

PELLA

BUILDING SYSTEMS

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

BUIL	DING	LOADS	/	DESC	RIPTI	ON.
			/		1 / 1 1 1 1	O 1 4 .

WIDTH: 65 LENGTH: 70 (BUILDING DIMENSIONS ARE NOMIN	HE	EIGHT: <u>16.08 / 15.88</u>	SITE CLASS:	d	
(BUILDING DIMENSIONS ARE NOMIN	NAL. KEFEK	TO PLANS).	<u>OC C UPANC Y</u>	CATEGORY:	- Low
THIS STRUCTURE IS DESIGNED UT AND APPLIED AS REQUIRED BY :		LOADS INDICATED .	SEISMIC DES	SIGN CATEGORY: B	
THE CONTRACTOR IS TO CONFIRM WITH THE REQUIREMENTS OF THE					
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:			
ROOF SNOW LOAD: 13.44	PSF	INTERNAL PRESSURE CO	EFF.:		
GROUND SNOW LOAD: 20	PSF	0.18 / _	-0.18		
BASIC WIND SPEED: 103	MPH_	SPECTRAL RESPONSE CO	DEFF.	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		*Fa*Ss*W/R	

<u>GENERAL NOTES:</u>

- 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/ Dri
WALL PANELS:	
COLOR:	NEED SIG 200
TRIM COLORS:	
CABLE:	NEED SIG 200
CORNER:	NEED SIG 200
EAVE:	NEED SIG 200
FRAMED OPENINGS:	NEED SIG 200
LINER PANELS:	
COLOR:	N/A
LINER TRIM:	

DEFLECTION LIMTS:

COLOR: N/A

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 IP STANDINGS 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 RESPONSIBILE 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.

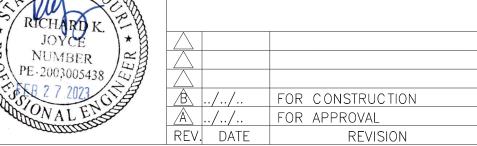
TEMPORARY SUPPORTS, SUCH AS TEMPORARY GUYS, BRACES, FALSE WORK, CRIBBING OR OTHER ELEMENTS REQUIRED FOR THE ERECTION OPERATION WILL BE DETERMINED AND FURNISHED AND INSTALLED BY THE ERECTOR. THESE TEMPORARY SUPPORTS WILL SECURE THE STEEL FRAMING, OR ANY PARTLY ASSEMBLIED STEEL FRAMING, AGAINST LOADS COMPARABLE 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.)

<u>WARNING:</u> 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 MANUFACTURER 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 INDICATION 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.

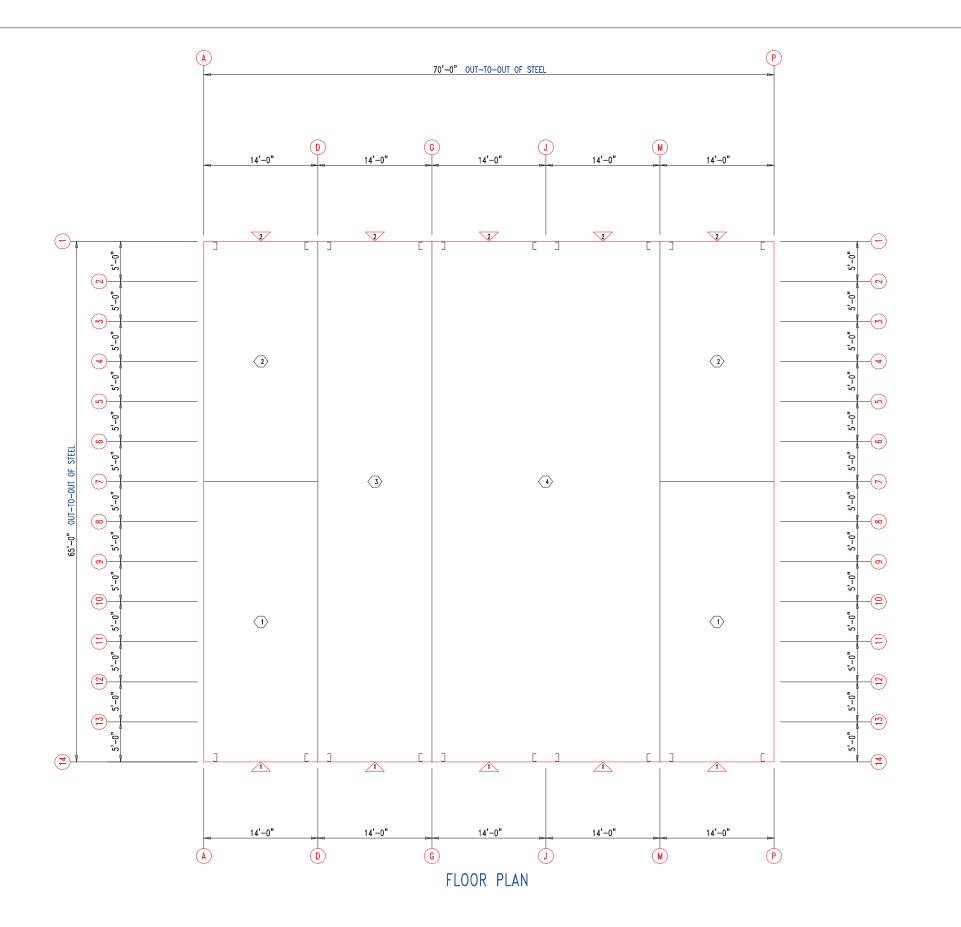
IMPORTANT NOTE: FINAL DETAILING, FABRICATION, AND DELIVERY DATE OF THIS PROJECT CANNOT BE COMPLETED UNTIL THE SIGNED APPROVALS ARE RETURNED TO THE METAL BUILDING MANUFACTURER.



PURCHASER: MEGA Storage

PROJECT: LEES SUMMIT

JOB NUMBER: K





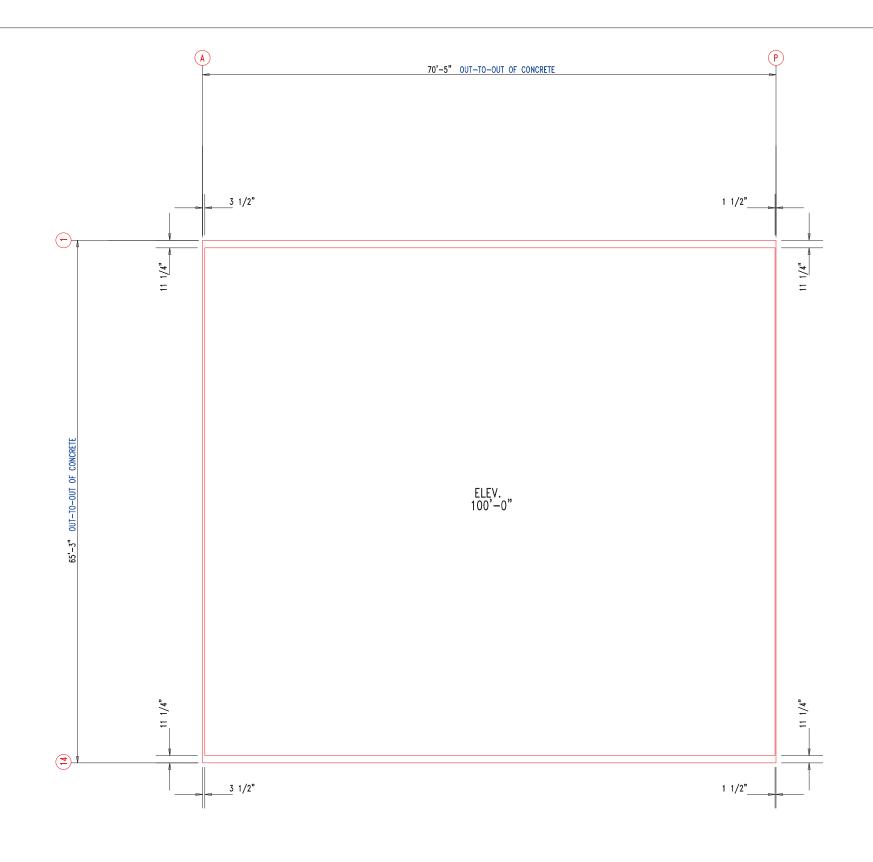
∇ ID	QUAN	DESCRIPTION	COLOR
1	5	Janus 1214 M1950 Rollup	
2	5	Janus 1214 M1950 Rollup	

СОМ	PARTMEN	IT TABLE		
○ ID	QUAN	WIDTH	LENGTH	
1	2	14'-0"	35'-0"	
2	2	14'-0"	30'-0"	
3	1	14'-0"	65'-0"	
4	1	28'-0"	65'-0"	



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01 00 0 1 01(0) 111 00010	DRN.
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CRIPTION	¹: FLOOF	R PLAN								
TOMER:	MEGA Sto	rage			PROJECT:	LEE'S S	MMU	IT		
ATION:	LEE'S S	UMMIT MO								
. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET N	١0.	
3		8/23/22	N.T.S.	00	K		1	OF	14	

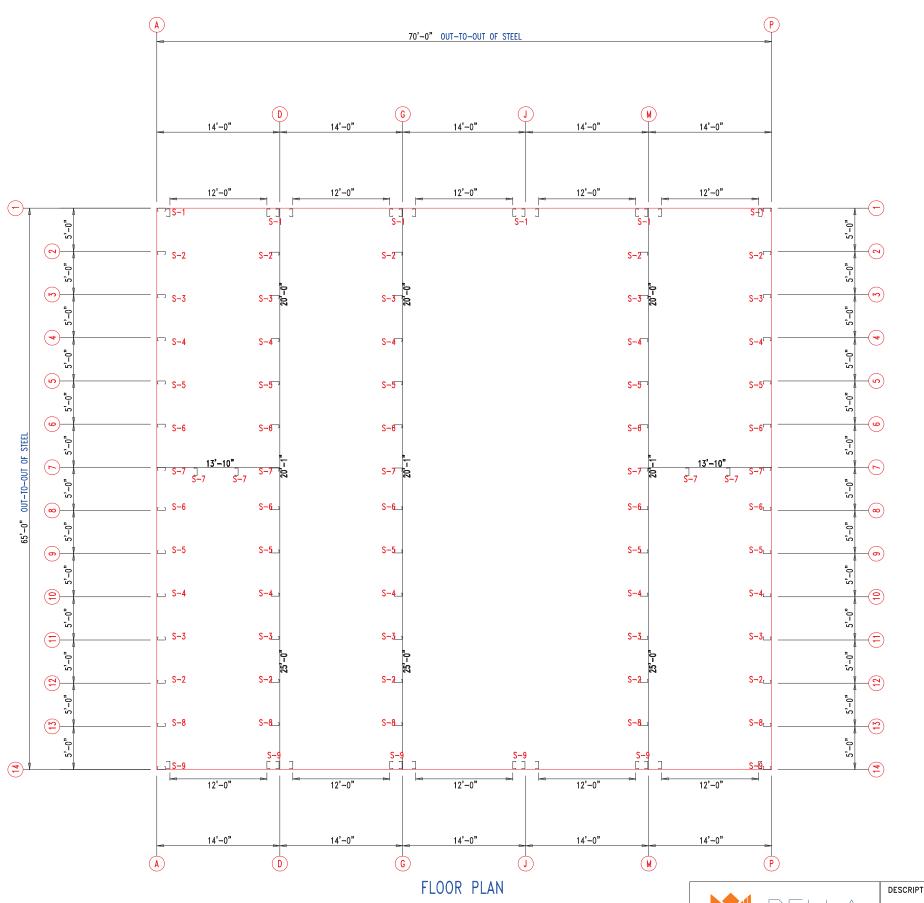




ANCHOR PLAN



ESCRIPTION	N: ANCH	OR PLAN								
JSTOMER:	MEGA Sto	rage			PROJECT:	LEE'S	SUMM	IT		
CATION:	LEE'S S	UMMIT MO								
RN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET N	10.	
JB		8/23/22	N.T.S.	00	K		2	OF	14	



 MEMBER TABLE

 MARK
 PART
 LENGTH

 S-1
 6X2C16
 16'-2 1/2"

 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
 17'-4"

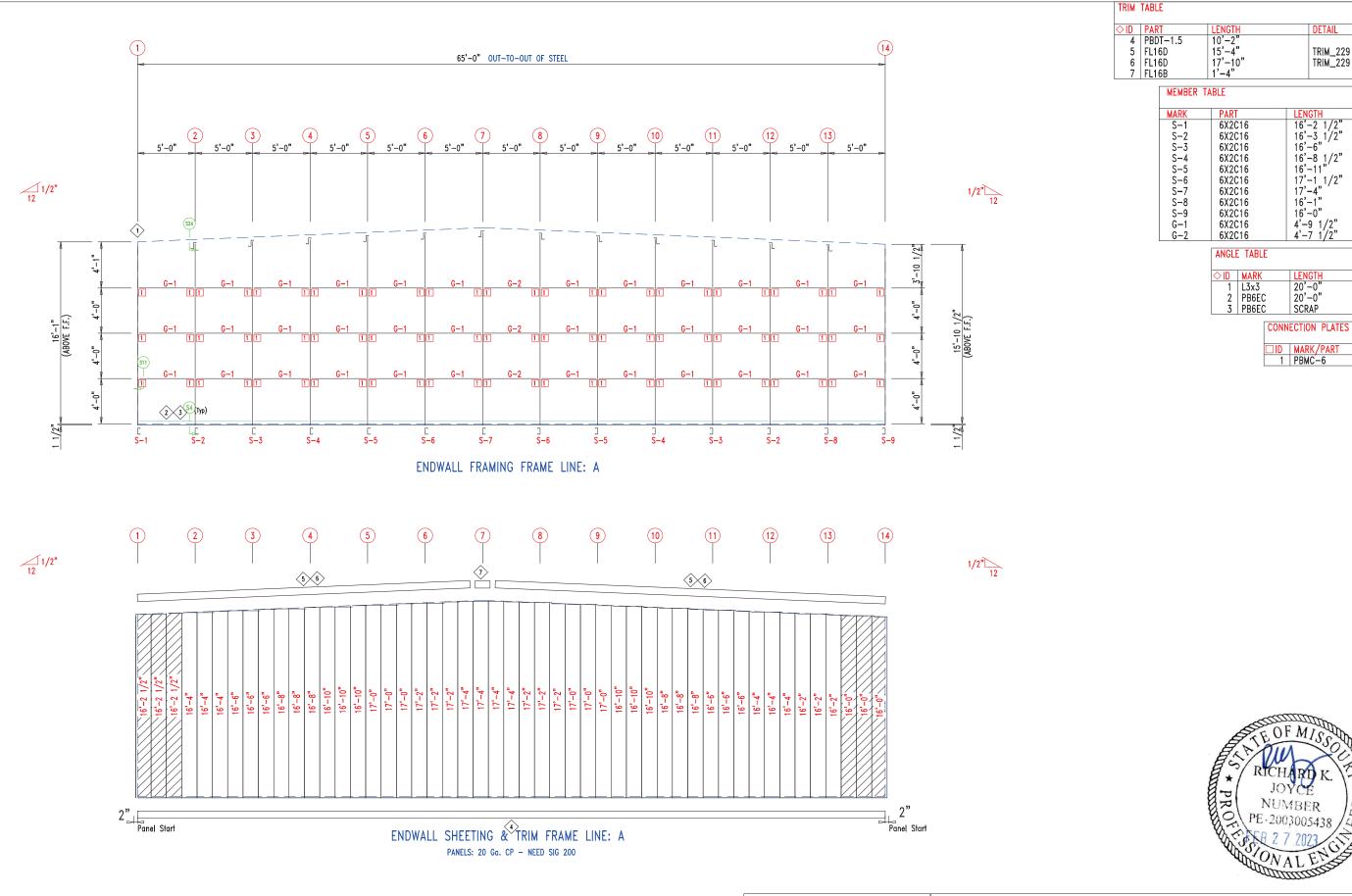
 S-8
 6X2C16
 16'-1"

 S-9
 6X2C16
 16'-0"



DESCRIPTION: FLOOR PLAN

CUSTOMER:	MEGA Sto	rage			PROJECT: LEE'S	SUMM	IT	
LOCATION:	LEE'S S	UMMIT MO						
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATION NO.		SHEET I	NO.
JB		8/23/22	N.T.S.	00	K	3	OF	14



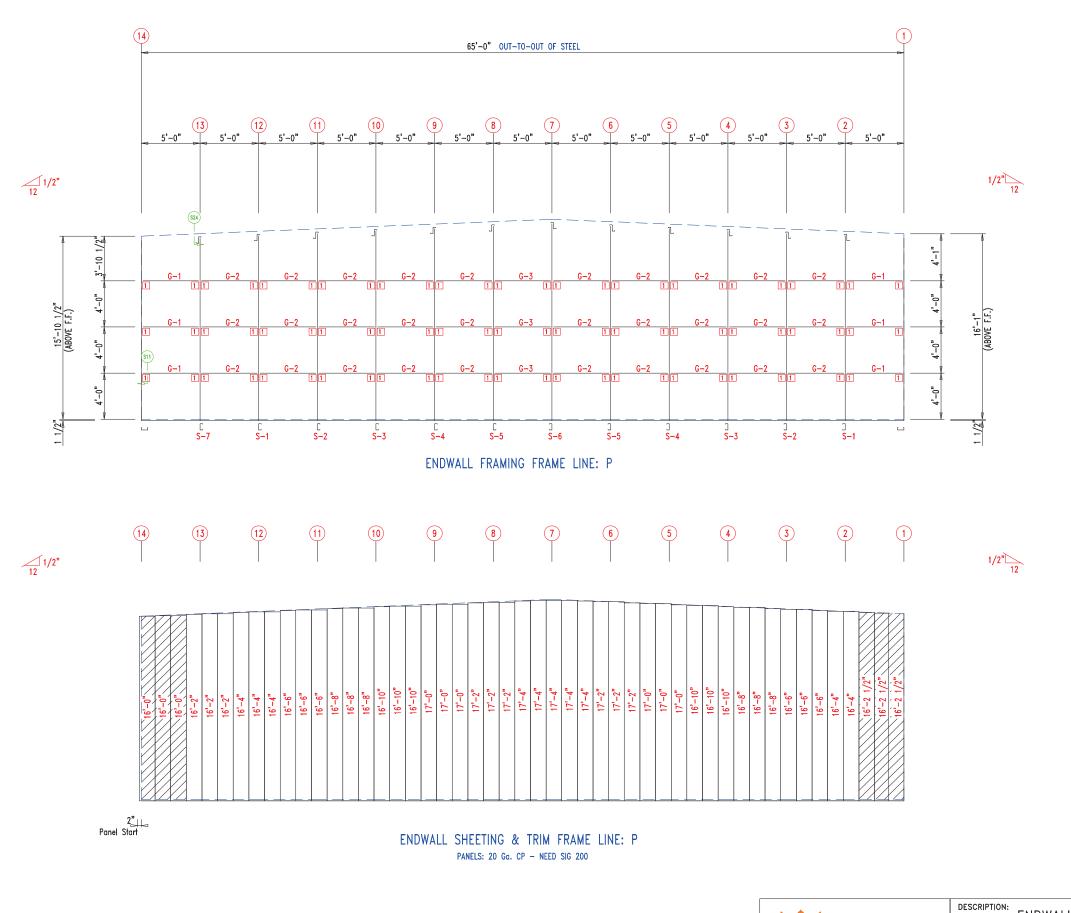
		DESCRIPTION	N: ENDW	ALL DRAWIN	G						
		CUSTOMER:	MEGA Sto	rage			PROJECT:	LEE'S	SUMM	IT	
		LOCATION:	LEE'S S	UMMIT MO							
	9th Street Pella, IA 50219	DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.
(800) 225-04	81 www.pellabuildings.com	JB		8/23/22	N.T.S.	00	K		4	OF	14

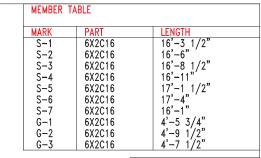
TRIM_229 TRIM_229

LENGTH

16'-2 1/2"
16'-3 1/2"
16'-6"
16'-8 1/2"
16'-11"
17'-1 1/2"
16'-1"
16'-0"
4'-9 1/2"
4'-7 1/2"

20'-0" 20'-0" SCRAP





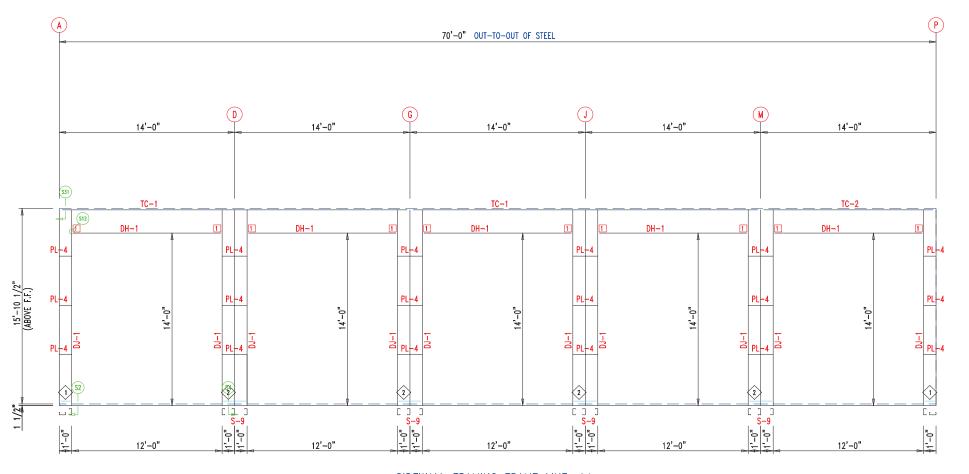
CONNECTION PLATES

DID MARK/PART
1 PBMC-6

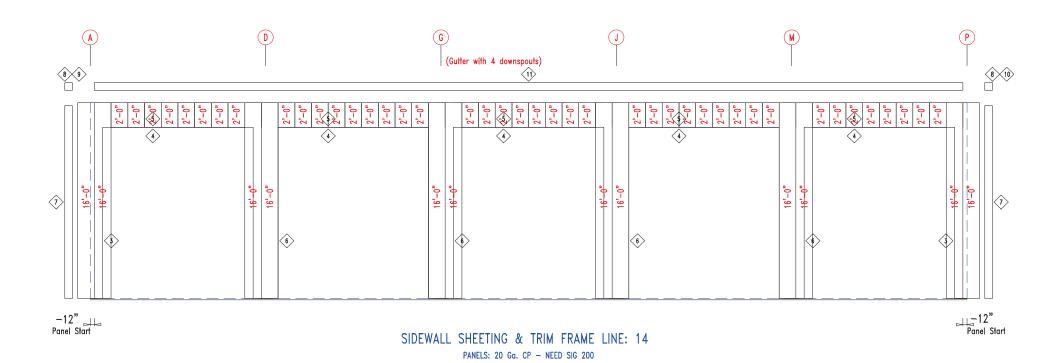


	PELLA
906 West	9th Street Pella, IA 50219

DESCRIPTIO	N: ENDW	ALL DRAWIN	G						
CUSTOMER:	MEGA Sto	orage			PROJECT:	LEES	SUMMI	T	
LOCATION:	LEE'S S	SUMMIT MO							
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.
JB		2/13/23	N.T.S.	00	K		5	OF	14





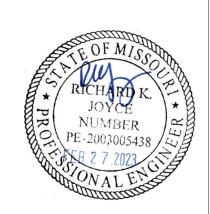


TRIM	TABLE		
◇ID	PART	LENGTH	DETAIL
3	PB6SM-12	14'-1"	
4	PB6HT-6	12'-1"	TRIM_235
5	XFL26	20'-2"	TRIM_232
6	PB6M-24	14'-1"	-
7	FL835x	16'-0"	TRIM_198
8	FL16C	6"	-
9	FL18AL	6"	
10	FL18AR	6"	
11	FL19	10'-2"	TRIM_317

MEMBER T	ABLE	
MARK	PART	LENGTH
S-9	6X2C16	16'-0"
DJ-1	PBMJ6	16'-0"
TC-1	PB6EC	28'-0"
TC-2	PB6EC	14'-0"
DH-1	6X25C16	11'-11 1/2"
PL-4	2" Plate	20"

ANGLE TABLE					
\Diamond ID	MARK	LENGTH			
1	PB6BC1	11 3/4"			
2	PB6BC2	1'-11 3/4"			

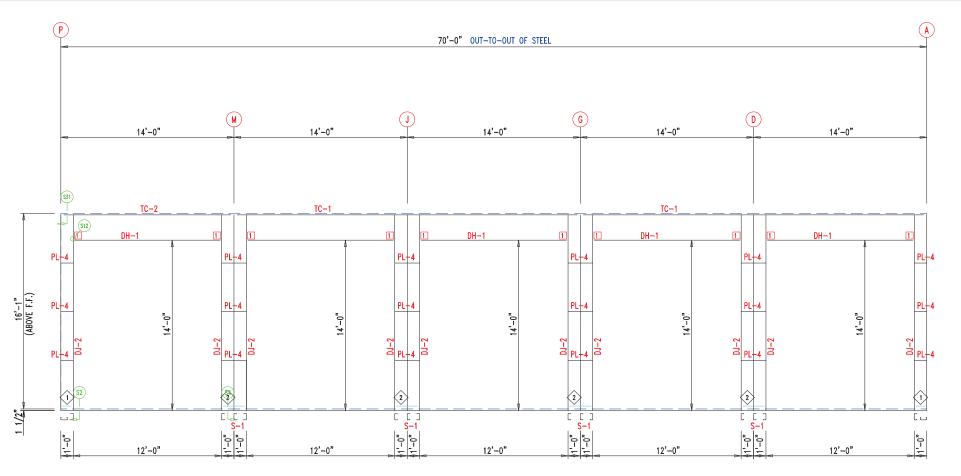
CONN	ECTION PLATES
	MARK/PART
1	PBMC-6



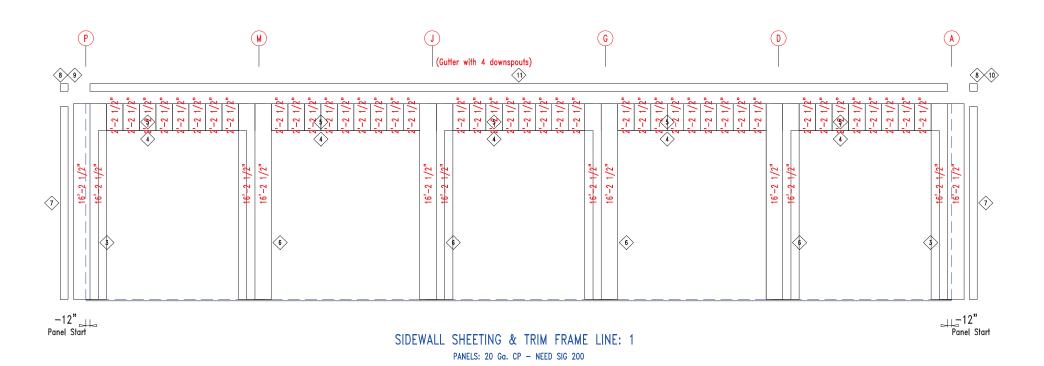
	DESCRI
PELLA	
	CUSTON
BUILDING SYSTEMS	LOCATION
906 West 9th Street Pella, IA 50219	DRN. B
(900) 225-0481 www.pollobuildings.com	l

JB

DESCRIPTIO	N: SIDEW	ALL DRAWIN	IG			
CUSTOMER:	MEGA Sto	rage			PROJECT: LEE'S	SUMMIT
LOCATION:	LEE'S S	UMMIT MO				
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATION NO.	SHEET NO.
JB		8/23/22	NTS	00	K	6 OF 14





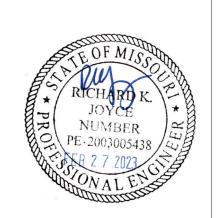


TRIM	TABLE		
◇ID	PART	LENGTH	DETAIL
3	PB6SM-12	14'-1"	
4	PB6HT-6	12'-1"	TRIM_235
5	XFL26	20'-2"	TRIM_232
6	PB6M-24	14'-1"	
7	FL835x	16'-3"	TRIM_198
8	FL16C	6"	
9	FL18AL	6"	
10	FL18AR	6"	
11	FL19	10'-2"	TRIM_317

MEMBER 1	ABLE	
MARK	PART	LENGTH
S-1	6X2C16	16'-2 1/2"
DJ-2	PBMJ6	16'-2 1/2"
TC-1	PB6EC	28'-0"
TC-2	PB6EC	14'-0"
DH-1	6X25C16	11'-11 1/2"
PL-4	2" Plate	20"

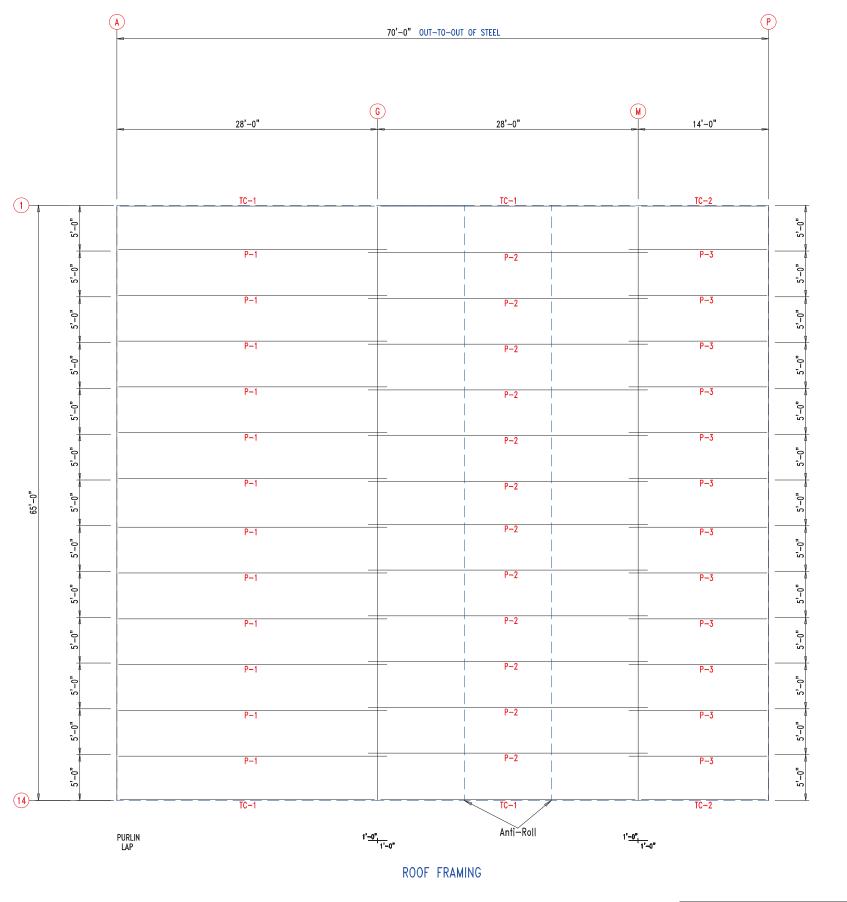
I	luie	20
ANGLE	ETABLE	
AITOLI	INDLL	
A ID	MADIZ	LEMOTH
עו∨	MARK	LENGTH
1	PB6BC1	11 7/4"
		11 3/4
2	PB6BC2	1'_11 3/1"
	I DODGZ	1 11 J/ 1

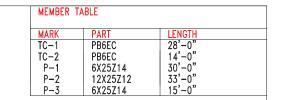
	1 11 0/ 1
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NNO	ECTION PLATES
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מור	MARK/PART
שונ	
1	PBMC-6
	I DIVIC 'O
	CONN DID 1



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	CUSTO
BUILDING SYSTEM	LOCAT
906 West 9th Street Pella, IA 50	

DESCRIPTIO	N: SIDEW	'ALL DRAWIN	G						
CUSTOMER:	MEGA Sto	rage			PROJECT:	LEE'S	SUMM	IIT	
LOCATION:	LEE'S S	UMMIT MO							
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET N	10.
JB		8/23/22	N.T.S.	00	K		7	OF	14

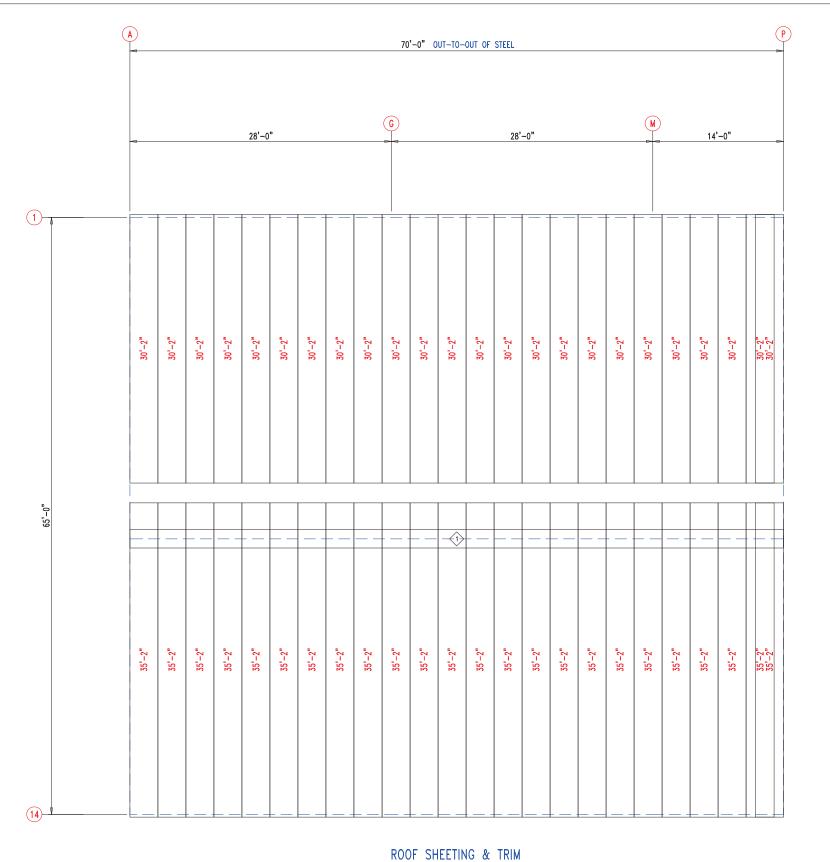








DESCRIPTIO	N: ROOF	FRAMING								
CUSTOMER:	MEGA Sto	rage			PROJECT:	LEE'S S	MMU	IT		
LOCATION:	LEE'S S	UMMIT MO								
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.	
JB		8/23/22	N.T.S.	00	K		8	OF	14	



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



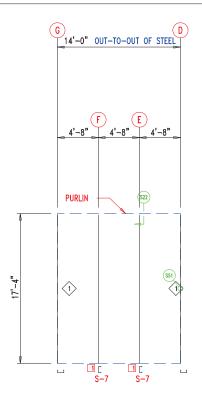
DESCRIPTIO	ROOF	SHEETING							
CUSTOMER:	MEGA Sto	orage			PROJECT:	LEE'S	SUMMI	Т	
LOCATION:	LEE'S S	OM TIMMUS							
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.
JB		8/23/22	N.T.S.	00	K		9	OF	14

TRIM TABLE

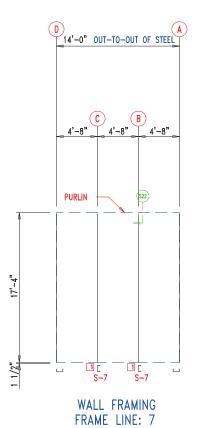
◇ID PART
1 FL49

LENGTH 3'-0" DETAIL TRIM_320





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





 MARK
 PART
 LENGTH

 S-7
 6X2C16
 17'-4"

ANGLE TABLE

OID MARK LENGTH
1 STUD 10'-0"

CONNECTION PLATES

DID MARK/PART
BASECLIP



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

WALL SHEETING & TRIM FRAME LINE: 7 (Typ of 4) GRID LINES: (D-P)

PANELS: 29 Ga. PR - Galvalume +



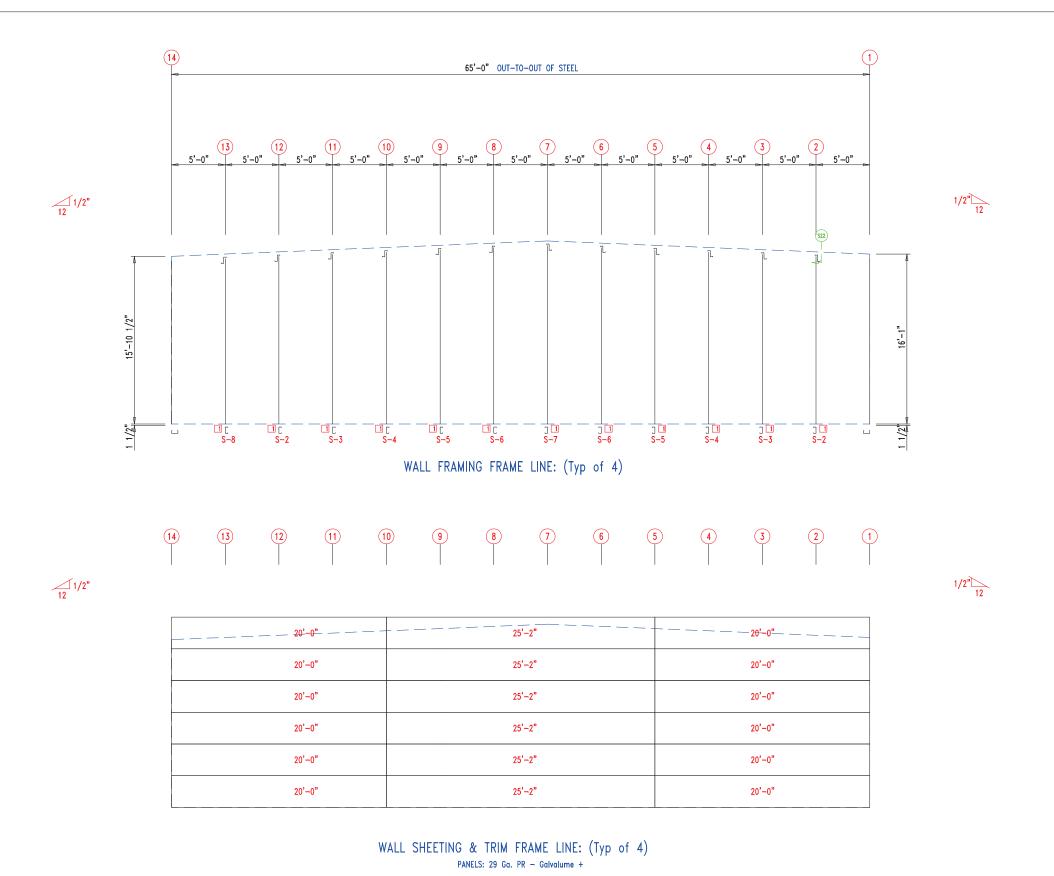
13	-10"
13	'-10"
13	'-10"
13	'-10"
13	'-10"
13	' – 10"

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





DESCRIPTIO	N: PARTI	TION DRAWIN	١G							
CUSTOMER:	MEGA Sto	rage			PROJECT:	LEE'S S	SUMMI	Τ		
LOCATION:	LEE'S S	UMMIT MO								
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.	
JB		8/23/22	N.T.S.	00	K		10	OF	14	



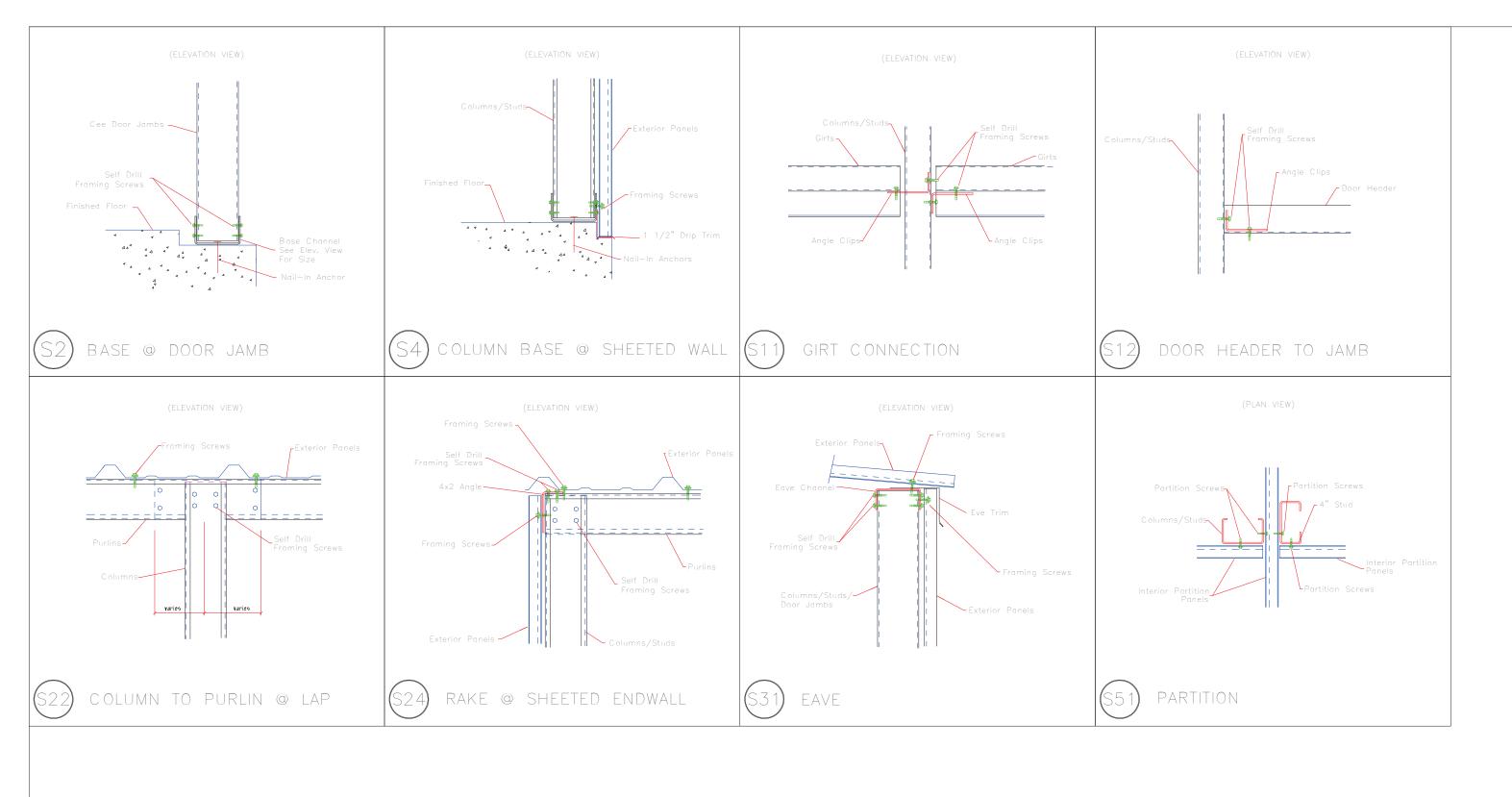


PELLA	DESCRI
	CUSTON
BUILDING SYSTEMS	LOCATION

DESCRIPTION	N: PARTI	TION DRAWII	NG						
CUSTOMER:	MEGA Sto	orage			PROJECT:	LEE'S S	UMMI	T	
LOCATION:	LEE'S S	UMMIT MO							
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATIO	ON NO.		SHEET N	10.
JB		8/23/22	N.T.S.	00	K		11	OF	14

MARK	PART	LENGTH
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	17'-4" ′
S-8	6X2C16	16'-1"

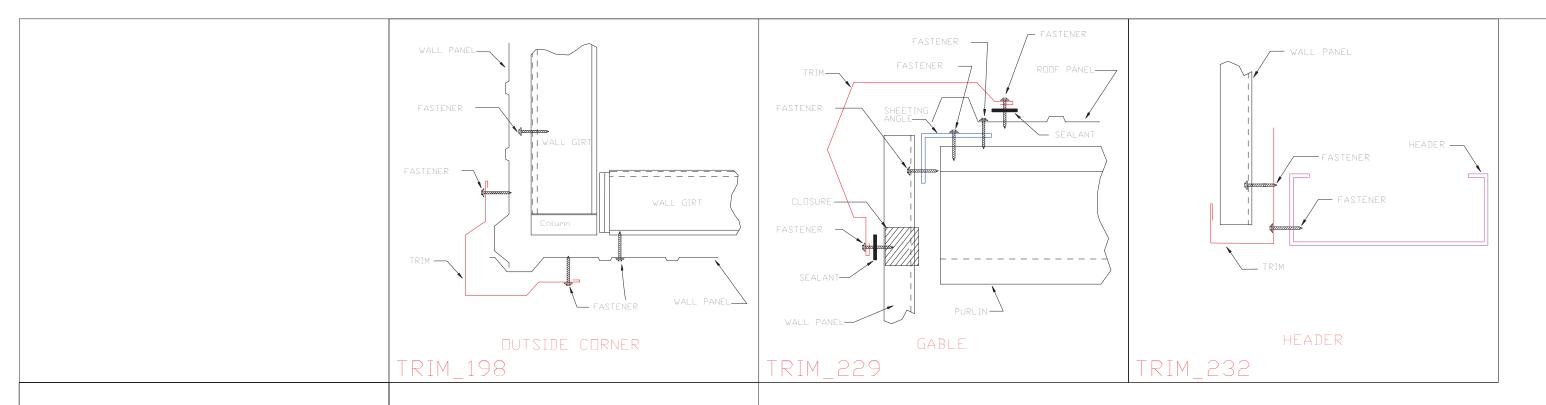
	MARK/PART
1	RASECLIP

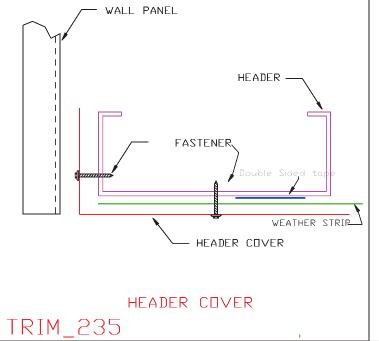


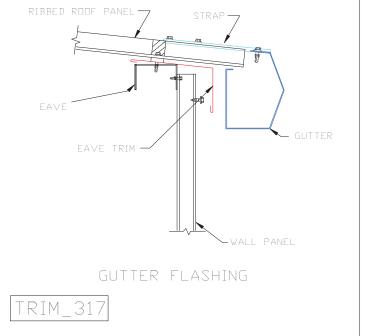


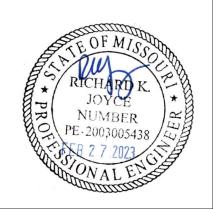


DESCRIPTIO	DETAI	L DRAWINGS						
CUSTOMER:	MEGA Sto	orage			PROJECT:	LEE'S	SUMMIT	
LOCATION:	LEE'S S	OM TIMMU						
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.	SHEET	NO.
JB		8/23/22	N.T.S.	00	K		12 OF	14









	PELLA
906 West	9th Street Pella, IA 50219

ESCRIPTIO	N: DETAII	L DRAWINGS								
USTOMER:	MEGA Storage				PROJECT:	ECT: LEE'S SUMMIT				
OCATION:	LEE'S S	UMMIT MO								
RN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATION NO.		SHEET NO.			Π
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