

## PELLA

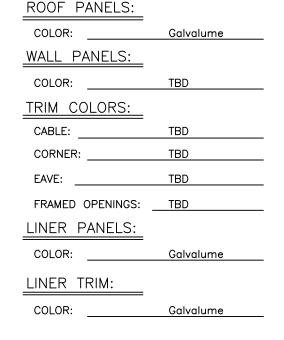
BUILDING SYSTEMS

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

(80	0) 2	225	) — () 4	481	www.p				
BUILDING LOADS / [	BUILDING LOADS / DESCRIPTION:								
WIDTH:50 LENG' (BUILDING DIMENSIONS ARE	ΓΗ: <u>100</u> NOMINA	L. RE	HE FER TO	IGHT: <u>14</u> ) PLANS)	.79 /16.88				
THIS STRUCTURE IS DESIGN AND APPLIED AS REQUIRED				DADS IND	ICATED .				
THE CONTRACTOR IS TO CO									
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	мРН							
WIND EXPOSURE:	С								
INTERNAL PRESSURE COEFF	<u>.:</u>								
0.18 / 0.	18								
IMPORTANCE FACTORS:									
WIND LOAD 1.0									
SNOW LOAD 1.0	_ _								
SEISMIC LOAD 1.0	_								
SITE CLASS:	D								
SEISMIC ZONE:									
SEISMIC DESIGN CATEGORY:	B								
SPECTRAL RESPONSE COEFI	<u>=</u> .								
Sds	0.107								
Sd1	0.109								
MAPPED SPECTRAL RESPON	SE ACC.								
Ss	0.100								

0.068

S1



## **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

IT IS THE RESPONSIBILITY OF THE BUILDER/CONTRACTOR TO INSURE THAT THE BUILDER/CONTRACTOR TO INSURE THAT THE BUILDING COMPLY WITH THE APPLICABLE REQUIREMENTS COMPLY MITH THE APPLICABLE REQUIREMENTS COMPLY MITH MISSOURI GOVERNING BUILDING AUTHORITIES. THE SUPPLYING OF SEALED ENGINEERING DATAMAN 2022

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

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.)

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 THE 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.

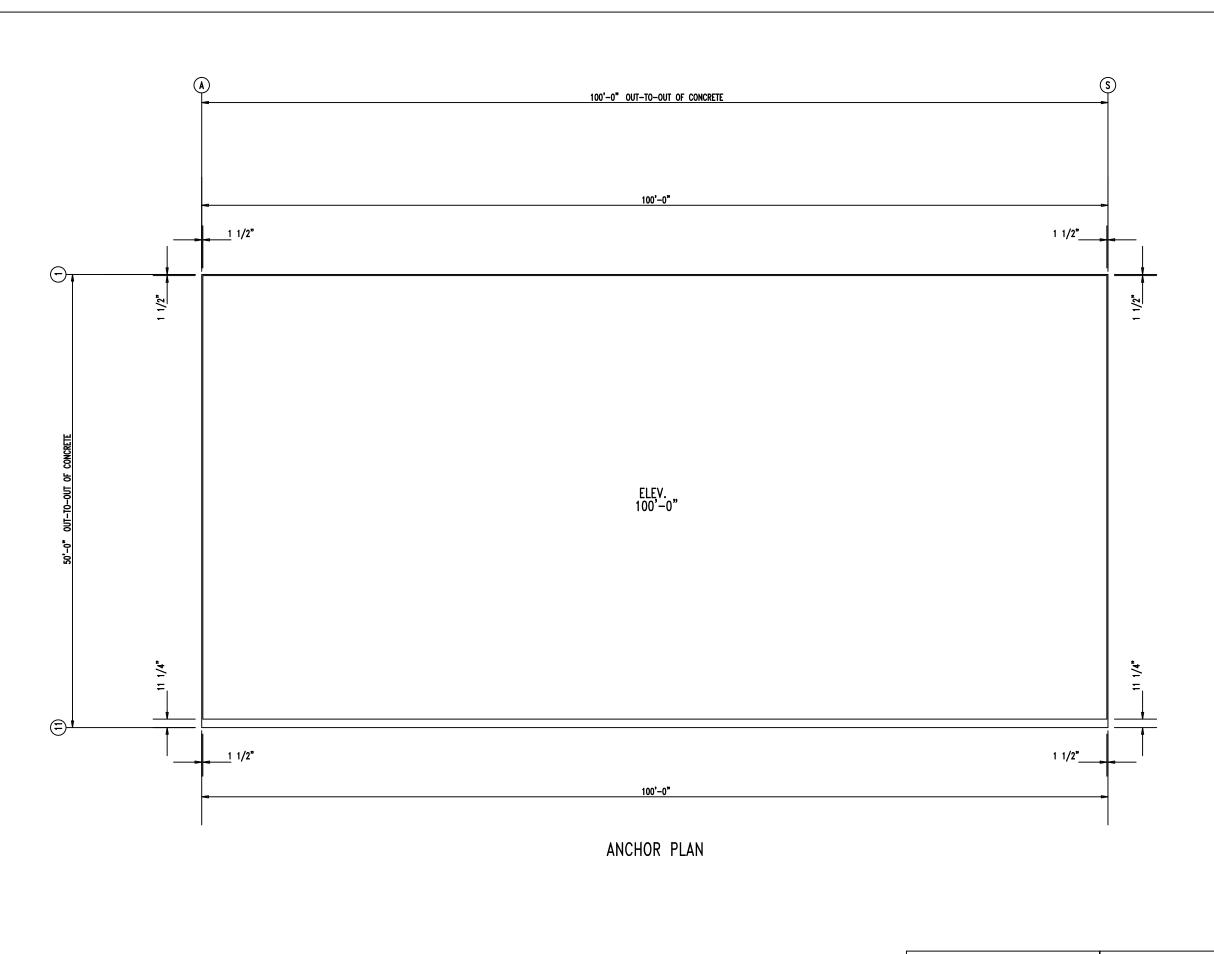
IMPORTANT NOTE: FINAL DETAILING, FABRICATION, AND DELIVERY DATE OF THIS PROJECT CANNOT BE COMPLETED UNTIL THE SIGNED APPROVALS ARE RETURNED TO THE METAL BUILDING MANUFACTURER.

PRIVATE A				
( NOTOWOE )				
NUMBER				
PE-2003005439				
	A		FOR CONSTRUCTION	
WINNHAMMENT TO THE PARTY OF THE		1/21/22	FOR APPROVAL	
	l rev.	DATE	REVISION	

PURCHASER: Mega Storage

PROJECT: Lee's Summit, MO

JOB NUMBER: 2022-02



RELEASED FOR
CONSTRUCTION
As Noted on Plans Review

Development Services Department
Lee's Summit, Missouri
04/19/2022

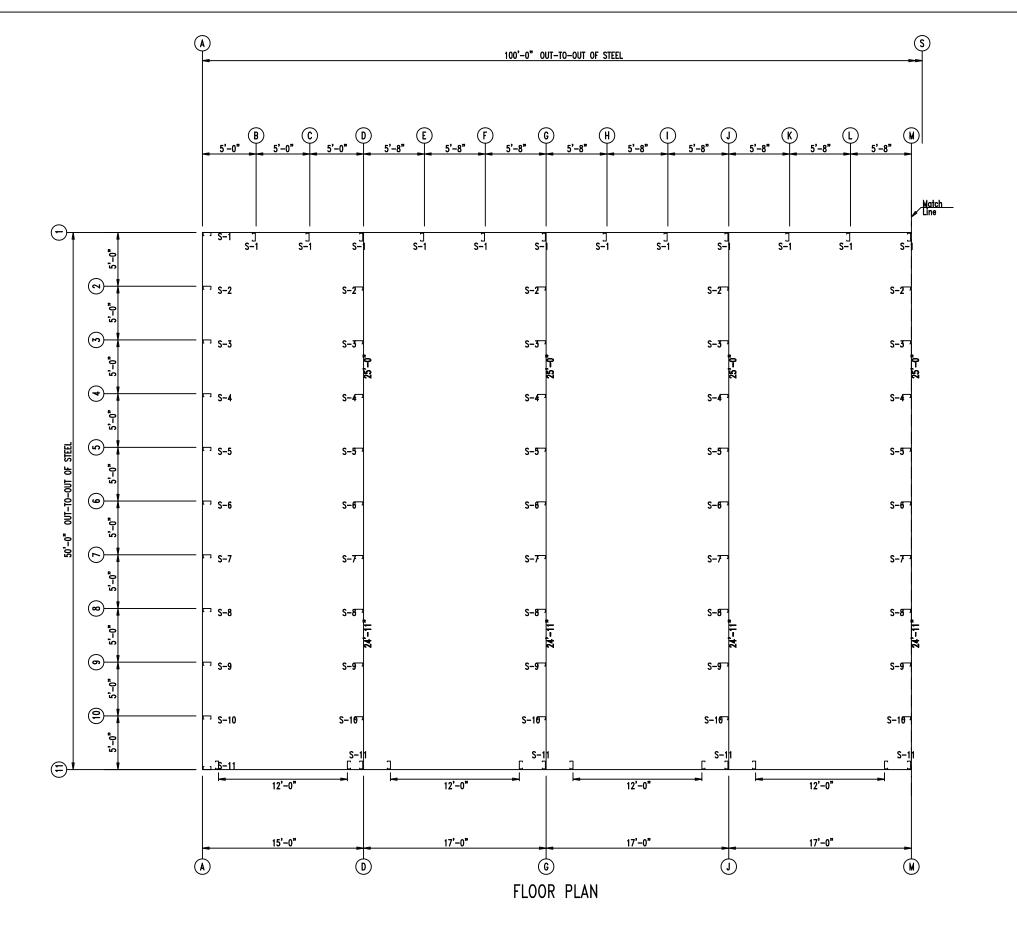
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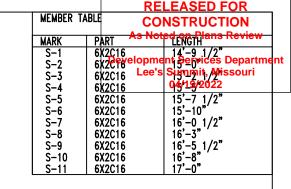
NUMBER
PE-2002005439

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	PELLA BUILDING SYSTEMS
906 West	9th Street Pella, IA 50219
(800) 225-04	81 www.pellabuildings.com

ME ANCH	OR PLAN								
Mega Sta	rage			PROJECT:	Bldg 2				
Lee's S	ummit, MO								_
CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.	_
DES	1/21/22	N.T.S.	00			2	OF	15	
	Mega Sta Lee's S CK'D BY	Mega Storage Lee's Summit, MO CK'D BY DATE	ANCHOR PLAN  Mega Storage  Lee's Summit, MO  CK'D BY DATE SCALE	ANCHOR PLAN  Mega Storage  Lee's Summit, MO  CK'D BY DATE SCALE REV.	ANCHOR PLAN  Mega Storage PROJECT:  Lee's Summit, MO  CK'D BY DATE SCALE REV. QUOTAT	ANCHOR PLAN  Mega Storage PROJECT: Bldg 2  Lee's Summit, MO  CK'D BY DATE SCALE REV. QUOTATION NO.	ANCHOR PLAN  Mega Storage PROJECT: Bldg 2  Lee's Summit, MO  CK'D BY DATE SCALE REV. QUOTATION NO.	ANCHOR PLAN  Mega Storage PROJECT: Bldg 2  Lee's Summit, MO  CK'D BY DATE SCALE REV. QUOTATION NO. SHEET I	ANCHOR PLAN  Mega Storage PROJECT: Bldg 2  Lee's Summit, MO  CK'D BY DATE SCALE REV. QUOTATION NO. SHEET NO.

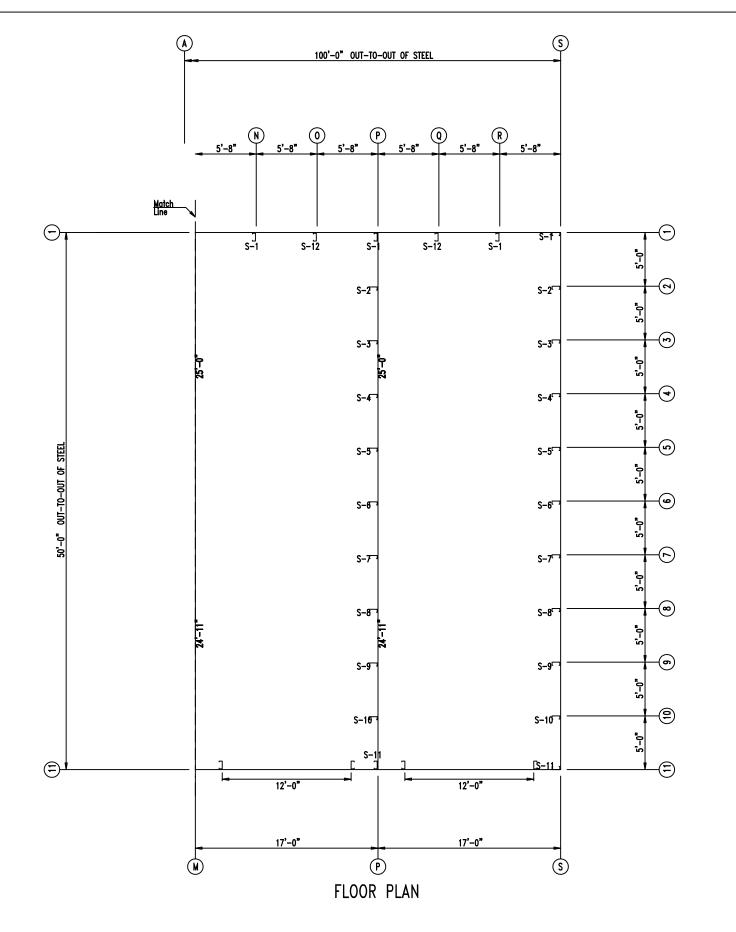


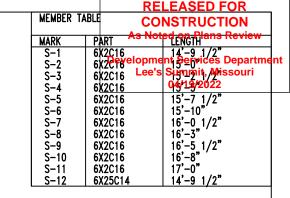




	PELLA
	BUILDING SYSTEMS
906 West	9th Street Pella, IA 50219

DESCRIPTION: FLOOR PLAN								
CUSTOMER:	Mega Sta	orage			PROJECT: Bldg 2			
LOCATION: Lee's Summit, MO								
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATION NO.		SHEET	١٥.
JB	DES	1/21/22	N.T.S.	00		3	OF	15

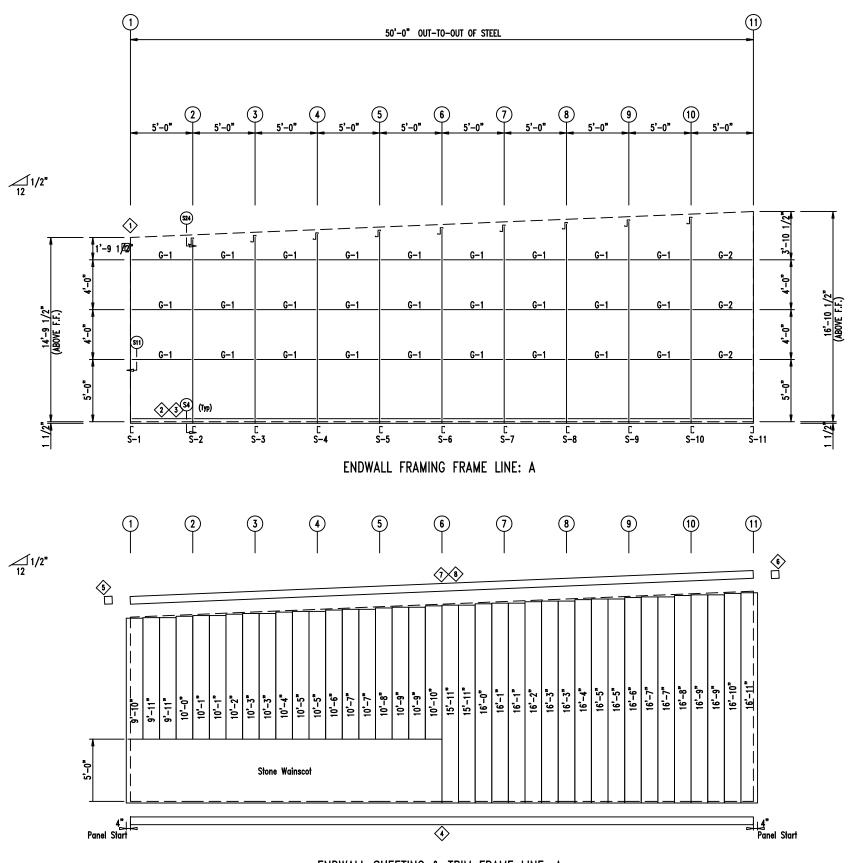




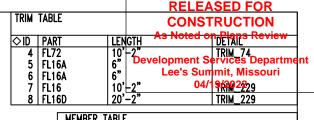


	<b>PELLA</b>
	BUILDING SYSTEMS
906 West	9th Street Pella, IA 50219

	FLOOR PLAN									
	CUSTOMER:	Mega Sto	rage			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		4	OF	15	



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



MEMBER TA	BLE	·
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"
S-4 S-5	6X2C16	15'-7 1/2"
S-6	6X2C16	15'-10"
S-7	6X2C16	16'-0 1/2"
S-8	6X2C16	16'-0 1/2" 16'-3"
S-9	6X2C16	16'-5 1/2"
S-10	6X2C16	16'-8"
S-11	6X2C16	17'-0"
Ğ-1	4X20C16	4'-9"1/2"
Ğ-2	4X20C16	$\frac{1}{4}$ , $\frac{1}{7}$ , $\frac{1}{7}$ , $\frac{7}{2}$ .

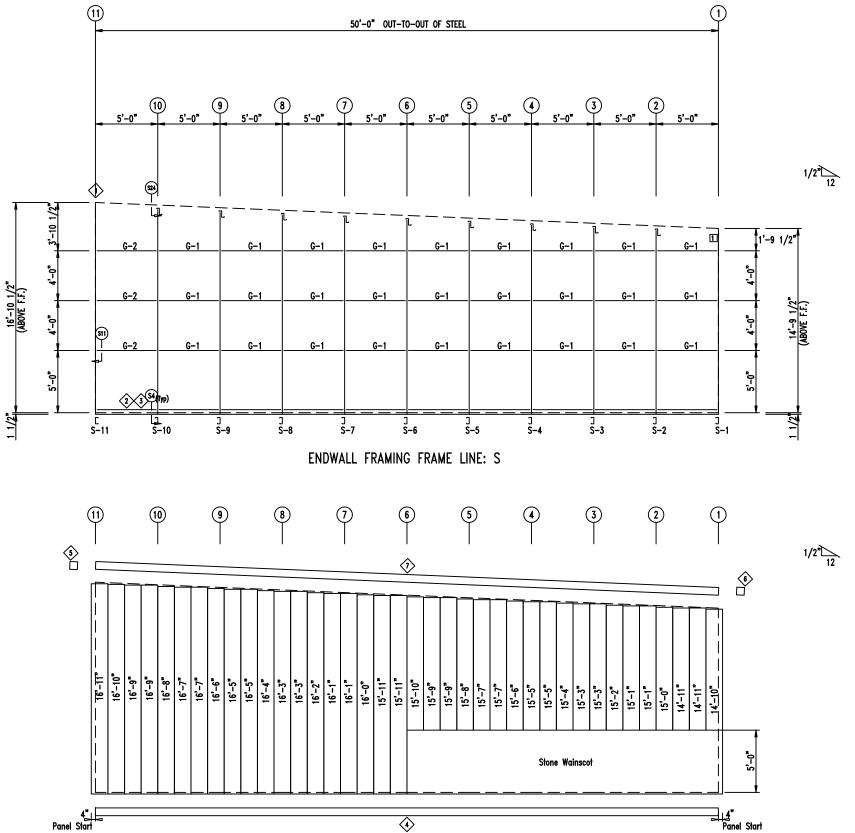
ANGLI	TABLE	
♦ID	MARK	LENGTH
1	L3x3 BC-6 BC-6	20'-0"
2	BC-6	20'-0"
3	BC-6	SCRAP

CONN	ECTION PLATES	
	MARK/PART	
1	MCLP	



	PELLA BUILDING SYSTEMS
906 West 91	th Street Pella, IA 50219
(800) 225-0481	www.pellabuildings.com

DESCRIPTION: ENDWALL DRAWING										
CUSTOMER: Mega Storage PROJECT: Bldg 2										
LOCATION:	Lee's S	ummit, MO								
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATION N	10.		SHEET	NO.	
JB	DES	1/21/22	N.T.S.	00			5	OF	15	



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





DESCRI	DESCRIPTION: ENDWALL DRAWING									
CUSTO	MER:	Mega Sto	orage			PROJECT:	Bldg 2			
LOCATI	ON:	Lee's S	ummit, MO							
DRN. E	3Y	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.
JB		DES	1/21/22	N.T.S.	00			6	OF	15

RELEASED FOR

**CONSTRUCTION** 

As Noted on Plans Review DE All Plant Services Departr Lee's Summit, Missouri

04/1<mark>9/20/22</mark>29

LENGTH 20'-0" 20'-0" SCRAP

CONNECTION PLATES

□ID | MARK/PART 1 | MCLP

TRIM TABLE

◇ID PART
 4 FL72
 5 FL16A
 6 FL16A
 7 FL16D

MEMBER TABLE

PART 6X2C16 6X2C16

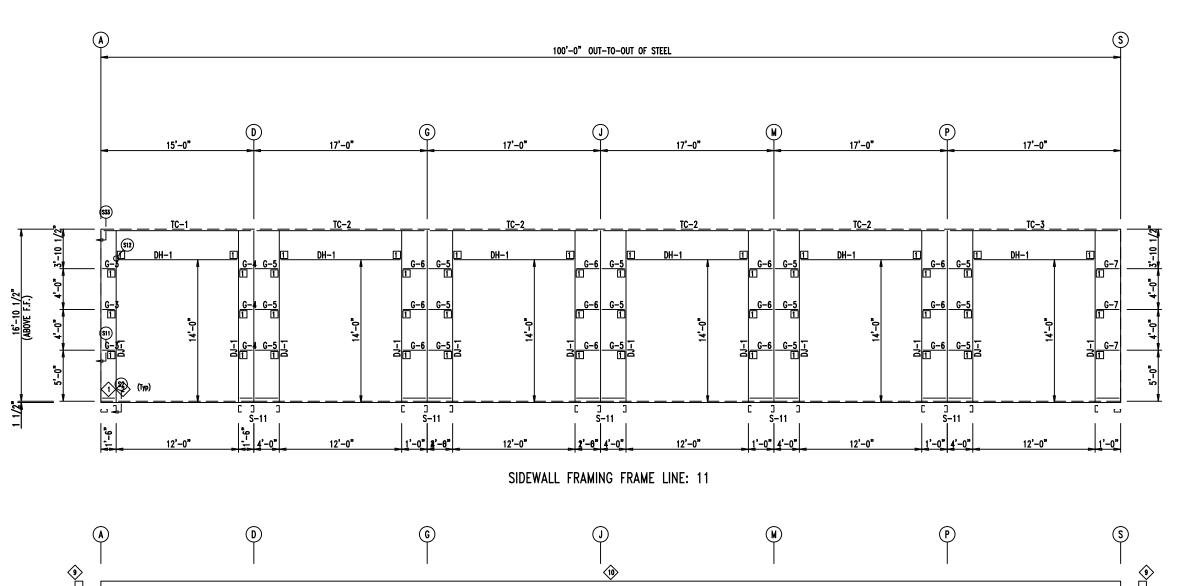
6X2C16 6X2C16 6X2C16 6X2C16 6X2C16 6X2C16 6X2C16

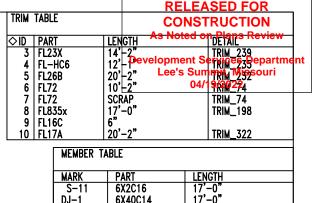
6X2C16 6X2C16 4X20C16 4X20C16

ANGLE TABLE

◇ID MARK
1 L3x3
2 BC-6
3 BC-6

MARK S-1 S-2 S-3 S-4 S-5 S-6 S-7 S-8 S-9 S-10 S-11 G-1 G-2



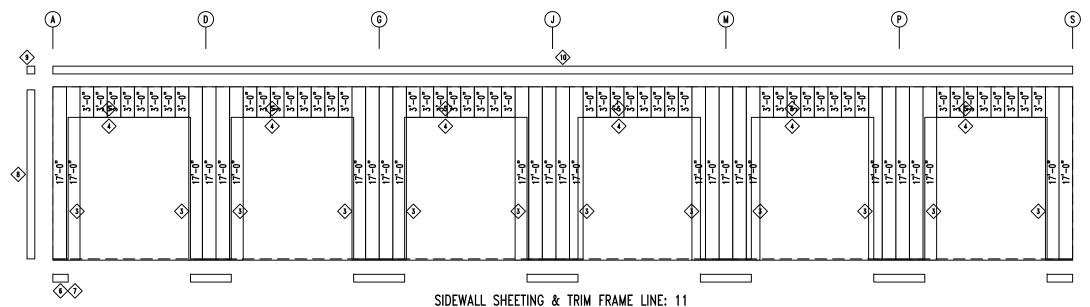


MEMBEK I	MEMBER TABLE						
MARK	PART	LENGTH					
S-11	6X2C16	17'-0"					
DJ-1	6X40C14	17'-0"					
TC-1	6X2CH16	14'-11 3/4"					
TC-2	6X2CH16	17'-0" ´					
TC-3	6X2CH16	16'-11 3/4"					
DH-1	6X25C16	11'-11 1/2"					
G-3	4X20C16	8"					
G-4	4X20C16	11 3/4"					
G-5	4X20C16	2'-1'3/4"					
G-6	4X20C16	1'-11 3/4"					
Ğ-7	4X20C16	1'-8"					

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

CONNECTION PLATES

DID MARK/PART
1 MCLP

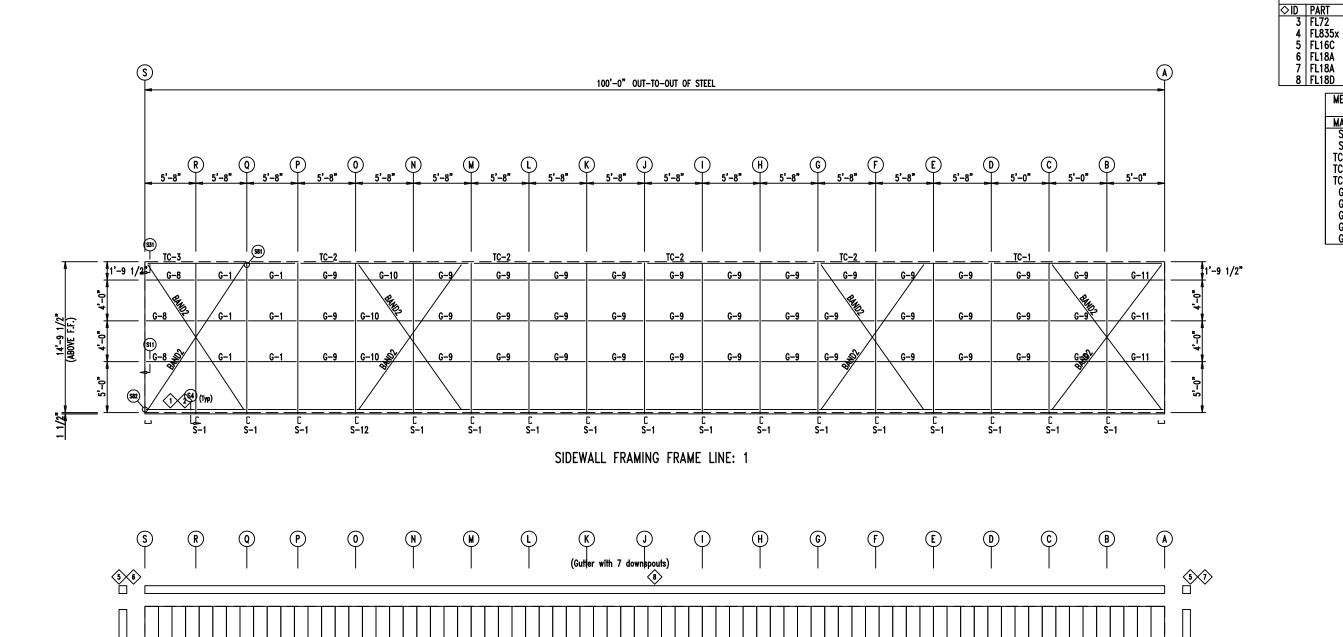


PANELS: 20 Ga. CP



PELLA BUILDING SYSTEMS
9th Street Pella, IA 50219

DESCRIPTIO	SIDEWALL DRAWING								
CUSTOMER:	CUSTOMER: Mega Storage PROJECT: Bldg 2								
LOCATION:	Lee's S	ummit, MO							
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET I	١٥.
JB	DES	1/21/22	N.T.S.	00			7	OF	15



Stone Wainscot

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



RELEASED FOR

**CONSTRUCTION** 

As Noted on Plans Review DETAILS elopment Service 10 Plant Lee's Summit, Missouri 04/19/2022

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"

TRIM TABLE

MEMBER TABLE

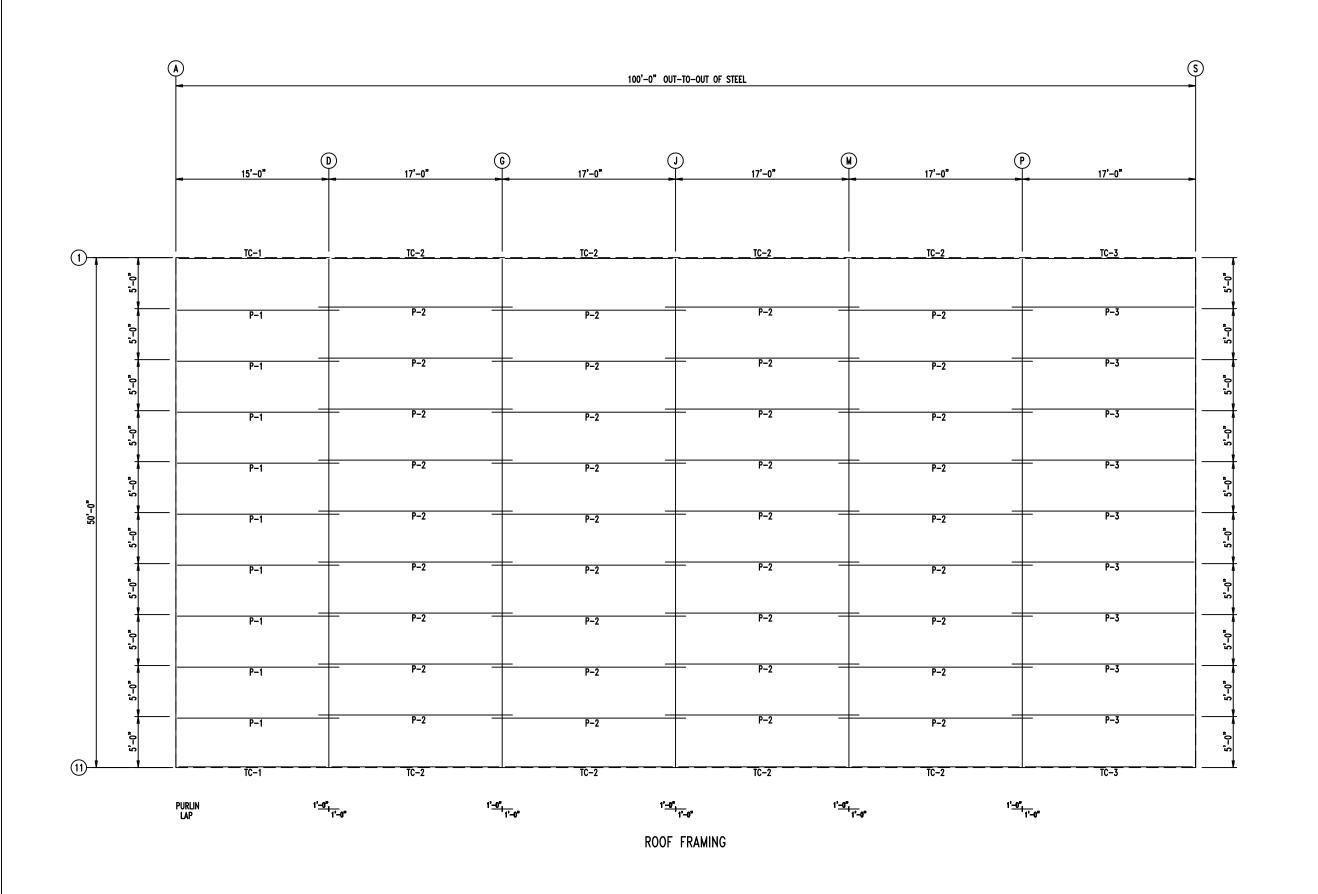
PART 6X2C16 6X25C14 6X2CH16

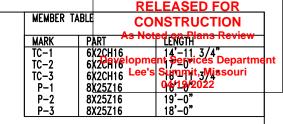
6X2CH16 6X2CH16 4X20C16 4X20C16 4X20C16 4X20C16 4X20C16

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

PELLA BUILDING SYSTEMS	
906 West 9th Street Pella, IA 50219	Ī

DESCRIPTIO	DESCRIPTION: SIDEWALL DRAWING								
CUSTOMER:	CUSTOMER: Mega Storage PROJECT: Bldg 2								
LOCATION:	LOCATION: Lee's Summit, MO								
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATIO	N NO.		SHEET I	١٥.
JB	DES	1/21/22	N.T.S.	00			8	OF	15





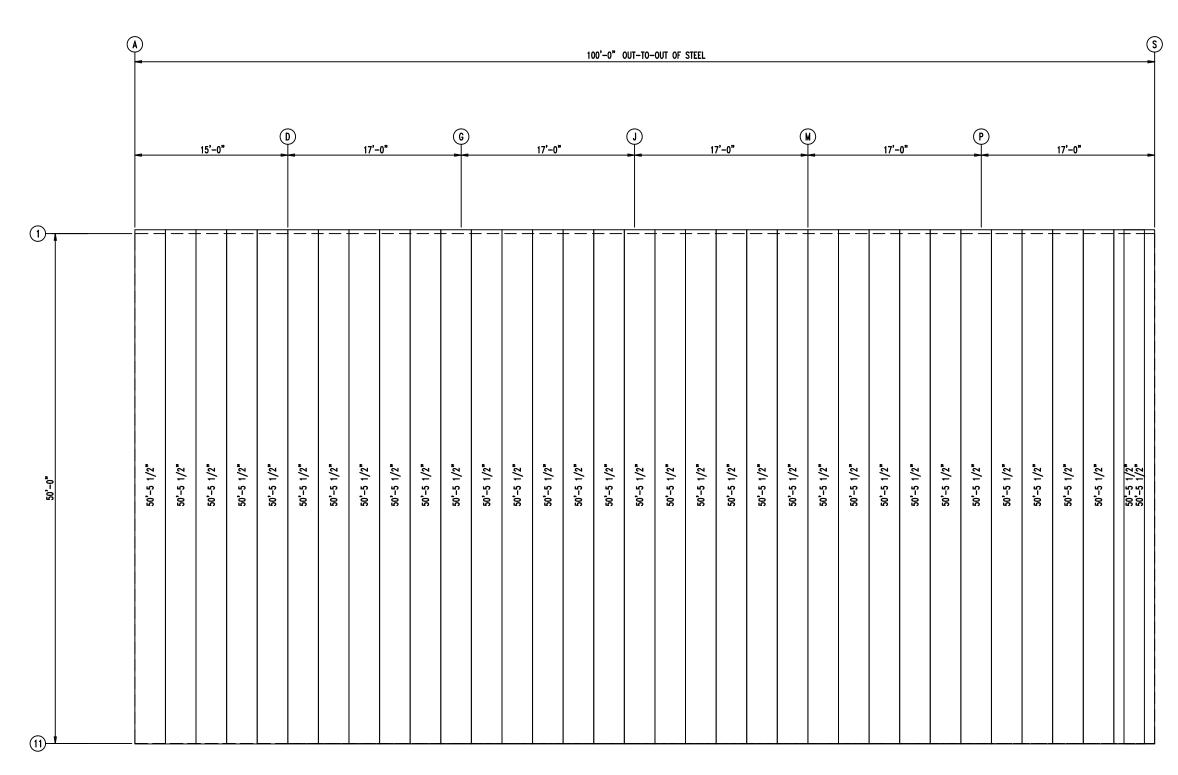


	PELLA BUILDING SYSTEMS
906 West	9th Street Pella, IA 50219

DESCRIPTIO	N: ROOF	FRAMING						
CUSTOMER:	Mega Sta	orage			PROJECT: Bldg 2			
LOCATION:	Lee's S	ummit, MO						
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATION NO.		SHEET I	١٥.
JB	DES	1/21/22	N.T.S.	00		9	OF	15

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As Noted on Plans Review

Development Services Department Lee's Summit, Missouri 04/19/2022



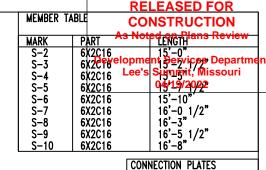
ROOF SHEETING & TRIM

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



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

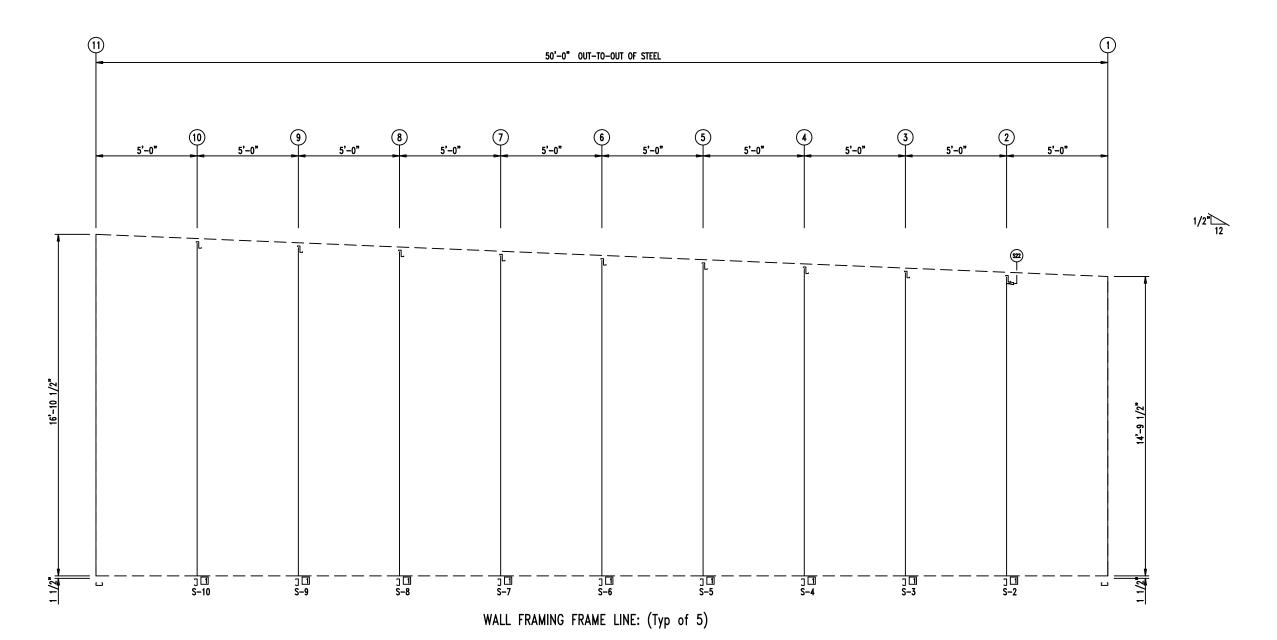
DESCRIPTIO	N: ROOF	SHEETING				
CUSTOMER:	Mega Sto	rage			PROJECT: Bldg 2	2
LOCATION:	Lee's S	ummit, MO				
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATION NO.	SHEET NO.
JB	DES	1/21/22	N.T.S.	00		10 OF 15



CONNECTION PLATES

DID | MARK/PART

1 | FC





PELLA BUILDING SYSTEMS
9th Street Pella, IA 50219

DESCRIPTION: PARTITION FRAMING  CUSTOMER: Mega Storage PROJECT: Bldg 2										
CUSTOMER:	Mega Sto	rage			PROJECT:	Bldg 2				
PARTITION FRAMING										
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET I	NO.	
JB	DES	1/21/22	N.T.S.	00			11	OF	15	

Development Services Department Lee's Summit, Missouri 04/19/2022

11)	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"

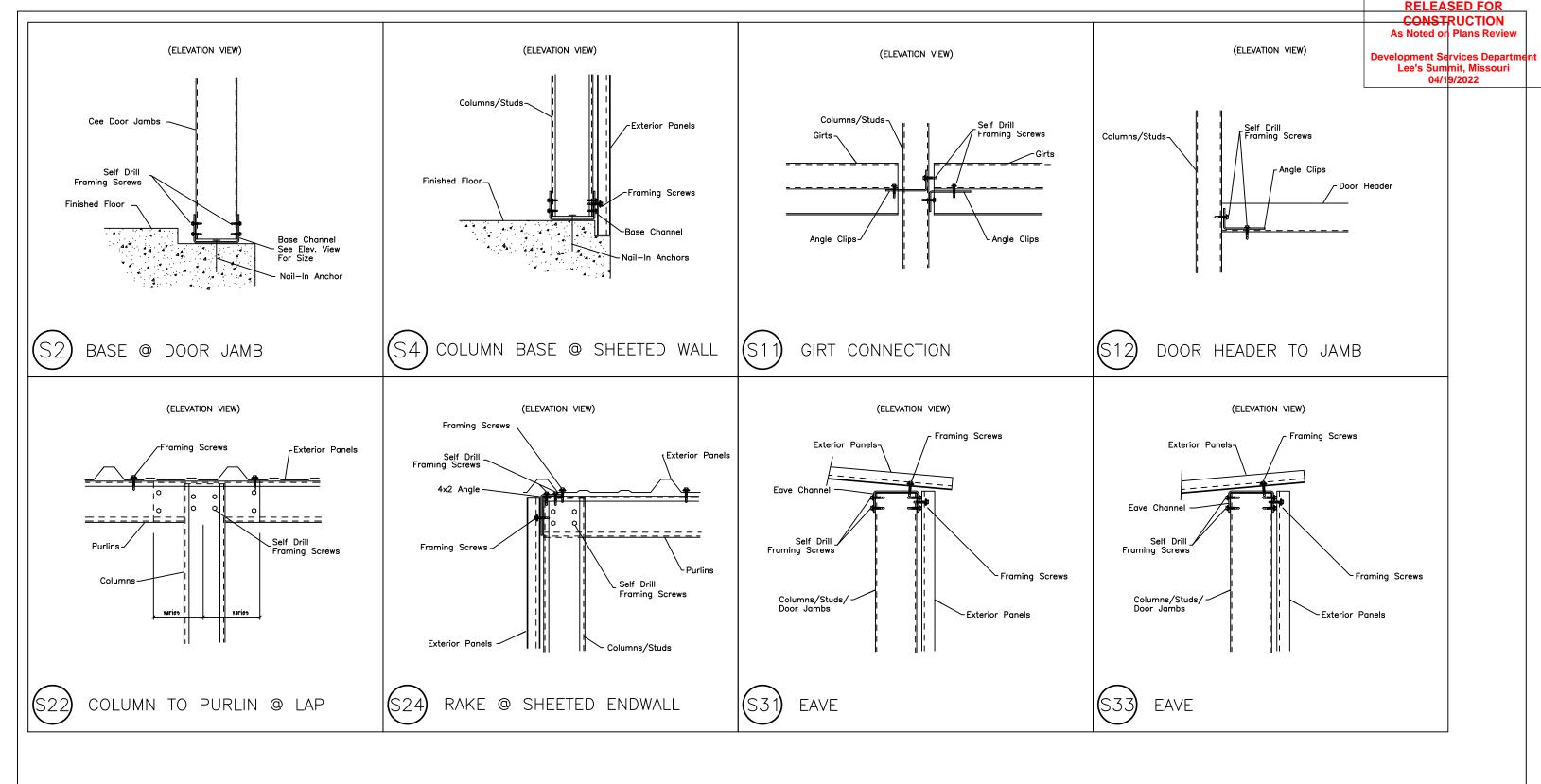
1/2\*\\_\_\_\_\_

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



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

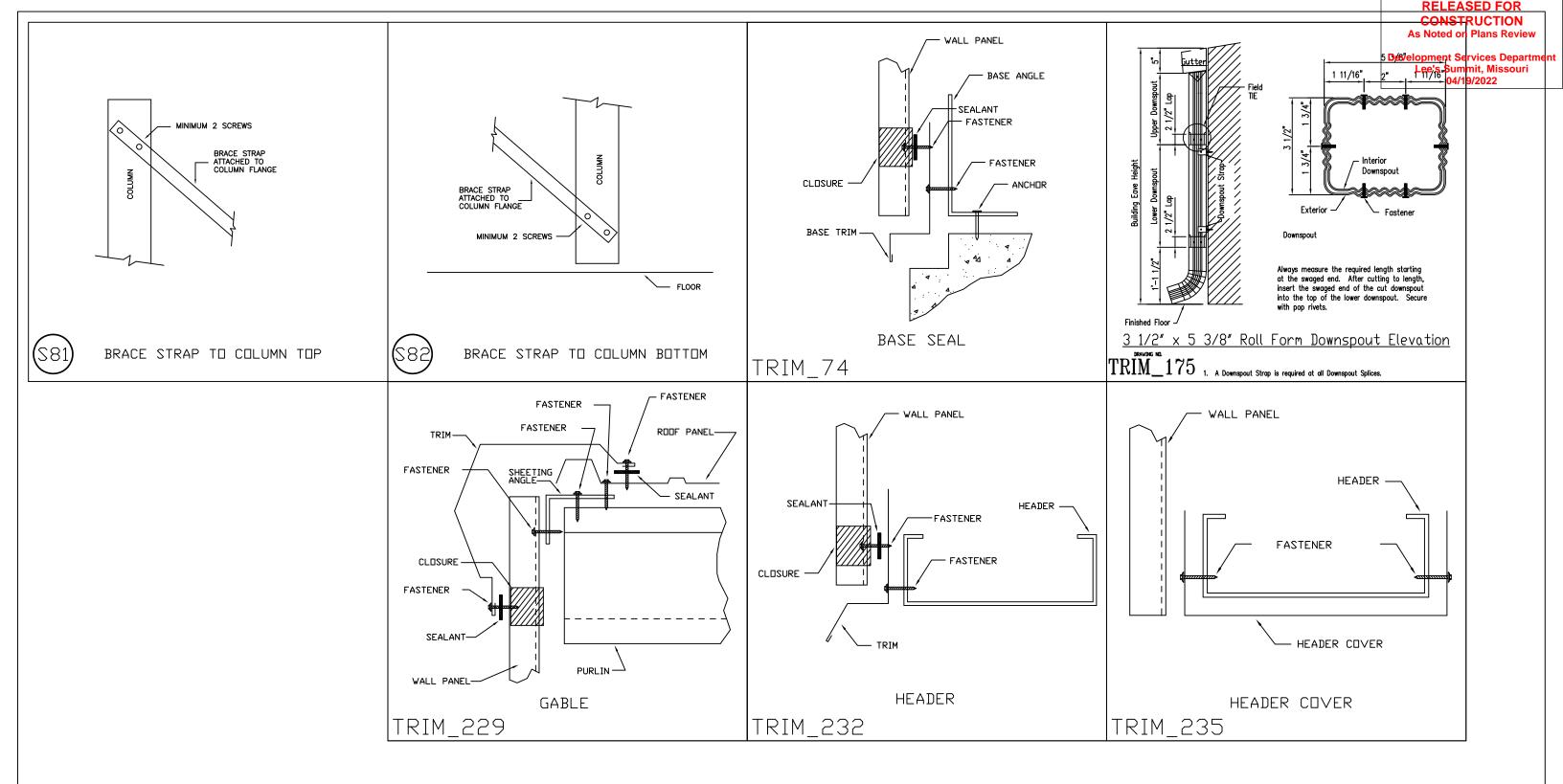
DESCRIPTIO	N: PARTI	TION SHEET	ING							
CUSTOMER:	Mega Sta	rage			PROJECT:	Bldg 2				
LOCATION:	Lee's S	ummit, MO								
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.	
JB	DES	1/21/22	N.T.S.	00			12	OF	15	







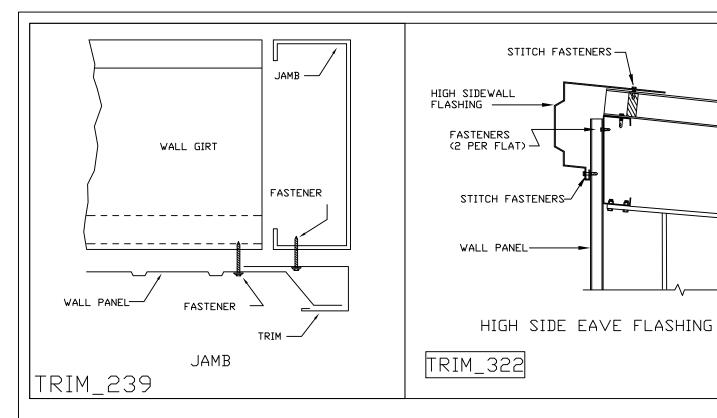
DESCRIPTION:											
	DETAI	L DRAWINGS									
CUSTOMER:	Mega Sta	rage			PROJECT:	Bldg	2				
LOCATION:	Lee's S	ummit, MO									
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.			SHEET	NO.	
JB	DES	1/21/22	N.T.S.	00				13	OF	15	5







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			





Development Services Department Lee's Summit, Missouri 04/19/2022





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