

# BUILDING SYSTEMS

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

BUILDING LOADS /	DESCRIPTION:
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WALL SHEETING

WIDTH: 60 LENG (BUILDING DIMENSIONS AR	GTH: <u>83.5</u> F RE NOMINAL. REFER	— HEIGHT: <u>15.88 /15.88</u> TO PLANS).	SITE CLASS	<u>``</u>	<u>d</u>
THIS STRUCTURE IS DESIGNED AND APPLIED AS REQUIRE	GNED UTILIZING THE			<u>y category:                                    </u>	
THE CONTRACTOR IS TO WITH THE REQUIREMENTS	CONFIRM THAT THE			_	
ROOF DEAD LOAD:		DF PANELS & PURLINS)			
COLLATERAL LOAD:	0.5 PSF	SNOW EXPOSURE:	1.0000		
ROOF LIVE LOAD:		WIND EXPOSURE:	C		
ROOF SNOW LOAD:	_13.44_ PSF	INTERNAL PRESSURE CO	DEFF.:		
GROUND SNOW LOAD:	20 PSF	0.18 /	-0.18		
BASIC WIND SPEED:	103 MPH	SPECTRAL RESPONSE C	OEFF.	MAPPED SPECT	RAL 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	<u> </u>		
WIND LOAD 1.00	)	EXPANDED FORMUL	_A 0.667*	le*Fa*Ss*W/R	
SNOW LOAD 0.800	0	LONGITUDINAL	1.00		
SEISMIC LOAD 1.00		TRANSVERSE	0.98		

ksi MIN. ksi MIN. ksi MIN

ksi MIN.

ksi MIN. ksi MIN.

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:

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

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

THE CONTRACTOR MUST SECURE ALL REQUIRED APPROVALS AND PERMITS FROM THE 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"

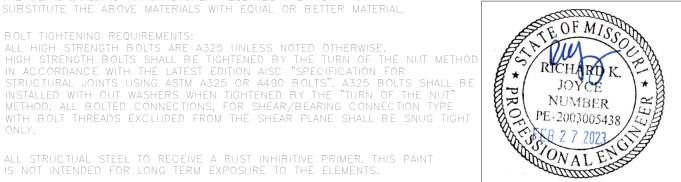
ALL BRACING AS SHOWN AND PROVIDED BY THE METAL BUILDING SYSTEM MANUFACTURER FOR THIS BUILDING IS REQUIRED AND SHALL BE INSTALLED BY THE ERECTOR AS A PERMANENT PART OF THE STRUCTURE.

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 LEGIBLE AND UNAMBIGUOUS. A SIGNATURE AND DATE IS REQUIRED ON ALL PAGES. MANUFACTURER RESERVES THE RIGHT TO RE-SUBMIT DRAWINGS WITH DRAWN WITH INDICATED CHANGES REPRESENTS THE TOTAL OF THE MATERIALS TO BE SUPPLIED BY MANUFACTURER. ANY CHANGES NOTED ON THE 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



<u> </u>	FOR CONSTRUCTION
<u> </u>	FOR APPROVAL
REV. DATE	REVISION

PURCHASER: MEGA Storage

Lee's Summit PROJECT:

JOB NUMBER: P

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

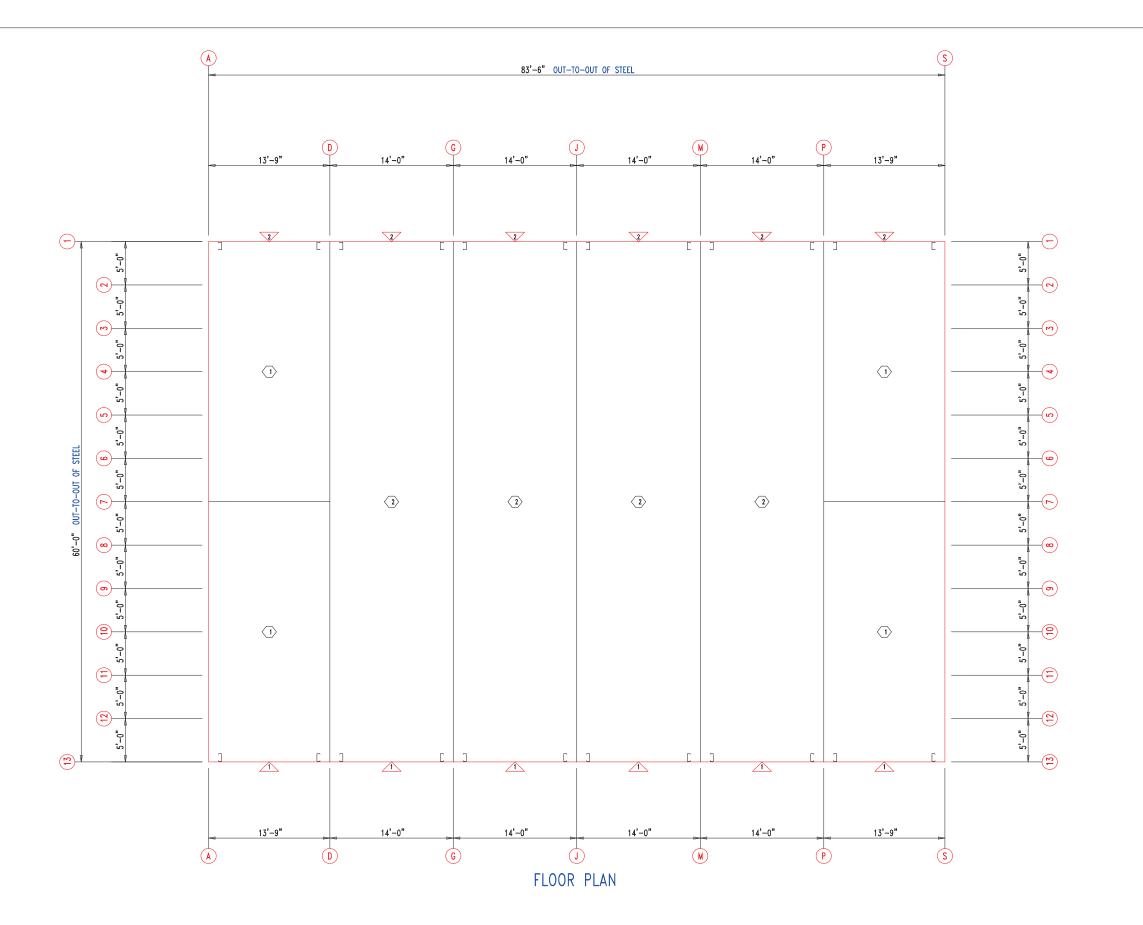
INSTALLED WITH OUT WASHERS WHEN TIGHTENED BY THE "TURN OF THE NUT"

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

Fy =

SUBSTITUTE THE ABOVE MATERIALS WITH EQUAL OR BETTER MATERIAL.

A307 & A325





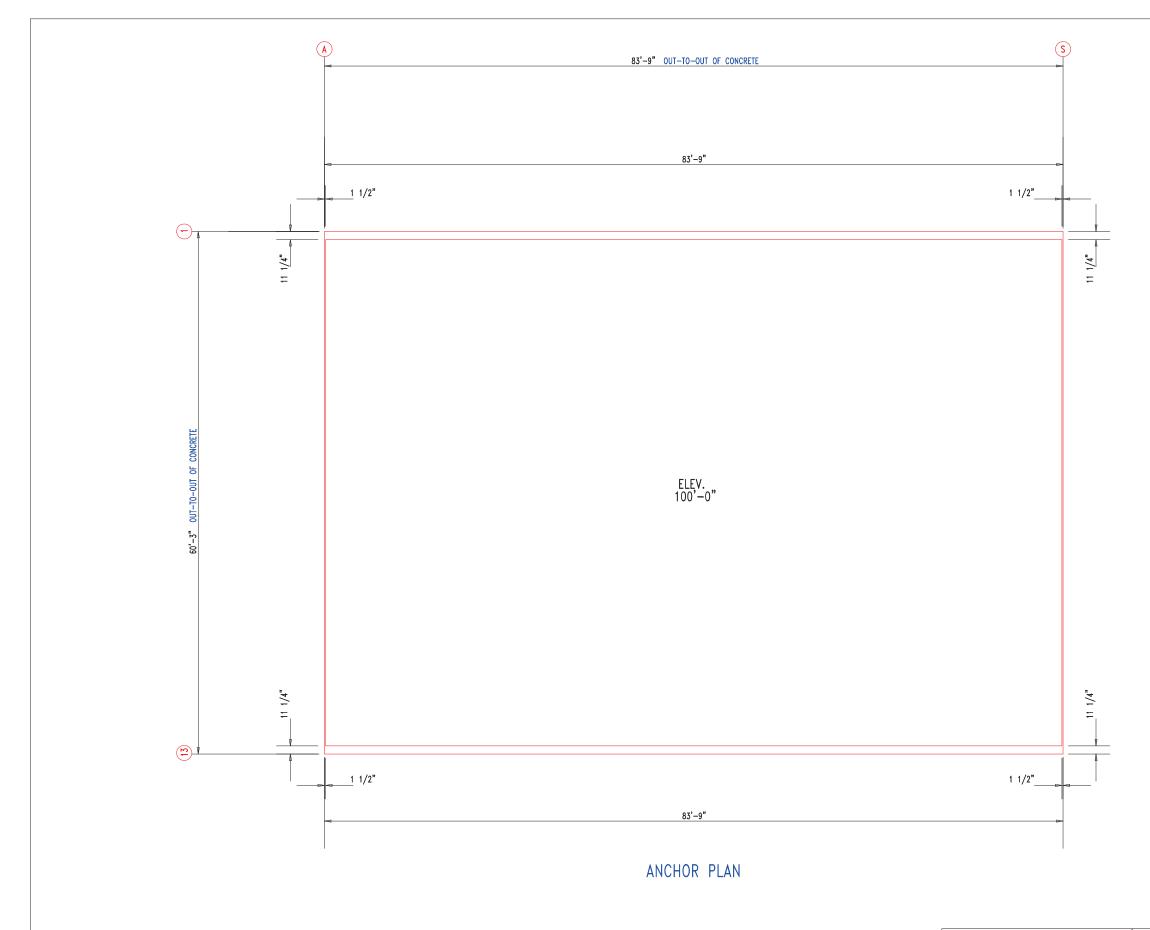
$\nabla$ ID	QUAN	DESCRIPTION	COLOR
1	6	Janus 1214 M1950 Rollup	
2	6	Janus 1214 M1950 Rollup	

COMPARTMENT TABLE						
○ ID	QUAN	WIDTH	LENGTH			
1	4	13'-9"	30'-0"			
2	4	14'-0"	60'-0"			



	DESCRIP
PELLA	
	CUSTOM
BUILDING SYSTEMS	LOCATIO
906 West 9th Street Pella, IA 50219	DRN. BY

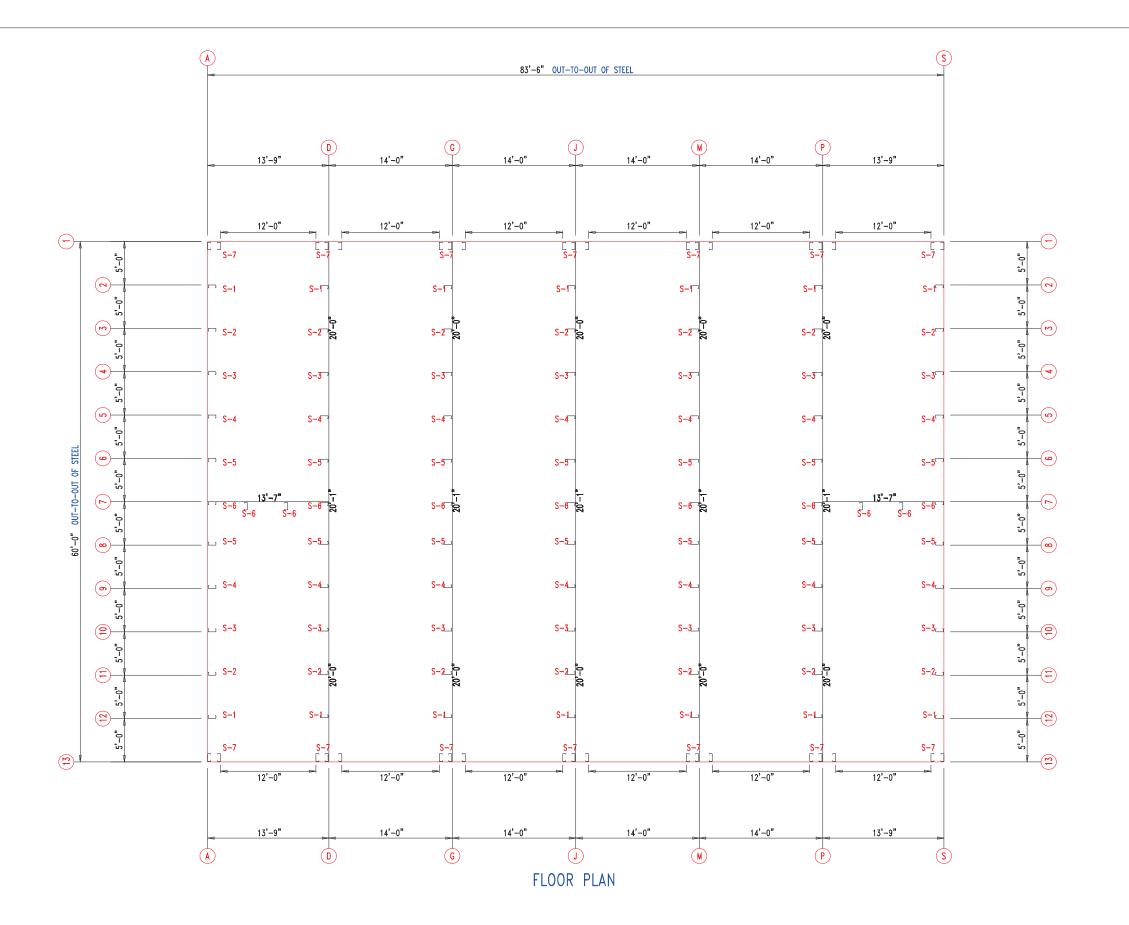
DESCRIPTIO	N: FLOOF	R PLAN				
CUSTOMER:	MEGA Sto	rage			PROJECT: Lee's S	Summit
LOCATION:	LEE'S S	UMMIT				
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATION NO.	SHEET NO.
JR		8/25/22	N.T.S.	00	P	1 OF 15







DESCRIPTIO	N: ANCH	OR PLAN							
CUSTOMER:	MEGA Sto	rage			PROJECT:	Lee's	Summ	nit	
LOCATION:	LEE'S S	UMMIT							
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET N	10.
JB		8/23/22	N.T.S.	00	Р		2	OF	15

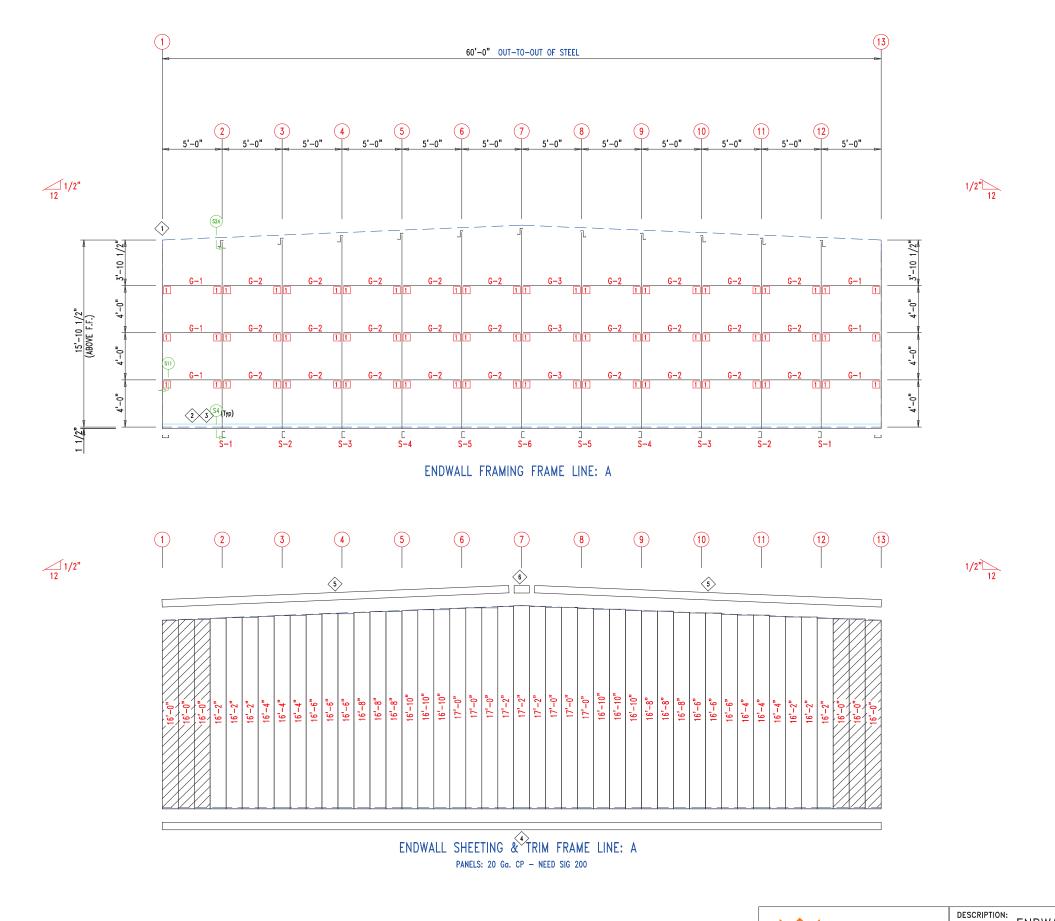


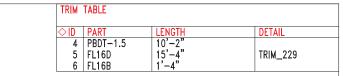
MEMBER TA	BLE	
MARK	DADT	LENCTH
MARN	PART	LENGTH
S-1	6X2C16	16'-1"
S-2	6X2C16	16'-3 1/2"
S-3	6X2C16	16'-6"
S-4	6X2C16	16'-8 1/2"
S-5	6X2C16	16'-11"
S-6	6X2C16	17'-1 1/2"
S-7	6X2C16	16'-0"



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

DESCRIPTIO	<sup>N:</sup> FLOOF	R PLAN					
CUSTOMER:	MEGA Sto	rage			PROJECT: Lee's	Summit	
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	P	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" <sup>′</sup>
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

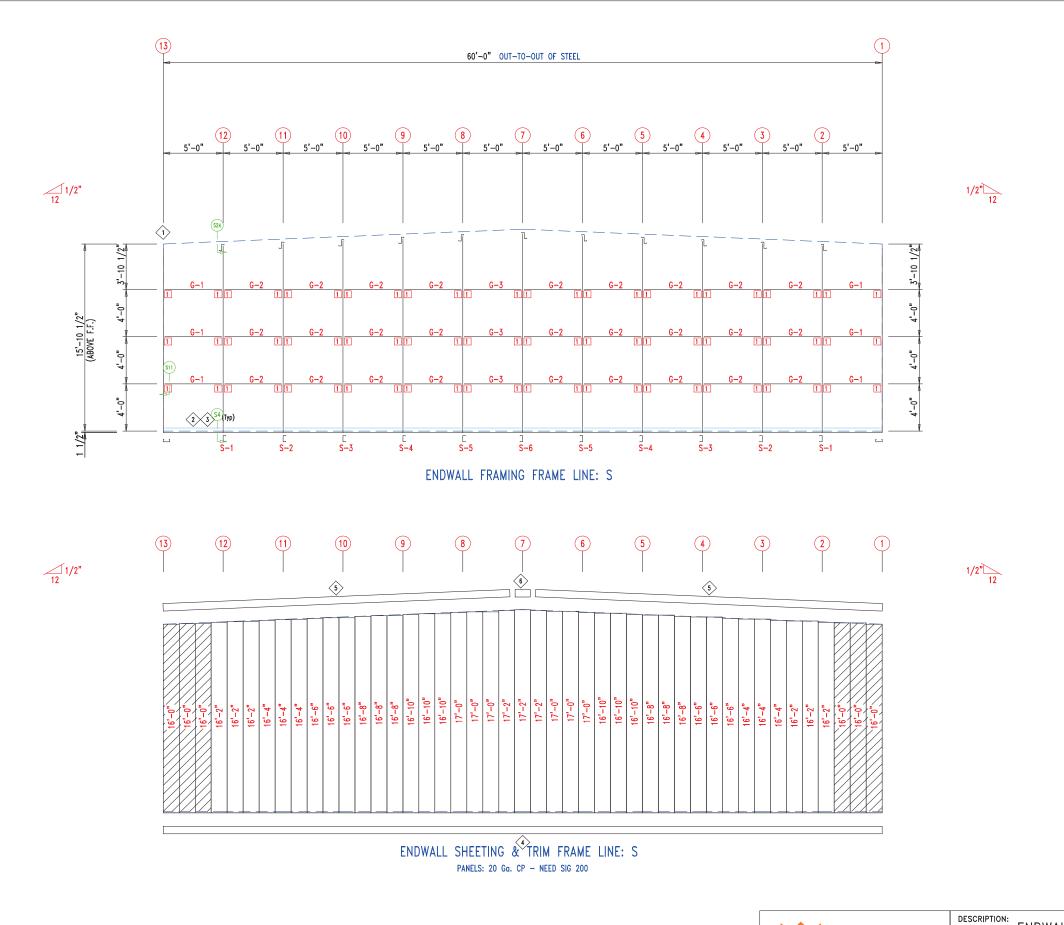
$\Diamond$ ID	MARK	LENGTH
1	L3x3	20'-0"
2	PB6EC	20'-0"
3	PB6EC	SCRAP

CONNECTION PLATES

DID MARK/PART
1 PBMC-6

	PELLA
906 West	9th Street Pella, IA 50219

	DESCRIPTIO	N: ENDW	ALL DRAWIN	G						
	CUSTOMER:	MEGA Sto	rage			PROJECT:	Lee's S	Summ	nit	
	LOCATION:	LEE'S S	UMMIT							
ı	DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.
	JB		8/23/22	N.T.S.	00	Р		4	OF	15

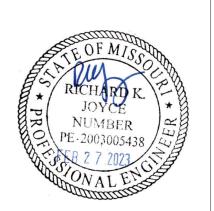


TRIM	TABLE		
♦ID	PART	LENGTH	DETAIL
4	PBDT-1.5	10'-2"	
5	FL16D	15'-4"	TRIM_229
6	FL16B	1'-4"	

MEMBER TA	ABLE	
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"

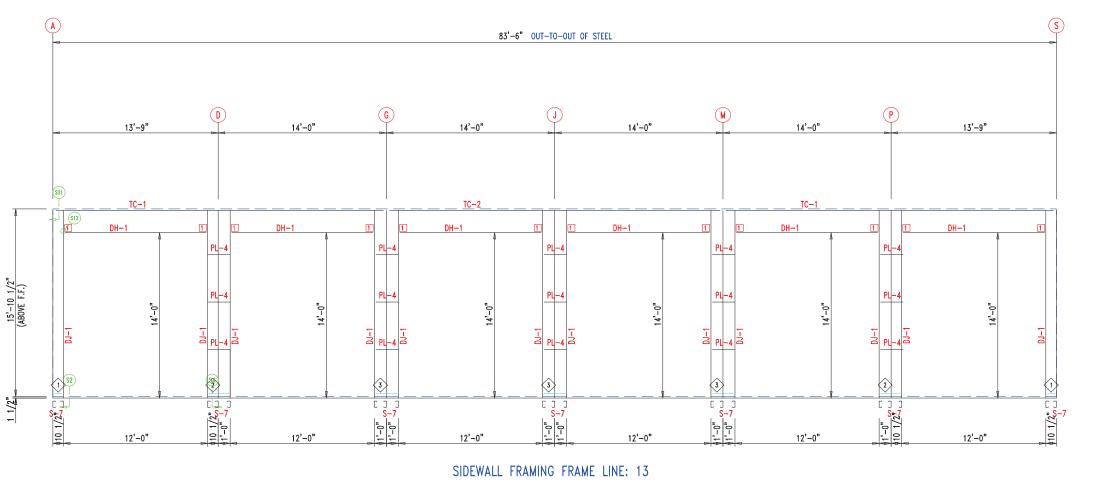
ANGLI	TABLE	
$\Diamond$ ID	MARK	LENGTH
1	L3x3	20'-0"
2	PB6EC	20'-0"
3	PB6EC	SCRAP

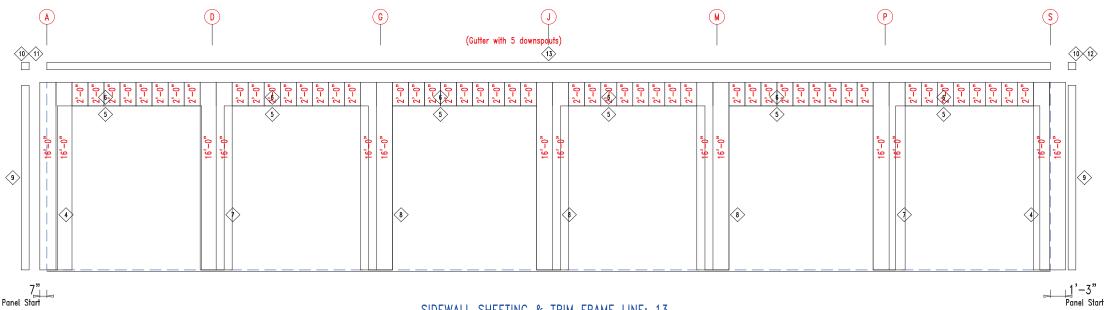
CONN	ECTION PLATES
□ID	MARK/PART
1	PBMC-6



	PELLA
906 West	9th Street Pella, IA 50219

DESCRIPTIO	n: ENDW	ALL DRAWIN	G							
CUSTOMER:	MEGA Sto	rage			PROJECT:	Lee's S	Sumn	nit		
LOCATION:	LEE'S S	UMMIT								
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET N	10.	
JB		8/23/22	NTS	00	P		5	OF	15	





SIDEWALL SHEETING & TRIM FRAME LINE: 13

PANELS: 20 Ga. CP - NEED SIG 200

PART	LENGTH	DETAIL
6MCE11	14'-1"	
PB6HT-6	12'-1"	TRIM_235
XFL26	20'-2"	TRIM_232
6MC23	14'-1"	
PB6M-24	14'-1"	
FL835x	16'-0"	TRIM_198
FL16C	6"	
FL18AL	6"	
FL18AR	6"	
FL19	10'-2"	TRIM_317
		· <del>-</del>
MEMBE	R TABLE	
	6MCE11 PB6HT-6 XFL26 6MC23 PB6M-24 FL835x FL16C FL18AL FL18AR FL19	6MCE11 14'-1" PB6HT-6 12'-1" XFL26 20'-2" 6MC23 14'-1" PB6M-24 14'-1" FL835x 16'-0" FL16C 6" FL18AL 6" FL18AR 6"

MEMBER T	ABLE	
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	PB6BC2	1'-11 3/4"

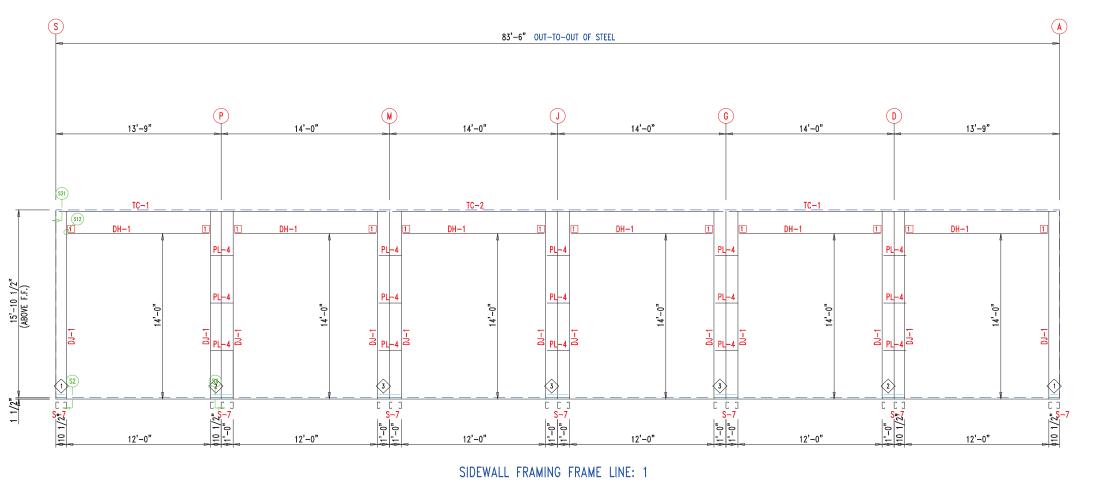
CONNECTION PLATES

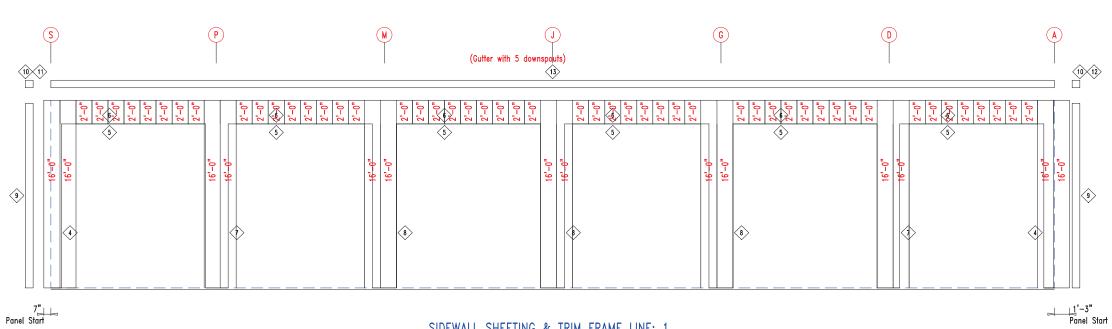
DID MARK/PART
1 PBMC-6



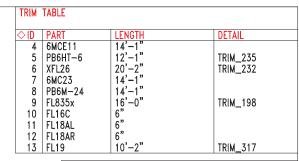
	PFIIA
	BUILDING SYSTEMS
906 West	9th Street Pella, IA 50219

DESCRIPTION: SIDEWALL DRAWING						
CUSTOMER:	MEGA Sto	orage			PROJECT: Lee's S	Summit
LOCATION:	LEE'S S	UMMIT				
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATION NO.	SHEET NO.
JB		8/23/22	NTS	00	P	6 OF 15





SIDEWALL SHEETING & TRIM FRAME LINE: 1 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	PB6BC2	1'-11 3/4"

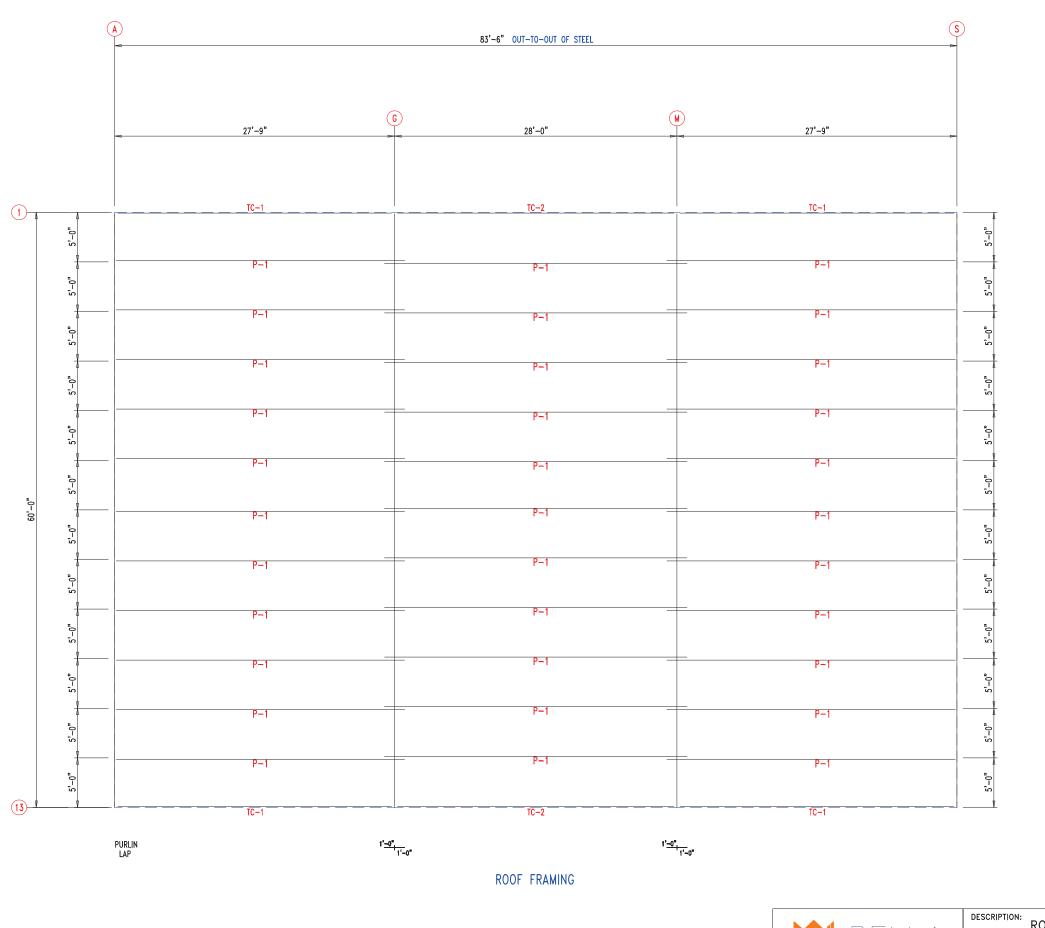
CONNECTION PLATES ID MARK/PART
1 PBMC-6

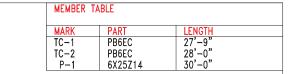


PFIIA
BUILDING SYSTEMS
9th Street Pella, IA 50219

JB

DESCRIPTIO	N: SIDEW	ALL DRAWIN	١G			
CUSTOMER:	MEGA Sto	rage			PROJECT: Lee's	Summit
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	P	7 OF 15



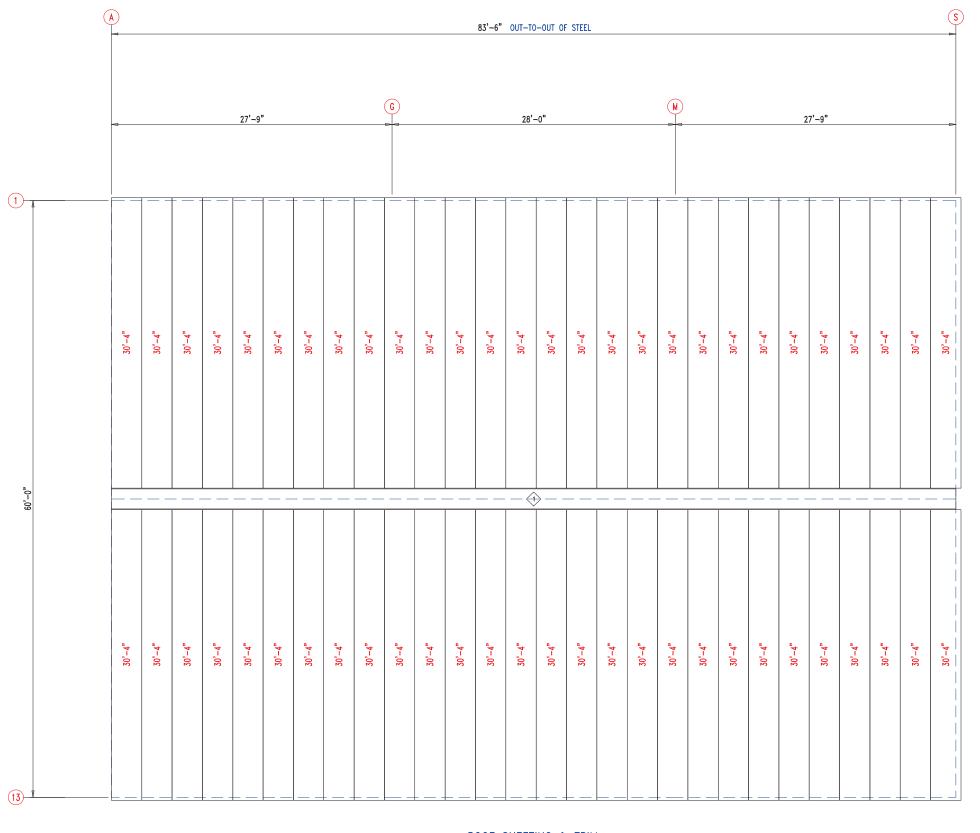






JB

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.	QUOTATIO	N NO.		SHEET N	0.	
JB		8/23/22	N.T.S.	00	P		8	OF	15	



 TRIM TABLE

 ◇ ID
 PART
 LENGTH
 DETAIL

 1
 FL49
 3³-0"
 TRIM\_320

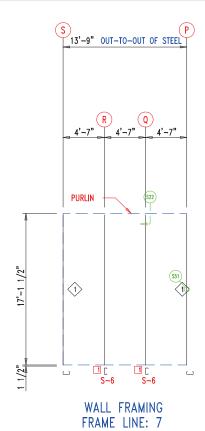


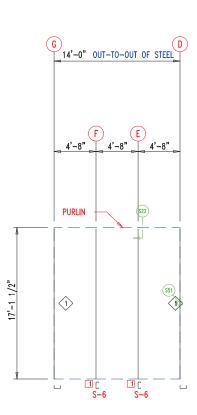
ROOF SHEETING & TRIM

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

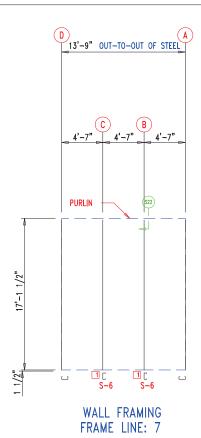


DESCRIPTIO	N: ROOF	SHEETING				
CUSTOMER:	MEGA Sto	orage			PROJECT: Lee's S	Summit
LOCATION:	LOCATION: LEE'S SUMMIT					
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATION NO.	SHEET NO.
JB		8/23/22	N.T.S.	00	P	9 OF 15





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 Storage						PROJECT: Lee's Summit				
LOCATION: LEE'S SUMMIT											
ı	DRN. BY	CK'D BY DATE SCALE REV. QUOTATION NO.			SHEET NO.						
ı	JB		8/23/22	N.T.S.	00	Р		10	OF	15	

MEMBER TABLE

PART 6X2C16

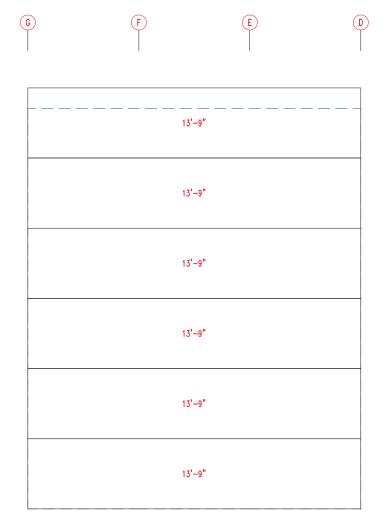
ANGLE TABLE

◇ ID MARK
1 STUD

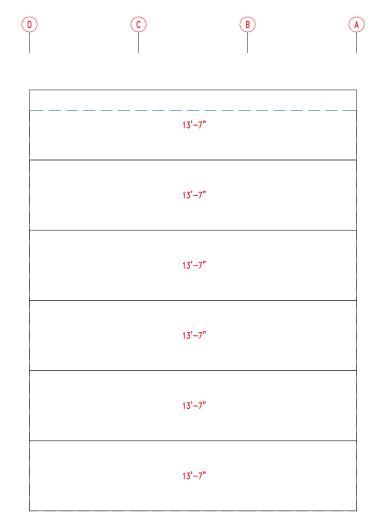
LENGTH 17'-1 1/2"

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 +

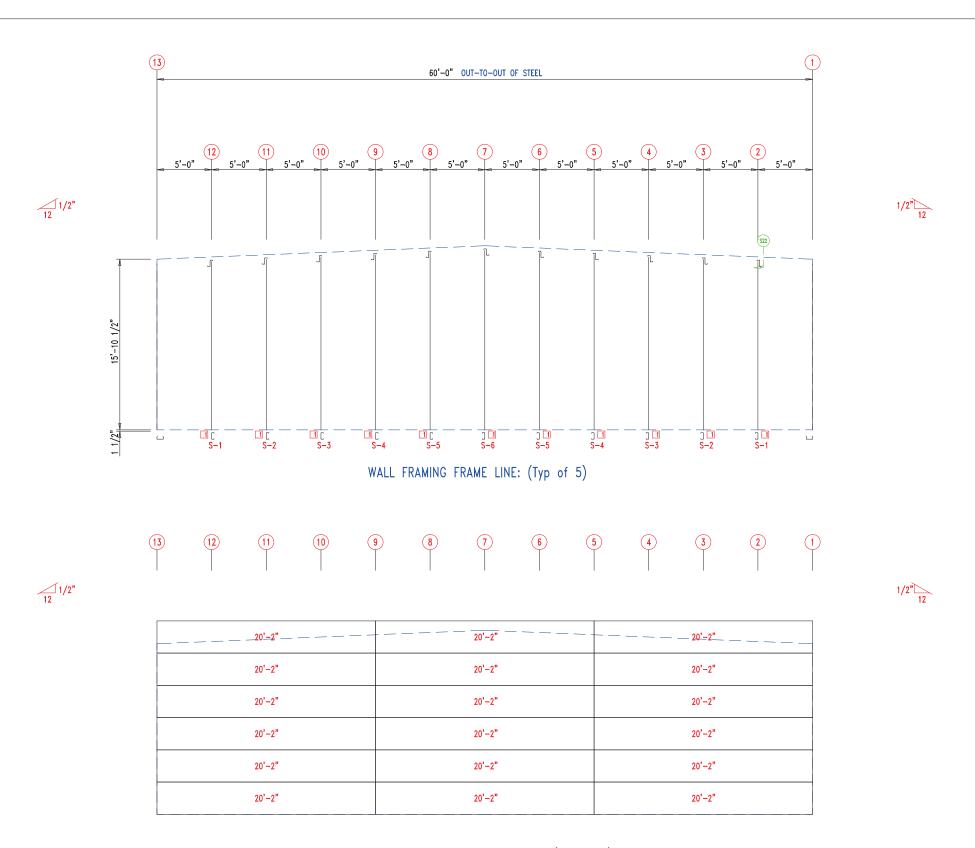


WALL SHEETING & TRIM FRAME LINE: 7
PANELS: 29 Ga. PR - Galvalume +





	PARTITION SHEETING								
CUSTOMER: MEGA Storage						PROJECT: Lee's Summit			
	LOCATION:	LEE'S S	UMMIT						
Г	DRN. BY CK'D BY DATE SCALE REV.			QUOTATION NO.	SHEET NO.				
	JB		8/23/22	N.T.S.	00	Р	11 OF 15		



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

PANELS: 29 Ga. PR - Galvalume +



CRIPTIO	PARTITION DRAWING									
STOMER:	MEGA Sto	rage	PROJECT: Lee's Summit							
ATION: LEE'S SUMMIT										
I. BY	CK'D BY DATE SCALE REV			REV.	QUOTATION NO.	SHEET NO.				
3	8/23/22 N.T.S. 00		00	P	12 OF 15					

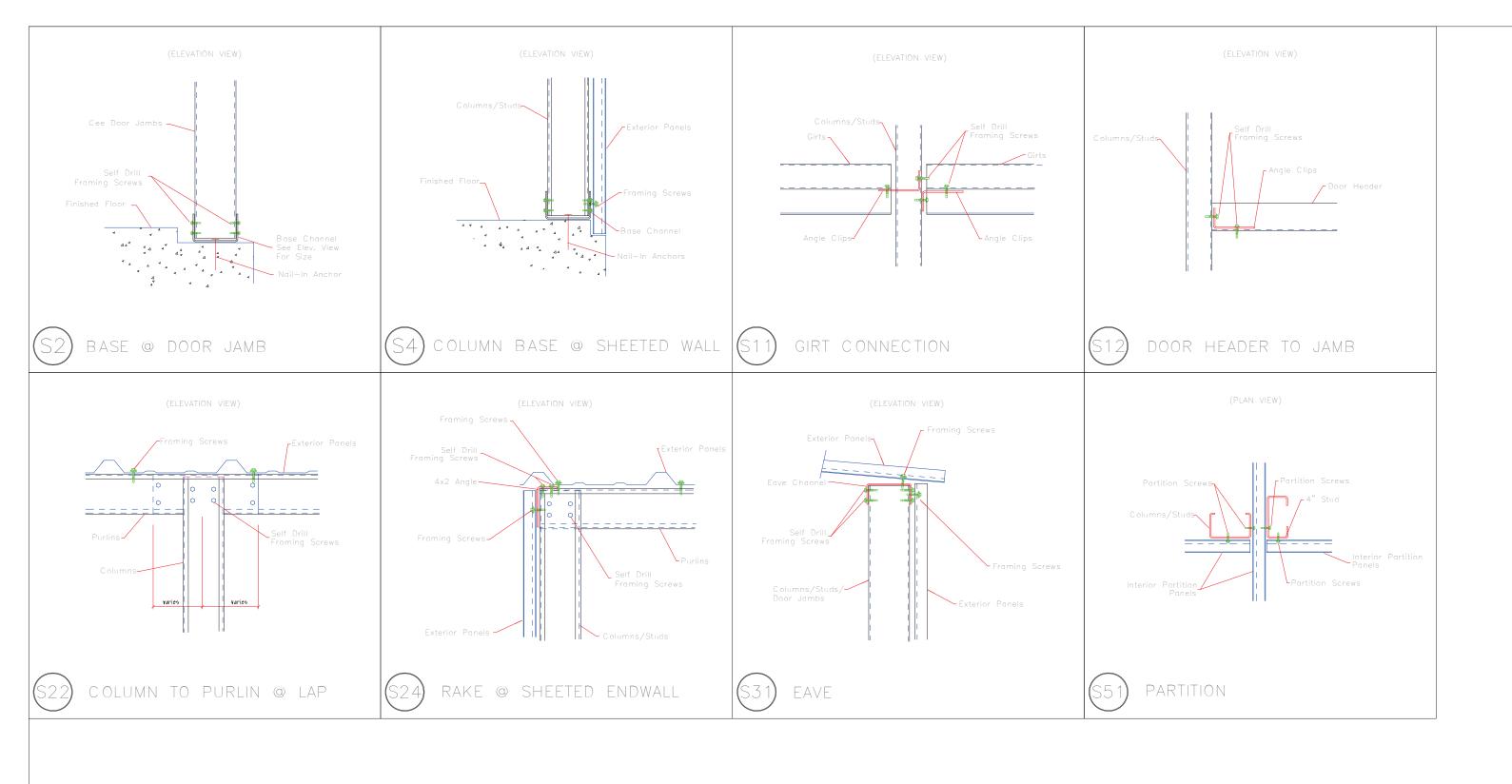
MEMBER TABLE

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

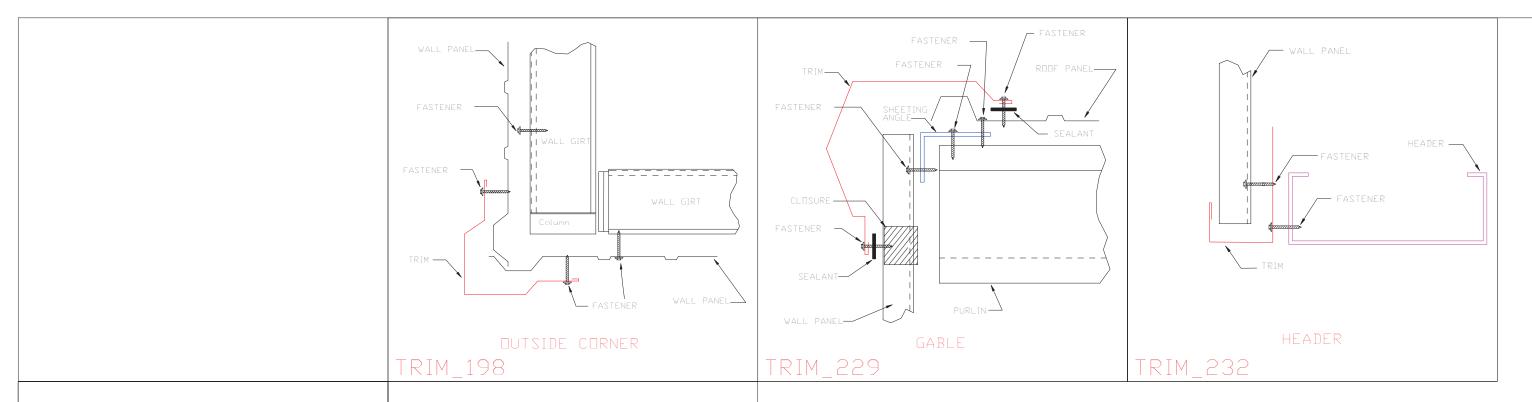
MARK S-1 S-2 S-3 S-4 S-5 S-6

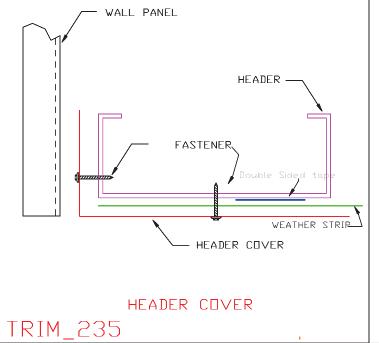


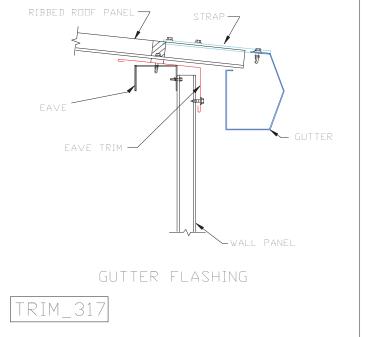




DETAIL DRAWINGS									
CUSTOMER: MEGA Storage					PROJECT: Lee's Summit				
LOCATION: LEE'S SUMMIT									
DRN. BY	ORN. BY CK'D BY DATE			REV.	QUOTATION NO.	SHEET NO.			
JB		4/25/22	N.T.S.	00	P	13 OF 15			









DESCRIPTIO	DETAIL DRAWINGS										
CUSTOMER:	CUSTOMER: MEGA Storage						PROJECT: Lee's Summit				
LOCATION:											
DRN. BY	DRN. BY CK'D BY DATE			REV.	QUOTAT	SHEET NO.					
JB		4/25/22	N.T.S.	00	P		14	OF	15		