2

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

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-9	W8X10	6'-2 1/8"
EC-1	W10X12	22'-9 7/16"
EC-2	W10X12	22'-9 7/16"
DJ-1	8X25C14	4'-11 1/4"
DJ-2	8X25C14	7'-2 3/4"
DJ-3	8X25C14	9'-9 3/8"
DJ-4	8X25C14	7'-2 3/4"
DJ-5	8X25C14	4'-11 1/4"
DH-1	8X25C14	19'-11 1/4"
DS-1	8X25C14	1'-11 1/4"
G-1	8X25C14	22'-0 3/4"
G-2	8X25C14	3'-1 3/4"
G-3	8X25C14	19'-7 1/4"
MB-1	W16X26	22'-4 1/4"
MB-2	W16X26	20'-2 3/4"
MB-3	W16X26	22'-4 1/4"

TRIM TABLE
FRAME LINE 2

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

CONNECTION PLATES
FRAME LINE 2

□ID	MARK/PART
1	b1
2	f1
3	j1
4	b2
5	f2
6	c2
7	j2
8	c1

BUILD IT WITH STEEL BUILD IT TO LAST
JNL STEEL COMPONENTS, INC.
432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

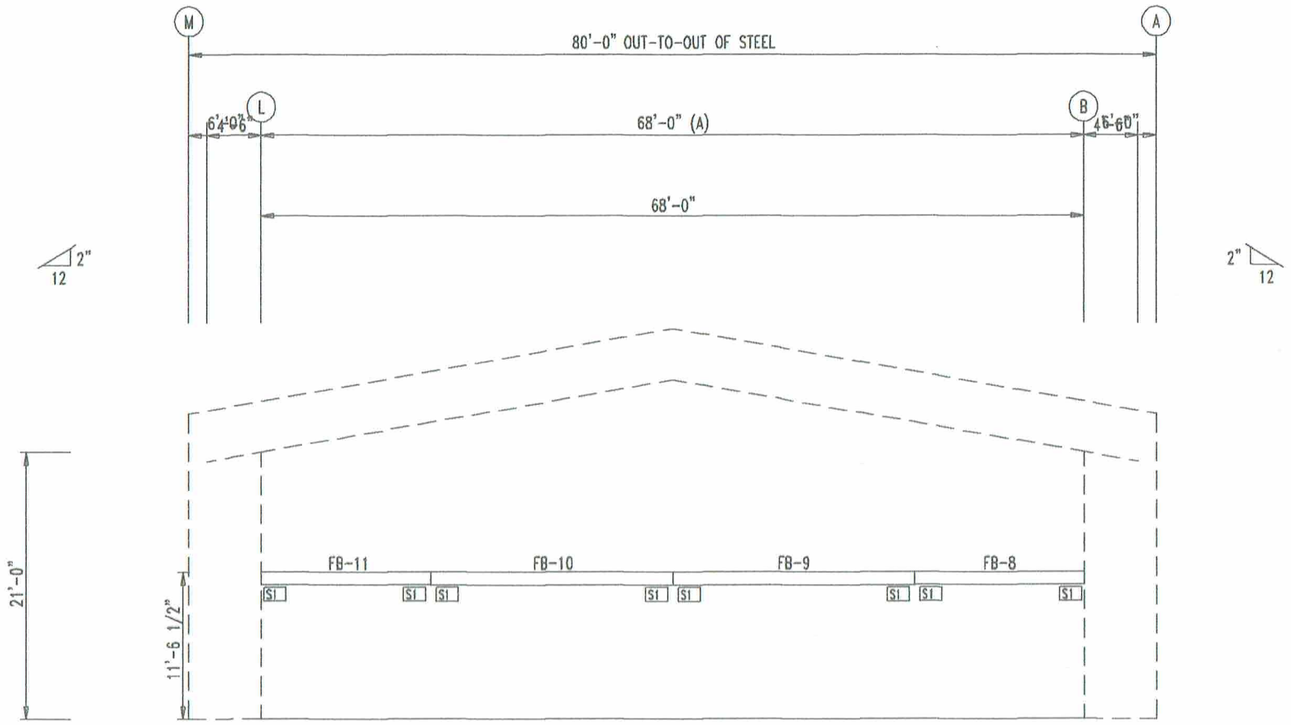
SHEET NAME/TITLE
ENDWALL FRAMING

DRAWN BY	DATE
BN	5/28/22
CHECKED BY	DATE
BN	5/28/22
APPROVED BY	DATE
	5/28/22
SHEET NO. / REV.	SCALE
E3 of 25--	NTS

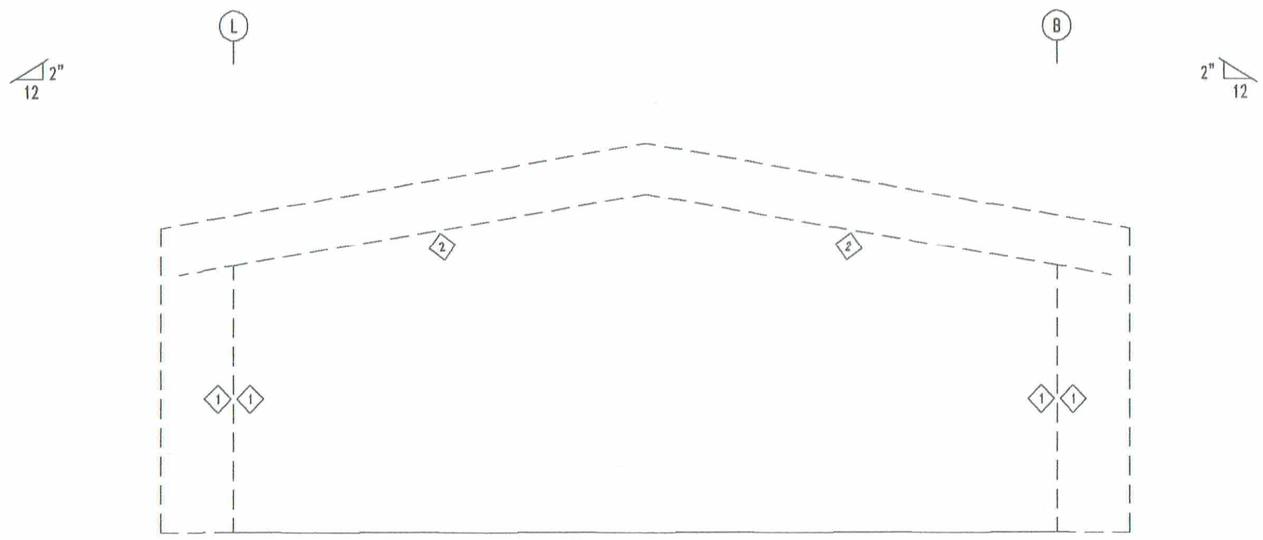
REVISIONS

NO.	NOTES	BY	DATE
--	--	--	00-00-00

STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER
F-11779
MAR 23 2023



ENDWALL FRAMING: FRAME LINE 4



ENDWALL SHEETING & TRIM: FRAME LINE 4

SUPPORT BEAM BOLT TABLE
FRAME LINE 4

ID	QUAN	TYPE	DIA	LENGTH
S1	0	A325	3/4"	"

MEMBER TABLE
FRAME LINE 4

MARK	PART	LENGTH
FB-8	W12X14	"
FB-9	W12X19	"
FB-10	W12X19	"
FB-11	W12X14	"

TRIM TABLE
FRAME LINE 4

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

BUILD IT WITH STEEL BUILD IT TO LAST
JNL STEEL COMPONENTS, INC.
432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

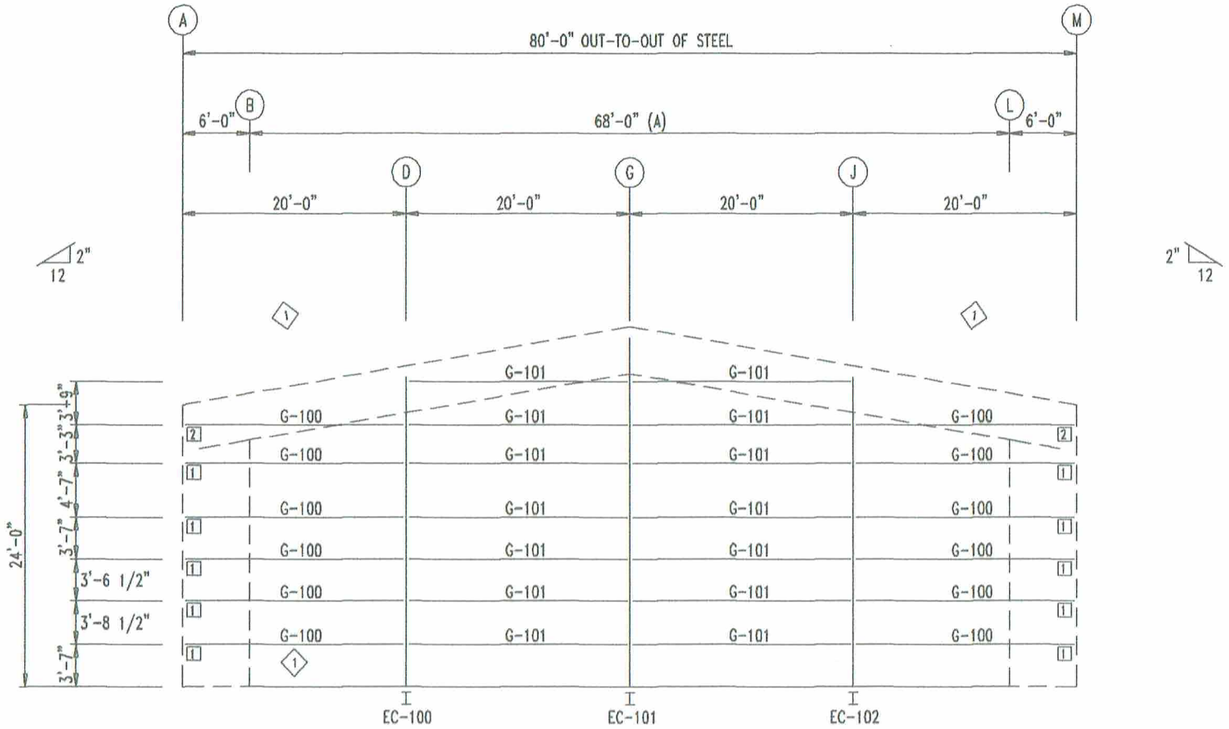
SHEET NAME/TITLE
ENDWALL FRAMING

DRAWN BY	DATE
BN	5/27/22
CHECKED BY	DATE
BN	5/27/22
APPROVED BY	DATE
.	5/27/22
SHEET NO. REV.	SCALE
E4 of 25--	NTS

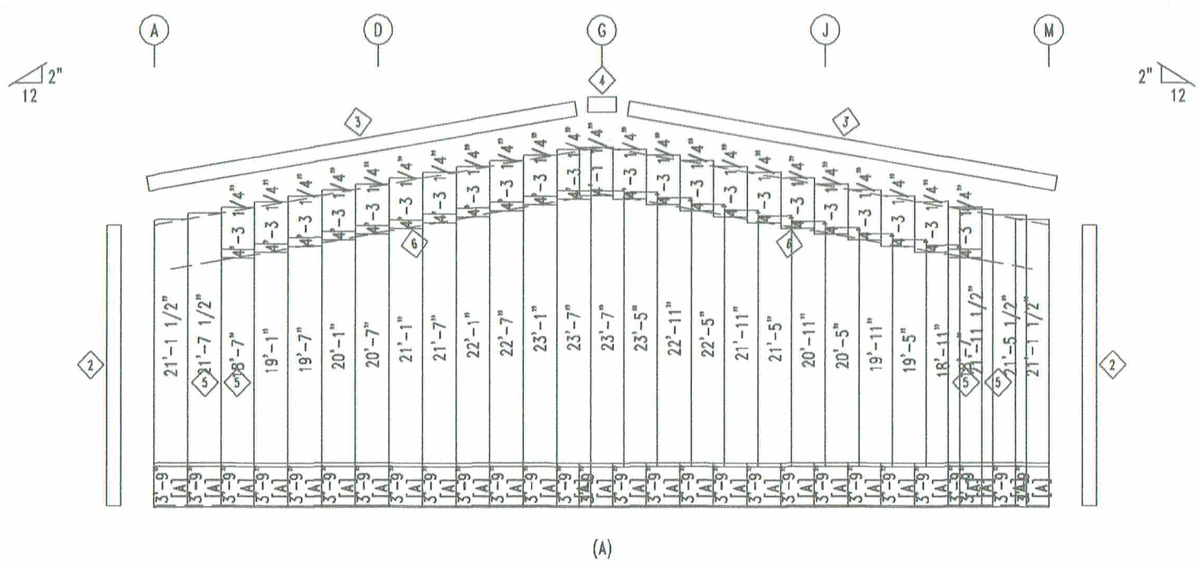
REVISIONS

NO.	NOTES	BY	DATE
--	--	--	00-00-00

STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER
F-11779
MAR 23 2023



ENDWALL FRAMING: FRAME LINE 4



ENDWALL SHEETING & TRIM: FRAME LINE 4

PANELS: 26 Ga. PBR - Desert Sand

[A] PANELS: 26 Ga. PBR - Dark Bronze
(A) PANELS: 26 Ga. PBR - Desert Sand

BOLT TABLE
FRAME LINE 4

LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	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'-7 3/8"
G-101	8X25Z14	19'-3 1/4"

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	d100
2	d101

BUILD IT WITH STEEL BUILD IT TO LAST
JNL STEEL COMPONENTS, INC.
432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

SHEET NAME/TITLE
ENDWALL FRAMING

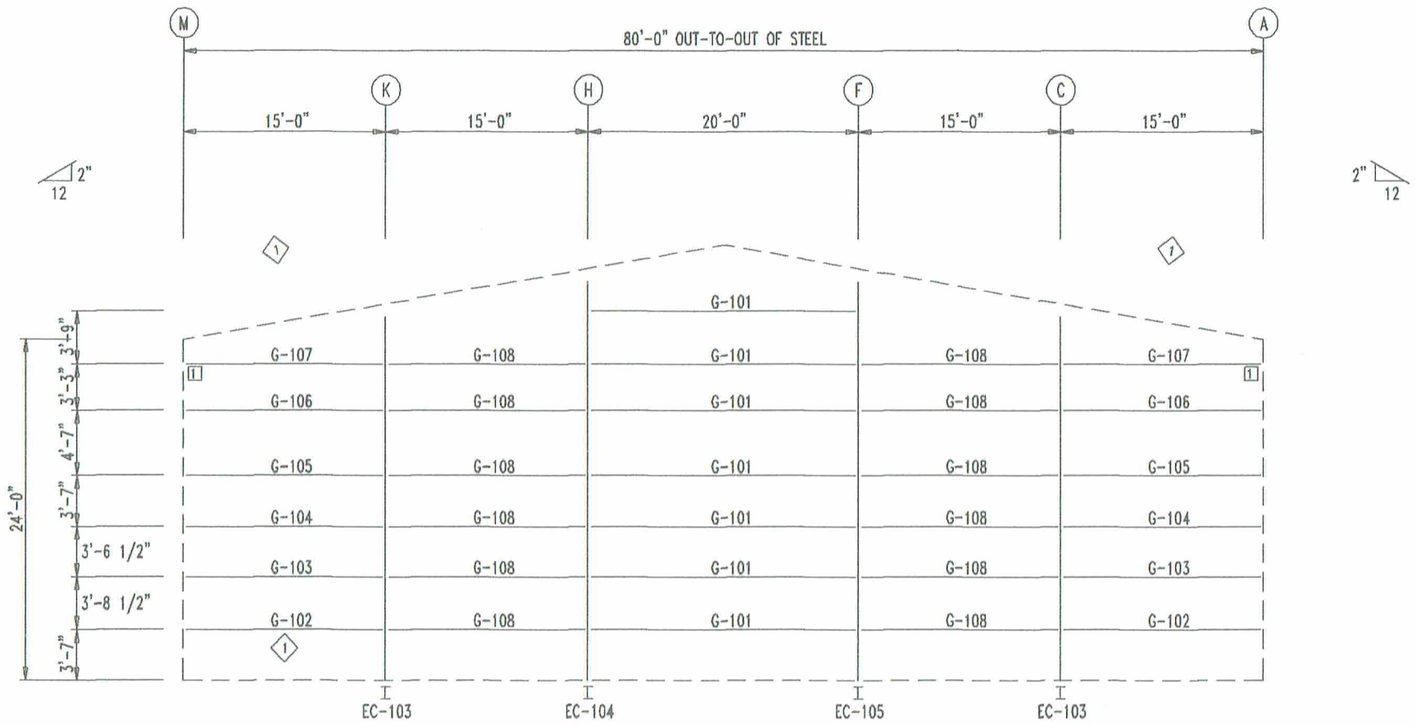
DRAWN BY	DATE
BN	5/27/22
CHECKED BY	DATE
BN	5/27/22
APPROVED BY	DATE
.	5/27/22

SHEET NO.	REV.	SCALE
E5 of 25--		NTS

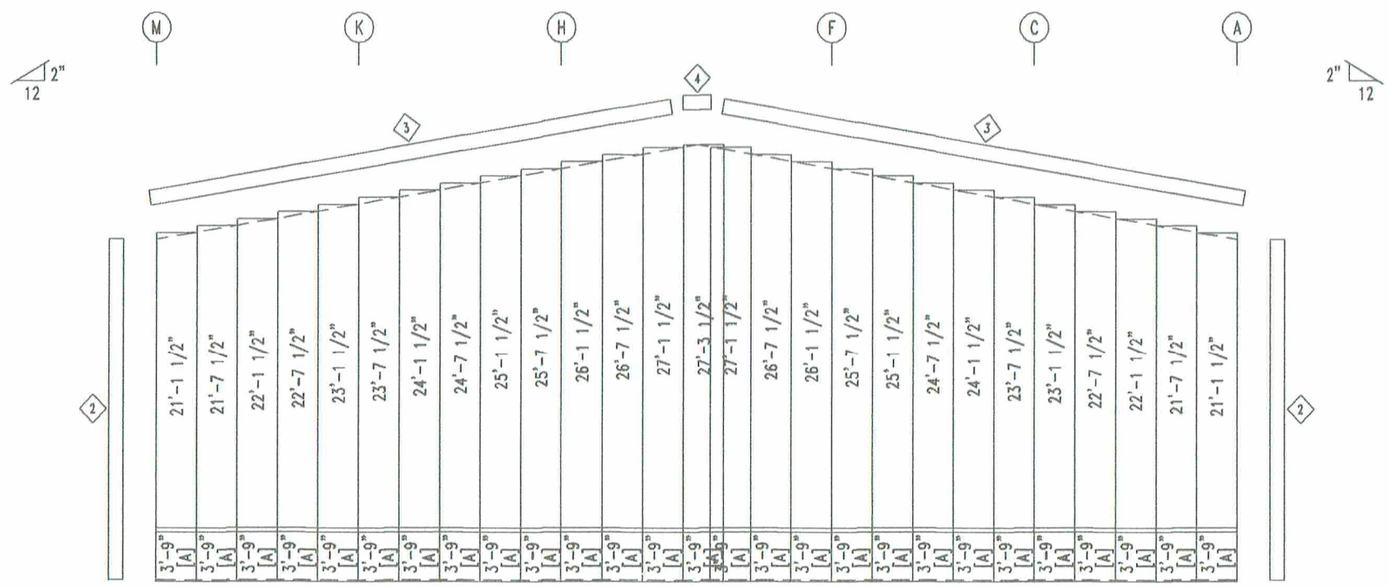
REVISIONS

NO.	NOTES	BY	DATE
--	--	--	00-00-00

STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER
F-11779
MAR 23 2023



ENDWALL FRAMING: FRAME LINE 10



ENDWALL SHEETING & TRIM: FRAME LINE 10

PANELS: 26 Ga. PBR - Desert Sand

[A] PANELS: 26 Ga. PBR - Dark Bronze

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	W1064030	24'-1 11/16"
EC-104	W1064030	26'-8 15/16"
EC-105	W1064030	26'-8 15/16"
G-101	8X25Z14	19'-3 1/4"
G-102	8X25Z14	13'-8 9/16"
G-103	8X25Z14	13'-6 1/8"
G-104	8X25Z14	13'-3 7/8"
G-105	8X25Z14	13'-1 1/2"
G-106	8X25Z14	12'-10 1/2"
G-107	8X25Z14	10'-9 1/16"
G-108	8X25Z14	14'-3 1/4"

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

BUILD IT WITH STEEL
BUILD IT TO LAST
JNL
STEEL COMPONENTS, INC.
432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

SHEET NAME/TITLE
ENDWALL FRAMING

DRAWN BY	DATE
BN	5/27/22
CHECKED BY	DATE
BN	5/27/22
APPROVED BY	DATE
.	5/27/22

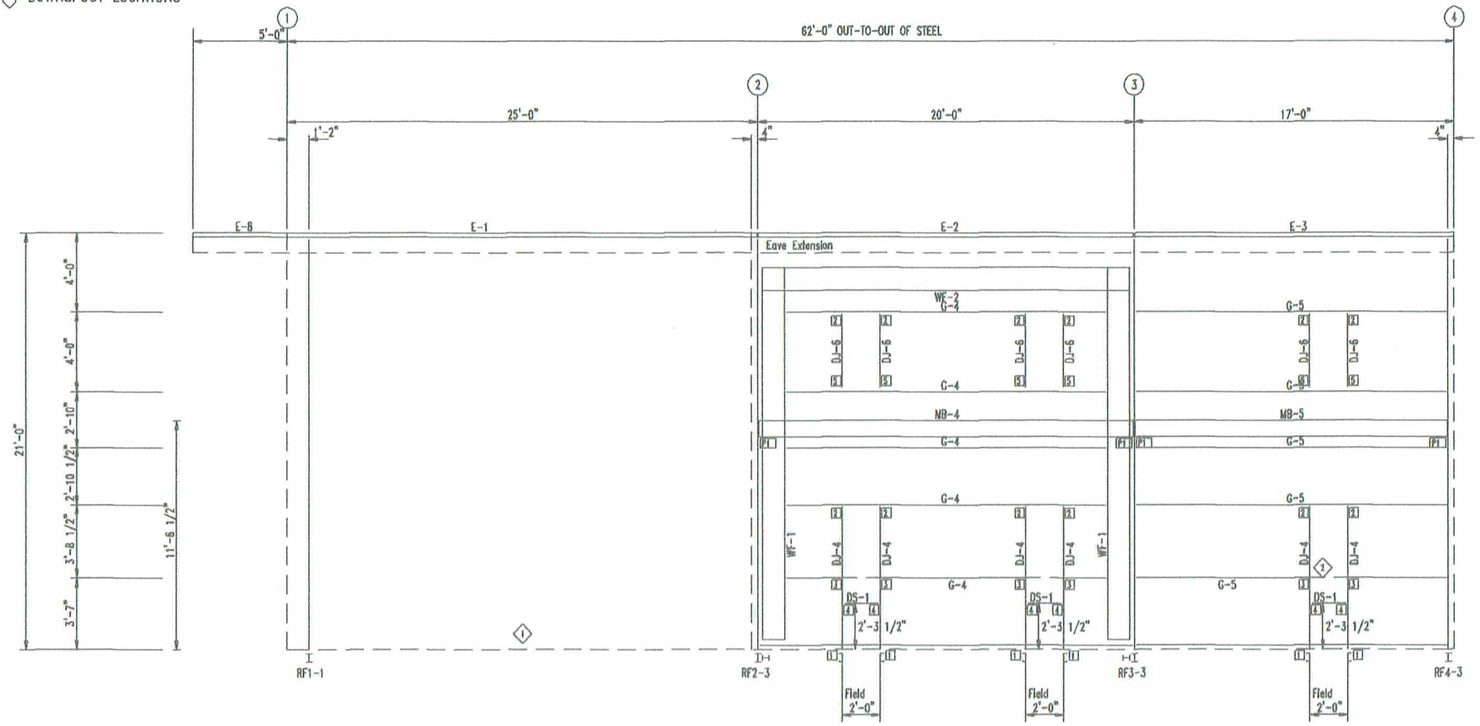
SHEET NO.	REV.	SCALE
E6 of 25--		NTS

REVISIONS

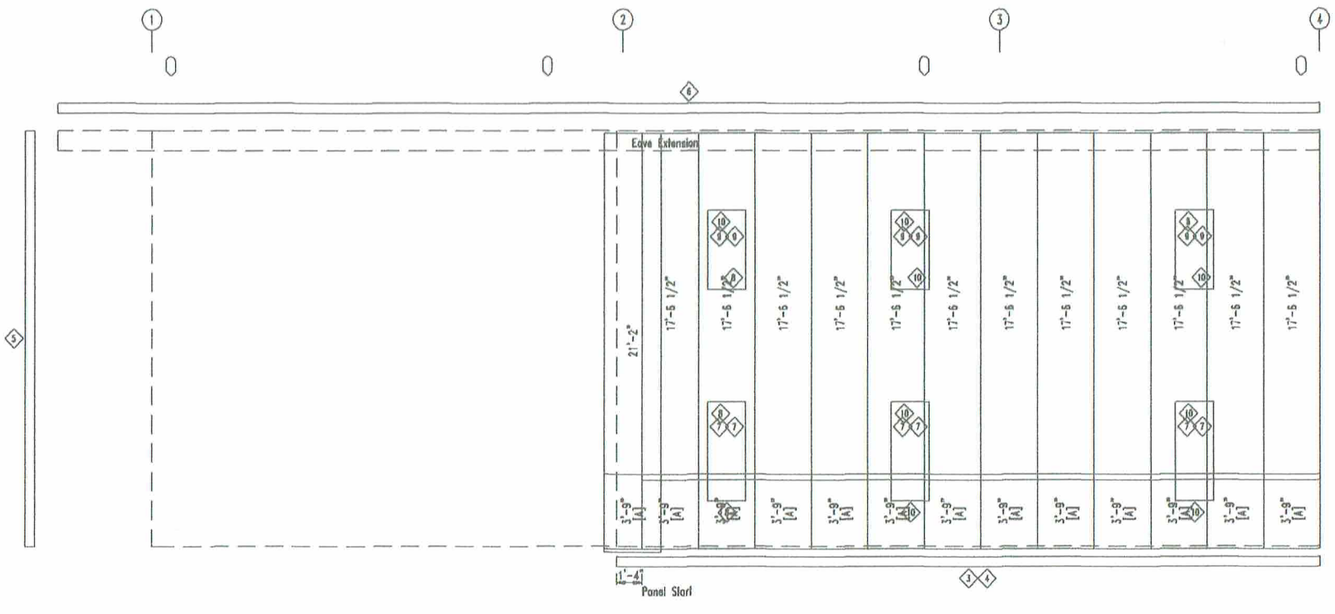
NO.	NOTES	BY	DATE
--	--	--	00-00-00

STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER
F-11779
MAR 23 2023

DOWNSPOUT LOCATIONS



SIDEWALL FRAMING: FRAME LINE L



SIDEWALL SHEETING & TRIM: FRAME LINE L

PANELS: 26 Ga. PBR - Desert Sand

[A] PANELS: 26 Ga. PBR ~ Dark Bronze

BOLT TABLE
FRAME LINE L

LOCATION	QUAN	TYPE	DIA	LENGTH
WF-1 - WF-2	8	A325	3/4"	2 1/2"
WF-1 - RF2-3	14	A325	5/8"	2"
WF-1 - RF3-3	14	A325	5/8"	2"

PERIMETER BEAM BOLT TABLE
FRAME LINE L

□ID	QUAN	TYPE	DIA	LENGTH
P1	3	A325	3/4"	2 1/2"

MEMBER TABLE
FRAME LINE L

MARK	PART	LENGTH
WF-1	W1464020	19'-0"
WF-2	W1464020	17'-7 3/8"
DJ-4	8X25C14	7'-2 3/4"
DJ-6	8X25C14	3'-11 1/4"
DS-1	8X25C14	1'-11 1/4"
E-1	E085342L	23'-1 1/4"
E-2	E085342L	19'-3 1/4"
E-3	E085342L	15'-11 1/4"
E-8	E085342L	5'-5 5/8"
G-4	8X25C14	17'-7 3/8"
G-5	8X25C14	15'-11 1/4"
MB-4	W10X12	19'-10 3/4"
MB-5	W10X12	16'-6 3/4"

TRIM TABLE
FRAME LINE L

◇ID	MARK	LENGTH
3	SBPR	10'-6"
4	NAIL I	1'-0"
5	OCR	22'-6"
6	LEA	21'-0"
7	JTR	10'-6"
8	HTR	10'-6"
9	JTR	SCRAP
10	HTR	SCRAP

ANGLE TABLE
FRAME LINE L

◇ID	MARK	LENGTH
1	8" REC	20'-0"
2	L4X2	20'-0"

CONNECTION PLATES
FRAME LINE L

□ID	MARK/PART
1	f2
2	j1
3	b2
4	c2
5	f1

BUILD IT WITH STEEL BUILD IT TO LAST
JNL STEEL COMPONENTS, INC.
432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

SHEET NAME/TITLE
SIDEWALL FRAMING

DRAWN BY	DATE
BN	5/28/22
CHECKED BY	DATE
BN	5/28/22
APPROVED BY	DATE
	5/28/22

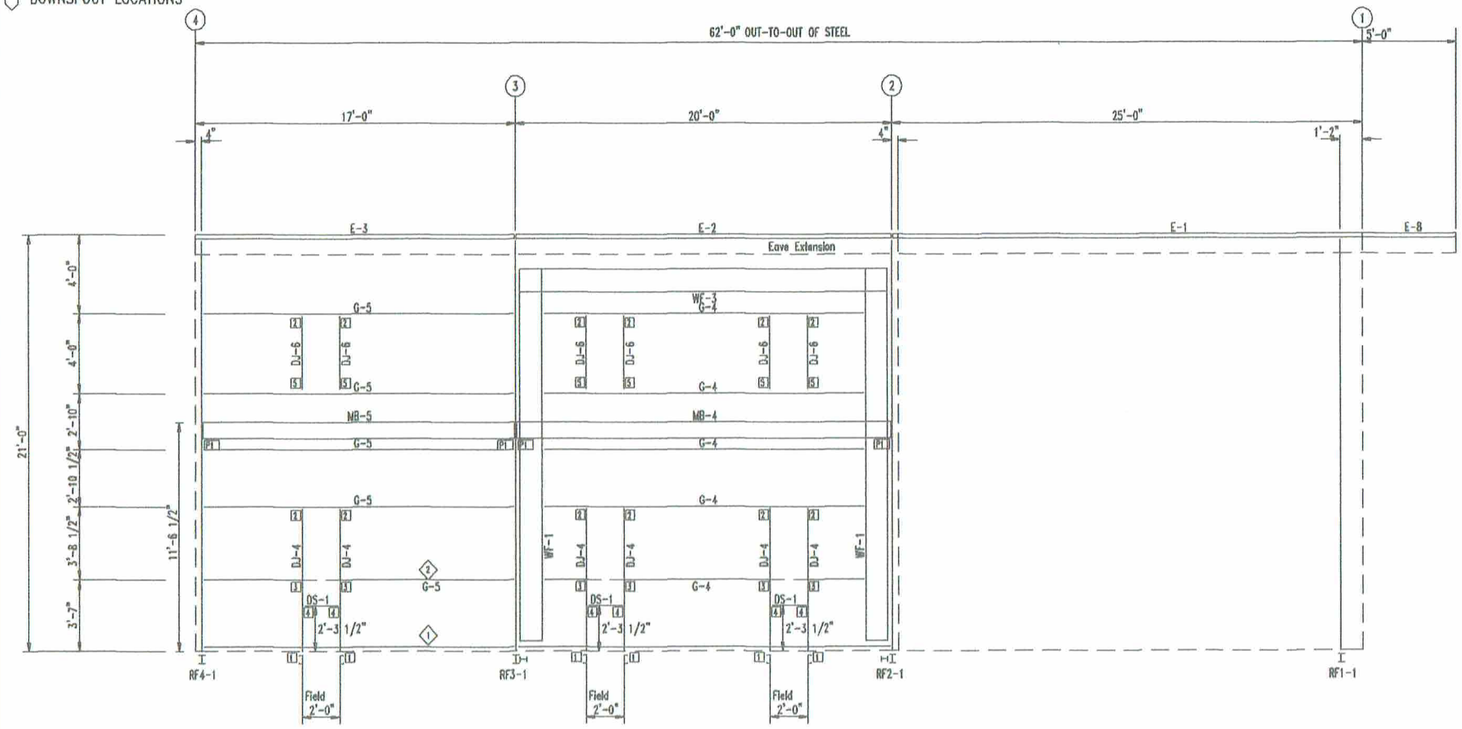
SHEET NO.	REV.	SCALE
E7 of 25--		NTS

REVISIONS

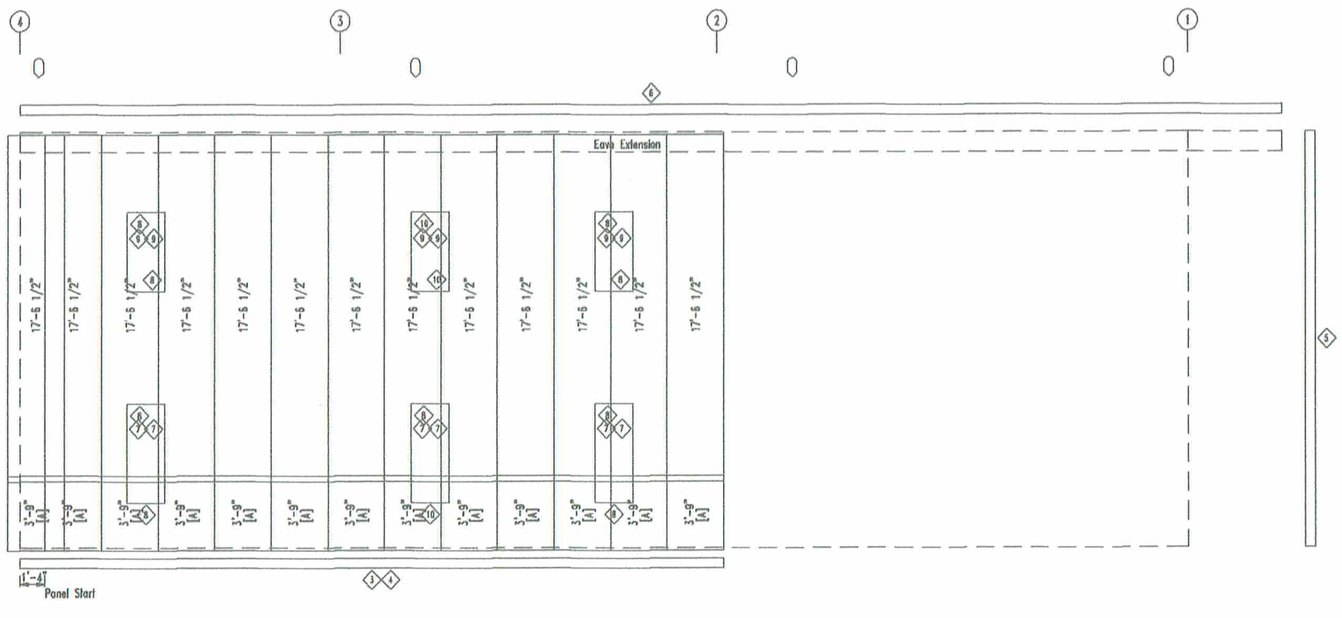
NO.	NOTES	BY	DATE
--	--	--	00-00-00

STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER
F-11779
MAR 23 2023

DOWNSPOUT LOCATIONS



SIDEWALL FRAMING: FRAME LINE B



SIDEWALL SHEETING & TRIM: FRAME LINE B

PANELS: 26 Ga. PBR - Desert Sand

[A] PANELS: 26 Ga. PBR - Dark Bronze

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	14	A325	5/8"	2"
WF-1 - RF2-1	14	A325	5/8"	2"

PERIMETER BEAM BOLT TABLE
FRAME LINE B

□ID	QUAN	TYPE	DIA	LENGTH
P1	3	A325	3/4"	2 1/2"

MEMBER TABLE
FRAME LINE B

MARK	PART	LENGTH
WF-1	W1464020	19'-0"
WF-3	W1464020	17'-7 3/8"
DJ-4	8X25C14	7'-2 3/4"
DJ-6	8X25C14	3'-11 1/4"
DS-1	8X25C14	1'-11 1/4"
E-1	E085342L	23'-1 1/4"
E-2	E085342L	19'-3 1/4"
E-3	E085342L	15'-11 1/4"
E-8	E085342L	5'-5 5/8"
G-4	8X25C14	17'-7 3/8"
G-5	8X25C14	15'-11 1/4"
MB-4	W10X12	19'-10 3/4"
MB-5	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	LEA	21'-0"
7	JTR	10'-6"
8	HTR	SCRAP
9	JTR	SCRAP
10	HTR	10'-6"

ANGLE TABLE
FRAME LINE B

◇ID	MARK	LENGTH
1	8" REC	SCRAP
2	L4X2	20'-0"

CONNECTION PLATES
FRAME LINE B

□ID	MARK/PART
1	f2
2	j1
3	b2
4	c2
5	f1

BUILD IT WITH STEEL BUILD IT TO LAST
JNL STEEL COMPONENTS, INC.
432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

SHEET NAME/TITLE
SIDEWALL FRAMING

DRAWN BY	DATE
BN	5/28/22
CHECKED BY	DATE
BN	5/28/22
APPROVED BY	DATE
.	5/28/22

SHEET NO.	REV.	SCALE
E8 of 25--		NTS

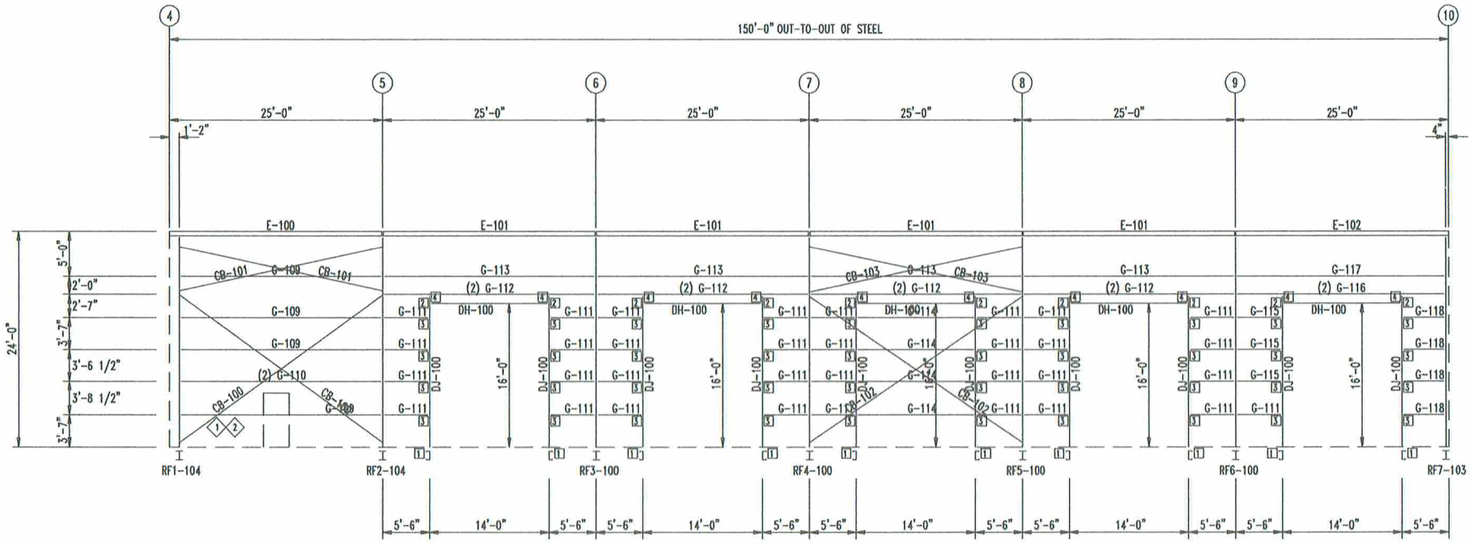
REVISIONS

NO.	NOTES	BY	DATE
--	--	--	00-00-00

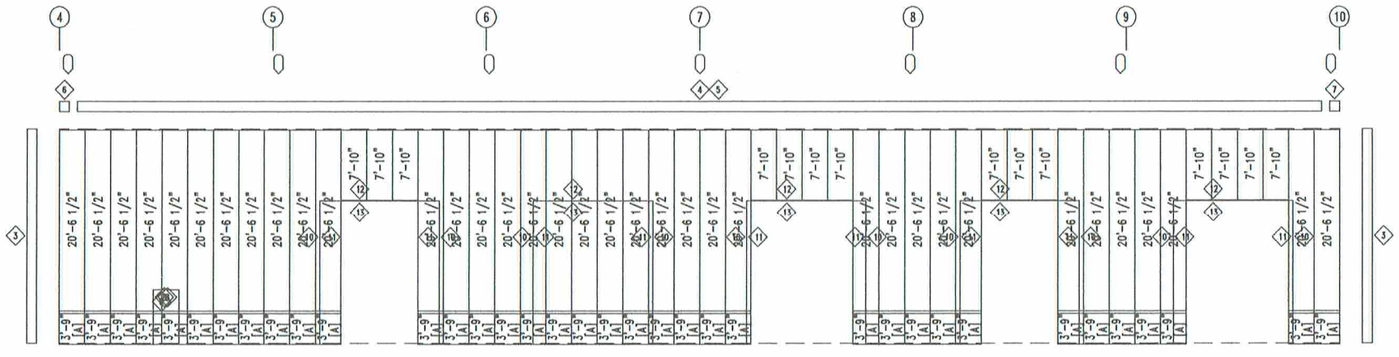
STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER

F-11779
MAR 23 2023

DOWNSPOUT LOCATIONS



SIDEWALL FRAMING: FRAME LINE M



SIDEWALL SHEETING & TRIM: FRAME LINE M

PANELS: 26 Ga. PBR - Desert Sand

[A] PANELS: 26 Ga. PBR - Dark Bronze

MEMBER TABLE
FRAME LINE M

MARK	PART	LENGTH
DJ-100	8X25C14	16'-7 3/8"
DH-100	8X25C14	13'-11 1/4"
E-100	E085342L	24'-11 1/2"
E-101	E085342L	24'-11 1/2"
E-102	E085342L	24'-11 1/2"
G-109	8X25Z14	23'-1 1/4"
G-110	8X25Z14	23'-1 1/4"
G-111	8X25Z14	4'-9 3/8"
G-112	8X25Z14	24'-3 1/4"
G-113	8X25Z14	24'-3 1/4"
G-114	8X25Z14	14'-0"
G-115	8X25Z14	4'-9 3/8"
G-116	8X25Z14	23'-11 1/4"
G-117	8X25Z14	23'-11 1/4"
G-118	8X25Z14	4'-5 3/8"
CB-100	CB0250	29'-4 1/4"
CB-101	CB0250	24'-10 1/2"
CB-102	CB0250	30'-2 3/4"
CB-103	CB0250	26'-0 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	JTR	10'-6"
9	HTR	10'-6"
10	JC08	16'-6"
11	JTR	16'-6"
12	JC08	14'-6"
13	HTR	14'-6"

ANGLE TABLE
FRAME LINE M

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

CONNECTION PLATES
FRAME LINE M

□ID	MARK/PART
1	f100
2	j100
3	b101
4	c100

BUILD IT WITH STEEL BUILD IT TO LAST
JNL
STEEL COMPONENTS, INC.
432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2
W Basin St
ODESSA TEXAS 79706

SHEET NAME/TITLE
SIDEWALL FRAMING

DRAWN BY	DATE
BN	3/23/23
CHECKED BY	DATE
BN	3/23/23
APPROVED BY	DATE
	3/23/23

SHEET NO.	REV.	SCALE
E9	--	NTS

REVISIONS

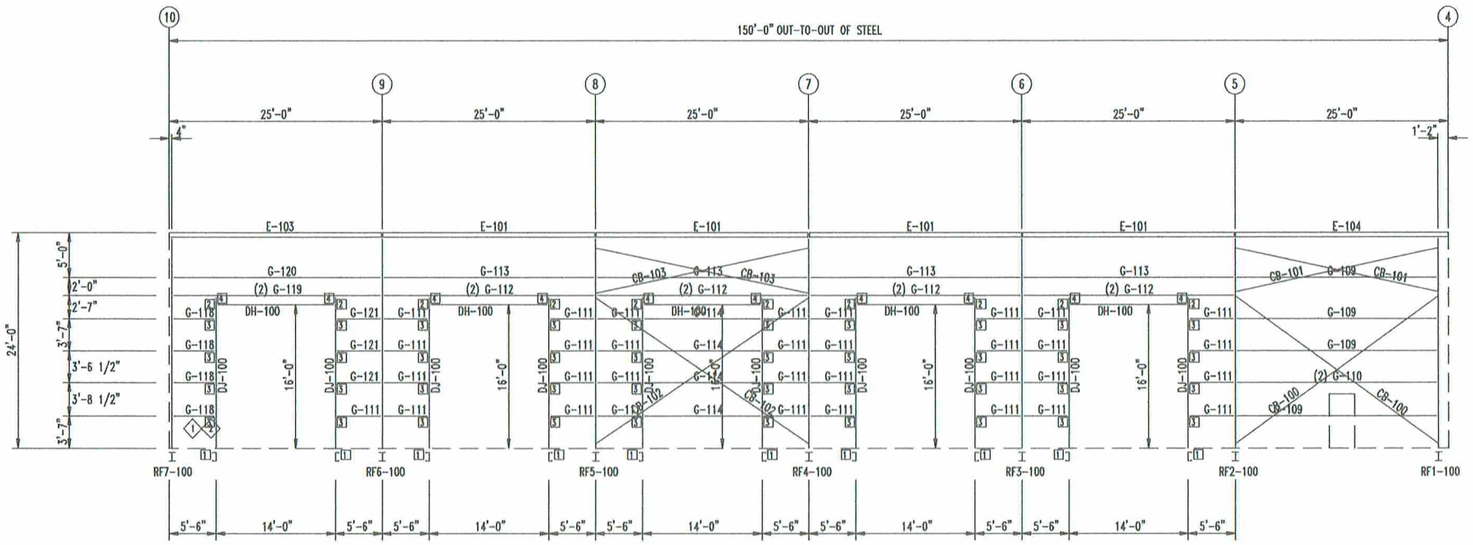
NO.	NOTES	BY	DATE
--	--	--	00-00-00

STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER

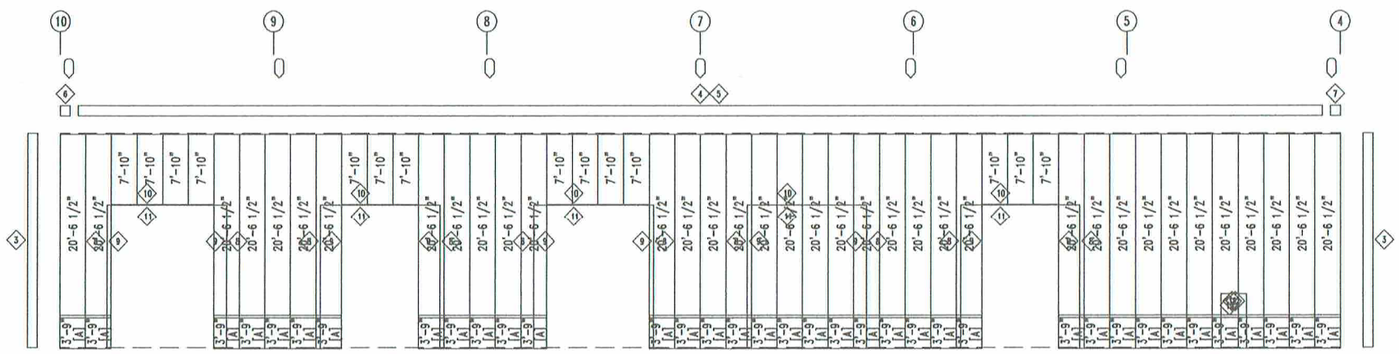
F-11779

MAR 23 2023

DOWNSPOUT LOCATIONS



SIDEWALL FRAMING: FRAME LINE A



SIDEWALL SHEETING & TRIM: FRAME LINE A

PANELS: 26 Ga. PBR – Desert Sand

[A] PANELS: 26 Ga. PBR – Dark Bronze

MEMBER TABLE
FRAME LINE A

MARK	PART	LENGTH
DJ-100	8X25C14	16'-7 3/8"
DH-100	8X25C14	13'-11 1/4"
E-101	E085342L	24'-11 1/2"
E-103	E085342L	24'-11 1/2"
E-104	E085342L	24'-11 1/2"
G-109	8X25Z14	23'-1 1/4"
G-110	8X25Z14	23'-1 1/4"
G-111	8X25Z14	4'-9 3/8"
G-112	8X25Z14	24'-3 1/4"
G-113	8X25Z14	24'-3 1/4"
G-114	8X25Z14	14'-0"
G-118	8X25Z14	4'-5 3/8"
G-119	8X25Z14	23'-11 1/4"
G-120	8X25Z14	23'-11 1/4"
G-121	8X25Z14	4'-9 3/8"
CB-100	CB0250	29'-4 1/4"
CB-101	CB0250	24'-10 1/2"
CB-102	CB0250	30'-2 3/4"
CB-103	CB0250	26'-0 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

ANGLE TABLE
FRAME LINE A

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

CONNECTION PLATES
FRAME LINE A

□ID	MARK/PART
1	f100
2	j100
3	b101
4	c100

BUILD IT WITH STEEL BUILD IT TO LAST
JNL STEEL COMPONENTS, INC.
432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2
W Basin St
ODESSA TEXAS 79706

SHEET NAME/TITLE
SIDEWALL FRAMING

DRAWN BY	DATE
BN	3/23/23
CHECKED BY	DATE
BN	3/23/23
APPROVED BY	DATE
	3/23/23

SHEET NO.	REV.	SCALE
E10	--	NTS

REVISIONS

NO.	NOTES	BY	DATE
--	--	--	00-00-00

STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER

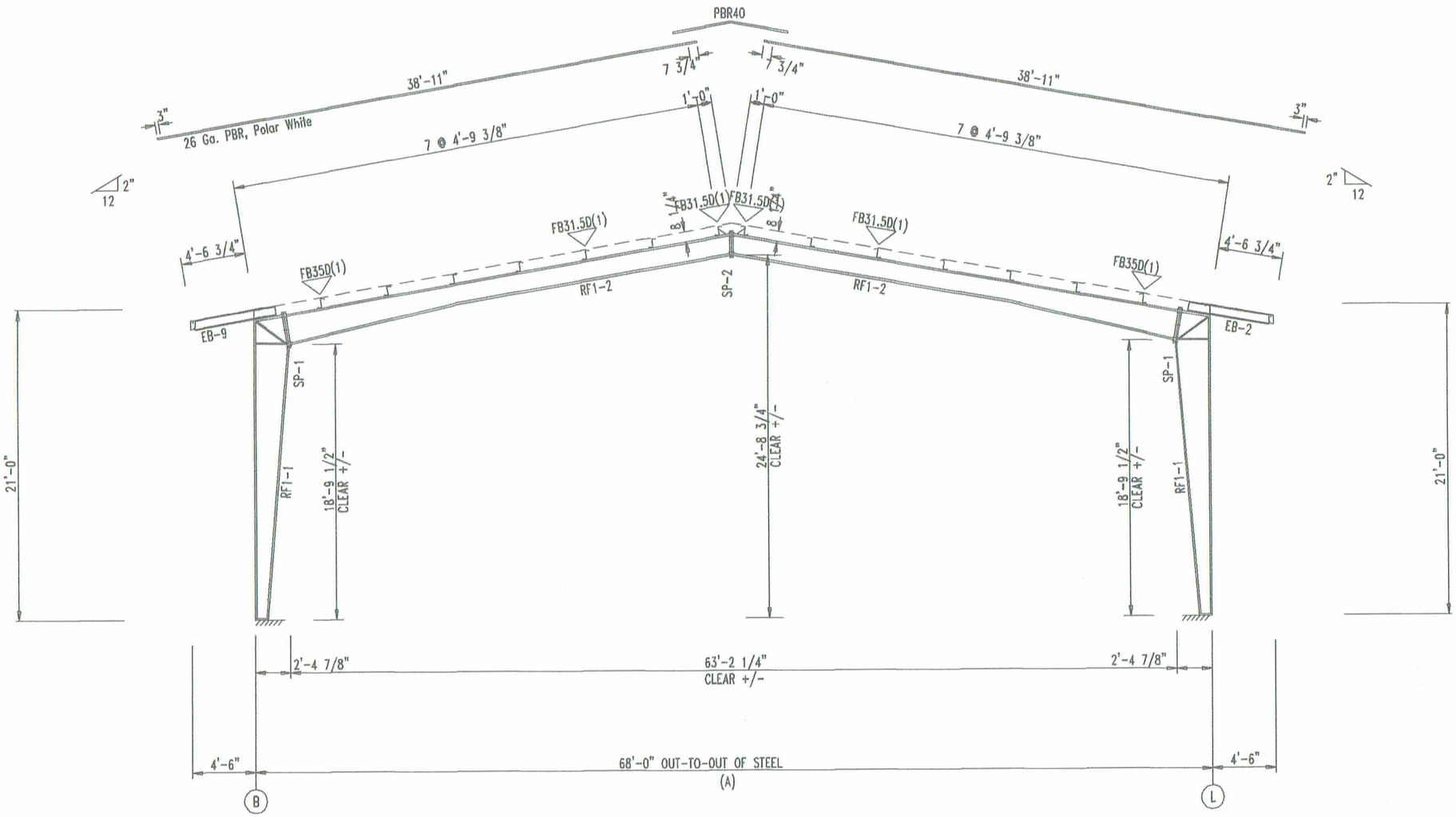
F-11779

MAR 23 2023

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

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

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF1-1	8.0/28.0	0.135	246.8	6 x 3/8" x 242.8 6 x 3/8" x 24.3	6 x 1/2" x 221.8
RF1-2	22.0/14.0 14.0/14.0	0.135 0.135	147.7 240.0	6 x 1/4" x 387.7	6 x 1/4" x 147.9 6 x 1/4" x 237.6
EB-2	W8X10				
EB-9	W8X10				



RIGID FRAME ELEVATION: FRAME LINE 1

JNL STEEL COMPONENTS, INC.
BUILD IT WITH STEEL BUILD IT TO LAST
432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

SHEET NAME/TITLE
RIGID FRAME ELEVATION

DRAWN BY	DATE
BN	5/27/22
CHECKED BY	DATE
BN	5/27/22
APPROVED BY	DATE
.	5/27/22

SHEET NO.	REV.	SCALE
E11 of 25--		NTS

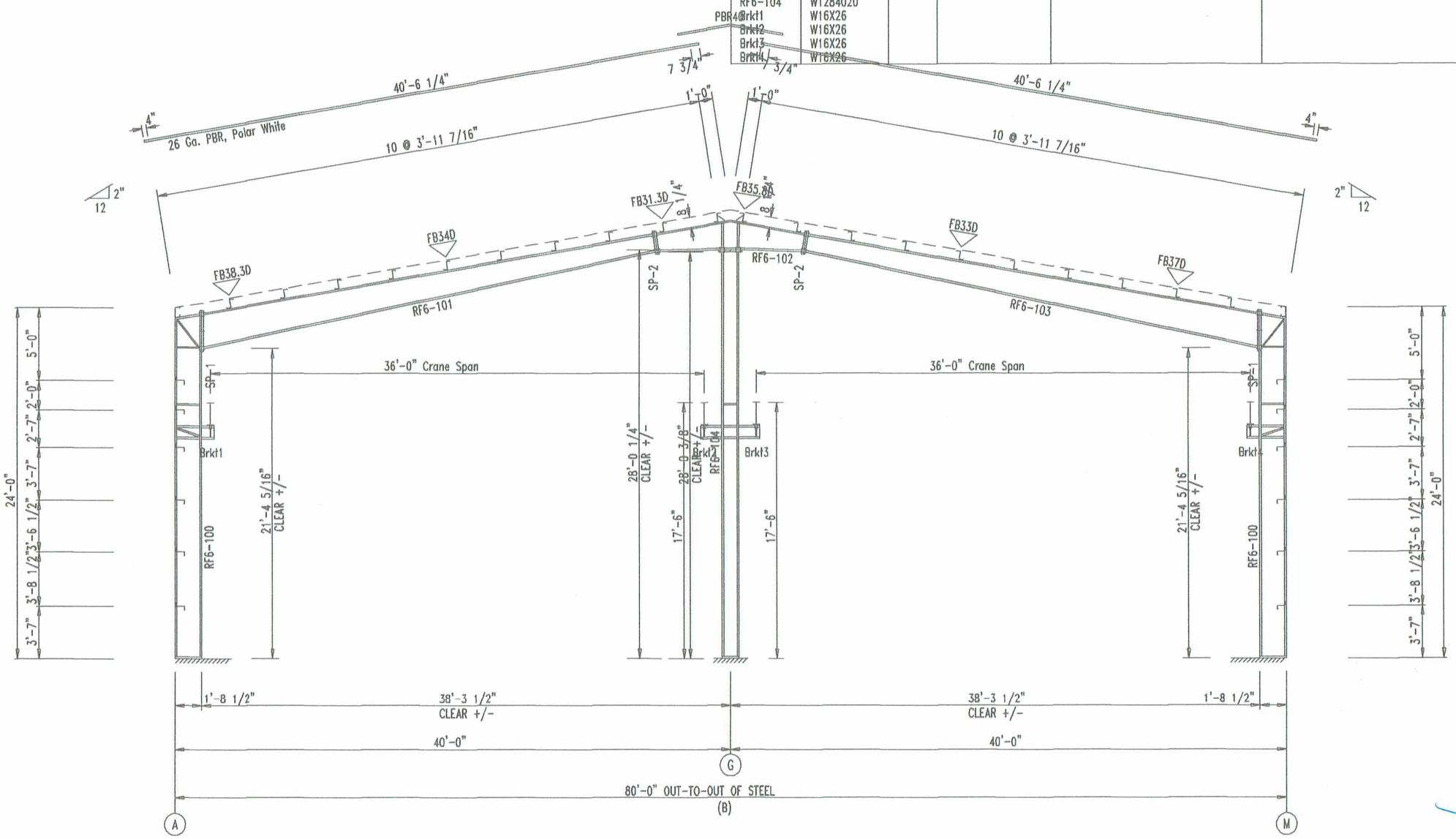
REVISIONS			
NO.	NOTES	BY	DATE
--	--	--	00-00-00

STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER
F-11779
MAR 23 2023

SPLICE BOLT TABLE							CAP PLATE BOLTS				
Mark	Qty Top	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 Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF6-100	20.0/20.0	0.135	282.3	6 x 1/4" x 278.9 6 x 1/4" x 20.5	6 x 1/4" x 251.8
RF6-101	26.0/16.0 16.0/12.0	0.135 0.135	288.0 114.4	6 x 1/4" x 398.0	6 x 1/4" x 402.6
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 53.2 6 x 1/4" x 53.2
RF6-103	12.0/16.0 16.0/26.0	0.135 0.135	114.4 288.0	6 x 1/4" x 398.0	6 x 1/4" x 402.6
RF6-104	W1284020				
Brkt1	W16X26				
Brkt2	W16X26				
Brkt3	W16X26				
Brkt4	W16X26				



RIGID FRAME ELEVATION: FRAME LINE 9

JNL STEEL COMPONENTS, INC.
BUILD IT WITH STEEL BUILD IT TO LAST
432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

SHEET NAME/TITLE
RIGID FRAME ELEVATION

DRAWN BY	DATE
BN	5/27/22
CHECKED BY	DATE
BN	5/27/22
APPROVED BY	DATE
	5/27/22

SHEET NO.	REV.	SCALE
E12 of 25	-	NTS

REVISIONS

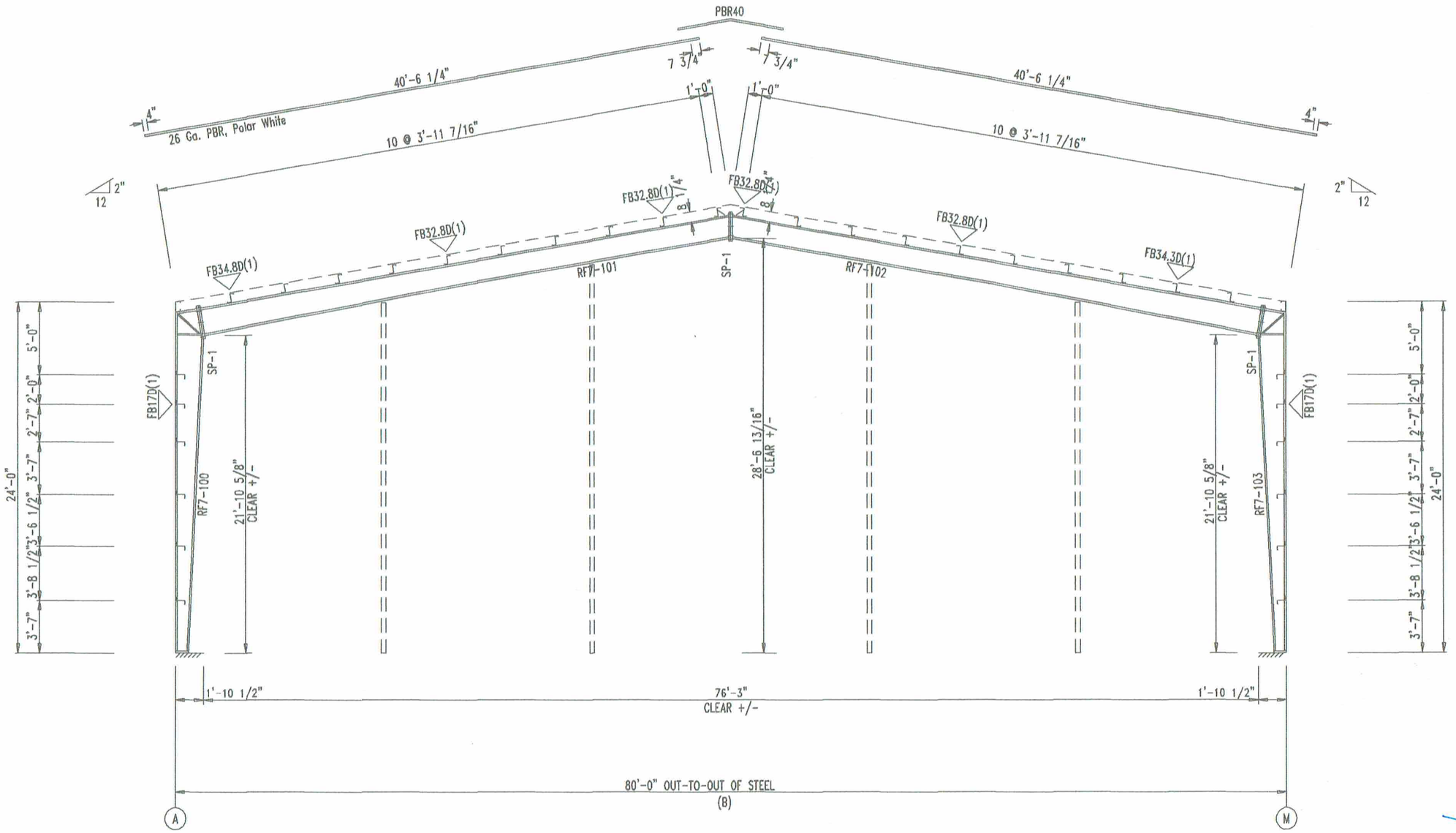
NO.	NOTES	BY	DATE
--	--	--	00-00-00

STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER
F-11779
MAR 23 2023

SPLICE BOLT TABLE						
Mark	Qty Top	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 Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF7-100	8.0/22.0	0.135	281.9	6 x 1/4" x 278.9 6 x 1/4" x 18.5	6 x 1/4" x 258.5
RF7-101	20.0/16.0 16.0/16.0	0.135 0.135	226.6 240.0	6 x 1/4" x 466.6	6 x 1/4" x 226.6 6 x 1/4" x 237.3
RF7-102	16.0/16.0 16.0/20.0	0.135 0.135	240.0 226.6	6 x 1/4" x 466.6	6 x 1/4" x 237.3 6 x 1/4" x 226.6
RF7-103	22.0/ 8.0	0.135	281.9	6 x 1/4" x 18.5 6 x 1/4" x 278.9	6 x 1/4" x 258.5



RIGID FRAME ELEVATION: FRAME LINE 10

JNL STEEL COMPONENTS, INC.
BUILD IT WITH STEEL BUILD IT TO LAST

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

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

SHEET NAME/TITLE
RIGID FRAME ELEVATION

DRAWN BY	DATE
BN	5/27/22
CHECKED BY	DATE
BN	5/27/22
APPROVED BY	DATE
.	5/27/22

SHEET NO.	REV.	SCALE
E13 of 25	-	NTS

REVISIONS			
NO.	NOTES	BY	DATE
--	--	--	00-00-00

STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER

F-11779
MAR 23 2023

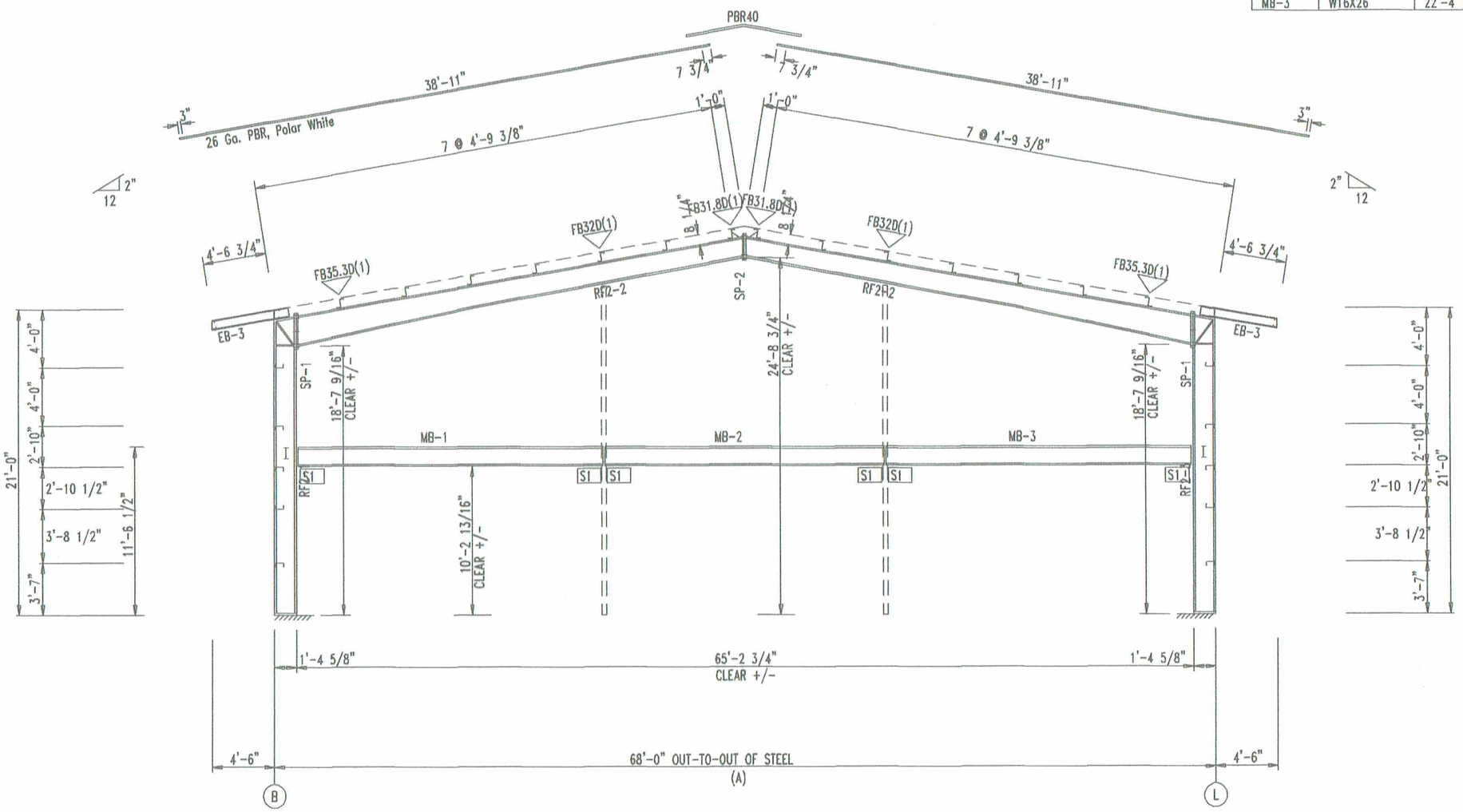
SPLICE BOLT TABLE						
Mark	Qty Top	Bot	Int	Type	Dia	Length
SP-1	4	4	2	A325	0.750	2.50
SP-2	4	4	0	A325	0.750	2.50

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

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

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF2-1	16.0/16.0	0.135	209.5	6 x 1/4" x 242.8	6 x 3/8" x 219.0
	16.0/16.0	0.134	36.0	6 x 3/8" x 16.4	
RF2-2	22.0/16.0	0.135	159.3	6 x 1/4" x 395.6	6 x 1/4" x 159.4
	16.0/14.0	0.135	240.0		6 x 1/4" x 237.6
RF2-3	16.0/16.0	0.134	36.0	6 x 3/8" x 16.4	6 x 3/8" x 219.0
	16.0/16.0	0.135	209.5	6 x 1/4" x 242.8	
EB-3	W8X10				

BEAM TABLE		
Mark	Part	Length
MB-1	W16X26	22'-4 1/4"
MB-2	W16X26	20'-2 3/4"
MB-3	W16X26	22'-4 1/4"



RIGID FRAME ELEVATION: FRAME LINE 2

JNL STEEL COMPONENTS, INC.
BUILD IT WITH STEEL BUILD IT TO LAST
432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

SHEET NAME/TITLE
RIGID FRAME ELEVATION

DRAWN BY	DATE
BN	5/27/22
CHECKED BY	DATE
BN	5/27/22
APPROVED BY	DATE
.	5/27/22

SHEET NO.	REV.	SCALE
E14 of 25	-	NTS

REVISIONS			
NO.	NOTES	BY	DATE
--	--	--	00-00-00

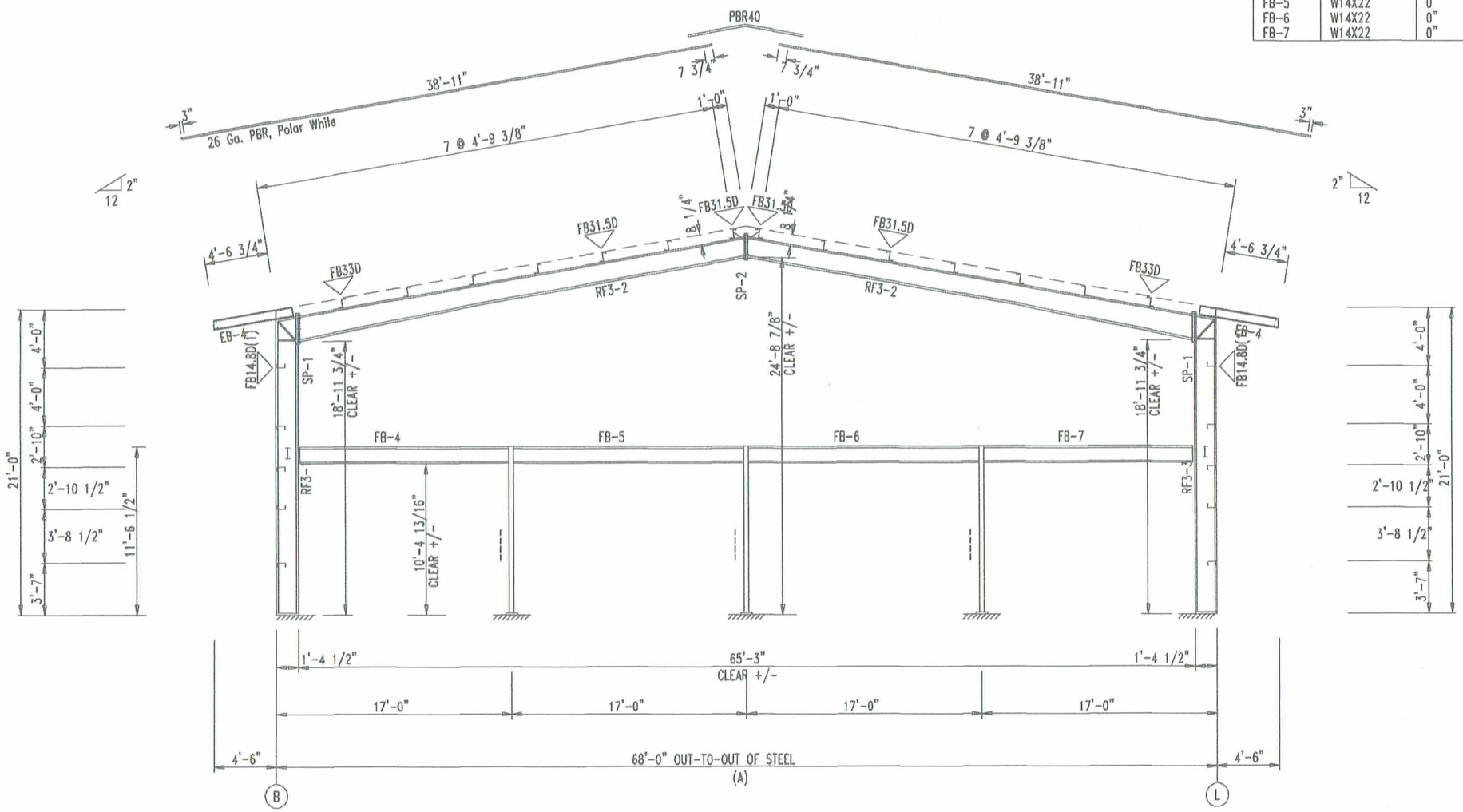
STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER
F-11779
MAR 23 2023

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

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

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF3-1	16.0/16.0	0.135	245.6	6 x 1/4" x 242.9 6 x 1/4" x 16.4	6 x 1/4" x 223.3
RF3-2	18.0/14.0 14.0/14.0	0.135 0.135	158.6 240.0	6 x 1/4" x 395.6	6 x 1/4" x 158.7 6 x 1/4" x 237.6
RF3-3	16.0/16.0	0.135	245.6	6 x 1/4" x 16.4 6 x 1/4" x 242.9	6 x 1/4" x 223.3
EB-4	W8X10				

BEAM TABLE		
Mark	Part	Length
----	T040040B	0"
FB-4	W14X22	0"
FB-5	W14X22	0"
FB-6	W14X22	0"
FB-7	W14X22	0"



RIGID FRAME ELEVATION: FRAME LINE 3

BUILD IT WITH STEEL BUILD IT TO LAST
JNL STEEL COMPONENTS, INC.
432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

SHEET NAME/TITLE
RIGID FRAME ELEVATION

DRAWN BY	DATE
BN	5/27/22
CHECKED BY	DATE
BN	5/27/22
APPROVED BY	DATE
.	5/27/22

SHEET NO.	REV.	SCALE
E15 of 25	-	NTS

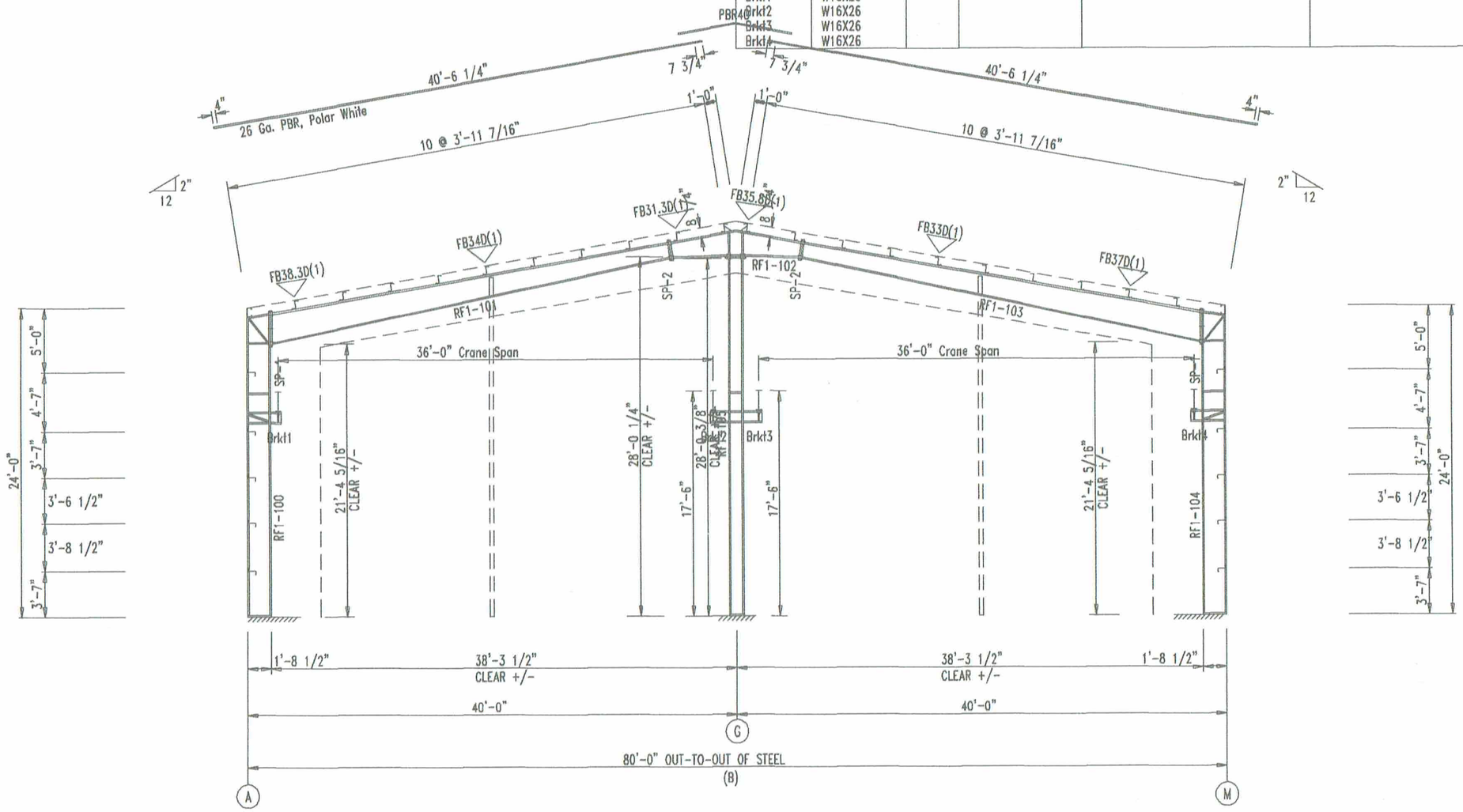
REVISIONS			
NO.	NOTES	BY	DATE
--	--	--	00-00-00

STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER
F-11779
MAR 23 2023

SPLICE BOLT TABLE							CAP PLATE BOLTS				
Mark	Qty Top	Bot	Int	Type	Dia	Length	Mark	Qty	Type	Dia	Length
SP-1	4	4	2	A325	0.750	2.50	RF1-105	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 Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF1-100	20.0/20.0	0.135	246.3	6 x 1/4" x 278.9	6 x 1/4" x 251.8
	20.0/20.0	0.134	36.0	6 x 1/4" x 20.5	
RF1-101	26.0/16.0	0.135	288.0	6 x 1/4" x 398.0	6 x 1/4" x 402.6
	16.0/12.0	0.135	114.4		
RF1-102	12.1/22.8	0.135	130.3	6 x 1/4" x 66.0	6 x 1/4" x 53.2
				6 x 1/4" x 66.0	6 x 1/4" x 53.2
RF1-103	12.0/16.0	0.135	114.4	6 x 1/4" x 398.0	6 x 1/4" x 402.6
	16.0/26.0	0.135	288.0		
RF1-104	20.0/20.0	0.134	36.0	6 x 1/4" x 20.5	6 x 1/4" x 251.8
	20.0/20.0	0.135	246.3	6 x 1/4" x 278.9	
RF1-105	W1284020				
Brkt1	W16X26				
Brkt2	W16X26				
Brkt3	W16X26				
Brkt4	W16X26				



RIGID FRAME ELEVATION: FRAME LINE 4

JNL STEEL COMPONENTS, INC.
BUILD IT WITH STEEL BUILD IT TO LAST
432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

SHEET NAME/TITLE
RIGID FRAME ELEVATION

DRAWN BY	DATE
BN	5/27/22
CHECKED BY	DATE
BN	5/27/22
APPROVED BY	DATE
.	5/27/22
SHEET NO. REV.	SCALE
E16 of 25 -	NTS

REVISIONS

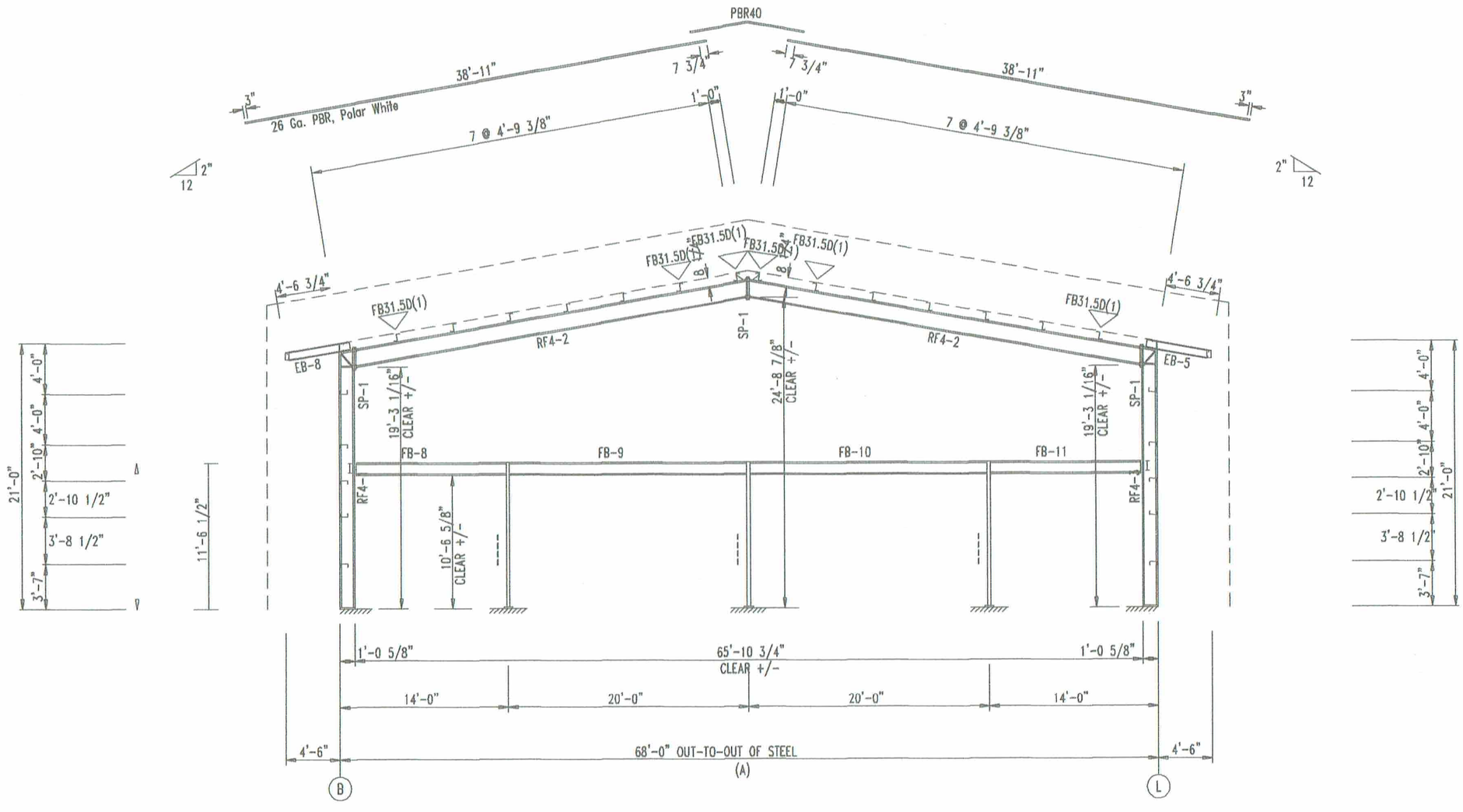
NO.	NOTES	BY	DATE
--	--	--	00-00-00

STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER
F-11779
MAR 2 3 2023

SPLICE BOLT TABLE						
Mark	Qty Top	Bot	Int	Type	Dia	Length
SP-1	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 Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF4-1	12.0/12.0	0.135	244.9	6 x 1/4" x 242.9 6 x 1/4" x 12.4	6 x 1/4" x 103.5 6 x 3/8" x 123.2
RF4-2	14.0/14.0 14.0/14.0	0.135 0.135	288.0 113.8	6 x 1/4" x 399.4	6 x 3/8" x 165.8 6 x 1/4" x 233.6
RF4-3	12.0/12.0	0.135	244.9	6 x 1/4" x 12.4 6 x 1/4" x 242.9	6 x 3/8" x 111.2 6 x 1/4" x 115.5
EB-5	W8X10				
EB-8	W8X10				



RIGID FRAME ELEVATION: FRAME LINE 4

JNL STEEL COMPONENTS, INC.
BUILD IT WITH STEEL BUILD IT TO LAST

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

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

SHEET NAME/TITLE
RIGID FRAME ELEVATION

DRAWN BY	DATE
BN	5/27/22
CHECKED BY	DATE
BN	5/27/22
APPROVED BY	DATE
	5/27/22
SHEET NO. REV.	SCALE
E17 of 25 -	NTS

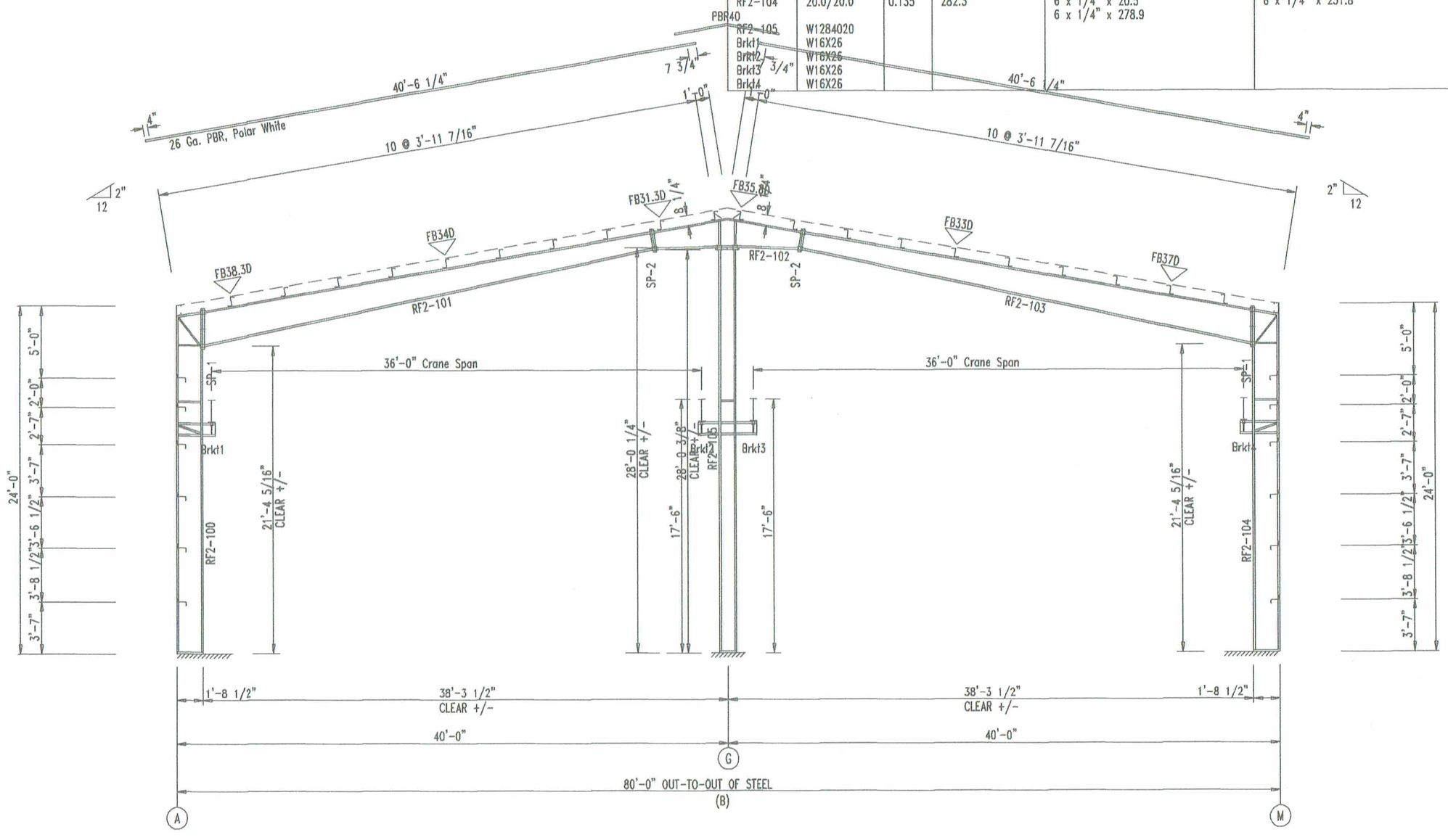
REVISIONS			
NO.	NOTES	BY	DATE
--	--	--	00-00-00

STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER
F-11779
MAR 23 2023

SPLICE BOLT TABLE							CAP PLATE BOLTS				
Mark	Qty Top	Bot	Int	Type	Dia	Length	Mark	Qty	Type	Dia	Length
SP-1	4	4	2	A325	0.750	2.50	RF2-105	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 Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF2-100	20.0/20.0	0.135	282.3	6 x 1/4" x 278.9 6 x 1/4" x 20.5	6 x 1/4" x 251.8
RF2-101	26.0/16.0 16.0/12.0	0.135 0.135	288.0 114.4	6 x 1/4" x 398.0	6 x 1/4" x 402.6
RF2-102	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 53.2 6 x 1/4" x 53.2
RF2-103	12.0/16.0 16.0/26.0	0.135 0.135	114.4 288.0	6 x 1/4" x 398.0	6 x 1/4" x 402.6
RF2-104	20.0/20.0	0.135	282.3	6 x 1/4" x 20.5 6 x 1/4" x 278.9	6 x 1/4" x 251.8
RF2-105	W1284020				
Brkt1	W16X26				
Brkt2	W16X26				
Brkt3	W16X26				
Brkt4	W16X26				



RIGID FRAME ELEVATION: FRAME LINE 5

JNL STEEL COMPONENTS, INC.
BUILD IT WITH STEEL BUILD IT TO LAST
432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

SHEET NAME/TITLE
RIGID FRAME ELEVATION

DRAWN BY	DATE
BN	5/27/22
CHECKED BY	DATE
BN	5/27/22
APPROVED BY	DATE
.	5/27/22

SHEET NO.	REV.	SCALE
E18 of 25	-	NTS

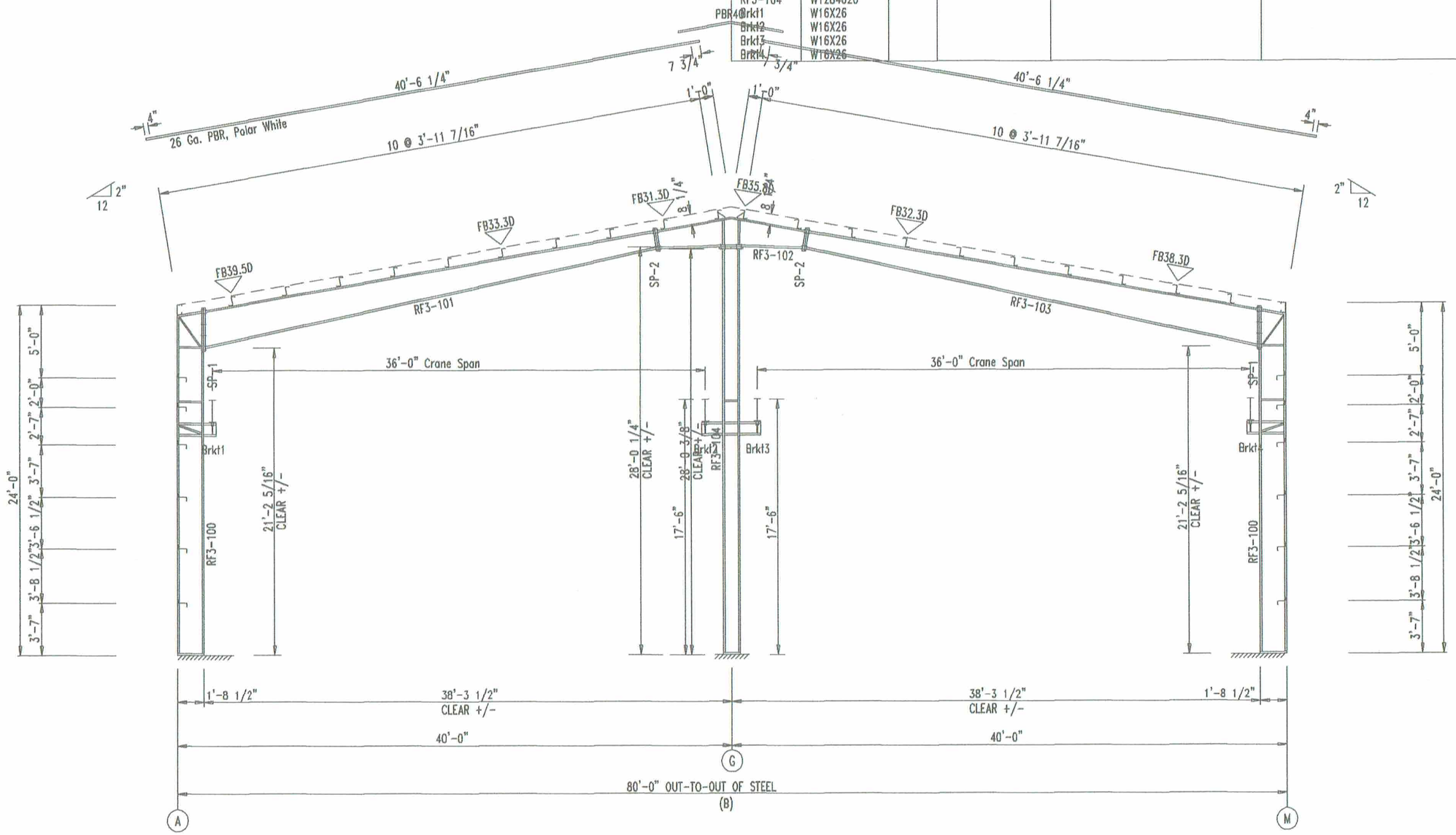
REVISIONS			
NO.	NOTES	BY	DATE
--	--	--	00-00-00

STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER
F-11779
MAR 23 2023

SPLICE BOLT TABLE							CAP PLATE BOLTS				
Mark	Qty Top	Bot	Int	Type	Dia	Length	Mark	Qty	Type	Dia	Length
SP-1	4	4	4	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

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF3-100	20.0/20.0	0.135	282.3	6 x 1/4" x 278.9 6 x 1/4" x 20.5	6 x 1/4" x 249.8
RF3-101	28.0/16.6 16.6/12.0	0.135 0.135	288.0 114.7	6 x 1/4" x 398.0	6 x 1/4" x 403.0
RF3-102	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 53.2 6 x 1/4" x 53.2
RF3-103	12.0/16.6 16.6/28.0	0.135 0.135	114.7 288.0	6 x 1/4" x 398.0	6 x 1/4" x 403.0
RF3-104	W12X40				
Brkt1	W16X26				
Brkt2	W16X26				
Brkt3	W16X26				
Brkt4	W16X26				



RIGID FRAME ELEVATION: FRAME LINE 6

JNL STEEL COMPONENTS, INC.
BUILD IT WITH STEEL BUILD IT TO LAST
432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

SHEET NAME/TITLE
RIGID FRAME ELEVATION

DRAWN BY	DATE
BN	5/27/22
CHECKED BY	DATE
BN	5/27/22
APPROVED BY	DATE
.	5/27/22
SHEET NO. / REV.	SCALE
E19 of 25 -	NTS

REVISIONS

NO.	NOTES	BY	DATE
--	--	--	00-00-00

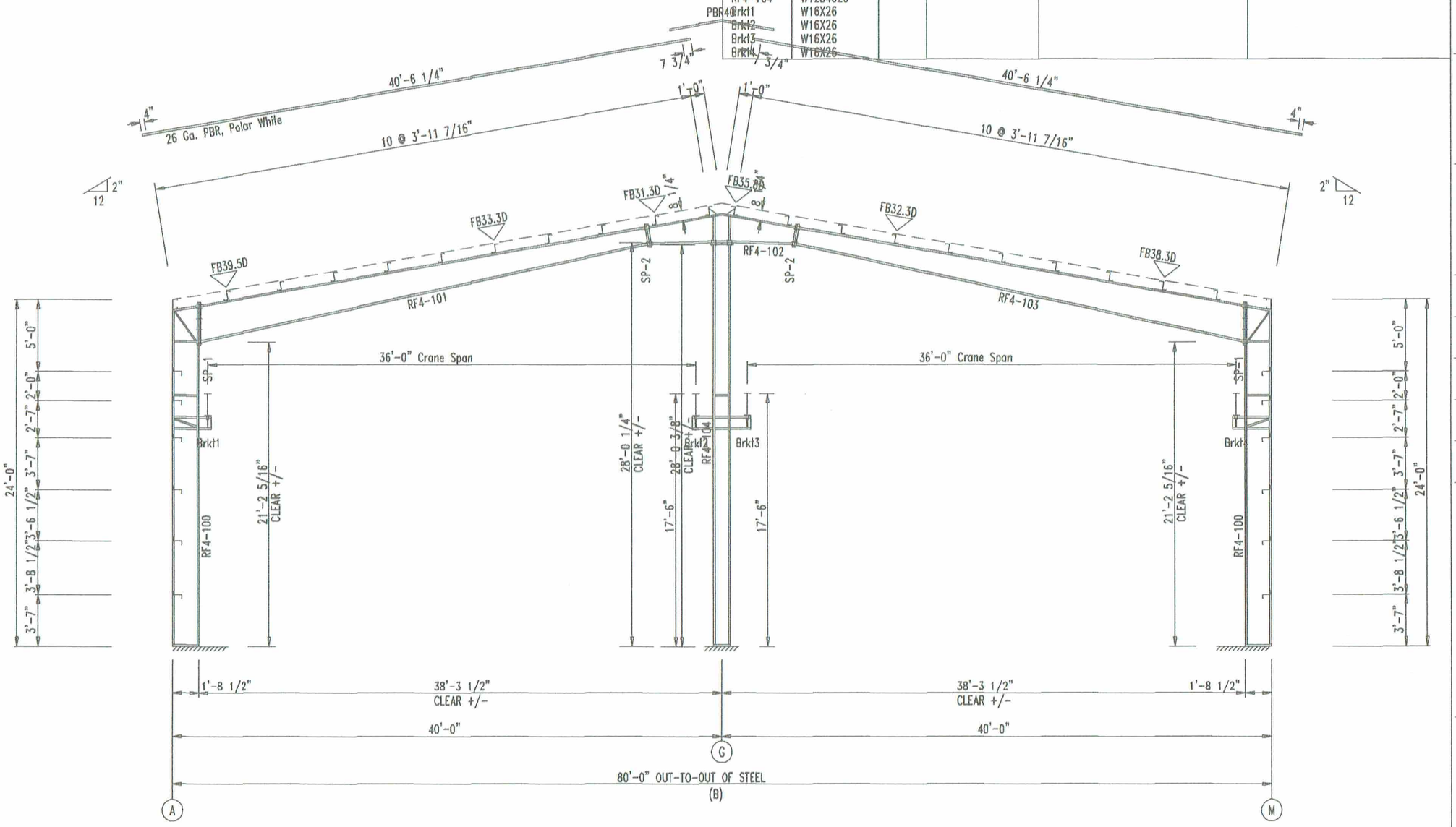
STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER

F-11779
MAR 23 2023

SPLICE BOLT TABLE							CAP PLATE BOLTS				
Mark	Qty Top	Bot	Int	Type	Dia	Length	Mark	Qty	Type	Dia	Length
SP-1	4	4	4	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 Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF4-100	20.0/20.0	0.135	282.3	6 x 1/4" x 278.9 6 x 1/4" x 20.5	6 x 1/4" x 249.8
RF4-101	28.0/16.6 16.6/12.0	0.135 0.135	288.0 114.7	6 x 1/4" x 398.0	6 x 1/4" x 403.0
RF4-102	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 53.2 6 x 1/4" x 53.2
RF4-103	12.0/16.6 16.6/28.0	0.135 0.135	114.7 288.0	6 x 1/4" x 398.0	6 x 1/4" x 403.0
RF4-104	W1284020				
PBR4@Brkt1	W16X26				
Brkt2	W16X26				
Brkt3	W16X26				
Brkt4	W16X26				



RIGID FRAME ELEVATION: FRAME LINE 7

JNL STEEL COMPONENTS, INC.
BUILD IT WITH STEEL BUILD IT TO LAST
432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

SHEET NAME/TITLE
RIGID FRAME ELEVATION

DRAWN BY	DATE
BN	5/27/22
CHECKED BY	DATE
BN	5/27/22
APPROVED BY	DATE
.	5/27/22

SHEET NO.	REV.	SCALE
E20 of 25	-	NTS

REVISIONS

NO.	NOTES	BY	DATE
--	--	--	00-00-00

STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER

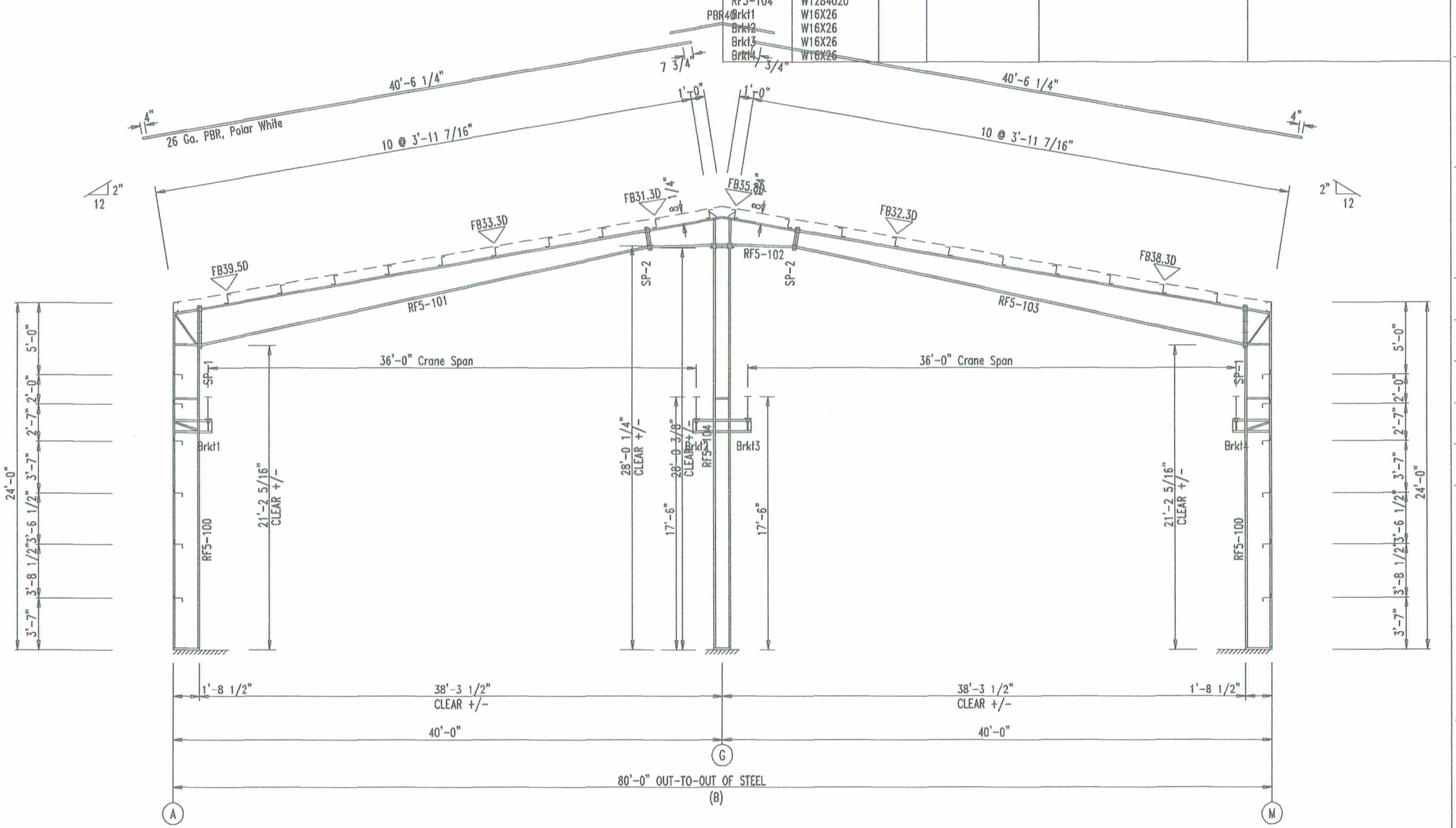
F-11779
MAR 23 2023

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

CAP PLATE BOLTS				
Mark	Qty	Type	Dia	Length
RF5-104	8	A325	0.750	2.50

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

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF5-100	20.0/20.0	0.135	282.3	6 x 1/4" x 278.9 6 x 1/4" x 20.5	6 x 1/4" x 249.8
RF5-101	28.0/16.6 16.6/12.0	0.135 0.135	288.0 114.7	6 x 1/4" x 398.0	6 x 1/4" x 403.0
RF5-102	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 53.2 6 x 1/4" x 53.2
RF5-103	12.0/16.6 16.6/28.0	0.135 0.135	114.7 288.0	6 x 1/4" x 398.0	6 x 1/4" x 403.0
RF5-104	W1284020				
PBR4@Brkt1	W16X26				
Brkt2	W16X26				
Brkt3	W16X26				
Brkt4	W16X26				



RIGID FRAME ELEVATION: FRAME LINE 8

JNL STEEL COMPONENTS, INC.
BUILD IT WITH STEEL BUILD IT TO LAST
432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

SHEET NAME/TITLE
RIGID FRAME ELEVATION

DRAWN BY BN	DATE 5/27/22
CHECKED BY BN	DATE 5/27/22
APPROVED BY .	DATE 5/27/22
SHEET NO. E21 of 25	REV. --
SCALE NTS	

REVISIONS

NO.	NOTES	BY	DATE
--	--	--	00-00-00

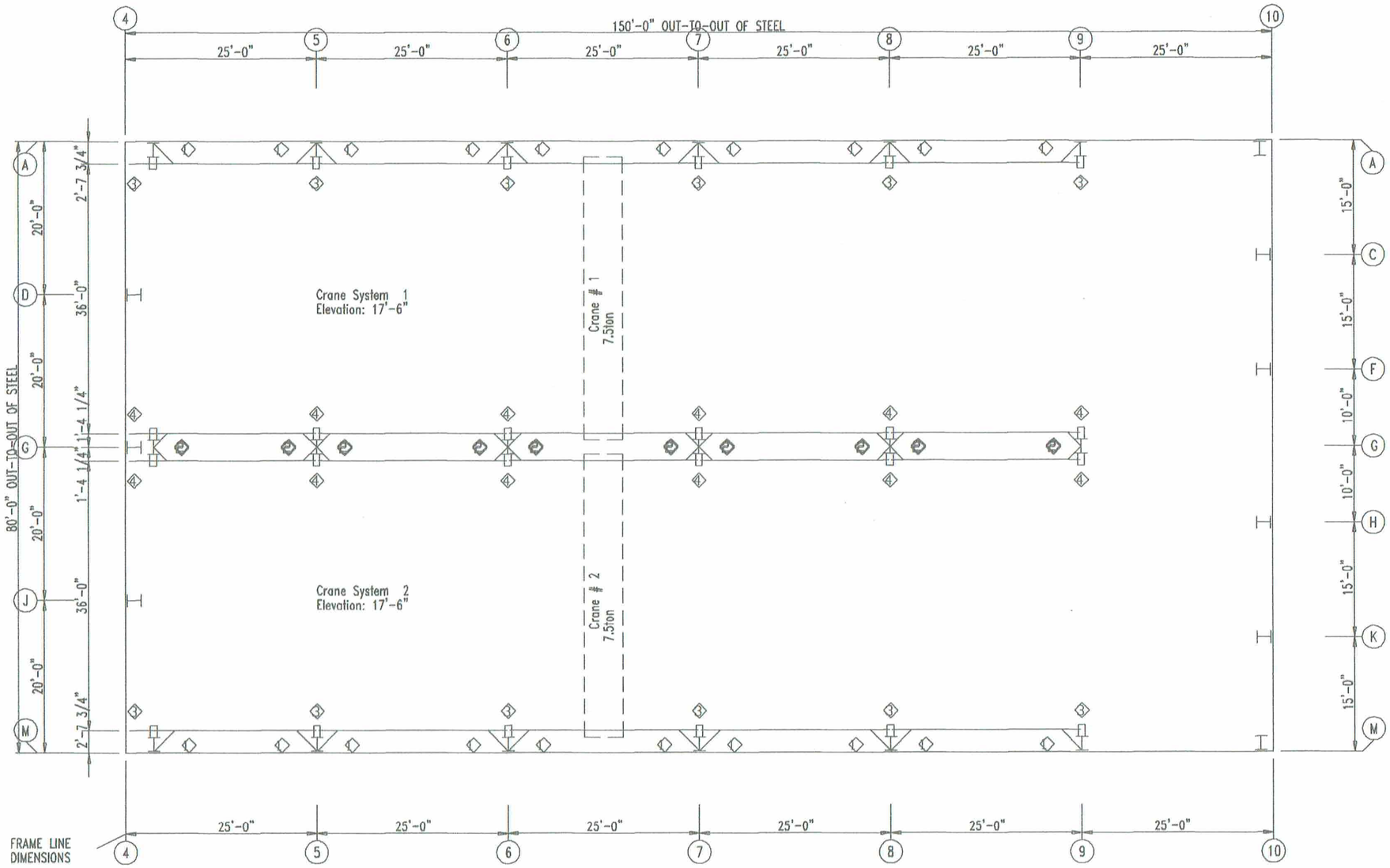
STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER

F-11779
MAR 23 2023

MEMBER TABLE		
Mark	Part	Length

PLATE TABLE			
Part	Web Depth x Thick	Top Flange Width x Thick	Bottom Flange Width x Thick

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



CRANE PLAN

Crane Specs For Crane System #1:			
	Crane #1	Crane #2	Crane #3
Capacity:	15 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 %	%	%

BUILD IT WITH STEEL BUILD IT TO LAST
JNL STEEL COMPONENTS, INC.
432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

SHEET NAME/TITLE
CRANE PLAN

DRAWN BY	DATE
BN	5/27/22
CHECKED BY	DATE
BN	5/27/22
APPROVED BY	DATE
.	5/27/22

SHEET NO.	REV.	SCALE
E22 of 25-		NTS

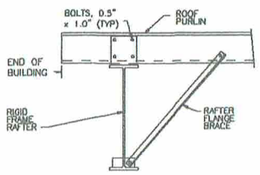
REVISIONS

NO.	NOTES	BY	DATE
--	--	--	00-00-00

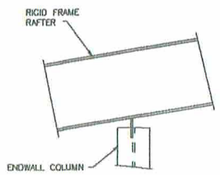
STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER

F-11779

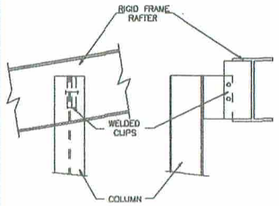
MAR 23 2023



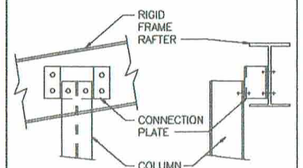
A10 ROOF PURLIN TO EXPANDABLE ENDWALL RIGID FRAME



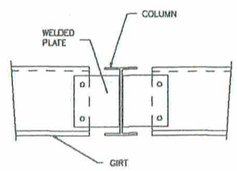
B19 COLUMN TO RIGID FRAME RAFTER



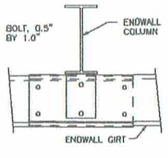
B35 R/W COLUMN TO RIGID FRAME RAFTER



B44 R/W COLUMN TO RIGID FRAME RAFTER

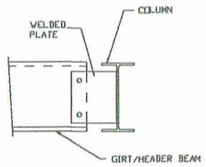


C6 GIRT TO COLUMN

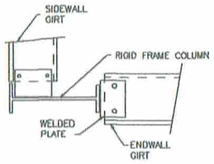


NOTE: FLANGE BRACES MAY BE PRESENT

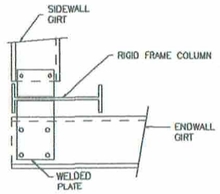
C12 ENDWALL COLUMN TO WALL GIRT



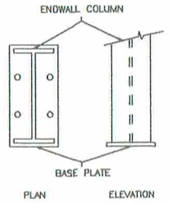
C15 GIRT/HEADER BEAM TO R/W COLUMN



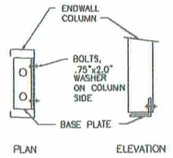
D13 CORNER COLUMN TO WALL GIRT



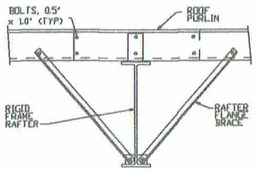
D14 CORNER COLUMN TO WALL GIRT



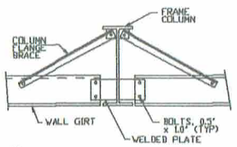
E3 BASE PLATE FOR ENDWALL COLUMN



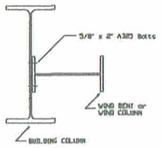
E6 BASE PLATE FOR ENDWALL COLUMN OR DOOR JAMB



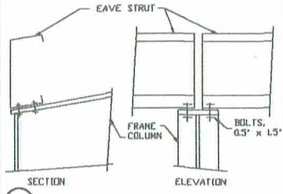
G2 ROOF PURLIN TO INTERIOR FRAME RAFTER



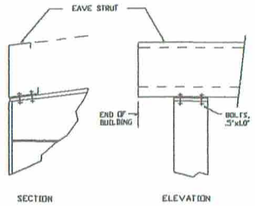
H6 WALL GIRT TO FRAME COLUMN



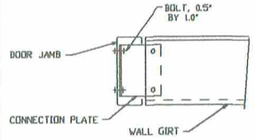
H9 WIND BENT OR WIND COLUMN TO BUILDING COLUMN



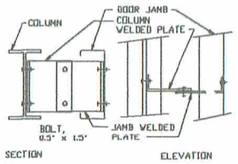
J1 EAVE STRUT TO RIGID FRAME



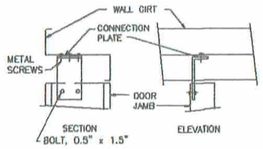
J23 EAVE STRUT TO RIGID FRAME



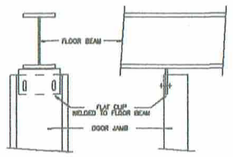
K2 WALL GIRT TO DOOR JAMB



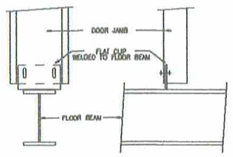
K5 WALL COLUMN TO DOOR JAMB



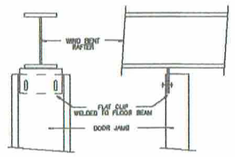
L6 DOOR JAMB TO WALL GIRT



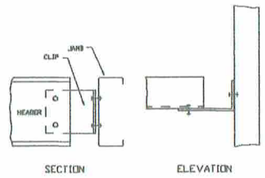
L71 DOOR JAMB TO FLOOR BEAM



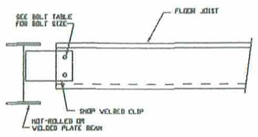
L75 DOOR JAMB TO FLOOR BEAM



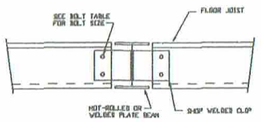
L79 DOOR JAMB TO WIND BENT



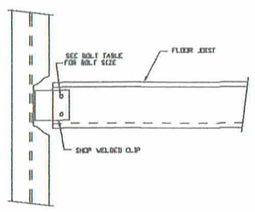
M1 HEADER TO C JAMB



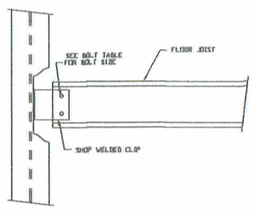
N32 FLOOR JOIST TO BEAM



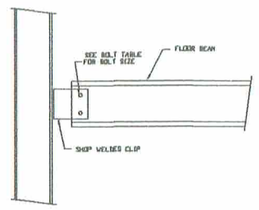
N35 FLOOR JOIST TO BEAM



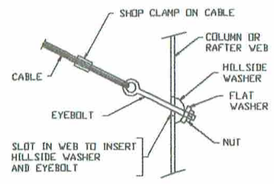
N44 FLOOR JOIST TO COLUMN WEB



N49 FLOOR BEAM TO COLUMN WEB



N52 FLOOR BEAM TO COLUMN FLANGE



Q2 DIAGONAL CABLE, EYEBOLT END

BUILD IT WITH STEEL — BUILD IT TO LAST
JNL STEEL COMPONENTS, INC.
432-758-9900
430 US HWY 180 W
SEMINOLE, TX 79360

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

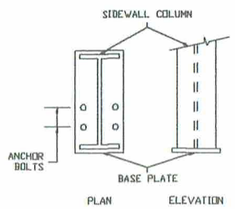
SHEET NAME/TITLE
DETAIL DRAWINGS

DRAWN BY	DATE
BN	5/27/22
CHECKED BY	DATE
BN	5/27/22
APPROVED BY	DATE
.	5/27/22
SHEET NO. / REV.	SCALE
E24 of 25-	NTS

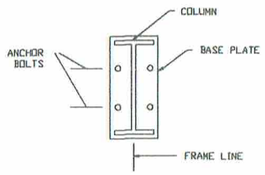
REVISIONS

NO.	NOTES	BY	DATE
--	--	--	00-00-00

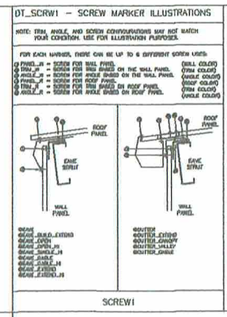
STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER
F-11779
MAR 23 2023

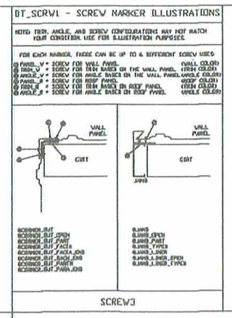


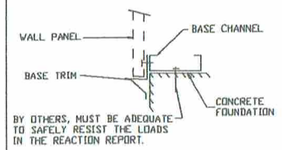
R2 ANCHOR BOLTS AT SIDEWALL COLUMN



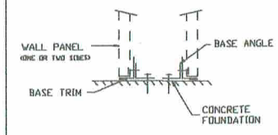
S1 INTERIOR COLUMN ANCHOR BOLTS



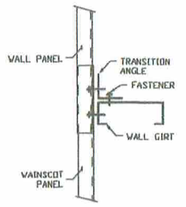




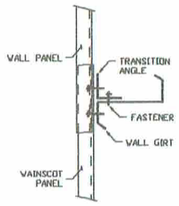
T2 SECTION THRU WALL PANEL AND CONCRETE FOUNDATION



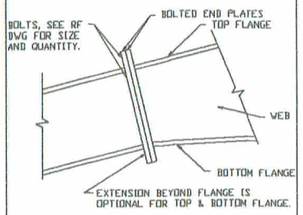
T10 SECTION THRU PARTITION BASE AND CONCRETE FLOOR



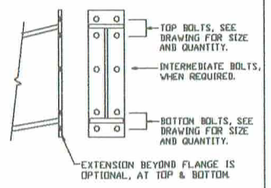
T19 TRANSITION FROM WALL PANEL TO WAINSCOT WITH PANELS LAPPED



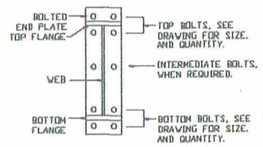
T22 TRANSITION FROM WALL PANEL TO WAINSCOT WITH PANELS LAPPED



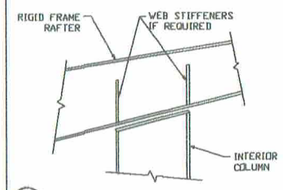
U1 BOLTED END PLATE RAFTER SPLICE



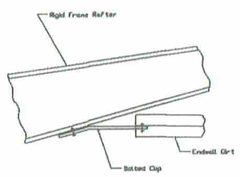
U2 BOLTED END PLATE CONNECTION AT BUILDING PEAK



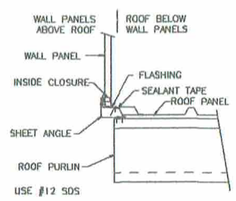
U3 BOLTS FOR RAFTER TO COLUMN CONNECTION



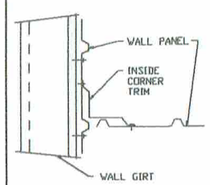
V1 INTERIOR COLUMN TO RAFTER



W4 SECTION OF ENDWALL GIRT TO RAFTER



X1 SECTION THRU WALL PANELS ABOVE ROOF



X2 SECTION THRU INSIDE CORNER OF WALL

BUILD IT WITH STEEL. BUILD IT TO LAST.

JNL STEEL COMPONENTS, INC.

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

CUSTOMER INFO

PROJECT
PB50454

BASIN SOUTH #2 "SHERMAN"
W Basin St
ODESSA TEXAS 79706

SHEET NAME/TITLE
DETAIL DRAWINGS

DRAWN BY	DATE
BN	5/27/22
CHECKED BY	DATE
BN	5/27/22
APPROVED BY	DATE
	5/27/22
SHEET NO. / REV.	SCALE
E25 of 25-	NTS

REVISIONS

NO.	NOTES	BY	DATE
--	--	--	00-00-00

STATE OF TEXAS
EDUARDO M. VARIAS
88236
LICENSED
PROFESSIONAL ENGINEER

F-11779
MAR 23 2023