

## PELLA

BUILDING SYSTEMS

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

(800	0) 2	25	-04	181	www.p			
BUILDING LOADS / D	)ESCRI	PTIC	N:					
WIDTH: 50 LENGTH: 100 HEIGHT: 14.79 / 16.88 (BUILDING DIMENSIONS ARE NOMINAL. REFER TO PLANS).								
THIS STRUCTURE IS DESIGNED UTILIZING THE LOADS INDICATED AND APPLIED AS REQUIRED BY: <u>IBC 18</u> .								
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						
ROOF LIVE LOAD:	20.00	PSF						
ROOF SNOW LOAD:	16.8	PSF						
GROUND SNOW LOAD:	20.00	PSF						
SNOW EXPOSURE:	1.0							
THERMAL FACTOR:	1.2							
BASIC WIND SPEED:	110	MPH						
WIND EXPOSURE:	С							
INTERNAL PRESSURE COEFF.	<u>:</u>							
	8_							
IMPORTANCE FACTORS:								
WIND LOAD 1.0	_							
SNOW LOAD 1.0	-							
SEISMIC LOAD 1.0	_							
SITE CLASS:	D							
SEISMIC ZONE:	В							
SEISMIC DESIGN CATEGORY:	В							
SPECTRAL RESPONSE COEFF	<u>.</u>							
Sds	0.107							
Sd1	0.109							
MAPPED SPECTRAL RESPONSE ACC.								

0.100

0.068

Ss

S1

WALL PANELS:	
COLOR:	TBD
TRIM COLORS:	
CABLE:	TBD
CORNER:	TBD
EAVE:	TBD
FRAMED OPENINGS:	TBD
FRAMED OPENINGS: . LINER PANELS:	TBD
	TBD Galvalume
LINER PANELS:	
LINER PANELS:  COLOR:	

Galvalume

**ROOF PANELS:** 

COLOR:

## **DEFLECTION LIMTS:**

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

## BUILDER / CONTRACTOR RESPONSIBILITIES IT IS THE RESPONSIBILITY OF THE BUILDER/CONTRACTOR TO INSURE THAT ALL PROJECT

OUVERNING BOILDING ACTIONITIES. THE SOLI ETHIC 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

PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF ANY

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.)

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

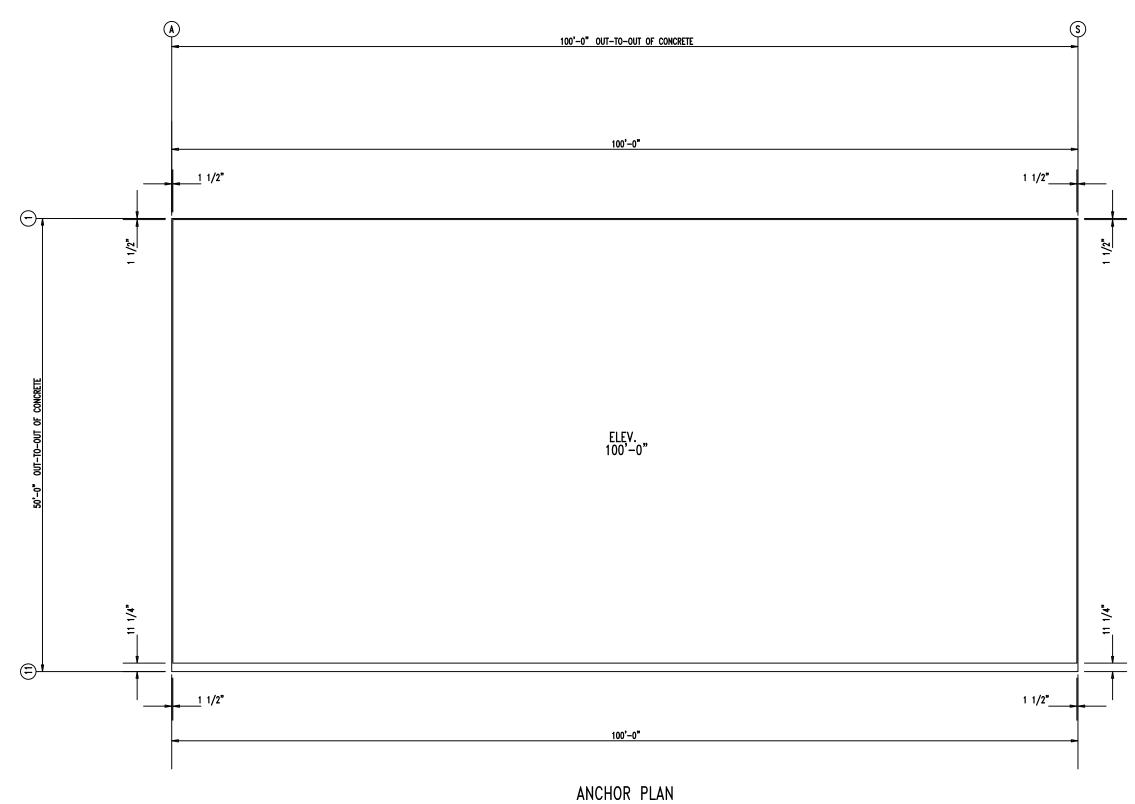
THE FOLLOWING CONDITIONS APPLY IN THE EVENT THAT THESE DRAWINGS ARE USED AS APPROVAL DRAWINGS: IT IS IMPERATIVE THAT ANY CHANGES TO THESE DRAWINGS BE MADE IN CONTRASTING INK (PREFERABLY RED INK), HAVE ALL INSTANCES OF CHANGE CLEARLY INDICATED, AND BE LÈGIBLE AND UNAMBIGUOUS. A SIGNATURE AND DATE IS REQUIRED 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.

lack		FOR CONSTRUCTION
$\triangle$	1/21/22	FOR APPROVAL
REV.	DATE	REVISION

PROJECT: Lee's Summit, MO

JOB NUMBER: 2022-02

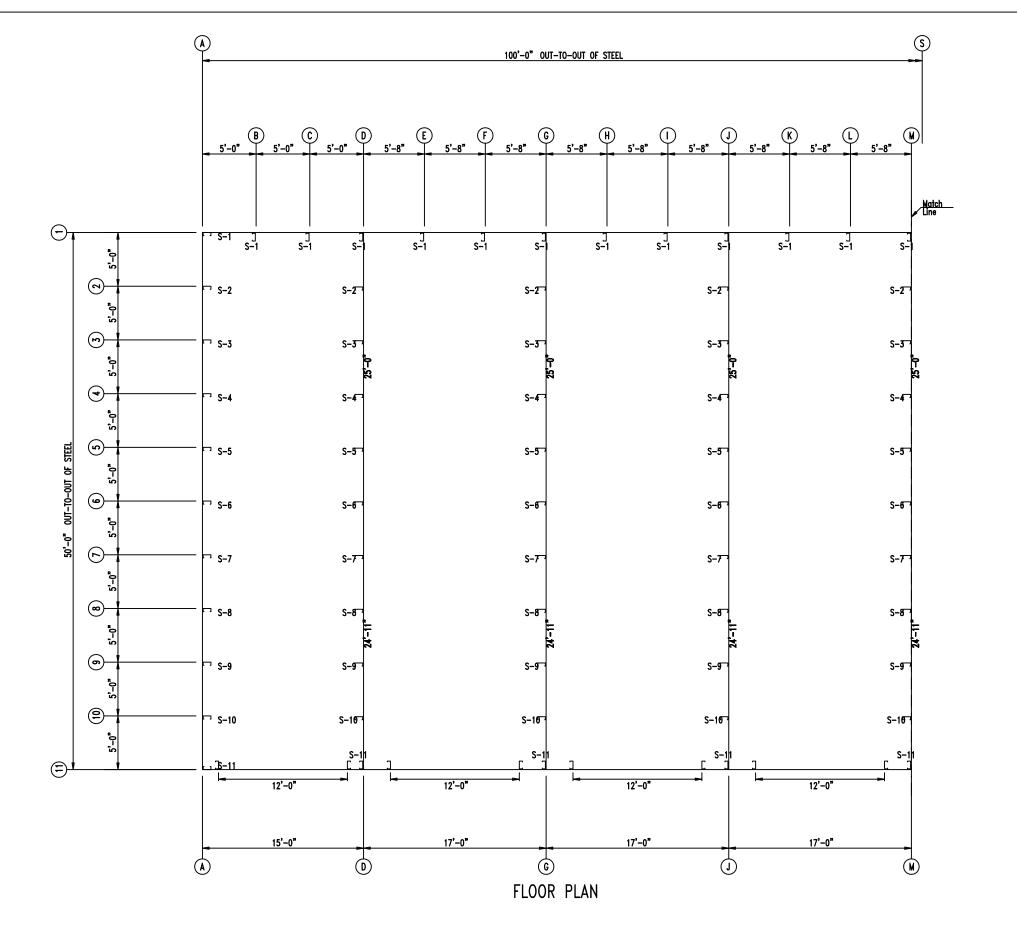


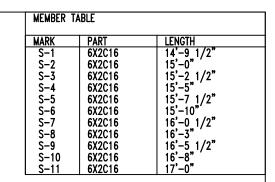


NOTION I LAN



SCRIPTIO	N: ANCH	OR PLAN							
JSTOMER:	Mega Sta	orage			PROJECT:	Bldg 2			
CATION:	Lee's S	ummit, MO							
N. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET I	١0.
IB	DES	1/21/22	N.T.S.	00			2	OF	15

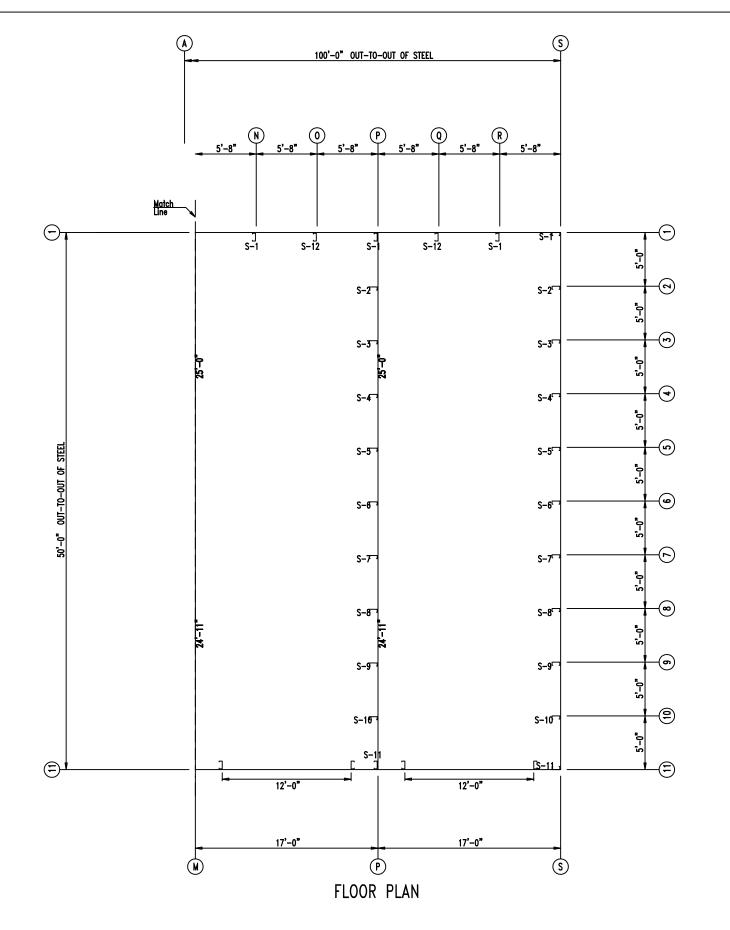






	PELLA
	BUILDING SYSTEMS
906 West (800) 225-048	9th Street Pella, IA 50219 31 www.pellabuildinas.com

DESCRIPTION	N: FLOOF	R PLAN						
CUSTOMER:	Mega Sta	orage			PROJECT: Bldg 2			
LOCATION:	Lee's S	ummit, MO						
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATION NO.		SHEET	NO.
JB	DES	1/21/22	N.T.S.	00		3	OF	15

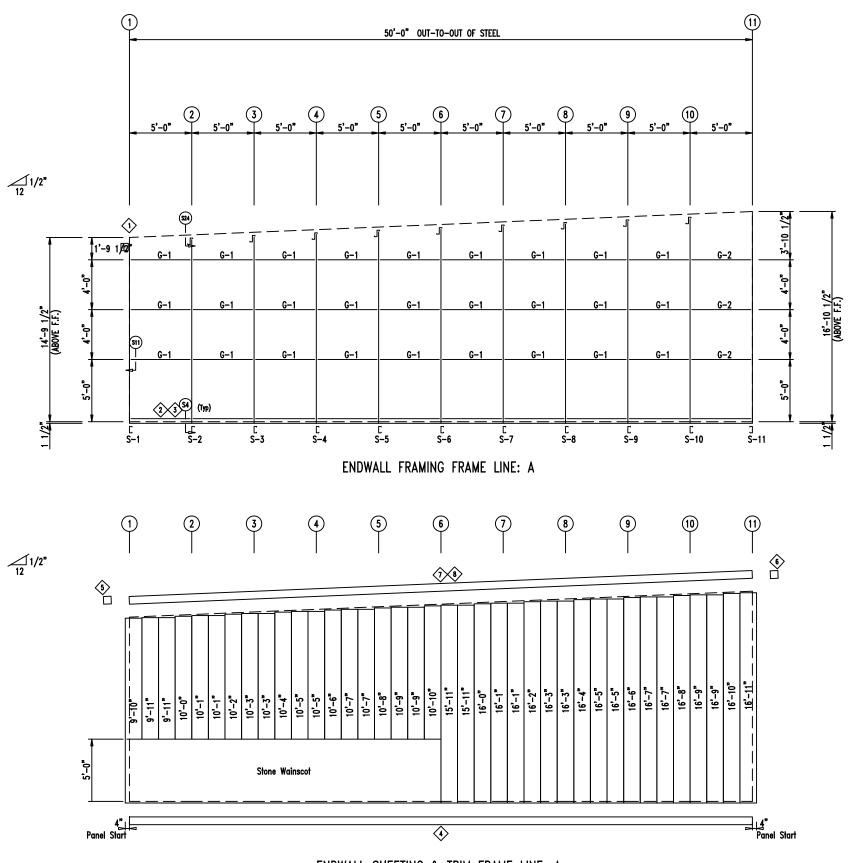


MARK	DART	LEMOTH
MARK	PART	LENGTH
S-1	6X2C16	14'-9 1/2"
S-2	6X2C16	15'-0"
S-3	6X2C16	15'-2 1/2"
S-4	6X2C16	15 <b>'</b> –5"
S-5	6X2C16	15'-7 1/2"
S-6	6X2C16	15'-10"
S-7	6X2C16	16'-0 1/2"
S-8	6X2C16	l 16'-3"
S-9	6X2C16	16'-5 1/2"
S-10	6X2C16	16'-5 1/2" 16'-8"
S-11	6X2C16	17'-0"
S-12	6X25C14	14'-9 1/2"





DESCRIPTIO	<sup>N:</sup> FLOOF	R PLAN							
CUSTOMER:	Mega Sta	rage			PROJECT:	Bldg 2			
LOCATION:	Lee's S	ummit, MO							
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.
JB	DES	1/21/22	N.T.S.	00			4	OF	15



ENDWALL SHEETING & TRIM FRAME LINE: A PANELS: 20 Ga. CP



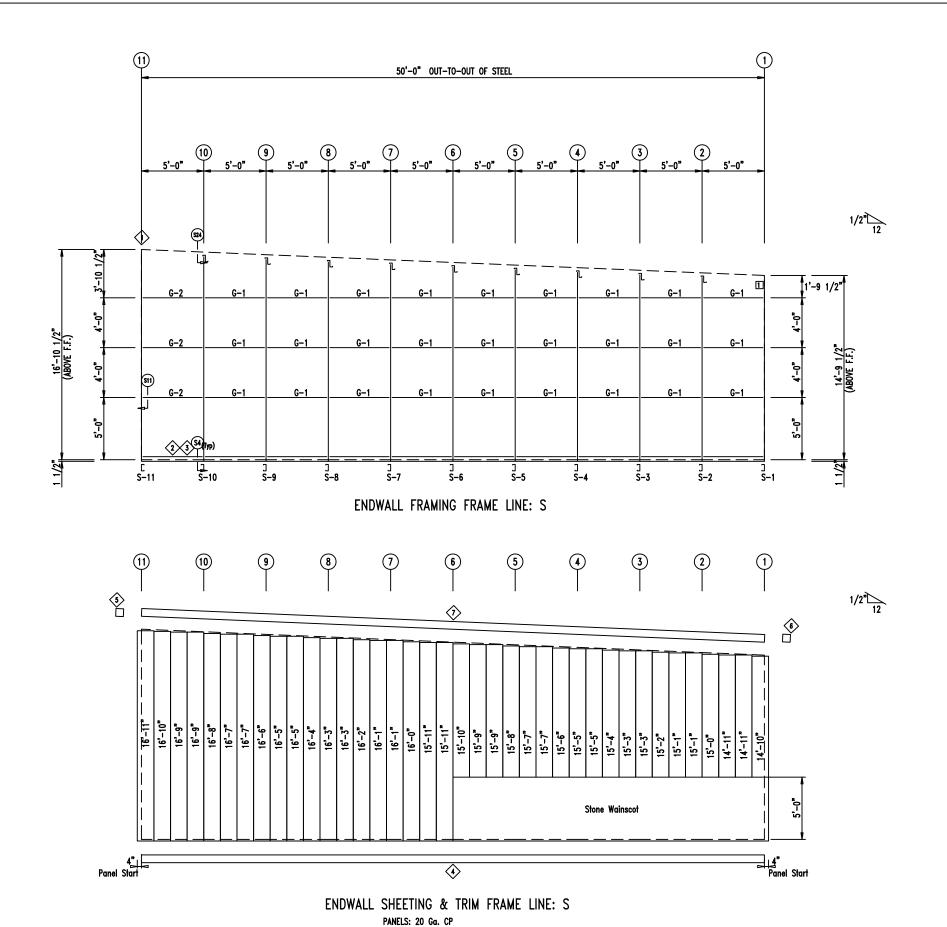
							Hint	Maren	
DESCRIPTION: ENDWALL DRAWING									
CUSTOMER:	Mega Sta	rage			PROJECT:	Bldg 2			
LOCATION:	Lee's S	ummit, MO							
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.
JB	DES	1/21/22	N.T.S.	00			5	OF	15

TRIM	TABLE		
♦ID	PART	LENGTH	DETAIL
4	FL72	10'-2"	TRIM_74
5	FL16A	6"	
6	FL16A	6"	
7	FL16	10'-2"	TRIM_229
8	FL16D	20'-2"	TRIM_229
	·		

LIEUDED T	DI F	
MEMBER TA	/RFF	
MARK	PART	LENGTH
S-1	6X2C16	14'-9 1/2"
S-2	6X2C16	15'-0" <sup>′</sup>
S-3	6X2C16	15'-2 1/2"
S-4	6X2C16	15'-5"
Š-5	6X2C16	15'-7 1/2"
S-6	6X2C16	15'-10"
S-7	6X2C16	16'-0"1/2"
		16'-3"
S-8	6X2C16	10 -3
S-9	6X2C16	16'-5" 1/2"
S-10	6X2C16	16 <b>'-</b> 8 <u>"</u>
S-11	6X2C16	17'-0"
G-1	4X20C16	4'-9 1/2"
G-2	4X20C16	<b>4'-</b> 7 1/2"

ANGLE TABLE						
♦ID	MARK	LENGTH				
1	L3x3 BC-6	20'-0"				
2	BC-6	20'-0"				
3	BC-6	SCRAP				

<u> </u>		30171
	CONN	ECTION PLATES
	OUNT	LOHON I LAILS
1		MARK/PART
	שוט	MAKK/FAKI
	1	MCLP
		MCLI



 TRIM TABLE

 ◇ID PART
 LENGTH
 DETAIL

 4 FL72
 10'-2"
 TRIM\_74

 5 FL16A
 6"
 6"

 6 FL16A
 6"
 7 FL16D
 20'-2"
 TRIM\_229

MEMBER TA	ABLE	
MARK	PART	LENGTH
S−1	6X2C16	14'-9 1/2"
S-2	6X2C16	15'-0"
S-3	6X2C16	15'-2 1/2"
S-4		15'-2 1/2" 15'-5"
S-5		15'-7 1/2"
S-6		15'-10"
		16'-0 1/2"
		16'-0 1/2" 16'-3"
		16'-5_1/2"
		16'-8"
		17'-0"
		4'-9 1/2"
Ğ–ż	4X20C16	À'-7 1/2"
	MARK S-1 S-2 S-3 S-4 S-5 S-6 S-7 S-8 S-9 S-10 G-1	S-1 6X2C16 S-2 6X2C16 S-3 6X2C16 S-4 6X2C16 S-5 6X2C16 S-6 6X2C16 S-7 6X2C16 S-8 6X2C16 S-9 6X2C16 S-9 6X2C16 S-10 6X2C16 S-11 6X2C16 G-1 4X2OC16

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i angli	ANGLE TABLE							
∧ IN	MADIZ	LENCTH						
\(\sigma\)	MAKK							
1	L3x3	20'-0"						
2	BC-6	20'-0"						
=	100 0							
3	BC-6	SCRAP						
♦ ID 1 2 3	MARK L3x3 BC-6 BC-6	LENGTH 20'-0" 20'-0" SCRAP						

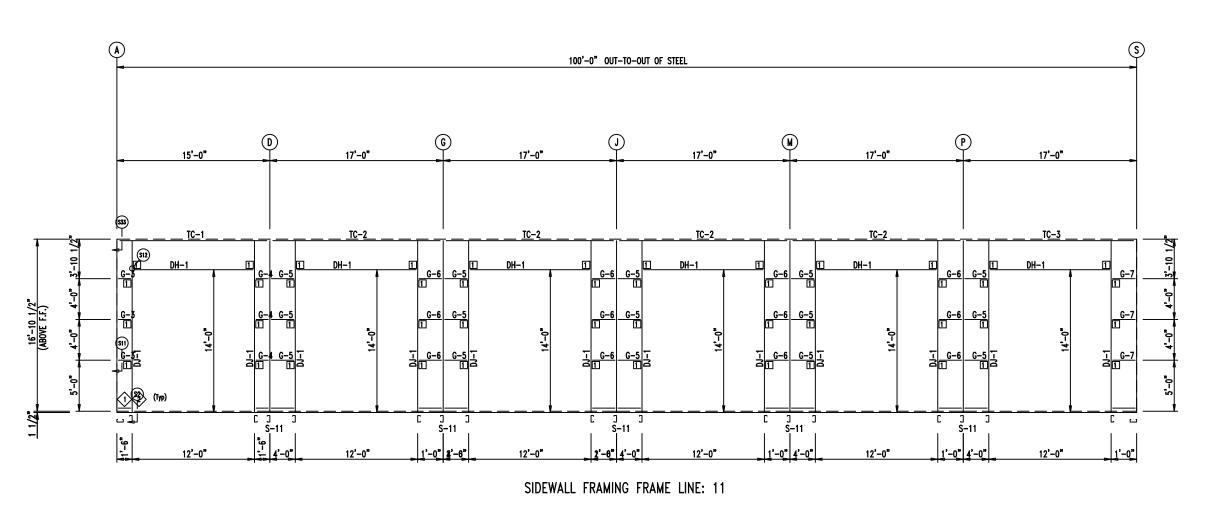
CONNECTION PLATES

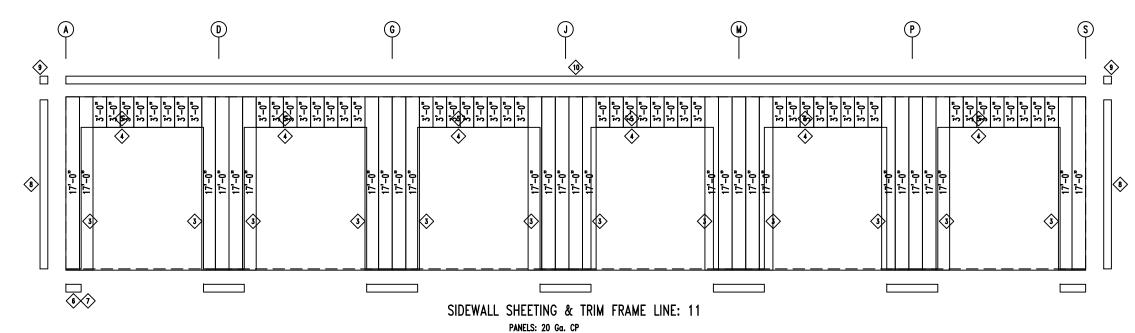
DID | MARK/PART | 1 | MCLP

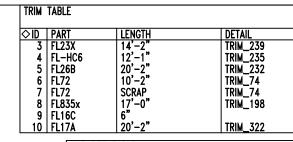




DESCRIPTION: ENDWALL DRAWING								
CUSTOMER: Mega Storage PROJECT: Bldg 2								
LOCATION: Lee's Summit, MO								
DRN. BY CK'D BY DATE SCALE REV.					QUOTATION NO.		SHEET NO.	
JB	DES	1/21/22	N.T.S.	00		6	OF 1	15







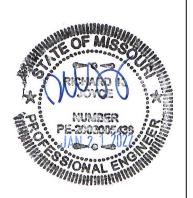
MEMBER T	ABLE	
MARK	PART	LENGTH
S-11	6X2C16	17'-0"
DJ-1	6X40C14	17'-0"
TC-1	6X2CH16	14'-11 3/4"
TC-2	6X2CH16	17'-0"
TC-3	6X2CH16	16'-11 3/4"
DH-1	6X25C16	11'-11 1/2"
G-3	4X20C16	8"
	4X20C16	11 3/4"
	4X20C16	2'-1'3/4"
	4X20C16	1'-11 3/4"
G-7	4X20C16	1'-8"
	MARK S-11 DJ-1 TC-1 TC-2 TC-3 DH-1 G-3 G-4 G-5 G-6	S-11 6X2C16 DJ-1 6X40C14 TC-1 6X2CH16 TC-2 6X2CH16 TC-3 6X2CH16 DH-1 6X25C16 G-3 4X20C16 G-4 4X20C16 G-5 4X20C16 G-6 4X20C16

ANGL	TABLE	
♦ID	MARK	LENGTH
1	BC-6	20'-0"
2	BC-6	SCRAP

CONNECTION PLATES

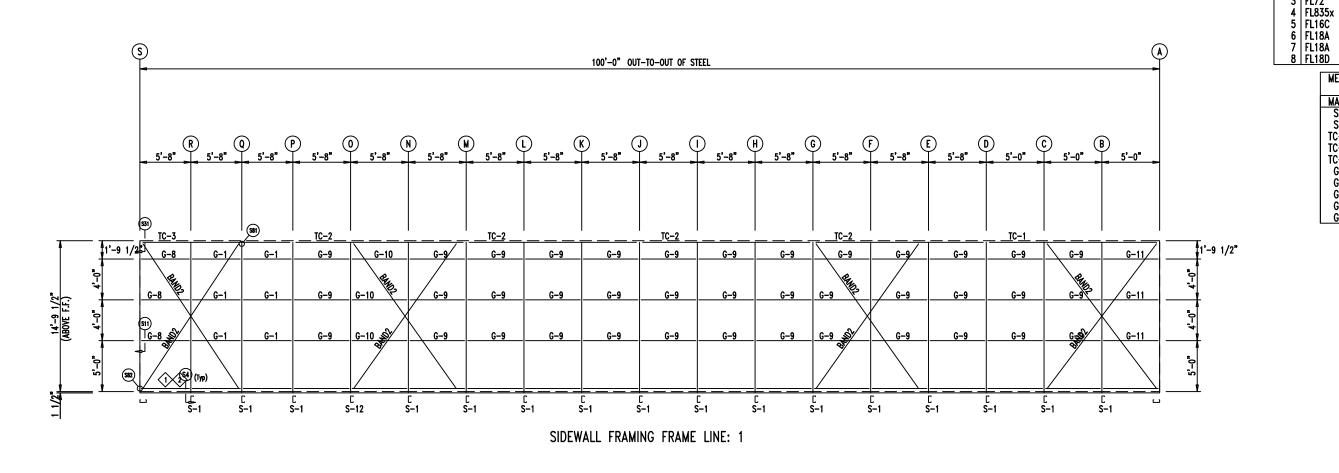
DID MARK/PART

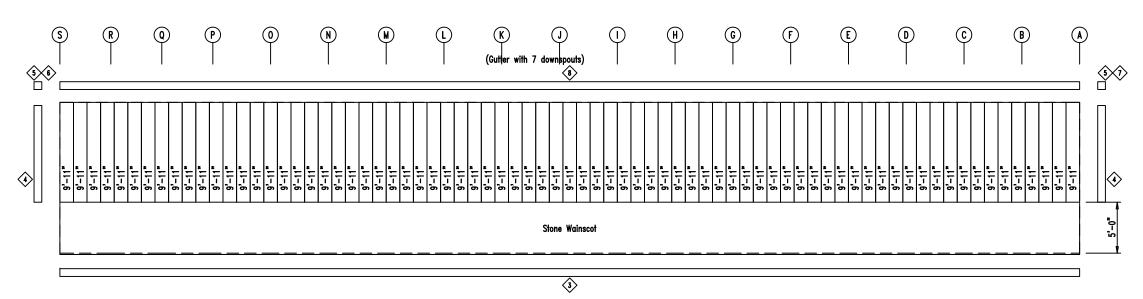
1 MCLP



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

_											
	DESCRIPTION: CIDEWALL DRAWING										
	SIDEWALL DRAWING										
	CUSTOMER: Mega Storage PROJECT: Bldg 2										
	LOCATION: Lee's Summit, MO										
	DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.	
	l JB	DES	1/21/22	N.T.S.	00			7	OF	15	





SIDEWALL SHEETING & TRIM FRAME LINE: 1
PANELS: 20 Ga. CP



DETAIL TRIM\_74 TRIM\_198

LENGTH

14'-9 1/2"

14'-9 1/2"

16'-11 3/4"

17'-0"

14'-11 3/4"

4'-9 1/2"

4'-5 3/4"

5'-5 1/2"

5'-5"

4'-11 3/4"

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

DESCRIPTION: SIDEWALL DRAWING										
CUSTOMER: Mega Storage PROJECT: Bldg 2										
LOCATION: Lee's Summit, MO							_			
ORN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET 1	10.	
JB	DES	1/21/22	N.T.S.	00			8	OF	15	

TRIM TABLE

MEMBER TABLE

PART 6X2C16

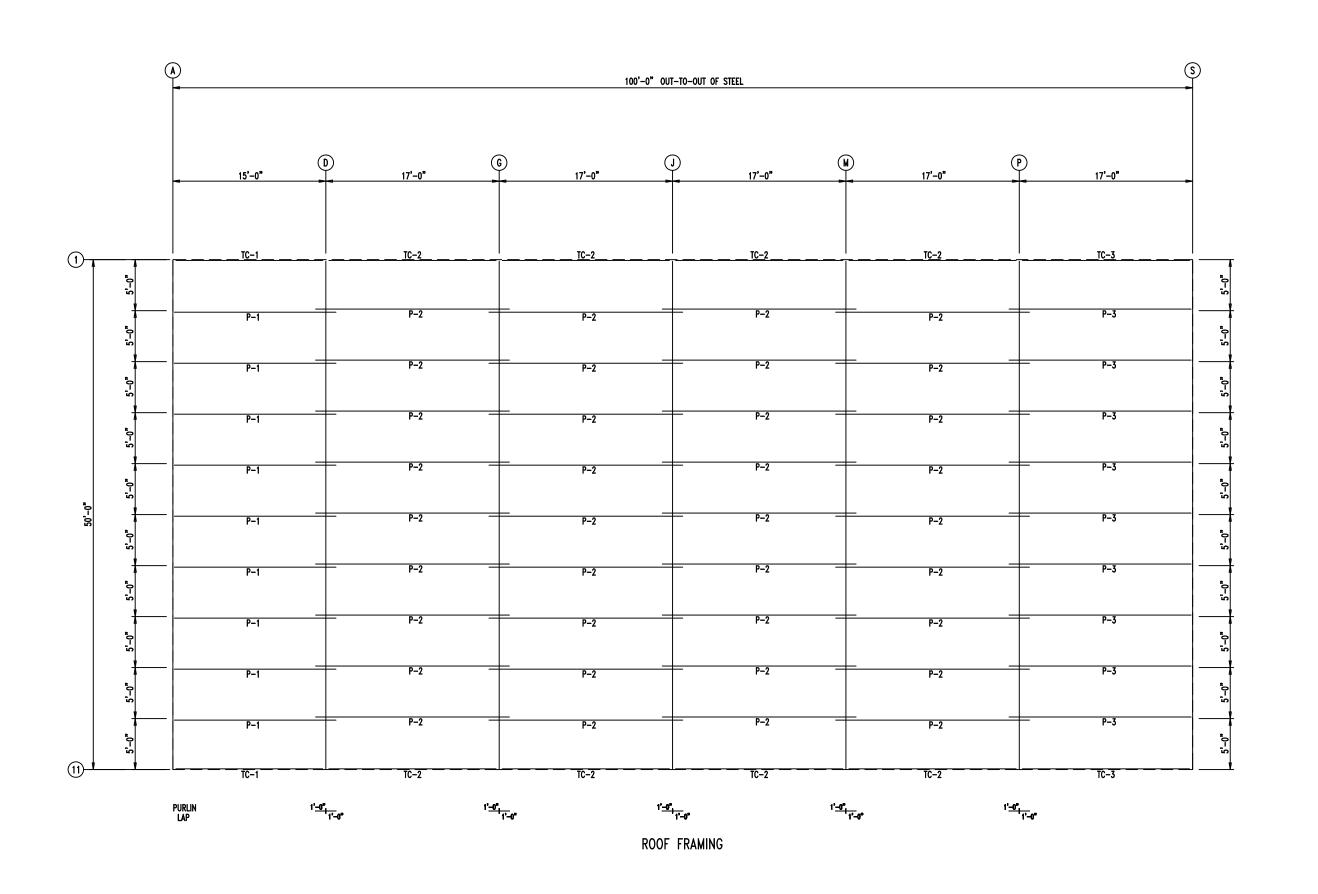
6X25C14 6X2CH16 6X2CH16

6X2CH16 4X20C16 4X20C16

4X20C16 4X20C16 4X20C16

ANGLE TABLE

MARK S-1 S-12 TC-1 TC-2 TC-3 G-1 G-8 G-9 G-10 G-11

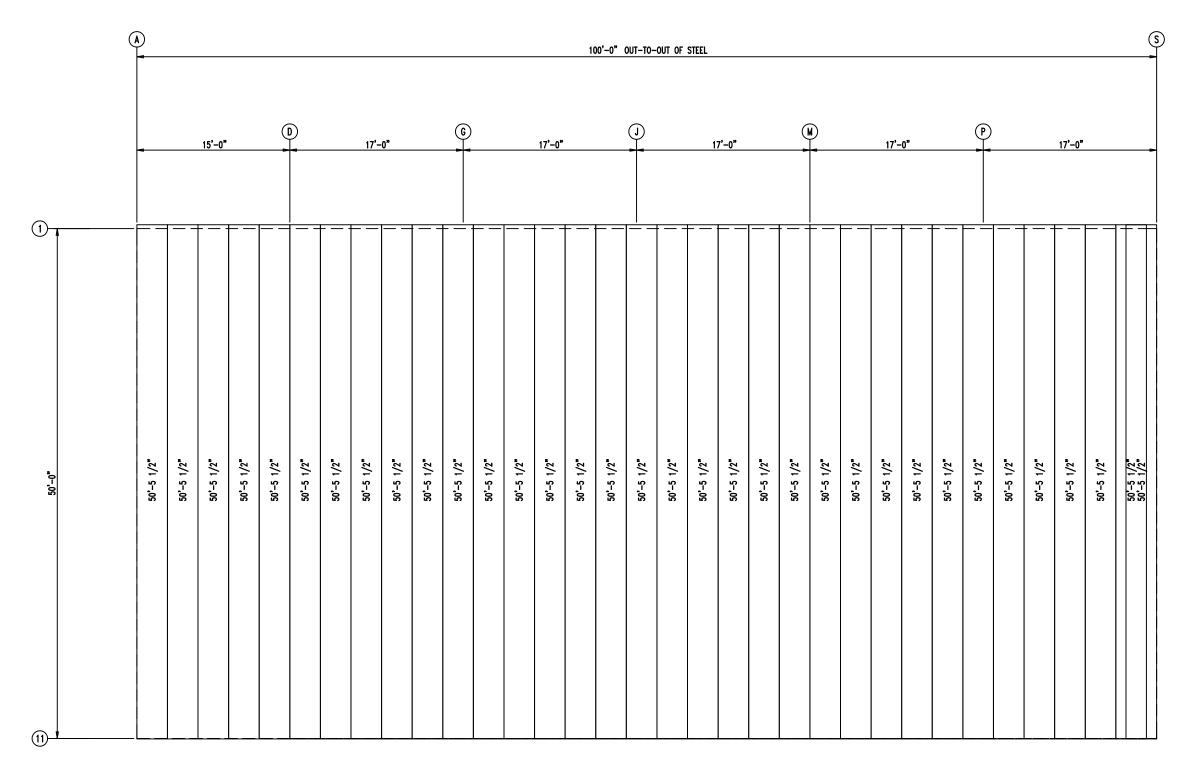


MEMBER	TABLE	
MARK	PART	LENGTH
TC-1	6X2CH16	14'-11 3/4"
TC-2	6X2CH16	17 <b>'</b> –0 <b>"</b> ′
TC-3	6X2CH16	16'-11 3/4"
P-1	8X25Z16	16'-0"
l P−2	8X25Z16	19'-0"
P-3	8X25Z16	18'-0"

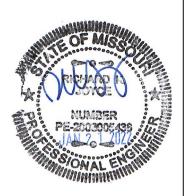


	PELLA BUILDING SYSTEMS
906 West	9th Street Pella, IA 50219
(800) 225-04	B1 www.pellabuildings.com

DESCRIPTIO	N: ROOF	FRAMING							
CUSTOMER:	Mega Sta	rage			PROJECT:	Bldg 2			
LOCATION:	Lee's S	ummit, MO							
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.
JB	DES	1/21/22	N.T.S.	00			9	OF	15



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



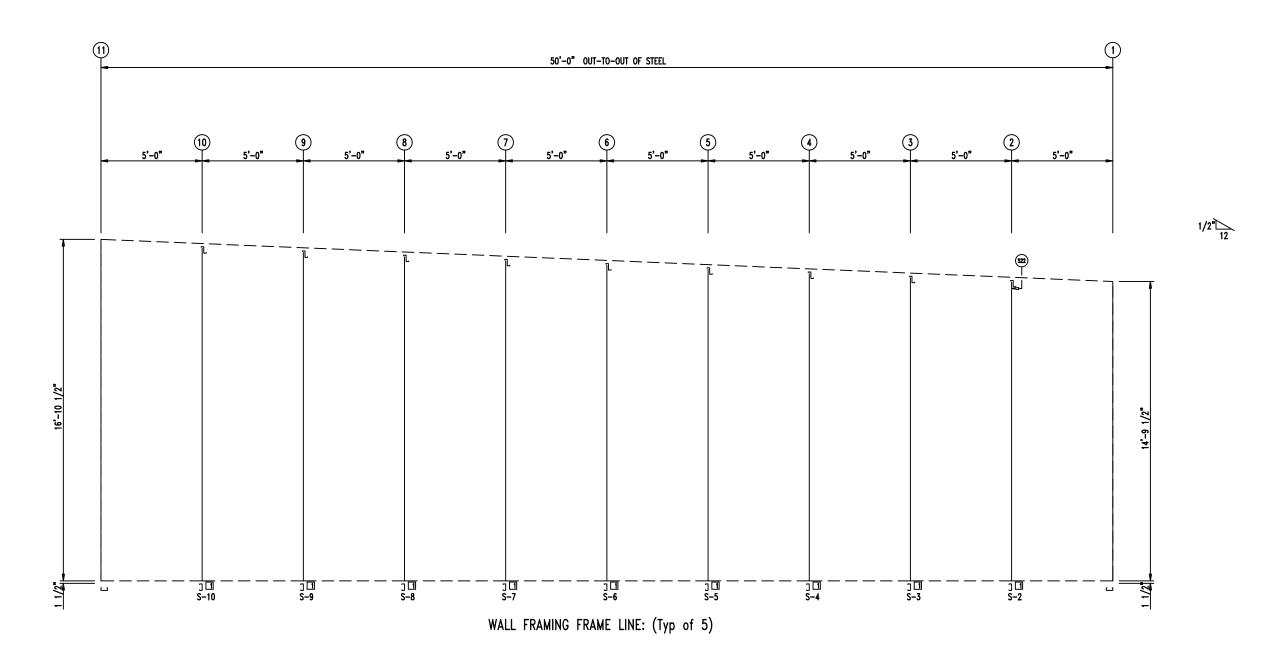


DESCRIPTIO	N: ROOF	SHEETING								
CUSTOMER:	Mega Sto	rage			PROJECT:	Bldg 2				
LOCATION:	Lee's S	ummit, MO								
ORN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET I	NO.	_
JB	DES	1/21/22	N.T.S.	00			10	OF	15	

MEMBER TA	\BLE	
MARK	PART	LENGTH
S−2	6X2C16	15'-0"
S-3	6X2C16	15'-2 1/2"
S-4 S-5	6X2C16	15'-5"
S-5	6X2C16	15'-7 1/2" 15'-10"
S-6	6X2C16	15'-10"°
S-7	6X2C16	16'-0 1/2"
S-8	6X2C16	16'-3"
S-9 S-10	6X2C16	16'-5 1/2"
S-10	642016	16'-8"

CONNECTION PLATES

DID | MARK/PART | 1 FC





PELLA BUILDING SYSTEMS
9th Street Pella, IA 50219

DESCRIPTIO	N: PARTI	TION FRAMIN	1G							
CUSTOMER:	Mega Sto	rage			PROJECT:	Bldg 2				
LOCATION:	Lee's S	ummit, MO								
ORN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.	
JB	DES	1/21/22	N.T.S.	00			11	OF	15	

(i)	10	9	8	7	6	5	4	3	2	1

24'-11"	25'-0"
24'-11"	25'-0"
24'-11"	25'-0"
24'-11"	25'-0"
24'-11"	25'-0"

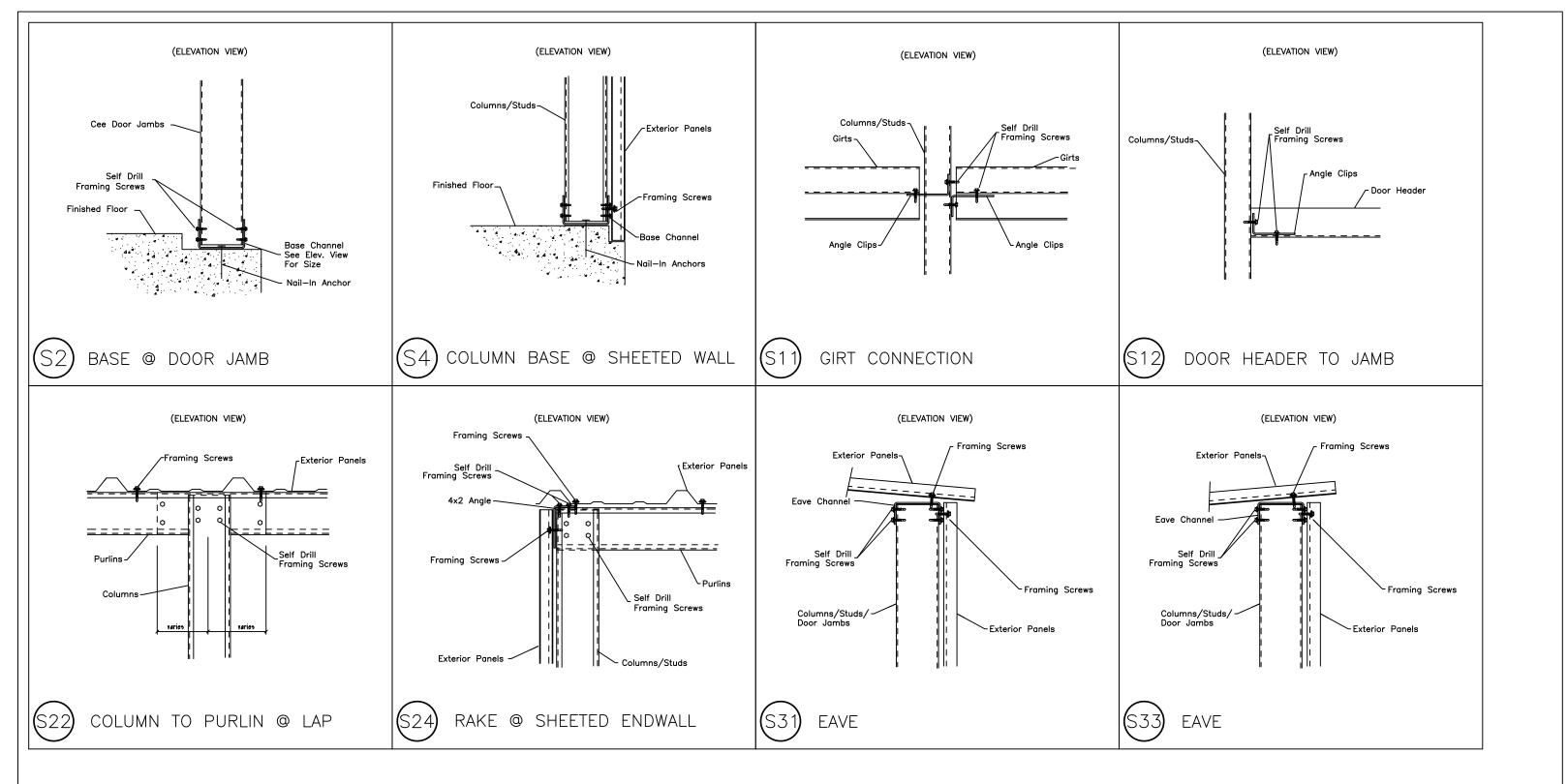
1/2" 12

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





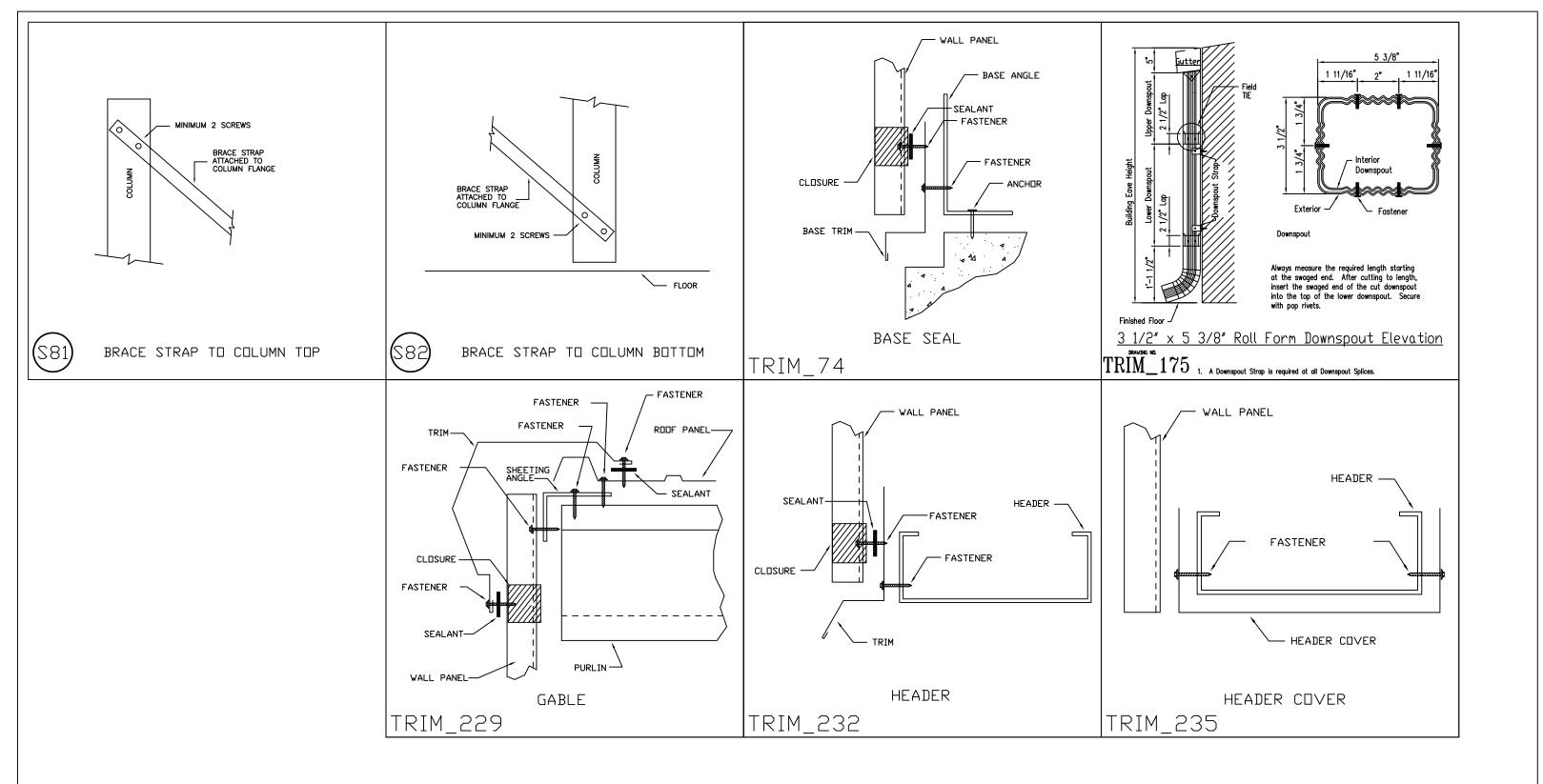
ESCRIPTIO	N: PARTI	TION SHEET	ING							
CUSTOMER: Mega Storage PROJECT: Bldg 2										
OCATION:	Lee's S	iummit, MO								
RN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.	
JB	DES	1/21/22	N.T.S.	00			12	OF	15	







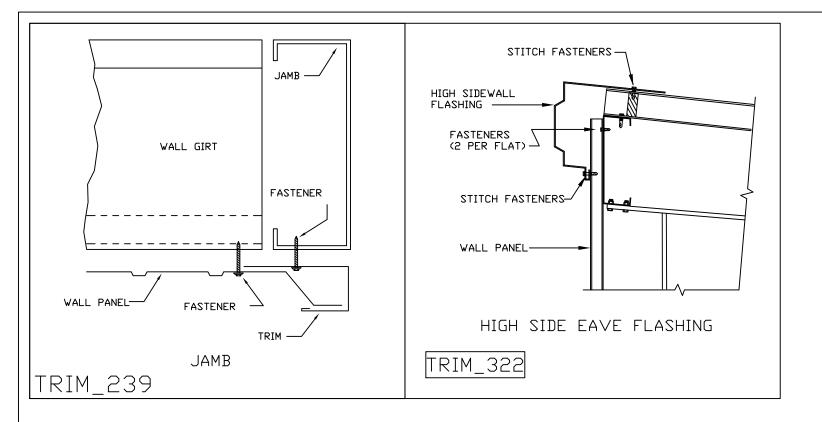
DESCRIPTIO	<sup>N:</sup> DETAI	L DRAWINGS								
CUSTOMER:	Mega Sta	rage			PROJECT:	Bldg 2				
LOCATION:	Lee's S	ummit, MO								
ORN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.	_
JB	DES	1/21/22	N.T.S.	00			13	OF	15	







DESCRIPTIO	DETAIL DRAWINGS								
CUSTOMER:	CUSTOMER: Mega Storage PROJECT: Bldg 2								
LOCATION:	Lee's S	ummit, MO							
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATION NO.	SHEET NO.			
JB	DES	1/21/22	N.T.S.	00		14 OF 15			







	DETAIL DRAWINGS						
١	CUSTOMER: Mega Storage PROJECT: Bldg						
	LOCATION: Lee's Summit, MO						
	DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATION NO.	SHEET NO.
	JB	DES	1/21/22	N.T.S.	00		15 OF 15