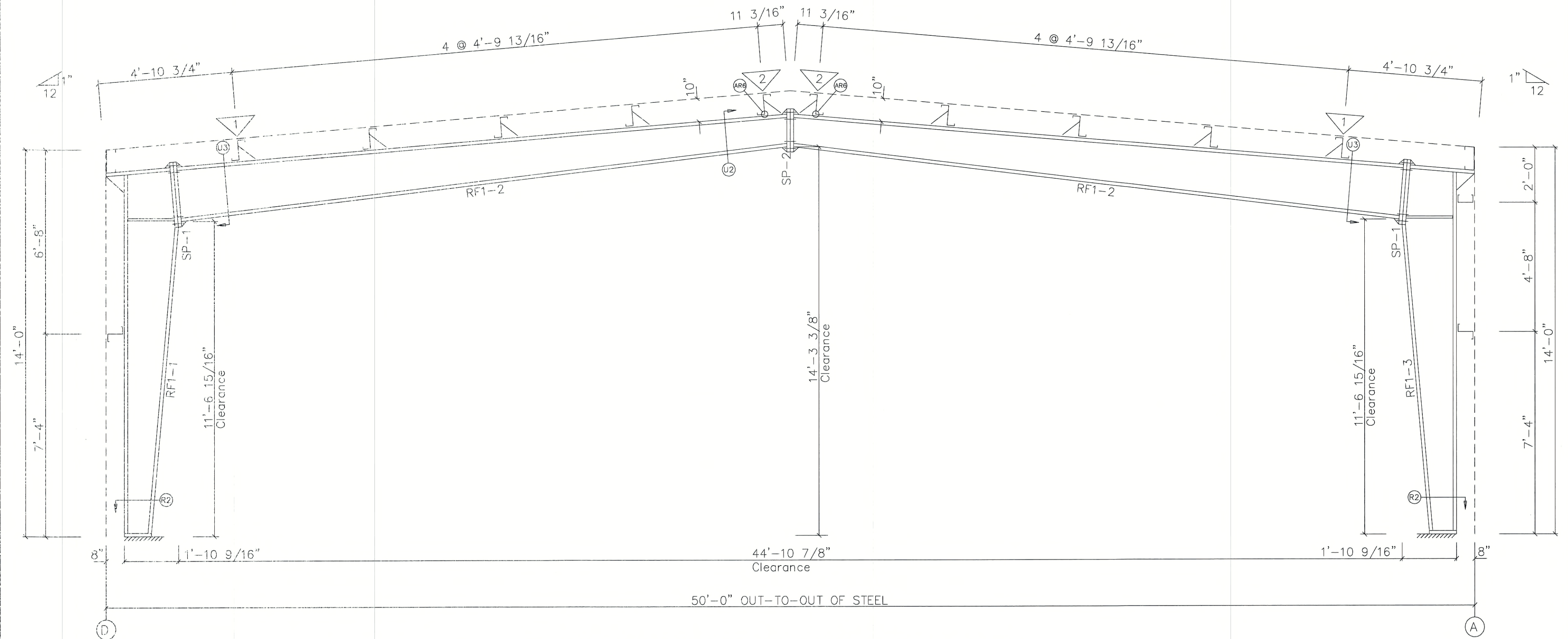


SPICE PLATE & BOLT TABLE										
Mark	Qty	Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	4	0	A325	0.750	2.38	6"	5/8"	2'-4 3/8"
SP-2	4	4	0	0	A325	0.750	2.13	6"	3/8"	1'-6 3/8"

FLANGE BRACE TABLE				
FRAME LINE 2 3 4				
VID	#	MARK	LENGTH	PART
1	1	FB2	2'-7 3/4"	L2x2x14G
2	1	FB1	1'-5 1/4"	L2x2x14G

STIFFENER TABLE							
Mark	Stiff	Mark	Plate Size		Width	Thick	Length
RF1-1	St-	1	2.500	0.250	21.58		
RF1-3	St-	1	2.500	0.250	21.58		

MEMBER TABLE									
Mark	Web	Depth	Web	Plate	Outside Flange		Inside Flange		
	Start/End	Thick	Length		W x Thk x Length		W x Thk x Length		
RF1-1	8.8/22.0	0.188	159.7		6 x 1/4" x 158.0		6 x 5/16" x 135.7		
RF1-2	21.0/15.4	0.188	151.1		6 x 1/4" x 28.3		6 x 5/16" x 103.2		
RF1-3	15.4/11.0	0.135	120.0		6 x 1/4" x 271.1		6 x 1/4" x 167.2		
	22.0/ 8.8	0.188	159.7		6 x 1/4" x 28.3		6 x 5/16" x 135.7		
					6 x 1/4" x 158.0				



BUILDING CROSS SECTION: FRAME LINE 2 3 4



RIGID FRAME ELEVATION
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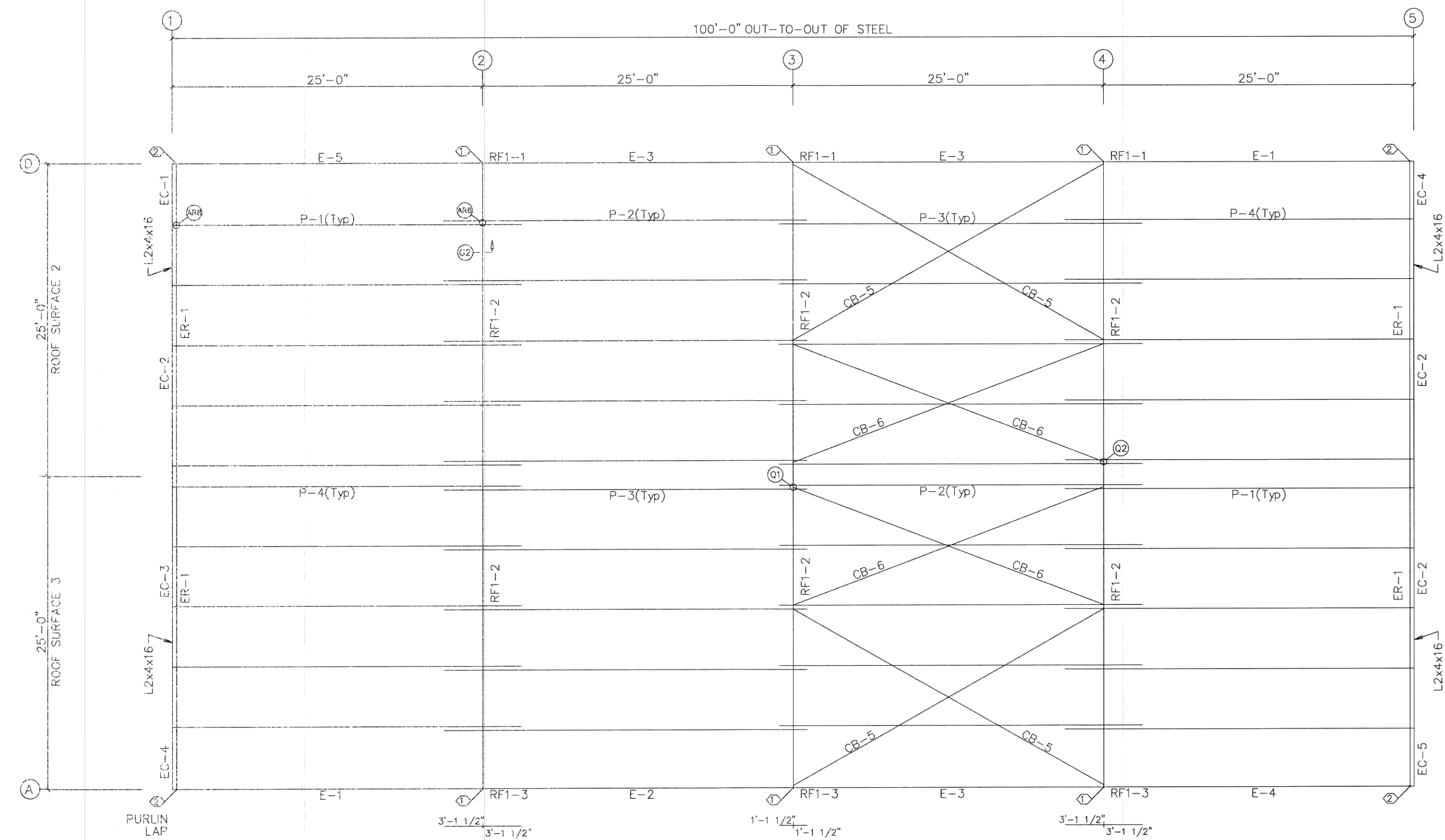
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DESIGN: ML
DRAFT: BS
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DATE: 5/25/21

JOB # 21044880
SHEET 3 OF 11 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 S48, 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.



ROOF FRAMING PLAN

MEMBER TABLE			
ROOF PLAN			
QUAN	MARK	PART	LENGTH
10	P-1	Z1025_12	28'-1 1/2"
10	P-2	Z1025_14	29'-3"
10	P-3	Z1025_14	29'-3"
10	P-4	Z1025_12	28'-1 1/2"
2	E-1	E1045_12	24'-11 3/4"
1	E-2	E1045_12	24'-11 1/2"
3	E-3	E1045_12	24'-11 1/2"
1	E-4	E1045_12	24'-11 3/4"
1	E-5	E1045_12	24'-11 3/4"
4	CB-5	0.25_CBL	26'-10 1/4"
4	CB-6	0.25_CBL	25'-4"

SPECIAL BOLTS						
ROOF PLAN						
Ø ID	QUAN	TYPE	DIA	LENGTH	WASH	
1	2	A325	5/8"	1 1/2"	1	
2	4	A325	5/8"	1 1/2"	1	

DFC
(34)

24'-8"
(34)

24'-8"
(34)

ROOF SHEETING
PANELS: 26 Ga. PBr
Galvalume



ROOF FRAMING

NOVA BUILT, LLC
2354 WEST 850 NORTH
CEDAR CITY, UT 84721

BROUS INDUSTRIAL BLDG.#2

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JOB # 21044880

SHEET 4 OF 11 REV 0

CG 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.



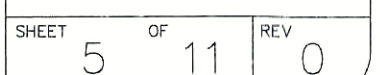
PANELS: 26 Ga. PBR - Ash Grey

ID	MARK/PART
1	PBC3N
2	GC35
3	EJ1L
4	EJ1R



BROUS INDUSTRIAL BLDG.#2

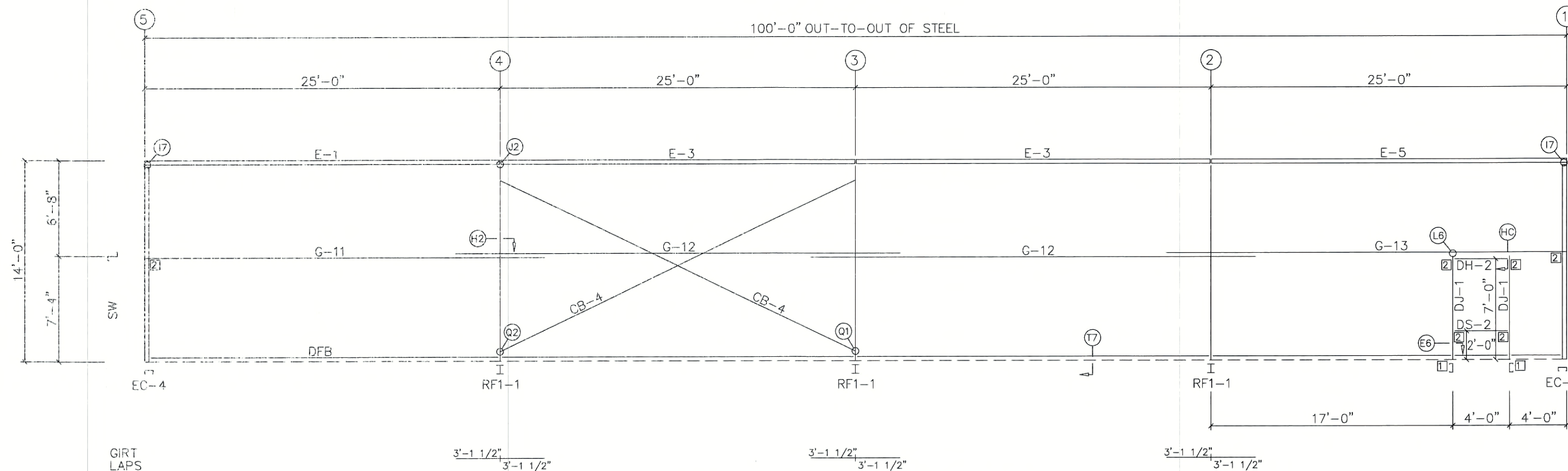
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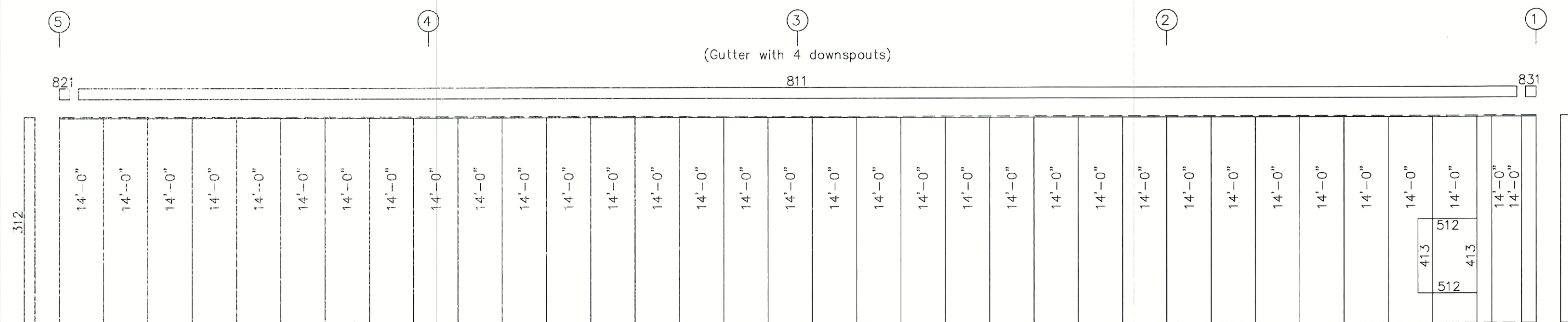
CO BUILDING SYSTEMS RECOMMENDS THAT AT LEAST ONE BRACED BAY BE INSTALLED PRIOR TO OTHER FRAME LINES. THIS INCLUDES EAVE STRUTS, PURLIN STRUTS, WIND BENTS, AND BRACE CABLE/ROD OVER THE COMPLETE BAY. FAILURE TO DO SO MAY RESULT IN SERIOUS DAMAGE TO THE STRUCTURE AND/OR BODILY INJURY.

MEMBER TABLE		
FRAME LINE D		
MARK	PART	LENGTH
DJ-1	c825_16	7'-0"
DH-2	CH830_16	4'-0"
DS-2	c825_16	4'-0"
E-1	E1045_12	24'-11 3/4"
E-3	E1045_12	24'-11 1/2"
E-5	E1045_12	24'-11 3/4"
G-11	Z825_12	28'-1 1/2"
G-12	Z825_16	31'-3"
G-13	Z825_12	28'-1 1/2"
CB-4	0.38_CBL	26'-5 3/4"

CONNECTION PLATES FRAME LINE D	
□ ID	MARK / PART
1	PBC3N
2	GC35



SIDEWALL FRAMING: FRAME LINE D



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

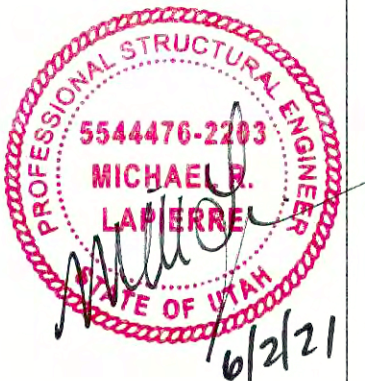


SIDEWALL FRAMING

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BROUS INDUSTRIAL BLDG.#2

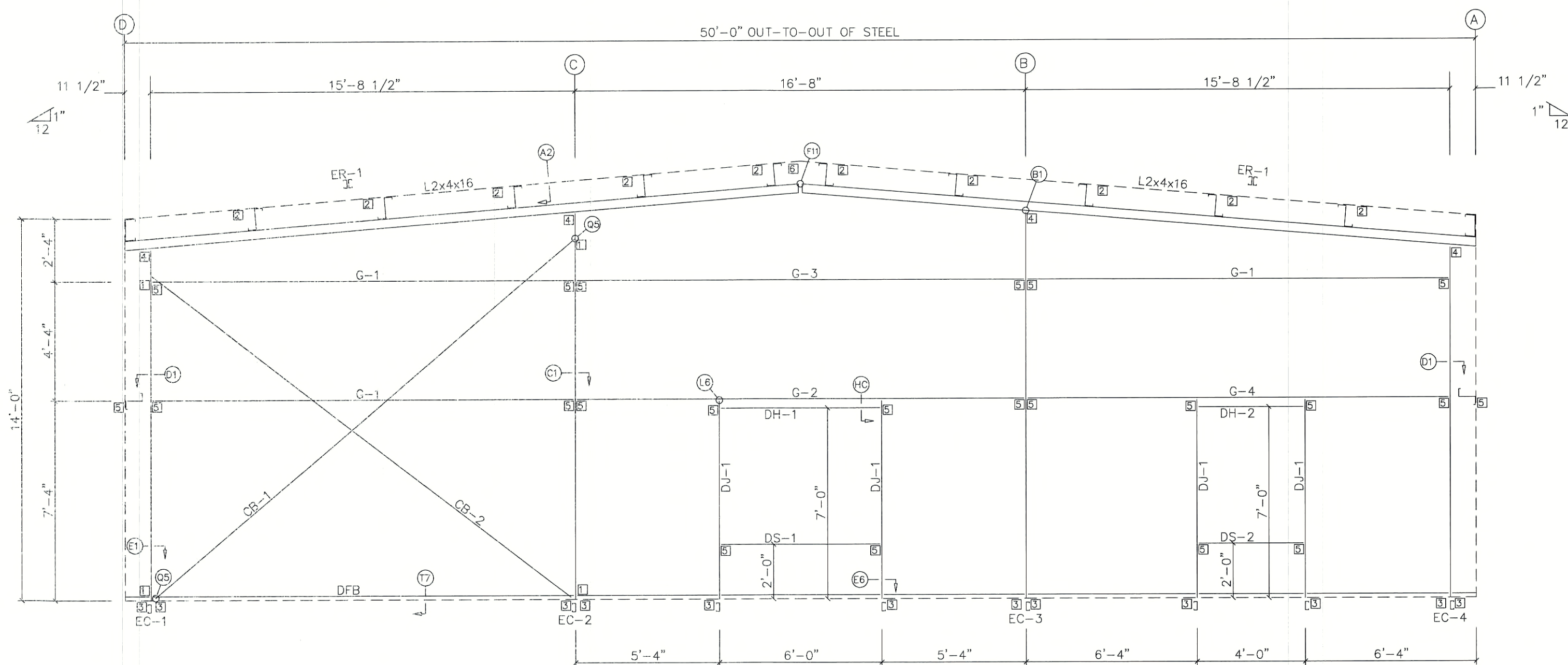
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JOB # 21044880

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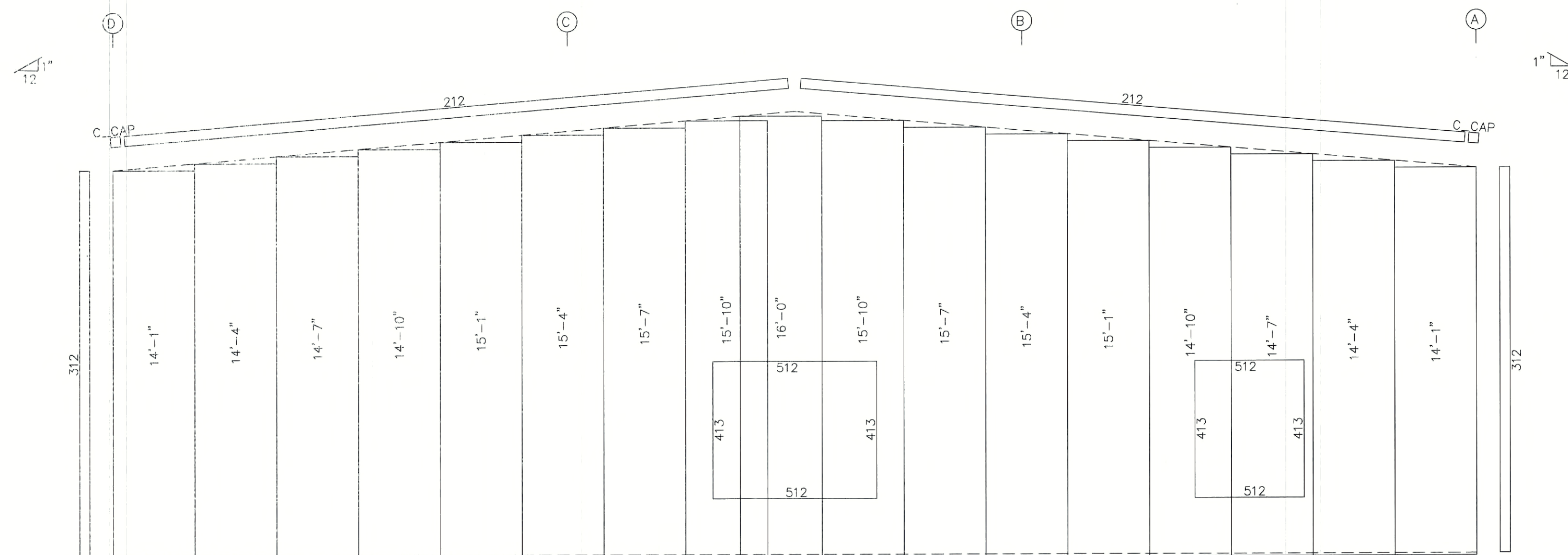


ENDWALL FRAMING: FRAME LINE 1

BOLT TABLE FRAME LINE 1				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-1	8	A325	1/2"	1 1/2"
Columns/Raf	8	A325	1/2"	1 1/4"

MEMBER TABLE FRAME LINE 1		
MARK	PART	LENGTH
EC-1	c825_16	12'-6 5/8"
EC-2	c825_12	13'-10 3/8"
EC-3	c825_12	13'-10 3/8"
EC-4	c825_16	12'-6 5/8"
ER-1	C825D12	24'-9 9/16"
DJ-1	c825_16	7'-0"
DH-1	CH830_16	6'-0"
DH-2	CH830_16	4'-0"
DS-1	c825_16	6'-0"
DS-2	c825_16	4'-0"
G-1	z825_16	15'-4 1/2"
G-2	z825_16	16'-7 1/2"
G-3	z825_16	16'-7 1/2"
G-4	z825_16	15'-4 1/2"
CB-1	0.25_CBL	18'-9 1/4"
CB-2	0.25_CBL	17'-11 1/4"

CONNECTION PLATES FRAME LINE 1	
ID	MARK/PART
1	BCC3/5
2	GCBP
3	PBC3N
4	PTC-ER1
5	GC35
6	RPS1-31



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



ENDWALL FRAMING

NOVA BUILT, LLC
2354 WEST 850 NORTH
CEDAR CITY, UT 84721
BROUS INDUSTRIAL BLDG.#2

REVISIONS

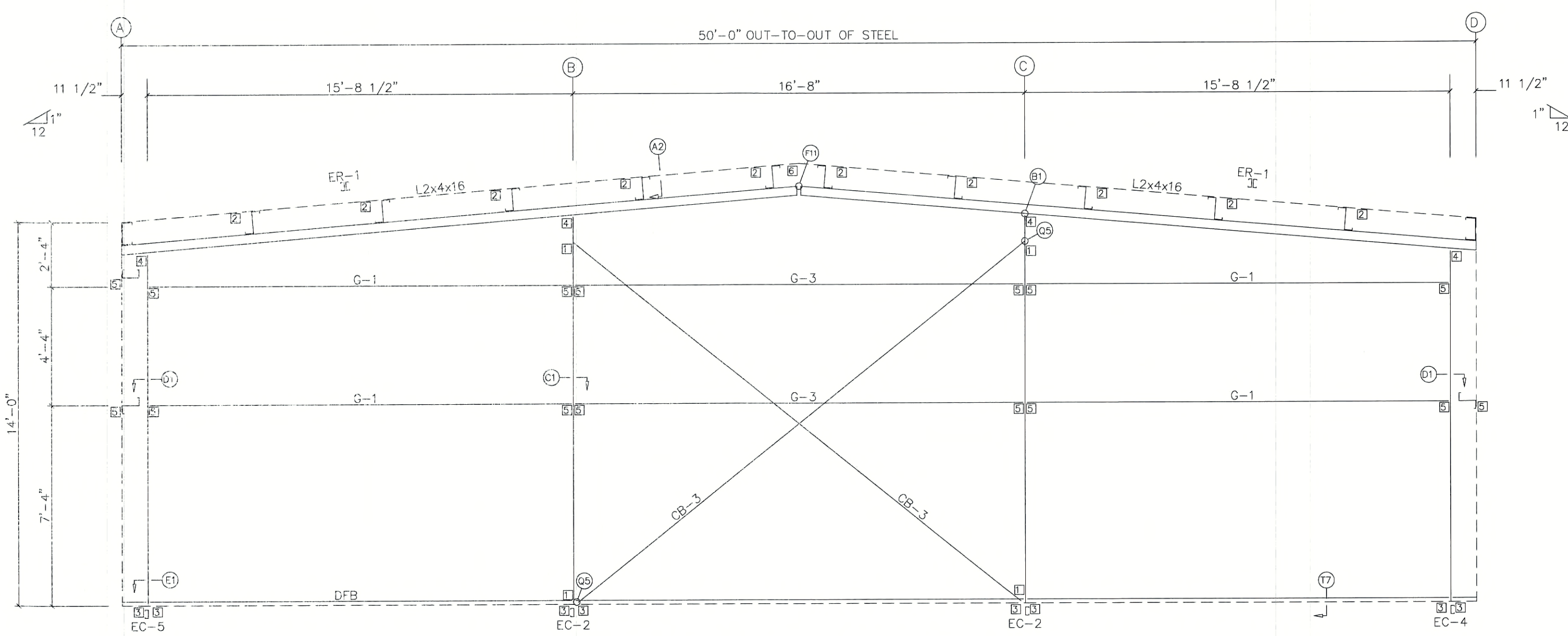
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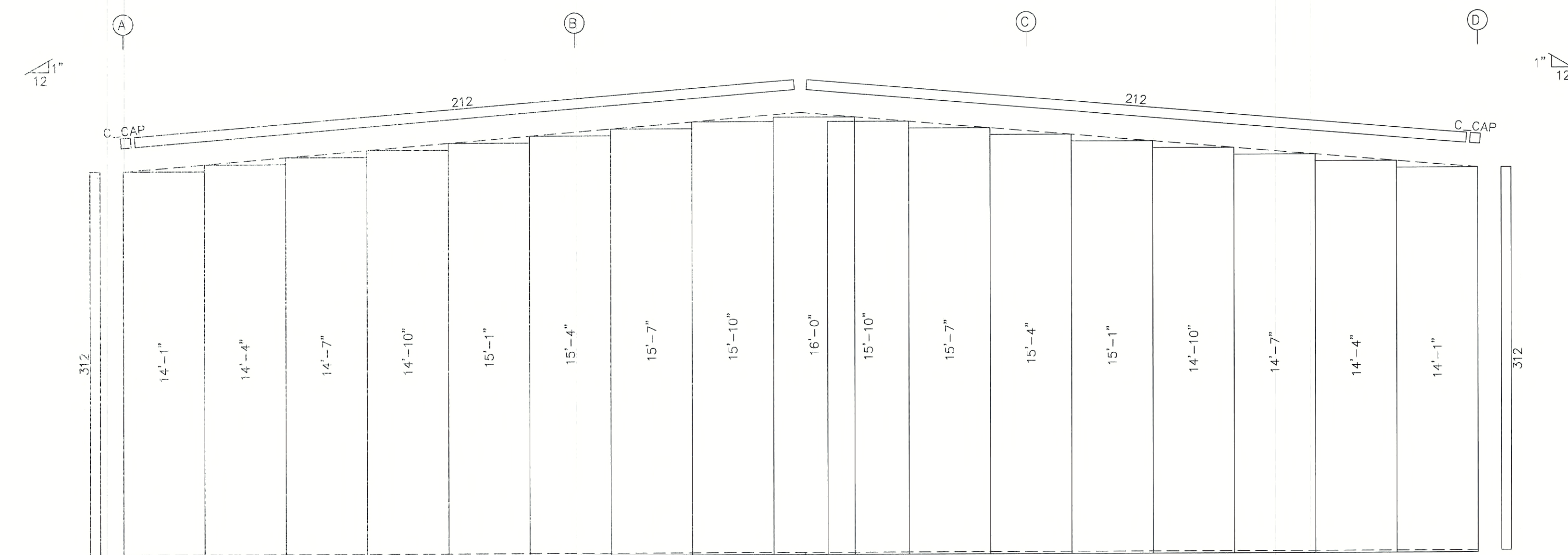
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DATE: 5/25/21

JOB # 21044880

SHEET 7 OF 11 REV 0



ENDWALL FRAMING: FRAME LINE 5



ENDWALL SHEETING & TRIM: FRAME LINE 5
PANELS: 26 Ga. PBR - Ash Grey

BOLT TABLE				
FRAME LINE 5				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-1	8	A325	1/2"	1 1/2"
Columns/Raf	8	A325	1/2"	1 1/4"

MEMBER TABLE		
FRAME LINE 5		
MARK	PART	LENGTH
EC-2	c825_12	13'-10 3/8"
EC-4	c825_16	12'-6 5/8"
EC-5	c825_16	12'-6 5/8"
ER-1	C825D12	24'-9 9/16"
G-1	z825_16	15'-4 1/2"
G-3	z825_16	16'-7 1/2"
CB-3	0.25_CBL	19'-6"

CONNECTION PLATES	
FRAME LINE 5	
ID	MARK/PART
1	BCC3/5
2	GCBP
3	PBC3N
4	PTC-ER1
5	GC35
6	RPS1-31

COI
BUILDING SYSTEMS INC.

MEMBER

ACCREDITED
Metal Building Systems
AC 072

ENDWALL FRAMING

NOVA BUILT, LLC
2354 WEST 850 NORTH
CEDAR CITY, UT 84721

BROUS INDUSTRIAL BLDG. #2

REVISIONS

REV	DATE	DESCRIPTION
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PROFESSIONAL STRUCTURAL ENGINEER
5544476-2203
MICHAEL R. LAPIERRE
STATE OF UTAH
6/2/21

DESIGN: ML
DRAFT: BS
CHECK: SK
DATE: 5/25/21

JOB # 21044880

SHEET 8 OF 11 REV 0