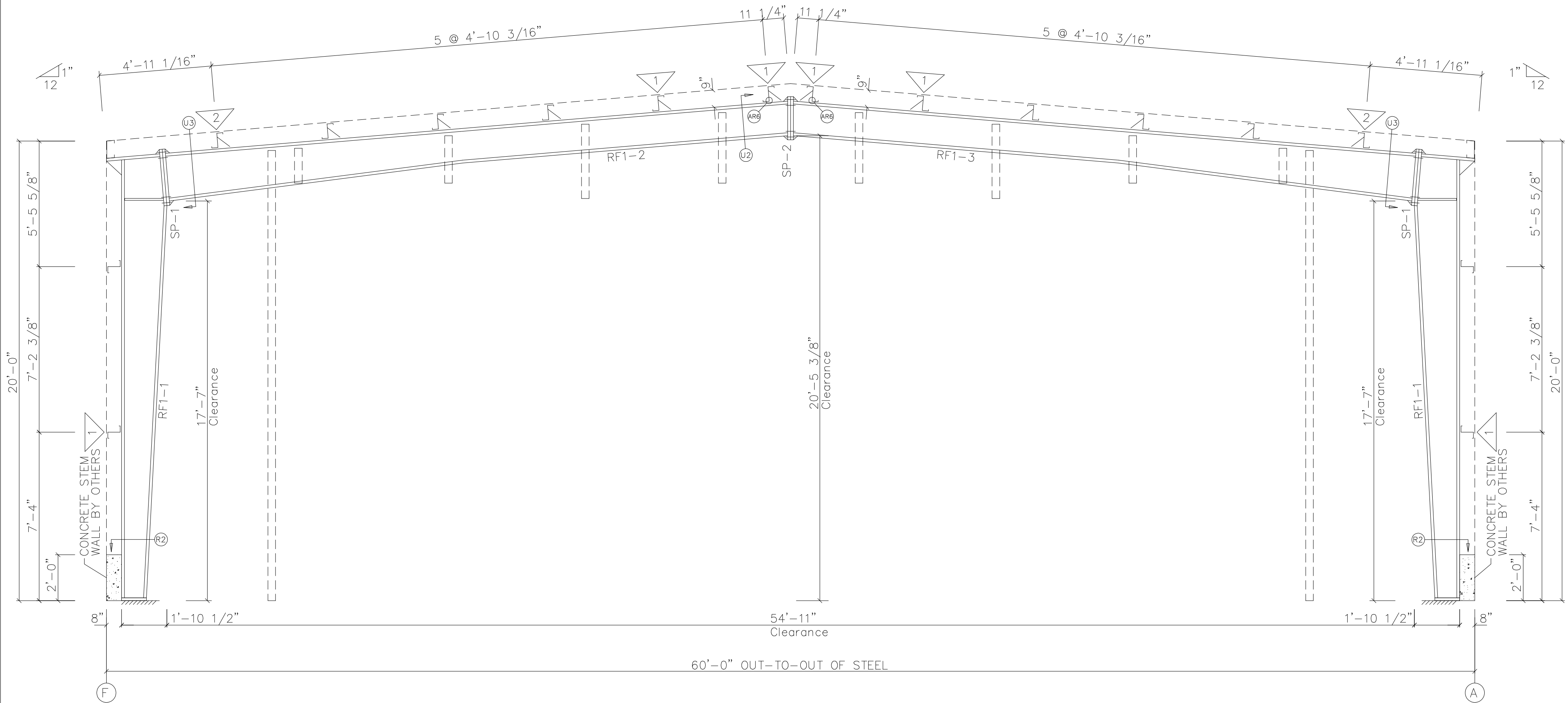


SPLICE PLATE & BOLT TABLE										
Mark	Qty Top	Bot	Int	Type	Dia	Length	Width	Thick	Length	
SP-1	4	4	0	A325	0.750	2.13	6"	1/2"	2'-5 3/8"	
SP-2	4	4	0	A325	0.750	2.13	6"	3/8"	1'-10 3/8"	

FLANGE BRACE TABLE					
FRAME LINE 1					
▽ID	#	SIDES	MARK	LENGTH	PART
1	1	1	FB1	2'-4 3/4"	L2x2x16G
2	1	1	FB4	2'-8 1/4"	L2x2x16G

STIFFENER TABLE					
Mark	Stiff Mark	Plate Size Width Thick Length			
RF1-1	St- 1	2.500	0.188	21.58	

MEMBER TABLE					
Mark	Web	Depth	Web	Plate	Outside Flange
	Start/End		Thick	Length	W x Thk x Length
RF1-1	10.0/22.0		0.188	232.7	6 x 1/4" x 231.0
					6 x 1/4" x 28.2
RF1-2	22.0/15.0		0.188	157.4	6 x 1/4" x 331.7
	15.0/15.0		0.135	174.2	
RF1-3	15.0/15.0		0.135	174.2	6 x 1/4" x 331.7
	15.0/22.0		0.188	157.4	
					6 x 1/4" x 157.6
					6 x 1/4" x 173.0
					6 x 1/4" x 173.0
					6 x 1/4" x 157.6



BUILDING CROSS SECTION: FRAME LINE 1



BUILDING
SYSTEMS
INC.

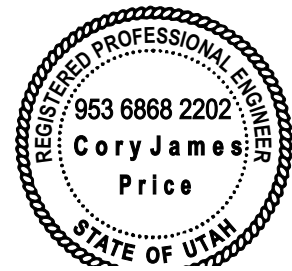


RIGID FRAME ELEVATION

JASON STEVENSON
MANTI-EPHRAIM AIRPORT
EPHRAIM, UT 84627
HANGAR

REVISIONS

REV	DATE	DESCRIPTION
1		
2		
3		
4		
5		
6		



Cory James Price
2021-05-11 12:27:57 -0600

DESIGN: CP
DRAFT: MA
CHECK:
DATE: 5/ 3/21

JOB # 21034760

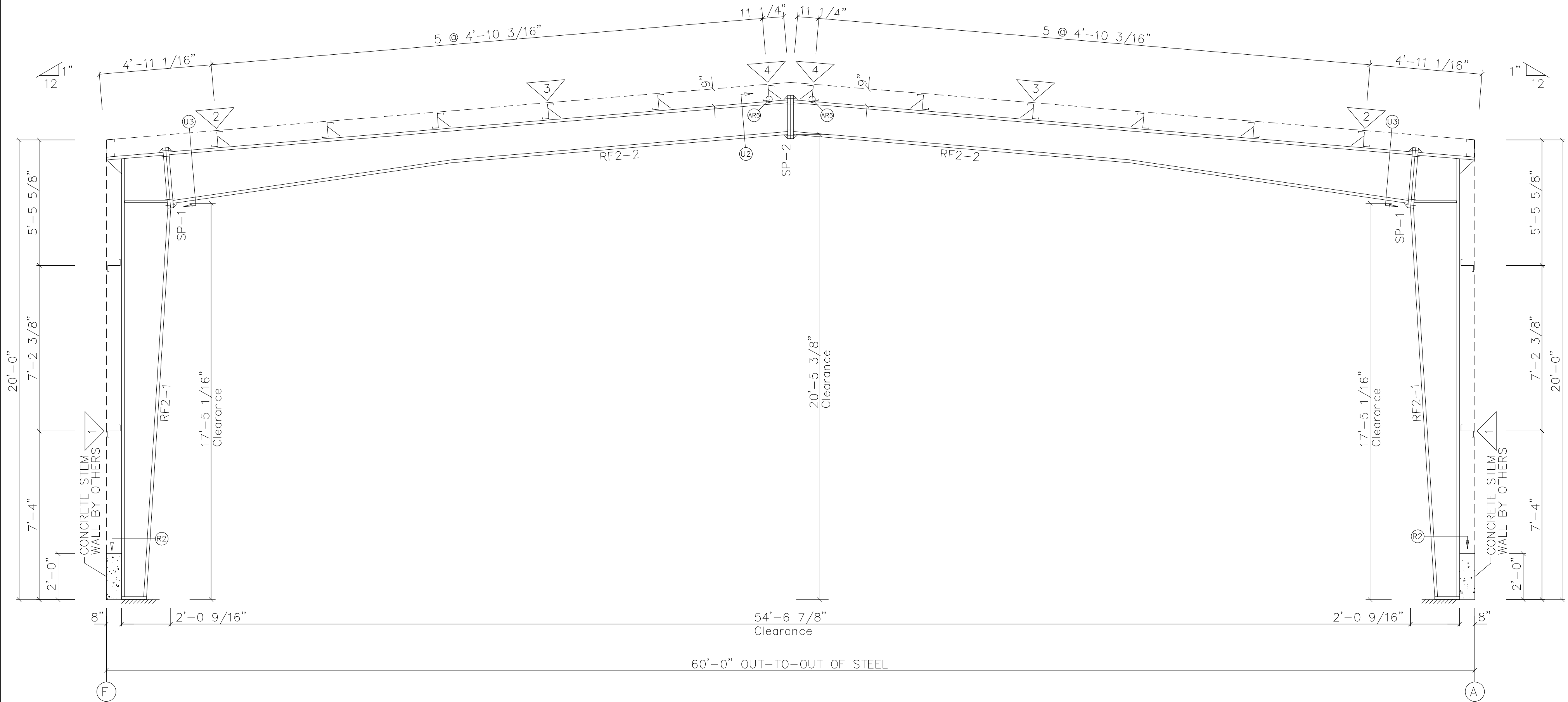
SHEET 3 OF 12 REV 0

SPLICE PLATE & BOLT TABLE									
Mark	Qty	Top	Bot	Int	Type	Dia	Length	Width	Thick
SP-1	4	4	0	A325	0.750	2.38	6"	5/8"	2'-7 3/8"
SP-2	4	4	0	A325	0.750	2.13	6"	3/8"	1'-10 3/8"

FLANGE BRACE TABLE				
FRAME LINE 2 3				
∇ID	#	MARK	LENGTH	PART
1	1	FB3	2'-5 1/4"	L2x2x14G
2	1	FB5	2'-9 1/2"	L2x2x14G
3	1	FB1	2'-4 3/4"	L2x2x16G
4	1	FB2	2'-4 3/4"	L2x2x14G

STIFFENER TABLE				
Mark	Stiff	Mark	Plate Size	Length
RF2-1	St-	1	2.500 0.188	23.58

MEMBER TABLE					
Mark	Web	Depth	Web	Plate	Outside Flange
	Start/End		Thick	Length	W x Thk x Length
RF2-1	10.0/24.0		0.188	232.8	6 x 1/4" x 231.0
					6 x 1/4" x 30.0
RF2-2	24.0/15.0		0.188	149.6	6 x 1/4" x 329.6
			0.135	180.0	
					6 x 5/16" x 205.7
					6 x 5/16" x 101.7
					6 x 1/4" x 48.1
					6 x 1/4" x 178.7



BUILDING CROSS SECTION: FRAME LINE 2 3



BUILDING
SYSTEMS
INC.



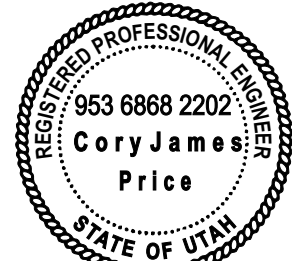
RIGID FRAME ELEVATION

JASON STEVENSON
MANTI-EPHRAIM AIRPORT
EPHRAIM, UT 84627

HANGAR

REVISIONS

REV	DATE	DESCRIPTION
1		
2		
3		
4		
5		
6		



Cory James Price
2021-05-11 12:27:58 -0600

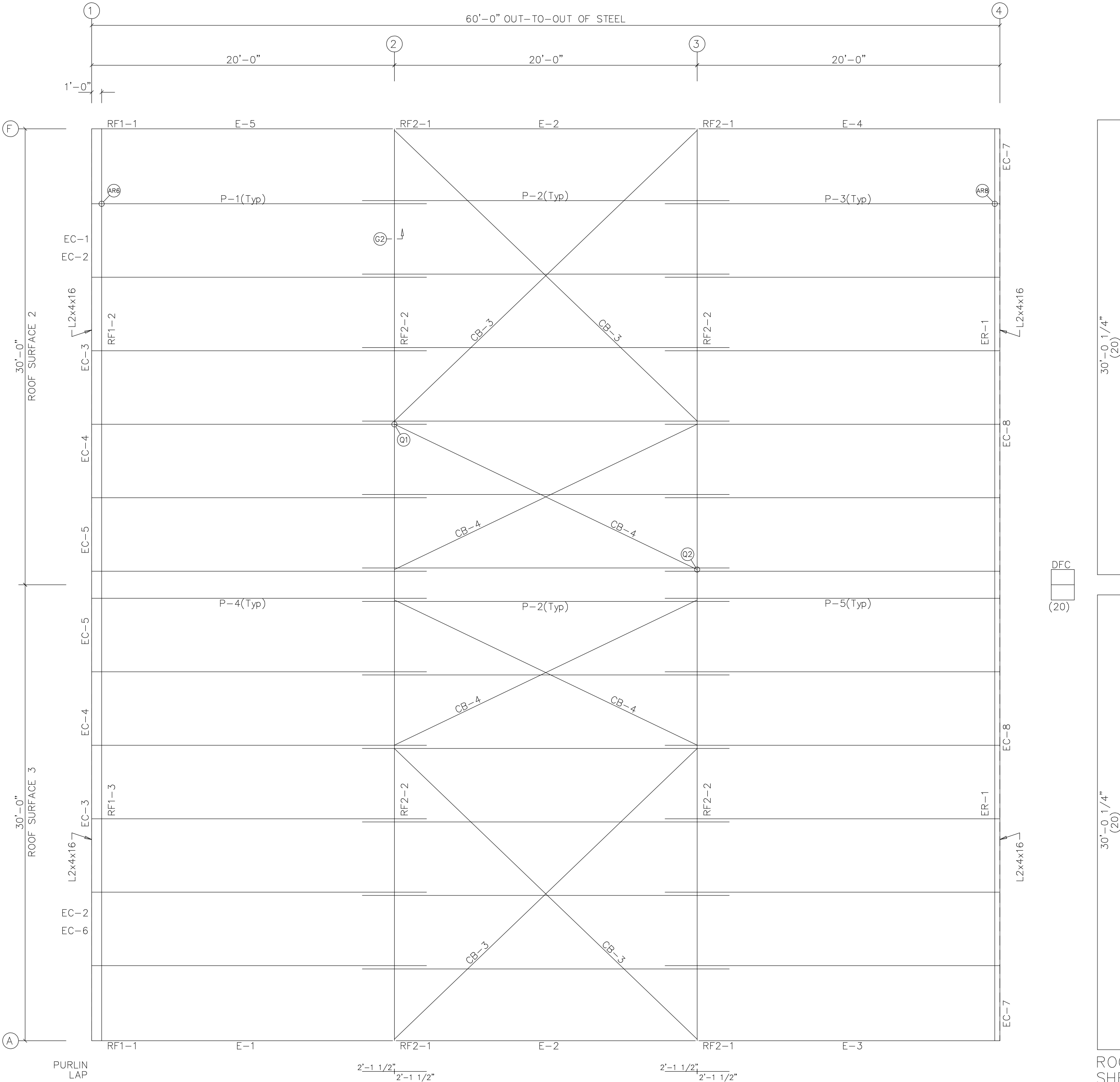
DESIGN: CP
DRAFT: MA
CHECK:
DATE: 5/ 3/21

JOB # 21034760

SHEET 4 OF 12 REV 0

- GENERAL NOTES:
1. STANDARD CONNECTION FOR ALL ROOF PURLINS TO FRAMES ARE 2 EA. 1/2" A307 BOLTS.
STANDARD CONNECTION FOR EAVE STRUTS TO FRAMES ARE 2 EA. 1/2" A325 BOLTS.
EXCEPTIONS WILL BE NOTED IN A BOLT TABLE ON THIS DRAWING
IT IS THE RESPONSIBILITY OF THE CONTRACTOR\ERECTOR TO ENSURE THAT ALL BOLT GRADES, DIAMETERS, AND QUANTITIES ARE LOCATED AND INSTALLED AS SPECIFIED.
 2. SEE DETAILS S49, S50, S51, S52, AND S53 BEFORE INSTALLATION OF ROOF PANELS
 3. SEAL ALL TRIM LAPS AS NECESSARY TO INSURE WEATHERTIGHTNESS.
 4. IT IS THE RESPONSIBILITY OF THE ERECTOR TO MAINTAIN PANEL MODULE WIDTH.

MEMBER TABLE			
ROOF PLAN			
QUAN	MARK	PART	LENGTH
6	P-1	Z925_14	22'-1 1/2"
12	P-2	Z925_16	24'-3"
6	P-3	Z925_14	22'-1 1/2"
6	P-4	Z925_14	22'-1 1/2"
6	P-5	Z925_14	22'-1 1/2"
1	E-1	E945_14	19'-11 3/4"
2	E-2	E945_14	19'-11 1/2"
1	E-3	E945_14	19'-11 3/4"
1	E-4	E945_14	19'-11 3/4"
1	E-5	E945_14	19'-11 3/4"
4	CB-3	0.25_CBL	25'-7 1/2"
4	CB-4	0.25_CBL	20'-8 3/4"



ROOF FRAMING PLAN

ROOF SHEETING
PANELS: 26 Ga. PBr Galvalume

BUILDING SYSTEMS INC.

MEMBER

ACCREDITED
Metal Building Systems
AC 472

ROOF FRAMING

JASON STEVENSON
MANTI-EPHRAIM AIRPORT
EPHRAIM, UT 84627

HANGAR

REV	DATE	DESCRIPTION
1	Δ	
2	Δ	
3	Δ	
4	Δ	
5	Δ	
6	Δ	

Registered Professional Engineer
953 6868 2202
Cory James Price
STATE OF UTAH

Digitally signed by
Cory James Price
2021-05-11 12:27:59 -0600

DESIGN: CP
DRAFT: MA
CHECK:
DATE: 5/ 3/21

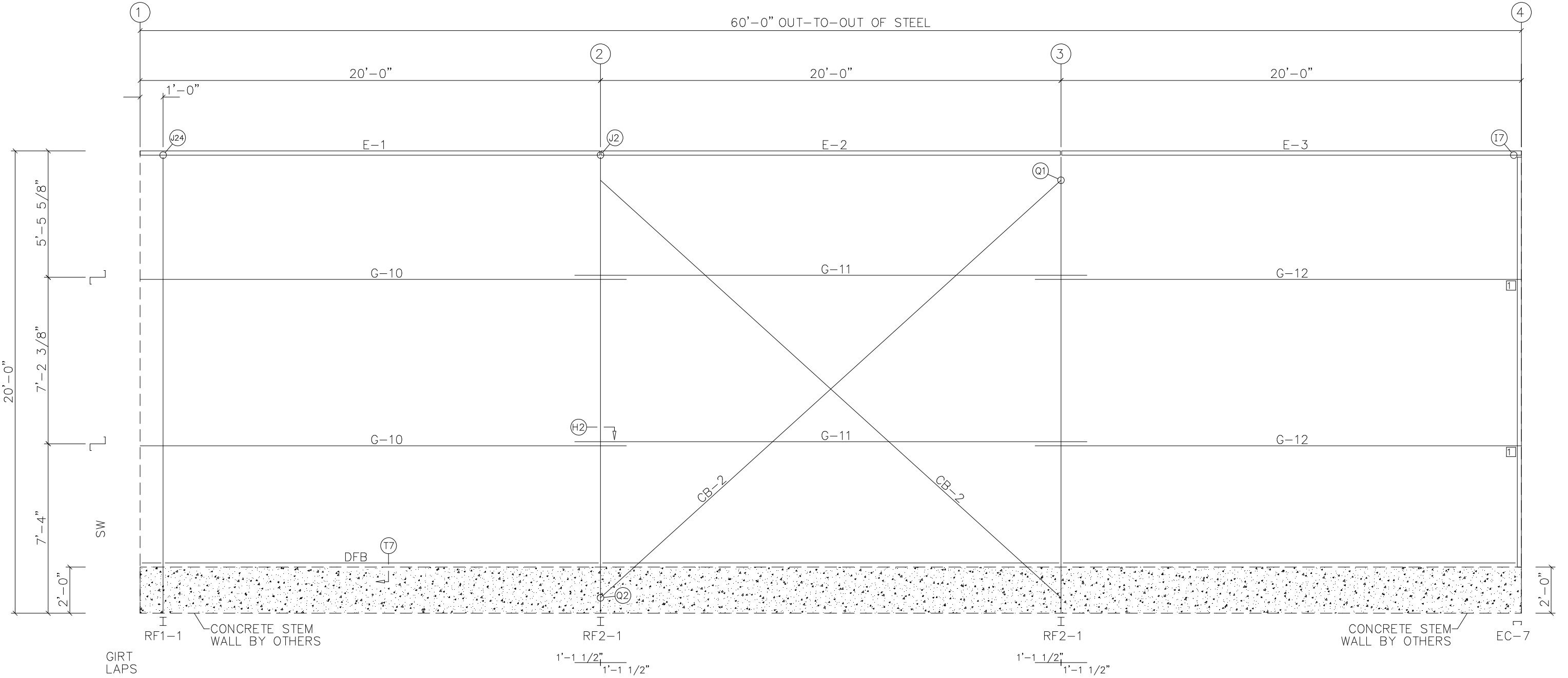
JOB # 21034760

SHEET	OF	REV
5	12	0

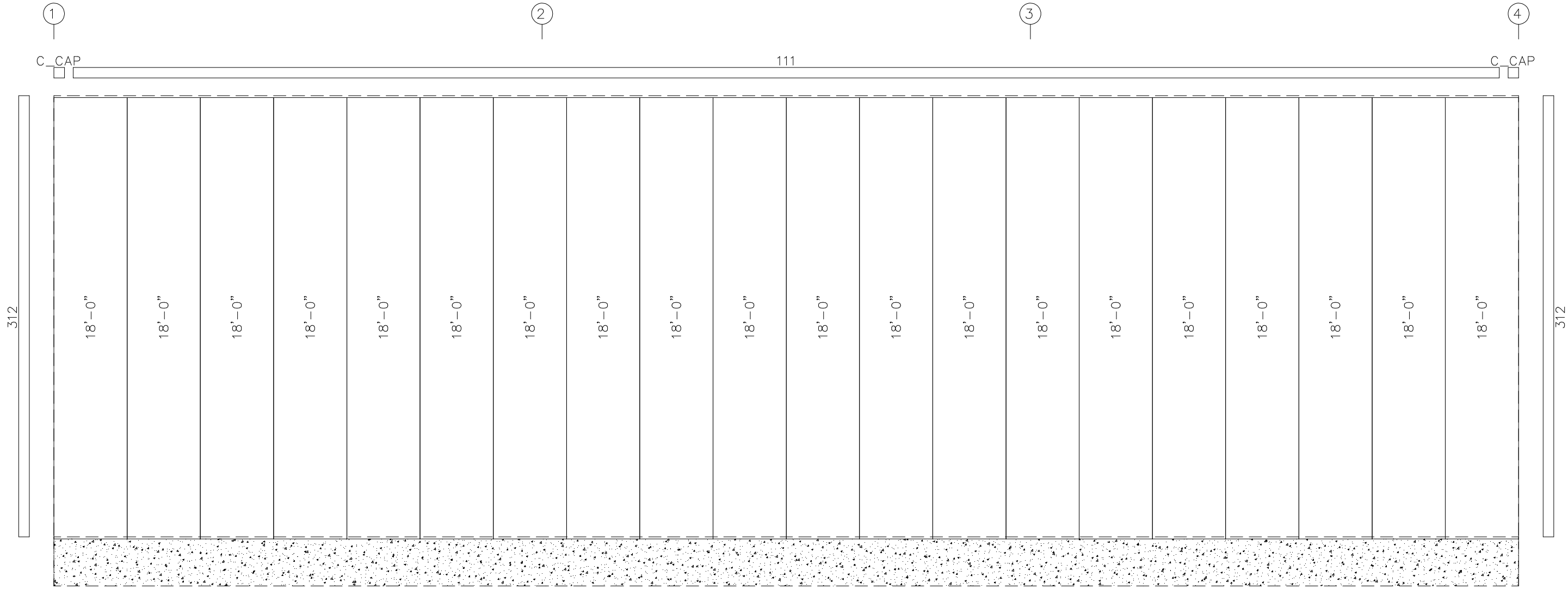
GENERAL NOTES:
CO BUILDING SYSTEMS RECOMMENDS THAT AT LEAST ONE BRACED BAY BE INSTALLED PRIOR TO OTHER FRAME LINES. THIS INCLUDES EAVE STRUTS, PURLIN STRUTS, WIND BENTS, AND BRACE CABLE/ROD OVER THE COMPLETE BAY. FAILURE TO DO SO MAY RESULT IN SERIOUS DAMAGE TO THE STRUCTURE AND/OR BODILY INJURY.

MEMBER TABLE		
FRAME LINE A		
MARK	PART	LENGTH
E-1	E945_14	19'-11 3/4"
E-2	E945_14	19'-11 1/2"
E-3	E945_14	19'-11 3/4"
G-10	Z825_16	21'-1 1/2"
G-11	Z825_16	22'-3"
G-12	Z825_16	21'-1 1/2"
CB-2	0.25_CBL	25'-8 1/2"

CONNECTION PLATES	
FRAME LINE A	
ID	MARK/PART
1	GC35



SIDEWALL FRAMING: FRAME LINE A



SIDEWALL SHEETING & TRIM: FRAME LINE A
PANELS: 26 Ga. PBR – Ash Grey



**BUILDING
SYSTEMS
INC.**



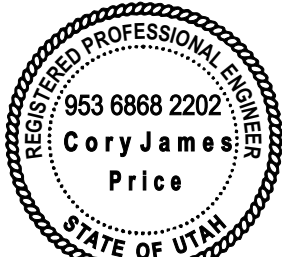
SIDEWALL FRAMING

JASON STEVENSON
MANTI-EPHRAIM AIRPORT
EPHRAIM, UT 84627

HANGAR

REVISIONS

REV	DATE	DESCRIPTION
1		
2		
3		
4		
5		
6		



Cory James Price
2021-05-11 12:28:00 -0600

DESIGN: CP
DRAFT: MA
CHECK:
DATE: 5/ 3/21

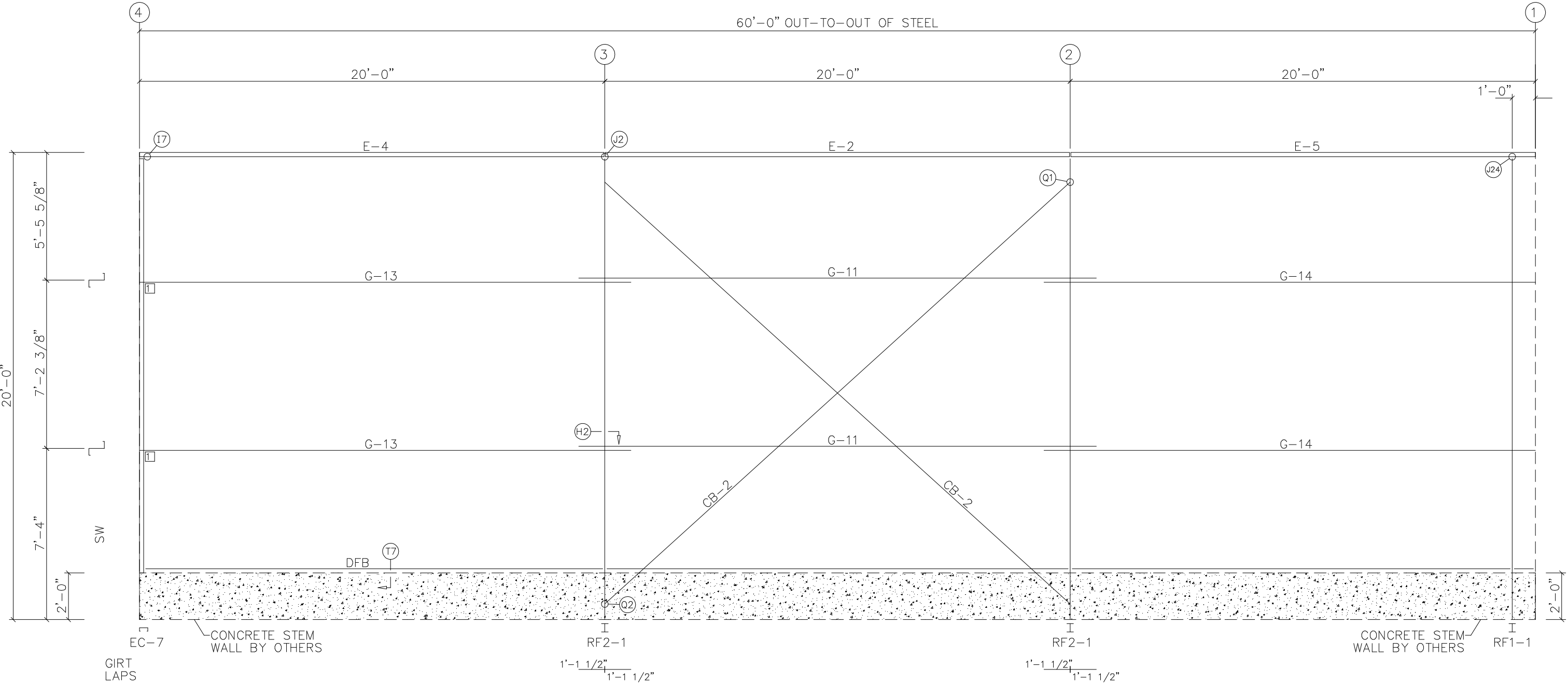
JOB # 21034760

SHEET 6 OF 12 REV 0

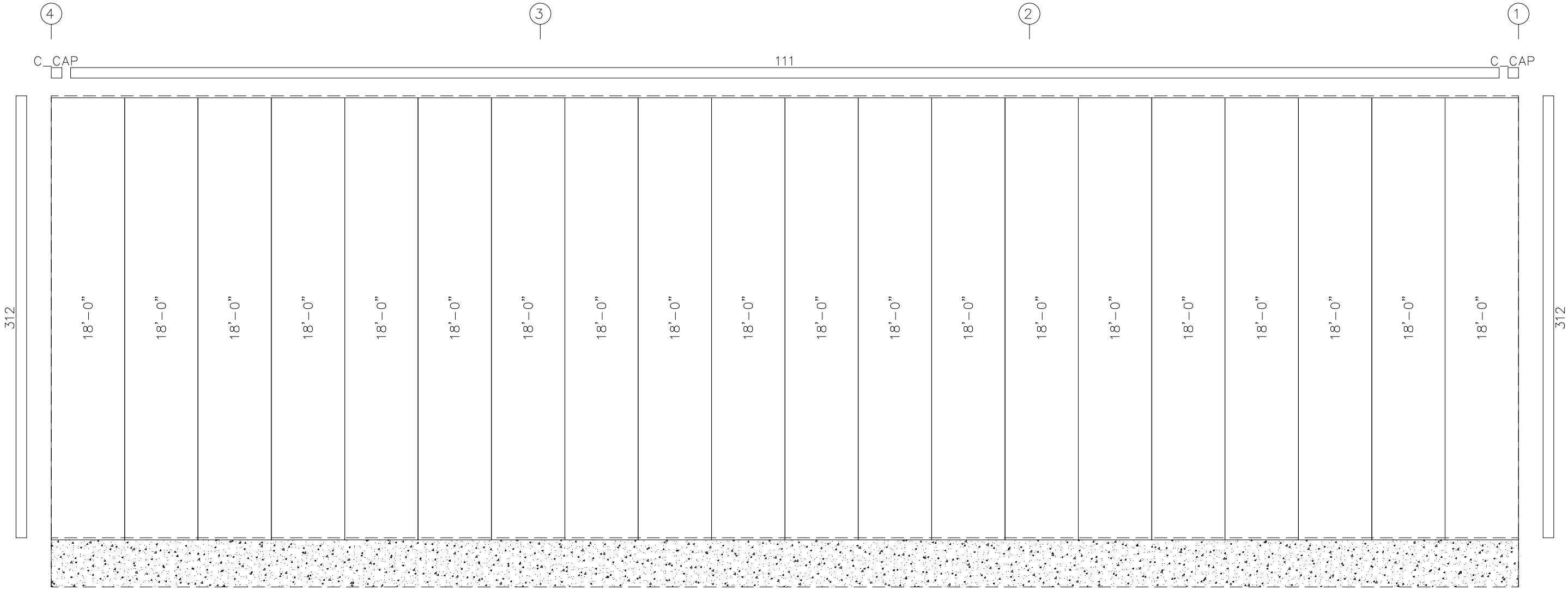
GENERAL NOTES:
CO BUILDING SYSTEMS RECOMMENDS THAT AT LEAST ONE BRACED BAY BE INSTALLED PRIOR TO OTHER FRAME LINES. THIS INCLUDES EAVE STRUTS, PURLIN STRUTS, WIND BENTS, AND BRACE CABLE/ROD OVER THE COMPLETE BAY. FAILURE TO DO SO MAY RESULT IN SERIOUS DAMAGE TO THE STRUCTURE AND/OR BODILY INJURY.

MEMBER TABLE		
FRAME LINE F		
MARK	PART	LENGTH
E-2	E945_14	19'-11 1/2"
E-4	E945_14	19'-11 3/4"
E-5	E945_14	19'-11 3/4"
G-11	Z825_16	22'-3"
G-13	Z825_16	21'-1 1/2"
G-14	Z825_16	21'-1 1/2"
CB-2	0.25_CBL	25'-8 1/2"

CONNECTION PLATES	
FRAME LINE F	
ID	MARK/PART
1	GC35



SIDEWALL FRAMING: FRAME LINE F



SIDEWALL SHEETING & TRIM: FRAME LINE F
PANELS: 26 Ga. PBR - Ash Grey



**BUILDING
SYSTEMS
INC.**



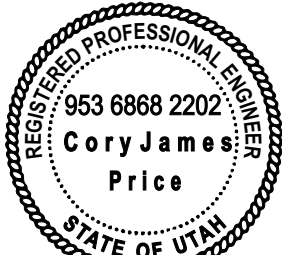
SIDEWALL FRAMING

JASON STEVENSON
MANTI-EPHRAIM AIRPORT
EPHRAIM, UT 84627

HANGAR

REVISIONS

REV	DATE	DESCRIPTION
1		
2		
3		
4		
5		
6		

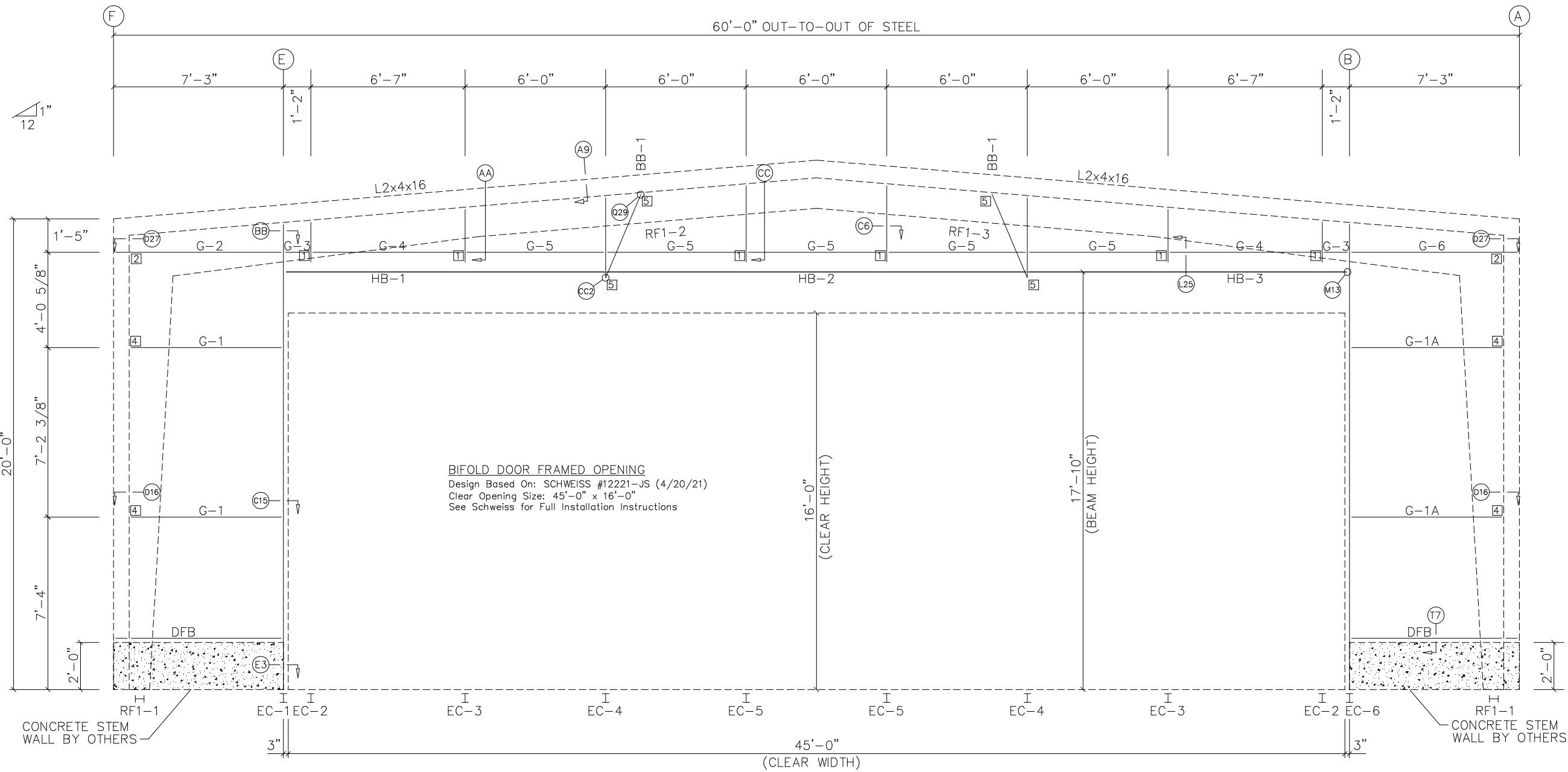


Cory James Price
2021-05-11 12:28:00 -0600

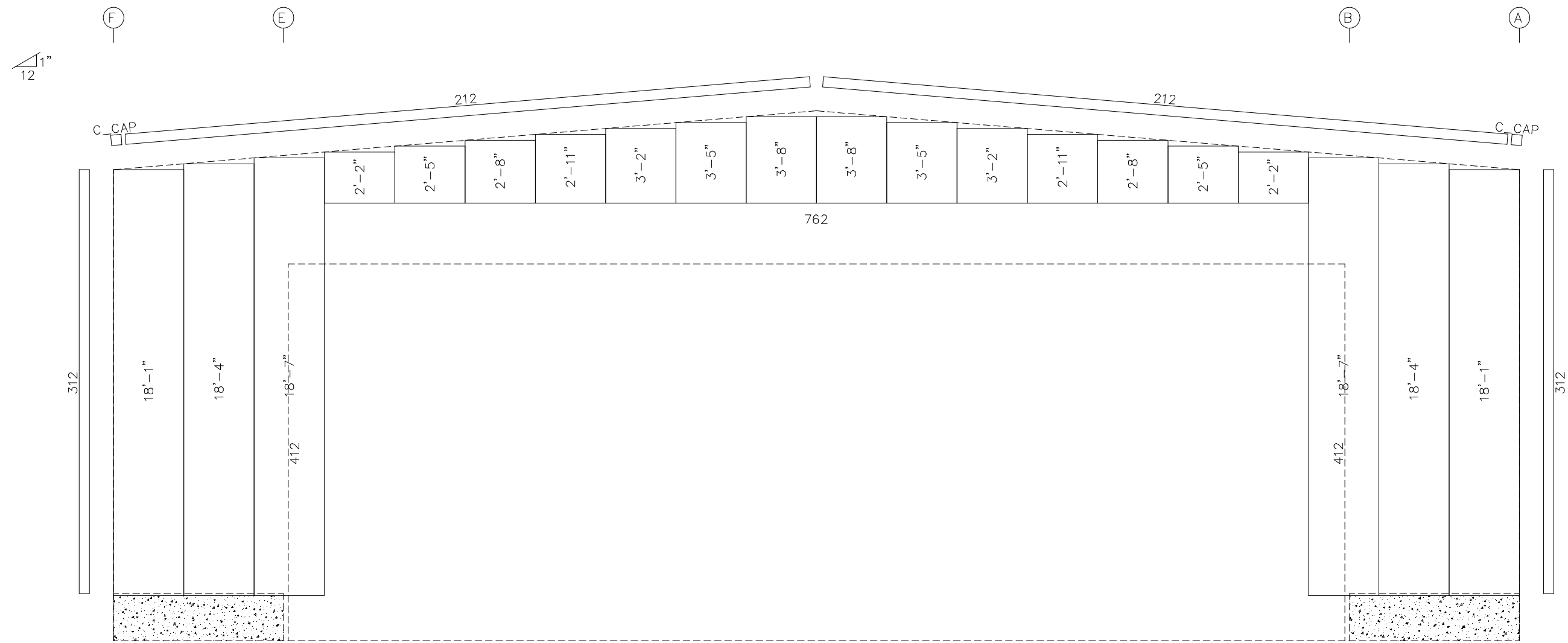
DESIGN: CP
DRAFT: MA
CHECK:
DATE: 5/ 3/21

JOB # 21034760

SHEET 7 OF 12 REV 0



ENDWALL FRAMING: FRAME LINE 1

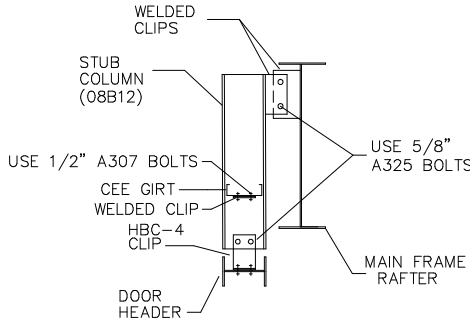


ENDWALL SHEETING & TRIM: FRAME LINE 1
PANELS: 26 Ga. PBR - Ash Grey

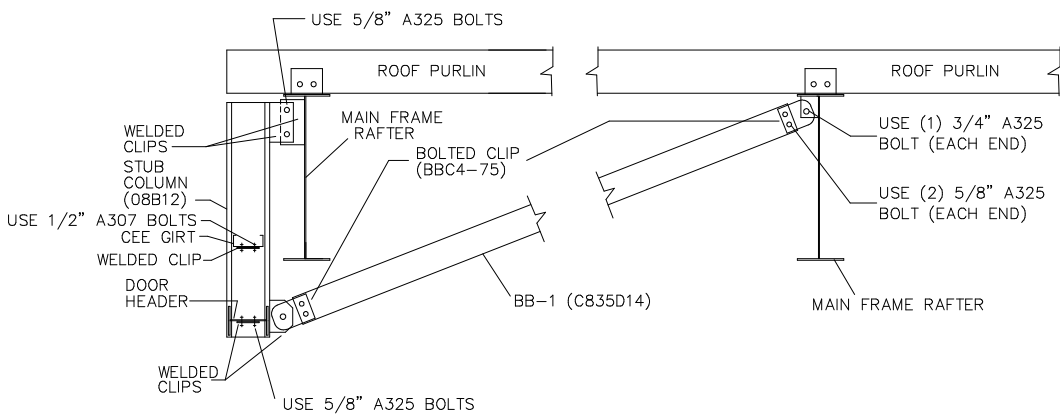
BOLT TABLE FRAME LINE 1				
LOCATION	QUAN	TYPE	DIA	LENGTH
EC-1,6/Raf	2	A325	3/4"	2"
EC-1/HB-1	2	A325	5/8"	1 1/2"
EC-6/HB-3	2	A325	5/8"	1 1/2"
EC-2,3,4,5/Raf	2	A325	5/8"	1 1/2"
EC-2,3,4,5/HB-1,2,3	4	A325	5/8"	1 1/2"
Back Braces	1	A325	3/4"	2"

MEMBER TABLE FRAME LINE 1		
MARK	PART	LENGTH
HB-1	08B12	13'-1 1/2"
HB-2	08B12	17'-4 1/2"
HB-3	08B12	13'-1 1/2"
BB-1	c835D14	18'-3 3/8"
EC-1	08B20	19'-9 3/16"
EC-2	08B12	1'-7 5/8"
EC-3	08B12	2'-2 3/16"
EC-4	08B12	3'-4 7/16"
EC-5	08B12	3'-2 3/16"
EC-6	08B20	19'-9 3/16"
G-1	z825_16	6'-3 1/2"
G-1A	z825_16	6'-3 1/2"
G-2	z825_16	6'-11 1/4"
G-3	c825_16	6 1/2"
G-4	c825_16	5'-11 1/2"
G-5	c825_16	5'-4 1/2"
G-6	z825_16	6'-11 1/4"

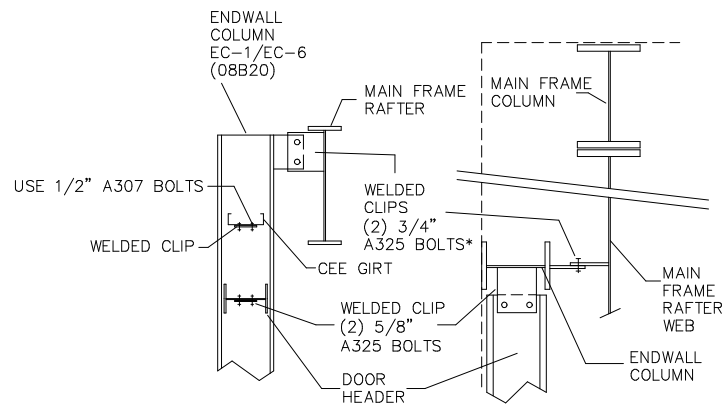
CONNECTION PLATES FRAME LINE 1	
ID	MARK/PART
1	HBC-4
2	RC8-8B
4	ESP
5	BBC4-75



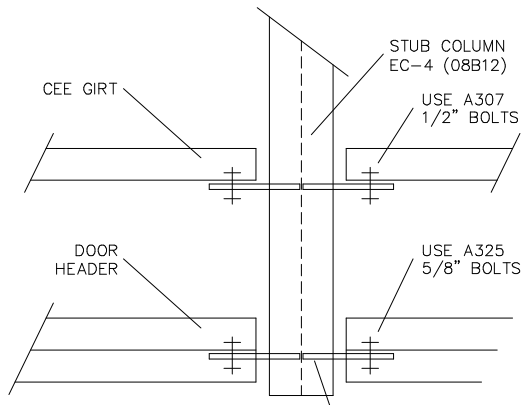
AA STUB COLUMN TO RAFTER
WITHOUT BACK BRACING



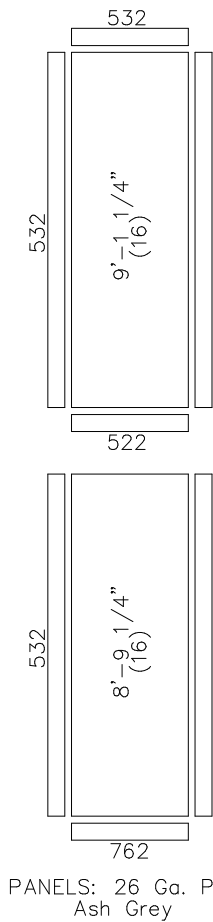
CC STUB COLUMNS WITH BACK BRACING



BB ENDWALL COLUMN/DOOR
JAMB TO MAIN FRAME



CC2 STUB COLUMN TO DOOR
HEADER CONNECTION



BUILDING
SYSTEMS
INC.



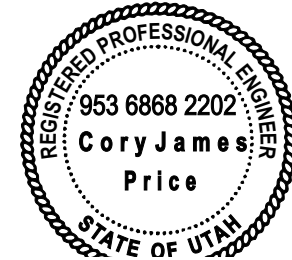
ENDWALL FRAMING

JASON STEVENSON
MANTI-EPHRAIM AIRPORT
EPHRAIM, UT 84627

HANGAR

REVISIONS

REV	DATE	DESCRIPTION
1		
2		
3		
4		
5		



Cory James Price
2021-05-11 12:28:01 -0600

DESIGN: CP
DRAFT: MA
CHECK:
DATE: 5/ 3/21

JOB # 21034760

SHEET 8 OF 12 REV 0

