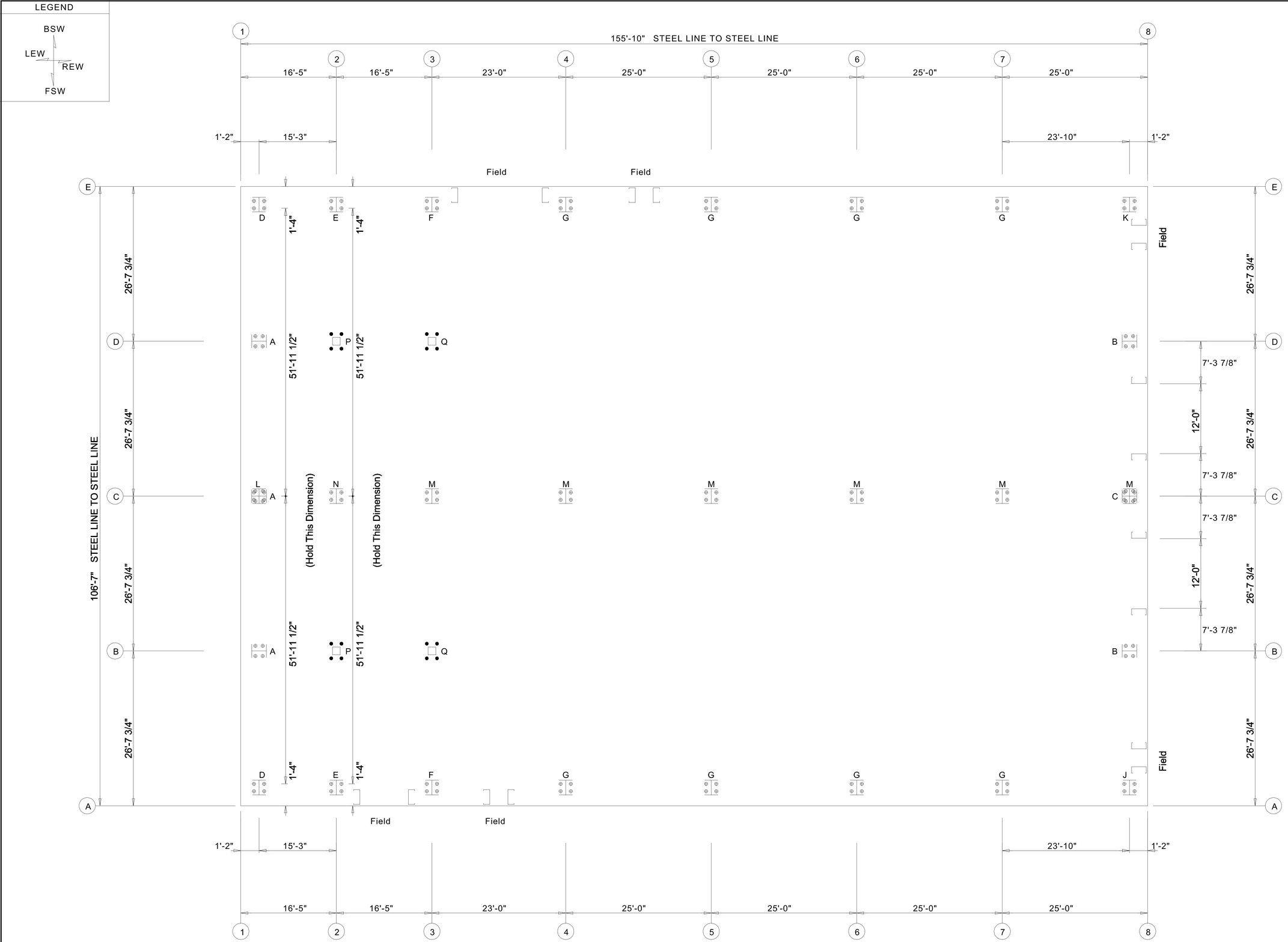


ANCHOR BOLT PLAN

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

Reference Elevation @ 100'-0"

DRAWING IS NOT TO SCALE

Rock Hill Project

106'-7" x 155'-10" x 29'-0"

DATE: 8/ 7/25 REVISION: 0

ENG: DWN: APPD:

F.O.51105-1-1

REVISION HISTORY

REV.	DESCRIPTION	DATE

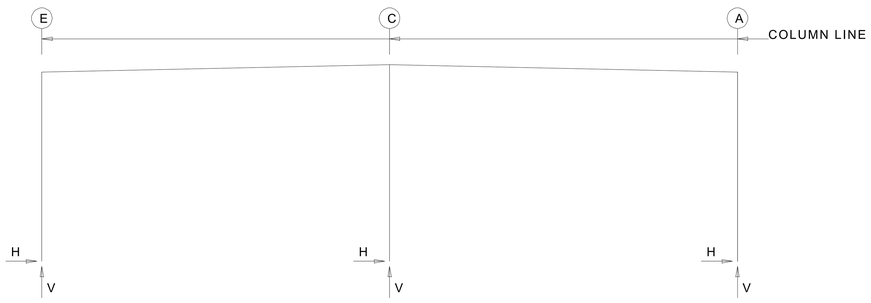
Rock Hill Project

DRAWING STATUS

THESE DRAWINGS HAVE BEEN GENERATED FOR VISUALIZATION PURPOSES ONLY. THEY ARE PRELIMINARY AND SHOULD NOT BE CONSIDERED FINAL. FINAL DRAWINGS WILL BE ISSUED ONLY AFTER AN ORDER HAS BEEN PLACED AND DESIGNATED "FOR FABRICATION".

PAGE OF

FRAME LINES: 1 2 3 4 5 6 7 8



RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc._Bolt Qty	Anc._Bolt Dia	Base_Plate (in) Width	Base_Plate (in) Length	Base_Plate (in) Thick	ARE/BRE (in)
1	E	4	0.750	8.000	27.50	0.500	0.0
1	A	4	0.750	8.000	27.50	0.500	0.0
1	C	4	0.750	10.00	16.00	0.500	0.0

RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc._Bolt Qty	Anc._Bolt Dia	Base_Plate (in) Width	Base_Plate (in) Length	Base_Plate (in) Thick	ARE/BRE (in)
2	E	4	0.750	8.000	27.50	0.500	0.0
2	A	4	0.750	8.000	27.50	0.500	0.0
2	C	4	0.750	10.00	14.00	0.625	0.0

RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc._Bolt Qty	Anc._Bolt Dia	Base_Plate (in) Width	Base_Plate (in) Length	Base_Plate (in) Thick	ARE/BRE (in)
3	E	4	0.750	8.000	26.50	0.500	0.0
3	A	4	0.750	8.000	26.50	0.500	0.0
3	C	4	0.750	8.000	14.00	0.625	0.0

RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc._Bolt Qty	Anc._Bolt Dia	Base_Plate (in) Width	Base_Plate (in) Length	Base_Plate (in) Thick	ARE/BRE (in)
4*	E	4	0.750	8.000	18.50	0.500	0.0
4*	A	4	0.750	8.000	18.50	0.500	0.0
4*	C	4	0.750	8.000	14.00	0.500	0.0

4* Frame lines: 4 5 6 7

RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc._Bolt Qty	Anc._Bolt Dia	Base_Plate (in) Width	Base_Plate (in) Length	Base_Plate (in) Thick	ARE/BRE (in)
8	E	4	0.750	8.000	20.50	0.500	0.0
8	A	4	0.750	8.000	19.50	0.500	0.0
8	C	4	0.750	8.000	14.00	0.500	0.0

FLOOR COLUMN REACTIONS

Frame Line	Col Line	Dead Vert (k)	Coll Vert (k)	Live Vert (k)	Anc._Bolt Qty	Anc._Bolt Dia	Base Plate (in) Width	Base Plate (in) Length	Base Plate (in) Thick	ARE/BRE (in)
2	D	30.4	2.1	51.6	4	1.000	12.00	12.00	1.000	0.0
2	B	30.4	2.1	51.6	4	1.000	12.00	12.00	1.000	0.0
3	D	16.0	1.1	26.7	4	1.000	10.00	10.00	1.000	0.0
3	B	16.1	1.1	26.7	4	1.000	10.00	10.00	1.000	0.0

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	-----Dead---- Horz	-----Dead---- Vert	--Collateral- Horz	--Collateral- Vert	-----Live---- Horz	-----Live---- Vert	----Floor---- Horz	----Floor---- Vert	-----Snow---- Horz	-----Snow---- Vert	--Snow_Drift- Horz	--Snow_Drift- Vert
1	E	0.8	11.7	0.5	2.1	1.2	3.4	0.6	15.7	0.7	2.0	0.8	3.6
1	A	-0.8	11.7	-0.5	2.1	-1.2	3.4	-0.6	15.7	-0.7	2.0	-0.8	3.6
1	C	0.0	20.5	0.0	3.3	0.0	5.1	0.0	29.1	0.0	3.0	0.0	3.5

Frame Line	Column Line	--Wind_Left1- Horz	--Wind_Left1- Vert	-Wind_Right1- Horz	-Wind_Right1- Vert	--Wind_Left2- Horz	--Wind_Left2- Vert	-Wind_Right2- Horz	-Wind_Right2- Vert	--Wind_Long1- Horz	--Wind_Long1- Vert	--Wind_Long2- Horz	--Wind_Long2- Vert
1	E	-6.3	-10.3	2.0	-4.0	-6.4	-7.5	1.9	-1.3	-0.5	-9.2	-0.7	-5.7
1	A	-2.0	-4.0	6.3	-10.3	-1.9	-1.3	6.4	-7.5	0.7	-5.7	0.5	-9.2
1	C	0.0	-10.6	0.0	-10.6	0.0	-7.0	0.0	-7.0	0.0	-10.0	0.0	-10.0

Frame Line	Column Line	-Seismic_Left Horz	-Seismic_Left Vert	Seismic_Right Horz	Seismic_Right Vert	-Seismic_Long Horz	-Seismic_Long Vert	-----Rain---- Horz	-----Rain---- Vert	-MIN_SNOW-- Horz	-MIN_SNOW-- Vert	F1PAT_SL_1- Horz	F1PAT_SL_1- Vert
1	E	-4.3	-1.5	4.3	1.5	0.3	-7.0	0.3	3.7	1.0	2.9	0.2	0.9
1	A	-4.3	1.5	4.3	-1.5	-0.3	-7.0	-0.3	3.7	-1.0	2.9	-0.2	0.0
1	C	-2.8	0.0	2.8	0.0	0.0	-0.1	0.0	0.2	0.0	4.3	0.0	0.7

Frame Line	Column Line	F1PAT_SL_2- Horz	F1PAT_SL_2- Vert	F1PAT_LL_3- Horz	F1PAT_LL_3- Vert	F1PAT_LL_4- Horz	F1PAT_LL_4- Vert
1	E	0.2	0.0	0.6	3.3	0.6	0.2
1	A	-0.2	0.9	-0.6	0.2	-0.6	3.3
1	C	0.0	0.7	0.0	2.6	0.0	2.6

Frame Line	Column Line	-----Dead---- Horz	-----Dead---- Vert	--Collateral- Horz	--Collateral- Vert	-----Live---- Horz	-----Live---- Vert	-----Snow---- Horz	-----Snow---- Vert	--Snow_Drift- Horz	--Snow_Drift- Vert	--Wind_Left1- Horz	--Wind_Left1- Vert
8	E	0.5	2.4	0.6	2.0	1.5	4.8	0.9	2.8	0.8	4.1	-9.1	-14.7
8	A	-0.5	2.3	-0.6	2.0	-1.5	4.8	-0.9	2.8	-0.8	4.1	-3.1	-5.7
8	C	0.0	3.2	0.0	3.3	0.0	7.8	0.0	4.6	0.0	3.8	0.0	-15.7

Frame Line	Column Line	-Wind_Right1- Horz	-Wind_Right1- Vert	--Wind_Left2- Horz	--Wind_Left2- Vert	-Wind_Right2- Horz	-Wind_Right2- Vert	--Wind_Long1- Horz	--Wind_Long1- Vert	--Wind_Long2- Horz	--Wind_Long2- Vert	-Seismic_Left Horz	-Seismic_Left Vert
8	E	3.6	-5.4	-9.4	-10.8	3.3	-1.5	-0.3	-24.7	-0.6	-19.7	-2.1	-1.1
8	A	8.6	-14.4	-2.8	-1.8	8.9	-10.5	0.5	-19.6	0.4	-24.7	-1.8	0.9
8	C	0.0	-16.4	0.0	-10.2	0.0	-10.9	0.0	-15.6	0.0	-15.4	0.0	0.2

Frame Line	Column Line	Seismic_Right Horz	Seismic_Right Vert	-Seismic_Long Horz	-Seismic_Long Vert	-----Rain---- Horz	-----Rain---- Vert	-MIN_SNOW-- Horz	-MIN_SNOW-- Vert	-F2CRNA_1-- Horz	-F2CRNA_1-- Vert	-F2CRNA_2-- Horz	-F2CRNA_2-- Vert
8	E	2.1	1.1	0.0	-5.7	0.5	5.3	1.3	4.0	-0.1	12.0	1.8	12.8
8	A	1.8	-0.9	0.0	-5.7	-0.5	5.3	-1.3	4.0	-1.2	0.7	0.1	-0.1
8	C	0.0	-0.2	0.0	0.0	0.0	0.3	0.0	6.5	-0.6	3.5	0.0	3.5

Frame Line	Column Line	-F2CRNA_3-- Horz	-F2CRNA_3-- Vert	-F2CRNA_4-- Horz	-F2CRNA_4-- Vert	-F2CRNA_5-- Horz	-F2CRNA_5-- Vert	-F2CRNA_6-- Horz	-F2CRNA_6-- Vert	-F2CRNA_7-- Horz	-F2CRNA_7-- Vert	-F2CRNA_8-- Horz	-F2CRNA_8-- Vert
8	E	-0.2	3.2	1.7	4.0	-1.1	-0.6	0.4	0.3	-0.1	-0.1	1.5	0.8
8	A	-0.4	0.2	0.9	-0.5	-1.6	3.9	0.1	3.3	-1.8	12.8	-0.1	12.2
8	C	-1.3	12.8	-0.7	12.8	0.7	13.0	1.3	12.7	0.0	3.5	0.6	3.2

Frame Line	Column Line	-F2CRN_B_1- Horz	-F2CRN_B_1- Vert	-F2CRN_B_2- Horz	-F2CRN_B_2- Vert	-F2CRN_B_3- Horz	-F2CRN_B_3- Vert	-F2CRN_B_4- Horz	-F2CRN_B_4- Vert	-F2CRN_B_5- Horz	-F2CRN_B_5- Vert	-F2CRN_B_6- Horz	-F2CRN_B_6- Vert
8	E	-0.3	11.8	1.4	12.6	0.6	3.6	2.3	4.4	0.7	12.4	2.4	13.2
8	A	-2.0	4.2	-0.5	3.6	-1.4	12.6	0.1	12.0	-2.3	13.1	-0.8	12.5
8	C	0.5	16.4	1.0	16.3	-1.0	16.2	-0.5	16.1	-0.3	7.0	0.3	6.8

Frame Line	Column Line	-F2CRN_B_7- Horz	-F2CRN_B_7- Vert	-F2CRN_B_8- Horz	-F2CRN_B_8- Vert	F2PAT_SL_1- Horz	F2PAT_SL_1- Vert	F2PAT_SL_2- Horz	F2PAT_SL_2- Vert	F2PAT_LL_3- Horz	F2PAT_LL_3- Vert	F2PAT_LL_4- Horz	F2PAT_LL_4- Vert
8	E	-0.4	3.0	1.3	3.8	0.2	1.4	0.2	0.1	0.7	4.6	0.8	0.2
8	A	-1.2	3.7	0.3	3.1	-0.2	0.0	-0.2	1.4	-0.7	0.1	-0.8	4.7
8	C	-0.3	25.7	0.3	25.5	0.0	1.2	0.0	1.1	0.0	4.0	0.0	3.9

Frame Line	Column Line	-----Dead---- Horz	-----Dead---- Vert	--Collateral- Horz	--Collateral- Vert	-----Live---- Horz	-----Live---- Vert	-----Snow---- Horz	-----Snow---- Vert	--Snow_Drift- Horz	--Snow_Drift- Vert	--Wind_Left1- Horz	--Wind_Left1- Vert
4*	E	0.5	2.9	0.7	3.2	1.7	7.7	1.0	4.5	0.2	3.5	-9.7	-17.3
4*	A	-0.5	2.9	-0.7	3.2	-1.7	7.7	-1.0	4.5	-0.2	3.5	-6.4	-6.3
4*	C	0.0	5.4	0.0	6.9	0.0	16.5	0.0	9.6	0.0	0.5	0.0	-24.6

Frame Line	Column Line	-Wind_Right1- Horz	-Wind_Right1- Vert	--Wind_Left2- Horz	--Wind_Left2- Vert	-Wind_Right2- Horz	-Wind_Right2- Vert	--Wind_Long1- Horz	--Wind_Long1- Vert	--Wind_Long2- Horz	--Wind_Long2- Vert	-Seismic_Left Horz	-Seismic_Left Vert
4*	E	6.3	-6.3	-11.0	-11.0	5.0	0.0	2.1	-26.9	1.9	-21.4	-2.7	-1.4
4*	A	9.7	-17.4	-5.1	0.1	11.0	-11.0	-1.9	-21.4	-2.1	-26.9	-2.7	1.4
4*	C	0.0	-24.6	0.0	-12.8	0.0	-12.8	0.0	-23.4	0.0	-23.4	0.0	0.0

Frame Line	Column Line	Seismic_Right Horz	Seismic_Right Vert	-Seismic_Long Horz	-Seismic_Long Vert	-----Rain---- Horz	-----Rain---- Vert	-MIN_SNOW-- Horz	-MIN_SNOW-- Vert	-F3CRNA_1-- Horz	-F3CRNA_1-- Vert	-F3CRNA_2-- Horz	-F3CRNA_2-- Vert
4*	E	2.7	1.4	0.0	-5.7	0.7	9.5	1.4	6.4	0.1	13.1	1.9	13.7
4*	A	2.7	-1.4	0.0	-5.7	-0.7	9.5	-1.4	6.4	-1.4	0.7	0.1	-0.1
4*	C	0.0	0.0	0.0	0.0	0.0	0.9	0.0	13.8	-0.6	4.4	-0.1	4.6

Frame Line	Column Line	-F3CRNA_3-- Horz	-F3CRNA_3-- Vert	-F3CRNA_4-- Horz	-F3CRNA_4-- Vert	-F3CRNA_5-- Horz	-F3CRNA_5-- Vert	-F3CRNA_6-- Horz	-F3CRNA_6-- Vert	-F3CRNA_7-- Horz	-F3CRNA_7-- Vert	-F3CRNA_8-- Horz	-F3CRNA_8-- Vert
4*	E	-0.1	4.2	1.8	4.8	-1.1	-0.6	0.4	0.2	-0.1	-0.1	1.4	0.7
4*	A	-0.4	0.2	1.1	-0.6	-1.8	4.8	0.1	4.2	-1.9	13.7	-0.1	13.1
4*	C	-1.4	13.7	-0.9	13.9	0.9	13.9	1.4	13.7	0.1	4.6	0.6	4.4

Frame Line	Column Line	-F3CRN_B_1- Horz	-F3CRN_B_1- Vert	-F3CRN_B_2- Horz	-F3CRN_B_2- Vert	-F3CRN_B_3- Horz	-F3CRN_B_3- Vert	-F3CRN_B_4- Horz	-F3CRN_B_4- Vert	-F3CRN_B_5- Horz	-F3CRN_B_5- Vert	-F3CRN_B_6- Horz	-F3CRN_B_6- Vert
4*	E	-0.1	12.9	1.5	13.6	0.6	4.5	2.3	5.2	0.8	13.3	2.5	14.1
4*	A	-2.3	5.2	-0.7	4.5	-1.5	13.6	0.1	12.9	-2.5	14.1	-0.8	13.3
4*	C	0.5	18.3	1.1	18.3	-1.1	18.3	-0.5	18.3	-0.3	8.9	0.3	8.9

Frame Line	Column Line	-F3CRN_B_7- Horz	-F3CRN_B_7- Vert	-F3CRN_B_8- Horz	-F3CRN_B_8- Vert	F3PAT_SL_1- Horz	F3PAT_SL_1- Vert	F3PAT_SL_2- Horz	F3PAT_SL_2- Vert	F3PAT_LL_3- Horz	F3PAT_LL_3- Vert	F3PAT_LL_4- Horz	F3PAT_LL_4- Vert
4*	E	-0.3	4.0	1.4	4.7	0.3	2.3	0.3	-0.1	0.9	8.0	0.9	-0.2
4*	A	-1.4	4.7	0.3	4.0	-0.3	-0.1	-0.3	2.3	-0.9	-0.2	-0.9	8.0
4*	C	-0.3	27.7	0.3	27.7	0.0	2.4	0.0	2.4	0.0	8.3	0.0	8.3

Frame Line	Column Line	-----Dead---- Horz	-----Dead---- Vert	--Collateral- Horz	--Collateral- Vert	-----Live---- Horz	-----Live---- Vert	----Floor---- Horz	----Floor---- Vert	-----Snow---- Horz	-----Snow---- Vert	--Snow_Drift- Horz	--Snow_Drift- Vert
3	E	1.0	12.1	0.9	3.5	2.0	7.0	0.7	14.9	1.2	4.1	0.1	2.6
3	A	-1.0	12.3	-0.9	3.5	-2.0	7.0	-0.7	15.2	-1.2	4.1	-0.1	2.6
3	C	0.0	20.7	0.0	5.8	0.0	11.2	0.0	27.2	0.0	6.5	0.0	0.1

Frame Line	Column Line	--Wind_Left1- Horz	--Wind_Left1- Vert	-Wind_Right1- Horz	-Wind_Right1- Vert	--Wind_Left2- Horz	--Wind_Left2- Vert	-Wind_Right2- Horz	-Wind_Right2- Vert	--Wind_Long1- Horz	--Wind_Long1- Vert	--Wind_Long2- Horz	--Wind_Long2- Vert
3	E	-8.6	-15.1	4.0	-6.3	-9.1	-9.3	3.5	-0.6	0.6	-13.4	0.4	-9.1
3	A	-4.0	-6.3	8.6	-15.1	-3.6	-0.6	9.1	-9.3	-0.4	-9.1	-0.6	-13.4
3	C	0.0	-16.7	0.0	-16.6	0.0	-8.8	0.0	-8.8	0.0	-15.6	0.0	-15.6

Frame Line	Column Line	-Seismic_Left Horz	-Seismic_Left Vert	Seismic_Right Horz	Seismic_Right Vert	-Seismic_Long Horz	-Seismic_Long Vert	-----Rain---- Horz	-----Rain---- Vert	-MIN_SNOW-- Horz	-MIN_SNOW-- Vert	-F4CRNA_1-- Horz	-F4CRNA_1-- Vert
3	E	-5.5	-2.1	5.5	2.1	0.3	-7.0	0.5	7.6	1.7	5.8	-0.1	12.0
3	A	-5.5	2.2	5.5	-2.2	-0.3	-7.0	-0.5	7.6	-1.7	5.8	-1.2	0.7
3	C	-2.8	0.0	2.8	0.0	0.0	-0.1	0.0	0.5	0.0	9.4	-0.6	3.4

Frame Line	Column Line	-F4CRNA_2-- Horz	-F4CRNA_2-- Vert	-F4CRNA_3-- Horz	-F4CRNA_3-- Vert	-F4CRNA_4-- Horz	-F4CRNA_4-- Vert	-F4CRNA_5-- Horz	-F4CRNA_5-- Vert	-F4CRNA_6-- Horz	-F4CRNA_6-- Vert	-F4CRNA_7-- Horz	-F4CRNA_7-- Vert
3	E	1.7	12.7	-0.2	3.2	1.6	3.9	-1.0	-0.6	0.4	0.2	-0.2	-0.1
3	A	0.2	-0.1	-0.4	0.2	1.1	-0.6	-1.6	3.9	0.2	3.2	-1.7	12.7
3	C	0.0	3.5	-1.3	12.6	-0.7	12.8	0.7	12.8	1.3	12.6	0.0	3.5

Frame Line	Column Line	-F4CRNA_8-- Horz	-F4CRNA_8-- Vert	-F4CRN_B_1- Horz	-F4CRN_B_1- Vert	-F4CRN_B_2- Horz	-F4CRN_B_2- Vert	-F4CRN_B_3- Horz	-F4CRN_B_3- Vert	-F4CRN_B_4- Horz	-F4CRN_B_4- Vert	-F4CRN_B_5- Horz	-F4CRN_B_5- Vert
3	E	1.2	0.7	-0.3	11.8	1.3	12.5	0.4	3.5	2.0	4.2	0.5	12.3
3	A	0.1	12.0	-2.0	4.2	-0.4	3.5	-1.3	12.5	0.3	11.8	-2.1	13.0
3	C	0.6	3.4	0.5	16.2	1.0	16.2	-1.0	16.2	-0.5	16.2	-0.3	6.9

Frame Line	Column Line	-F4CRN_B_6- Horz	-F4CRN_B_6- Vert	-F4CRN_B_7- Horz	-F4CRN_B_7- Vert	-F4CRN_B_8- Horz	-F4CRN_B_8- Vert	F4PAT_SL_1- Horz	F4PAT_SL_1- Vert	F4PAT_SL_2- Horz	F4PAT_SL_2- Vert	F4PAT_LL_3- Horz	F4PAT_LL_3- Vert
3	E	2.1	13.0	-0.4	3.0	1.2	3.7	0.3	2.0	0.3	0.1	1.0	6.7
3	A	-0.5	12.3	-1.2	3.7	0.4	3.0	-0.3	0.1	-0.3	2.0	-1.0	0.2
3	C	0.3	6.9	-0.3	25.4	0.3	25.4	0.0	1.6	0.0	1.6	0.0	5.6

Frame Line	Column Line	F4PAT_LL_4- Horz	F4PAT_LL_4- Vert
3	E	1.0	0.2
3	A	-1.0	6.7
3	C	0.0	5.6

Frame Line	Column Line	-----Dead---- Horz	-----Dead---- Vert	--Collateral- Horz	--Collateral- Vert	-----Live---- Horz	-----Live---- Vert	----Floor---- Horz	----Floor---- Vert	-----Snow---- Horz	-----Snow---- Vert	--Snow_Drift- Horz	--Snow_Drift- Vert
2	E	2.0	20.3	1.0	3.7	2.2	6.1	2.1	28.9	1.3	3.6	0.2	2.6
2	A	-2.0	20.5	-1.0	3.7	-2.2	6.1	-2.1	29.1	-1.3	3.6	-0.2	2.6
2	C	0.0	34.9	0.0	5.7	0.0	8.7	0.0	52.3	0.0	5.1	0.0	0.5

Frame Line	Column Line	--Wind_Left1- Horz	--Wind_Left1- Vert	-Wind_Right1- Horz	-Wind_Right1- Vert	--Wind_Left2- Horz	--Wind_Left2- Vert	-Wind_Right2- Horz	-Wind_Right2- Vert	--Wind_Long1- Horz	--Wind_Long1- Vert	--Wind_Long2- Horz	--Wind_Long2- Vert
2	E	-10.2	-16.5	3.1	-6.8	-10.3	-11.6	2.9	-1.9	-1.1	-16.3	-1.4	-10.2
2	A	-3.1	-6.8	10.2	-16.5	-2.9	-1.9	10.3	-11.6	1.4	-10.2	1.1	-16.3
2	C	0.0	-16.3	0.0	-16.3	0.0	-10.2	0.0	-10.2	0.0	-17.2	0.0	-17.2

Frame Line	Column Line	-Seismic_Left Horz	-Seismic_Left Vert	Seismic_Right Horz	Seismic_Right Vert	-Seismic_Long Horz	-Seismic_Long Vert	-----Rain---- Horz	-----Rain---- Vert	-MIN_SNOW-- Horz	-MIN_SNOW-- Vert	F5PAT_SL_1- Horz	F5PAT_SL_1- Vert
2	E	-7.9	-2.7	7.9	2.7	0.6	-14.1	0.6	6.4	1.8	5.1	0.3	1.7
2	A	-7.9	2.7	7.9	-2.7	-0.6	-14.1	-0.6	6.4	-1.8	5.1	-0.3	0.1
2	C	-5.6	0.0	5.6	0.0	0.0	-0.1	0.0	0.2	0.0	7.3	0.0	1.3

Frame Line	Column Line	F5PAT_SL_2- Horz	F5PAT_SL_2- Vert	F5PAT_LL_3- Horz	F5PAT_LL_3- Vert	F5PAT_LL_4- Horz	F5PAT_LL_4- Vert
2	E	0.3	0.1	1.1	5.8	1.1	0.4

Rock Hill Project

106'-7" x 155'-10" x 29'-0"

DATE: 8/ 7/25 REVISION: 0

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F.O.51105-1-1

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ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Collat Vert	Floor Live Vert	Wind Press Horz	Wind Suct Horz	Seis Long Horz
1	D	18.2	1.1	28.6	-7.0	8.2	0.1
1	C	1.1	0.0	0.0	-8.1	9.1	0.1
1	B	18.2	1.1	28.6	-7.0	8.2	0.1
8	B	0.7	0.0	0.0	-7.3	8.4	0.1
8	C	0.9	0.0	0.0	-8.1	9.1	0.1
8	D	0.7	0.0	0.0	-7.2	8.3	0.1

ENDWALL COLUMN: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc. Bolt Qty	Anc. Bolt Dia	Base Plate (in) Width	Base Plate (in) Length	Base Plate (in) Thick	ARE/BRE (in)
1	D	4	0.750	8.000	9.750	0.500	0.0
1	C	4	0.750	8.000	9.750	0.375	0.0
1	B	4	0.750	8.000	9.750	0.500	0.0
8	B	4	0.750	6.000	12.00	0.375	0.0
8	C	4	0.750	8.000	12.25	0.375	0.0
8	D	4	0.750	6.000	12.00	0.375	0.0

ANCHOR BOLT SUMMARY

	Qty	Locate	Dia (in)	Type
⊕	24	Endwall	3/4"	
⊕	96	Frame	3/4"	
●	16	Floor	1"	

BUILDING BRACING REACTIONS

Wall Loc	Wall Line	Col Line	Reactions in plane of wall ± Reactions(k) Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Panel_Shear (lb/ft) Wind	Panel_Shear (lb/ft) Seis	Note
L_EW	1								(h)
F_SW	A	5,6	10.5	*	5.1	*			
		7,8	10.5	*	5.1	*			
R_EW	8								(h)
B_SW	E	8,7	10.5	*	5.1	*			
		6,5	10.5	*	5.1	*			

(h)Rigid frame at endwall

*See RF reactions table for vertical and horizontal reactions in plane of the rigid frame.

FLOOR BRACING REACTIONS

Orient	Offset	Location Start	Location End	Reactions(k) Seismic Horz	Reactions(k) Seismic Vert
Long	E	1	2	9.6	7.1
Long	E	2	3	9.6	7.1
Long	A	1	2	9.6	7.1
Long	A	2	3	9.6	7.1

Reactions for seismic represent shear force, Eh
Reaction values shown are unfactored

DESIGN INFORMATION

1. All loading conditions are examined and only the maximum / minimum H or V and the corresponding H or V reaction are reported.
2. Positive reactions are 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:

DESIGN CRITERIA

Width (ft)	= 106.58
Length (ft)	= 155.83
Eave Height (ft)	= 29
Roof Slope (rise/12)	= 0.25:12
Building Code	= IBC 21
Local Code (State/Prov)	= IBC 21
Dead Load (psf)	= 2.25
Collateral Load (psf)	= 5.00
Roof Live Load (psf)	= 20.00
Frame Live Load (psf)	= 12.00
Snow:	
Ground Snow Load (psf)	= 10.00
Snow Importance	= 1.00
Thermal Coefficient	= 1.00
Snow Exposure Factor	= 1.0000
Slippery Roof	= N
Roof Snow Load, Pf (psf)	= 7.00
Min Roof Snow Load, Pmin (psf)	= 10.00
Wind:	
Ultimate Wind Speed (mph)	= 111 mph
Risk Category	= II - Normal
Importance - Wind	= 1.00
Wind Exposure	= C
Enclosure Classification = C - Enclosed	
--Internal Pressure Coefficients--	
Pressure	= 0.18
Suction	= -0.18
----Components & Cladding----	
Design Pressure:	
Pressure (psf)	= 27.52
Suction (psf)	= -36.70

Equivalent Lateral Brace Force Procedure.

Steel systems not specifically detailed for seismic resistance.

SEISMIC CRITERIA

Seismic Importance	= 1.00
Risk Category	= II - Normal
Mapped Spectral Response Accelerations	
Ss	= 0.2967
S1	= 0.0968
---Spectral Response Coefficients---	
Sds	= 0.3091
Sd1	= 0.1549
Site Class	= d
Seismic Design Category	= C
------Base Shear------	
Expanded Formula	= 0.667*Ie*Sms*W/R
Longitudinal Base Shear	(k) = 20.24
Transverse Base Shear	(k) = 33.32
--Seismic Response Coefficients--	
Frame	= 0.103
FSW	= 0.103
BSW	= 0.103
--Response Modification Factors--	
Frame	= 3
FSW	= 3
BSW	= 3

DEFLECTION LIMITS

ENDWALL COLUMN
L / 120
ENDWALL RAFTER (Live)
L / 180
ENDWALL RAFTER (Wind)
L / 180
WALL GIRTS
L / 90
PURLIN (LIVE)
L / 150
PURLIN (WIND)
L / 150
WALL PANEL
L / 90
ROOF PANEL (Live)
L / 120
ROOF PANEL (Wind)
L / 120
Main Frame (Horiz)
H / 60
Main Frame (Vert)
L / 180
WIND BRACING
H / 60
Main Frame (Crane)
H / 100
Main Frame (Seismic)
H / 60
SEISMIC BRACING
H / 60
PARTITION COLUMN
L / 120
PARTITION GIRT
L / 90
PARTITION PANEL
L / 90

Reaction Type	Description
Dead	Dead Load
Collateral	Collateral Load
Live	Roof Live Load
Snow	Uniform Roof Snow Load
Wind_Left1	Transverse Wind From Left With Internal Pressure
Wind_Right1	Transverse Wind From Right With Internal Pressure
Wind_Left2	Transverse Wind From Left With Internal Suction
Wind_Right2	Transverse Wind From Right With Internal Suction
Wind_Long1	Longitudinal Wind From Left Endwall
Wind_Long2	Longitudinal Wind From Right Endwall
Wind_Press	Wind Pressure Applied Towards Endwall
Wind_Suct	Wind Suction Applied Away From Endwall
Seismic_Left	Seismic Load Applied From Left
Seismic_Right	Seismic Load Applied From Right
Seismic_Long	Seismic Load Applied Longitudinally
F# Unb_SL_L	Unbalanced Snow Load On Left
F# Unb_SL_R	Unbalanced Snow Load On Right
F# PAT_SL#	Pattern Snow Load
Drift	Snow Drift Load
Sliding	Sliding Snow Load
HorzOP	Horizontal Out Of Plane Load

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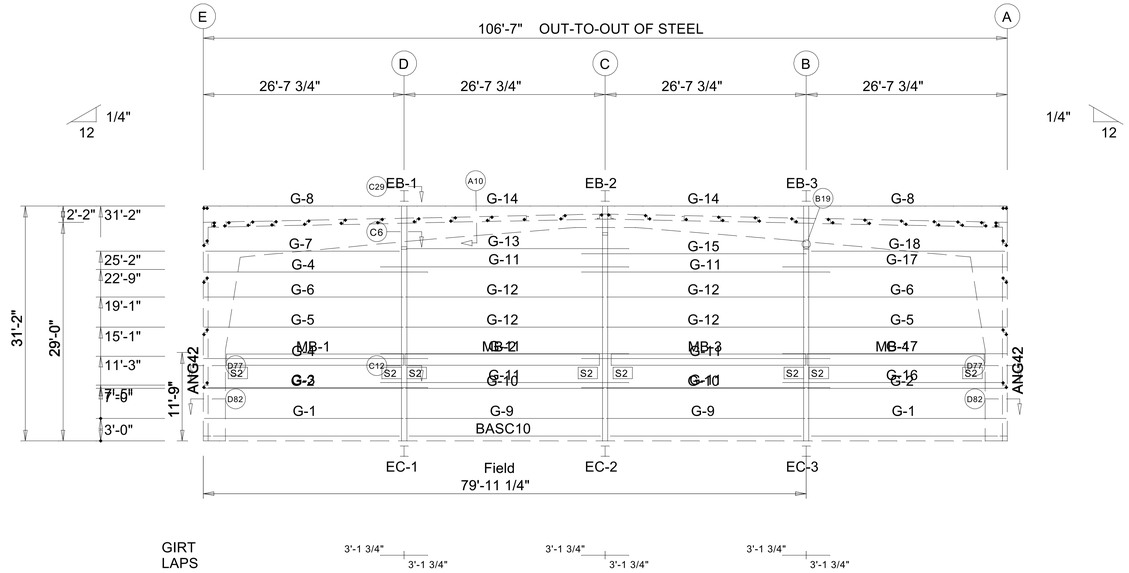
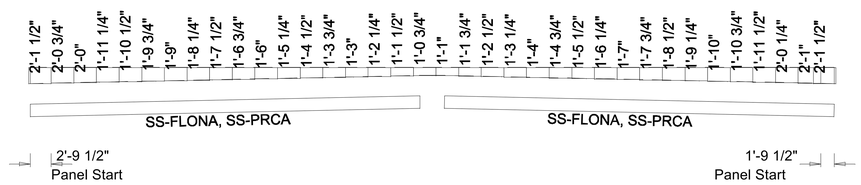
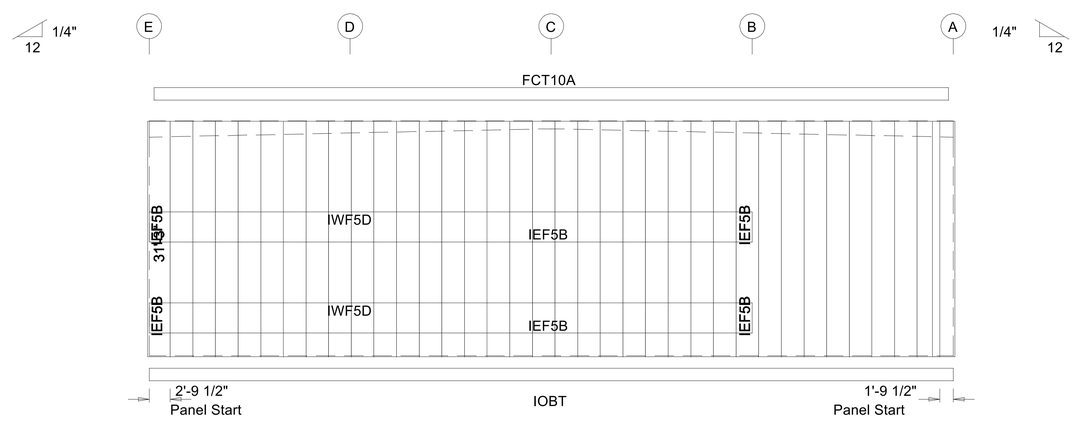


ENDWALL FRAMING: FRAME LINE 1



PARAPET BACK SHEETING & TRIM: LINE 1

PANELS: 26 Ga. R - TBD



ENDWALL SHEETING & TRIM: FRAME LINE 1

PANELS: 26 Ga. R - TBD

GENERAL NOTES:

1. Use TEK5WW screws in place of SD150 panel screws at all 10 gage members.
2. See detail C7A for field coping of coldform endwall column flange braces.
3. All connections to door or window jambs where the clip is not designated in the clip table / drawing are made with JC# clips (#= Girt Depth).

BOLT TABLE
FRAME LINE 1

LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	2	A325	3/4"	1 3/4"
EB-1	8	A325	1/2"	1 1/4"
EB-2	4	A325	1/2"	1 1/4"
EB-3	8	A325	1/2"	1 1/4"

MEMBER TABLE
FRAME LINE 1

QUAN	MARK	PART	LENGTH
1	EB-1	W8X10	6'-5 3/4"
1	EB-2	W8X10	4'-5 3/16"
1	EB-3	W8X10	5'-11 3/4"
1	EC-1	W10X33	26'-2 1/4"
1	EC-2	W10X33	27'-11 13/16"
1	EC-3	W10X33	26'-2 1/4"
2	G-1	10X35C12	26'-7 1/4"
2	G-2	10X35C14	26'-7 1/4"
1	G-3	10X25Z16	29'-1 1/4"
2	G-4	10X25Z16	29'-9 1/4"
2	G-5	10X35C10	26'-7 1/4"
2	G-6	10X35C10	26'-7 1/4"
1	G-7	10X25Z10	26'-4 1/4"
2	G-8	10X35C13	26'-4 1/4"
2	G-9	10X35C12	26'-7 1/4"
2	G-10	10X35C14	26'-7 1/4"
6	G-11	10X25Z16	32'-11 1/4"
4	G-12	10X35C10	26'-7 1/4"
1	G-13	10X25Z16	29'-6 1/4"
2	G-14	10X35C13	26'-1 1/4"
1	G-15	10X25Z16	29'-9 1/4"
1	G-16	10X25Z16	29'-1 1/4"
2	G-17	10X25Z16	29'-9 1/4"
1	G-18	10X25Z10	29'-9 1/4"
1	MB-1	W18X40	23'-5 5/8"
1	MB-2	W18X40	25'-9 1/8"
1	MB-3	W18X40	25'-9 1/8"
1	MB-4	W18X40	23'-5 5/8"

SUPPORT BEAM BOLT TABLE
FRAME LINE 1

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

DRAWING IS NOT TO SCALE

TRIM COLORS

EAVE TRIM	= TBD	CORNER TRIM	= TBD
BASE TRIM	= TBD	GUTTER	=
DOOR TRIM	= TBD	DOWNSPOUTS	=
RAKE TRIM	= TBD		

* LINER TRIM = Liner panel color
* SOFFIT TRIM = Soffit panel color

* ONLY APPLICABLE IF LINER TRIM OR SOFFIT PANEL IS INDICATED ON BUILDING ORDER.

Rock Hill Project
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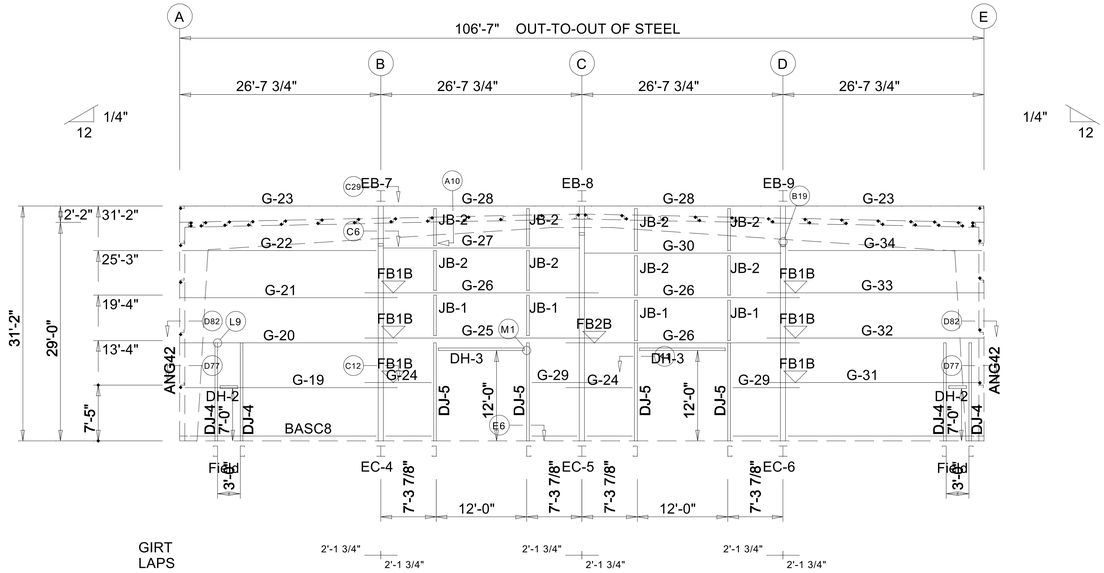
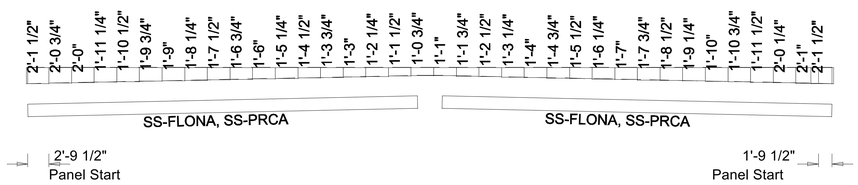
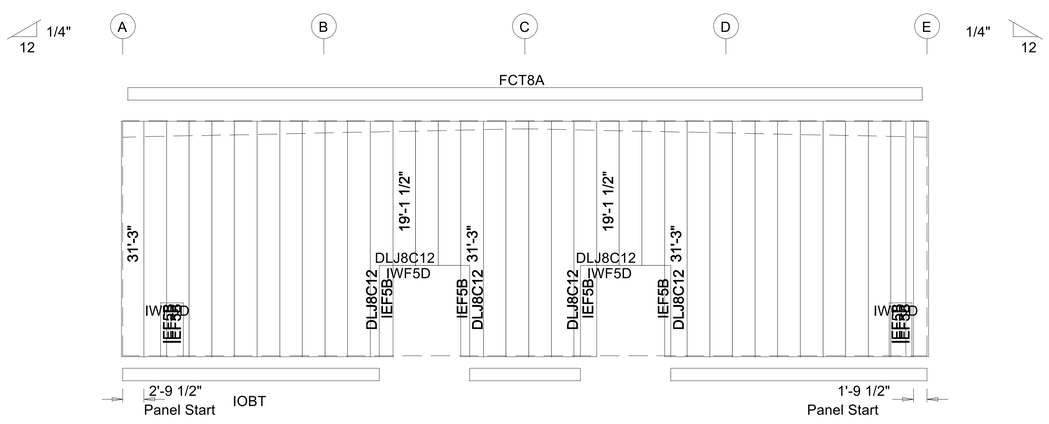


ENDWALL FRAMING: FRAME LINE 8



PARAPET BACK SHEETING & TRIM: LINE 8

PANELS: 26 Ga. R - TBD



ENDWALL SHEETING & TRIM: FRAME LINE 8

PANELS: 26 Ga. R - TBD

GENERAL NOTES:

1. Use TEK5WW screws in place of SD150 panel screws at all 10 gage members.
2. See detail C7A for field coping of coldform endwall column flange braces.
3. All connections to door or window jambs where the clip is not designated in the clip table / drawing are made with JC# clips (#= Girt Depth).

BOLT TABLE
FRAME LINE 8

LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	2	A325	3/4"	1 3/4"
EB-7	8	A325	1/2"	1 1/4"
EB-8	4	A325	1/2"	1 1/4"
EB-9	8	A325	1/2"	1 1/4"

MEMBER TABLE
FRAME LINE 8

QUAN	MARK	PART	LENGTH
1	EB-7	W8X10	6'-1"
1	EB-8	W8X10	4'-5 5/16"
1	EB-9	W8X10	6'-2 1/8"
1	EC-4	W12X16	26'-7"
1	EC-5	W12X26	27'-11 11/16"
1	EC-6	W12X16	26'-5 7/8"
4	DJ-4	08X35C16	13'-3 3/4"
4	DJ-5	08X35C13	13'-3 3/4"
2	DH-2	08X35C16	3'-0"
2	DH-3	08X35C16	12'-0"
1	G-19	08X25Z16	28'-1 1/4"
1	G-20	08X25Z10	28'-9 1/4"
1	G-21	08X25Z13	28'-9 1/4"
1	G-22	08X25Z13	26'-4 1/4"
2	G-23	08X35C12	26'-4 1/4"
2	G-24	08X25Z16	9'-1 7/8"
1	G-25	08X25Z12	30'-11 1/4"
3	G-26	08X25Z13	30'-11 1/4"
1	G-27	08X25Z13	28'-6 1/4"
2	G-28	08X35C12	26'-1 1/4"
2	G-29	08X25Z16	9'-1 7/8"
1	G-30	08X25Z13	28'-6 1/4"
1	G-31	08X25Z14	28'-1 1/4"
1	G-32	08X25Z10	28'-9 1/4"
1	G-33	08X25Z13	28'-9 1/4"
1	G-34	08X25Z13	26'-4 1/4"
4	JB-1	08X35C13	5'-11 1/2"
8	JB-2	08X35C13	5'-10 1/2"

FLANGE BRACE TABLE
FRAME LINE 8

▽ID	MARK	LENGTH
1	FB1B	1'-5 1/8"
2	FB2B	1'-5 1/4"

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TRIM COLORS

EAVE TRIM	= TBD	CORNER TRIM	= TBD
BASE TRIM	= TBD	GUTTER	=
DOOR TRIM	= TBD	DOWNSPOUTS	=
RAKE TRIM	= TBD		

* LINER TRIM = Liner panel color
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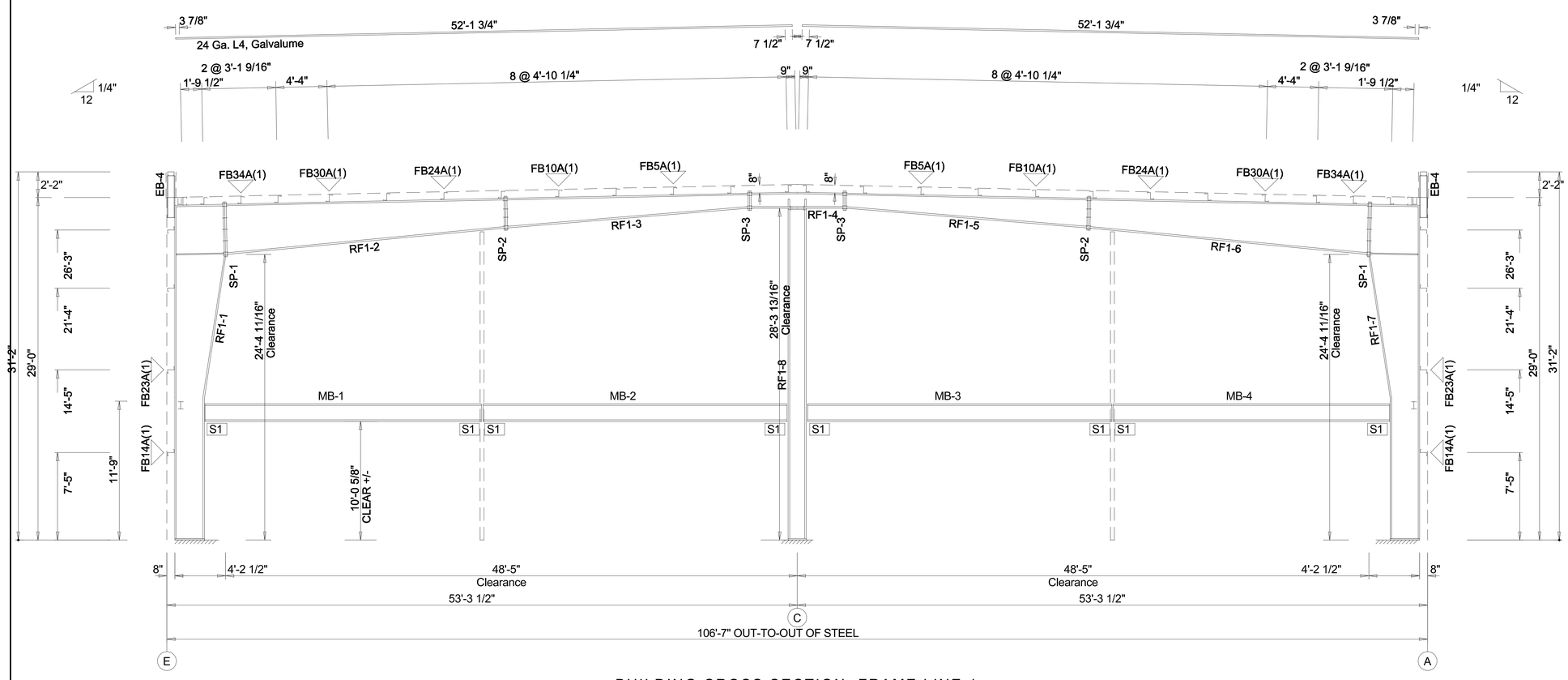
SPLICE BOLT TABLE							CAP PLATE BOLTS				
Mark	Qty Top	Bot	Int	Type	Dia	Length	Mark	Qty	Type	Dia	Length
SP-1	4	4	6	A325	0.750	2.00	RF1-8	4	A325	0.750	1.75
SP-2	4	4	4	A325	0.500	1.50					
SP-3	4	4	0	A325	0.500	1.50					

SUPPORT BEAM BOLT TABLE				
☐ ID	Qty	Type	Dia	Length
0	3	A325	0.750	1.75

FLANGE BRACES: Both Sides(U.N.)
FBxxA(1)
A - L15X1/8

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	27.0/27.0	0.149	144.5	5 x 1/4" x 339.4	5 x 1/4" x 144.5
	27.0/46.1	0.188	120.0	8 x 1/4" x 49.2	5 x 1/4" x 146.3
	46.1/50.0	0.219	75.9		
RF1-2	48.0/44.7	0.219	45.0	5 x 1/4" x 285.0	5 x 1/4" x 285.7
	44.7/35.9	0.188	120.0		
	35.9/27.0	0.149	120.0		
RF1-3	27.0/12.0	0.149	247.3	6 x 1/4" x 247.3	6 x 1/4" x 247.5
RF1-4	12.0/13.0	0.149	95.3	8 x 1/4" x 47.6	8 x 1/4" x 95.3
				8 x 1/4" x 47.6	
RF1-5	12.0/27.0	0.149	247.3	6 x 1/4" x 247.3	6 x 1/4" x 247.5
RF1-6	27.0/35.9	0.149	120.0	5 x 1/4" x 285.0	5 x 1/4" x 285.7
	35.9/44.7	0.188	120.0		
	44.7/48.0	0.219	45.0		
RF1-7	50.0/46.1	0.219	75.9	8 x 1/4" x 49.2	5 x 1/4" x 146.3
	46.1/27.0	0.188	120.0	5 x 1/4" x 339.4	5 x 1/4" x 144.5
	27.0/27.0	0.149	144.5		
RF1-8	W1610064				
EB-4	W8X10				



BUILDING CROSS SECTION: FRAME LINE 1

GENERAL NOTES:

1. See Detail Sheets for Connection Information.
2. See Shipping List for Flange Brace Lengths.

BEAM TABLE		
Mark	Part	Length
MB-1	W18X40	23'-5 5/8"
MB-2	W18X40	25'-9 1/8"
MB-3	W18X40	25'-9 1/8"
MB-4	W18X40	23'-5 5/8"

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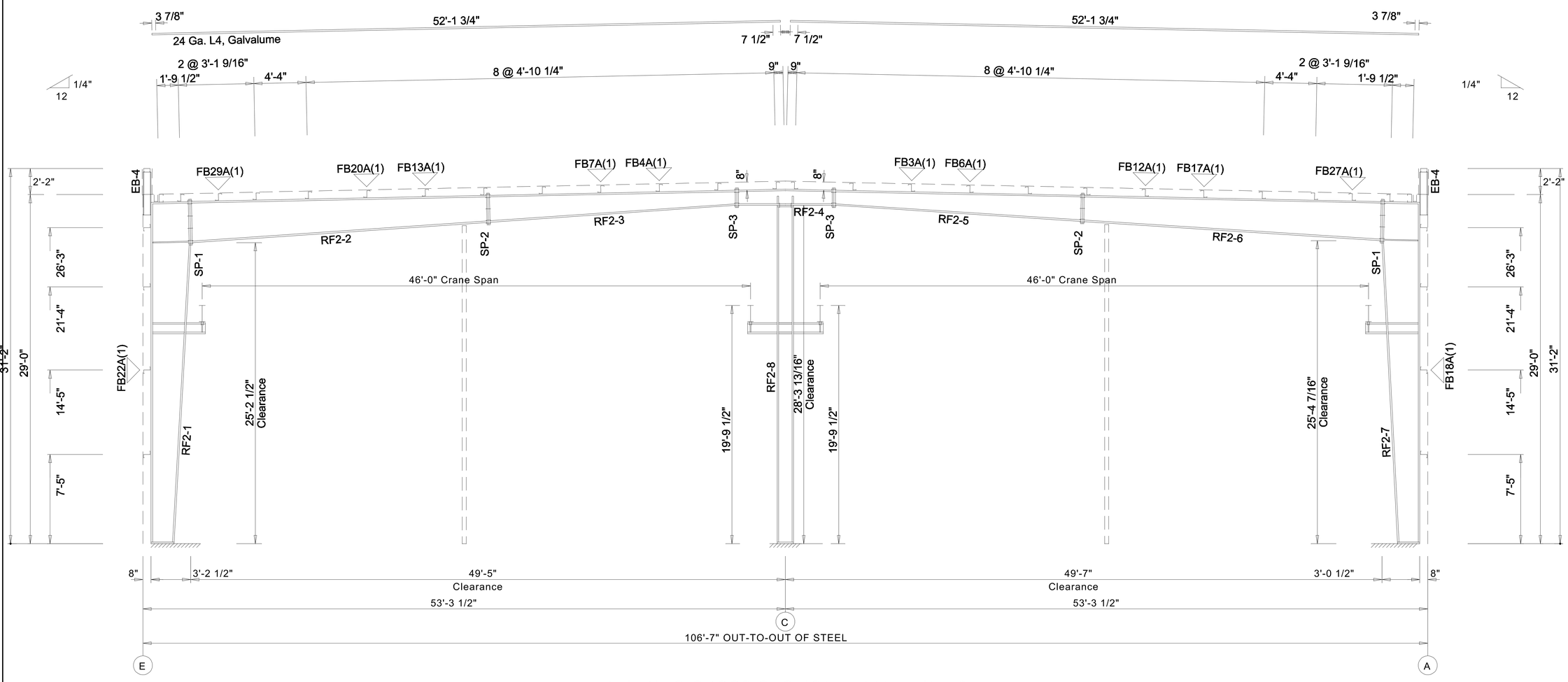
SPLICE BOLT TABLE							CAP PLATE BOLTS				
Mark	Qty Top	Bot	Int	Type	Dia	Length	Mark	Qty	Type	Dia	Length
SP-1	4	4	4	A325	0.750	2.00	RF2-8	4	A325	0.500	1.50
SP-2	4	4	2	A325	0.500	1.75					
SP-3	4	4	0	A325	0.500	1.50					

FLANGE BRACES: Both Sides(U.N.)
FBxxA(1)
A - L15X1/8

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	20.0/34.5	0.149	240.0	6 x 1/4" x 339.4	6 x 1/4" x 299.3
	34.5/38.0	0.188	100.2	8 x 1/4" x 37.4	
RF2-2	38.0/35.3	0.188	56.6	6 x 1/4" x 296.6	6 x 1/4" x 297.0
	35.3/24.0	0.149	240.0		
RF2-3	24.0/12.0	0.149	247.2	6 x 1/4" x 247.2	6 x 1/4" x 247.2
RF2-4	12.0/13.0	0.149	95.3	6 x 1/4" x 47.6	6 x 3/8" x 95.3
				6 x 1/4" x 47.6	
RF2-5	12.0/23.0	0.149	247.2	6 x 1/4" x 247.2	6 x 1/4" x 247.2
RF2-6	23.0/25.6	0.149	60.0	6 x 1/4" x 298.6	6 x 1/4" x 298.9
	25.6/36.0	0.149	238.6		
RF2-7	36.0/34.3	0.149	70.2	8 x 1/4" x 35.4	6 x 1/4" x 301.2
	34.3/19.0	0.149	270.0	6 x 1/4" x 339.4	
RF2-8	W1406064				
EB-4	W8X10				



BUILDING CROSS SECTION: FRAME LINE 8

GENERAL NOTES:

1. See Detail Sheets for Connection Information.
2. See Shipping List for Flange Brace Lengths.

Rock Hill Project
106'-7" x 155'-10" x 29'-0"
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REVISION HISTORY

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Rock Hill Project
DRAWING STATUS

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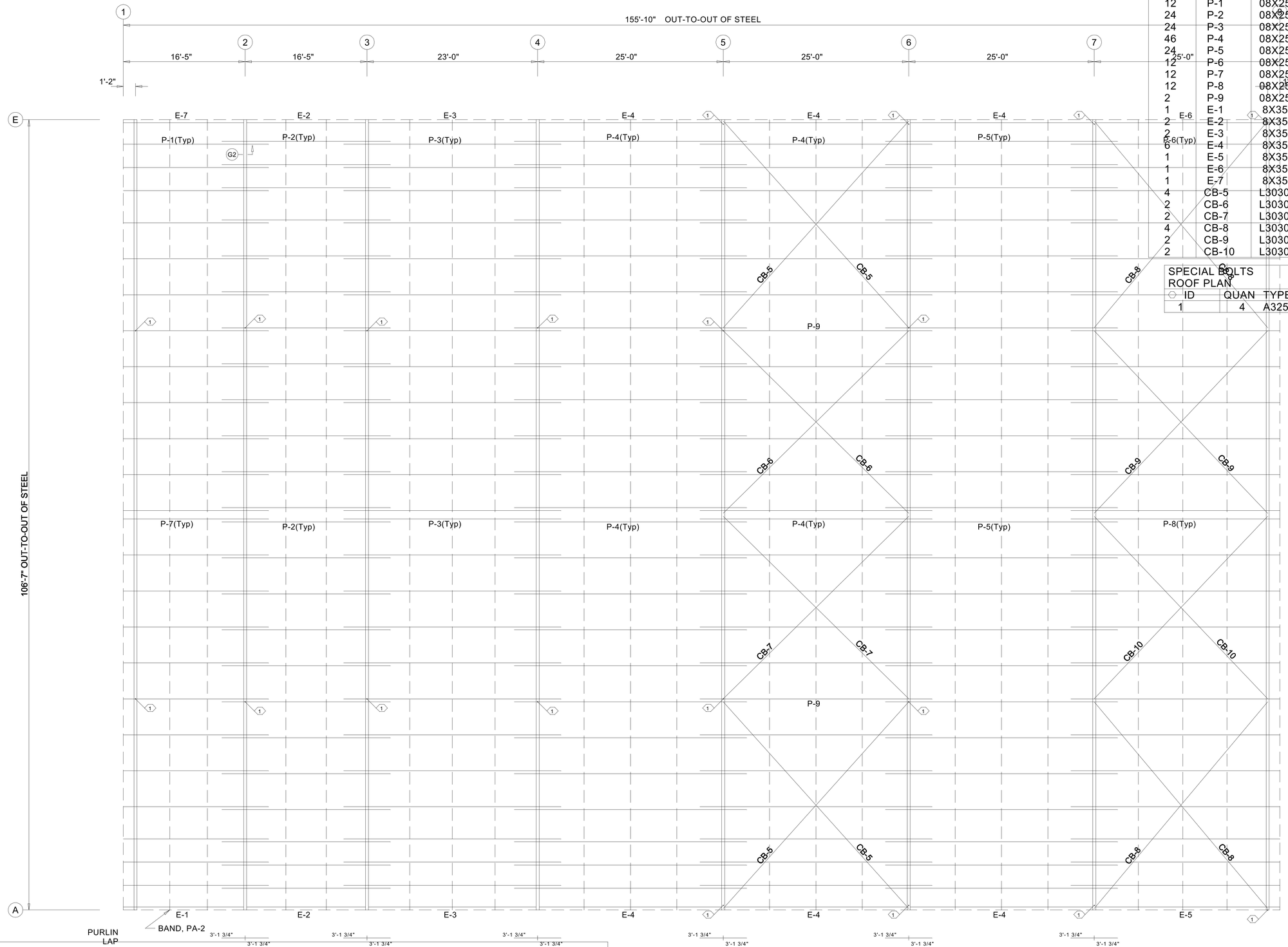

MEMBER TABLE
ROOF PLAN

QUAN	MARK	PART	LENGTH
12	P-1	08X25Z16	18'-8 1/2"
24	P-2	08X25Z16	22'-8 1/2"
24	P-3	08X25Z16	29'-3 1/2"
46	P-4	08X25Z16	31'-3 1/2"
24	P-5	08X25Z13	31'-3 1/2"
12	P-6	08X25Z13	27'-5 1/2"
12	P-7	08X25Z16	18'-8 1/2"
12	P-8	08X25Z13	27'-5 1/2"
2	P-9	08X25Z14	31'-3 1/2"
1	E-1	8X35E10	15'-6 1/2"
2	E-2	8X35E10	16'-4 1/2"
2	E-3	8X35E10	22'-11 1/2"
6	E-4	8X35E10	24'-11 1/2"
1	E-5	8X35E10	24'-3 1/2"
1	E-6	8X35E10	24'-3 1/2"
1	E-7	8X35E10	15'-6 1/2"
4	CB-5	L303025	36'-6 3/8"
2	CB-6	L303025	34'-7 15/16"
2	CB-7	L303025	34'-7 15/16"
4	CB-8	L303025	35'-8 15/16"
2	CB-9	L303025	33'-9 15/16"
2	CB-10	L303025	33'-9 15/16"

SPECIAL BOLTS
ROOF PLAN

ID	QUAN	TYPE	DIA	LENGTH	WASH
1	4	A325	1/2"	1 1/4"	0

GENERAL NOTES:

1. Screw Down Roof: Use TEK5WW screws in place of SD150 panel screws at all 10 gage purlins, eave struts, or roof joists.
2. Standing Seam Roof: Use FST#6 in place of FST#1 clip to purlin screws at all 10 gage purlins, eave struts, or at roof joists.

ROOF FRAMING PLAN

DRAWING IS NOT TO SCALE

Rock Hill Project
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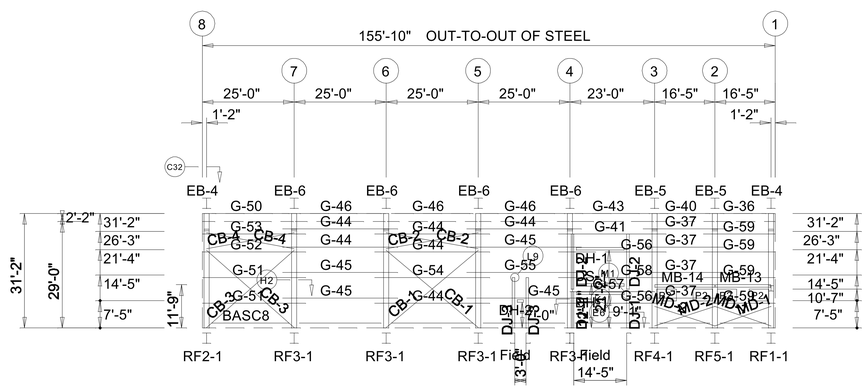
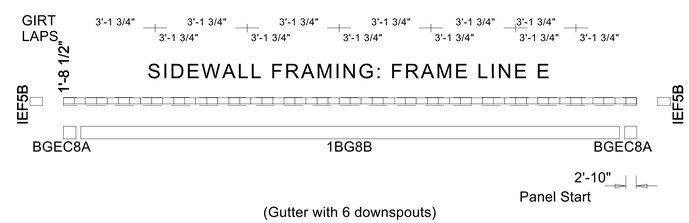
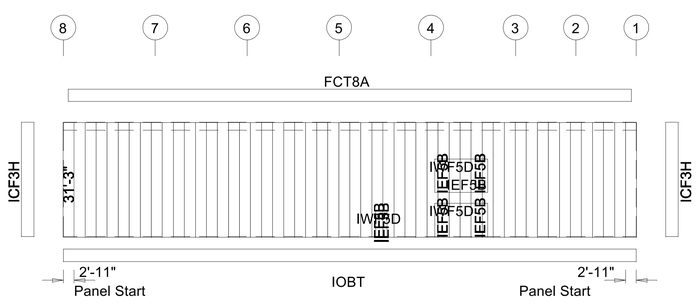




SIDEWALL FRAMING: FRAME LINE E

PARAPET BACK SHEETING & TRIM: LINE E

PANELS: 26 Ga. R - TBD



SIDEWALL SHEETING & TRIM: FRAME LINE E

PANELS: 26 Ga. R - TBD

GENERAL NOTES:

1. Use TEK5WW screws in place of SD150 panel screws at all 10 gage members.
2. All connections to door or window jambs where the clip is not designated in the clip table / drawing are made with JC# clips (#= Girt Depth).

BOLT TABLE
FRAME LINE E

LOCATION	QUAN	TYPE	DIA	LENGTH
EB-4	4	A325	1/2"	1 1/4"
EB-6	4	A325	1/2"	1 1/4"
EB-5	4	A325	1/2"	1 1/4"

MEMBER TABLE
FRAME LINE E

QUAN	MARK	PART	LENGTH
2	EB-4	W8X10	3'-10 5/16"
2	EB-5	W8X10	3'-10 5/16"
4	EB-6	W8X10	4'-1 5/16"
2	DJ-1	08X35C16	10'-6 3/4"
2	DJ-2	08X35C16	15'-7 1/2"
2	DJ-3	08X35C16	14'-4 3/4"
2	DH-1	08X35C16	14'-5"
1	DH-2	08X35C16	3'-0"
1	DS-1	08X35C16	14'-5"
1	G-36	08X35C16	16'-1 1/2"
4	G-37	08X25Z16	22'-8 1/2"
1	G-40	08X35C16	15'-10 1/2"
1	G-41	08X25Z16	29'-3 1/2"
1	G-43	08X35C14	22'-5 1/2"
6	G-44	08X25Z16	31'-3 1/2"
4	G-45	08X25Z14	31'-3 1/2"
3	G-46	08X35C13	24'-5 1/2"
1	G-50	08X35C14	24'-8 1/2"
2	G-51	08X25Z13	28'-1 1/2"
1	G-52	08X25Z14	28'-1 1/2"
1	G-53	08X25Z16	28'-1 1/2"
1	G-54	08X25Z13	31'-3 1/2"
1	G-55	08X25Z10	31'-3 1/2"
2	G-56	08X25Z14	29'-3 1/2"
1	G-57	08X25Z13	23'-3 1/2"
1	G-58	08X25Z10	29'-3 1/2"
4	G-59	08X25Z16	19'-6 1/2"
2	CB-1	L303025	32'-0 3/16"
2	CB-2	L303025	25'-7 3/8"
2	CB-3	L303025	31'-1 3/8"
2	CB-4	L303025	24'-5 3/4"
1	MB-13	W8X18	15'-0 1/4"
1	MB-14	W8X18	16'-2 1/4"
2	MD-1	CABLE500	18'-6 9/16"
2	MD-2	CABLE500	19'-6 5/8"

PERIMETER BEAM BOLT TABLE
FRAME LINE E

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

DRAWING IS NOT TO SCALE

TRIM COLORS

EAVE TRIM	= TBD	CORNER TRIM	= TBD
BASE TRIM	= TBD	GUTTER	=
DOOR TRIM	= TBD	DOWNSPOUTS	=
RAKE TRIM	= TBD		

* LINER TRIM = Liner panel color
* SOFFIT TRIM = Soffit panel color

* ONLY APPLICABLE IF LINER TRIM OR SOFFIT PANEL IS INDICATED ON BUILDING ORDER.

Rock Hill Project
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Rock Hill Project
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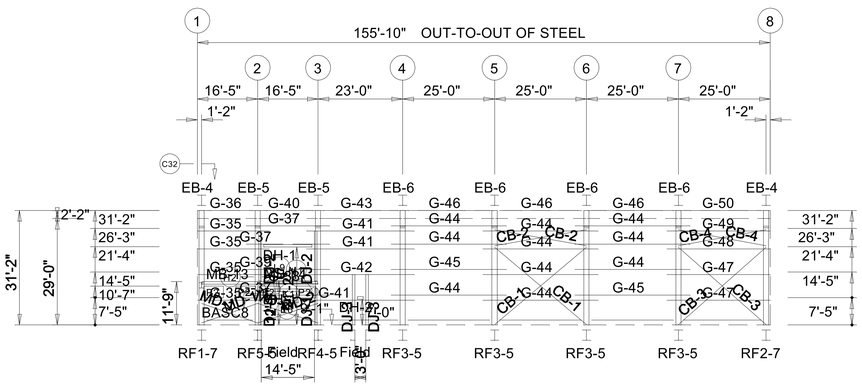
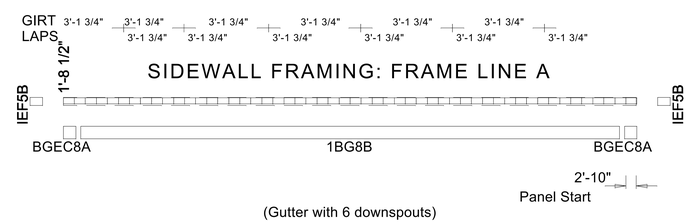
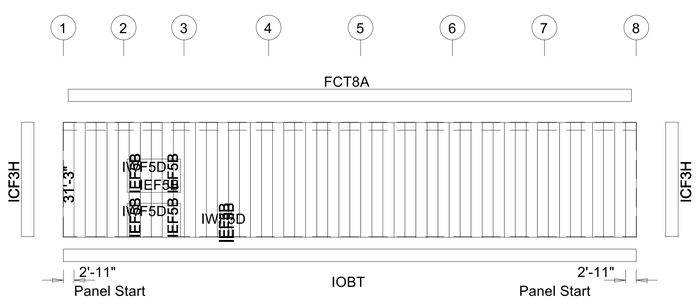




SIDEWALL FRAMING: FRAME LINE A

PARAPET BACK SHEETING & TRIM: LINE A

PANELS: 26 Ga. R - TBD



SIDEWALL SHEETING & TRIM: FRAME LINE A

PANELS: 26 Ga. R - TBD

BOLT TABLE
FRAME LINE A

LOCATION	QUAN	TYPE	DIA	LENGTH
EB-4	4	A325	1/2"	1 1/4"
EB-5	4	A325	1/2"	1 1/4"
EB-6	4	A325	1/2"	1 1/4"

MEMBER TABLE
FRAME LINE A

QUAN	MARK	PART	LENGTH
2	EB-4	W8X10	3'-10 5/16"
2	EB-5	W8X10	3'-10 5/16"
4	EB-6	W8X10	4'-1 5/16"
2	DJ-1	08X35C16	10'-6 3/4"
2	DJ-2	08X35C16	15'-7 1/2"
2	DJ-3	08X35C16	14'-4 3/4"
2	DH-1	08X35C16	14'-5"
1	DH-2	08X35C16	3'-0"
1	DS-1	08X35C16	14'-5"
4	G-35	08X25Z16	19'-6 1/2"
1	G-36	08X35C16	16'-1 1/2"
3	G-37	08X25Z16	22'-8 1/2"
1	G-38	08X25Z16	16'-8 1/2"
1	G-39	08X25Z12	22'-8 1/2"
1	G-40	08X35C16	15'-10 1/2"
3	G-41	08X25Z16	29'-3 1/2"
1	G-42	08X25Z12	29'-3 1/2"
1	G-43	08X35C14	22'-5 1/2"
10	G-44	08X25Z16	31'-3 1/2"
2	G-45	08X25Z14	31'-3 1/2"
3	G-46	08X35C13	24'-5 1/2"
2	G-47	08X25Z13	28'-1 1/2"
1	G-48	08X25Z14	28'-1 1/2"
1	G-49	08X25Z16	28'-1 1/2"
1	G-50	08X35C14	24'-8 1/2"
2	CB-1	L303025	32'-0 3/16"
2	CB-2	L303025	25'-7 3/8"
2	CB-3	L303025	31'-1 3/8"
2	CB-4	L303025	24'-5 3/4"
1	MB-13	W8X18	15'-0 1/4"
1	MB-14	W8X18	16'-2 1/4"
2	MD-1	CABLE500	18'-6 9/16"
2	MD-2	CABLE500	19'-6 5/8"

PERIMETER BEAM BOLT TABLE
FRAME LINE A

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

DRAWING IS NOT TO SCALE

TRIM COLORS

EAVE TRIM	= TBD	CORNER TRIM	= TBD
BASE TRIM	= TBD	GUTTER	=
DOOR TRIM	= TBD	DOWNSPOUTS	=
RAKE TRIM	= TBD		

* LINER TRIM = Liner panel color

* SOFFIT TRIM = Soffit panel color

* ONLY APPLICABLE IF LINER TRIM OR SOFFIT PANEL IS INDICATED ON BUILDING ORDER.

GENERAL NOTES:

1. Use TEK5WW screws in place of SD150 panel screws at all 10 gage members.
2. All connections to door or window jambs where the clip is not designated in the clip table / drawing are made with JC# clips (#= Girt Depth).

Rock Hill Project

106'-7" x 155'-10" x 29'-0"

DATE: 8/ 7/25 REVISION: 0

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F.O.51105-1-1

REVISION HISTORY

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Rock Hill Project

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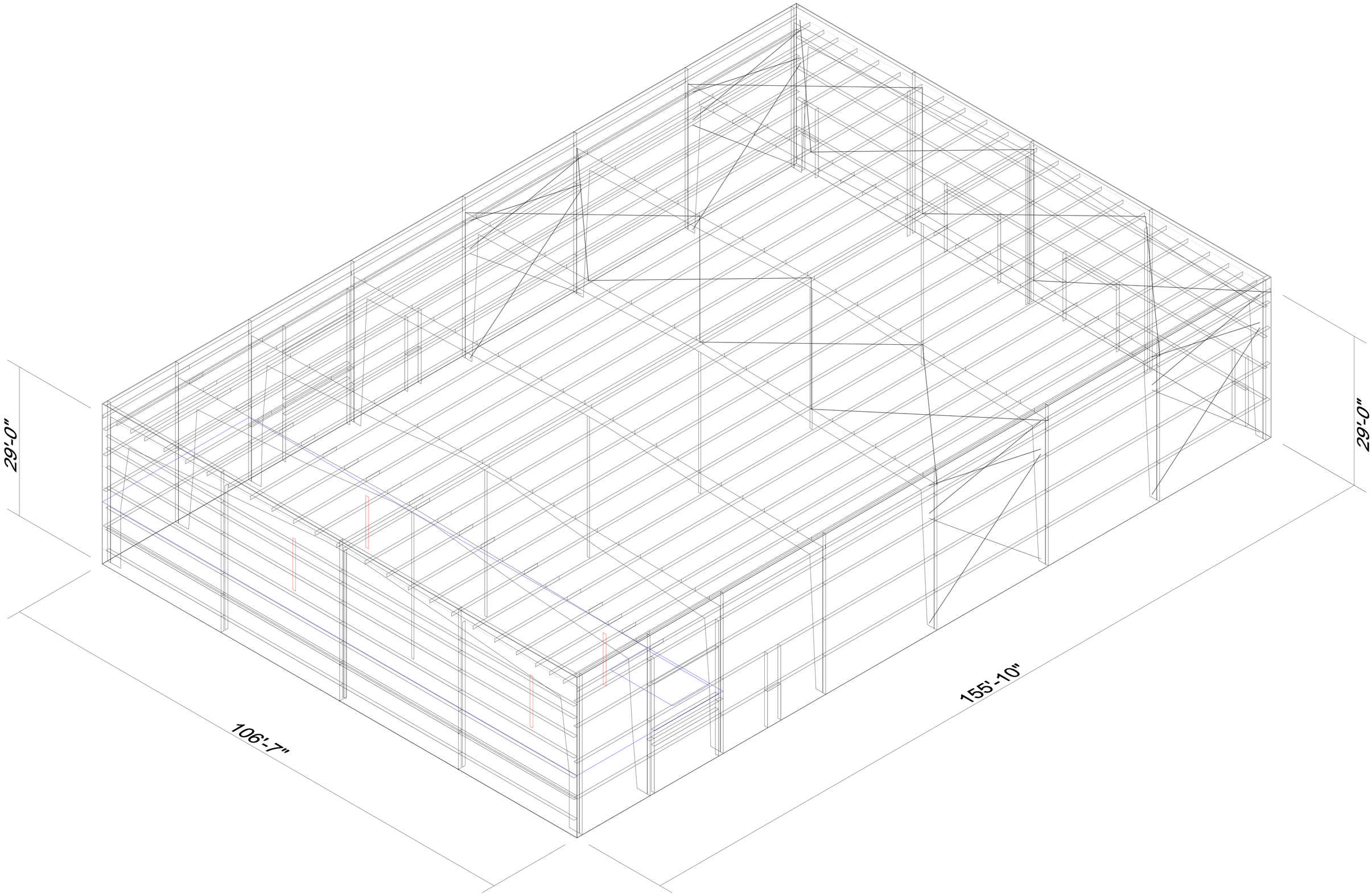
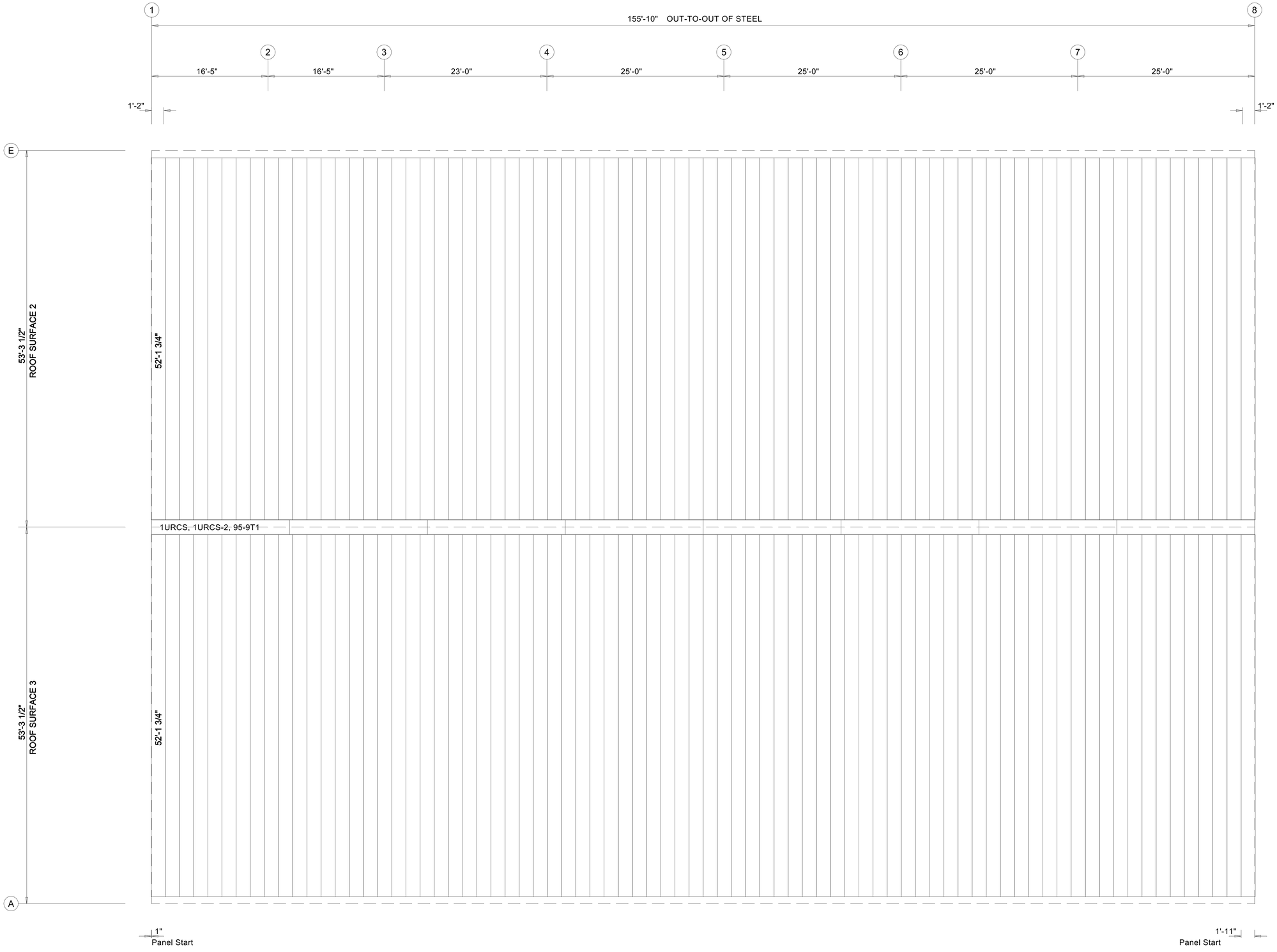

29'-0"
106'-7"
155'-10"
29'-0"



GENERAL NOTES:

Panel "Start" and "End" dimensions must be followed for the proper installation of the gable trim(s) provided.

ROOF SHEETING PLAN

PANELS: 24 Ga. L4 - Galvalume

DRAWING IS NOT TO SCALE

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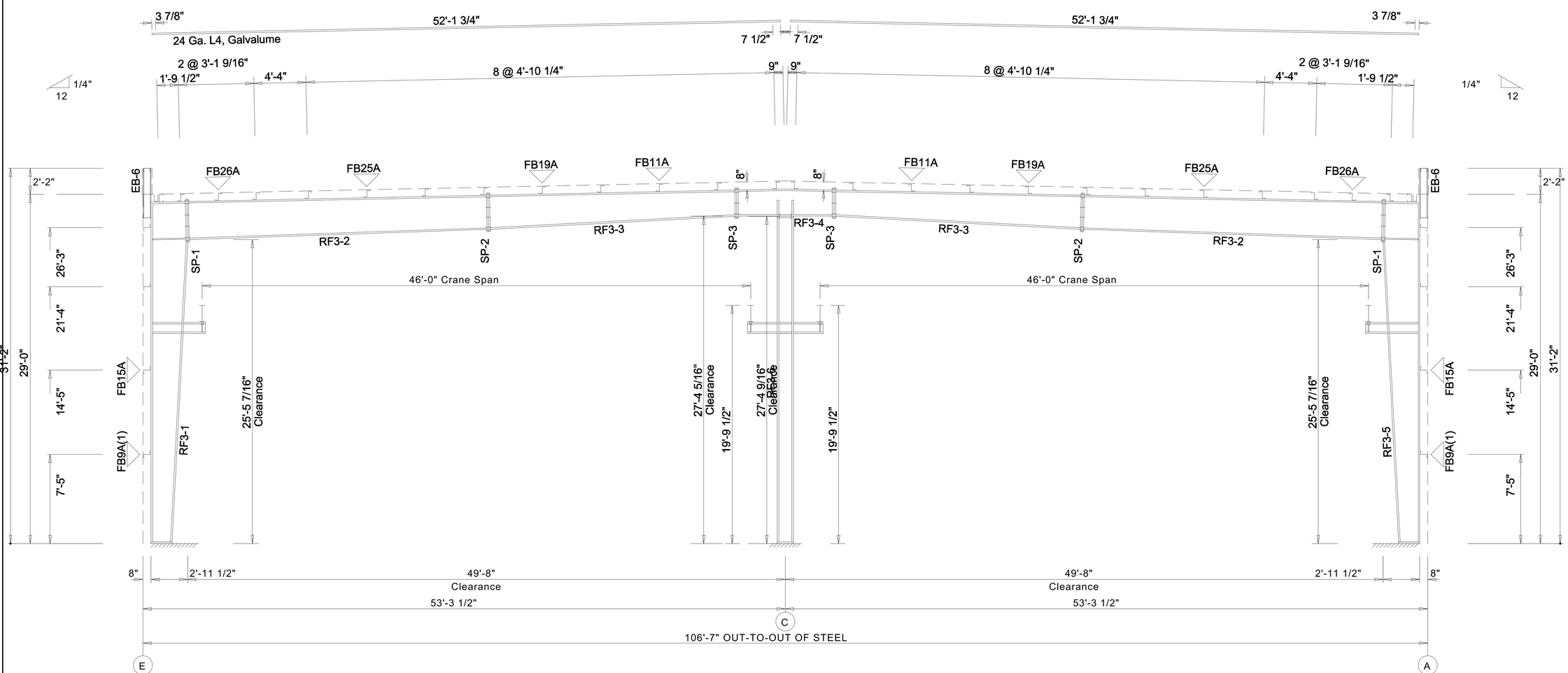
SPLICE BOLT TABLE							CAP PLATE BOLTS				
Mark	Qty Top	Bot	Int	Type	Dia	Length	Mark	Qty	Type	Dia	Length
SP-1	4	4	4	A325	0.750	2.25	RF3-6	4	A325	0.750	2.25
SP-2	4	4	4	A325	0.750	2.00					
SP-3	4	4	2	A325	0.500	1.75					

FLANGE BRACES: Both Sides(U.N.)
FBxxA(1)
A - L15X1/8

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	18.0/33.2	0.149	270.0	6 x 1/4" x 339.4	6 x 1/4" x 302.2
	33.2/35.0	0.149	70.1	8 x 1/4" x 34.5	
RF3-2	35.0/31.8	0.149	239.3	6 x 1/4" x 299.3	6 x 1/4" x 299.3
	31.8/31.0	0.149	60.0		
RF3-3	31.0/23.0	0.149	247.1	6 x 1/4" x 247.1	6 x 1/4" x 120.1
					6 x 1/2" x 126.7
RF3-4	23.0/24.0	0.149	95.0	6 x 1/4" x 47.5	6 x 3/4" x 95.0
				6 x 1/4" x 47.5	
RF3-5	35.0/33.2	0.149	70.1	8 x 1/4" x 34.5	6 x 1/4" x 302.2
	33.2/18.0	0.149	270.0	6 x 1/4" x 339.4	
RF3-6	W1406084				
EB-6	W8X10				



BUILDING CROSS SECTION: FRAME LINE 4 5 6 7

GENERAL NOTES:

1. See Detail Sheets for Connection Information.
2. See Shipping List for Flange Brace Lengths.

Rock Hill Project
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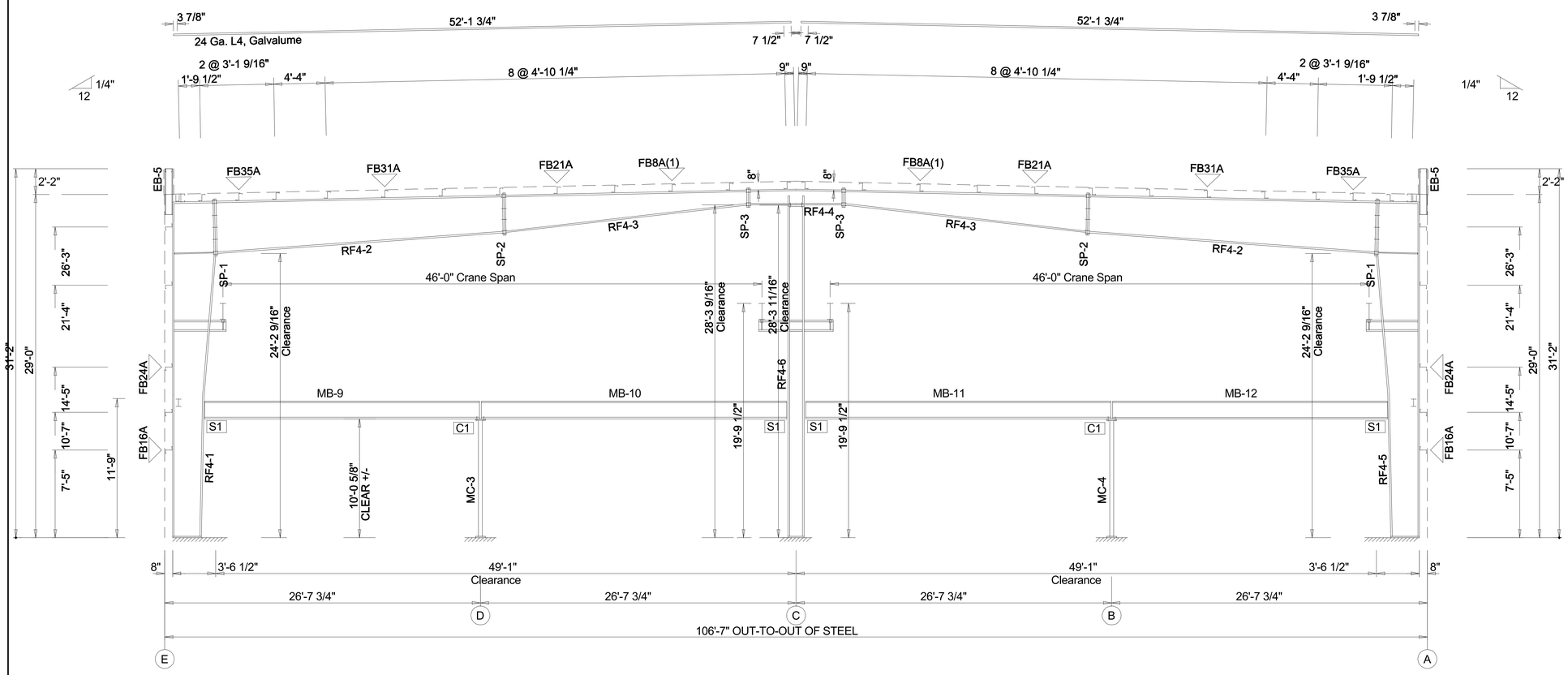
SPLICE BOLT TABLE							CAP PLATE BOLTS				
Mark	Qty Top	Bot	Int	Type	Dia	Length	Mark	Qty	Type	Dia	Length
SP-1	4	4	6	A325	0.750	2.25	RF4-6	4	A325	0.750	2.00
SP-2	4	4	4	A325	0.500	1.75					
SP-3	4	4	0	A325	0.500	1.50					

SUPPORT BEAM BOLT TABLE				
☐ ID	Qty	Type	Dia	Length
0	3	A325	0.750	1.75

SUPPORT COLUMN BOLT TABLE				
☐ ID	Qty	Type	Dia	Length
0	4	A325	0.500	1.75

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	26.0/29.0	0.149	144.5	6 x 1/4" x 339.4	6 x 1/4" x 144.5
	29.0/42.0	0.188	195.8	8 x 1/4" x 41.1	6 x 1/4" x 143.0
RF4-2	50.0/41.2	0.219	172.6	6 x 1/4" x 292.6	6 x 1/4" x 293.0
	41.2/35.0	0.188	120.0		
RF4-3	35.0/12.0	0.149	247.2	6 x 1/4" x 247.2	6 x 1/4" x 120.5
					6 x 5/16" x 127.5
RF4-4	12.0/13.0	0.149	95.3	6 x 1/4" x 47.6	6 x 1/2" x 95.3
				6 x 1/4" x 47.6	
RF4-5	42.0/29.0	0.188	195.8	8 x 1/4" x 41.1	6 x 1/4" x 143.0
	29.0/26.0	0.149	144.5	6 x 1/4" x 339.4	6 x 1/4" x 144.5
RF4-6	W1408064				
EB-5	W8X10				

FLANGE BRACES: Both Sides(U.N.)
FBxxA(1)
A - L15X1/8



BUILDING CROSS SECTION: FRAME LINE 3

GENERAL NOTES:

1. See Detail Sheets for Connection Information.
2. See Shipping List for Flange Brace Lengths.

BEAM TABLE		
Mark	Part	Length
MC-3	HSS04044	10'-0 5/8"
MC-4	HSS04044	10'-0 3/8"
MB-9	W18X40	23'-4 7/8"
MB-10	W18X40	25'-11 1/4"
MB-11	W18X40	25'-11 1/4"
MB-12	W18X46	23'-4 7/8"

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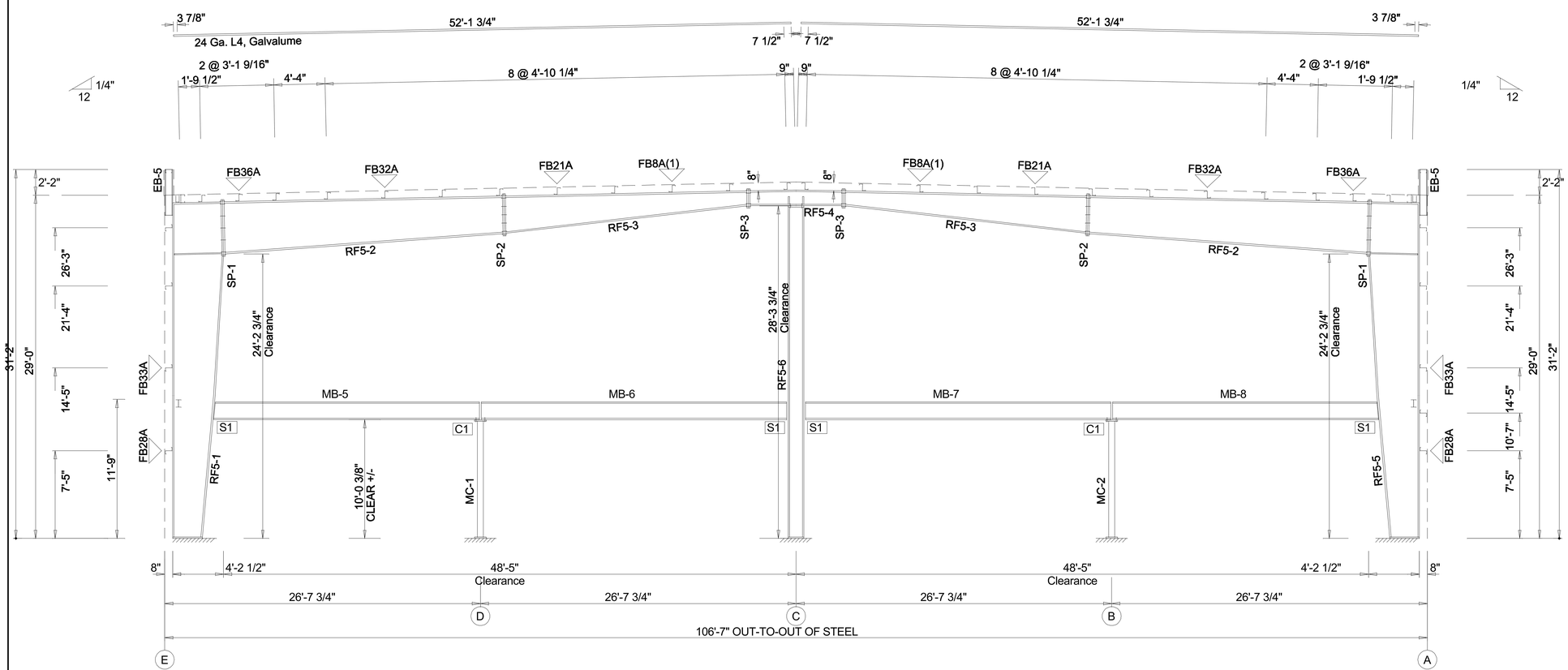
SPLICE BOLT TABLE							CAP PLATE BOLTS				
Mark	Qty Top	Bot	Int	Type	Dia	Length	Mark	Qty	Type	Dia	Length
SP-1	4	4	6	A325	0.750	2.25	RF5-6	4	A325	0.750	2.00
SP-2	4	4	6	A325	0.500	1.50					
SP-3	4	4	0	A325	0.500	1.50					

SUPPORT BEAM BOLT TABLE				
☐ ID	Qty	Type	Dia	Length
0	3	A325	1.000	2.25

SUPPORT COLUMN BOLT TABLE				
☐ ID	Qty	Type	Dia	Length
0	4	A325	0.750	2.25

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
RF5-1	27.0/40.0	0.188	144.5	6 x 1/4" x 339.4	6 x 1/4" x 145.1
	40.0/50.0	0.219	195.9	8 x 1/4" x 49.1	6 x 1/4" x 142.9
RF5-2	50.0/41.3	0.219	164.8	6 x 1/4" x 284.8	6 x 1/4" x 285.1
	41.3/35.0	0.188	120.0		
RF5-3	35.0/12.0	0.149	247.3	6 x 1/4" x 247.3	6 x 1/4" x 248.1
RF5-4	12.0/13.0	0.149	95.3	8 x 1/4" x 47.6	8 x 3/8" x 95.3
				8 x 1/4" x 47.6	
RF5-5	50.0/40.0	0.219	195.9	8 x 1/4" x 49.1	6 x 1/4" x 142.9
	40.0/27.0	0.188	144.5	6 x 1/4" x 339.4	6 x 1/4" x 145.1
RF5-6	W1410084				
EB-5	W8X10				

FLANGE BRACES: Both Sides(U.N.)
FBxxA(1)
A - L15X1/8



BUILDING CROSS SECTION: FRAME LINE 2

GENERAL NOTES:

1. See Detail Sheets for Connection Information.
2. See Shipping List for Flange Brace Lengths.

BEAM TABLE		
Mark	Part	Length
MC-1	HSS06064	10'-0 5/16"
MC-2	HSS06064	10'-0 3/8"
MB-5	W18X55	22'-6 5/16"
MB-6	W18X60	25'-11 1/4"
MB-7	W18X60	25'-11 1/4"
MB-8	W18X55	22'-6 5/16"

Rock Hill Project
106'-7" x 155'-10" x 29'-0"
DATE: 8/ 7/25
REVISION: 0
ENG:
DWN:
APPD:

F.O.51105-1-1

REVISION HISTORY

REV.	DESCRIPTION	DATE

Rock Hill Project
DRAWING STATUS

THESE DRAWINGS HAVE BEEN GENERATED FOR VISUALIZATION PURPOSES ONLY. THEY ARE PRELIMINARY AND SHOULD NOT BE CONSIDERED FINAL. FINAL DRAWINGS WILL BE ISSUED ONLY AFTER AN ORDER HAS BEEN PLACED AND DESIGNATED "FOR FABRICATION".