

PELLA

BUILDING SYSTEMS

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

BUILDING LOADS /	DESCRIPTION:
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WIDTH: 50 LENG (BUILDING DIMENSIONS ARE	TH: 100 HE NOMINAL. REFER	- Eight: <u>14.79 /16.88</u> To plans).	SITE CLASS	-	<u>d</u>
			OCCUPANC)	CATEGORY:	<u> </u>
THIS STRUCTURE IS DESIGN AND APPLIED AS REQUIRED			SEISMIC DE	SIGN CATEGORY:	<u>B</u>
THE CONTRACTOR IS TO C WITH THE REQUIREMENTS C					
ROOF DEAD LOAD:		F PANELS & PURLINS)			
COLLATERAL LOAD:	<u>0.5</u> PSF	SNOW EXPOSURE:	1.0000		
ROOF LIVE LOAD:	20.00 PSF	WIND EXPOSURE:	C		
ROOF SNOW LOAD:	13.44 PSF	INTERNAL PRESSURE COE	<u> </u>		
GROUND SNOW LOAD:			-0.18		
BASIC WIND SPEED:	103 MPH	SPECTRAL RESPONSE CO	EFF.	MAPPED SPECT	TRAL 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 <u>1.00</u>		EXPANDED FORMULA	0.667*1	e*Fa*Ss*W/R	
SNOW LOAD 0.8000)	LONGITUDINAL	0.91		
SEISMIC LOAD <u>1.00</u>		TRANSVERSE	0.91		

ksi MIN.

ksi MIN. ksi MIN

ksi MIN.

ksi MIN. ksi MIN.

DEFLECTION LIMTS:

ROOF PANELS

WALL PANELS:

TRIM COLORS

LINER TRIM:

EW COL:	180
FW RAF LIVE:	180
FW RAF WIND:	180
WALL GIRT:	90
WALL GIRT.	
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 Galvalume+ w/ Drip 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 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

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

SUBSTITUTE THE ABOVE MATERIALS WITH EQUAL OR BETTER MATERIAL.	
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.	RICHARDK. JOYCE NUMBER PE-2003005438
ALL STRUCTUAL STEEL TO RECEIVE A RUST INHIBITIVE PRIMER. THIS PAINT IS NOT INTENDED FOR LONG TERM EXPOSURE TO THE ELEMENTS.	STONAL EXPLORATION OF THE PROPERTY OF THE PROP

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

PURCHASER: MEGA Storage

JOB NUMBER: 7

Fy =

Fy =

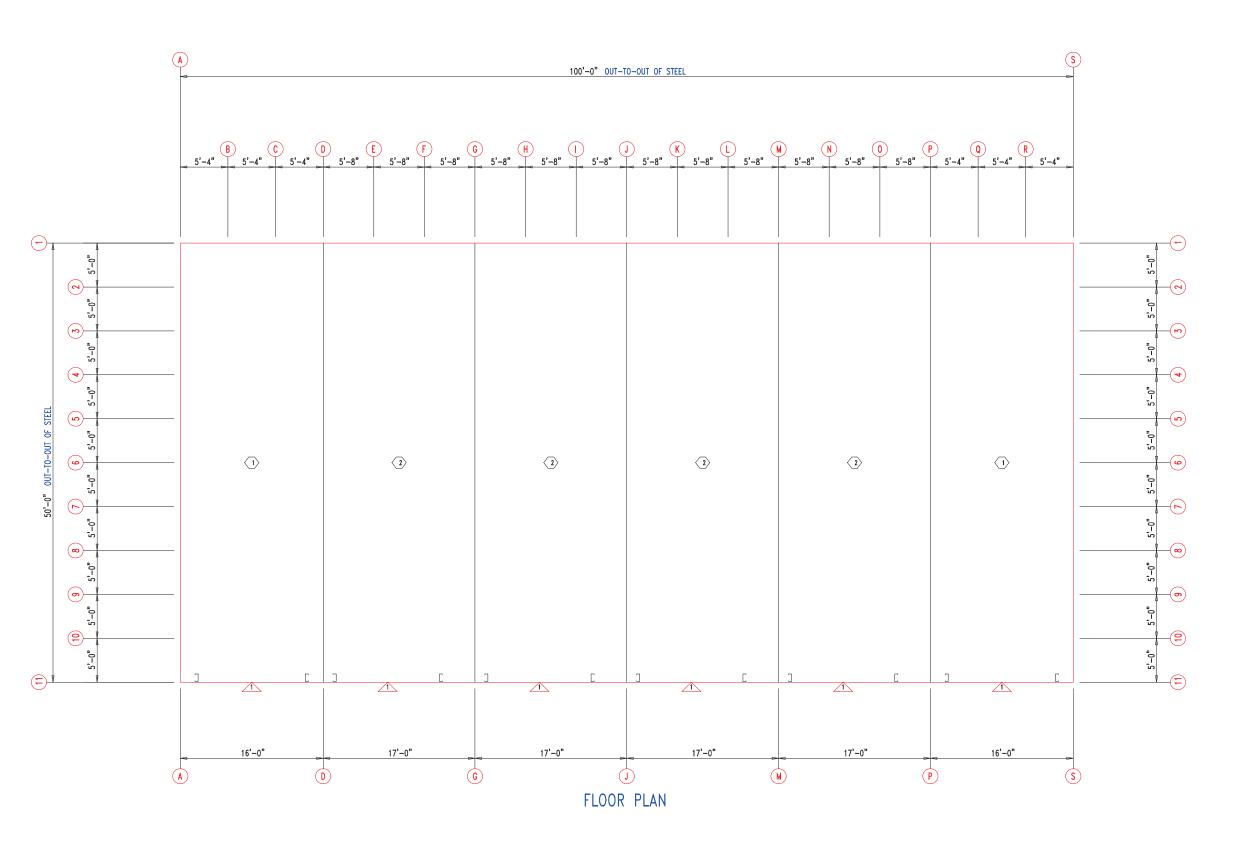
Fy =

Fy =

A307 & A325

WALL SHEETING

LEES SUMMIT PROJECT:



DOOR SCHEDULE

 ▼ ID
 QUAN
 DESCRIPTION
 COLOR

 1
 6
 Janus 1214 M1950 Rollup
 Silhouette Gray

COMPARTMENT TABLE

○ ID QUAN WIDTH LENGTH

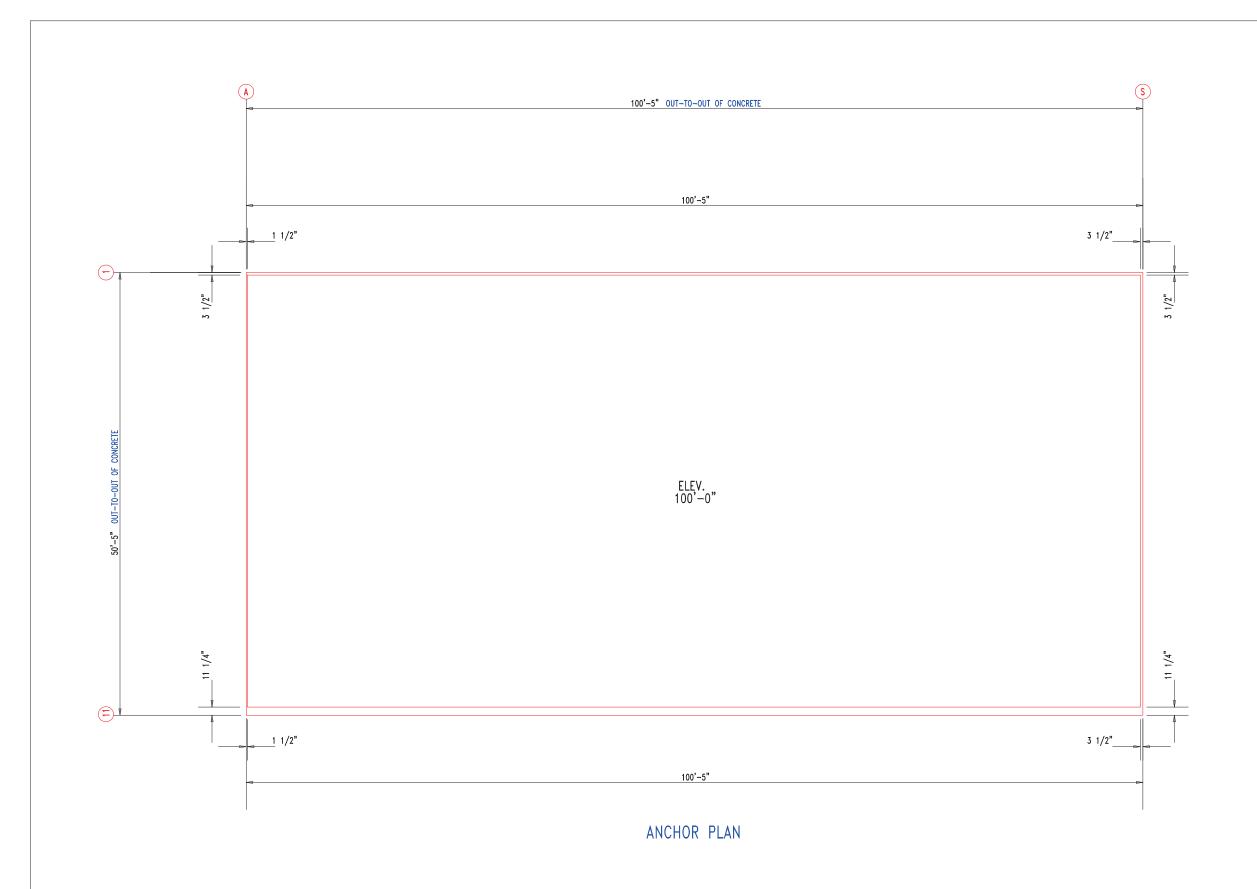
1 2 16'-0" 50'-0"

2 4 17'-0" 50'-0"



	PELLA BUILDING SYSTEMS
906 V	est 9th Street Pella, IA 50219

DESCRIPTION: FLOOR PLAN									
CUSTOMER:	MEGA Sto	rage			PROJECT:	LEES S	UMM	Τ	
LOCATION: LEE'S SUMMIT MO									
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.
JB		8/26/22	N.T.S.	00	7		1	OF	13

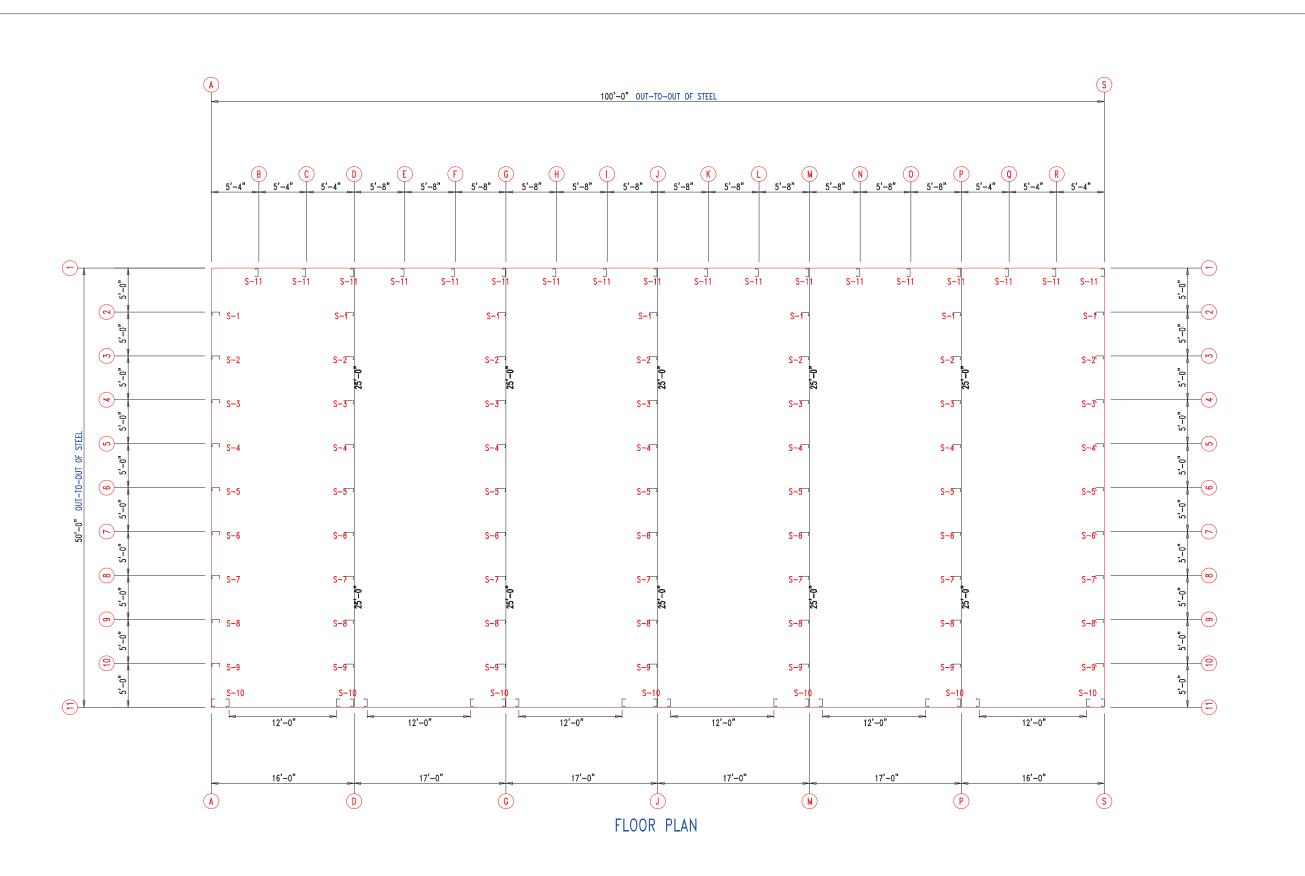


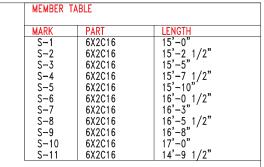


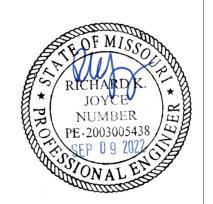


906 West 9th Street Pella, IA 50219 (800) 225-0481 www.pellabuildings.com

DESCRIPTIO	ANCH	OR PLAN						
CUSTOMER:	MEGA Sto	rage			PROJECT: LEES	SUMM	IT	
LOCATION:	LEE'S S	UMMIT MO						
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATION NO.		SHEET	NO.
JB		8/26/22	N.T.S.	00	7	2	OF	13

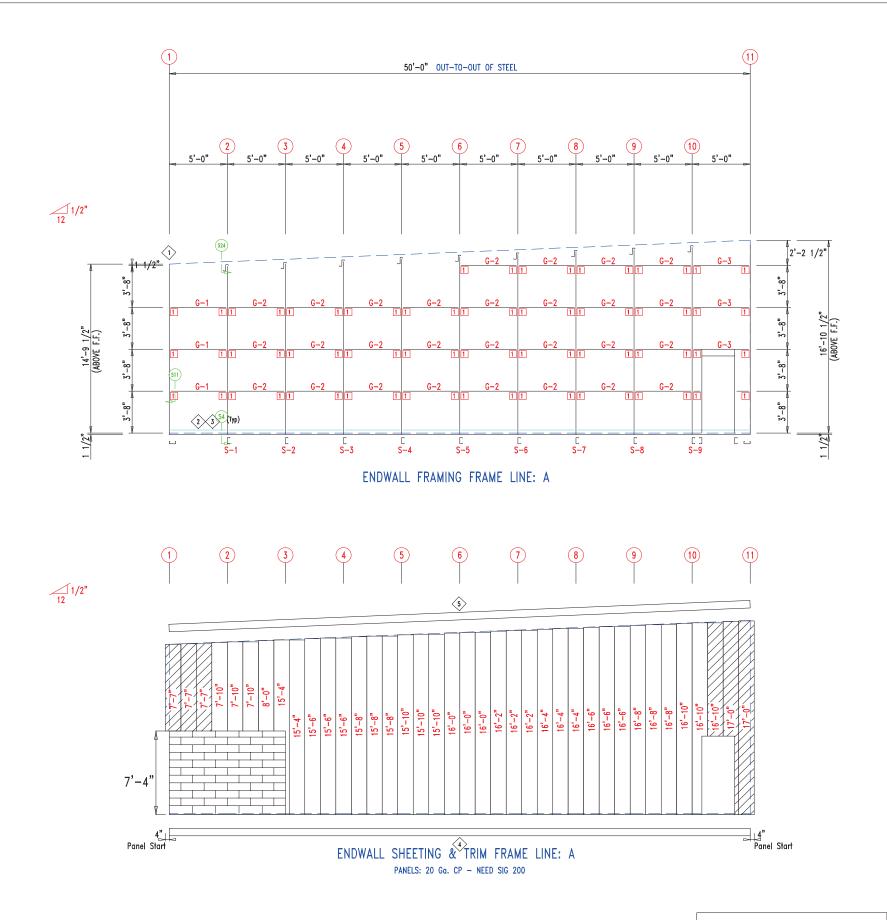






PFIIA
BUILDING SYSTEMS

	DESCRIPTION: FLOOR PLAN						
	FLOOR FLAN						
	CUSTOMER:	MEGA Sto	rage			PROJECT: LEES S	SUMMIT
LOCATION: LEE'S SUMMIT MO							
ı	DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATION NO.	SHEET NO.
ı	JB		8/26/22	N.T.S.	00	7	3 OF 13



TRIM TABLE ◆ ID PART

4 PBDT-1.5

5 FL16D TRIM_229

MEMBER TABLE

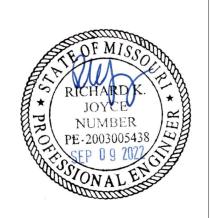
MARK	PART	LENGTH
S-1	6X2C16	15'-0"
S-2	6X2C16	15'-2 1/2"
S-3	6X2C16	15'-5"
S-4	6X2C16	15'-7 1/2"
S-5	6X2C16	15'-10"
S-6	6X2C16	16'-0 1/2"
S-7	6X2C16	16'-3"
S-8	6X2C16	16'-5 1/2"
S-9	6X2C16	16'-8"
G-1	6X2C16	4'-5 3/4"
G-2	6X2C16	4'-9 1/2"
G-3	6X2C16	4'-3 3/4"

ANGLE TABLE

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

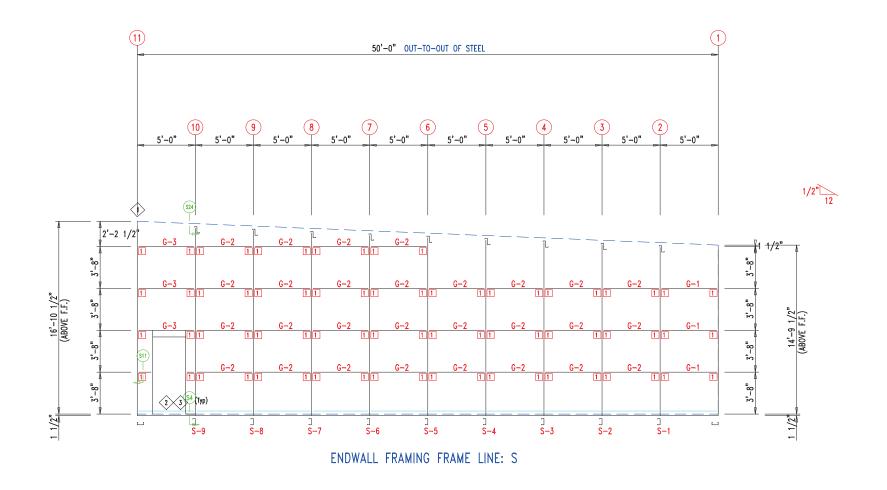
CONNECTION PLATES

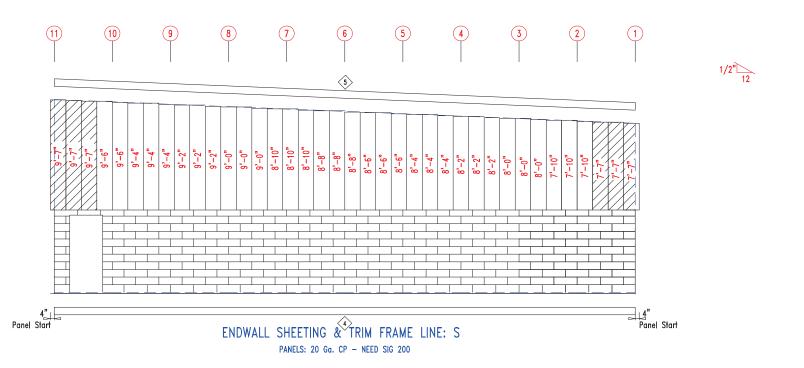
	MARK/PART
1	PBMC-6

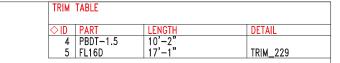


	PELLA
906 West	9th Street Pella, IA 50219

DESCRIPTIO	N: ENDW	ALL DRAWIN	G							
CUSTOMER:	MEGA Sto	rage			PROJECT:	LEES S	UMMI	IT		
LOCATION:	LEE'S S	UMMIT MO								
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.	
JB		8/26/22	N.T.S.	00	7		4	OF	13	



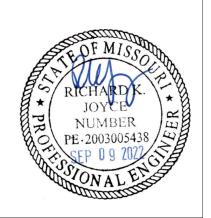




MEMBER T	ABLE	
MARK	PART	LENGTH
S-1	6X2C16	15'-0"
S-2	6X2C16	15'-2 1/2"
S-3	6X2C16	15'-5"
S-4	6X2C16	15'-7 1/2"
S-5	6X2C16	15'-10"
S-6	6X2C16	16'-0 1/2"
S-7	6X2C16	16'-3"
S-8	6X2C16	16'-5 1/2"
S-9	6X2C16	16'-8"
G-1	6X2C16	4'-5 3/4"
G-2	6X2C16	4'-9 1/2"
G-3	6X2C16	4'-3 3/4"

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

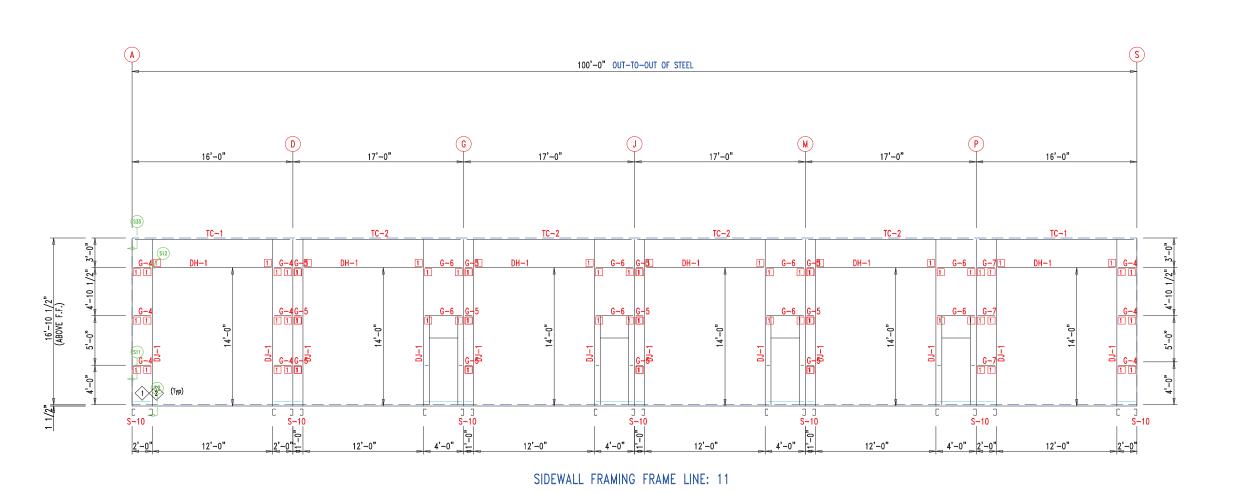
CONN	ECTION PLATES
	MARK/PART
1	PBMC-6

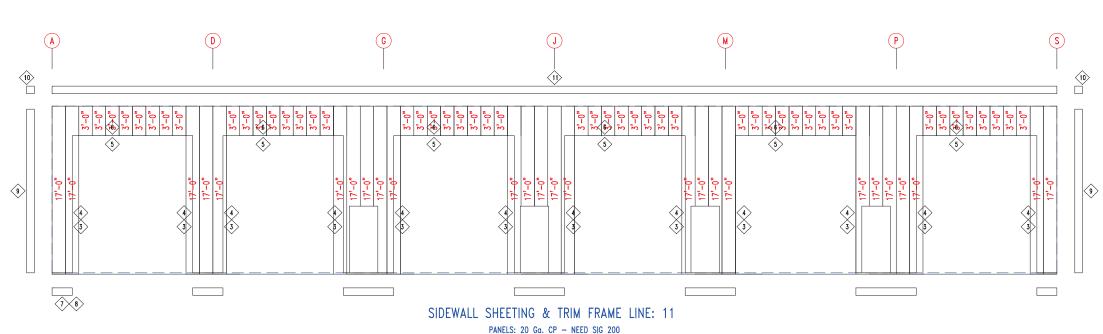


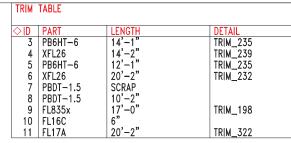
	DESCR
PELLA	
	CUSTO
BUILDING SYSTEMS	LOCAT
906 West 9th Street Pella, IA 50219	DRN.

JB

DESCRIPTION	N: ENDW	ALL DRAWIN	^							
	ENDW	ALL DRAWIN	G							
CUSTOMER:	MEGA Sto	rage			PROJECT: L	LEES SI	UMMI	T		
LOCATION:	LEE'S S	UMMIT MO								
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATION	N NO.		SHEET N	10.	Ī
JB		8/26/22	N.T.S.	00	7		5	OF	13	







MEMBER TABLE 17'-0"
17'-0"
17'-0"
16'-0"
11'-11 1/2"
11'-5 3/4"
2'-1 3/4"
1'-11 3/4" PART 6X2C16 PBMJ6 MARK S-10 DJ-1 TC-1 TC-2 DH-1 G-4 G-5 G-6 G-7 PB6EC PB6EC 6X25C16 6X2C16 6X2C16 6X2C16 6X2C16

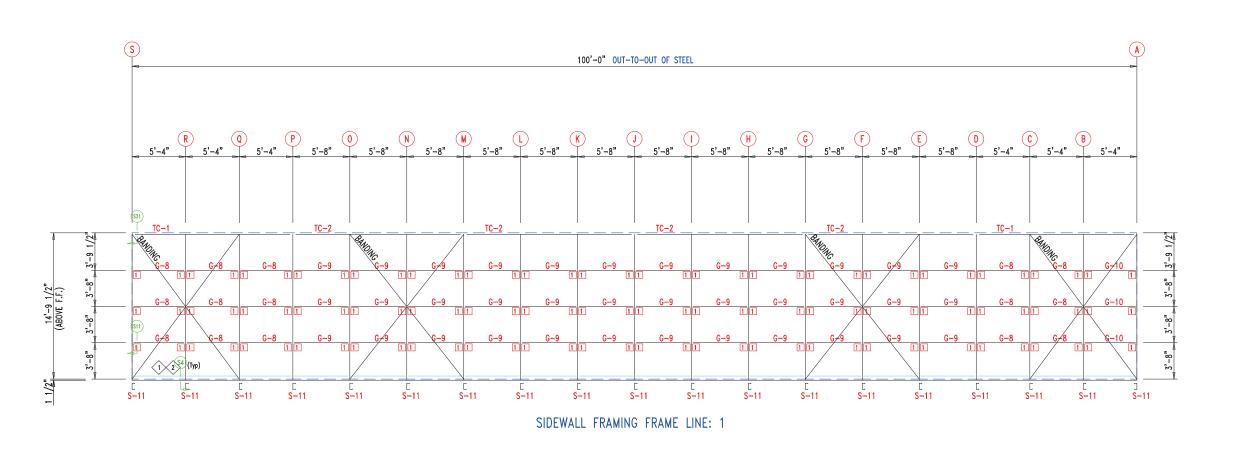
OVE	,, ,	' ' ' ' '
		•
ANGLE	TABLE	
AITOLI	IADEL	
\Diamond ID	MARK	LENGTH
□ □ □	MICHAININ	
1	PB6EC	20'-0"
, ,	IDOLO	20 0
2	PB6EC	SCRAP
	FDOLU	JUKAF

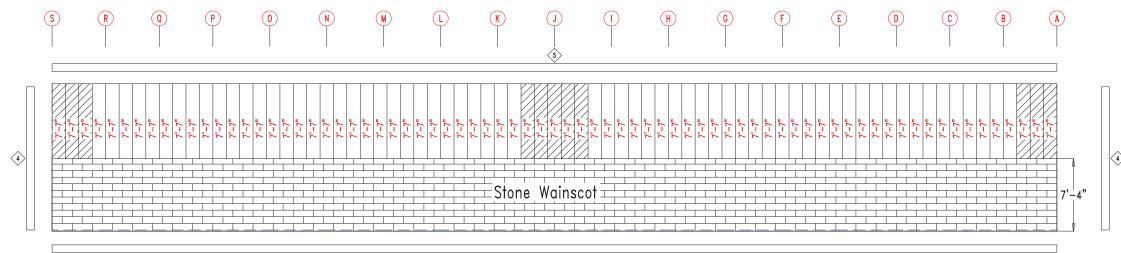
CONNECTION PLATES DID MARK/PART
1 PBMC-6



PFIIA
BUILDING SYSTEMS
9th Street Pella, IA 50219

1	DESCRIPTIO	N: SIDEW	ALL DRAWIN	IG						
(CUSTOMER:	MEGA Sto	rage			PROJECT:	LEES S	SUMMI	T	
П	_OCATION:	LEE'S S	UMMIT MO							
	ORN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.
	JB		8/26/22	N.T.S.	00	7		6	OF	13





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



BUILDING SYSTE)	\wedge
	M S
906 West 9th Street Pella, IA 5	

DESCRIPTION: SIDEWALL DRAWING										
CUSTOMER:	MEGA Sto	PROJECT:	LEES S	UMMI	Τ					
LOCATION:	LEE'S S	UMMIT MO								
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.	
JB		8/26/22	N.T.S.	00	7		7	OF	13	

TRIM TABLE

O PART

3 PBDT-1.5

4 FL835x 5 FL19

LENGTH 10'-2" 14'-11" 10'-2"

6X2C16 PB6EC PB6EC 6X2C16 6X2C16 6X2C16

ANGLE TABLE

○ ID | MARK
1 | PB6EC
2 | PB6EC

MEMBER TABLE

S-11 TC-1 TC-2 G-8 G-9 G-10

TRIM_198 TRIM_316

LENGTH

14'-9 1/2"

16'-0"

17'-0"

5'-1 1/2"

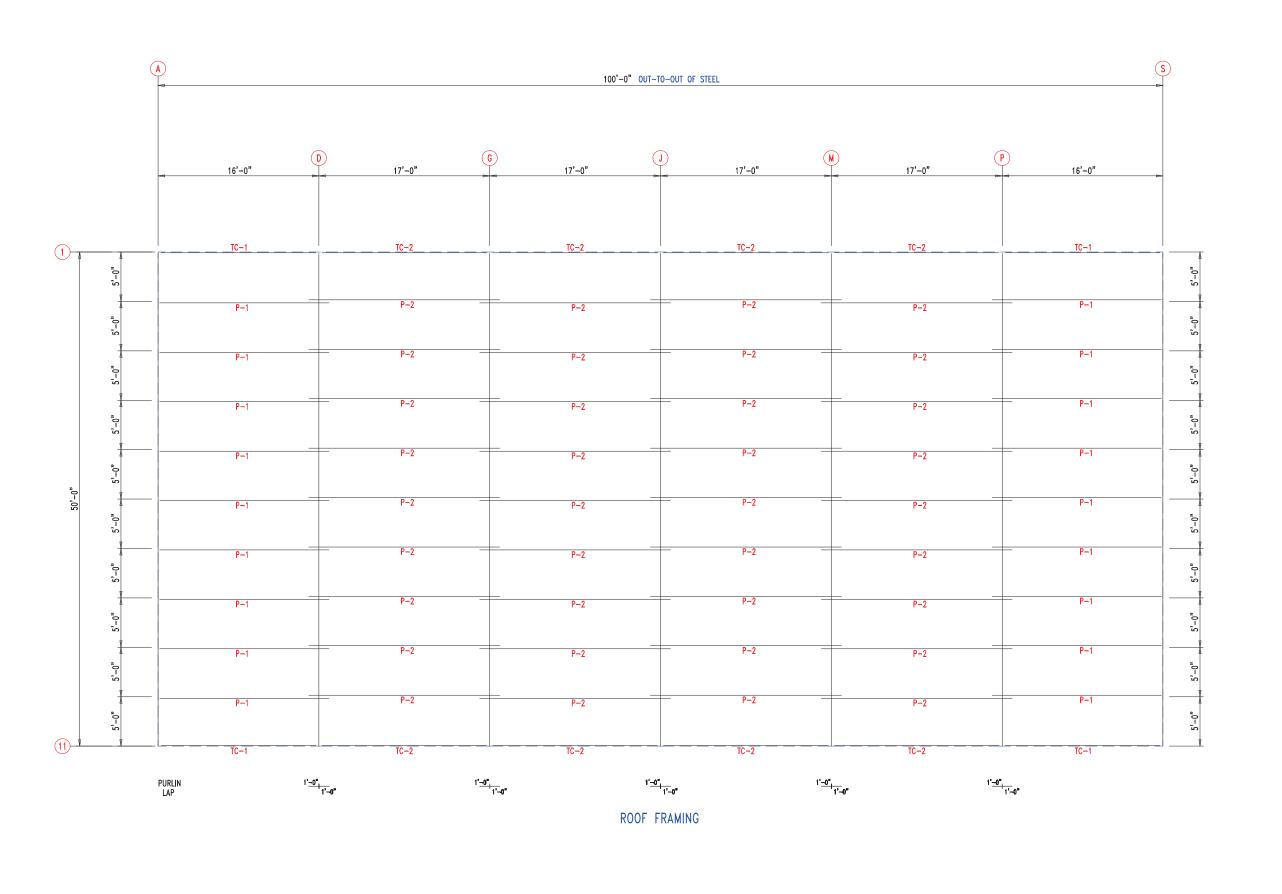
5'-5 1/2"

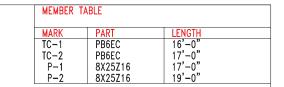
4'-11 1/2"

LENGTH 20'-0" SCRAP

CONNECTION PLATES

DID MARK/PART
1 PBMC-6

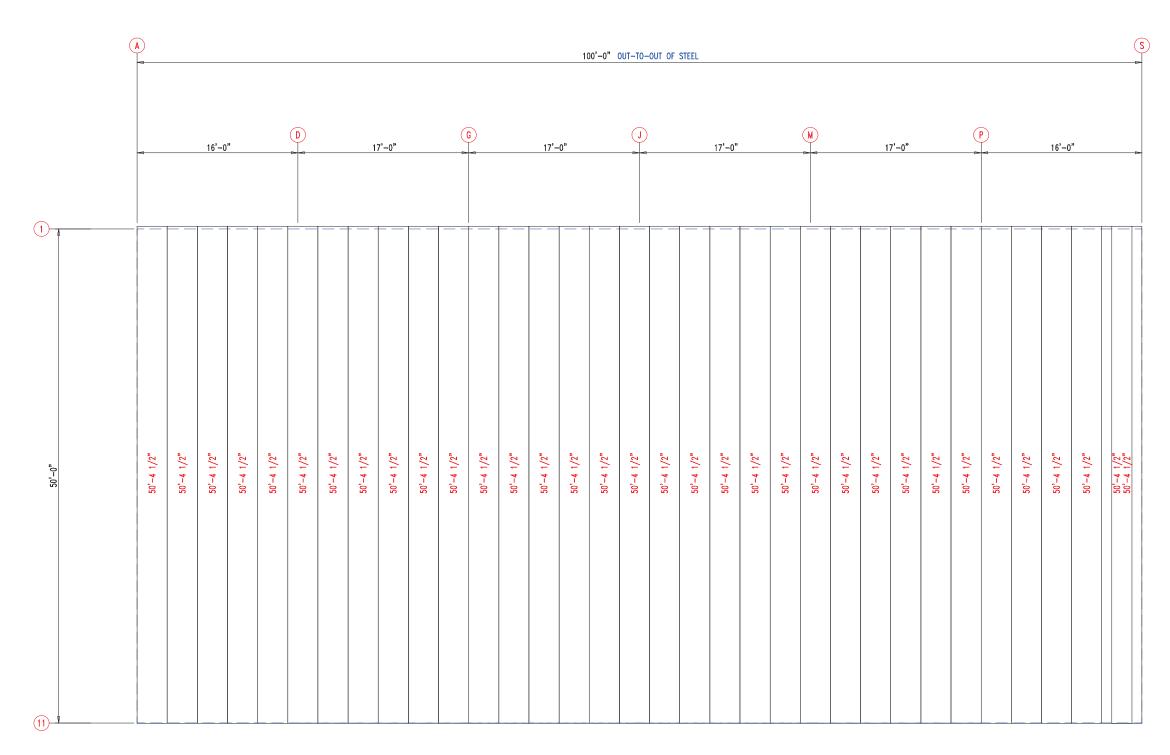






PFIIA
BUILDING SYSTEMS

DESCRIPTIO	N: ROOF	FRAMING								
CUSTOMER:	MEGA Sto	PROJECT:	LEES S	UMMI	Т					
LOCATION: LEE'S SUMMIT MO										
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.	Т
JB		8/26/22	N.T.S.	00	7		8	OF	13	



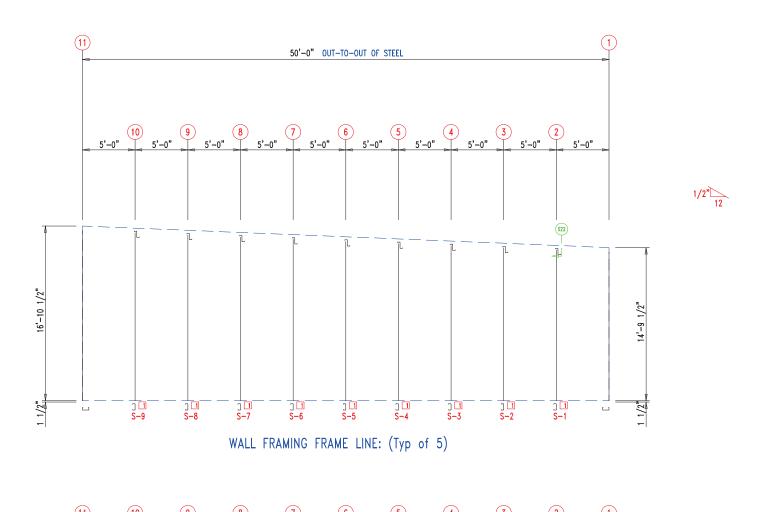
ROOF SHEETING & TRIM

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





DESCRIPTIO	N: ROOF	SHEETING							
CUSTOMER:	MEGA Sto	rage			PROJECT:	LEES S	UMMI	T	
LOCATION:	LEE'S S	UMMIT MO							
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.
JB		8/26/22	N.T.S.	00	7		9	OF	13



1/2"

	25'-0"
25'-0"	25'-0"
25'-0"	25'-0"
25'-0"	25'-0"
25'-0"	25'-0"
25'-0"	25'-0"

WALL SHEETING & TRIM FRAME LINE: (Typ of 5) PANELS: 29 Ga. PR - Galvalume +



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

JB

DESCRIPTION: PARTITION DRAWING											
CUSTOMER: MEGA Storage PROJECT: LEES SUMMIT											
LOCATION:											
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATION NO.	SHEET NO.					
JB		8/26/22	N.T.S.	00	7	10 OF 13					

MEMBER TABLE

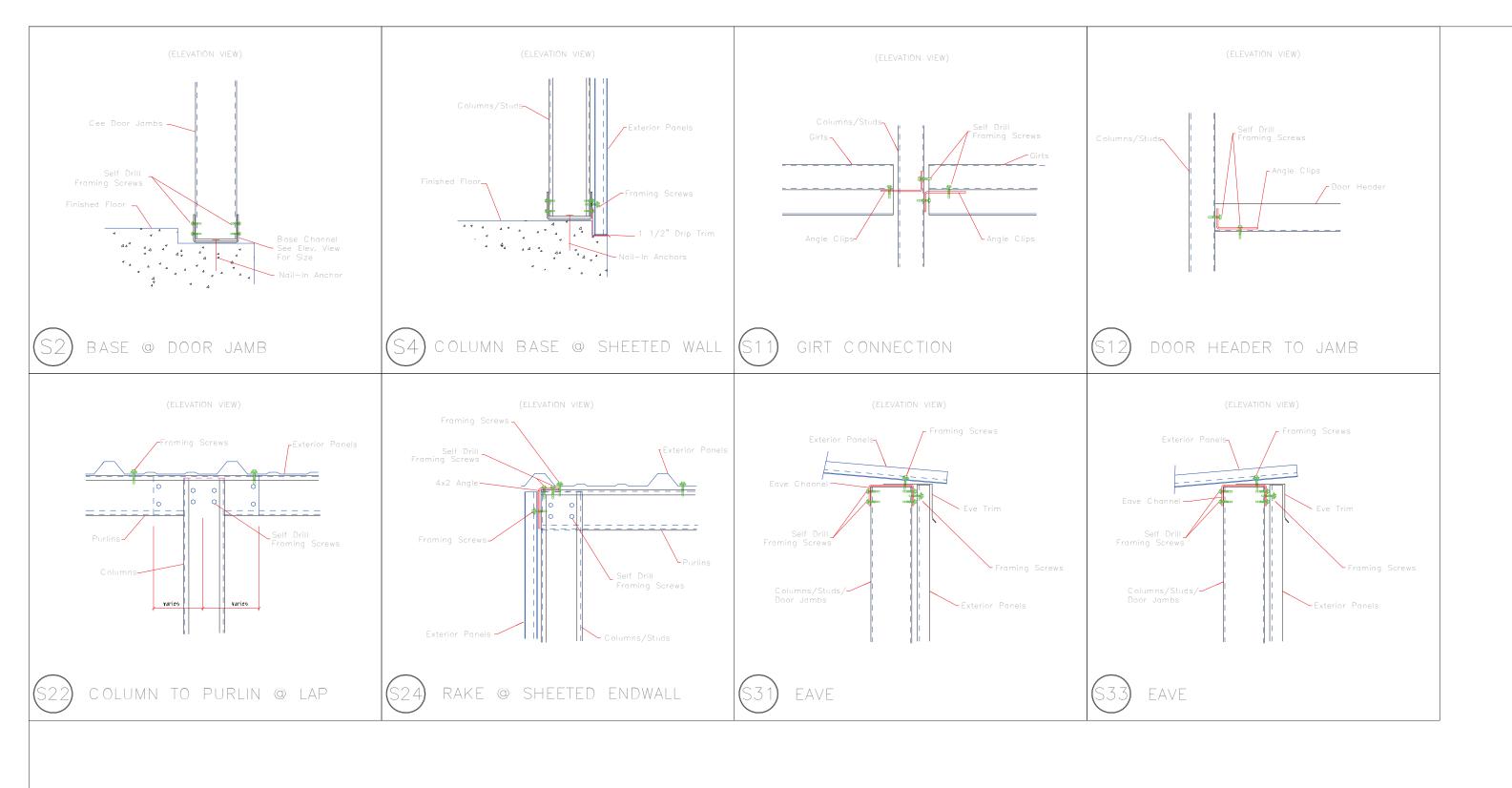
MARK
S-1
S-2
S-3
S-4
S-5
S-6
S-7
S-8
S-9

PART 6X2C16 6X2C16 6X2C16 6X2C16 6X2C16 6X2C16 6X2C16 6X2C16 6X2C16 6X2C16

LENGTH
15'-0"
15'-2 1/2"
15'-5"
15'-7 1/2"
15'-10"
16'-0 1/2"
16'-3"
16'-5 1/2"
16'-8"

CONNECTION PLATES

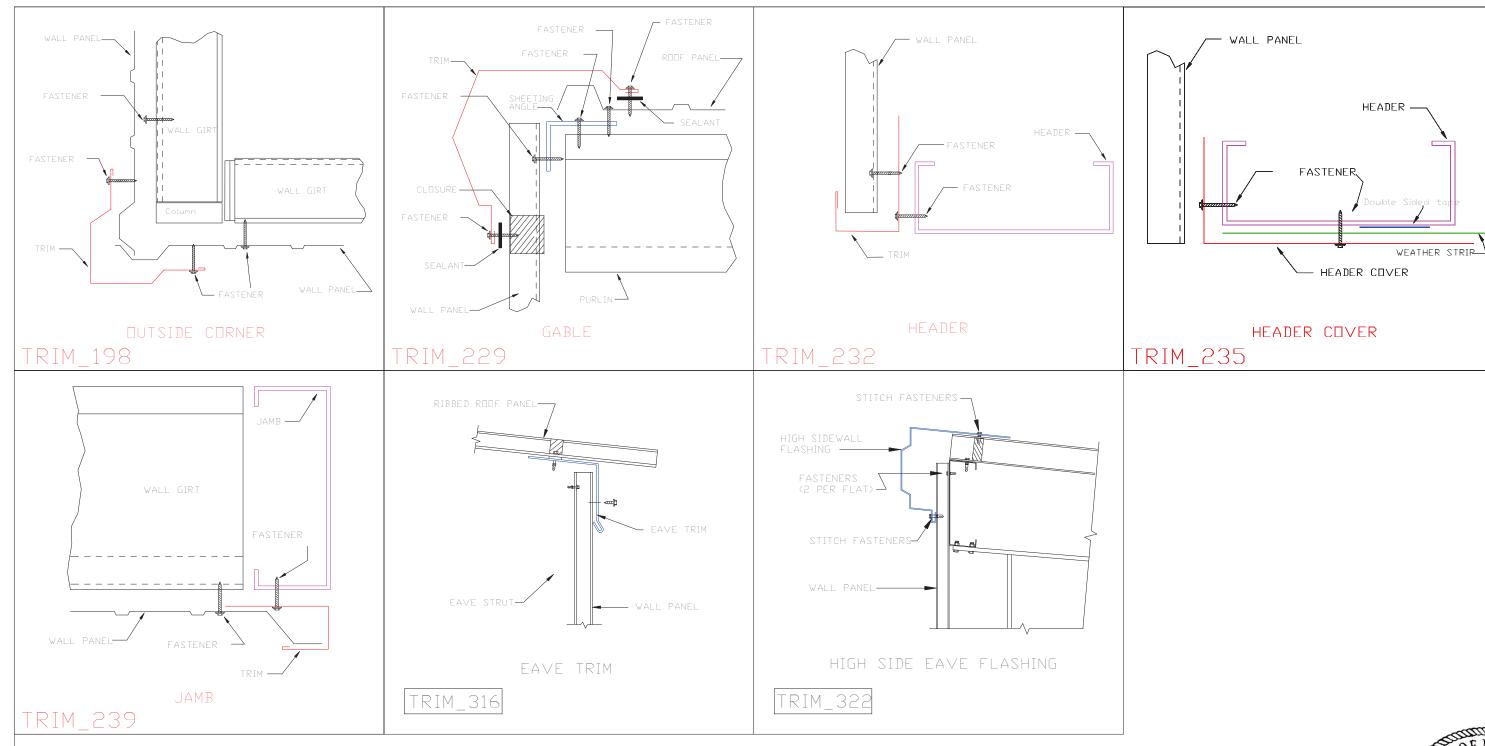
□ID MARK/PART 1 BASECLIP







ESCRIPTION	N: DETAII	_ DRAWINGS								
USTOMER:	MEGA Sto	rage			PROJECT:	LEES S	UMMI	Т		
OCATION:	LEE'S S	UMMIT MO								
RN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.	
JB		8/26/22	N.T.S.	00	7		11	OF	13	





	PELLA
906 West	9th Street Pella, IA 50219

	DESCRIPTION	n: DETAI	L DRAWINGS								
	CUSTOMER:	MEGA Sto	rage	PROJECT: LEES	S	UMMIT	Γ				
LOCATION: LEE'S SUMMIT MO											
	DRN. BY	CK'D BY	DATE	DATE SCALE REV. QUOTATION NO.				SHEET NO.			
	JB		8/26/22	N.T.S.	00	7		12	OF	13	,