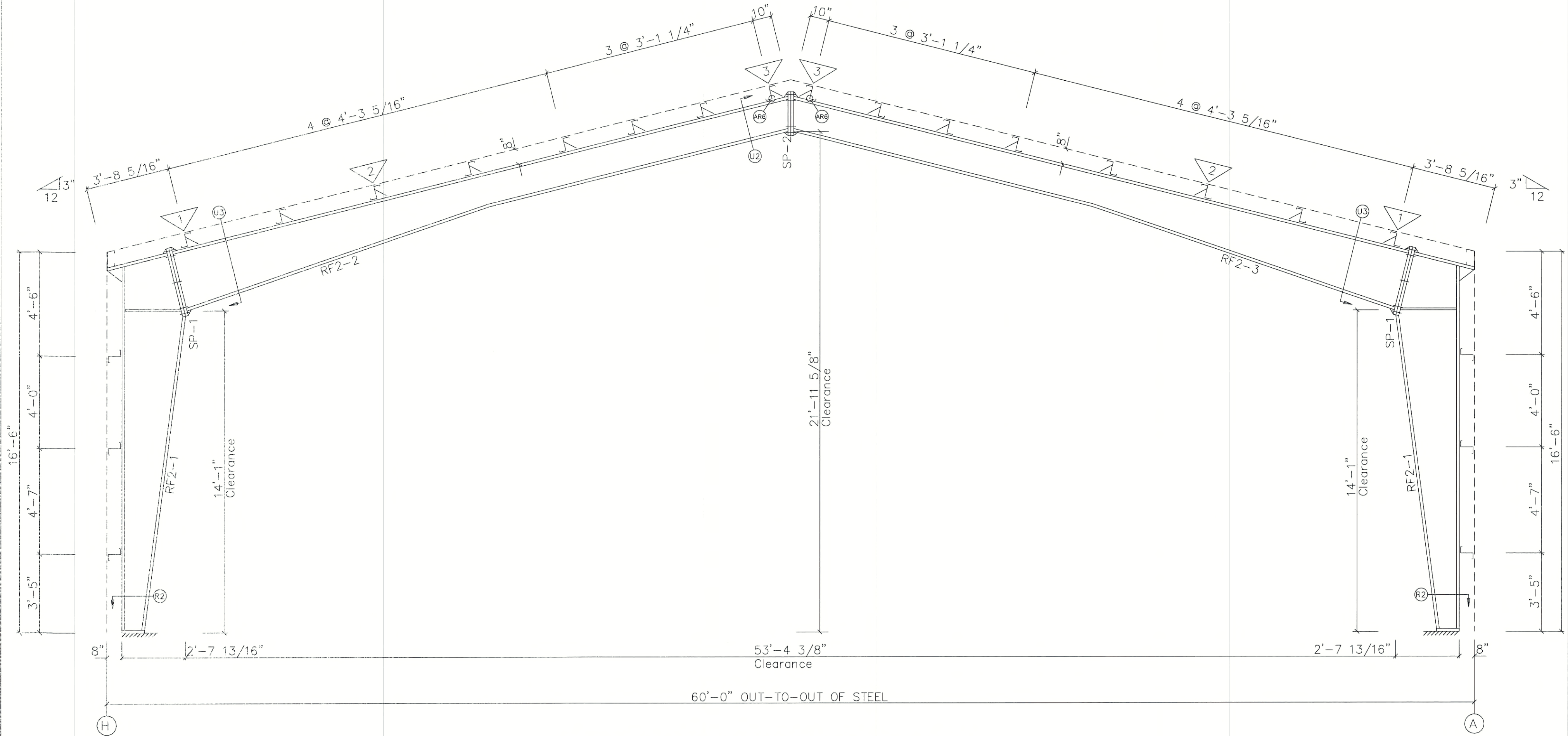


SPICE PLATE & BOLT TABLE										
Mark	Qty	Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	4	2	A325	1.000	2.63	6"	1/2"	3'-0 7/8"
SP-2	4	4	4	0	A325	0.750	2.13	6"	3/8"	1'-10 3/4"

FLANGE BRACE TABLE				
FRAME LINE 5				
VID	#	SIDES	MARK	PART
1	1		FB9	3'-10 1/4" L2x2x12G
2	1		FB6	2'-7 5/8" L2x2x14G
3	1		FB3	2'-4 3/4" L2x2x16G

STIFFENER TABLE				
Mark	Stiff Mark	Width	Plate Size	Length
RF2-1	St-1	2.500	0.188	29.97

MEMBER TABLE					
Mark	Web Depth	Web Thick	Plate Length	Outside Flange	Inside Flange
RF2-1	8.8/16.8	0.188	60.0	6 x 5/16" x 191.1	6 x 3/8" x 48.5
	16.8/31.0	0.250	136.9	6 x 5/16" x 32.2	6 x 1/2" x 117.8
	29.0/15.0	0.188	169.9	6 x 1/4" x 157.9	6 x 3/8" x 62.0
RF2-2	15.0/15.0	0.188	167.5	6 x 5/16" x 179.5	6 x 5/16" x 108.4
					6 x 1/4" x 163.7
RF2-3	15.0/15.0	0.188	167.5	6 x 5/16" x 179.5	6 x 1/4" x 163.7
	15.0/29.0	0.188	169.9	6 x 1/4" x 157.9	6 x 5/16" x 108.4
					6 x 3/8" x 62.0



BUILDING CROSS SECTION: FRAME LINE 5

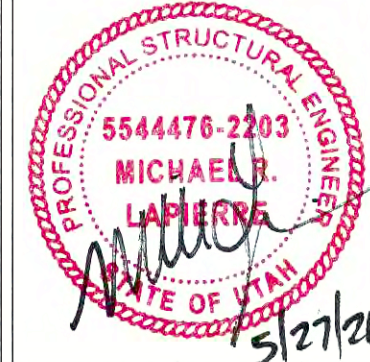


RIGID FRAME ELEVATION

WAYNE COUNTY
200 NORTH 100 EAST
TORREY, UT 84775
TORREY FIRE STATION

REVISIONS

REV	DATE	DESCRIPTION
1		
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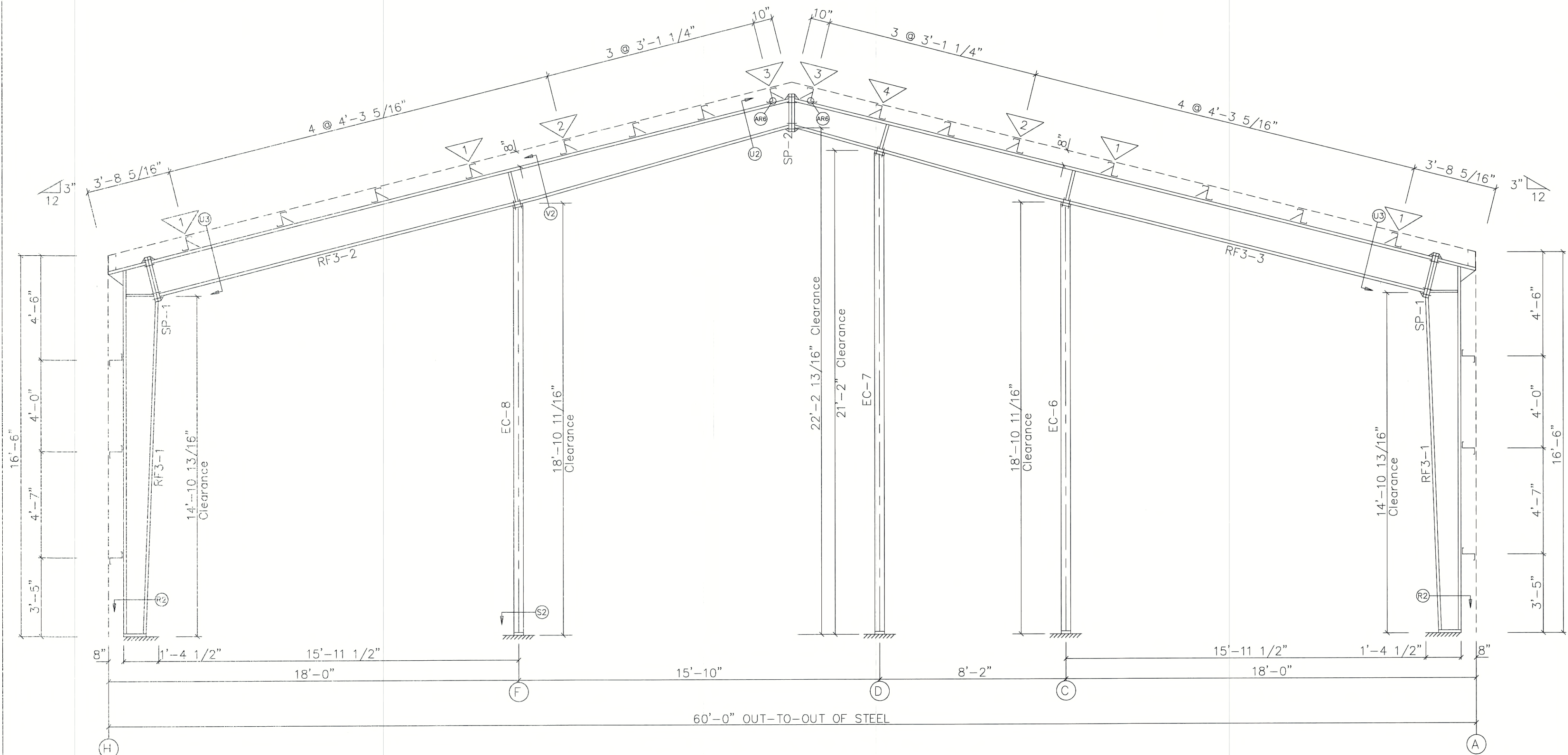
DESIGN: ML
DRAFT: NS
CHECK: EL
DATE: 5/17/21
JOB # 21034800
SHEET 4 OF 15 REV 0

SPlice PLATE & BOLT TABLE											CAP PLATE BOLTS				
Mark	Qty Top	Bot	Int	Type	Dia	Length	Width	Thick	Length	Mark	Qty	Type	Dia	Length	
SP-1	4	4	0	A325	0.750	2.13	6"	3/8"	1'-11 1/4"	EC-8	4	A325	0.750	2.13	
SP-2	4	4	0	A325	0.750	2.13	6"	3/8"	1'-7 5/8"	EC-7	4	A325	0.750	2.13	
										EC-6	4	A325	0.750	2.13	

FLANGE BRACE TABLE					
FRAME LINE 7					
VID	#	SIDES	MARK	LENGTH	PART
1	1		FB5	2'-5 1/4"	L2x2x16G
2	1		FB4	2'-4 7/8"	L2x2x16G
3	1		FB2	2'-3 1/4"	L2x2x16G
4	1		FB1	2'-3 3/4"	L2x2x16G

STIFFENER TABLE					
Mark	Stiff	Mark	Width	Thick	Plate Size Length
RF3-1	St-1	1	2.500	0.188	15.03
RF3-2	St-1	1	2.500	0.188	15.88
RF3-3	St-2	2	2.500	0.188	13.25
RF3-3	St-1	1	2.500	0.188	15.88

MEMBER TABLE					Outside Flange		Inside Flange		
Mark	Web Depth	Start/End	Thick	Length	W x Thk x Length	W x Thk x Length	W x Thk x Length	W x Thk x Length	
RF3-1	8.8/16.0		0.188	194.0	6 x 1/4" x 191.1	6 x 1/4" x 20.0	6 x 1/4" x 175.1		
RF3-2	16.0/16.0		0.188	208.1	6 x 1/4" x 349.9		6 x 1/4" x 208.1		
RF3-3	16.0/12.0		0.188	141.7			6 x 1/4" x 138.7		
EC-8	12.0/16.0		0.188	142.1	6 x 1/4" x 349.9		6 x 1/4" x 346.9		
EC-7	16.0/16.0		0.188	208.1					
EC-6	08B12								
	08B12								



BUILDING CROSS SECTION: FRAME LINE 7

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METAL BUILDING MANUFACTURERS ASSOCIATION
MEMBER

IAS
ACCREDITED
Metal Building Systems
AG 472

RIGID FRAME ELEVATION

WAYNE COUNTY
200 NORTH 100 EAST
TORREY, UT 84775

TORREY FIRE STATION

REV	DATE	DESCRIPTION
1	5/17/21	Initial Design
2	5/17/21	Revised Design
3	5/17/21	Final Design
4	5/17/21	Construction Documents
5	5/17/21	As-Built

PROFESSIONAL STRUCTURAL ENGINEER
5544476-2203
MICHAEL R. LAPIERRE
STATE OF UTAH
5/27/21

DESIGN: ML
DRAFT: NS
CHECK: EL
DATE: 5/17/21

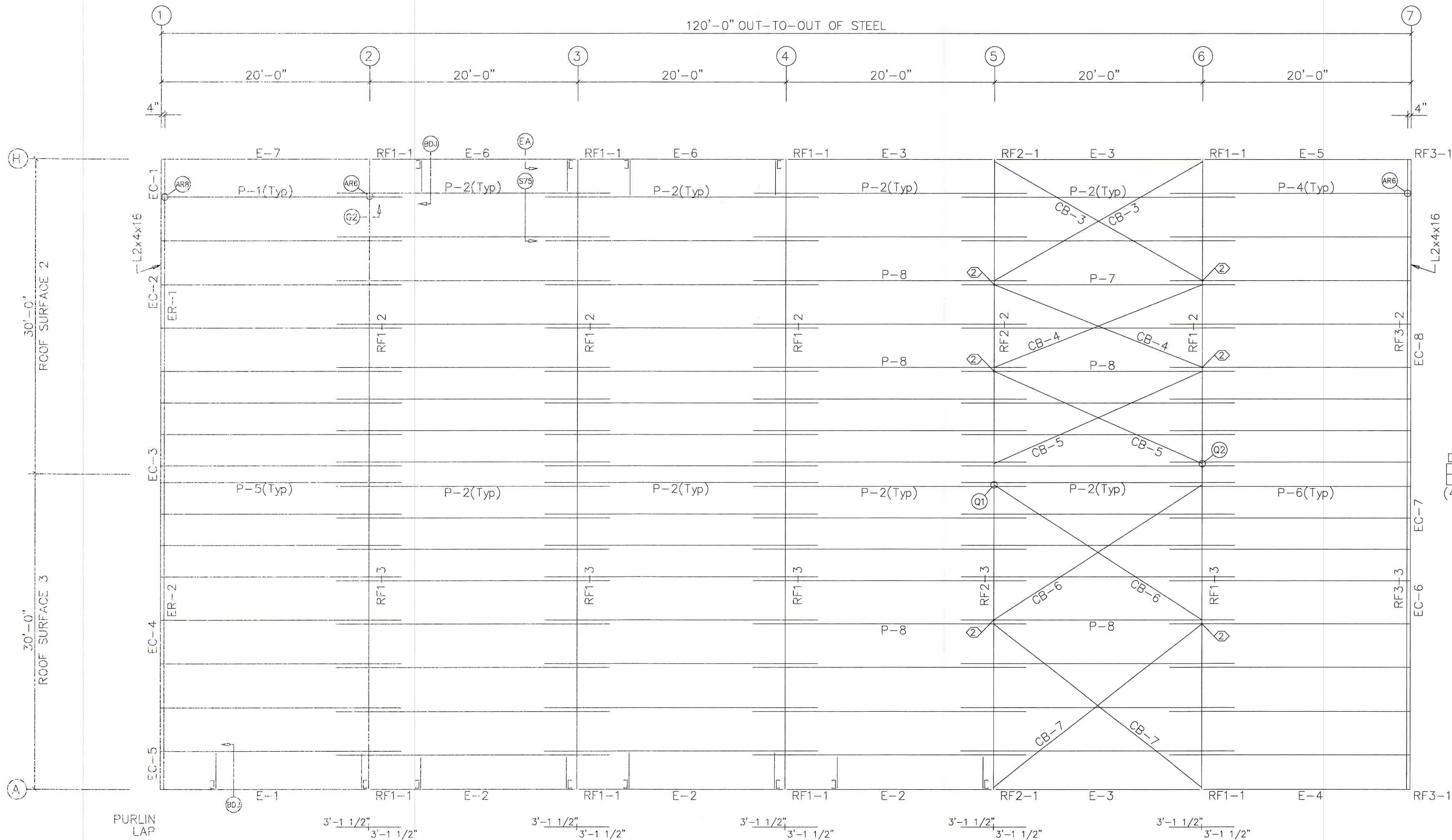
JOB # 21034800

SHEET	OF	REV
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- 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
8	P-1	Z825_12	23'-1 1/2"
58	P-2	Z825_16	26'-3"
8	P-4	Z825_12	23'-1 1/2"
8	P-5	Z825_12	23'-1 1/2"
8	P-6	Z825_12	23'-1 1/2"
1	P-7	Z825_12	26'-3"
5	P-8	Z825_14	26'-3"
1	E-1	E845_14	19'-11 3/4"
3	E-2	E845_14	19'-11 1/2"
3	E-3	E845_14	19'-11 1/2"
1	E-4	E845_14	19'-11 3/4"
1	E-5	E845_14	19'-11 3/4"
2	E-6	E845_14	19'-11 1/2"
1	E-7	E845_14	19'-11 3/4"
2	CB-3	0.44_CBL	20'-11"
2	CB-4	0.31_CBL	20'-1 1/2"
2	CB-5	0.25_CBL	20'-6 1/2"
2	CB-6	0.25_CBL	22'-5 3/4"
2	CB-7	0.44_CBL	23'-2 3/4"

SPECIAL BOLTS					
ROOF PLAN					
○ ID	QUAN	TYPE	DIA	LENGTH	WASH
2	3	A325	1/2"	1 1/4"	2



ROOF FRAMING PLAN

ROOF SHEETING
PANELS:
26 Ga. PBr
Brown

INSULATION RAIL
26 Go
White



ROOF FRAMING
WAYNE COUNTY
200 NORTH 100 EAST
TORREY, UT 84775
TORREY FIRE STATION

REVISIONS

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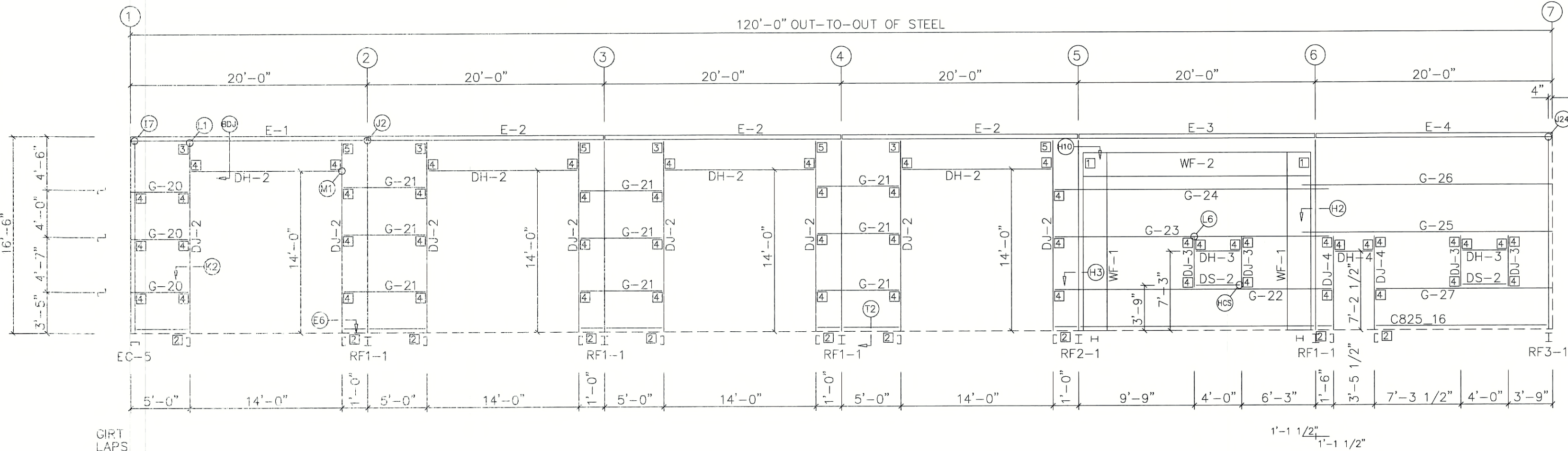
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CHECK: EL
DATE: 5/17/21
JOB # 21034800
SHEET 6 OF 15 REV 0

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.

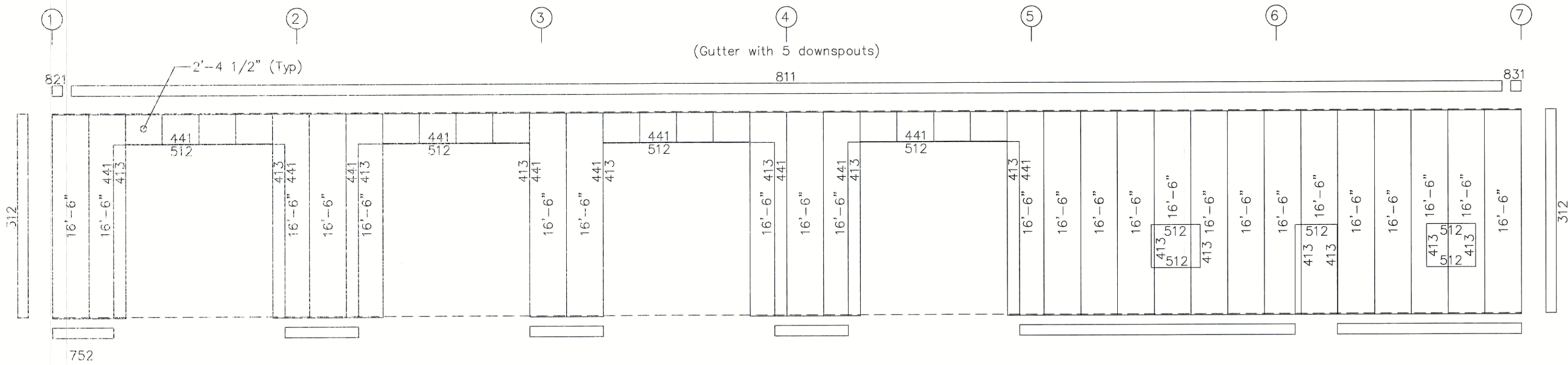
BOLT TABLE: FRAME LINE A					PLATE SIZE		
LOCATION		QUAN	TYPE	DIA	LENGTH	WIDTH	THICK
WF-1 - WF-2		8	A325	1"	2 5/8"	8"	5/8"
WF-1 - RF2-1		4	A325	5/8"	1 1/2"	2'-7 1/4"	
WF-1 - RF1-1		4	A325	5/8"	1 1/2"		

MEMBER TABLE FRAME LINE A		
MARK	PART	LENGTH
WF-1	24B32	15'-4"
WF-2	24B32	15'-0 7/8"
DJ-2	c825_16	15'-9 3/4"
DJ-3	c825_16	4'-0"
DJ-4	c825_16	7'-8"
DH-2	c825_16	14'-0"
DH-3	c825_16	4'-0"
DH-4	c825_16	3'-5 1/2"
DS-2	CH830_16	4'-0"
E-1	E845_14	19'-11 3/4"
E-2	E845_14	19'-11 1/2"
E-3	E845_14	19'-11 1/2"
E-4	E845_14	19'-11 3/4"
G-20	Z825_16	4'-8 1/4"
G-21	Z825_16	5'-4 1/2"
G-22	Z825_16	21'-10 1/2"
G-23	Z825_16	21'-9 3/4"
G-24	Z825_16	21'-9 3/4"
G-25	Z825_16	21'-1 1/2"
G-26	Z825_16	21'-1 1/2"
G-27	Z825_16	14'-8 3/4"

CONNECTION PLATES FRAME LINE A	
ID	MARK/PART
1	PFC5
2	PBC3N
3	EJ2L
4	GC35
5	EJ2R



SIDEWALL FRAMING: FRAME LINE A



SIDEWALL SHEETING & TRIM: FRAME LINE A
PANELS: 26 Ga. PBR - Carlsbad Canyon



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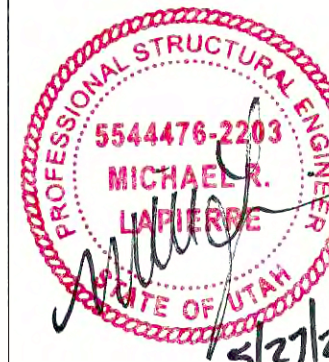
SIDEWALL FRAMING

WAYNE COUNTY
200 NORTH 100 EAST
TORREY, UT 84775

TORREY FIRE STATION

REVISIONS

REV	DATE	DESCRIPTION
1	5/17/21	Initial Design
2	5/17/21	Revised Design
3	5/17/21	Final Design
4	5/17/21	Final Design
5	5/17/21	Final Design



DESIGN: ML
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DATE: 5/17/21

JOB # 21034800

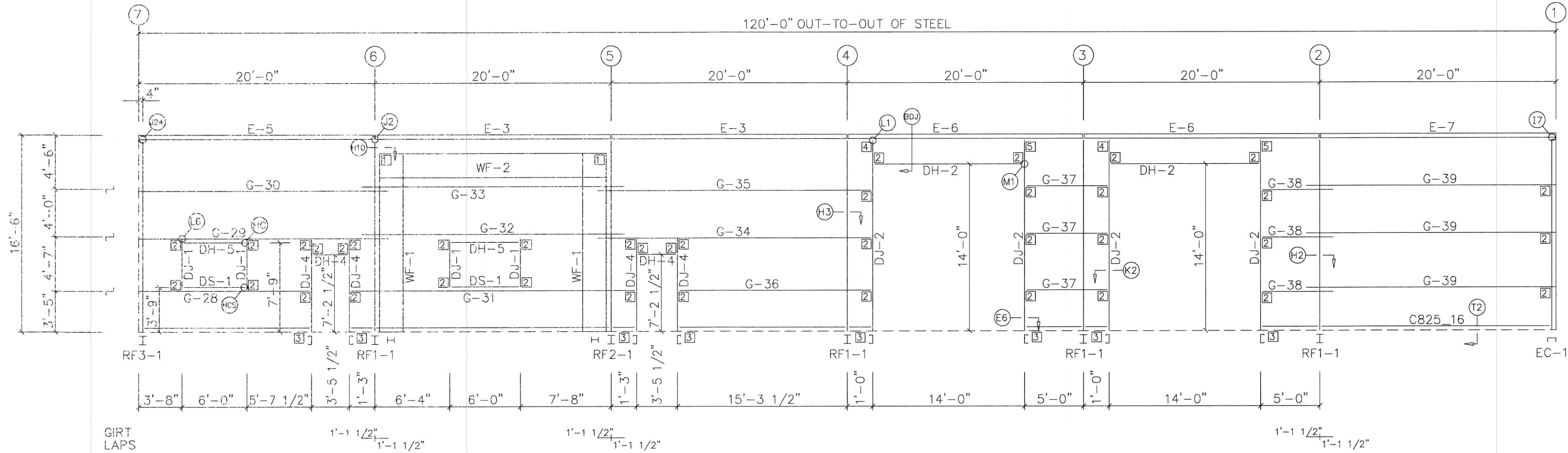
SHEET 7 OF 15 REV 0

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.

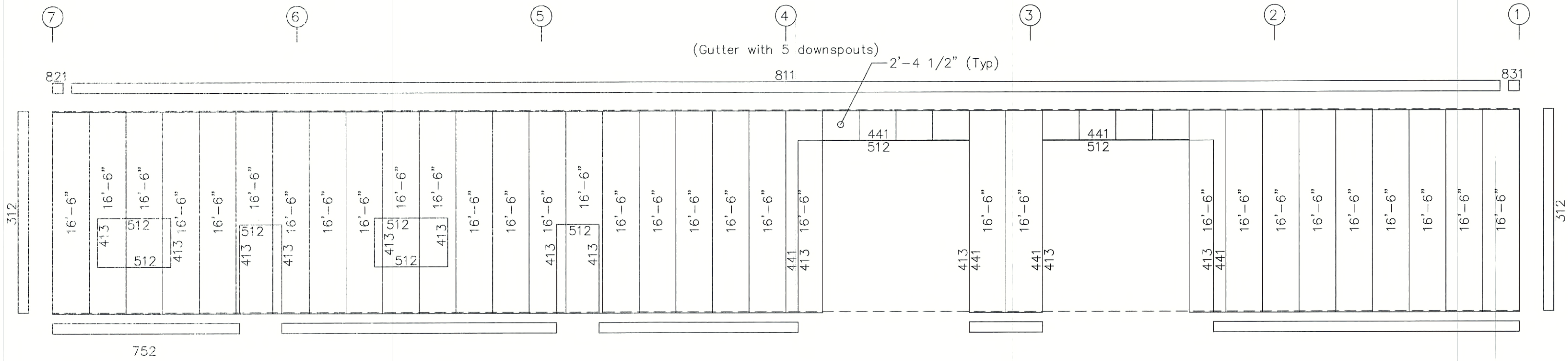
BOLT TABLE: FRAME LINE H						PLATE SIZE		
LOCATION		QUAN	TYPE	DIA	LENGTH	WIDTH	THICK	LENGTH
WF-1 - WF-2		8	A325	1"	2 5/8"	8"	5/8"	2'-7 1/4"
WF-1 - RF1-1		4	A325	5/8"	1 1/2"			
WF-1 - RF2-1		4	A325	5/8"	1 1/2"			

MEMBER TABLE FRAME LINE H		
MARK	PART	LENGTH
WF-1	24B32	15'-4"
WF-2	24B32	15'-0 7/8"
DJ-1	c825_16	4'-1"
DJ-2	c825_16	15'-9 3/4"
DJ-4	c825_16	7'-8"
DH-2	c825_16	14'-0"
DH-4	c825_16	3'-5 1/2"
DH-5	CH830_16	6'-0"
DS-1	CH830_16	6'-0"
E-3	E845_14	19'-11 1/2"
E-5	E845_14	19'-11 3/4"
E-6	E845_14	19'-11 1/2"
E-7	E845_14	19'-11 3/4"
G-28	Z825_16	14'-11 3/4"
G-29	Z825_16	21'-1 1/2"
G-30	Z825_16	21'-1 1/2"
G-31	Z825_16	21'-10 1/2"
G-32	Z825_16	22'-3"
G-33	Z825_16	22'-3"
G-34	Z825_16	21'-9 3/4"
G-35	Z825_16	21'-9 3/4"
G-36	Z825_16	15'-8"
G-37	Z825_16	5'-4 1/2"
G-38	Z825_16	5'-9 3/4"
G-39	Z825_16	21'-1 1/2"

CONNECTION PLATES FRAME LINE H	
ID	MARK/PART
1	PFC5
2	GC35
3	PBC3N
4	EJ2L
5	EJ2R



SIDEWALL FRAMING: FRAME LINE H



SIDEWALL SHEETING & TRIM: FRAME LINE H
PANELS: 26 Ga. PBR - Carlsbad Canyon



SIDEWALL FRAMING

WAYNE COUNTY
200 NORTH 100 EAST
TORREY, UT 84775

TORREY FIRE STATION

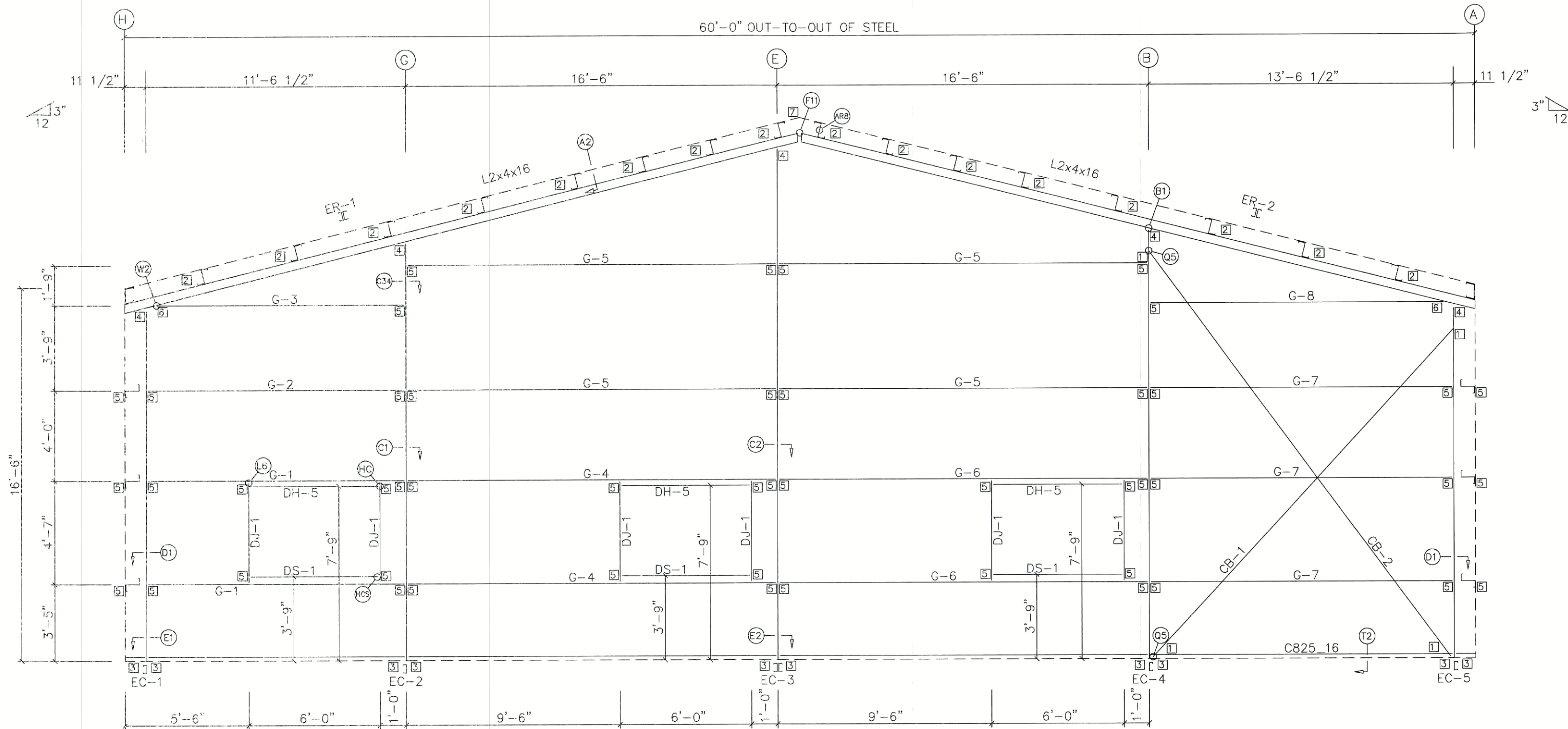
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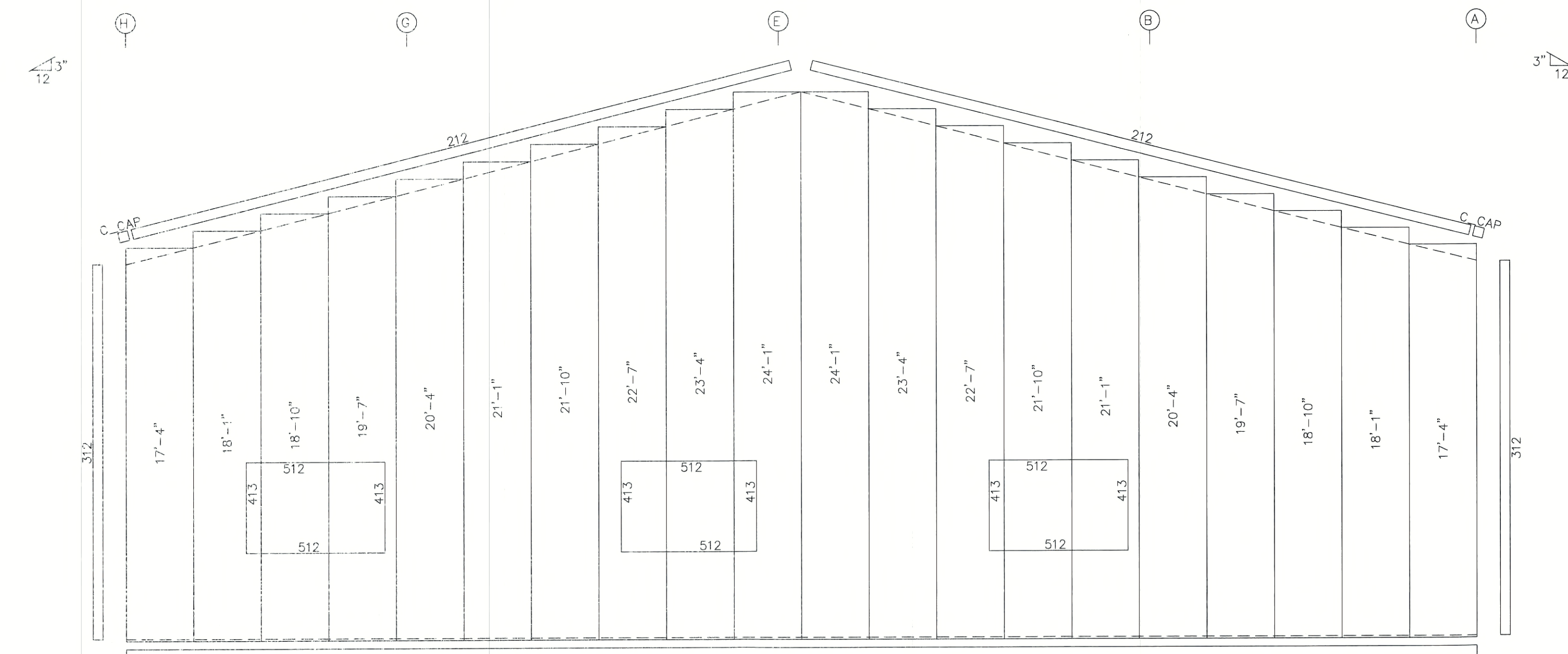


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DATE: 5/17/21

JOB # 21034800
SHEET 8 OF 15 REV 0



ENDWALL FRAMING: FRAME LINE 1



ENDWALL SHEETING & TRIM: FRAME LINE 1
PANELS: 26 Ga. PBR - Carlsbad Canyon

BOLT TABLE FRAME LINE 1			
LOCATION	QUAN	TYPE	DIA
ER-1/ER-2	12	A325	1/2"
Columns/Raf	8	A325	1/2"

MEMBER TABLE FRAME LINE 1		
MARK	PART	LENGTH
EC-1	c825_16	15'-3 1/8"
EC-2	c825_12	18'-1 3/4"
EC-3	c825D12	22'-3 1/4"
EC-4	c835_12	18'-7 3/4"
EC-5	c825_16	15'-3 1/8"
ER-1	C925D12	30'-7 9/16"
ER-2	C925D12	30'-7 9/16"
DJ-1	c825_16	4'-1"
DH-5	CH830_16	6'-0"
DS-1	CH830_16	6'-0"
G-1	z825_16	11'-2 1/2"
G-2	z825_16	11'-2 1/2"
G-3	z825_16	9'-1 3/16"
G-4	z825_16	16'-2"
G-5	z825_16	16'-2"
G-6	z825_16	16'-2"
G-7	z825_16	13'-2 1/2"
G-8	z825_16	11'-1 3/16"
CB-1	0.31_CBL	18'-2 1/4"
CB-2	0.31_CBL	20'-10"

CONNECTION PLATES FRAME LINE 1	
ID	MARK/PART
1	BCC3/5
2	GCBP
3	PBC3N
4	PTC-ER3
5	GC35
6	GCER3:12
7	RPL3-38



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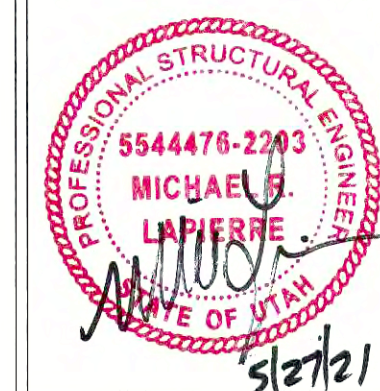
ENDWALL FRAMING

WAYNE COUNTY
200 NORTH 100 EAST
TORREY, UT 84775

TORREY FIRE STATION

REVISIONS

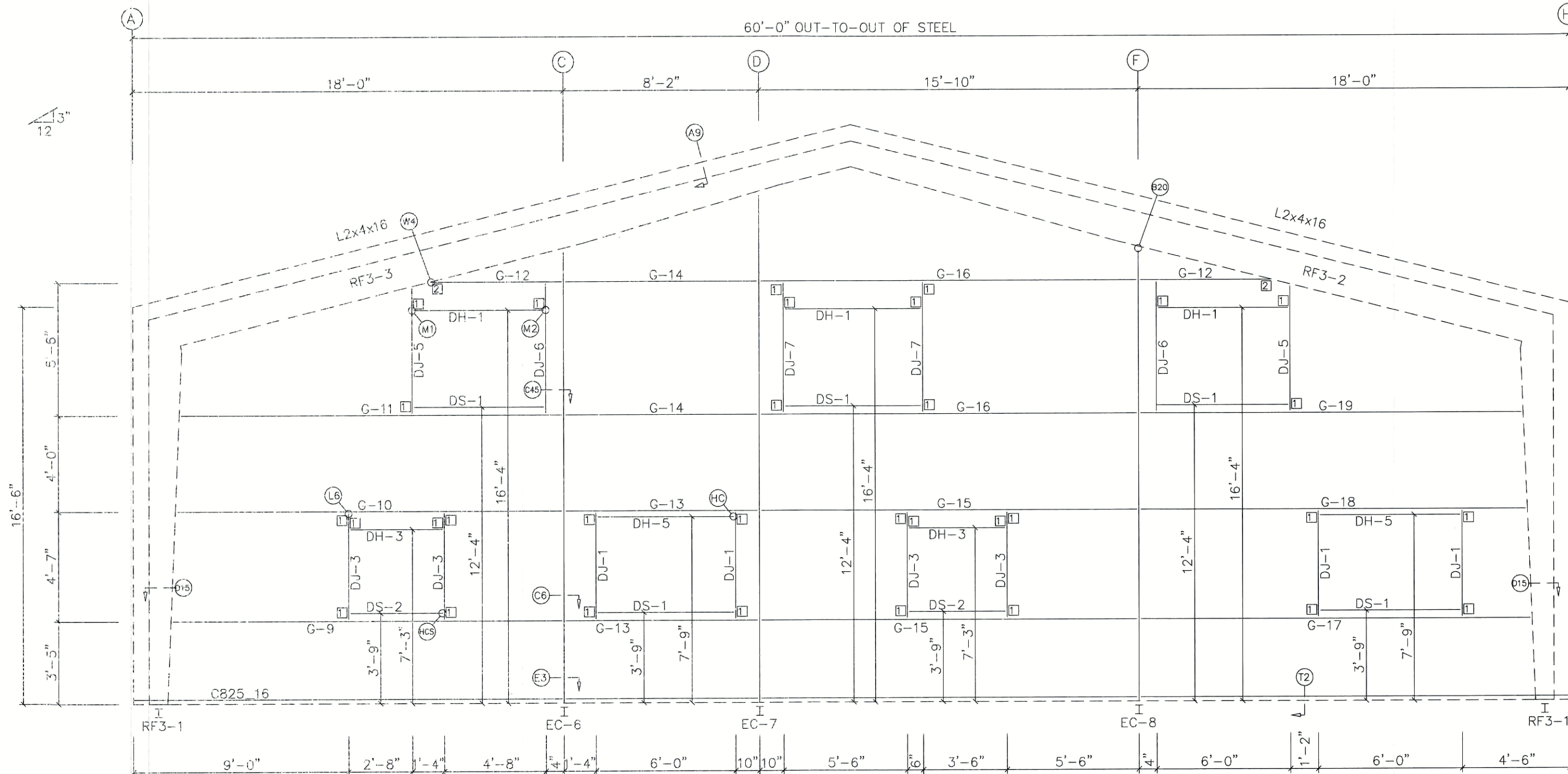
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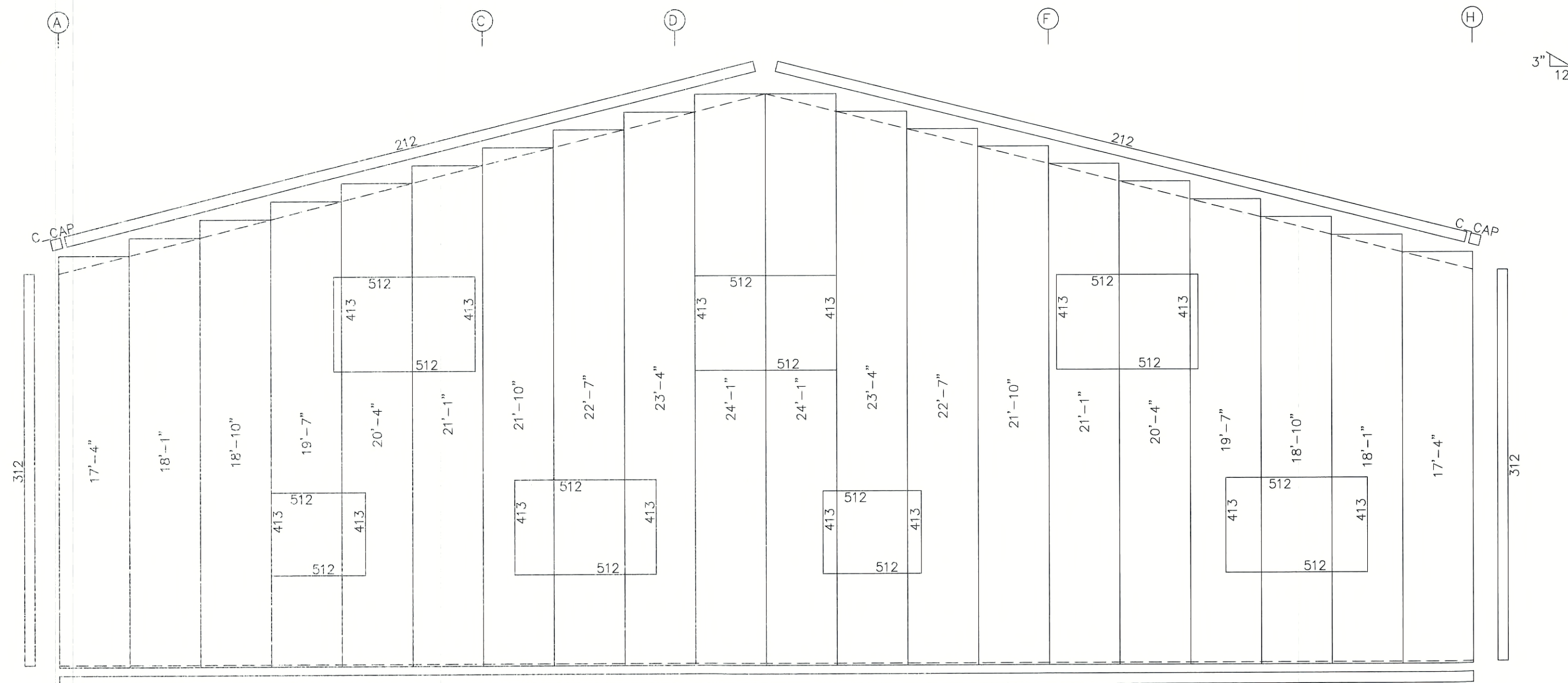
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CHECK: EL
DATE: 5/17/21

JOB # 21034800

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ENDWALL FRAMING: FRAME LINE 7



ENDWALL SHEETING & TRIM: FRAME LINE 7
PANELS: 26 Ga. PBR - Carlsbad Canyon

BOLT TABLE				
FRAME LINE 7				
LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	4	A325	3/4"	2 1/8"
Jamb/Raf	2	A307	1/2"	1 1/2"

MEMBER TABLE		
FRAME LINE 7		
MARK	PART	LENGTH
EC-6	08B12	18'-11 3/8"
EC-7	08B12	21'-2 11/16"
EC-8	08B12	18'-11 3/8"
DJ-1	c825_16	4'-1"
DJ-3	c825_16	4'-0"
DJ-5	c825_16	5'-0"
DJ-6	CH830_16	4'-11"
DJ-7	c825_16	4'-11"
DH-1	c825_16	6'-0"
DH-3	c825_16	4'-0"
DH-5	CH830_16	6'-0"
DS-1	CH830_16	6'-0"
DS-2	CH830_16	4'-0"
G-9	z825_16	16'-1 1/16"
G-10	z825_16	15'-10 3/4"
G-11	z825_16	15'-8 13/16"
G-12	z825_16	5'-0 1/8"
G-13	z825_16	7'-6 1/2"
G-14	z825_16	7'-6 1/2"
G-15	z825_16	15'-2 1/2"
G-16	z825_16	15'-2 1/2"
G-17	z825_16	16'-1 1/16"
G-18	z825_16	15'-10 3/4"
G-19	z825_16	15'-8 13/16"

CONNECTION PLATES	
FRAME LINE 7	
MARK	PART
1	GC35
2	GCER3:12



ENDWALL FRAMING

WAYNE COUNTY
200 NORTH 100 EAST
TORREY, UT 84775
TORREY FIRE STATION

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JOB # 21034800
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