



PELLA

BUILDING SYSTEMS

906 West 9th Street Pella, IA 50219  
(800) 225-0481 www.pellabuildings.com

BUILDING LOADS / DESCRIPTION:

WIDTH: 60 LENGTH: 83.5 HEIGHT: 15.88 /15.88  
(BUILDING DIMENSIONS ARE NOMINAL. REFER TO PLANS).

THIS STRUCTURE IS DESIGNED UTILIZING THE LOADS INDICATED  
AND APPLIED AS REQUIRED BY : IBC 18

THE CONTRACTOR IS TO CONFIRM THAT THESE LOADS COMPLY  
WITH THE REQUIREMENTS OF THE LOCAL BUILDING DEPARTMENT.

ROOF DEAD LOAD: 2.000 PSF (ROOF PANELS & PURLINS)

COLLATERAL LOAD: 0.5 PSF SNOW EXPOSURE: 1.0000

ROOF LIVE LOAD: 20.00 PSF WIND EXPOSURE: C

ROOF SNOW LOAD: 13.44 PSF INTERNAL PRESSURE COEFF.:

GROUND SNOW LOAD: 20 PSF 0.18 / -0.18

BASIC WIND SPEED: 103 MPH SPECTRAL RESPONSE COEFF. MAPPED SPECTRAL RESPONSE ACC.

SEISMIC ZONE: B Sds 0.10 Ss 0.10

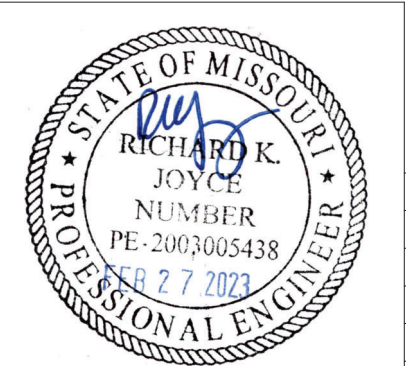
THERMAL FACTOR: 1.20 Sd1 0.11 St 0.07

IMPORTANCE FACTORS: DESIGN BASE SHEAR, V:

WIND LOAD	1.00	EXPANDED FORMULA	0.667*Ie*Fa*Ss*W/R
SNOW LOAD	0.8000	LONGITUDINAL	0.88
SEISMIC LOAD	1.00	TRANSVERSE	0.87

GENERAL NOTES:

- 1) MATERIALS : MINIMUM YIELD:
- |                        |             |          |
|------------------------|-------------|----------|
| HOT ROLLED BAR         | Fy =        | ksi MIN. |
| STRUCTURAL STEEL SHEET | Fy =        | ksi MIN. |
| STRUCTURAL STEEL PLATE | Fy =        | ksi MIN. |
| COLD FORMED SHAPES     | Fy =        | ksi MIN. |
| WALL SHEETING          | Fy =        | ksi MIN. |
| ROOF SHEETING          | Fy =        | ksi MIN. |
| BOLTS                  | A307 & A325 |          |
- THE METAL BUILDING MANUFACTURER RESERVES THE RIGHT TO  
SUBSTITUTE THE ABOVE MATERIALS WITH EQUAL OR BETTER MATERIAL.
- 2) BOLT TIGHTENING REQUIREMENTS:
- ALL HIGH STRENGTH BOLTS ARE A325 UNLESS NOTED OTHERWISE.  
HIGH STRENGTH BOLTS SHALL BE TIGHTENED BY THE TURN OF THE NUT METHOD  
IN ACCORDANCE WITH THE LATEST EDITION AISC "SPECIFICATION FOR  
STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS". A325 BOLTS SHALL BE  
INSTALLED WITH OUT WASHERS WHEN TIGHTENED BY THE "TURN OF THE NUT"  
METHOD. ALL BOLTED CONNECTIONS, FOR SHEAR/BEARING CONNECTION TYPE  
WITH BOLT THREADS EXCLUDED FROM THE SHEAR PLANE SHALL BE SNUG TIGHT  
ONLY.
- 3) ALL STRUCTUAL STEEL TO RECEIVE A RUST INHIBITIVE PRIMER. THIS PAINT  
IS NOT INTENDED FOR LONG TERM EXPOSURE TO THE ELEMENTS.



ROOF PANELS:

COLOR: Galvalume+ w/ Drip Stop

WALL PANELS:

COLOR: NEED SIG 200

TRIM COLORS:

CABLE: Black

CORNER: Black

EAVE: Black

FRAMED OPENINGS: Black

LINER PANELS:

COLOR: N/A

LINER TRIM:

COLOR: N/A

DEFLECTION LIMITS:

EW COL:	180
EW RAF LIVE:	180
EW RAF WIND:	180
WALL GIRT:	90
PURL LIVE:	180
PURL WIND:	150
WALL PANEL:	60
ROOF PANEL LIVE:	60
ROOF PANEL WIND:	60
RF HORIZONTAL:	180
RF VERTICAL:	60
WIND BENT:	60
RF CRANE:	0
RF SEIS:	0
WIND BENT SEIS:	0

BUILDER / CONTRACTOR RESPONSIBILITIES

IT IS THE RESPONSIBILITY OF THE BUILDER/CONTRACTOR TO INSURE THAT ALL PROJECT  
PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF ANY  
GOVERNING BUILDING AUTHORITIES. THE SUPPLYING OF SEALED ENGINEERING DATA AND  
DRAWINGS FOR THE METAL BUILDING SYSTEM DOES NOT IMPLY OR CONSTITUTE AN  
AGREEMENT THAT THE METAL BUILDING SYSTEM MANUFACTURER OR ITS DESIGN ENGINEER  
IS ACTING AS THE ENGINEER OF RECORD OR DESIGN PROFESSIONAL FOR A CONSTRUCTION  
PROJECT.

THE CONTRACTOR MUST SECURE ALL REQUIRED APPROVALS AND PERMITS FROM THE  
APPROPRIATE AGENCY AS REQUIRED. APPROVAL OF THE METAL BUILDING SYSTEM  
MANUFACTURER'S DRAWINGS AND CALCULATIONS INDICATE THAT THE METAL BUILDING  
SYSTEM MANUFACTURER CORRECTLY INTERPRETED AND APPLIED THE REQUIREMENTS OF THE  
CONTRACT DRAWINGS AND SPECIFICATIONS. (SECT. 4.2.1 AISC CODE OF STANDARD  
PRACTICES, 9TH ED.) WHERE DISCREPANCIES EXIST BETWEEN THE METAL BUILDING SYSTEM  
MANUFACTURER'S STRUCTURAL STEEL PLANS AND THE PLANS FOR OTHER TRADES, THE  
STRUCTURAL STEEL PLANS SHALL GOVERN. (SECT. 3.3 AISC CODE OF STANDARD PRACTICE  
9TH ED.)

DESIGN CONSIDERATIONS OF ANY MATERIALS IN THE STRUCTURE WHICH ARE NOT  
FURNISHED BY THE METAL BUILDING SYSTEM MANUFACTURER ARE THE RESPONSIBILITY OF  
THE CONTRACTORS AND ENGINEERS OTHER THAN THE METAL BUILDING SYSTEM  
MANUFACTURER'S ENGINEER UNLESS SPECIFICALLY INDICATED.

THE CONTRACTOR IS RESPONSIBLE FOR ALL ERECTION OF STEEL AND ASSOCIATED WORK  
IN COMPLIANCE WITH THE METAL BUILDING SYSTEM MANUFACTURER "FOR CONSTRUCTION"  
DRAWINGS.

ALL BRACING AS SHOWN AND PROVIDED BY THE METAL BUILDING SYSTEM  
MANUFACTURER FOR THIS BUILDING IS REQUIRED AND SHALL BE INSTALLED BY THE  
ERECTOR AS A PERMANENT PART OF THE STRUCTURE.

TEMPORARY SUPPORTS, SUCH AS TEMPORARY GUYS, BRACES, FALSE WORK, CRIBBING  
OR OTHER ELEMENTS REQUIRED FOR THE ERECTION OPERATION WILL BE DETERMINED AND  
FURNISHED AND INSTALLED BY THE ERECTOR. THESE TEMPORARY SUPPORTS WILL SECURE  
THE STEEL FRAMING, OR ANY PARTLY ASSEMBLED STEEL FRAMING, AGAINST LOADS  
COMPARABLE IN INTENSITY TO THOSE FOR WHICH THE STRUCTURE WAS DESIGNED,  
RESULTING FROM WIND, SEISMIC FORCES AND ERECTION OPERATIONS, BUT NOT THE LOADS  
RESULTING FROM THE PERFORMANCE OF WORK BY OR THE ACTS OF OTHERS, NOR SUCH  
UNPREDICTABLE LOADS AS THOSE DUE TO TORNADO, EXPLOSION, OR COLLISION. (SECT.  
7.9.1 AISC CODE OF STANDARD PRACTICE, 9TH ED.)

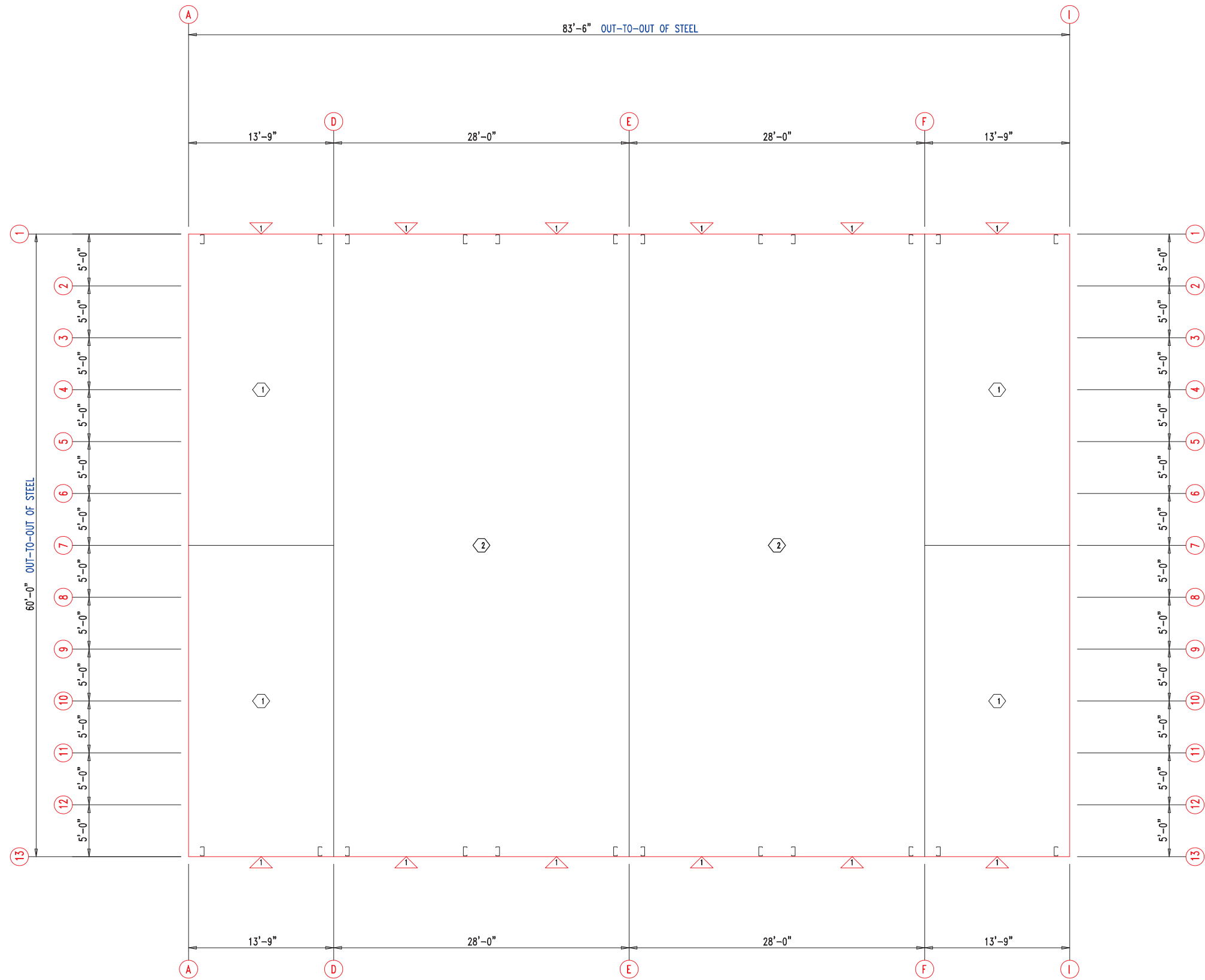
WARNING: IN NO CASE SHOULD GALVALUME STEEL PANELS BE USED IN CONJUNCTION  
WITH LEAD OR COPPER. BOTH LEAD AND COPPER HAVE HARMFUL CORROSION EFFECTS ON  
THE ALUMINUM ZINC ALLOY COATING WHEN THEY ARE USED IN CONTACT WITH GALVALUME  
STEEL PANELS. EVEN RUN-OFF FROM COPPER FLASHING, WIRING, OR TUBING ONTO  
GALVALUME SHOULD BE AVOIDED.

APPROVAL NOTES

THE FOLLOWING CONDITIONS APPLY IN THE EVENT THAT THESE DRAWINGS ARE USED AS  
APPROVAL DRAWINGS: IT IS IMPERATIVE THAT ANY CHANGES TO THESE DRAWINGS BE MADE  
IN CONTRASTING INK (PREFERABLY RED INK), HAVE ALL INSTANCES OF CHANGE CLEARLY  
INDICATED, AND BE LEGIBLE AND UNAMBIGUOUS. A SIGNATURE AND DATE IS REQUIRED ON  
ALL PAGES. MANUFACTURER RESERVES THE RIGHT TO RE-SUBMIT DRAWINGS WITH  
EXTENSIVE OR COMPLEX CHANGES REQUIRED TO AVOID MISFABRICATION. THIS MAY IMPACT  
THE DELIVERY SCHEDULE. APPROVAL OF THESE DRAWINGS INDICATES CONCLUSIVELY THAT  
THE METAL BUILDING SYSTEM MANUFAACTURER HAS CORRECTLY INTERPRETED THE  
CONTRACT REQUIREMENTS, AND FURTHER CONSTITUTES AGREEMENT THAT THE BUILDING AS  
DRAWN WITH INDICATED CHANGES REPRESENTS THE TOTAL OF THE MATERIALS TO BE  
SUPPLIED BY MANUFACTURER. ANY CHANGES NOTED ON THHE DRAWINGS NOT IN  
COMFORMANCE WITH THE TERMS AND REQUIREMENTS OF THE CONTRACT BETWEEN  
MANUFACTURER AND ITS CUSTOMER ARE NOT BINDING ON MANUFACTURER UNLESS  
SUBSEQUENTLY SPECIFICALLY ACKNOWLEDGED AND AGREED TO IN WRITING BY CHANGE  
ORDER OR SEPARATE DOCUMENTATION. MANUFACTURER RECONGNIZES THAT RUBBER  
STAMPS ARE ROUTINELY USED FOR INDICATING APPROVAL, DISAPPROVAL, REJECTION, OR  
MERE REVIEW OF THE DRAWINGS SUBMITTED. HOWEVER, MANUFACTURER DOES NOT ACCEPT  
CHANGES OR ADDITIONS TO CONTRACTURAL TERMS AND CONDITIONS THAT MAY APPEAR  
WITH USE OF A STAMP OR SIMILIAR INDICATIOIN OF APPROVAL, DISAPPROVAL, ETC. SUCH  
LANGUAGE APPLIED TO MANUFACTURER'S DRAWINGS BY THE CUSTOMER, ARCHITECT,  
ENGINEER, OR ANY OTHER PARTY WILL BE CONSIDERED AS UNACCEPTABLE ALTERNATIONS  
TO THESE DRAWING NOTES, AND WILL NOT ALTER THE CONTRACTUAL RIGHTS AND  
OBLIGATIONS EXISTING BETWEEN MANUFACTURER AND ITS CUSTOMER.

IMPORTANT NOTE: FINAL DETAILING, FABRICATION, AND DELIVERY DATE OF THIS PROJECT  
CANNOT BE COMPLETED UNTIL THE SIGNED APPROVALS ARE RETURNED TO THE METAL  
BUILDING MANUFACTURER.

△			PURCHASER: MEGA Storage
△			
△			
△	../../. .	FOR CONSTRUCTION	PROJECT: 60x84
△	../../. .	FOR APPROVAL	
REV.	DATE	REVISION	JOB NUMBER: S




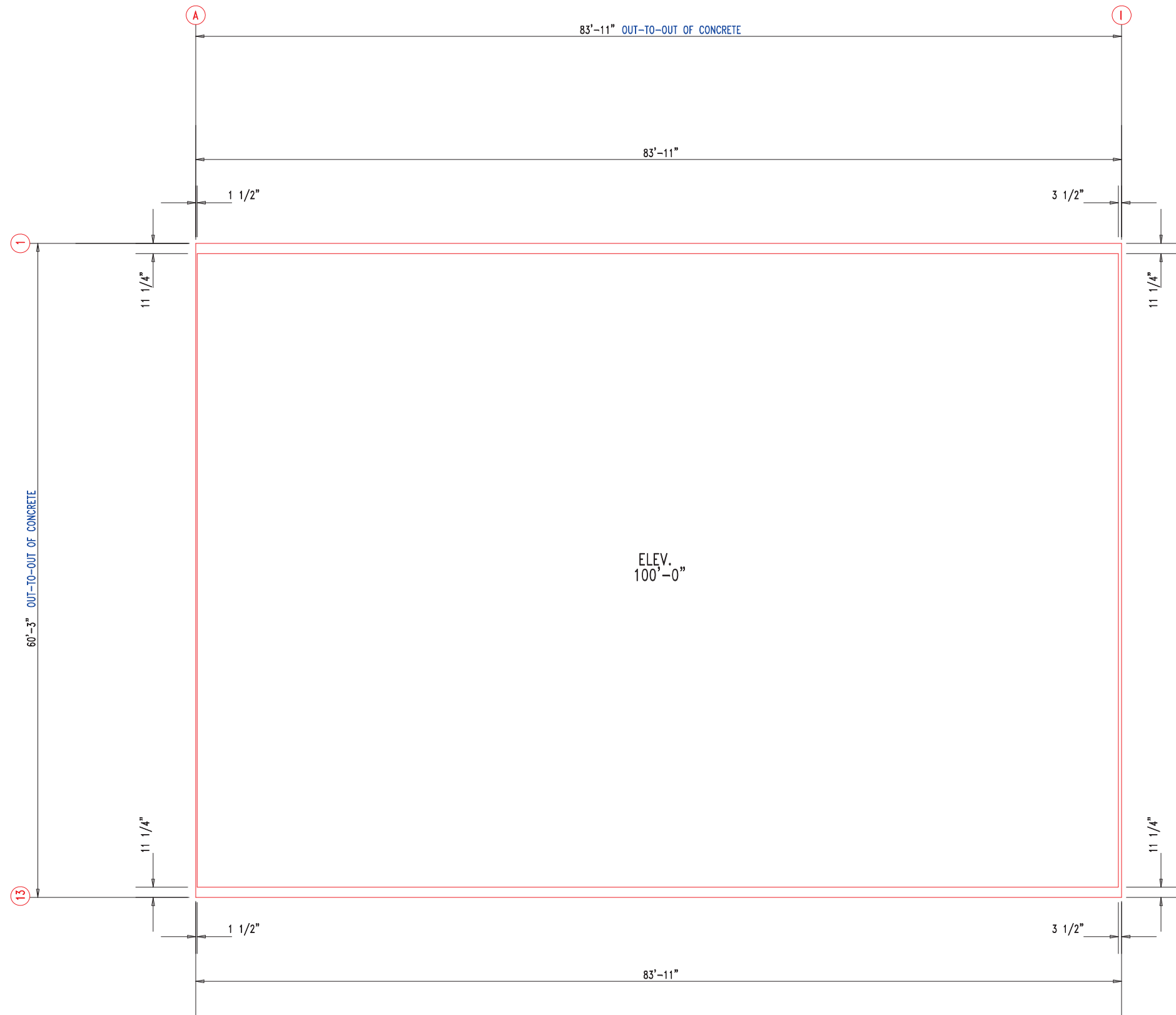
FLOOR PLAN

DOOR SCHEDULE			
▽ ID	QUAN	DESCRIPTION	COLOR
1	8	Janus 1214 M1950 Rollup	Silhouette Gray

COMPARTMENT TABLE			
◇ ID	QUAN	WIDTH	LENGTH
1	4	13'-9"	30'-0"
2	4	28'-0"	60'-0"




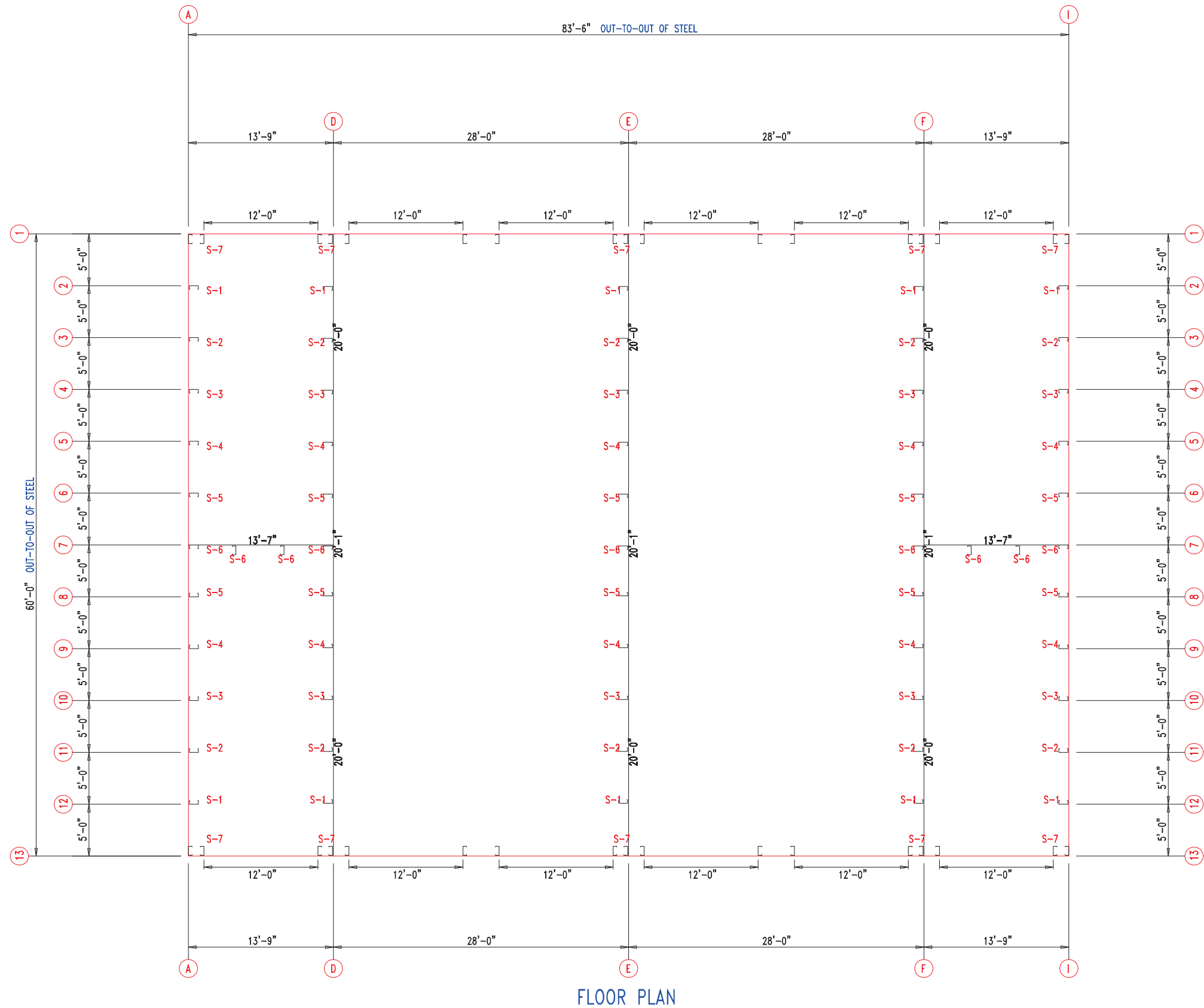
  906 West 9th Street Pella, IA 50219 (800) 225-0481 www.pellabuildings.com	DESCRIPTION: FLOOR PLAN						
	CUSTOMER: MEGA Storage					PROJECT: 60x84	
	LOCATION: LEE'S SUMMIT						
	DRN. BY JB	CK'D BY	DATE 2/20/23	SCALE N.T.S.	REV. 00	QUOTATION NO. S	SHEET NO. 1 OF 14



ANCHOR PLAN




 <div>906 West 9th Street Pella, IA 50219 (800) 225-0481    www.pellabuildings.com</div>		DESCRIPTION: ANCHOR PLAN											
		CUSTOMER: MEGA Storage					PROJECT: 60x84						
		LOCATION: LEE'S SUMMIT											
		DRN. BY JB	CK'D BY	DATE 2/20/23	SCALE N.T.S.	REV. 00	QUOTATION NO. S			SHEET NO. 2 OF 14			

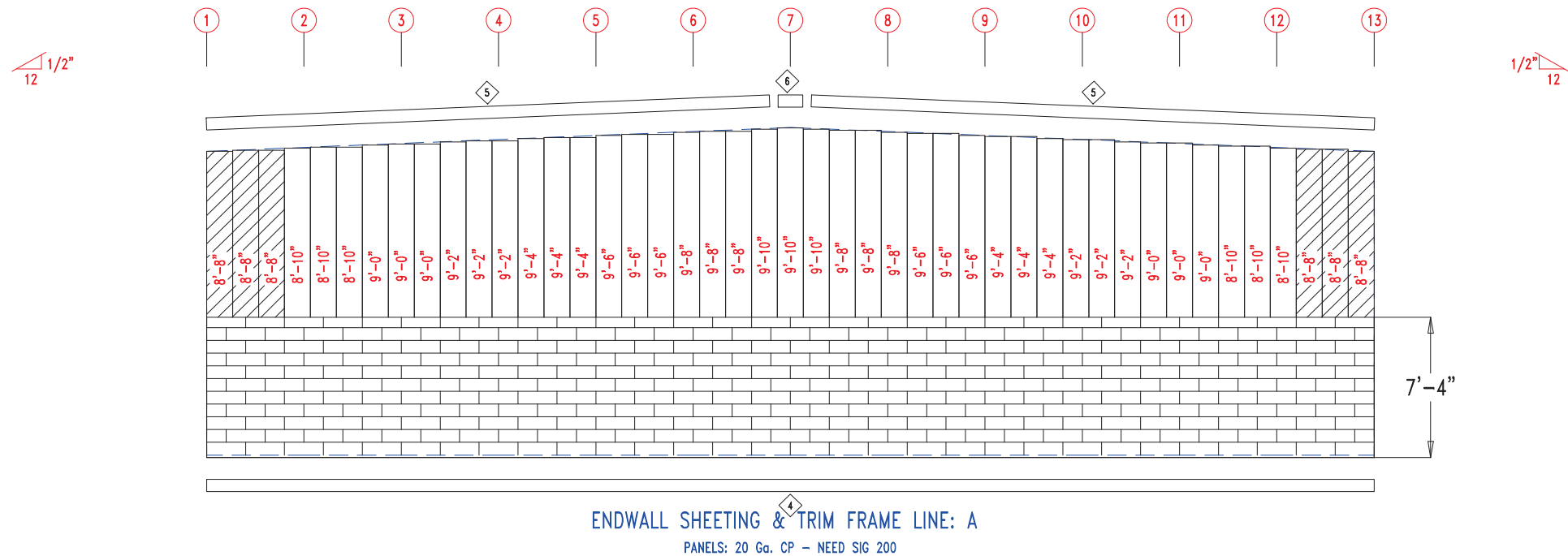
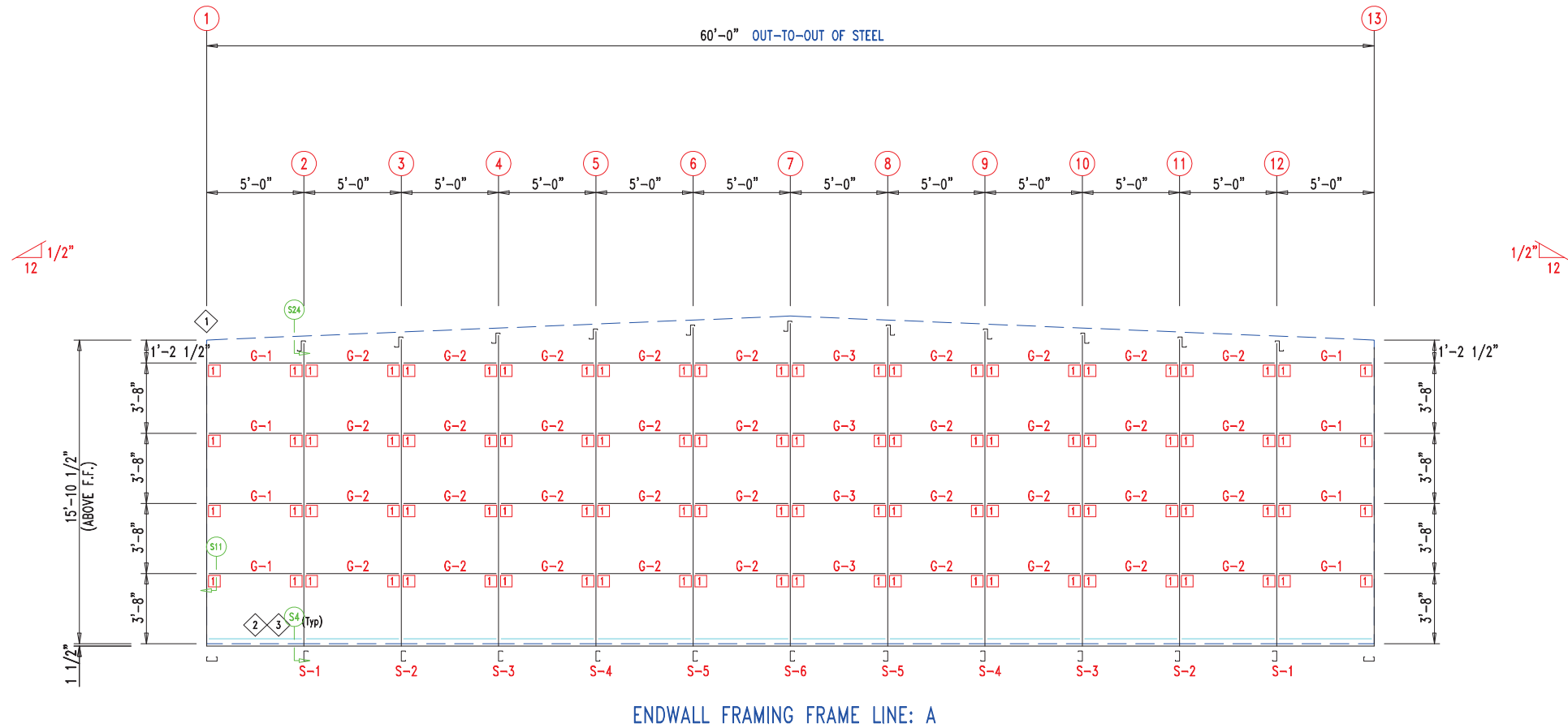


FLOOR PLAN

MEMBER TABLE		
MARK	PART	LENGTH
S-1	6X2C16	16'-1"
S-2	6X2C16	16'-3 1/2"
S-3	6X2C16	16'-6"
S-4	6X2C16	16'-8 1/2"
S-5	6X2C16	16'-11"
S-6	6X2C16	17'-1 1/2"
S-7	6X2C16	16'-0"



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		CUSTOMER: MEGA Storage	PROJECT: 60x84
LOCATION: LEE'S SUMMIT			
DRN. BY JB	CK'D BY	DATE 2/20/23	SCALE N.T.S.
		REV. 00	QUOTATION NO. S
			SHEET NO. 3 OF 14




TRIM TABLE			
◇ ID	PART	LENGTH	DETAIL
4	PBDT-1.5	10'-2"	TRIM_229
5	FL16D	15'-4"	
6	FL16B	1'-4"	

MEMBER TABLE		
MARK	PART	LENGTH
S-1	6X2C16	16'-1"
S-2	6X2C16	16'-3 1/2"
S-3	6X2C16	16'-6"
S-4	6X2C16	16'-8 1/2"
S-5	6X2C16	16'-11"
S-6	6X2C16	17'-1 1/2"
G-1	6X2C16	4'-5 3/4"
G-2	6X2C16	4'-9 1/2"
G-3	6X2C16	4'-7 1/2"

ANGLE TABLE		
◇ ID	MARK	LENGTH
1	L3x3	20'-0"
2	PB6EC	20'-0"
3	PB6EC	SCRAP

CONNECTION PLATES	
□ ID	MARK/PART
1	PBMC-6

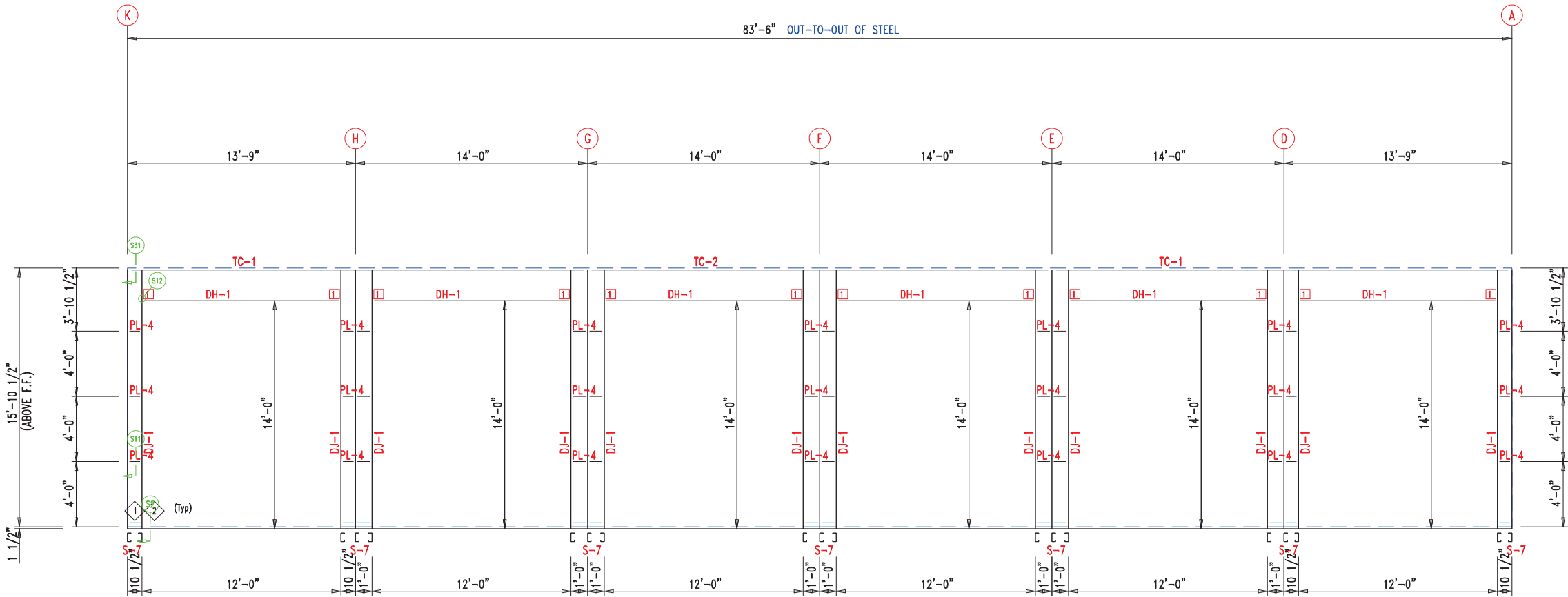


 906 West 9th Street Pella, IA 50219 (800) 225-0481 www.pellabuildings.com		DESCRIPTION: ENDWALL DRAWING	
		CUSTOMER: MEGA Storage	PROJECT: Lee's Summit
LOCATION: LEE'S SUMMIT			
DRN. BY JB	CK'D BY	DATE 2/13/23	SCALE N.T.S.
REV. 00	QUOTATION NO. S	SHEET NO. 4 OF 14	

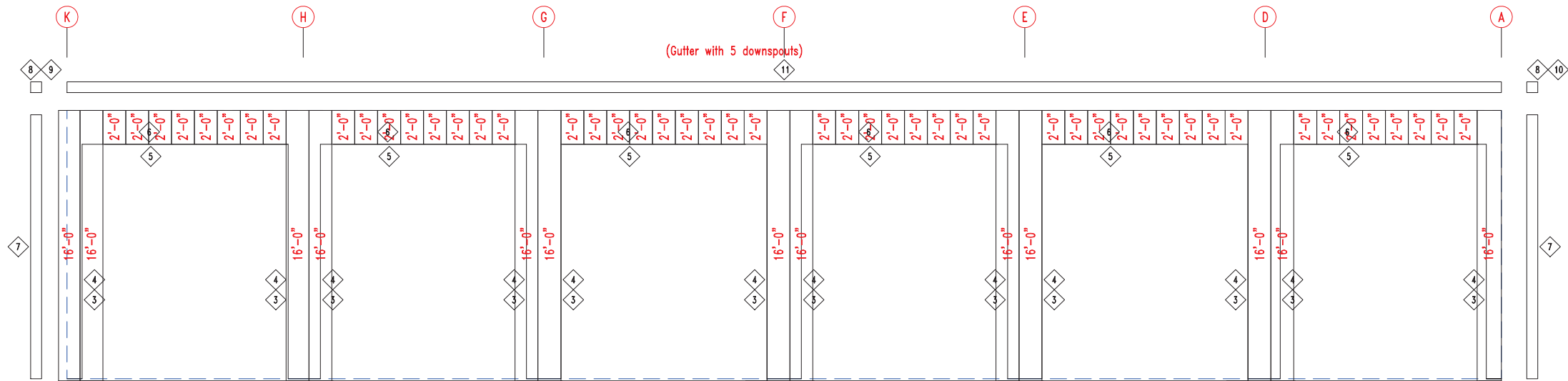








SIDEWALL FRAMING FRAME LINE: 1



SIDEWALL SHEETING & TRIM FRAME LINE: 1  
PANELS: 20 Ga. CP - NEED SIG 200


TRIM TABLE			
ID	PART	LENGTH	DETAIL
3	PB6HT-6	14'-1"	TRIM_235
4	XFL26	14'-2"	TRIM_239
5	PB6HT-6	12'-1"	TRIM_235
6	XFL26	20'-2"	TRIM_232
7	FL835x	16'-0"	TRIM_198
8	FL16C	6"	
9	FL18AL	6"	
10	FL18AR	6"	
11	FL19	10'-2"	TRIM_317

MEMBER TABLE		
MARK	PART	LENGTH
S-7	6X2C16	16'-0"
DJ-1	PBMJ6	16'-0"
TC-1	PB6EC	27'-9"
TC-2	PB6EC	28'-0"
DH-1	6X25C16	11'-11 1/2"
G-4	6X2C16	4 1/4"
G-5	6X2C16	7 3/4"
G-6	6X2C16	5 3/4"
G-7	6X2C16	6 1/4"

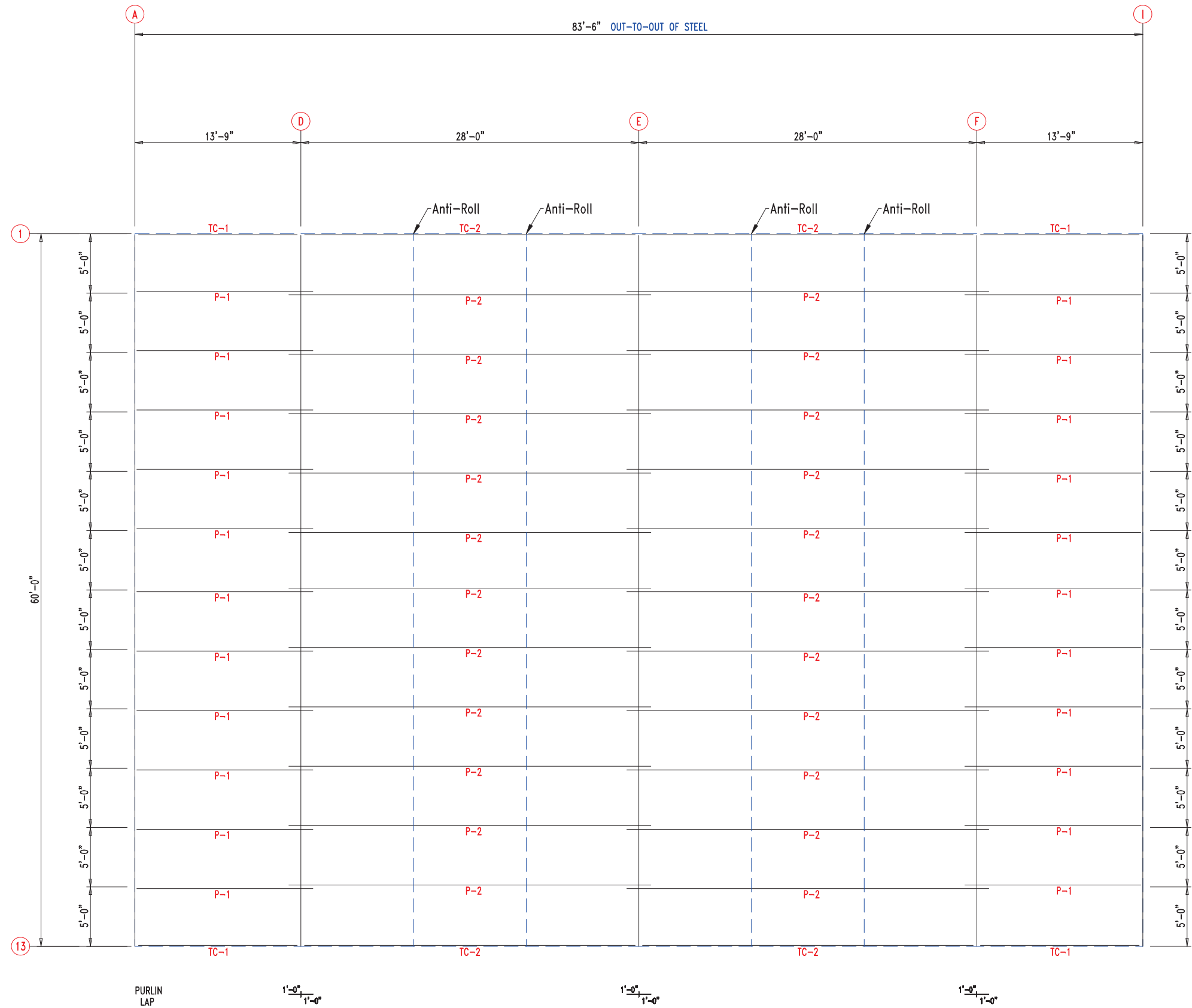
ANGLE TABLE		
ID	MARK	LENGTH
1	PB6EC	20'-0"
2	PB6EC	SCRAP

CONNECTION PLATES	
ID	MARK/PART
1	PBMC-6



 906 West 9th Street Pella, IA 50219 (800) 225-0481 www.pellabuildings.com		DESCRIPTION: SIDEWALL DRAWING	
		CUSTOMER: MEGA Storage	PROJECT: 60x84
LOCATION: LEE'S SUMMIT			
DRN. BY JB	CK'D BY	DATE 2/20/23	SCALE N.T.S.
	REV. 00	QUOTATION NO. S	SHEET NO. 7 OF 14




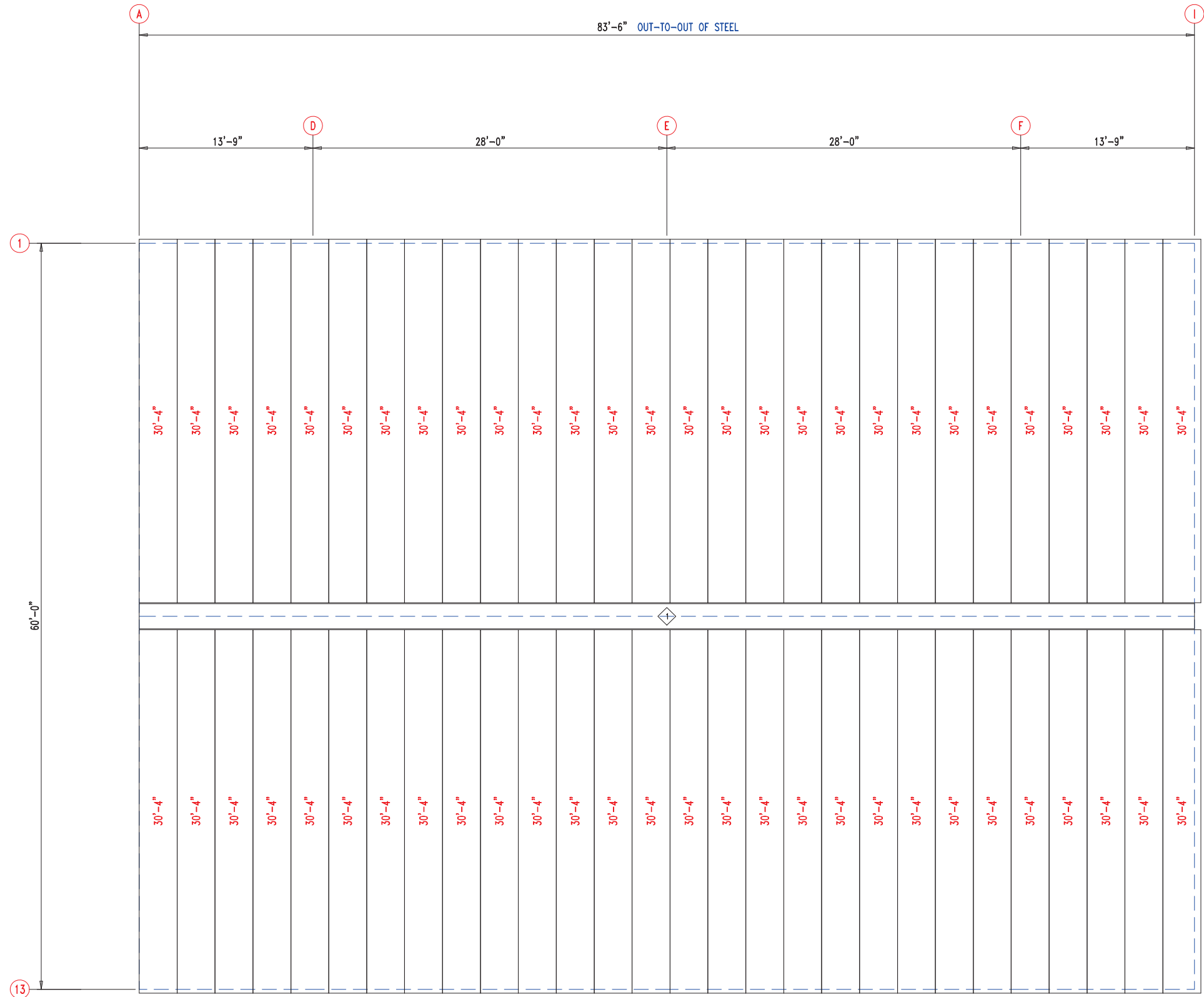


ROOF FRAMING

MEMBER TABLE		
MARK	PART	LENGTH
TC-1	PB6EC	13'-9"
TC-2	PB6EC	28'-0"
P-1	6X25Z14	14'-9"
P-2	12X25Z12	33'-0"




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		CUSTOMER: MEGA Storage	PROJECT: 60x84
LOCATION: LEE'S SUMMIT			
DRN. BY JB	CK'D BY	DATE 2/20/23	SCALE N.T.S.
		REV. 00	QUOTATION NO. S
			SHEET NO. 8 OF 14

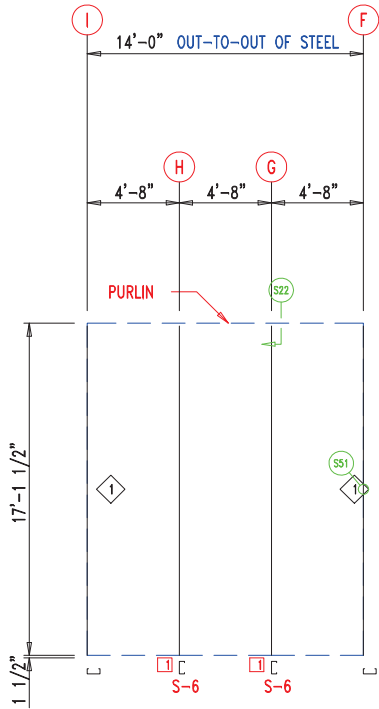


ROOF SHEETING & TRIM  
PANELS: 26 Ga. PR - Galvalume+ w/ Drip Stop

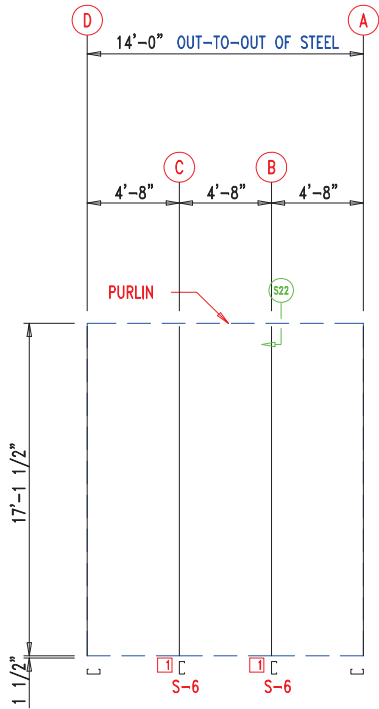
TRIM TABLE			
ID	PART	LENGTH	DETAIL
1	FL49	3'-0"	TRIM_320



<div></div> <div>906 West 9th Street Pella, IA 50219 (800) 225-0481    www.pellabuildings.com</div>	DESCRIPTION: ROOF SHEETING						
	CUSTOMER: MEGA Storage					PROJECT: 60x84	
	LOCATION: LEE'S SUMMIT						
	DRN. BY JB	CK'D BY	DATE 2/20/23	SCALE N.T.S.	REV. 00	QUOTATION NO. S	SHEET NO. 9 OF 14



WALL FRAMING  
FRAME LINE: 7



WALL FRAMING  
FRAME LINE: 7



13'-10"
13'-10"
13'-10"
13'-10"
13'-10"
13'-10"

WALL SHEETING & TRIM  
FRAME LINE: 7  
PANELS: 29 Ga. PR - Galvalume +



13'-10"
13'-10"
13'-10"
13'-10"
13'-10"
13'-10"


WALL SHEETING & TRIM  
FRAME LINE: 7  
PANELS: 29 Ga. PR - Galvalume +

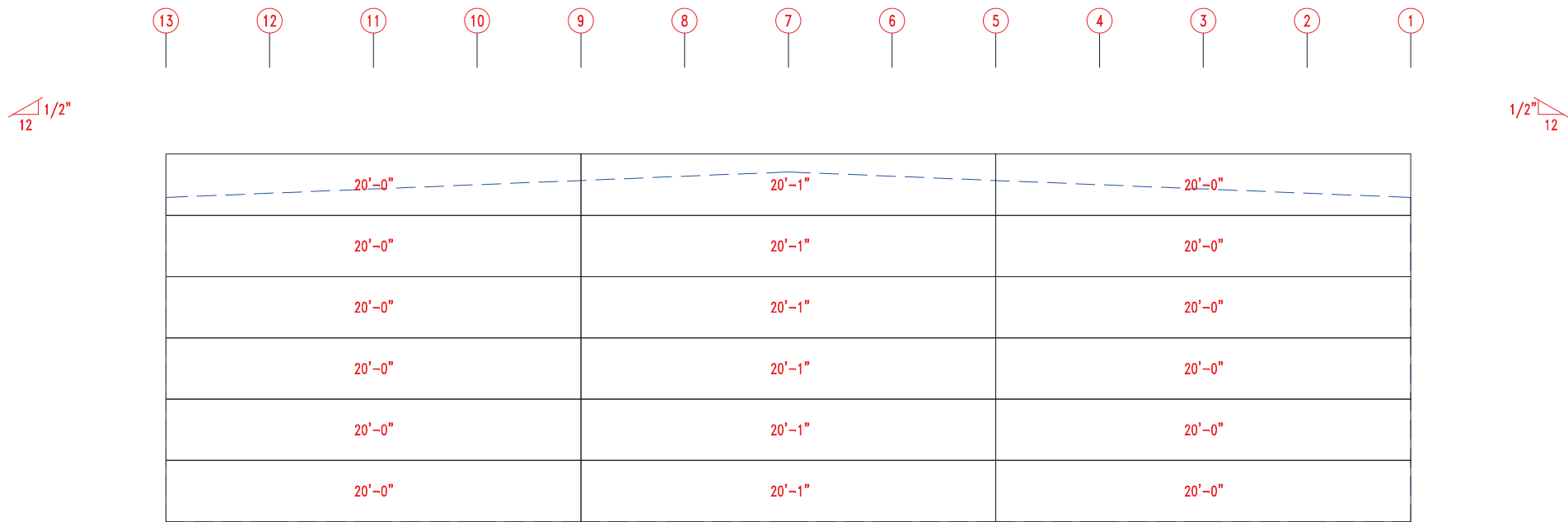
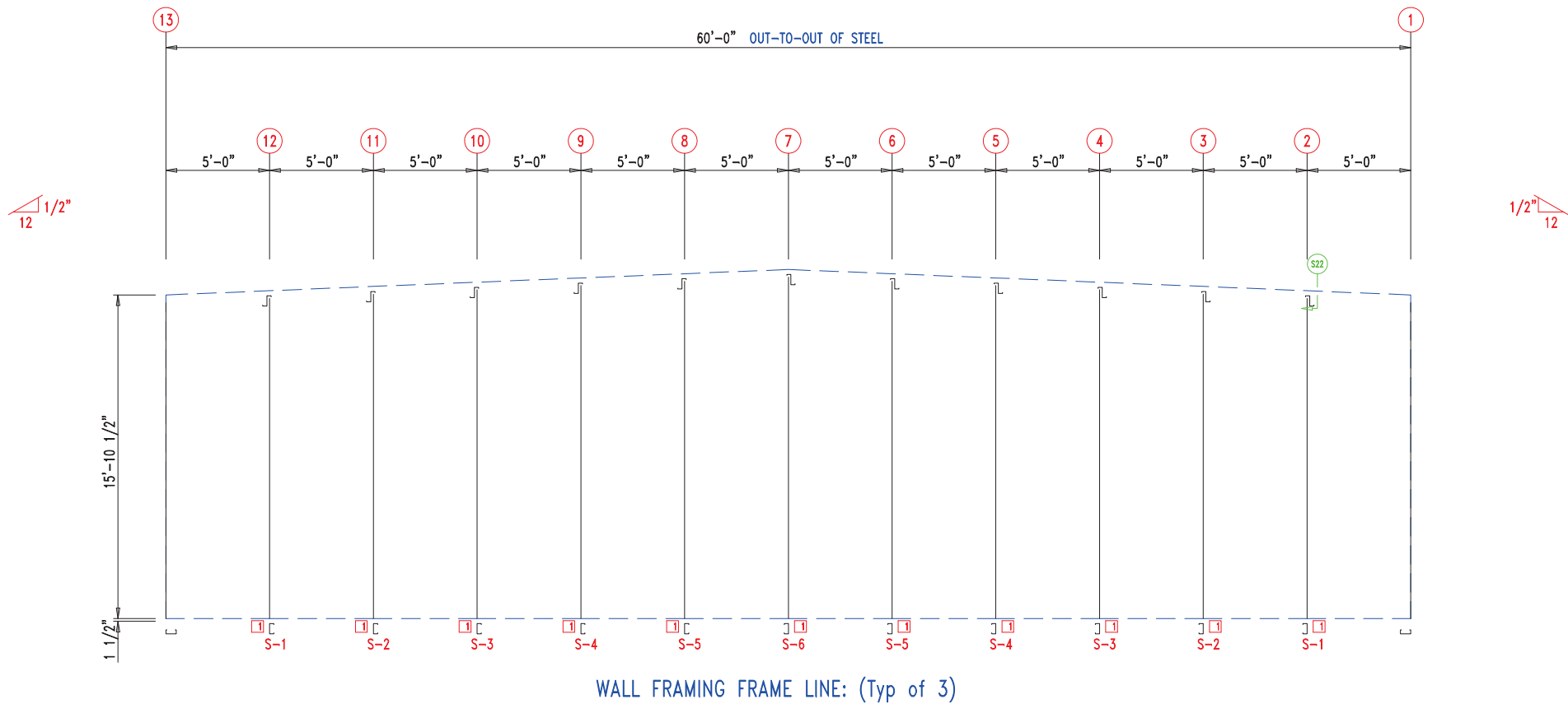
MEMBER TABLE		
MARK	PART	LENGTH
S-6	6X2C16	17'-1 1/2"

ANGLE TABLE		
◇ ID	MARK	LENGTH
1	STUD	10'-0"

CONNECTION PLATES		
□ ID	MARK/PART	
1	BASECLIP	




 906 West 9th Street Pella, IA 50219 (800) 225-0481 www.pellabuildings.com		DESCRIPTION: PARTITION DRAWING			
		CUSTOMER: MEGA Storage		PROJECT: Lee's Summit	
		LOCATION: LEE'S SUMMIT			
DRN. BY JB	CK'D BY	DATE 2/13/23	SCALE N.T.S.	REV. 00	QUOTATION NO. S
				SHEET NO. 10 OF 14	



MEMBER TABLE		
MARK	PART	LENGTH
S-1	6X2C16	16'-1"
S-2	6X2C16	16'-3 1/2"
S-3	6X2C16	16'-6"
S-4	6X2C16	16'-8 1/2"
S-5	6X2C16	16'-11"
S-6	6X2C16	17'-1 1/2"

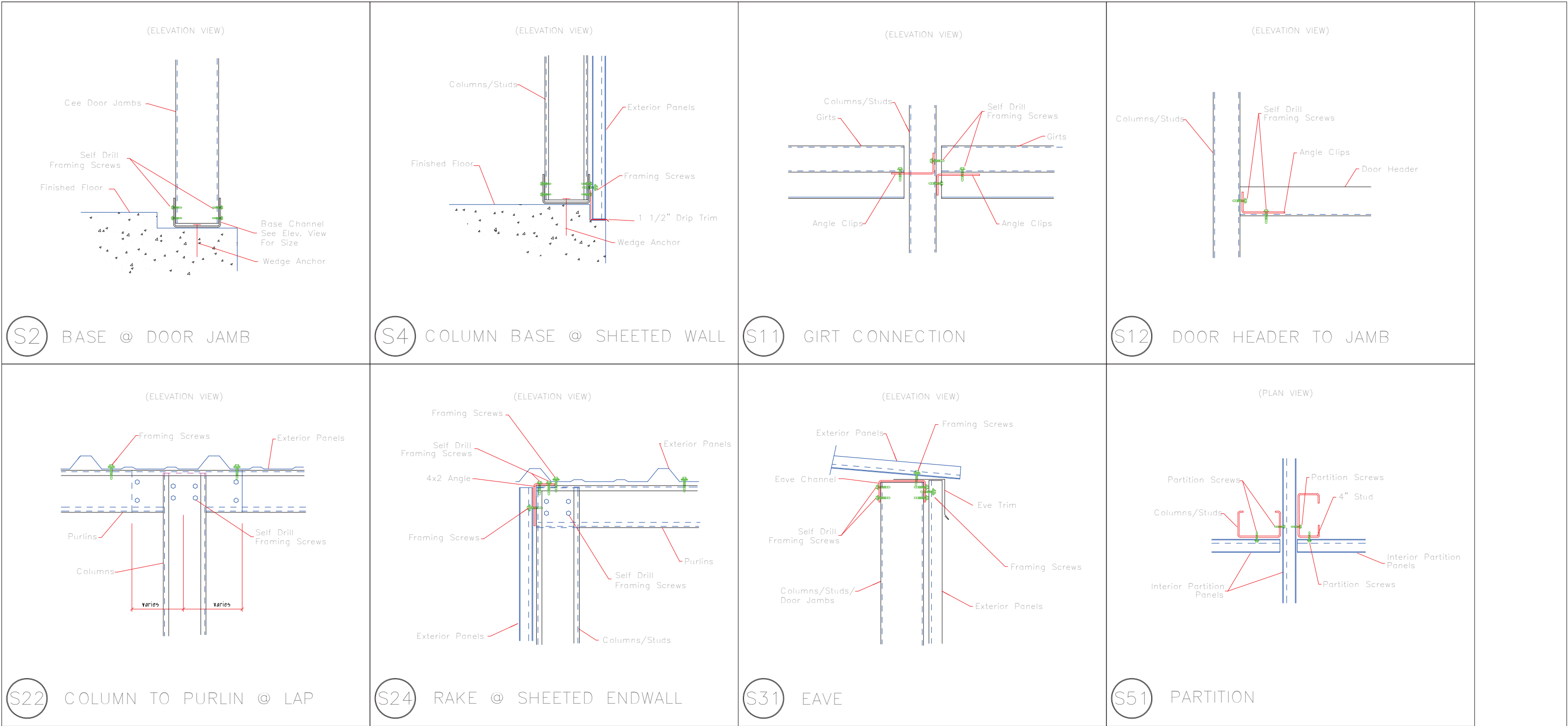
CONNECTION PLATES	
ID	MARK/PART
1	BASECLIP




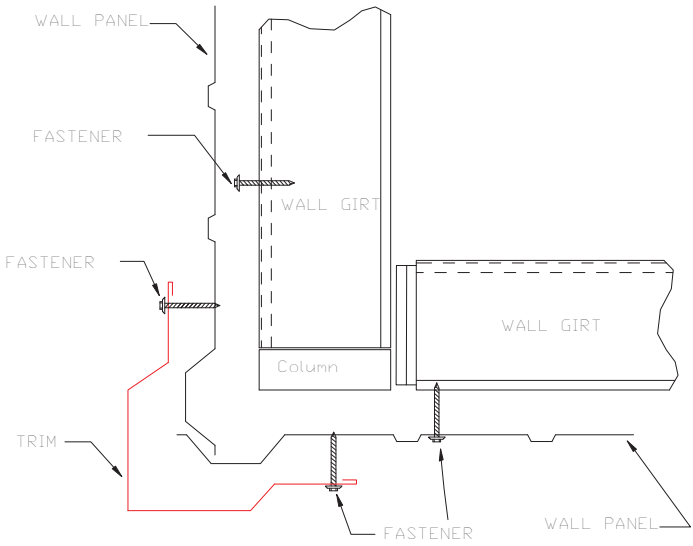


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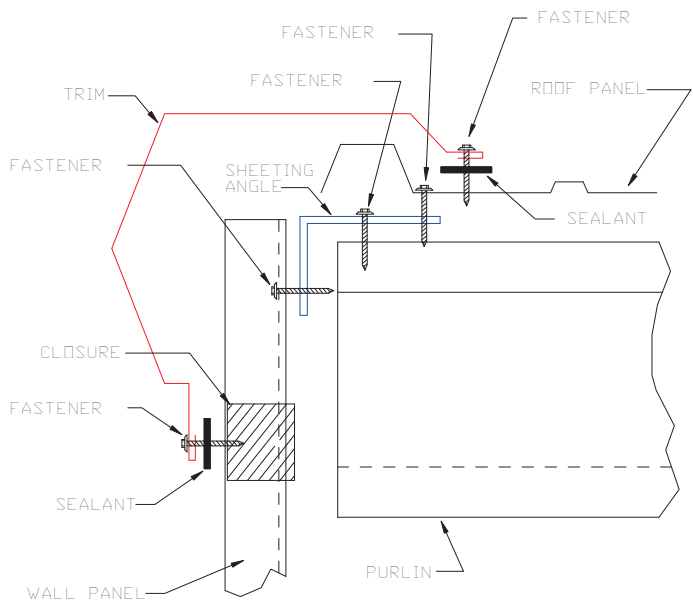
DESCRIPTION: PARTITION DRAWING					
CUSTOMER: MEGA Storage			PROJECT: Lee's Summit		
LOCATION: LEE'S SUMMIT					
DRN. BY JB	CK'D BY	DATE 2/13/23	SCALE N.T.S.	REV. 00	QUOTATION NO. S
				SHEET NO. 11 OF 14	



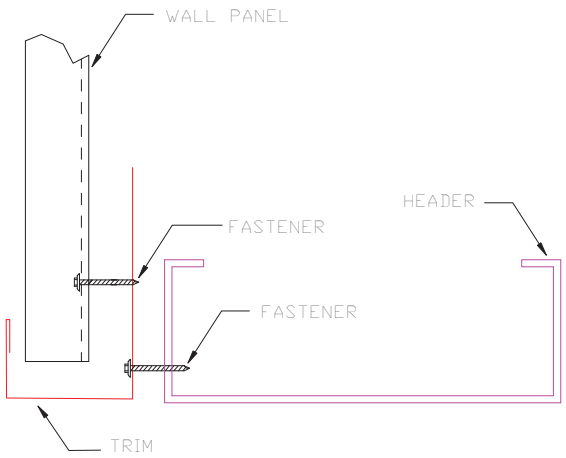
 <div>906 West 9th Street Pella, IA 50219 (800) 225-0481    www.pellabuildings.com</div>	DESCRIPTION:    DETAIL DRAWINGS						
	CUSTOMER:    MEGA Storage				PROJECT:    Lee's Summit		
	LOCATION:    LEE'S SUMMIT						
	DRN. BY JB	CK'D BY	DATE 2/13/23	SCALE N.T.S.	REV. 00	QUOTATION NO. S	SHEET NO. 12    OF    14



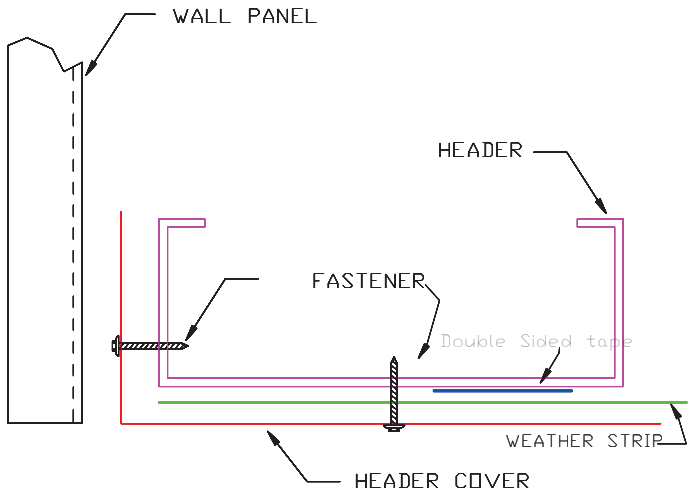
OUTSIDE CORNER  
TRIM\_198



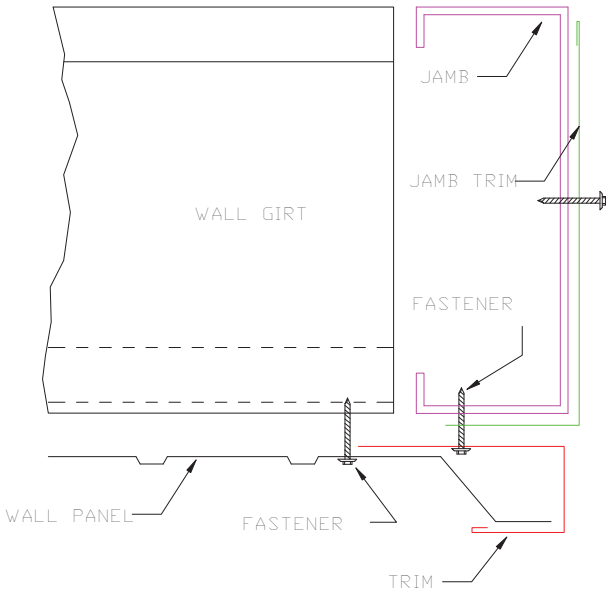
GABLE  
TRIM\_229



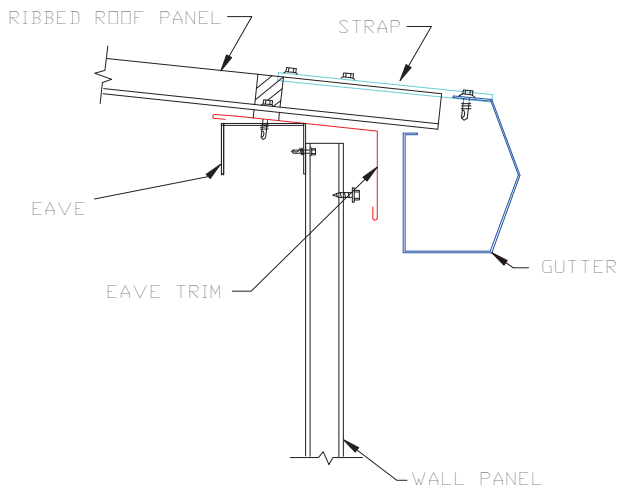
HEADER  
TRIM\_232



HEADER COVER  
TRIM\_235



JAMB  
TRIM\_239



GUTTER FLASHING  
TRIM\_317



DESCRIPTION:      DETAIL DRAWINGS						
CUSTOMER:    MEGA Storage				PROJECT:    Lee's Summit		
LOCATION:    LEE'S SUMMIT						
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATION NO.	SHEET NO.
JB		2/13/23	N.T.S.	00	S	13    OF    14