

PELLA

BUILDING SYSTEMS

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

BUILDING LOADS /	DESCRIPTION:
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WIDTH: 60 LEN (BUILDING DIMENSIONS A	IGTH: <u>83.5</u> RE NOMINAL. REFER	— HEIGHT: <u>15.88 /15.88</u> R TO PLANS).	SITE CLASS	<u></u>	<u>d</u>
THIS STRUCTURE IS DES	IGNED UTILIZING TH			Y CATEGORY: Sign category:	
THE CONTRACTOR IS TO WITH THE REQUIREMENTS					
ROOF DEAD LOAD:		OOF PANELS & PURLINS)			
COLLATERAL LOAD:	<u>0.5</u> PSF	SNOW EXPOSURE:	1.0000		
ROOF LIVE LOAD:	20.00 PSF	WIND EXPOSURE:			
ROOF SNOW LOAD:	<u>13.44</u> PSF	INTERNAL PRESSURE COE	EFF.:		
GROUND SNOW LOAD:	20 PSF	0.18 / _	-0.18		
BASIC WIND SPEED:	103 MPH	SPECTRAL RESPONSE CO	EFF.	MAPPED SPECT	RAL RESPONSE ACC
SEISMIC ZONE:		Sds	0.10	Ss	0.10
THERMAL FACTOR:	1.20_	Sd1	0.11	St	0.07
IMPORTANCE FACTORS:		<u>DESIGN BASE SHEAR, V:</u>			
WIND LOAD <u>1.0</u>	<u>0</u>	EXPANDED FORMULA	0.667*1	e*Fa*Ss*W/R	
SNOW LOAD 0.80	<u>0</u> 0	LONGITUDINAL	1.00		
SEISMIC LOAD <u>1.0</u>	<u>o</u>	TRANSVERSE	0.98		

ksi MIN.

ksi MIN. ksi MIN

ksi MIN.

ksi MIN. ksi MIN.

ROOF PANELS

COLOR:	Galvalume+ w/_Dri
WALL PANELS:	
COLOR:	NEED SIG 200
TRIM COLORS:	
CABLE:	Black
CORNER:	Black
EAVE:	Black
FRAMED OPENINGS:	Black
LINER PANELS:	
COLOR:	N/A
LINER TRIM:	

DEFLECTION LIMTS:

COLOR: N/A

FW COL:	180
LW COL.	
EW RAF LIVE: 1	180
EW RAF WIND: 1	180
WALL GIRT: 9	90
PURL LIVE: 1	180
PURL WIND: 1	150
WALL PANEL: 6	30
ROOF PANEL LIVE: 6	30
ROOF PANEL WIND: 6	30
RF HORIZONTAL: 1	180
RF VERTICAL: 6	30
WIND BENT: 6	30
RF CRANE: 0	
RF SEIS:	
WIND BENT SEIS: (

PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF ANY GOVERNING BUILDING AUTHORITIES. THE SUPPLYING OF SEALED ENGINEERING DATA AND ip StopDrawings for the metal building system does not imply or constitute an IS ACTING AS THE ENGINEER OF RECORD OR DESIGN PROFESSIONAL FOR A CONSTRUCTION

CONTRACT DRAWINGS AND SPECIFICATIONS. (SECT. 4.2.1 AISC CODE OF STANDARD STRUCTURAL STEEL PLANS SHALL GOVERN. (SECT. 3.3 AISC CODE OF STANDARD PRACTICE

DESIGN CONSIDERATIONS OF ANY MATERIALS IN THE STRUCTURE WHICH ARE NOT

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

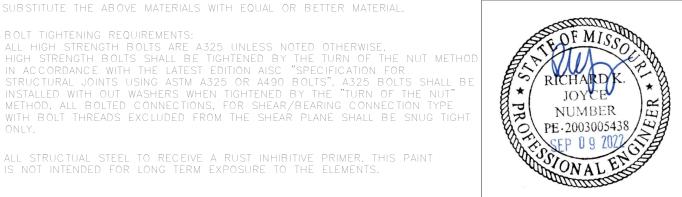
ALL BRACING AS SHOWN AND PROVIDED BY THE METAL BUILDING SYSTEM MANUFACTURER FOR THIS BUILDING IS REQUIRED AND SHALL BE INSTALLED BY THE ERECTOR AS A PERMANENT PART OF THE STRUCTURE.

TEMPORARY SUPPORTS, SUCH AS TEMPORARY GUYS, BRACES, FALSE WORK, CRIBBING OR OTHER ELEMENTS REQUIRED FOR THE ERECTION OPERATION WILL BE DETERMINED AND 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 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.

THE FOLLOWING CONDITIONS APPLY IN THE EVENT THAT THESE DRAWINGS ARE USED AS IN CONTRASTING INK (PREFERABLY RED INK), HAVE ALL INSTANCES OF CHANGE CLEARLY INDICATED, AND BE LÈGIBLE AND UNAMBIGUOUS. A SIGNATURE AND DATE IS REQUIRED ON ALL PAGES. MANUFACTURER RESERVES THE RIGHT TO RE—SUBMIT DRAWINGS WITH 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 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 INDICATION OF APPROVAL, DISAPPROVAL, ETC. SUCH ENGINEER, OR ANY OTHER PARTY WILL BE CONSIDERED AS UNACCEPTABLE ALTERNATIONS TO THESE DRAWING NOTES, AND WILL NOT ALTER THE CONTRACTUAL RIGHTS AND

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



B	//	FOR CONSTRUCTION	
Â	//	FOR APPROVAL	
REV.	DATE	REVISION	

PURCHASER: MEGA Storage

Lee's Summit

JOB NUMBER: 16

PROJECT:

3) ALL STRUCTUAL STEEL TO RECEIVE A RUST INHIBITIVE PRIMER. THIS PAINT

Fy =

Fy =

Fy =

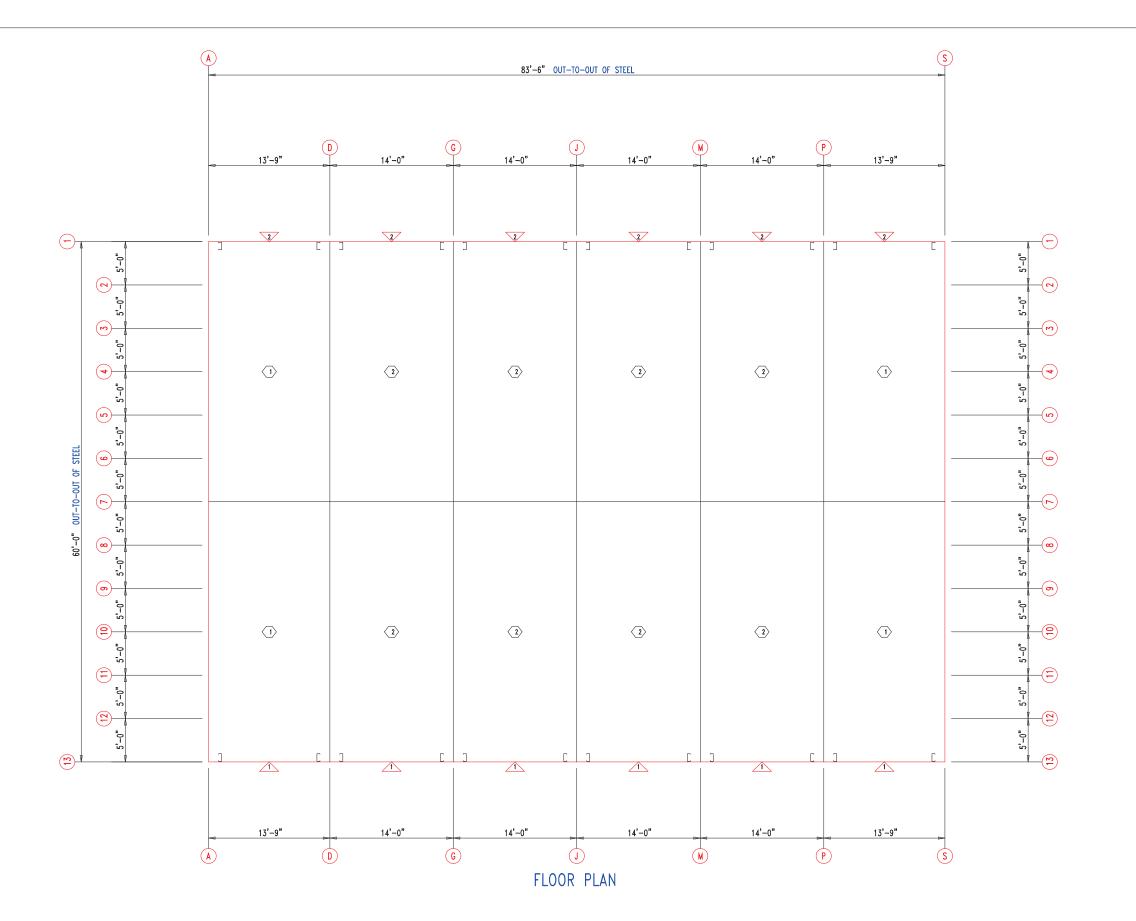
Fy =

SUBSTITUTE THE ABOVE MATERIALS WITH EQUAL OR BETTER MATERIAL.

A307 & A325

WITH BOLT THREADS EXCLUDED FROM THE SHEAR PLANE SHALL BE SNUG TIGHT

WALL SHEETING





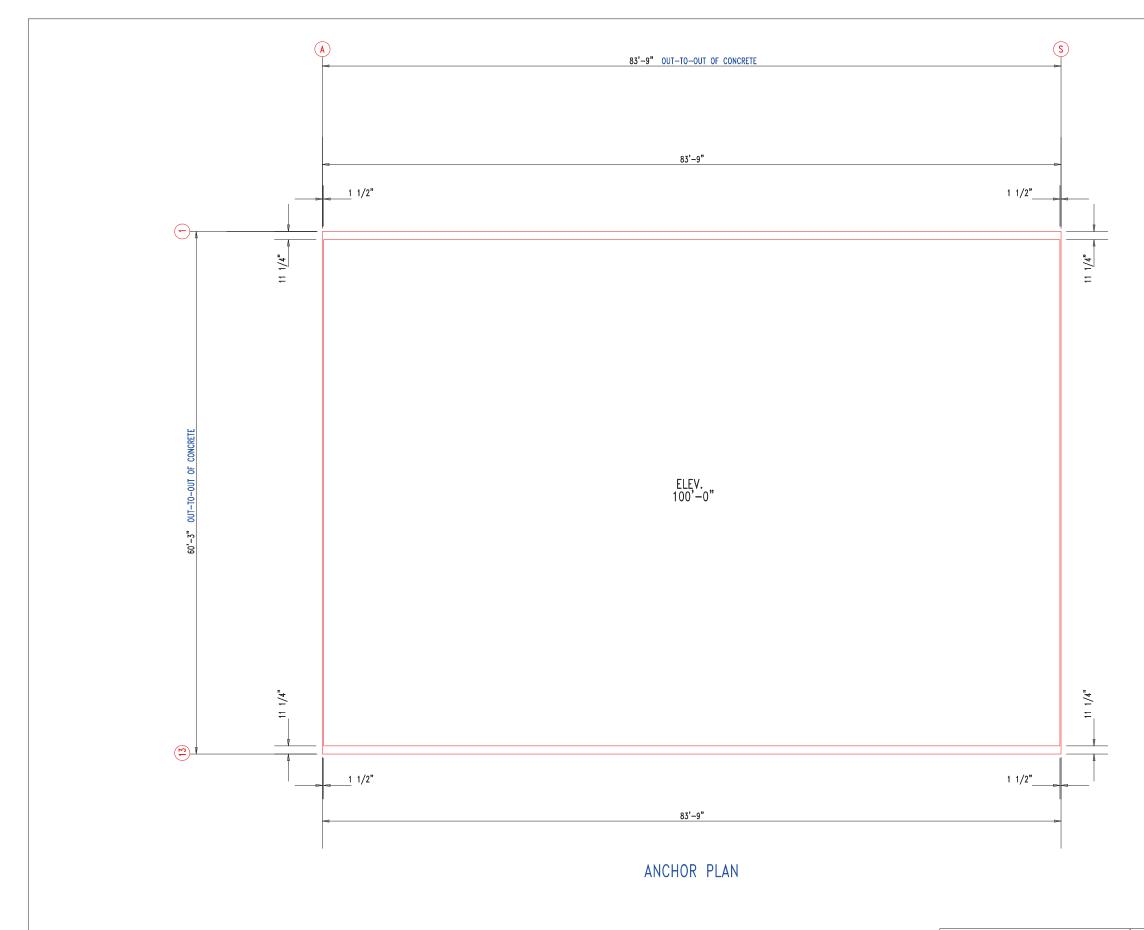
∇ ID	QUAN	DESCRIPTION	COLOR
1	6	Janus 1214 M1950 Rollup	Silhouette Gray
2	6	Janus 1214 M1950 Rollup	WHITE

COM	COMPARTMENT TABLE					
○ ID	QUAN	WIDTH	LENGTH			
1	4	13'-9"	30'-0"			
2	8	14'-0"	30'-0"			



PELLA	DESC
	cus
BUILDING SYSTEMS	LOC
906 West 9th Street Pella, IA 50219	DRN.

DESCRIPTION	N: FLOOF	R PLAN							
CUSTOMER:	MEGA Sto	rage			PROJECT:	Lee's S	umn	nit	
LOCATION:	LEE'S S	UMMIT							
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATIO	N NO.		SHEET N	10.
JB		8/25/22	N.T.S.	00	16		1	OF	15
		•	•	•					

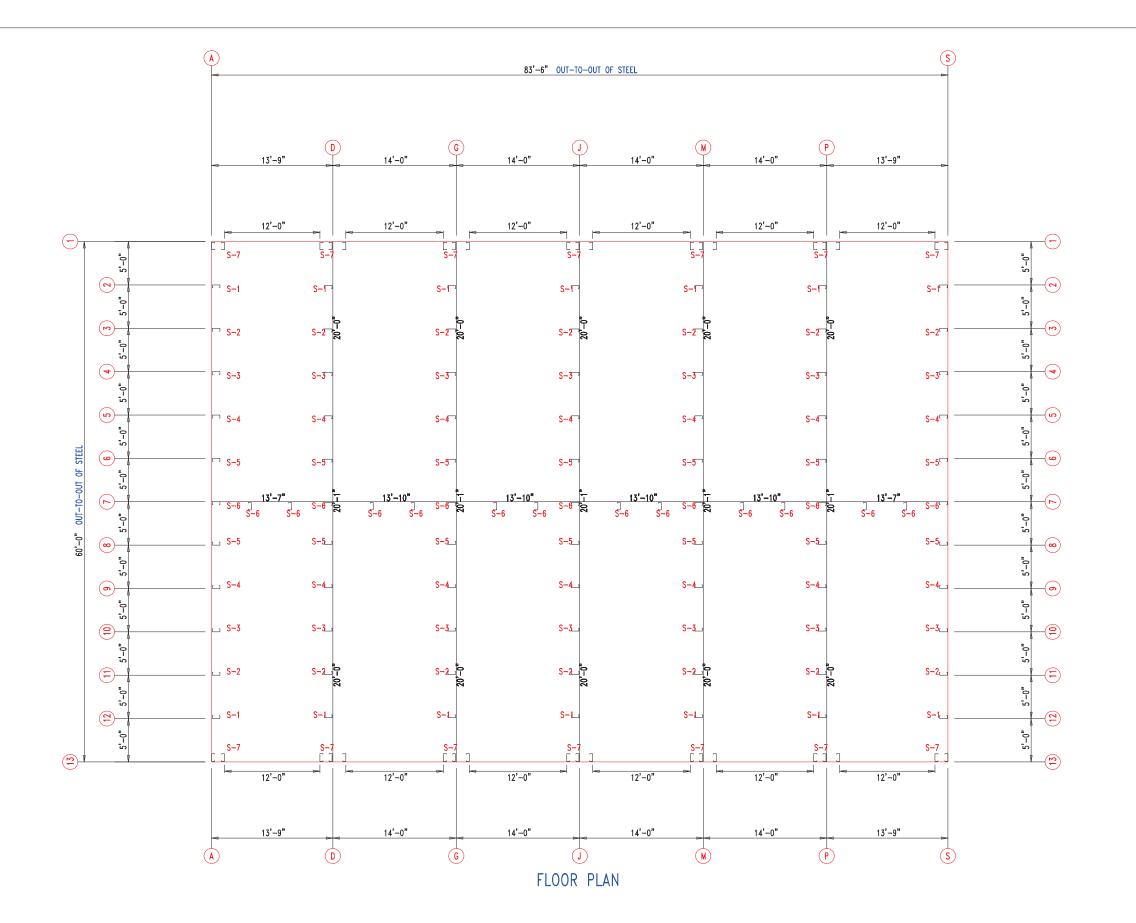






	DESCRIPTIO	N: ANCH	OR PLAN	
	CUSTOMER:	MEGA Sto	rage	
	LOCATION:	LEE'S S	UMMIT	
0	DDN BY	CK,D BA	DATE	20

CUSTOMER:	MEGA Sto	rage	PROJECT: Lee's S	umm	nit			
LOCATION:	LEE'S S	UMMIT						
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATION NO.		SHEET	NO.
JB		8/23/22	N.T.S.	00	16	2	OF	15

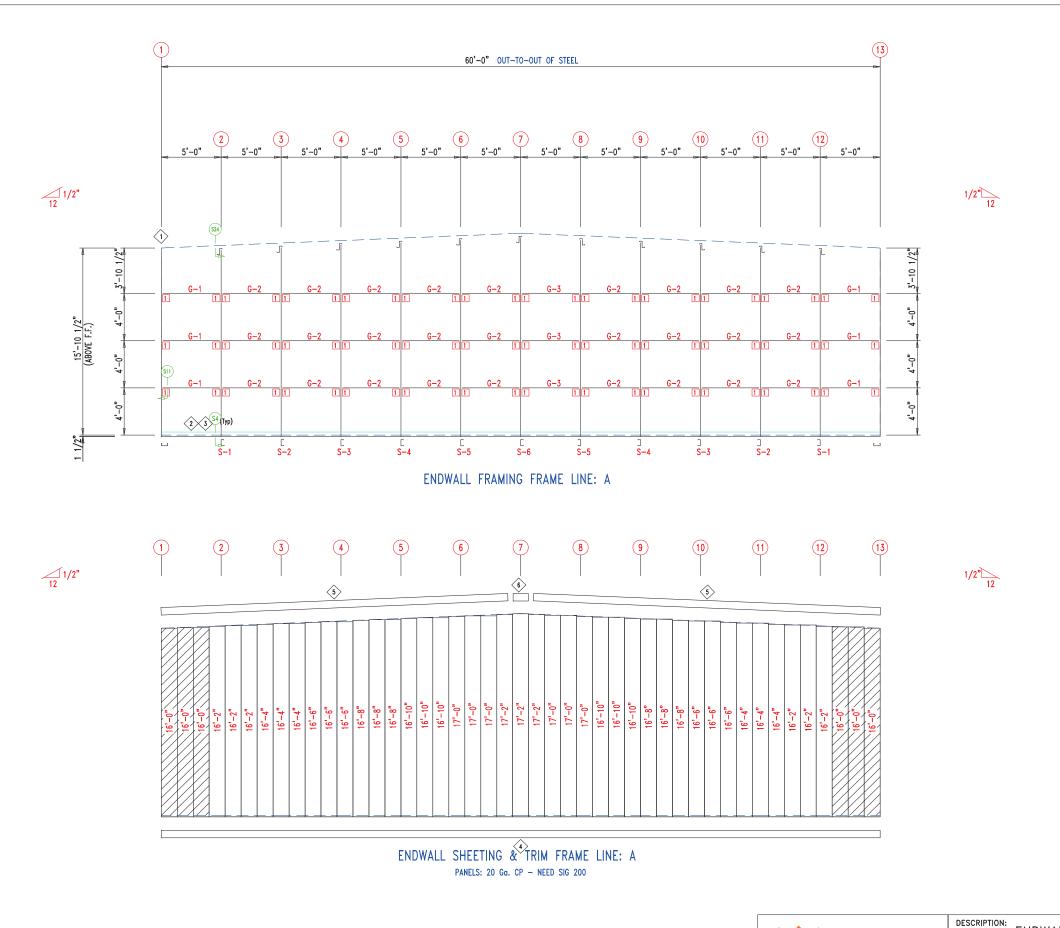


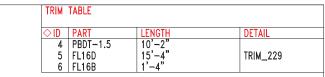
MEMBER T	ABLE	
MARK	PART	LENGTH
S-1	6X2C16	16'-1"
S-2	6X2C16	16'-3 1/2" 16'-6"
S-3	6X2C16	16'-6"
S-4	6X2C16	16'-8 1/2"
S-5	6X2C16	16'-11"
S-6	6X2C16	17'-1 1/2"
S-7	6X2C16	16'-0"



	PFIIA
	BUILDING SYSTEMS
906 West	9th Street Pella, IA 50219

	DESCRIPTION: FLOOR PLAN						
CUSTOMER: MEGA Storage PROJECT: Lee's Summ					Summit		
	LOCATION: LEE'S SUMMIT						
	DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATION NO.	SHEET NO.
	JB		8/23/22	N.T.S.	00	16	3 OF 15

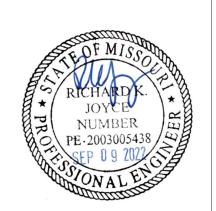




MEMBER TABLE					
MARK	PART	LENGTH			
S-1	6X2C16	16'-1"			
S-2	6X2C16	16'-3 1/2"			
S-3	6X2C16	16'-6"			
S-4	6X2C16	16'-8 1/2"			
S-5	6X2C16	16'-11"			
S-6	6X2C16	17'-1 1/2"			
G-1	6X2C16	4'-5 3/4"			
G-2	6X2C16	4'-9 1/2"			
G-3	6X2C16	4'-7 1/2"			

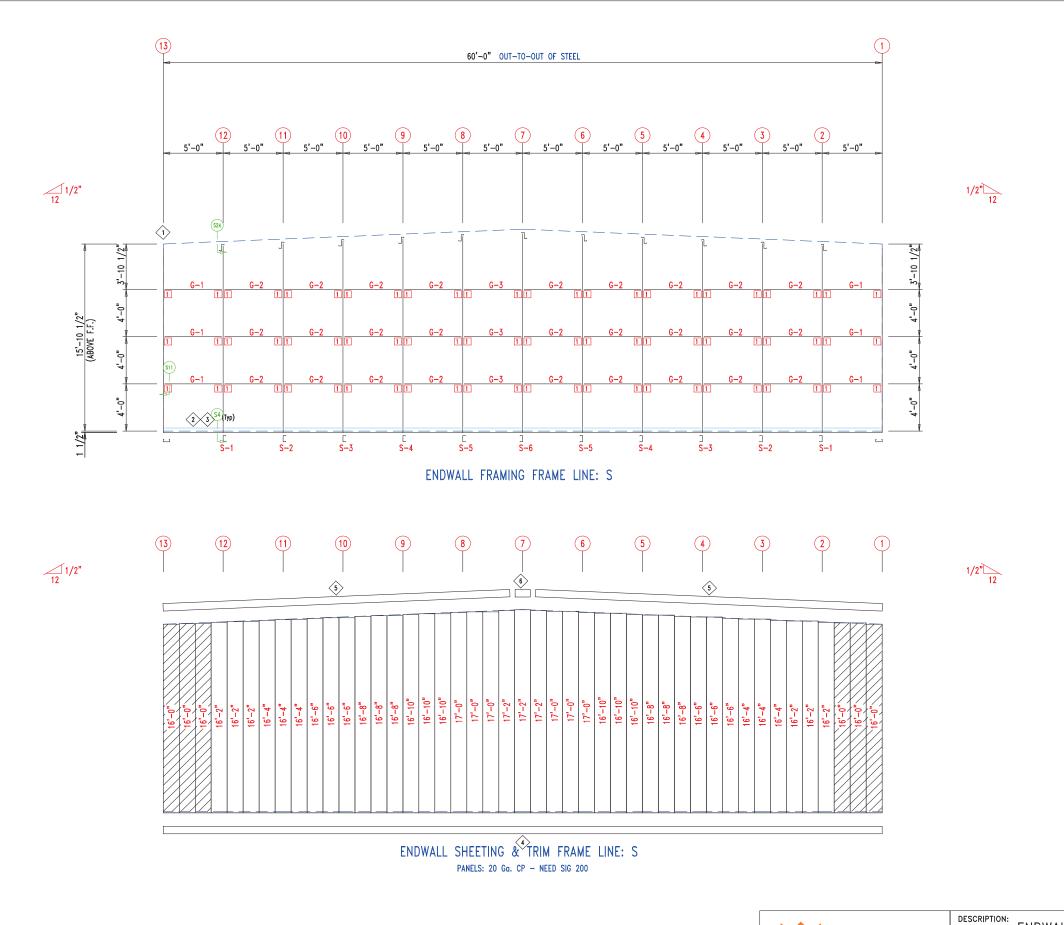
ANGLE	TABLE	
♦ID	MARK	LENGTH
1	L3x3	20'-0"
2	PB6EC	20'-0"
3	PB6EC	SCRAP

CONN	ECTION PLATES
	MARK/PART
1	PBMC-6



	PELLA
906 West	9th Street Pella, IA 50219

ENDWALL DRAWING										
CUSTOMER: MEGA Storage PROJECT: Lee's Summit										
LOCATION: LEE'S SUMMIT										
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET N	10.	
JB		8/23/22	N.T.S.	00	16		4	OF	15	



TRIM TABLE ◆ ID PART

4 PBDT-1.5

5 FL16D

6 FL16B 10'-2" 15'-4" 1'-4" TRIM_229

MEMBER TABLE

LENGTH

16'-1"

16'-3 1/2"

16'-6"

16'-8 1/2"

16'-11"

17'-1 1/2"

4'-5 3/4"

4'-9 1/2"

4'-7 1/2" MARK S-1 S-2 S-3 S-4 S-5 S-6 G-1 G-2 G-3 6X2C16 6X2C16 6X2C16 6X2C16 6X2C16 6X2C16 6X2C16 6X2C16 6X2C16

ANGLE TABLE

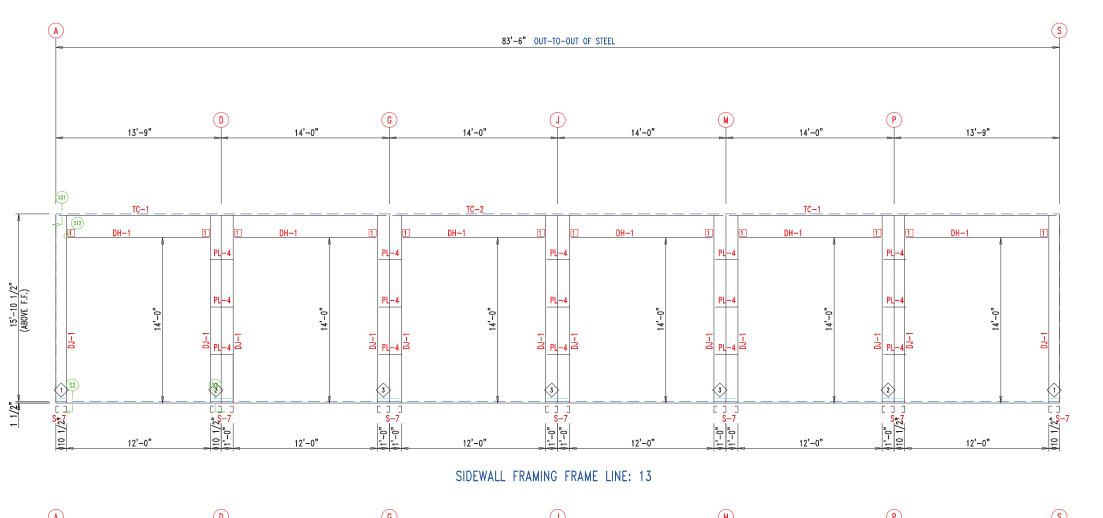
\Diamond ID	MARK	LENGTH
1	L3x3	20'-0"
2	PB6EC	20'-0"
3	PB6EC	SCRAP

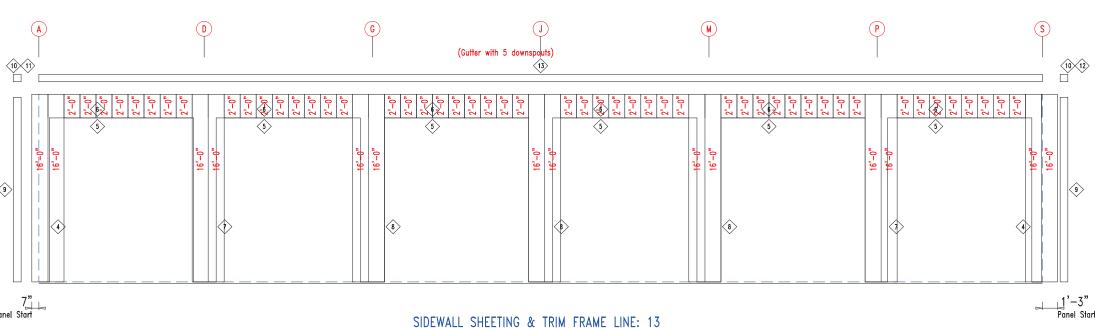
CONNECTION PLATES

DID MARK/PART
1 PBMC-6

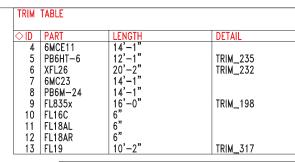
	PELLA
906 West	9th Street Pella, IA 50219

ENDWALL DRAWING									
CUSTOMER:	CUSTOMER: MEGA Storage PROJECT: Lee's Summit								
LOCATION:	LOCATION: LEE'S SUMMIT								
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET N	10.
JB		8/23/22	N.T.S.	00	16		5	OF	15





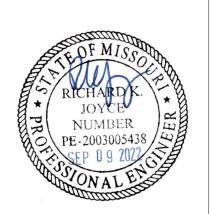
PANELS: 20 Ga. CP - NEED SIG 200



MEMBER TA	BLE	
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"
PL-4	2" Plate	20"

ANGLI	TABLE	
♦ID	MARK	LENGTH
1	PB6BC1	9 3/4"
2	PB6BC2	1'-9 3/4"
7	DDCDCO	4' 44 7/4"

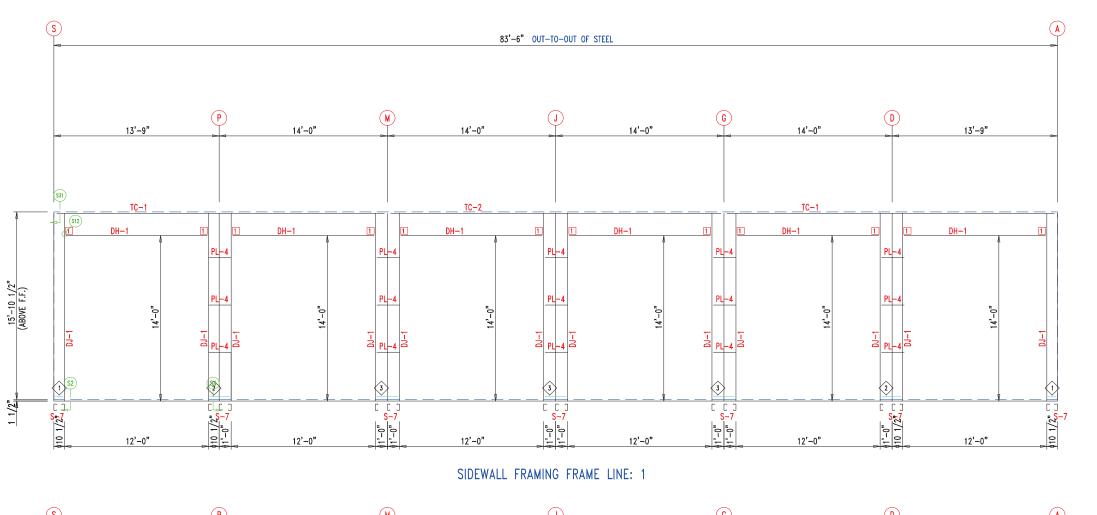
3 | PB6BC2 | 1'-11 3/4" CONNECTION PLATES ID MARK/PART
1 PBMC-6

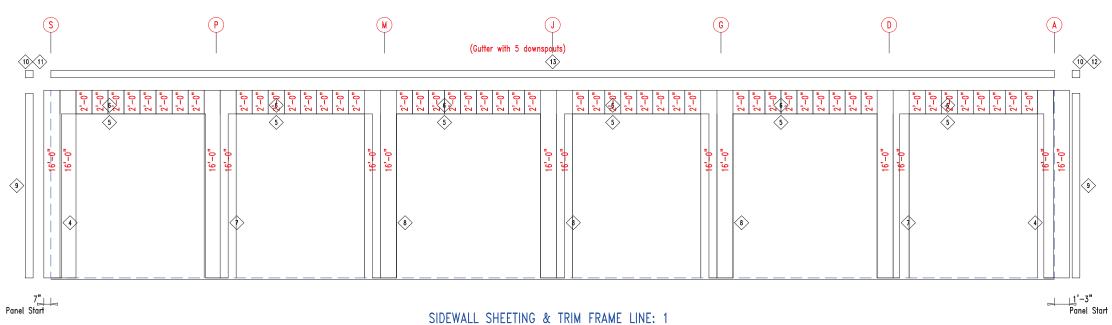


	DESCR
PELLA	
	CUSTO
BUILDING SYSTEMS	LOCAT
906 West 9th Street Pella, IA 50219	DRN. I

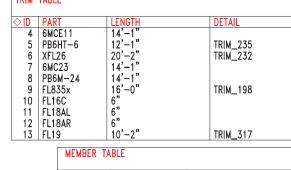
JB

	DESCRIPTIO	^{N:} SIDEW	'ALL DRAWIN	IG							
	CUSTOMER:	MEGA Sto	Lee's S	umn	nit						
LOCATION: LEE'S SUMMIT											
DRN. BY CK'D BY		CK'D BY	DATE	SCALE	REV.	QUOTATI	ON NO.		SHEET 1	NO.	_
	JB		8/23/22	N.T.S.	00	16		6	OF	15	





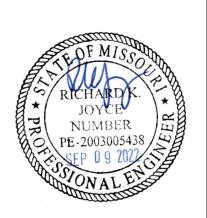
PANELS: 20 Ga. CP - NEED SIG 200



MEMBER TA	BLE	
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"
PL-4	2" Plate	20"

ANGLE	TABLE		
◇ID	MARK	LENGTH	_
1	PB6BC1	9 3/4"	_
2	PB6BC2	1'-9 3/4"	
3	PR6BC2	1'-11 3/4"	

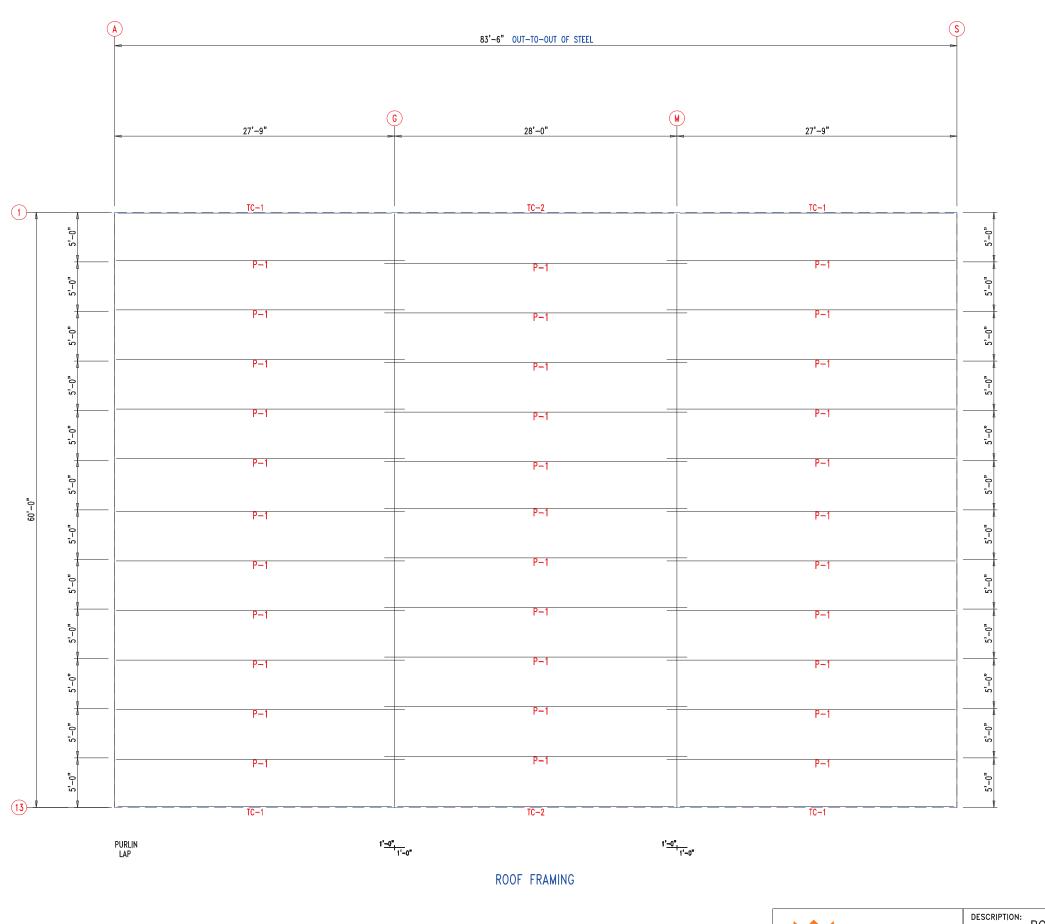
CONNECTION PLATES ID MARK/PART
1 PBMC-6

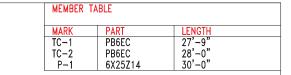


DRN.

JB

DESCRIPTION	N: SIDEW	ALL DRAWIN	IG							
	0,02,,	7.22 5.0.00								
CUSTOMER:	MEGA Sto	rage	PROJECT:	Lee's S	Sumn	nit				
LOCATION: LEE'S SUMMIT										
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ON NO.		SHEET	NO.	Т
JB		8/23/22	N.T.S.	00	16		7	OF	15	

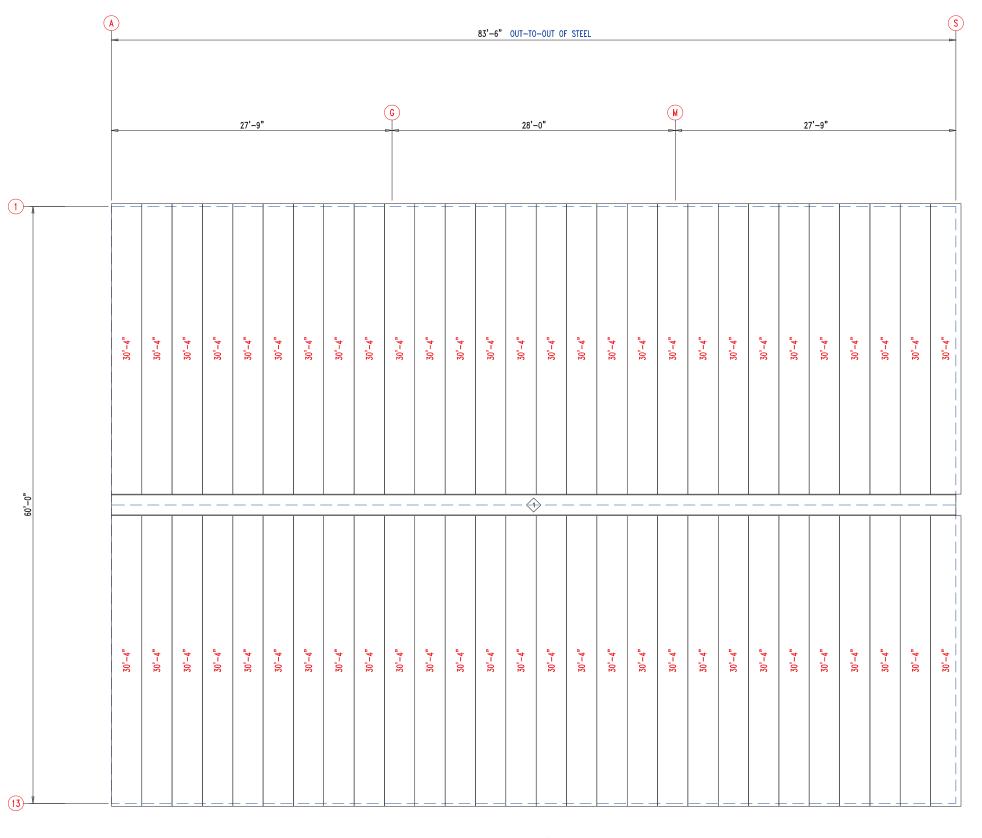








DESCRIPTIO	N: ROOF	FRAMING							
CUSTOMER:	MEGA Sto	rage	PROJECT:	Lee's S	Summ	nit			
LOCATION:	LEE'S S	UMMIT							
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET I	١0.
JB		8/23/22	N.T.S.	00	16		8	OF	15



 TRIM TABLE

 ◇ ID
 PART
 LENGTH
 DETAIL

 1
 FL49
 3'-0"
 TRIM_320

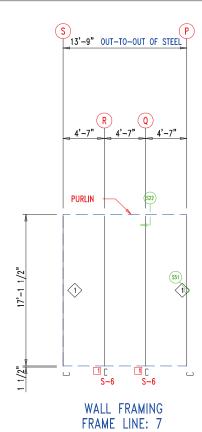


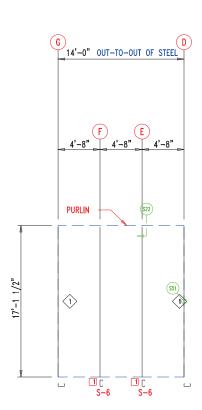
ROOF SHEETING & TRIM

PANELS: 26 Ga. PR — Galvalume+ w/ Drip Stop

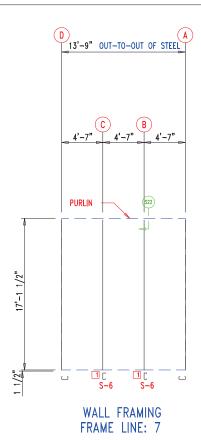


	DESCRIPTIO	N: ROOF	SHEETING							
	CUSTOMER:	MEGA Sto	rage	PROJECT:	Lee's S	umm	nit			
	LOCATION:	LEE'S S	UMMIT							
Γ	DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.
	JB		8/23/22	N.T.S.	00	16		9	OF	15





WALL FRAMING
FRAME LINE: 7 (Typ of 4)
GRID LINES: (D-P)





	13'-7"
,	13'-7"
	13'-7"
	13'-7"
	13'-7"
	13'-7"

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



PELLA

DESCRIPTION: PARTITION DRAWING									
CUSTOMER:	MEGA Sto	rage	PROJECT:	Lee's S	umm	it			
LOCATION: LEE'S SUMMIT									
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.
JB		8/23/22	N.T.S.	00	16		10	OF	15

MEMBER TABLE

PART 6X2C16

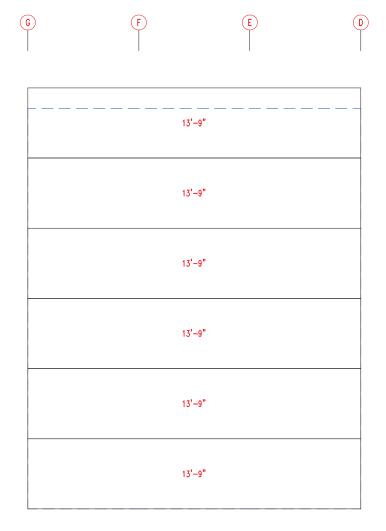
ANGLE TABLE

◇ ID MARK
1 STUD

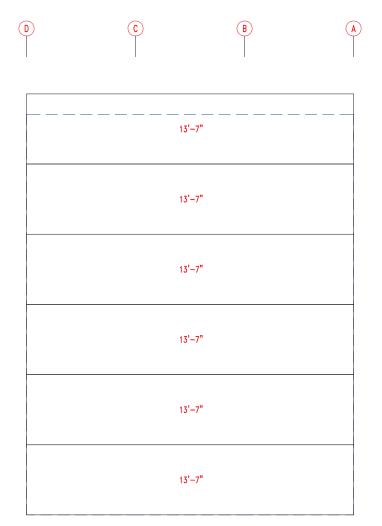
LENGTH 17'-1 1/2"

CONNECTION PLATES

ID MARK/PART
1 BASECLIP



WALL SHEETING & TRIM FRAME LINE: 7 (Typ of 4)
GRID LINES: (D-P)
PANELS: 29 Ga. PR - Galvalume +

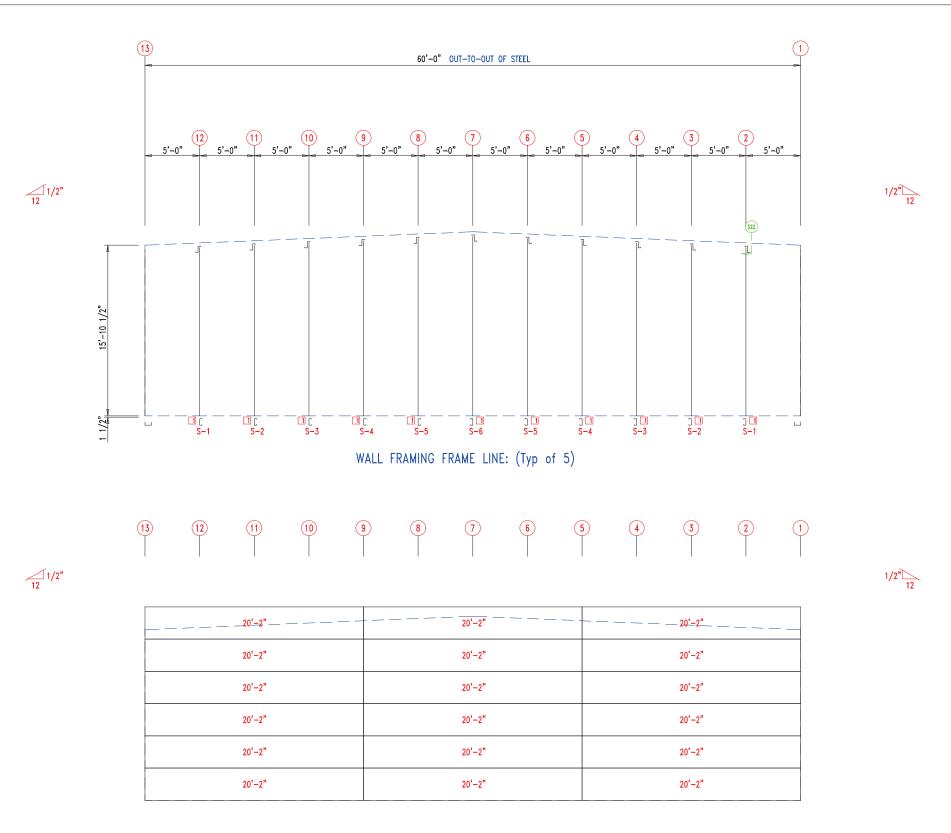


WALL SHEETING & TRIM FRAME LINE: 7
PANELS: 29 Ga. PR - Galvalume +





DESCRIPTIO	DESCRIPTION: PARTITION SHEETING									
CUSTOMER:	MEGA Sto	PROJECT:	Lee's S	Summ	it					
LOCATION:	LEE'S S									
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.	
JB		8/23/22	N.T.S.	00	16		11	OF	15	



WALL SHEETING & TRIM FRAME LINE: (Typ of 5)

PANELS: 29 Ga. PR - Galvalume +



CRIPTIO	N: PARTI	TION DRAWIN	١G							
TOMER:	MEGA Sto	orage			PROJECT:	Lee's S	Summ	it		
ATION:	LEE'S S	TIMMUT								
. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.	
		8/23/22	N.T.S.	00	16		12	OF	15	

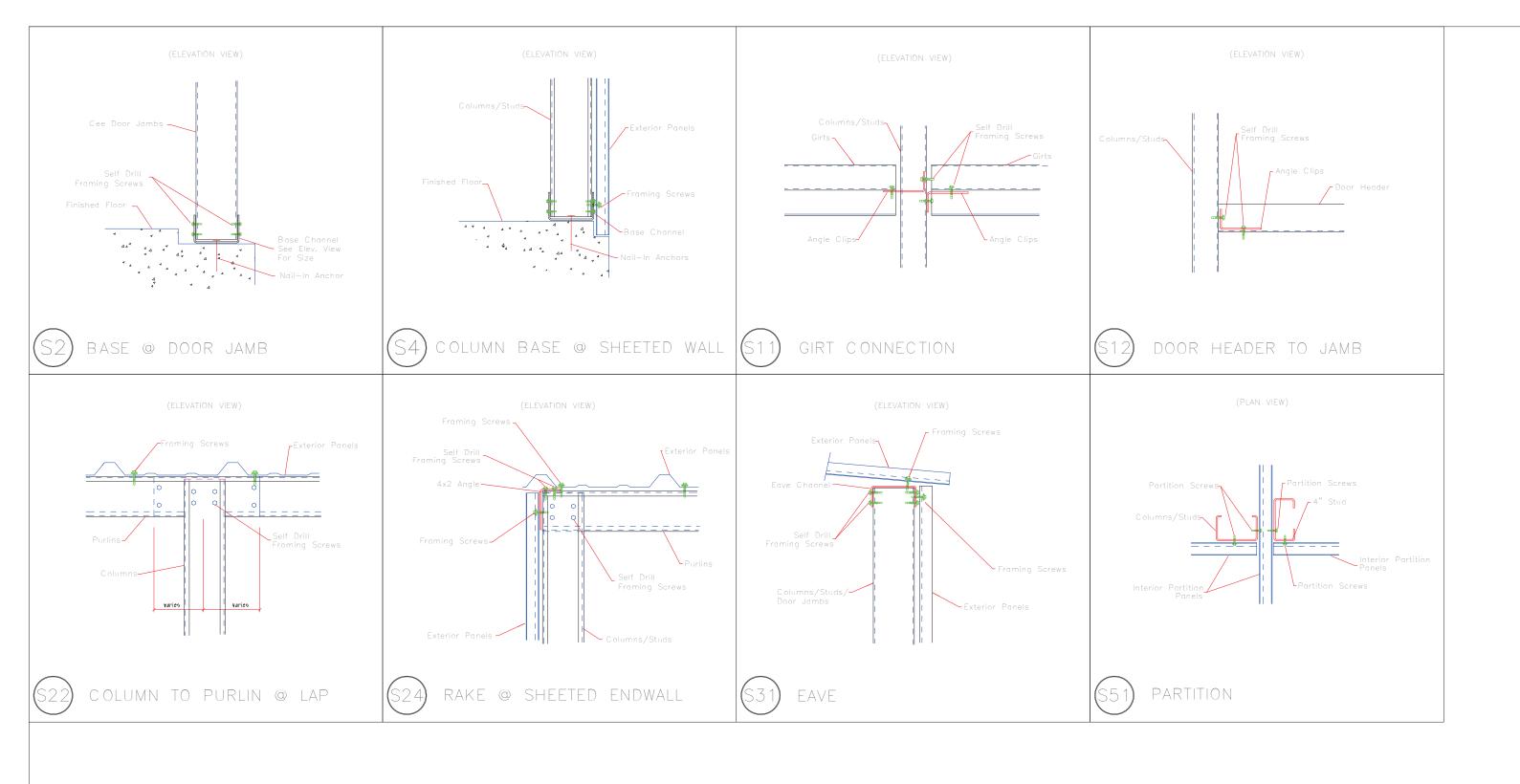
MEMBER TABLE

PART 6X2C16 6X2C16 6X2C16 6X2C16 6X2C16 6X2C16 LENGTH
16'-1"
16'-3 1/2"
16'-6"
16'-8 1/2"
16'-11"
17'-1 1/2"

CONNECTION PLATES

□ID MARK/PART
1 BASECLIP

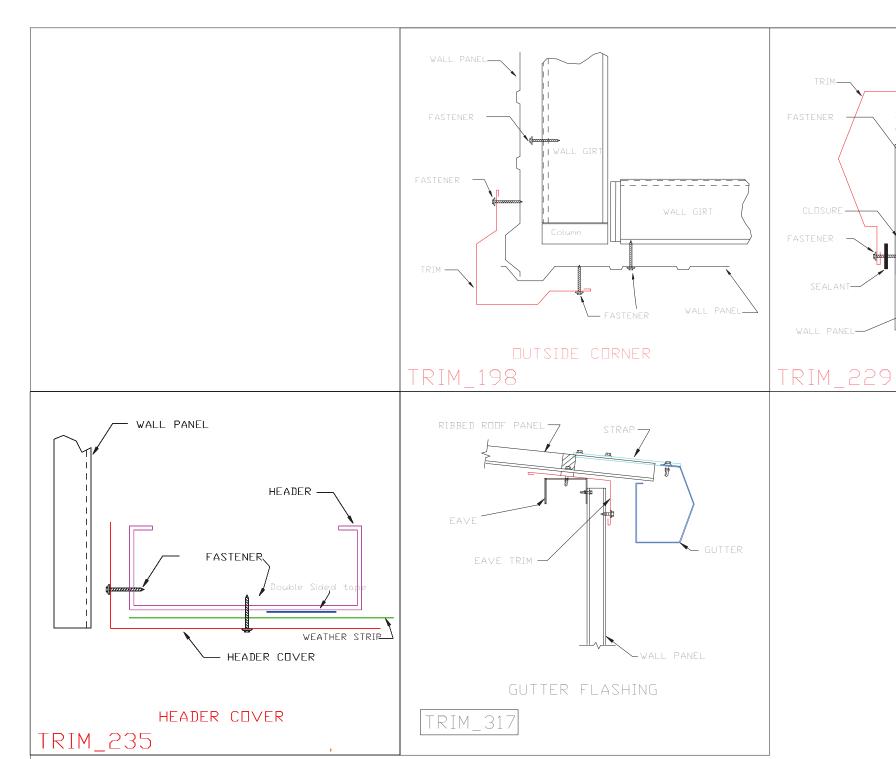
MARK S-1 S-2 S-3 S-4 S-5 S-6







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		4/25/22	N.T.S.	00	16	13 OF 15					







FASTENER —

SCRIPTION: DETAIL DRAWINGS										
STOMER:	MEGA Sto	rage	PROJECT: Lee's Summit							
CATION:	LEE'S S	LEE'S SUMMIT								
N. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.	
В		4/25/22	N.T.S.	00	16		14	OF	15	

HEADER -

- FASTENER

TRIM_232