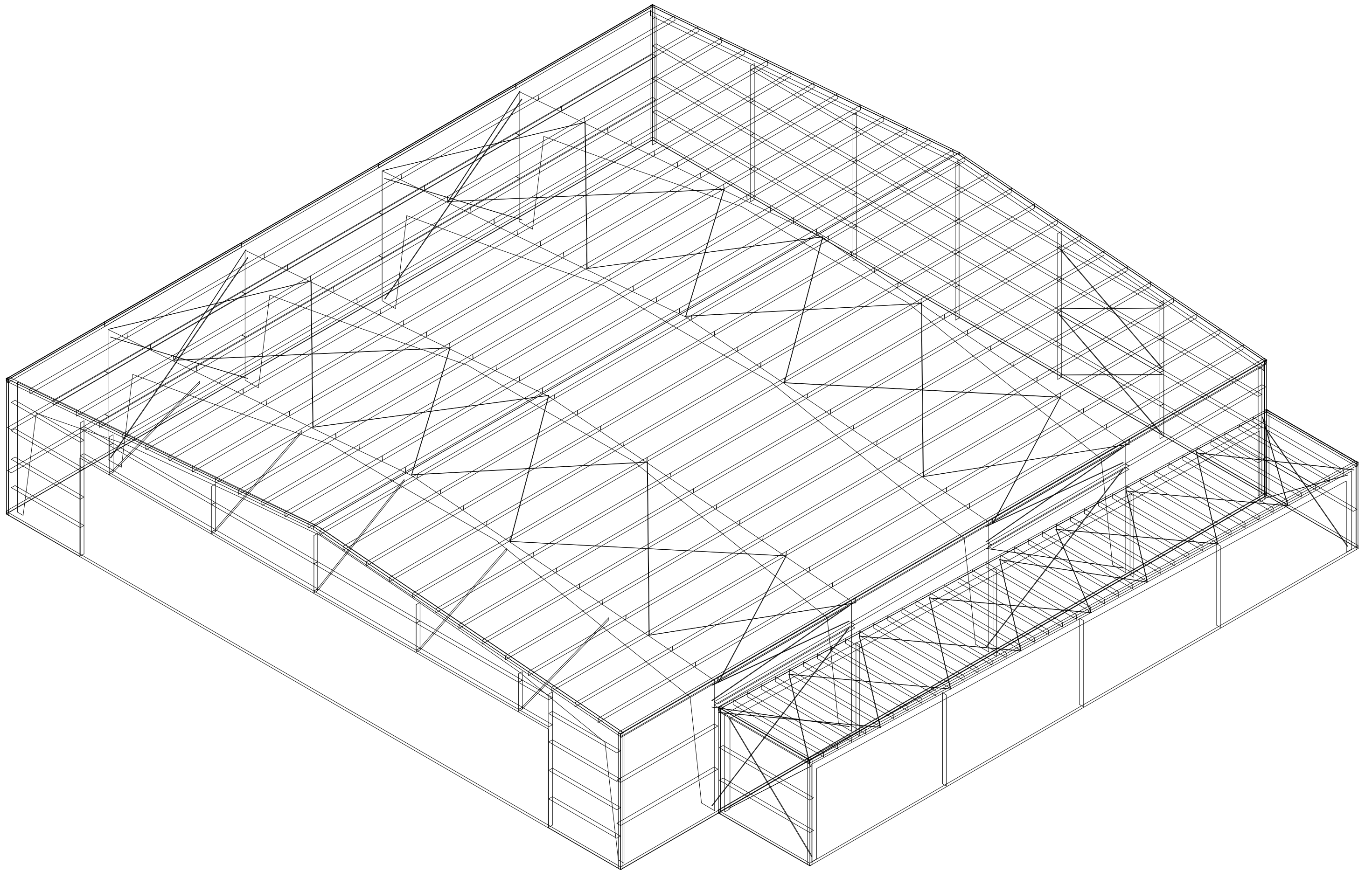
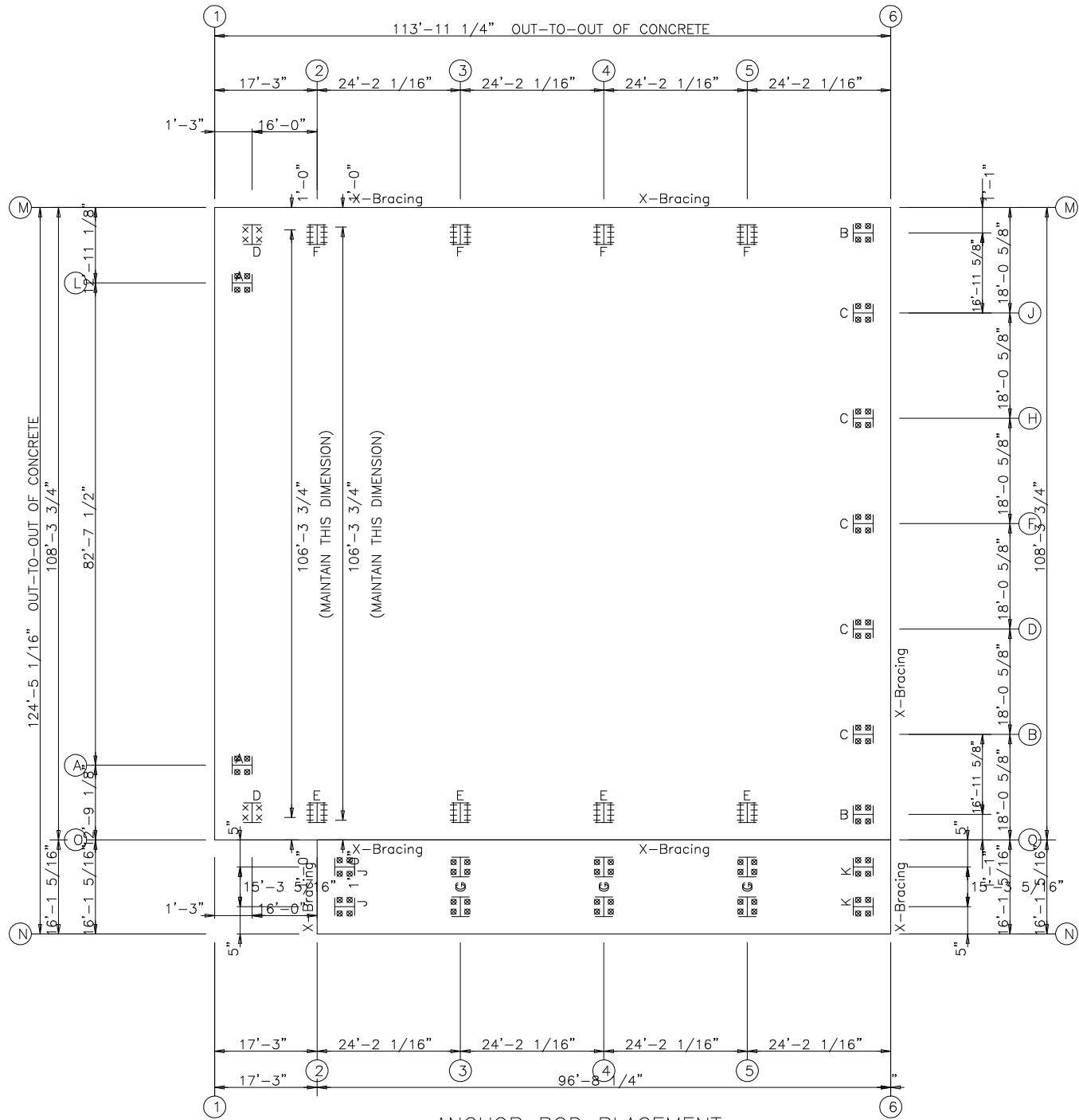
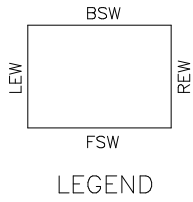
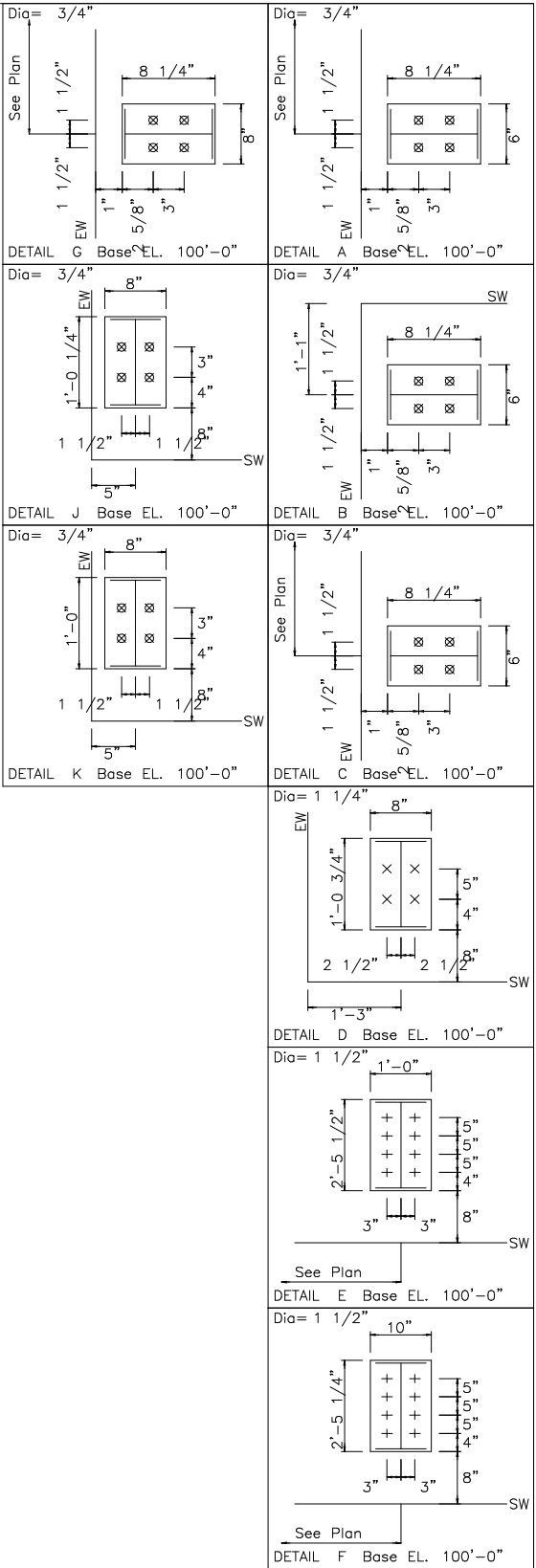






ANCHOR ROD PLACEMENT
NOTE: Main Floor Elevation @ 100'-0" (U.N.)

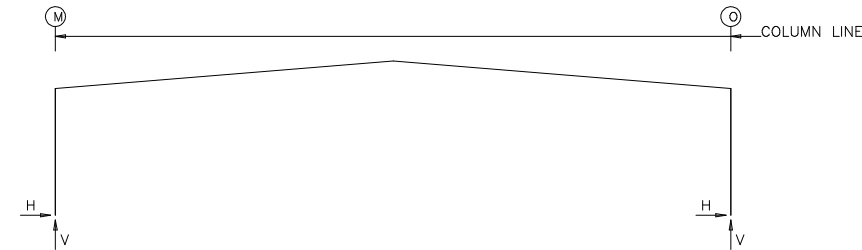


Quote Reviewed and Accepted By_____

- GENERAL NOTES
- BEHLEN INDUSTRIES LP ASSUMES NO RESPONSIBILITY OR LIABILITY FOR FOUNDATION DESIGN OR CONSTRUCTION.
 - THE FOUNDATION DESIGN SHOULD BE DONE WITH DUE REGARD TO ADEQUATE PROVISIONS FOR THE DESIGN LOADS AND SOIL CONDITIONS AT THE ACTUAL JOB SITE.
 - ANCHOR RODS NOT BY BEHLEN INDUSTRIES LP.

PRELIMINARY				CUSTOMER:		PROJECT:		SHEET
				DEALER:		LOCATION:		ISSUE
				ANCHOR ROD PLAN & DETAILS				0
				0	FOR CONSTRUCTION			
ISSUE	DESCRIPTION	CHECKED BY	YY/MM/DD	SCALE: N.T.S.	S.O. #	120 EASTVIEW DRIVE, WINKLER, MANITOBA, R6W 0K3, 204-325-4368		

FRAME LINES: 1 2 3 4 5



RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc._Qty	Rod Dia	Base_Plate (in)			Grout (in)
				Width	Length	Thick	
1	M	4	1.250	8.000	12.75	0.500	0.0
1	O	4	1.250	8.000	12.75	0.500	0.0

RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc._Qty	Rod Dia	Base_Plate (in)			Grout (in)
				Width	Length	Thick	
2*	M	8	1.500	10.00	29.25	0.500	0.0
2*	O	8	1.500	12.00	29.50	0.500	0.0

2* Frame lines: 2 3 4 5

ENDWALL COLUMN: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc._Qty	Rod Dia	Base_Plate (in)			Grout (in)
				Width	Length	Thick	
1	L	4	0.750	6.000	8.250	0.500	0.0
1	A	4	0.750	6.000	8.250	0.500	0.0
6	O	4	0.750	6.000	8.250	0.500	0.0
6	B	4	0.750	6.000	8.250	0.500	0.0
6	D	4	0.750	6.000	8.250	0.500	0.0
6	F	4	0.750	6.000	8.250	0.500	0.0
6	H	4	0.750	6.000	8.250	0.500	0.0
6	J	4	0.750	6.000	8.250	0.500	0.0
6	M	4	0.750	6.000	8.250	0.500	0.0

BUILDING BRACING REACTIONS

—Wall—		Col		± Reactions(k)				Panel_Shear (lb/ft)		Note
Loc	Line	Line		Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Wind	Seis	
L_EW	1									(h)
F_SW	O	2,3	2.7	2.1	13.6	10.5				
		4,5	2.7	2.1	13.6	10.5				
R_EW	6	B,D	1.2	1.5	6.2	7.7				
B_SW	M	3,2	2.7	2.1	13.6	10.5				
		5,4	2.7	2.1	13.6	10.5				

(h)Rigid frame at endwall

RIGID FRAME: SPECIFIED 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	O	4.3	5.1	1.5	1.5	10.1	10.5	18.7	19.4	−9.0	−10.1	−6.9	−8.1
1	O	−4.3	5.1	−1.5	1.5	−10.1	10.5	−18.7	19.4	6.9	−8.1	9.0	−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
1	M	−2.3	−1.3	−0.3	0.7	−7.1	−9.8	−7.4	−8.3	−2.4	−0.8	2.4	0.8
1	O	0.3	0.7	2.3	−1.3	7.4	−8.3	7.1	−9.8	2.4	0.8	2.4	−0.8
Frame Line	Column Line	F1UNB_SL_L Horiz	F1UNB_SL_L Vert	F1UNB_SL_R Horiz	F1UNB_SL_R Vert								
1	M	14.0	17.0	14.0	12.1								
1	O	−14.0	12.1	−14.0	17.0								
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
2*	M	7.8	9.5	3.9	3.9	27.2	27.4	50.5	50.8	−19.1	−21.2	−15.4	−18.1
2*	O	−7.8	10.1	−3.9	3.9	−27.2	27.3	−50.5	50.8	15.5	−18.0	19.0	−21.2
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
2*	M	−1.1	1.7	2.6	4.9	−15.5	−20.8	−15.8	−18.5	−5.5	−1.9	5.5	1.9
2*	O	2.5	4.9	1.0	1.7	16.0	−18.4	15.4	−20.8	−5.8	1.9	5.8	−1.9
Frame Line	Column Line	F2UNB_SL_L Horiz	F2UNB_SL_L Vert	F2UNB_SL_R Horiz	F2UNB_SL_R Vert								
2*	M	38.1	44.6	37.5	31.6								
2*	O	−38.2	31.5	−37.4	44.6								
2*	Frame lines:		2	3	4	5							

GENERAL NOTES

- BEHLEN INDUSTRIES LP ASSUMES NO RESPONSIBILITY OR LIABILITY FOR FOUNDATION DESIGN OR CONSTRUCTION.
- ANCHOR RODS NOT BY BEHLEN INDUSTRIES LP.
- ALL REACTIONS ARE IN KIPS AND FT-KIPS (kN AND kN-m IF METRIC).
- 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.
- LOAD COMBINATIONS ARE TO BE APPLIED AS PER THE APPLICABLE BUILDING CODE FOR FOUNDATION DESIGN.
- ALL SPECIFIED LOADS AND BRACING REACTIONS INCLUDE THE IMPORTANCE FACTOR FOR STRENGTH ONLY.
- BRACING REACTIONS MAY REVERSE.
- BRACING REACTIONS ARE NOT COMBINED WITH SPECIFIED REACTIONS.
- SEISMIC DESIGN IS BASED ON CONVENTIONAL STEEL CONSTRUCTION SFRS WHERE Rd=1.5 AND Ro=1.3 U/N
- MINIMUM HORIZONTAL WIND LOAD ON PARTITION WALLS SUPPLIED BY BEHLEN IS 5.0 psf.
- ASSUMED CONCRETE STRENGTH = 2.9 Ksi
- DOORS AND WINDOWS MUST BE DESIGNED TO WITHSTAND APPROPRIATE WIND LOADS WITHOUT FAILURE.
- MAX/MIN REACTIONS ARE FACTORED PER LIMIT STATES LOAD COMBINATIONS FOR STRUCTURAL DESIGN.

SPECIFIED LOAD DEFINITIONS

DEAD	— Self weight of the building system.
COLLATERAL	— Mechanical, electrical, ceilings, sprinklers, etc.
LIVE	— Load due to intended use and occupancy.
SNOW	— Snow load.
DRIFT	— Snow Drift surcharge.
FLOOR	— Mezzanine Live load.
WIND_LEFT1	— Wind from left to right, with positive internal pressure.
WIND_RIGHT1	— Wind from right to left, with positive internal pressure.
WIND_LEFT2	— Wind from left to right, with negative internal pressure.
WIND_RIGHT2	— Wind from right to left, with negative internal pressure.
SEISMIC_LEFT	— Seismic force from left to right.
SEISMIC_RIGHT	— Seismic force from right to left.
UNB_LL	— Unbalanced Live Load.
UNB_SL	— Unbalanced Snow Load.
PAT_SL	— Pattern Snow Load.
CRANE	— Crane loads.
WIND_LONG	— Longitudinal Wind load.
SEISMIC_LONG	— Longitudinal Seismic load.
WIND_PRESS	— Wind Pressure.
WIND_SUCTION	— Wind Suction.
TEMP	— Temperature Change load.

ENDWALL COLUMN: SPECIFIED COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Press Horz	Suct Horz									
1	L	0.2	−0.9	0.8									
1	A	0.2	−0.9	0.8									

Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Snow Vert	Wind Left1 Vert	Wind Right1 Vert	Wind Left2 Vert	Wind Right2 Vert	Wind Press Horz	Wind Suct Horz	Wind Long1 Vert	Wind Long2 Vert
6	O	0.6	0.3	1.9	3.5	−2.0	−1.5	−0.2	0.3	−1.2	1.1	−1.9	−1.9
6	B	1.4	0.7	5.1	9.5	−5.2	−3.6	−0.9	0.7	−2.4	2.2	−5.2	−5.2
6	D	1.3	0.6	4.5	8.4	−4.8	−3.1	−1.0	0.6	−2.7	2.4	−4.6	−4.6
6	F	1.4	0.7	4.7	8.7	−3.7	−3.9	−0.2	−0.4	−2.9	2.6	−4.6	−4.6
6	H	1.3	0.6	4.5	8.4	−3.1	−4.7	0.6	−0.9	−2.7	2.4	−4.6	−4.6
6	J	1.4	0.7	5.1	9.5	−3.7	−5.2	0.6	−0.9	−2.4	2.2	−5.2	−5.2
6	M	0.6	0.3	1.9	3.5	−1.5	−2.0	0.3	−0.2	−1.2	1.1	−1.9	−1.9

Frm Line	Col Line	Seis Left Vert	Seis Right Vert	E2UNB_SL_L Horiz	E2UNB_SL_L Vert	E2UNB_SL_R Horiz	E2UNB_SL_R Vert	E2PAT_SL_1 Horiz	E2PAT_SL_1 Vert	E2PAT_SL_2 Horiz	E2PAT_SL_2 Vert	E2PAT_SL_3 Horiz	E2PAT_SL_3 Vert
6	O	0.0	0.0	0.0	3.6	0.0	1.8	0.0	1.9	0.0	−0.2	0.0	0.1
6	B	0.1	0.4	0.0	9.5	0.0	4.8	0.0	2.7	0.0	2.3	0.0	−0.3
6	D	−0.4	−0.1	0.0	8.7	0.0	3.9	0.0	−0.4	0.0	2.5	0.0	2.4
6	F	0.5	−0.5	0.0	6.5	0.0	6.5	0.0	0.1	0.0	−0.4	0.0	2.4
6	H	−0.1	0.1	0.0	3.9	0.0	8.7	0.0	0.0	0.0	0.1	0.0	−0.4
6	J	−0.1	0.1	0.0	4.8	0.0	9.5	0.0	0.0	0.0	0.0	0.0	0.1
6	M	0.0	0.0	0.0	1.8	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0

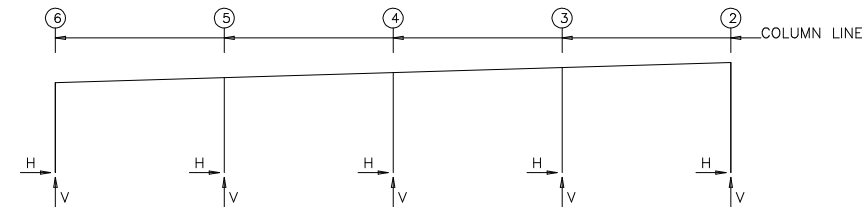
Frm Line	Col Line	E2PAT_SL_4 Horiz	E2PAT_SL_4 Vert	E2PAT_SL_5 Horiz	E2PAT_SL_5 Vert	E2PAT_SL_6 Horiz	E2PAT_SL_6 Vert	E2PAT_SL_7 Horiz	E2PAT_SL_7 Vert	E2PAT_SL_8 Horiz	E2PAT_SL_8 Vert	E2PAT_SL_9 Horiz	E2PAT_SL_9 Vert	E2PAT_SL10 Horiz	E2PAT_SL10 Vert
6	O	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	−0.2	0.0	0.0	0.0	0.0
6	B	0.0	0.1	0.0	0.0	0.0	0.0	0.0	5.0	0.0	2.0	0.0	−0.3	0.0	0.1
6	D	0.0	−0.4	0.0	0.1	0.0	0.0	0.0	2.1	0.0	4.9	0.0	2.1	0.0	−0.3
6	F	0.0	2.4	0.0	−0.4	0.0	0.1	0.0	−0.3	0.0	2.1	0.0	4.9	0.0	2.1
6	H	0.0	2.4	0.0	2.5	0.0	−0.4	0.0	0.1	0.0	−0.3	0.0	2.1	0.0	4.9
6	J	0.0	−0.3	0.0	2.3	0.0	2.7	0.0	0.0	0.0	0.1	0.0	−0.3	0.0	2.0
6	M	0.0	0.1	0.0	−0.2	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	−0.2

Frm Line	Col Line	E2PAT_SL11 Horiz	E2PAT_SL11 Vert										
6	O	0.0	0.0										
6	B	0.0	0.0										
6	D	0.0	0.1										
6	F	0.0	−0.3										
6	H	0.0	2.1										
6	J	0.0	5.0										
6	M	0.0	1.7										

Quote Reviewed and Accepted By_____

PRELIMINARY						CUSTOMER:	PROJECT:	SHEET
						DEALER:	LOCATION:	ISSUE
								O
						ANCHOR ROD REACTIONS		
	O	FOR CONSTRUCTION				SCALE: N.T.S.	S.O. #	120 EASTVIEW DRIVE, WINKLER, MANITOBA, R6W 0K3, 204-325-4368
	ISSUE	DESCRIPTION	CHECKED By	YY/MM/DD				

FRAME LINES: O N



RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc._Rod Qty	Rod Dia	Base_Plate (in)			Grout (in)
				Width	Length	Thick	
O*	6	4	0.750	8.000	12.00	0.500	0.0
O*	2	4	0.750	8.000	12.25	0.500	0.0
O*	5	4	0.750	8.000	8.250	0.500	0.0
O*	4	4	0.750	8.000	8.250	0.500	0.0
O*	3	4	0.750	8.000	8.250	0.500	0.0

O* Frame lines: O N

ENDWALL COLUMN: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc._Rod Qty	Rod Dia	Base_Plate (in)			Grout (in)
				Width	Length	Thick	
O	5	4	0.750	8.000	8.250	0.500	0.0
O	4	4	0.750	8.000	8.250	0.500	0.0
O	3	4	0.750	8.000	8.250	0.500	0.0
N	3	4	0.750	8.000	8.250	0.500	0.0
N	4	4	0.750	8.000	8.250	0.500	0.0
N	5	4	0.750	8.000	8.250	0.500	0.0

RIGID FRAME: SPECIFIED COLUMN REACTIONS (k)

Frame Line	Column Line	---Dead---		---Collateral---		---Live---		---Snow---		---Snow_Drift---		---Wind_Left1---	
		Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
O*	6	0.1	0.8	0.0	0.3	0.3	1.9	0.5	3.5	1.8	12.2	-0.5	-2.1
O*	2	-0.1	0.9	0.0	0.3	-0.3	1.9	-0.5	3.6	-1.8	12.5	-0.6	-1.8
O*	5	0.0	1.7	0.0	0.6	0.0	4.3	0.0	7.9	0.0	27.5	0.0	-4.1
O*	4	0.0	1.6	0.0	0.6	0.0	4.0	0.0	7.4	0.0	25.8	0.0	-4.1
O*	3	0.0	1.7	0.0	0.6	0.0	4.2	0.0	7.8	0.0	27.1	0.0	-4.3
Frame Line	Column Line	---Wind_Right1---		---Wind_Left2---		---Wind_Right2---		---Wind_Long1---		---Wind_Long2---		---Seismic_Left---	
		Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
O*	6	1.0	-1.0	-1.1	-0.5	0.5	0.6	0.5	-1.9	0.5	-1.9	-2.3	-1.4
O*	2	0.6	-1.7	0.0	-0.1	1.1	0.0	-0.3	-2.1	-0.3	-2.1	-1.5	1.2
O*	5	0.0	-3.5	0.0	-0.5	0.0	0.1	0.0	-4.4	0.0	-4.4	0.0	1.7
O*	4	0.0	-2.8	0.0	-0.7	0.0	0.5	0.0	-4.1	0.0	-4.1	0.0	-0.1
O*	3	0.0	-2.6	0.0	-1.0	0.0	0.7	0.0	-4.0	0.0	-4.0	0.0	-1.4
Frame Line	Column Line	Seismic_Right		F1PAT_SL_1-		F1PAT_SL_2-		F1PAT_SL_3-		F1PAT_SL_4-		F1PAT_SL_5-	
		Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
O*	6	2.3	1.4	0.1	1.8	0.0	-0.2	0.0	0.0	0.2	0.1	0.1	1.6
O*	2	1.5	-1.2	-0.1	0.1	0.0	0.0	0.0	-0.2	-0.2	1.9	-0.1	0.1
O*	5	0.0	-1.7	0.0	2.2	0.0	2.1	0.0	-0.3	0.0	-0.1	0.0	4.3
O*	4	0.0	0.1	0.0	-0.3	0.0	2.1	0.0	2.1	0.0	-0.3	0.0	1.9
O*	3	0.0	1.4	0.0	-0.1	0.0	-0.3	0.0	2.1	0.0	2.1	0.0	-0.3
Frame Line	Column Line	F1PAT_SL_6-		F1PAT_SL_7-		F1UNB_SL_L-		F1UNB_SL_R-					
		Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
O*	6	-0.1	-0.2	0.1	0.1	0.4	3.4	0.4	1.9				
O*	2	0.1	-0.2	-0.1	1.7	-0.4	1.9	-0.4	3.5				
O*	5	0.0	1.8	0.0	-0.3	0.0	8.2	0.0	3.6				
O*	4	0.0	4.3	0.0	1.9	0.0	5.6	0.0	5.6				
O*	3	0.0	1.9	0.0	4.2	0.0	3.6	0.0	8.1				

O* Frame lines: O N

BUILDING BRACING REACTIONS

---Wall Loc	Col Line	± Reactions(k)				Panel_Shear (lb/ft)		
		Wind Horiz	Wind Vert	Seismic Horiz	Seismic Vert	Wind	Seis	Note
L_EW	O							(h)
F_SW	2	O,N	3.0	2.7	3.8	3.4		
R_EW	N							(h)
B_SW	6	N,O	2.8	2.0	3.8	2.7		

(h)Rigid frame at endwall

ENDWALL COLUMN: SPECIFIED COLUMN REACTIONS (k)

Frm Line	Col Line	E1UNB_SL_L-		E1UNB_SL_R-		E1PAT_SL_1-		E1PAT_SL_2-		E1PAT_SL_3-		E1PAT_SL_4-		E1PAT_SL_5-	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
O	5	0.0	8.9	0.0	4.1	0.0	2.4	0.0	2.1	0.0	-0.3	0.0	0.1	0.0	4.6
O	4	0.0	5.5	0.0	5.5	0.0	-0.4	0.0	2.2	0.0	2.2	0.0	-0.4	0.0	1.8
O	3	0.0	4.1	0.0	8.9	0.0	0.1	0.0	-0.3	0.0	2.1	0.0	2.4	0.0	-0.2
Frm Line	Col Line	E1PAT_SL_6-		E1PAT_SL_7-											
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
O	5	0.0	1.8	0.0	-0.2										
O	4	0.0	4.4	0.0	1.8										
O	3	0.0	1.8	0.0	4.6										
Frm Line	Col Line	Wind Press		Wind Suct		E2UNB_SL_L-		E2UNB_SL_R-		E2PAT_SL_1-		E2PAT_SL_2-		E2PAT_SL_3-	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
N	3	-2.1	1.9	0.0	8.9	0.0	4.1	0.0	4.1	0.0	2.4	0.0	2.1	0.0	-0.3
N	4	-2.0	1.8	0.0	5.5	0.0	5.5	0.0	-0.4	0.0	2.2	0.0	2.2	0.0	2.2
N	5	-1.9	1.7	0.0	4.1	0.0	8.9	0.0	0.1	0.0	-0.3	0.0	2.1	0.0	2.1
Frm Line	Col Line	E2PAT_SL_4-		E2PAT_SL_5-		E2PAT_SL_6-		E2PAT_SL_7-							
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
N	3	0.0	0.1	0.0	4.6	0.0	1.8	0.0	1.8	0.0	-0.2				
N	4	0.0	-0.4	0.0	1.8	0.0	4.4	0.0	4.4	0.0	1.8				
N	5	0.0	2.4	0.0	-0.2	0.0	1.8	0.0	4.6						

GENERAL NOTES

- BEHLEN INDUSTRIES LP ASSUMES NO RESPONSIBILITY OR LIABILITY FOR FOUNDATION DESIGN OR CONSTRUCTION.
- ANCHOR RODS NOT BY BEHLEN INDUSTRIES LP.
- ALL REACTIONS ARE IN KIPS AND FT-KIPS (kN and kN-m IF METRIC).
- 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.
- LOAD COMBINATIONS ARE TO BE APPLIED AS PER THE APPLICABLE BUILDING CODE FOR FOUNDATION DESIGN.
- ALL SPECIFIED LOADS AND BRACING REACTIONS INCLUDE THE IMPORTANCE FACTOR FOR STRENGTH ONLY.
- BRACING REACTIONS MAY REVERSE.
- BRACING REACTIONS ARE NOT COMBINED WITH SPECIFIED REACTIONS.
- SEISMIC DESIGN IS BASED ON CONVENTIONAL STEEL CONSTRUCTION SFRS WHERE Rd=1.5 AND Ro=1.3 U/N
- MINIMUM HORIZONTAL WIND LOAD ON PARTITION WALLS SUPPLIED BY BEHLEN IS 5.0 psf.
- ASSUMED CONCRETE STRENGTH = 2.9 Ksi
- DOORS AND WINDOWS MUST BE DESIGNED TO WITHSTAND APPROPRIATE WIND LOADS WITHOUT FAILURE.
- MAX/MIN REACTIONS ARE FACTORED PER LIMIT STATES LOAD COMBINATIONS FOR STRUCTURAL DESIGN.

SPECIFIED LOAD DEFINITIONS

DEAD	- Self weight of the building system.
COLLATERAL	- Mechanical, electrical, ceilings, sprinklers, etc.
LIVE	- Load due to intended use and occupancy.
SNOW	- Snow load.
DRIFT	- Snow Drift surcharge.
FLOOR	- Mezzanine Live load.
WIND_LEFT1	- Wind from left to right, with positive internal pressure.
WIND_RIGHT1	- Wind from right to left, with positive internal pressure.
WIND_LEFT2	- Wind from left to right, with negative internal pressure.
WIND_RIGHT2	- Wind from right to left, with negative internal pressure.
SEISMIC_LEFT	- Seismic force from left to right.
SEISMIC_RIGHT	- Seismic force from right to left.
UNB_LL	- Unbalanced Live Load.
UNB_SL	- Unbalanced Snow Load.
PAT_SL	- Pattern Snow Load.
CRANE	- Crane loads.
WIND_LONG	- Longitudinal Wind load.
SEISMIC_LONG	- Longitudinal Seismic load.
WIND_PRESS	- Wind Pressure.
WIND_SUCTION	- Wind Suction.
TEMP	- Temperature Change load.

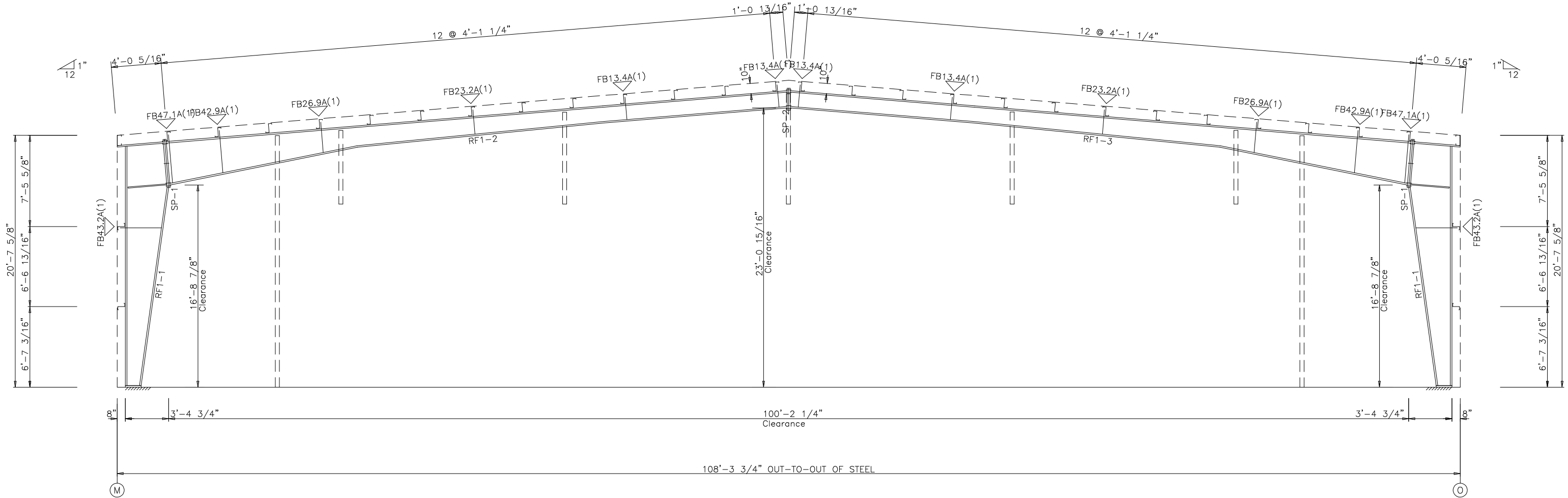
Quote Reviewed and Accepted By_____

PRELIMINARY						CUSTOMER:	PROJECT:	SHEET
						DEALER:	LOCATION:	ISSUE
								O
						ANCHOR ROD REACTIONS		
	O	FOR CONSTRUCTION				SCALE:	S.O. #	120 EASTVIEW DRIVE, WINKLER, MANITOBA, R6W 0K3, 204-325-4368
	ISSUE	DESCRIPTION	CHECKED BY	YY/MM/DD		N.T.S.		

▽ FLANGE BRACES: FBxx (1 or 2)
xx=length(in)
(1) One Side; (2) Two Sides
A - L2x2x10

CONNECTION PLATES

ID	Mark/Part
0	g1



RIGID FRAME CROSS SECTION: FRAME LINE 1

Quote Reviewed and Accepted By_____

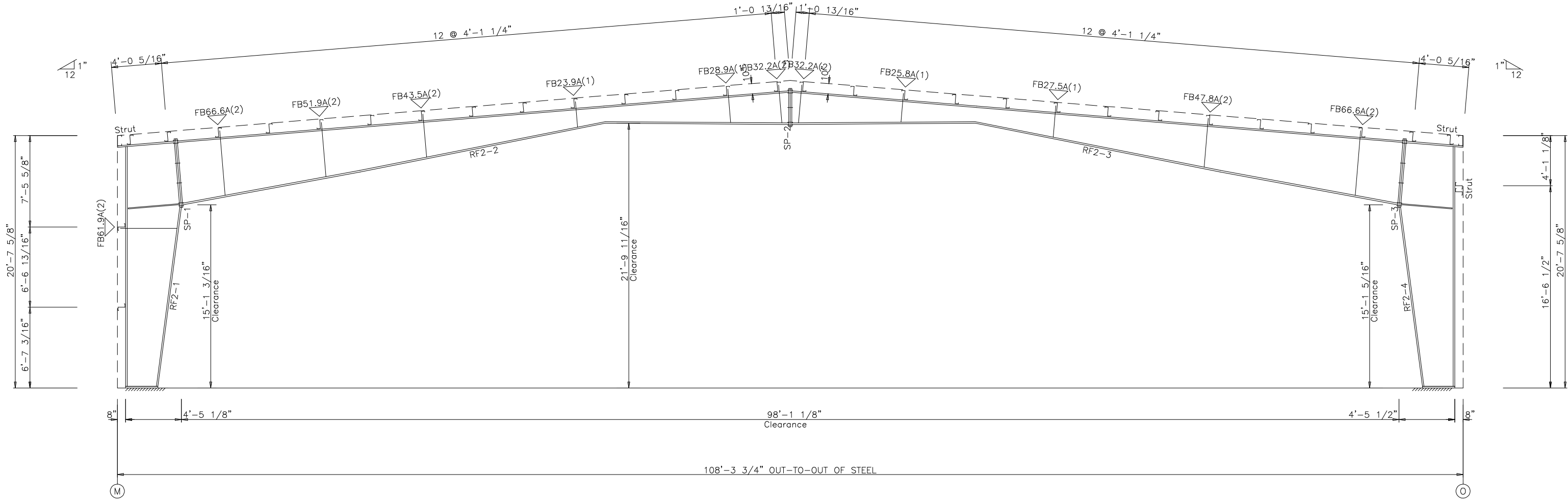
GENERAL NOTES:
PRELIMINARY – NOT FOR CONSTRUCTION.
1. CLEARANCES SHOWN MAY VARY FROM THE FINAL DESIGN OF THE DESIGN ENGINEER.

PRELIMINARY					CUSTOMER:		PROJECT:		SHEET
					DEALER:		LOCATION:		ISSUE
					RIGID FRAME ELEVATION				A
					SCALE: N.T.S.		S.O. #		
					ISSUE		DESCRIPTION		CHECKED BY YY/MM/DD

▽ FLANGE BRACES: FBxx (1 or 2)
xx=length(in)
(1) One Side; (2) Two Sides
A - L2x2x10

CONNECTION PLATES

ID	Mark/Part
0	g1



RIGID FRAME CROSS SECTION: FRAME LINE 2 3 4 5

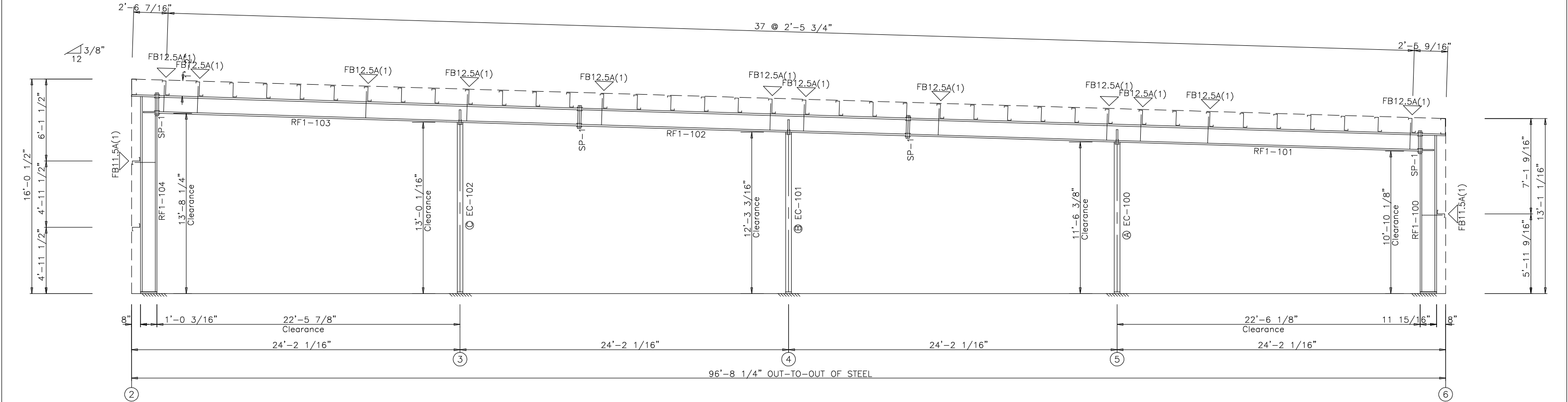
Quote Reviewed and Accepted By_____

GENERAL NOTES:
PRELIMINARY - NOT FOR CONSTRUCTION.
1. CLEARANCES SHOWN MAY VARY FROM THE FINAL DESIGN OF THE DESIGN ENGINEER.

PRELIMINARY				CUSTOMER:		PROJECT:		SHEET
				DEALER:		LOCATION:		ISSUE
				RIGID FRAME ELEVATION				A
				SCALE: N.T.S.		S.O. #		
				A		FOR INFORMATION		
ISSUE	DESCRIPTION		CHECKED BY	YY/MM/DD				

ALTERNATE MEMBER			CONNECTION PLATES	
Frame Line	OID	Mark	ID	Mark/Part
N	A	EC-105	0	g101
	B	EC-104	0	g100
	C	EC-103		

▽ FLANGE BRACES: FBxx (1 or 2)
xx=length(in)
(1) One Side; (2) Two Sides
A - L2x2x10



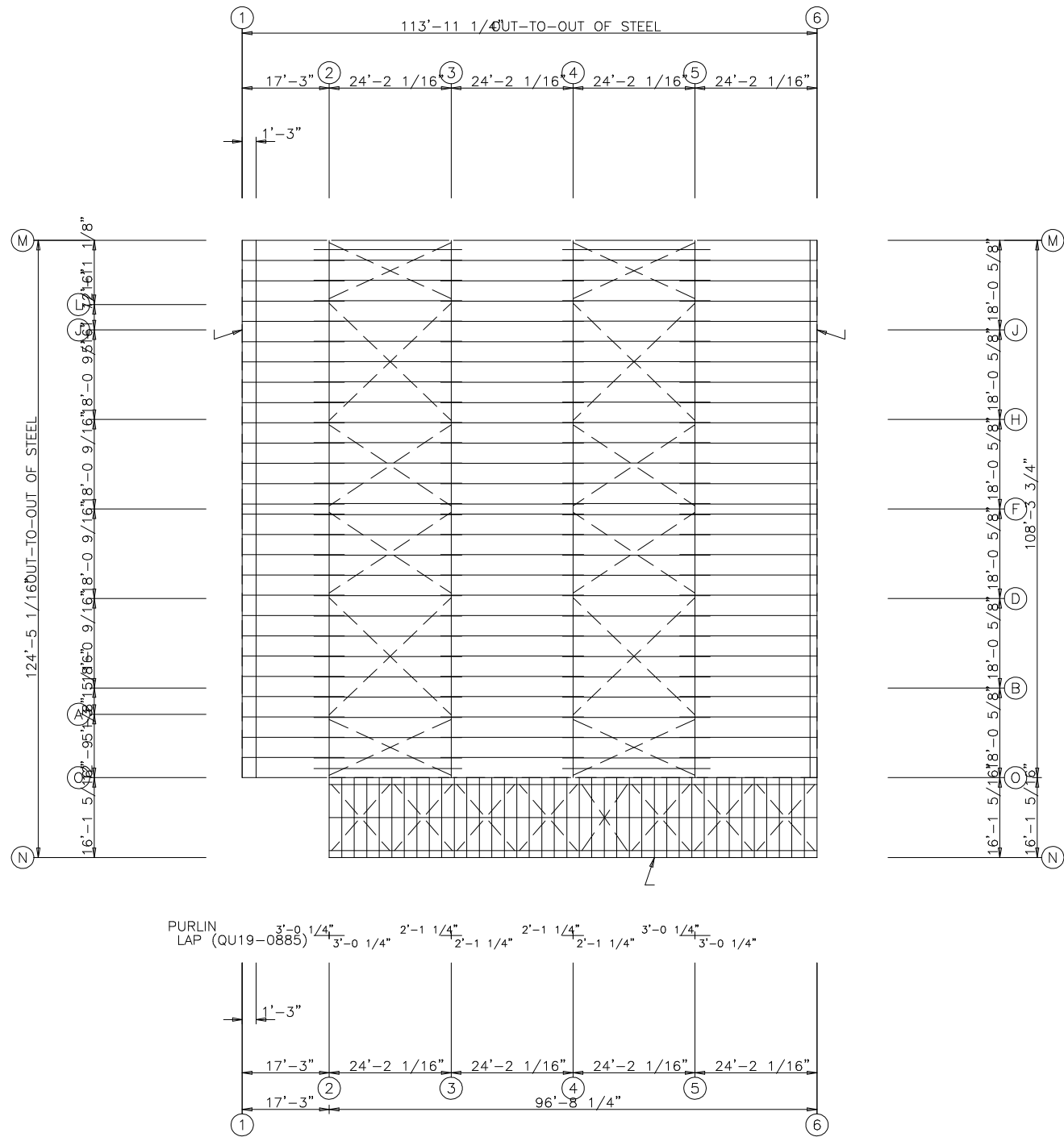
RIGID FRAME CROSS SECTION: FRAME LINE O N

Quote Reviewed and Accepted By_____

GENERAL NOTES:
PRELIMINARY - NOT FOR CONSTRUCTION.
1. CLEARANCES SHOWN MAY VARY FROM THE FINAL DESIGN OF THE DESIGN ENGINEER.

PRELIMINARY					CUSTOMER:		PROJECT:		SHEET
					DEALER:		LOCATION:		ISSUE
					RIGID FRAME ELEVATION				A
A	FOR INFORMATION				SCALE:		S.O. #		
ISSUE	DESCRIPTION	CHECKED BY	YY/MM/DD		N.T.S.				

PANEL TABLE ROOF PLAN	
MARK	LENGTH
RS-1	351"
RS-2	301 1/2"
RSE100	574"
RSP101	595 1/2"
RSE102	607"
RSP103	563"



ROOF FRAMING PLAN

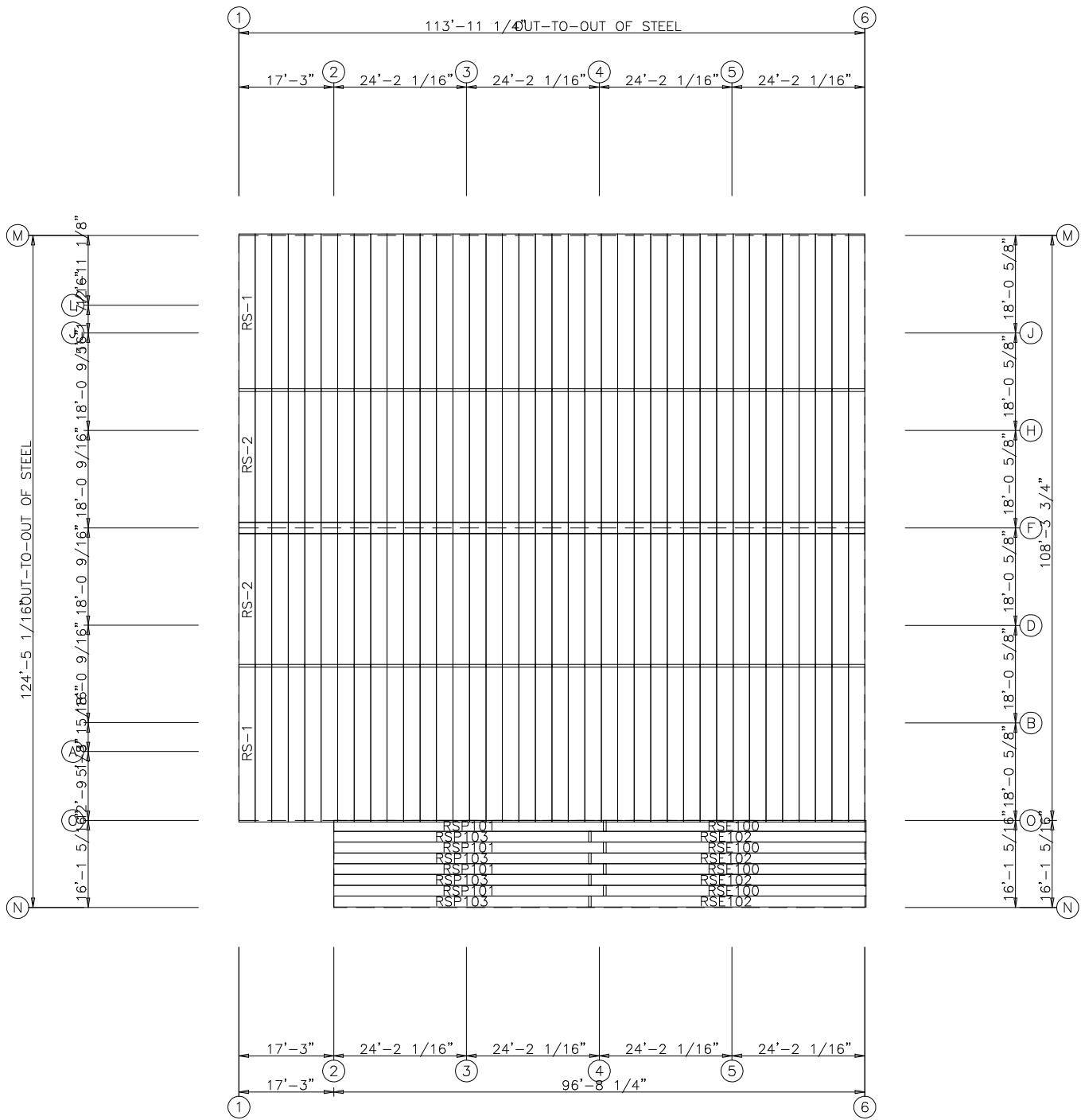
FASTENERS: @F520

Quote Reviewed and Accepted By_____

GENERAL NOTES:
APPROVAL – PERMIT DRAWINGS
1. SEE STANDARD DETAIL BOOKLET FOR PURLIN BLOCK, TRIM, FASTENER, SAG ANGLE, AND PURLIN STABILIZER DETAILS.

PRELIMINARY					CUSTOMER:		PROJECT:		SHEET
					DEALER:		LOCATION:		ISSUE
					ROOF FRAMING		 120 EASTVIEW DRIVE, WINKLER, MANITOBA, R6W 0K3, 204-325-4368		A
					A	FOR INFORMATION			
ISSUE	DESCRIPTION				CHECKED BY	YY/MM/DD	SCALE: N.T.S.	S.O. #	

PANEL TABLE ROOF PLAN	
MARK	LENGTH
RS-1	351"
RS-2	301 1/2"
RSE100	574"
RSP101	595 1/2"
RSE102	607"
RSP103	563"



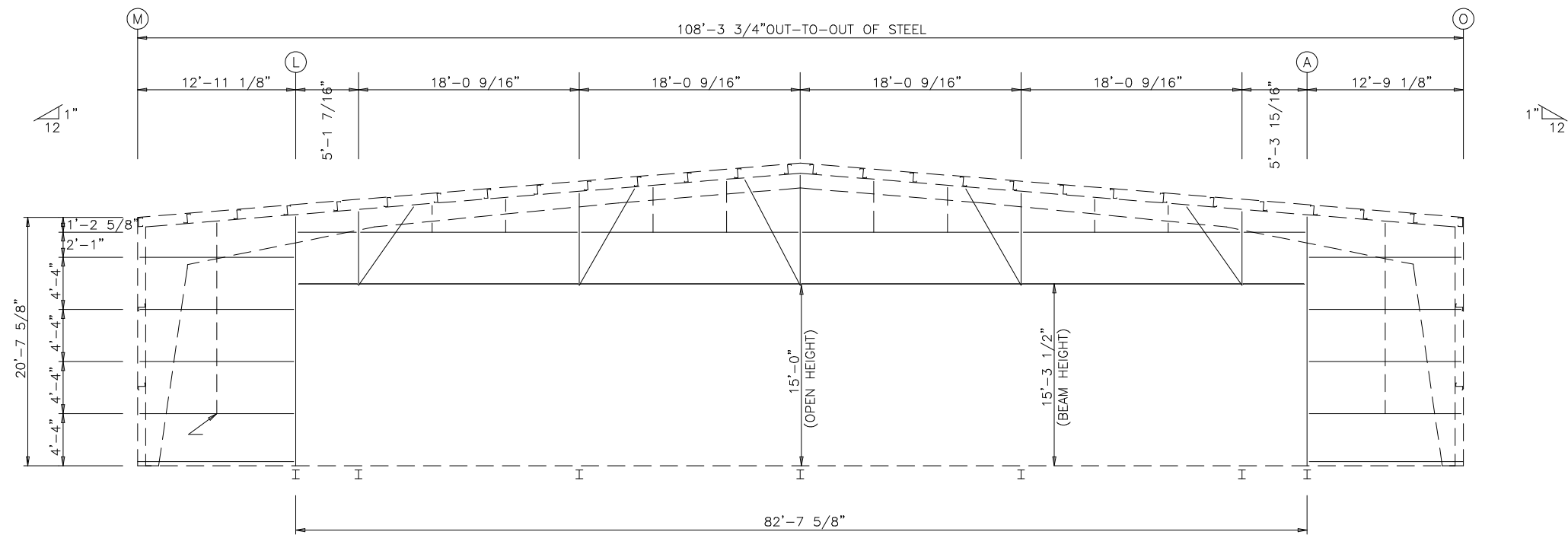
ROOF SHEETING PLAN
PANELS: 24 Ga. SSR - GALVALUME 0002

FASTENERS: @F520

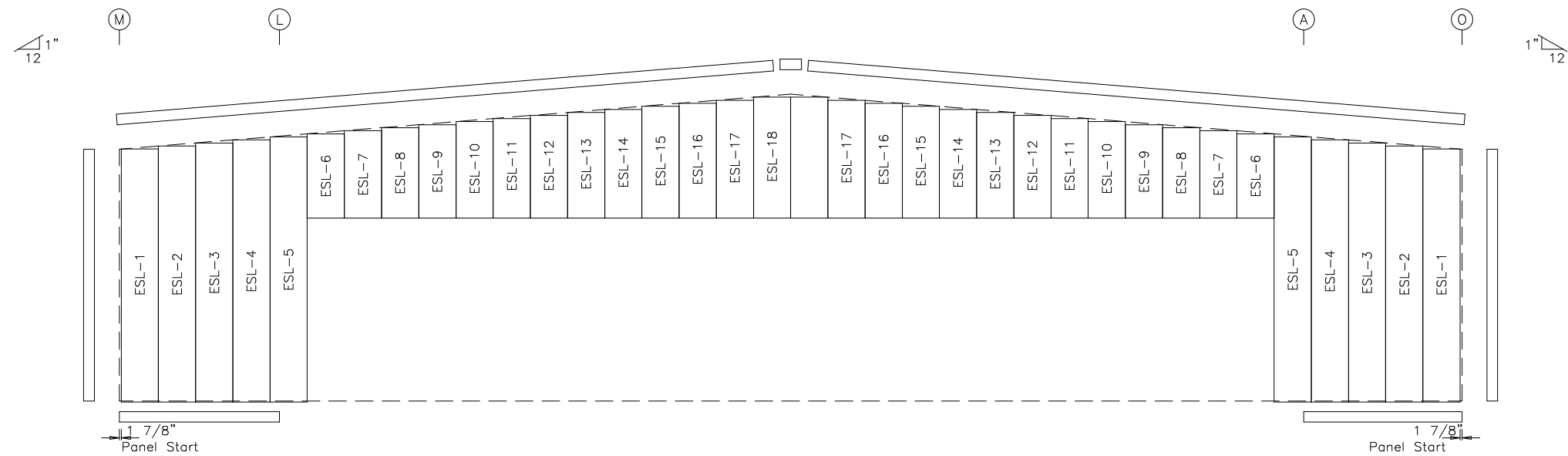
Quote Reviewed and Accepted By_____

GENERAL NOTES:
APPROVAL - PERMIT DRAWINGS
1. SEE STANDARD DETAIL BOOKLET FOR PURLIN BLOCK, TRIM, FASTENER, SAG ANGLE, AND PURLIN STABILIZER DETAILS.

PRELIMINARY					CUSTOMER:		PROJECT:		SHEET
					DEALER:		LOCATION:		ISSUE
					ROOF SHEETING		 120 EASTVIEW DRIVE, WINKLER, MANITOBA, R6W 0K3, 204-325-4368		
					SCALE: N.T.S.		S.O. #		
A	FOR INFORMATION	CHECKED BY	YY/MM/DD	ISSUE	DESCRIPTION				



ENDWALL ELEVATION: FRAME LINE 1



ENDWALL SHEETING & TRIM: FRAME LINE 1

PANELS: 26 Ga. AWR - Std Wall Panel Color

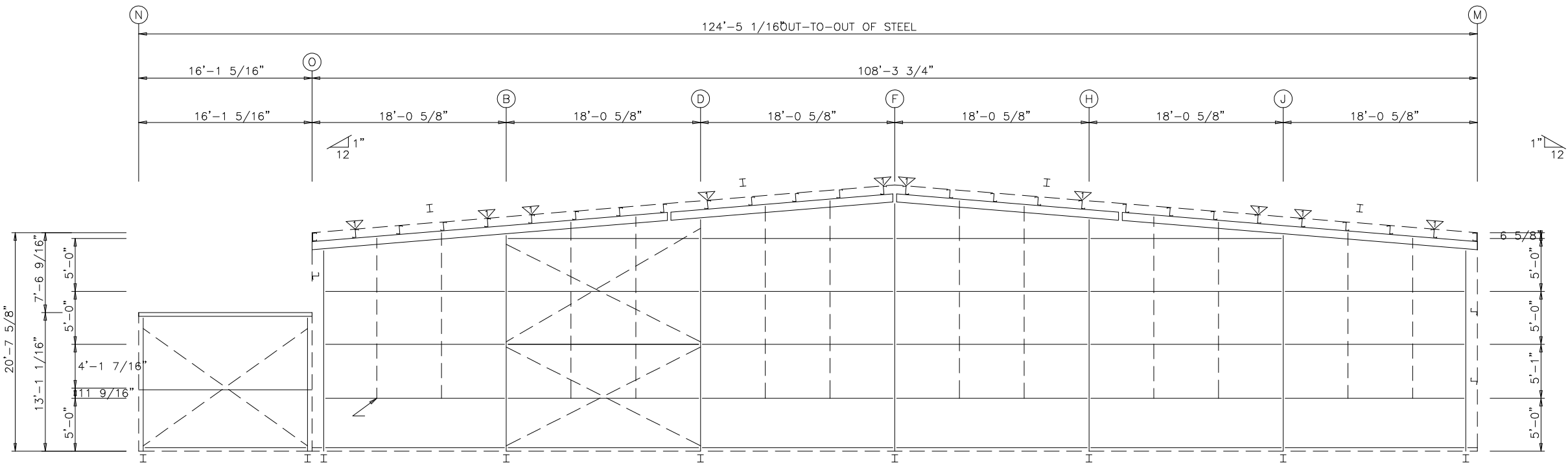
BOLT TABLE: FRAME LINE 1				
LOCATION	QUAN	TYPE	DIA	LEN
Columns/Rof	8	A325	3/4"	1 3/4"

PANEL TABLE FRAME LINE 1	
MARK	LENGTH
ESL-1	249"
ESL-2	252"
ESL-3	255"
ESL-4	258"
ESL-5	261"
ESL-6	83"
ESL-7	86"
ESL-8	89"
ESL-9	92"
ESL-10	95"
ESL-11	98"
ESL-12	101"
ESL-13	104"
ESL-14	107"
ESL-15	110"
ESL-16	113"
ESL-17	116"
ESL-18	119"

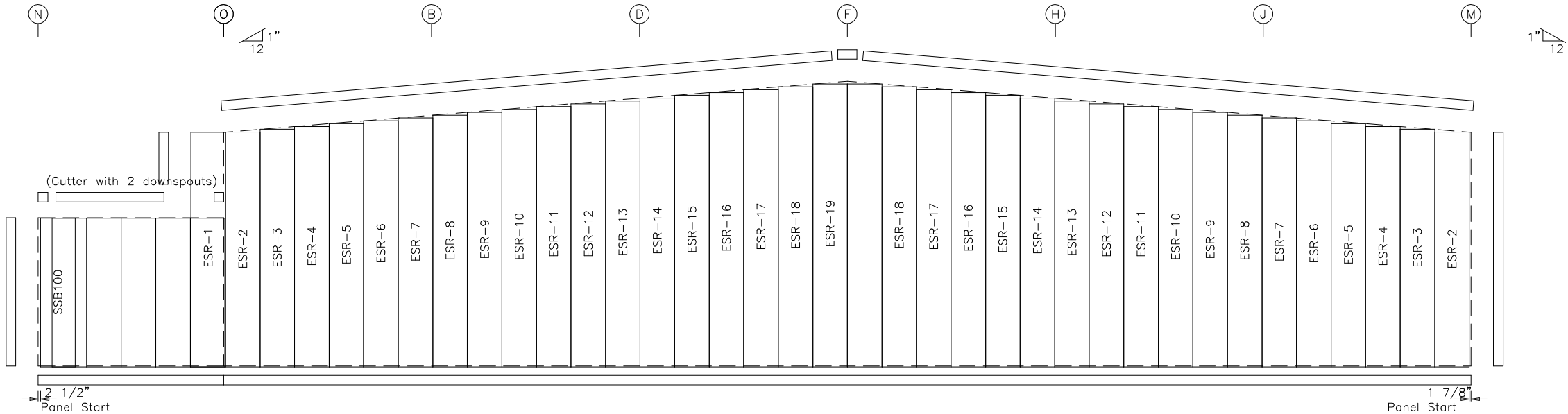
FASTENERS:	@F521
FRAMED OPENINGS:	@F513
CORNER TRIM:	@F514
GABLE/EAVE TRIM:	@F512
BASE TRIM:	@F719
GUTTERS:	@F830
DOWNSPOUTS:	@F831

Quote Reviewed and Accepted By_____

PRELIMINARY											CUSTOMER:		PROJECT:		SHEET	
											DEALER:		LOCATION:		ISSUE	
															A	
											ENDWALL FRAMING					
					A		FOR INFORMATION						SCALE:		S.O. #	
ISSUE		DESCRIPTION		CHECKED BY		YY/MM/DD		N.T.S.								



WALL ELEVATION: FRAME LINE 6



WALL SHEETING & TRIM: FRAME LINE 6
PANELS: 26 Ga. AWR - Std Wall Panel Color

BOLT TABLE: FRAME LINE 6				
LOCATION	QUAN	TYPE	DIA	LEN
ER-1/ER-2	8	A325	3/4"	2 1/4"
ER-2/ER-3	8	A325	3/4"	2 1/4"
ER-1/ER-3	8	A325	3/4"	2 1/4"
Columns/Raf	4	A325	3/4"	1 3/4"
ER-1/ER-2	8	A325	3/4"	2 1/4"
ER-2/ER-3	8	A325	3/4"	2 1/4"
ER-1/ER-3	8	A325	3/4"	2 1/4"
Columns/Raf	4	A325	3/4"	1 3/4"

FLANGE BRACE TABLE FRAME LINE 6			
▽ ID	MARK	PART	LENGTH
1	FB12.9	L2x2x10	12 7/8"

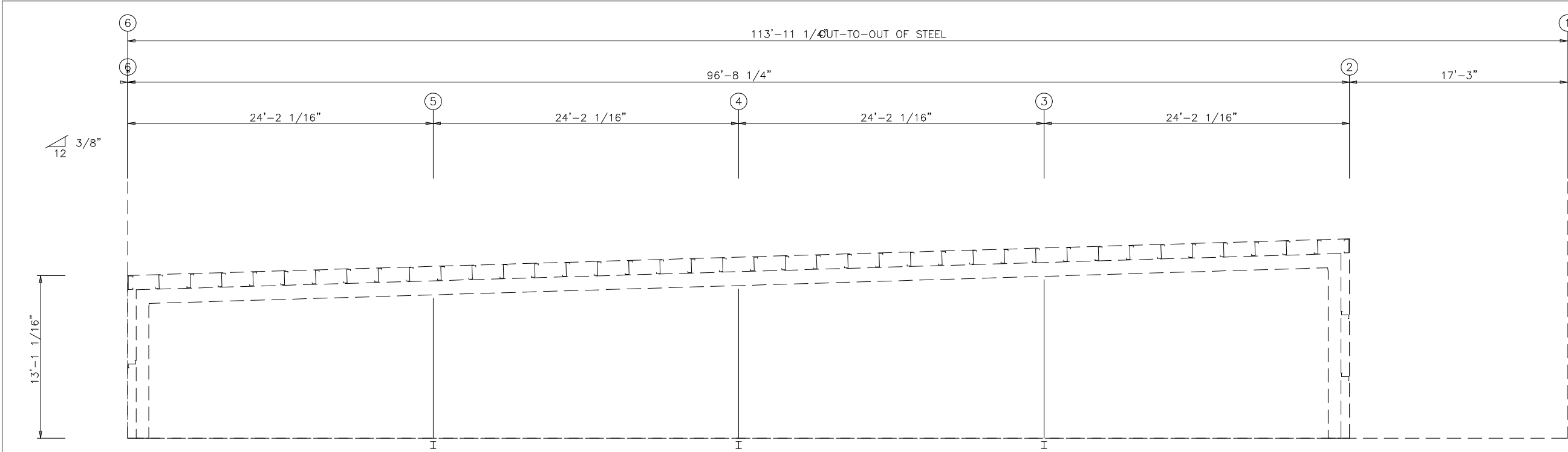
PANEL TABLE FRAME LINE 6	
MARK	LENGTH
ESR-1	248 1/2"
ESR-2	249"
ESR-3	252"
ESR-4	255"
ESR-5	258"
ESR-6	261"
ESR-7	264"
ESR-8	267"
ESR-9	270"
ESR-10	273"
ESR-11	276"
ESR-12	279"
ESR-13	282"
ESR-14	285"
ESR-15	288"
ESR-16	291"
ESR-17	294"
ESR-18	297"
ESR-19	300"
SSB100	157 1/2"

FASTENERS:	@F521
FRAMED OPENINGS:	@F513
CORNER TRIM:	@F514
GABLE/EAVE TRIM:	@F512
BASE TRIM:	@F719
GUTTERS:	@F830
DOWNSPOUTS:	@F831

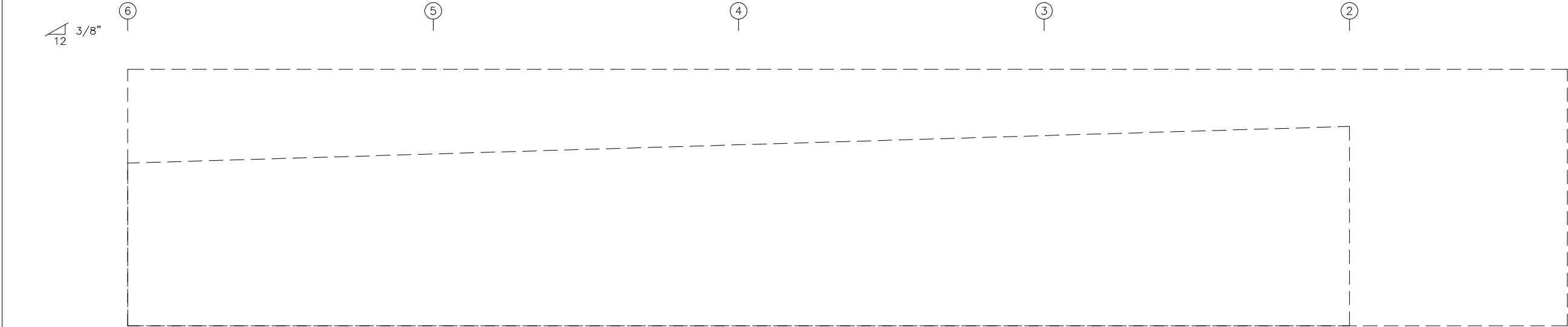
GENERAL NOTES:
APPROVAL - PERMIT DRAWINGS
1. SEE STANDARD DETAIL BOOKLET FOR TRIM, FASTENER, AND SAG ANGLE DETAILS.

Quote Reviewed and Accepted By_____

PRELIMINARY							CUSTOMER:		PROJECT:		SHEET
							DEALER:		LOCATION:		ISSUE
											A
							SIDEWALL FRAMING				
	A	FOR INFORMATION				SCALE:		S.O. #	120 EASTVIEW DRIVE, WINKLER, MANITOBA, R6W 0K3, 204-325-4368		
	ISSUE	DESCRIPTION		CHECKED BY	YY/MM/DD	N.T.S.					



ENDWALL ELEVATION: FRAME LINE O



ENDWALL SHEETING & TRIM: FRAME LINE O

BOLT TABLE: FRAME LINE O				
LOCATION	QUAN	TYPE	DIA	LEN
Columns/Rof	4	A325	3/4"	1 3/4"
Columns/Rof	4	A325	3/4"	1 3/4"

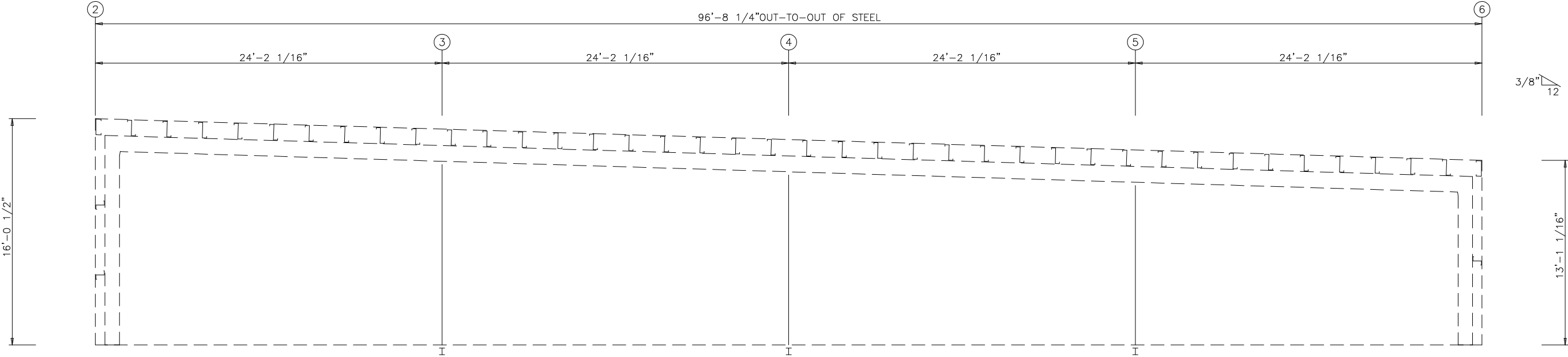
PANEL TABLE	
FRAME LINE	O
MARK	LENGTH
SSF-1	248"
SSF-2	52 1/2"
SSF-3	53 1/2"
SSF-4	54 1/2"
SSF-5	55 1/2"
SSF-6	56 1/2"
SSF-7	58"
SSF-8	59"
SSF-9	60"
SSF-10	61"
SSF-11	62"
SSF-12	63 1/2"
SSF-13	64 1/2"
SSF-14	65 1/2"
SSF-15	66 1/2"
SSF-16	67 1/2"
SSF-17	69"
SSF-18	70"
SSF-19	71"
SSF-20	72"
SSF-21	73"
SSF-22	74 1/2"
SSF-23	75 1/2"
SSF-24	76 1/2"
SSF-25	77 1/2"
SSF-26	78 1/2"
SSF-27	80"
SSF-28	81"
SSF-29	82"
SSF-30	83"
SSF-31	84"
SSF-32	85 1/2"
SSF-33	86 1/2"

FASTENERS:	@F521
FRAMED OPENINGS:	@F513
CORNER TRIM:	@F514
GABLE/EAVE TRIM:	@F512
BASE TRIM:	@F719
GUTTERS:	@F830
DOWNSPOUTS:	@F831

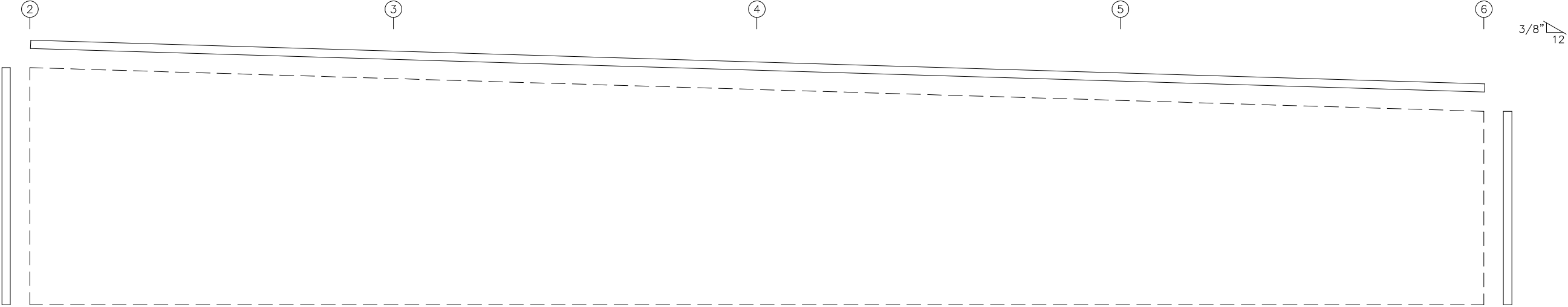
Quote Reviewed and Accepted By_____

PRELIMINARY					CUSTOMER:	PROJECT:	SHEET
					DEALER:	LOCATION:	ISSUE
							A
					SIDEWALL FRAMING		
	A	FOR INFORMATION	CHECKED BY	YY/MM/DD	SCALE: N.T.S.	S.O. #	120 EASTVIEW DRIVE, WINKLER, MANITOBA, R6W 0K3, 204-325-4368
	ISSUE	DESCRIPTION					

BOLT TABLE: FRAME LINE N				
LOCATION	QUAN	TYPE	DIA	LEN
Columns/Rof	4	A325	3/4"	1 3/4"



ENDWALL ELEVATION: FRAME LINE N



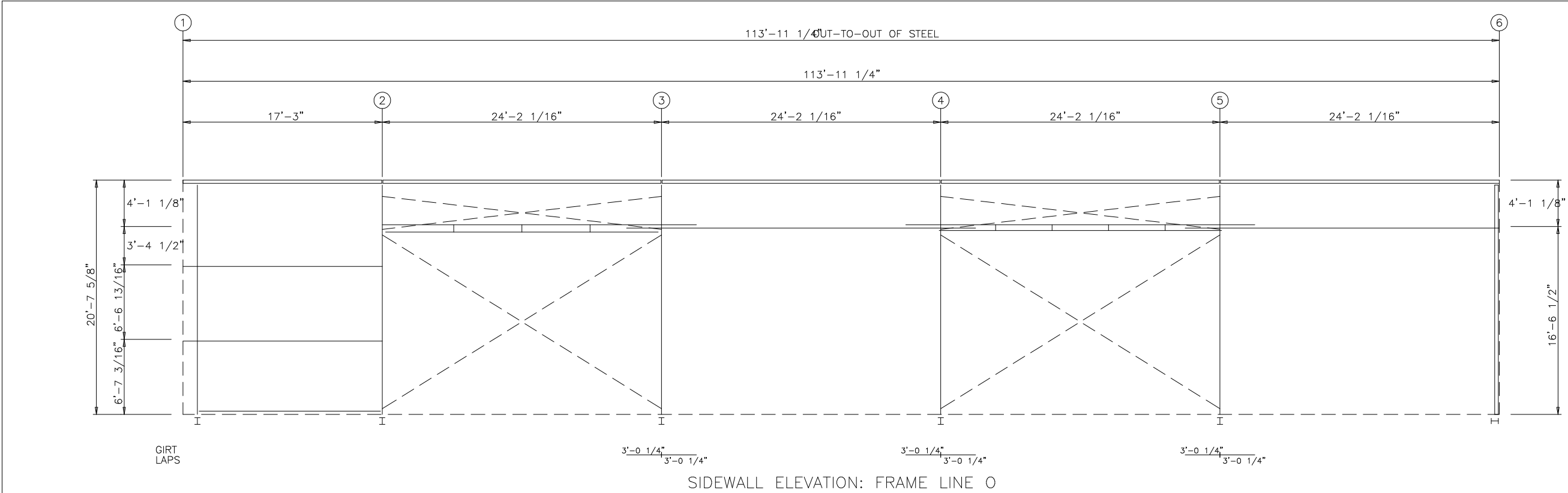
ENDWALL SHEETING & TRIM: FRAME LINE N

FASTENERS:	@F521
FRAMED OPENINGS:	@F513
CORNER TRIM:	@F514
GABLE/EAVE TRIM:	@F512
BASE TRIM:	@F719
GUTTERS:	@F830
DOWNSPOUTS:	@F831

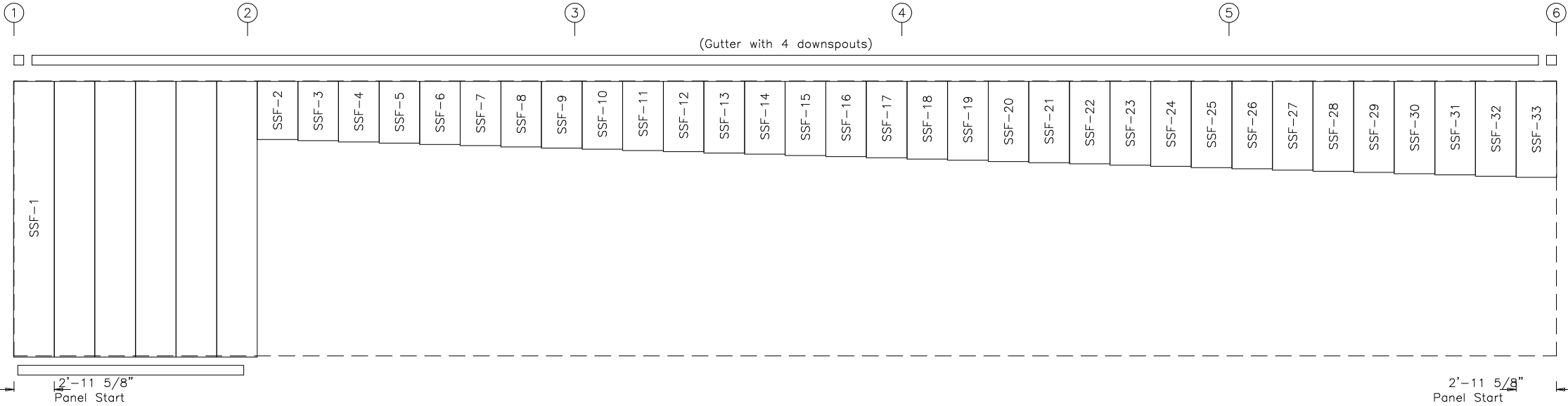
Quote Reviewed and Accepted By_____

PRELIMINARY

PRELIMINARY					CUSTOMER:		PROJECT:		SHEET
					DEALER:		LOCATION:		ISSUE
					ENDWALL FRAMING				A
	A	FOR INFORMATION			CHECKED BY	YY/MM/DD	SCALE: N.T.S.	S.O. #	120 EASTVIEW DRIVE, WINKLER, MANITOBA, R6W 0K3, 204-325-4368
ISSUE	DESCRIPTION			CHECKED BY	YY/MM/DD				



PANEL TABLE	
FRAME LINE	M
MARK	LENGTH
SSF-1	248"
SSF-2	52 1/2"
SSF-3	53 1/2"
SSF-4	54 1/2"
SSF-5	55 1/2"
SSF-6	56 1/2"
SSF-7	58"
SSF-8	59"
SSF-9	60"
SSF-10	61"
SSF-11	62"
SSF-12	63 1/2"
SSF-13	64 1/2"
SSF-14	65 1/2"
SSF-15	66 1/2"
SSF-16	67 1/2"
SSF-17	69"
SSF-18	70"
SSF-19	71"
SSF-20	72"
SSF-21	73"
SSF-22	74 1/2"
SSF-23	75 1/2"
SSF-24	76 1/2"
SSF-25	77 1/2"
SSF-26	78 1/2"
SSF-27	80"
SSF-28	81"
SSF-29	82"
SSF-30	83"
SSF-31	84"
SSF-32	85 1/2"
SSF-33	86 1/2"



SIDEWALL SHEETING & TRIM: FRAME LINE O
PANELS: 26 Ga. AWR — Std Wall Panel Color

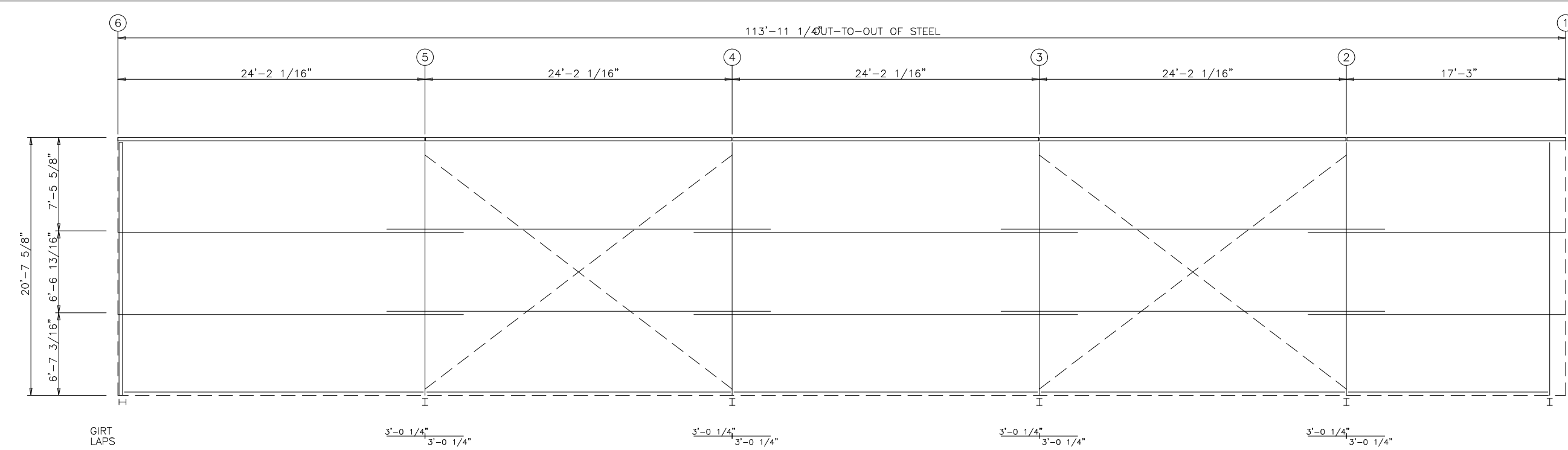
FASTENERS:	@F521
FRAMED OPENINGS:	@F513
CORNER TRIM:	@F514
GABLE/EAVE TRIM:	@F512
BASE TRIM:	@F719
GUTTERS:	@F830
DOWNSPOUTS:	@F831

GENERAL NOTES:
PRELIMINARY — NOT FOR CONSTRUCTION.

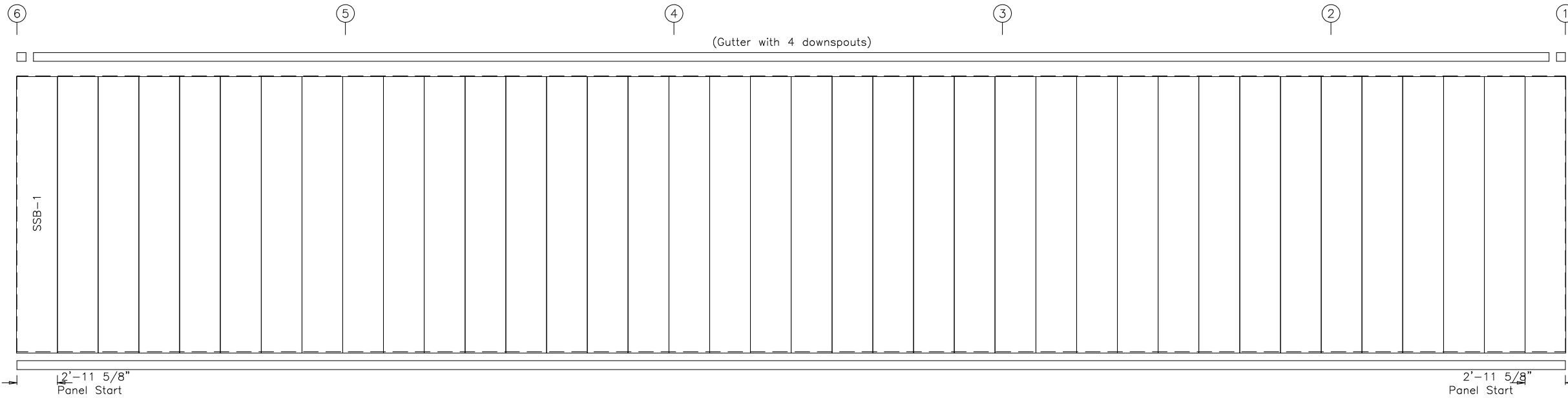
1. SEE STANDARD DETAIL BOOKLET FOR TRIM, FASTENER, AND SAG ANGLE DETAILS.

Quote Reviewed and Accepted By_____

PRELIMINARY				CUSTOMER:		PROJECT:		SHEET
				DEALER:		LOCATION:		ISSUE
				SIDEWALL FRAMING				A
				A	FOR INFORMATION			
ISSUE		DESCRIPTION	CHECKED BY	YY/MM/DD	SCALE: N.T.S.	S.O. #	120 EASTVIEW DRIVE, WINKLER, MANITOBA, R6W 0K3, 204-325-4368	



SIDEWALL ELEVATION: FRAME LINE M



SIDEWALL SHEETING & TRIM: FRAME LINE M

PANELS: 26 Ga. AWR — Std Wall Panel Color

FASTENERS:	@F521
FRAMED OPENINGS:	@F513
CORNER TRIM:	@F514
GABLE/EAVE TRIM:	@F512
BASE TRIM:	@F719
GUTTERS:	@F830
DOWNSPOUTS:	@F831

GENERAL NOTES:
PRELIMINARY — NOT FOR CONSTRUCTION.

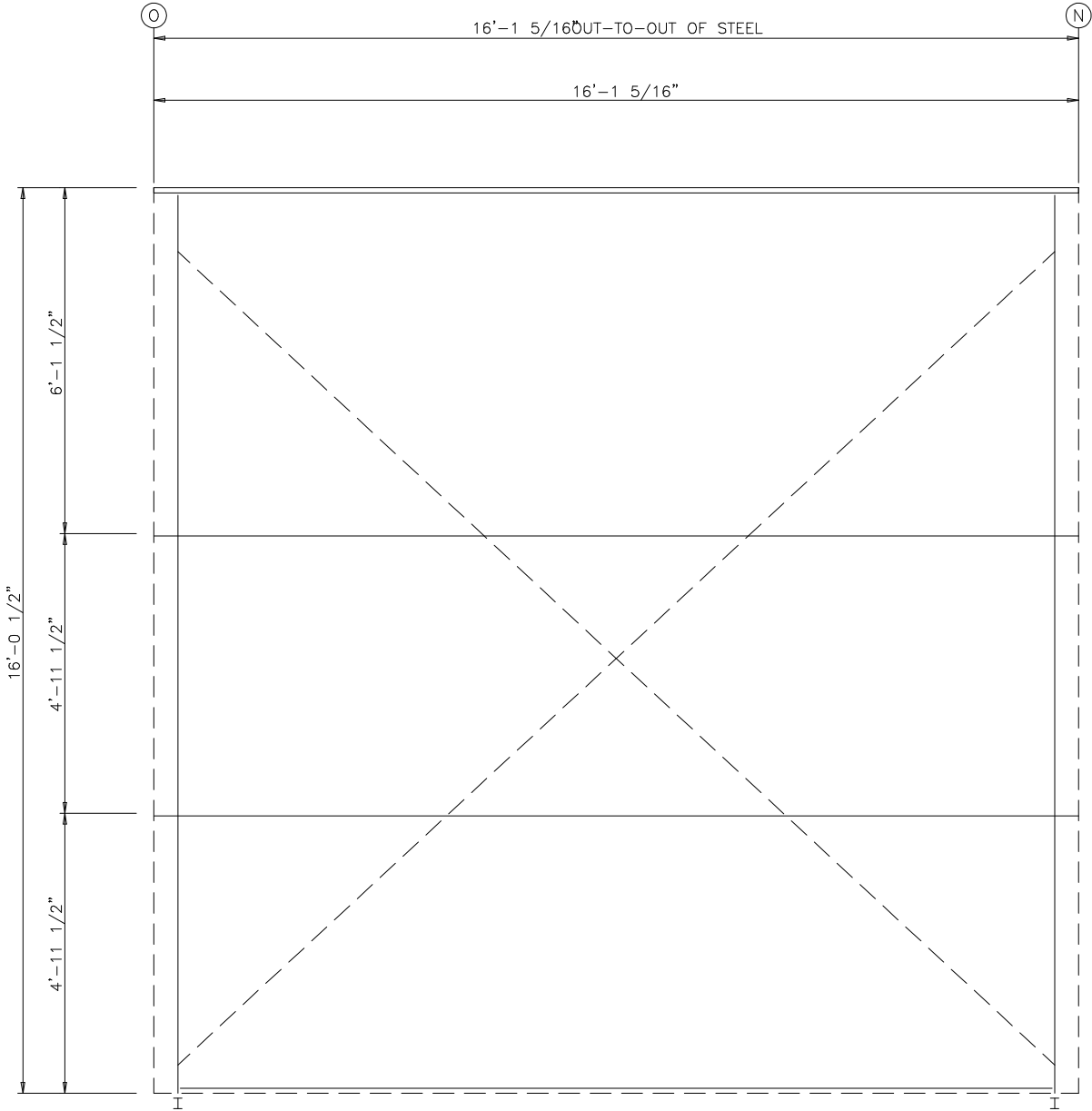
1. SEE STANDARD DETAIL BOOKLET FOR TRIM, FASTENER, AND SAG ANGLE DETAILS.

PANEL	TABLE
FRAME	LINE
MARK	LENGTH
SSB-1	248"

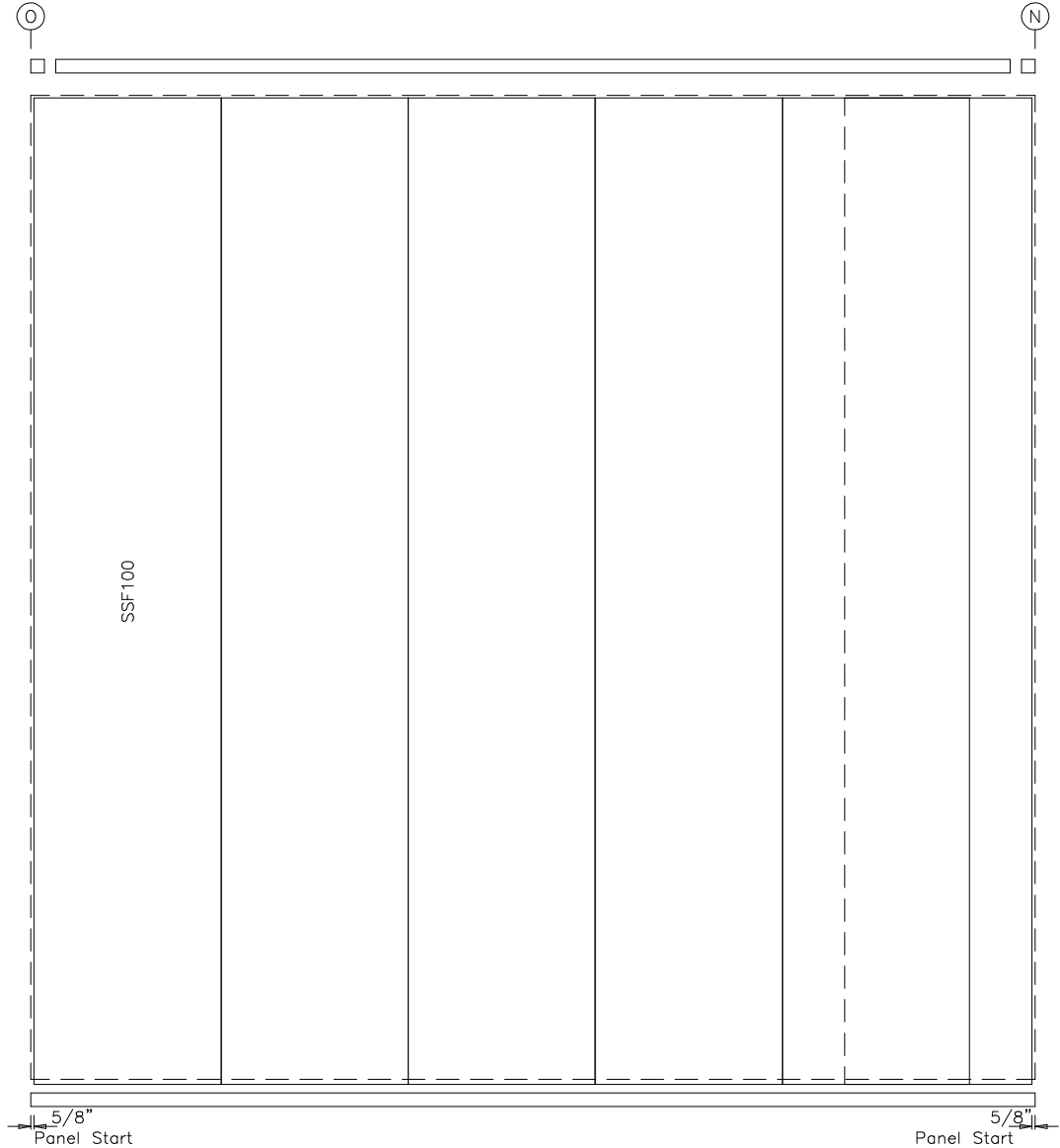
Quote Reviewed and Accepted By_____

PRELIMINARY				CUSTOMER:		PROJECT:		SHEET
				DEALER:		LOCATION:		ISSUE
				SIDEWALL FRAMING				A
				A	FOR INFORMATION			
				ISSUE	DESCRIPTION	CHECKED BY	YY/MM/DD	
SCALE: N.T.S.		S.O. #		120 EASTVIEW DRIVE, WINKLER, MANITOBA, R6W 0K3, 204-325-4368				

PANEL TABLE	
FRAME LINE	6
MARK	LENGTH
SSF100	193"



SIDEWALL ELEVATION: FRAME LINE 2



SIDEWALL SHEETING & TRIM: FRAME LINE 2

PANELS: 26 Ga. AWR – Std Wall Panel Color

FASTENERS:	@F521
FRAMED OPENINGS:	@F513
CORNER TRIM:	@F514
GABLE/EAVE TRIM:	@F512
BASE TRIM:	@F719
GUTTERS:	@F830
DOWNSPOUTS:	@F831

GENERAL NOTES:
PRELIMINARY – NOT FOR CONSTRUCTION.

1. SEE STANDARD DETAIL BOOKLET FOR TRIM, FASTENER, AND SAG ANGLE DETAILS.

Quote Reviewed and Accepted By_____

PRELIMINARY							CUSTOMER:		PROJECT:		SHEET				
											DEALER:		LOCATION:		ISSUE
															A
											SIDEWALL FRAMING				
						A	FOR INFORMATION				SCALE:		S.O. #	120 EASTVIEW DRIVE, WINKLER, MANITOBA, R6W 0K3, 204-325-4368	
	ISSUE	DESCRIPTION		CHECKED BY	YY/MM/DD	N.T.S.									