BUILDER / CONTRACTOR RESPONSIBILITIES As Noted on Plans Review

IT IS THE RESPONSIBILITY OF THE BUILDER/CONTRACTOR TO INSURTING THE BECALES Department PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS COMPLY MISSOURIEMENTS COMPLY WITH THE APPLICABLE REQUIREMENTS COMPLY APPLICABLE REQUIREMENT APPLICABLE REQUIREMENT APPLICABLE REQUIREMENT APPLICABLE REQUIREME

GOVERNING BUILDING AUTHORITIES. THE SUPPLYING OF SEALED ENGINEERING DAT 104/11/2022



## PELLA

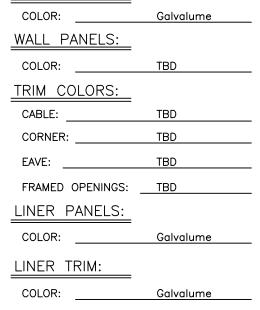
BUILDING SYSTEMS

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

(80	0) 2	225-0481 www.p						
BUILDING LOADS / [	DESCR	IPTION:						
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:								
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:								
SEISMIC ZONE:	<u>B</u>							
SEISMIC DESIGN CATEGORY: B								
SPECTRAL RESPONSE COEFF.								
Sds	0.107							
Sd1	0.109							
MAPPED SPECTRAL RESPON	SE ACC.							
Ss	0.100							

0.068

S1



**ROOF PANELS:** 

## **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

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 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.

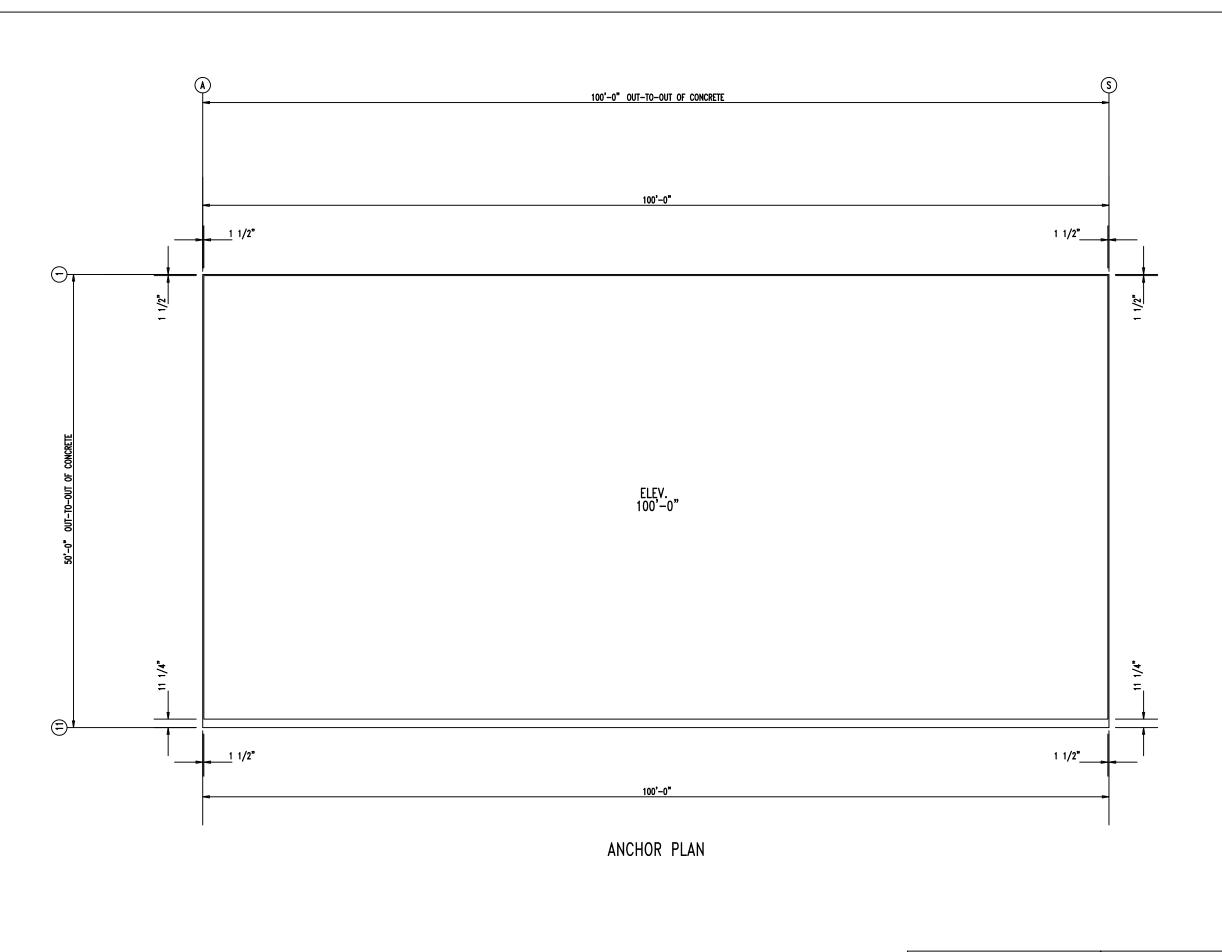
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		Γ		
NUMBER .				
PE-2003005439				
	A		FOR	CONSTRUCTION
WIND ON AL ENGINE	$\triangle$	1/21/22	FOR	APPROVAL
- v eg \$ stree v	RFV	DATE		REVISION

AND STREET STREET

PURCHASER: Mega Storage

PROJECT: Lee's Summit, MO

JOB NUMBER: 2022-01



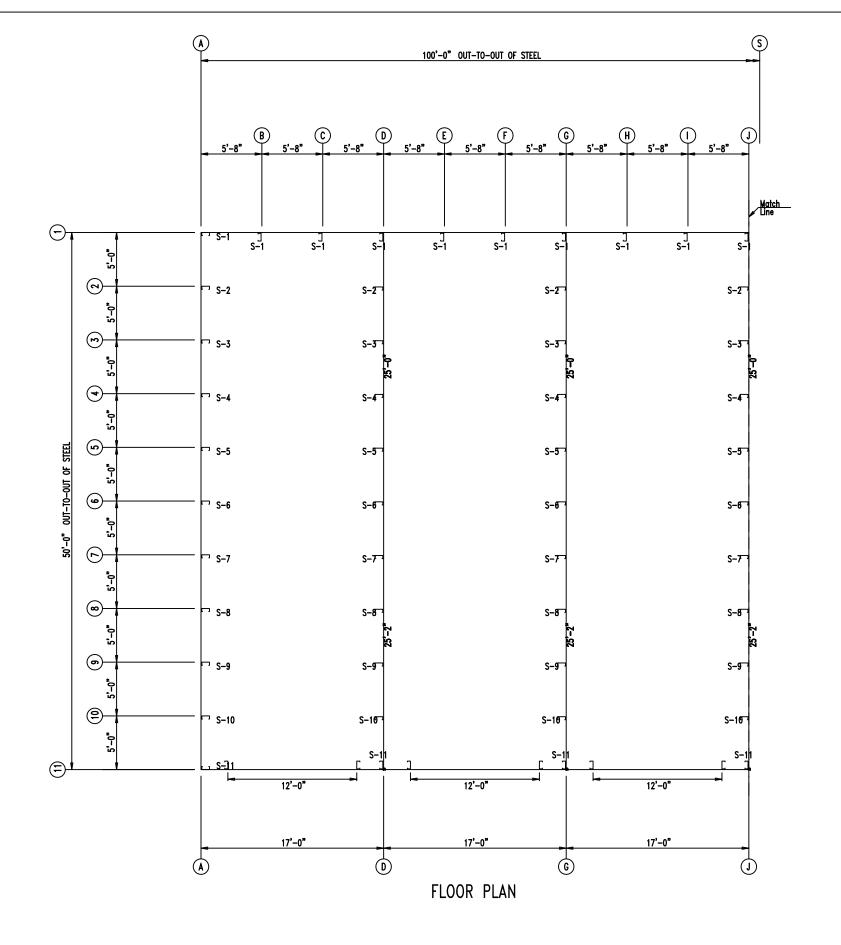
RELEASED FOR
CONSTRUCTION
As Noted on Plans Review

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



	PELLA BUILDING SYSTEMS
906 West 9	9th Street Pella, IA 50219 31 www.pellabuildings.com

DESCRIPTION: ANCHOR PLAN									
CUSTOMER: Mega Storage PROJECT: Bldg 1 and 3									
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			02	OF	15

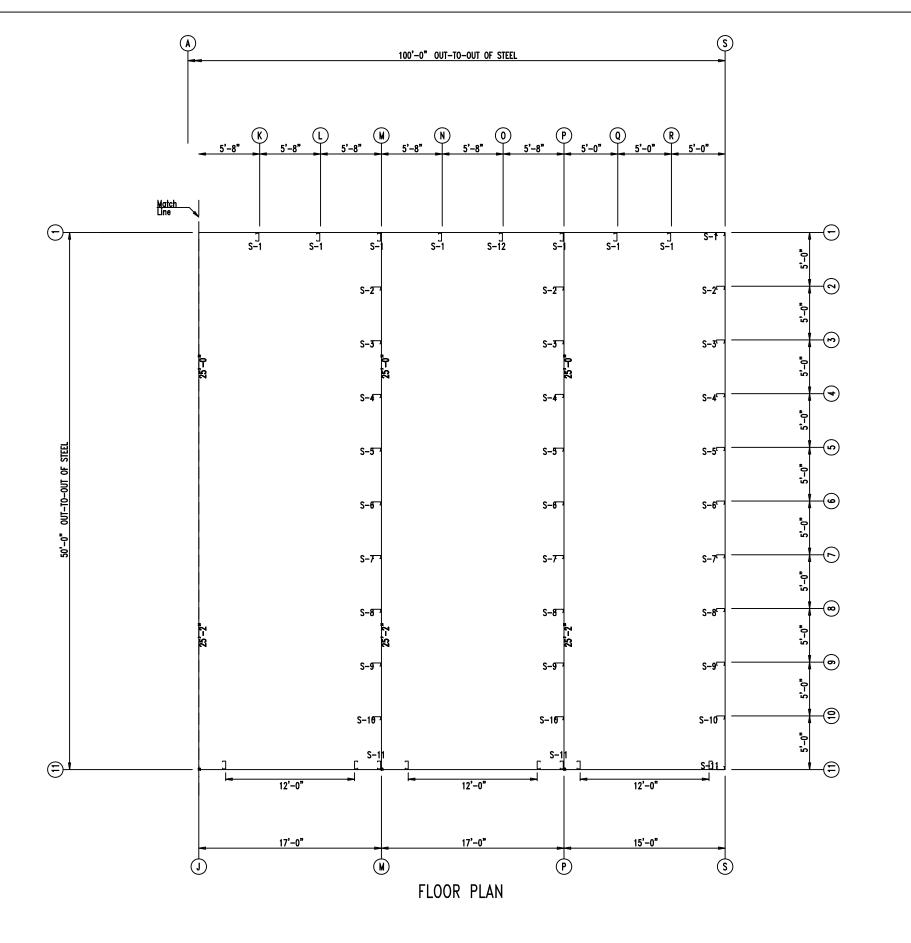


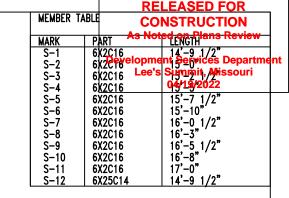






DESCRIPTION: FLOOR PLAN									
CUSTOMER: Mega Storage PROJECT: Bldg 1 and 3									
LOCATION:	LOCATION: Lee's Summit, MO								
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.
JB	DES	1/21/22	N.T.S.	00			03	OF	15

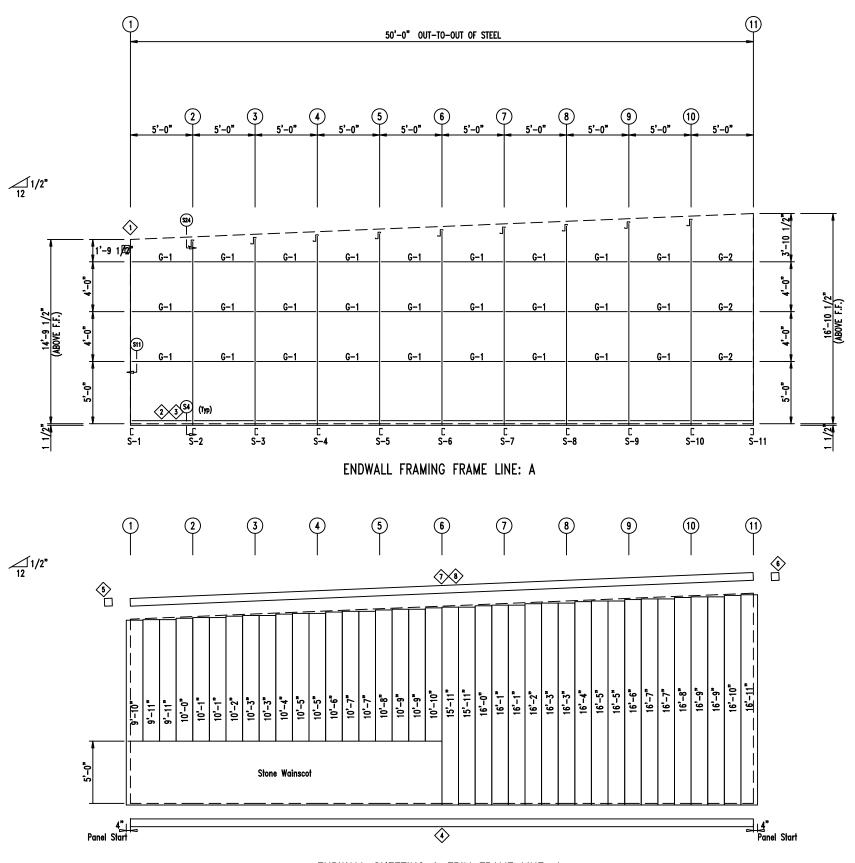






	<b>PELLA</b>
	BUILDING SYSTEMS
906 West	9th Street Pella, IA 50219

	DESCRIPTION: FLOOR PLAN									
	CUSTOMER: Mega Storage PROJECT: Bldg 1 and 3									
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			4	OF	15



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



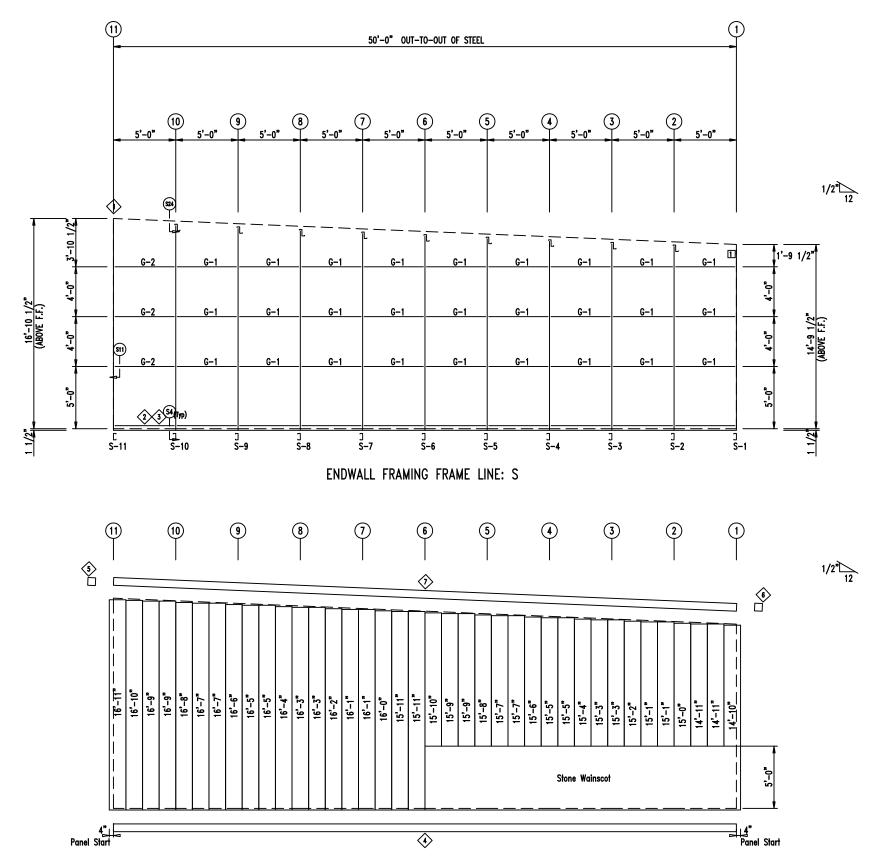
						- 114	000000	Iffen.		
ENDWALL DRAWING										
STOMER:	Mega Sta	orage			PROJECT:	Bldg 1	and	3		
ATION:	ATION: Lee's Summit, MO									
I. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.	
3	DES	1/21/22	N.T.S.	00			05	OF	15	

				RELEA	SED FOR	
TRIM	TABLE			CONST	RUCTION	
				Ac Noted of	n Plans Review	1
∣◇ID	PART	Len	GTH	A3 Noted O	DETAIL	
4	FL72	10'	-2"		TRIM_74 ervices Departme	]
5	FL16A	6"	De	velopment Se	ervices Departme	m
6	FL16A	6"		Lee's Sum	mit, Missouri	
7	FL16	10'	-2"	04/1	<b>9(2022</b> 29	
8	FL16D	20'	<del>-2"</del>		TRIM_229	
	•	-				1

MEMBER 1	TABLE	
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-5	6X2C16	15'-7 1/2"
S-6	6X2C16	15'-10" <sup>-</sup>
S-7	6X2C16	16'-0 1/2"
S-8 S-9	6X2C16	l 16'-3"
S-9	6X2C16	16'-5 1/2"
S-10	6X2C16	16'-8"
S-11	6X2C16	17'-0"
G-1	4X20C16	4'-9 1/2"
G-2	4X20C16	4'-7 1/2"

•							
ANGLE TABLE							
		1					
◇ID	MARK	LENGTH					
1	13/3	20'-0"					
l .'	LUAU	120, 0,					
2	L3x3 BC-6 BC-6	20'-0"					
7	DC_6	SCRAP					
	DC-0	JONAL					

JUKAI	
ECTION DI ATES	
LOTION I LATES	
MADY /DADT	
MAKK/PAKI	
MCI D	
MCLI	
	ECTION PLATES  MARK/PART  MCLP



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

RELEASED FOR CONSTRUCTION ◇ID PART
4 FL72
5 FL16A
6 FL16A
7 FL16D As Noted on Plans Review

TRIM 74
elopment Services Departr
Lee's Summit Missouri

04/ 96362229 10'-2" 6" De 6" 20'-2"

TRIM TABLE

MEMBER TA	BLE	
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	l 15'–5"
S-5	6X2C16	15'-7 1/2" 15'-10"
S-6	6X2C16	15'-10" <sup>′</sup>
S-7	6X2C16	16'-0 1/2" 16'-3"
S-8	6X2C16	16'-3" ·
S-9	6X2C16	16'-5 1/2" 16'-8"
S-10	6X2C16	16 <b>'-</b> 8"
S-11	6X2C16	17 <b>'</b> -0 <b>"</b>
G-1	4X20C16	4'-9 1/2"
G-2	4X20C16	4'-7 1/2"

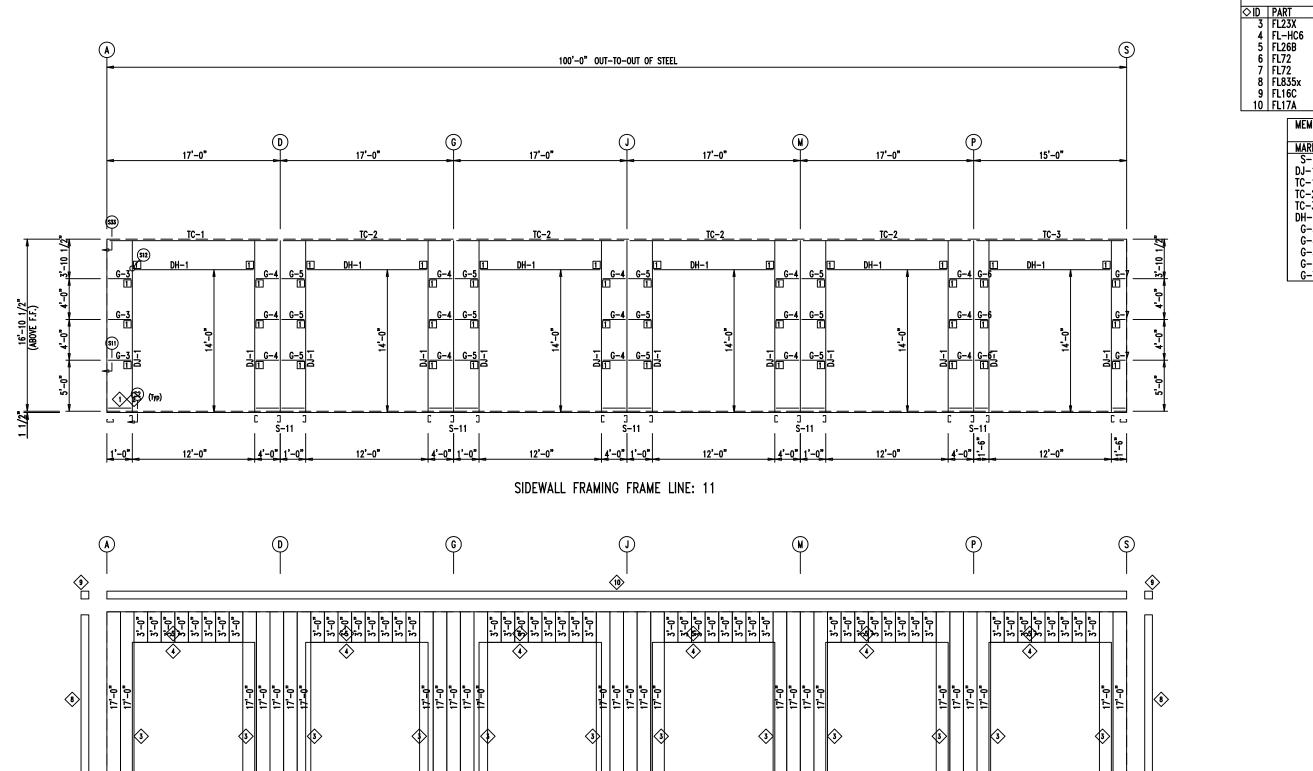
ANGL	TABLE	•
♦ID	MARK	LENGTH
1	L3x3	20'-0"
2	BC-6 BC-6	20'-0"
3	RC-6	SCRAP

CONNECTION PLATES □ID | MARK/PART 1 | MCLP



<b>A</b> 4	DESCRI
M PELLA	
	CUSTO
BUILDING SYSTEMS	LOCATION
906 West 9th Street Pella, IA 50219	DRN. B
(800) 225-0481 www.pellabuildings.com	.IR

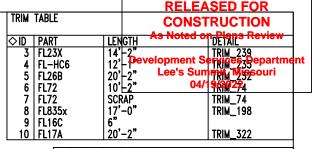
DESCRIPTION: ENDWALL DRAWING										
CUSTOMER:	Mega Sta	orage			PROJECT:	Bldg	1 c	and	3	
LOCATION:	LOCATION: Lee's Summit, MO									
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.			SHEET	NO.
JB	DES	1/21/22	N.T.S.	00				06	OF	15



SIDEWALL SHEETING & TRIM FRAME LINE: 11

PANELS: 20 Ga. CP

**6**\$\$



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

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

CONNECTION PLATES

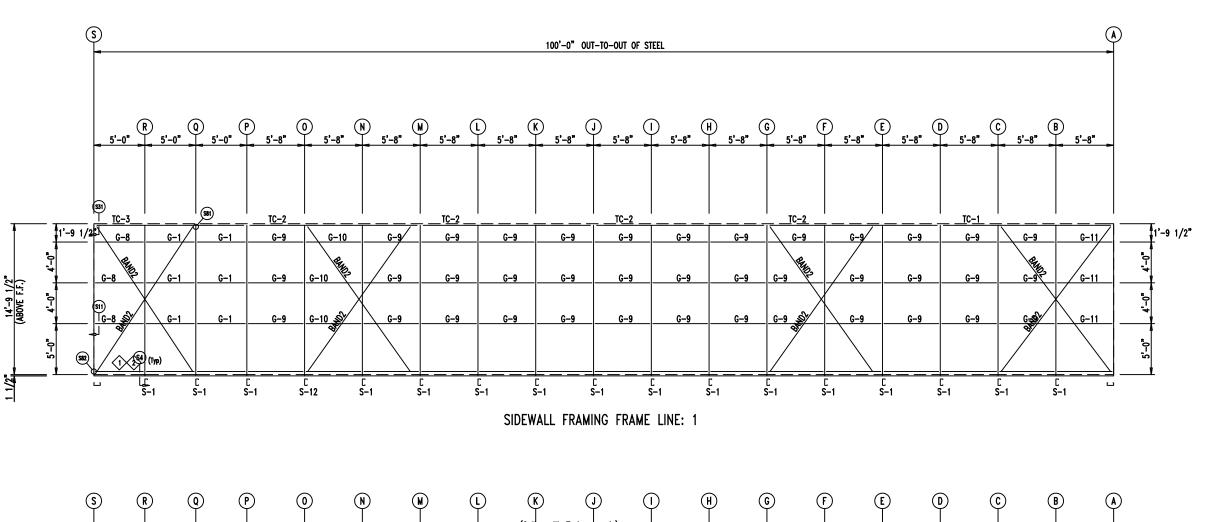
DID MARK/PART

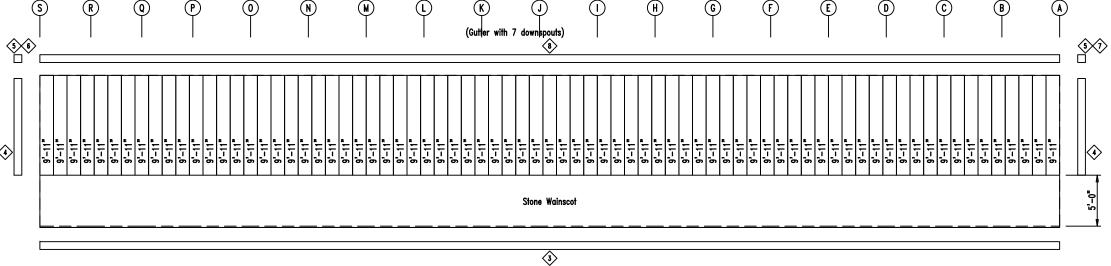
1 MCLP



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

DESCRIPTIO	N: SIDEW	ALL DRAWII	NG							
CUSTOMER:	Mega Sta	orage			PROJECT:	Bldg	1	and	3	
LOCATION:	Lee's S	ummit, MO								
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	TION NO.			SHEET	NO.
JB	DES	1/21/22	N.T.S.	00				7	OF	15





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



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**CONSTRUCTION** 

As Noted on Plans Review DE IAIL elopment Servige 50 Depart Lee's Summit, Missouri 04/ 9/2022

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

◇ID PART 3 FL72

5 FL72 4 FL835x 5 FL16C 6 FL18A 7 FL18A 8 FL18D

MEMBER TABLE

PART 6X2C16

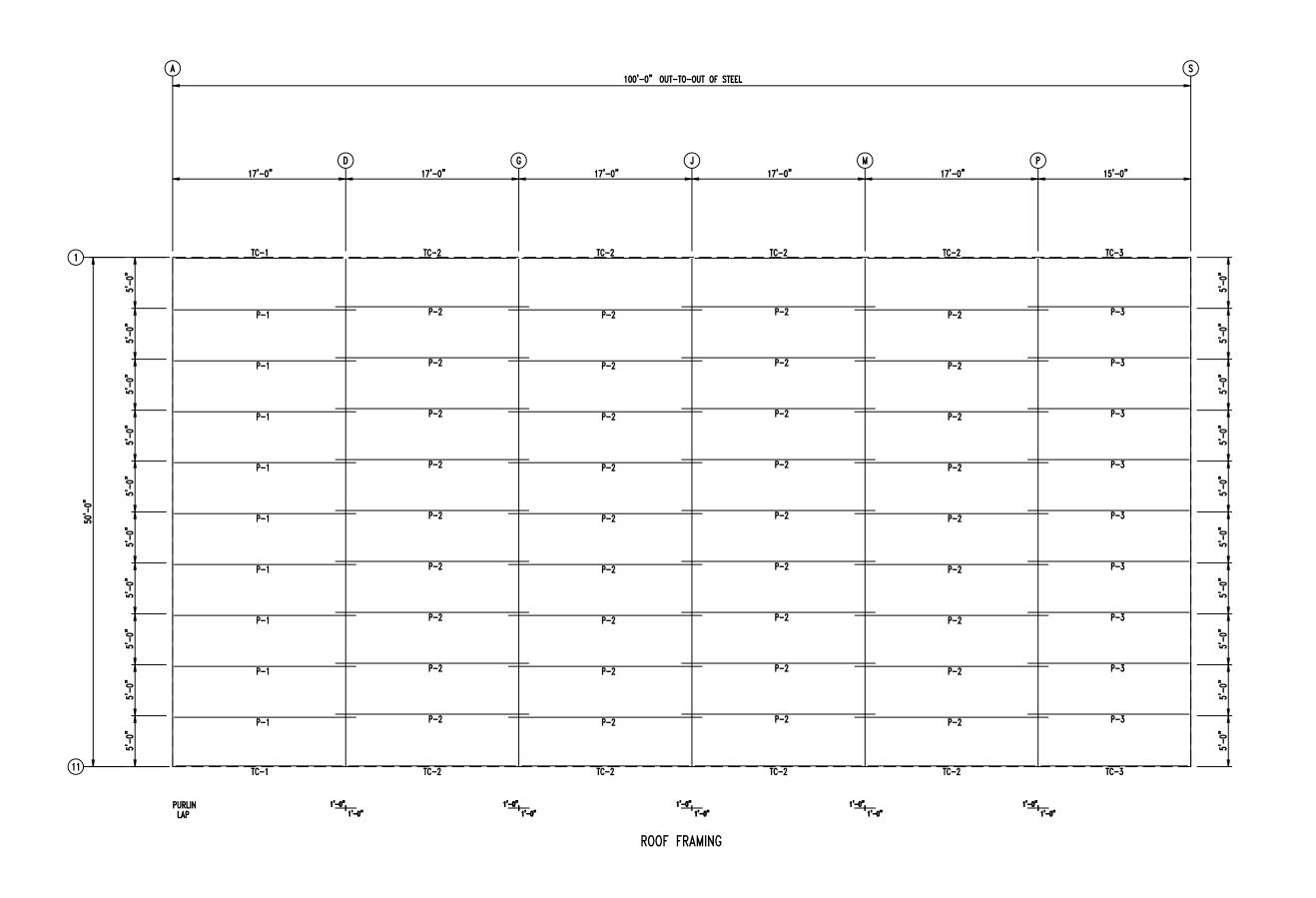
6X25C14 6X2CH16 6X2CH16

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

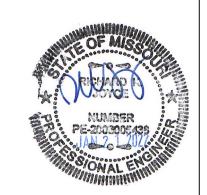
MARK S-1 S-12 TC-1 TC-2 TC-3 G-1 G-8 G-9 G-10 G-11

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

DESCRIPTION:  SIDEWALL DRAWING  CUSTOMER: Mega Storage PROJECT: Bldg 1 and 3  LOCATION: Lee's Summit, MO  DRN. BY CK'D BY DATE SCALE REV. QUOTATION NO. SHEET NO.										
LOCATION: Lee's Summit, MO DRN. BY CK'D BY DATE SCALE REV. QUOTATION NO. SHEET NO.	DESCRIPTIO	N: SIDEW	ALL DRAWIN	١G						
DRN. BY CK'D BY DATE SCALE REV. QUOTATION NO. SHEET NO.	CUSTOMER:	Mega Sta	rage			PROJECT:	Bldg 1	and	3	
	LOCATION:	Lee's S	ummit, MO							
ID   DEC  4/04/00   N.T.C   00     0 OF 15	DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTAT	ION NO.		SHEET	NO.
JR   DE2  1/21/22   N.1.3.   00     8 OF 13	JB	DES	1/21/22	N.T.S.	00			8	OF	15





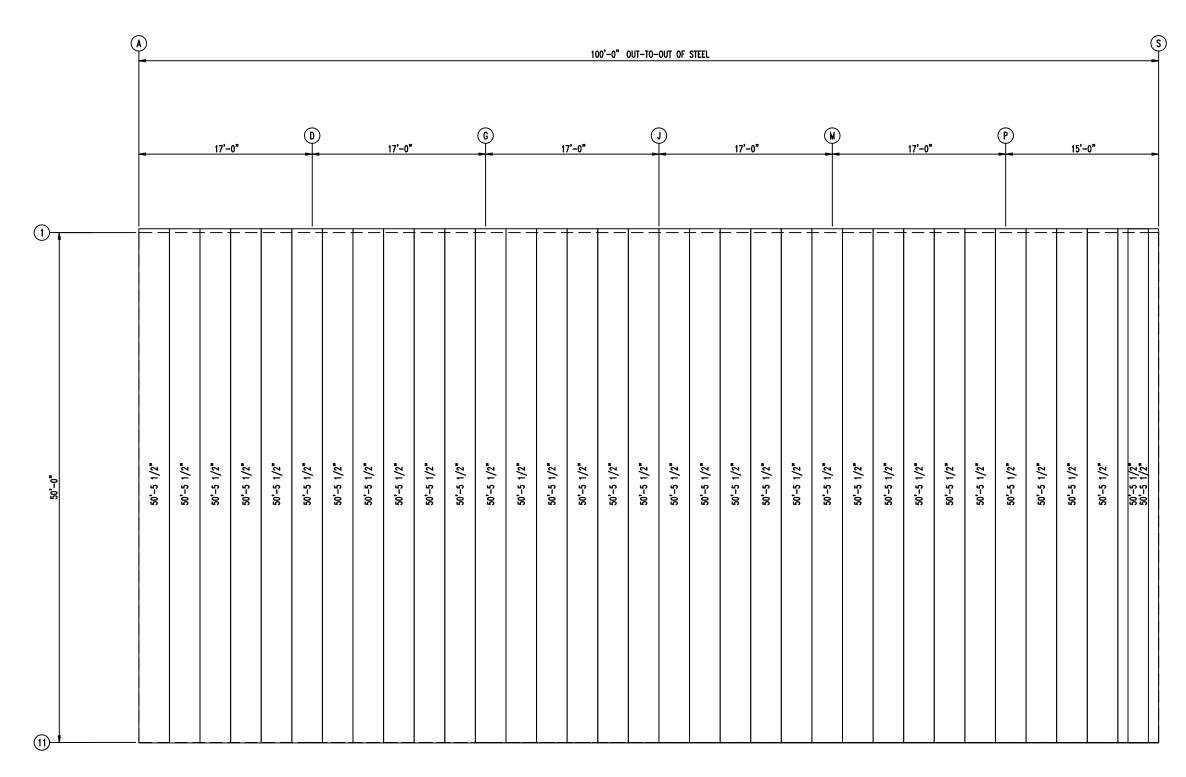


PELLA BUILDING SYSTEMS
9th Street Pella, IA 50219

DESCRIPTION:	
ROOF FRAMING	
CUSTOMER: Mega Storage PROJECT: Bldg 1 and 3	3
LOCATION: Lee's Summit, MO	
DRN. BY CK'D BY DATE SCALE REV. QUOTATION NO. S	SHEET NO.
JB         DES         1/21/22         N.T.S.         00          9	OF 15

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CONSTRUCTION
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	9th Street Pella, IA 50219
(800) 225-04	B1 www.pellabuildings.com

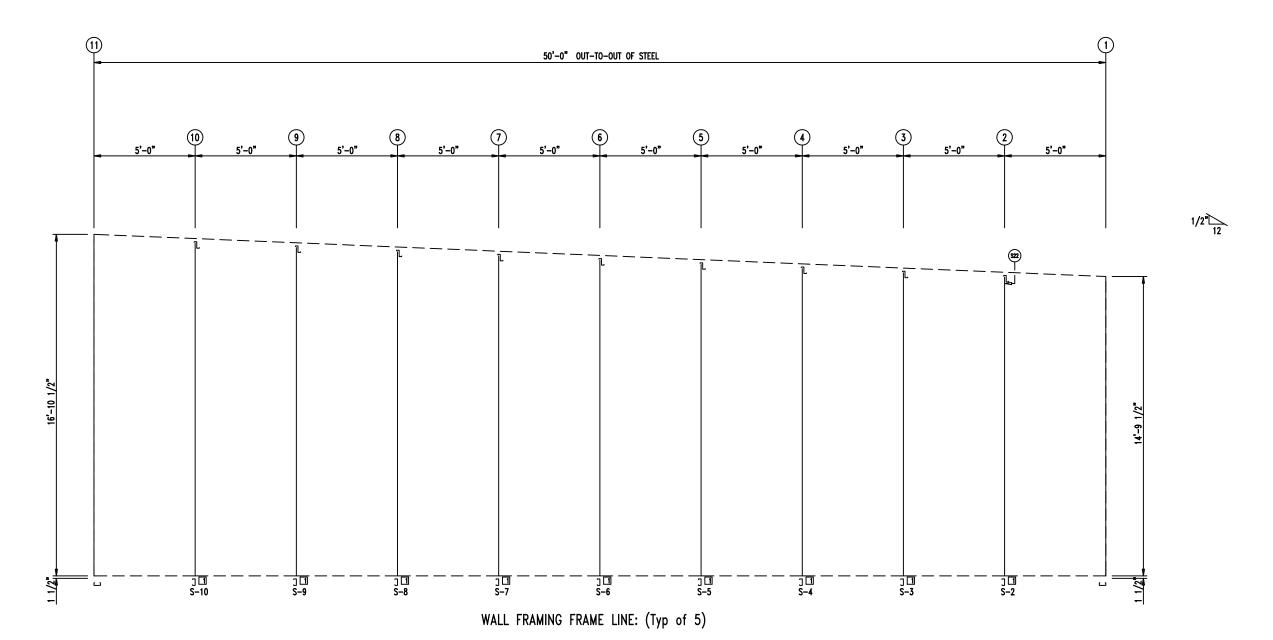
DESCRIPTIO	N: ROOF	SHEETING								
CUSTOMER:	Mega Sta	orage			PROJECT:	Bldg 1	and	3		
LOCATION:	Lee's S	ummit, MO								
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATION NO.			SHEET	NO.	
JB	DES	1/21/22	N.T.S.	00			10	OF	15	

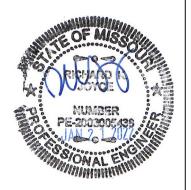


CONNECTION PLATES

DID | MARK/PART

1 | FC





PELLA BUILDING SYSTEMS
9th Street Pella, IA 50219

DESCRIPTION: PARTITION FRAMING									
CUSTOMER:	Mega Sta	rage		PROJECT:	Bldg 1	and	3		
LOCATION:									
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATION NO.		SHEET NO.		NO.
JB	DES	1/21/22	N.T.S.	00			11	OF	15

RELEASED FOR
CONSTRUCTION
As Noted on Plans Review

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

(11	1) (10	9	8	7	6	5	4	3	2	1

25'-2"	25'-0"
25'-2"	25'-0"
25'-2"	25'-0"
25'-2"	25'-0"
25'-2*	25'-0"

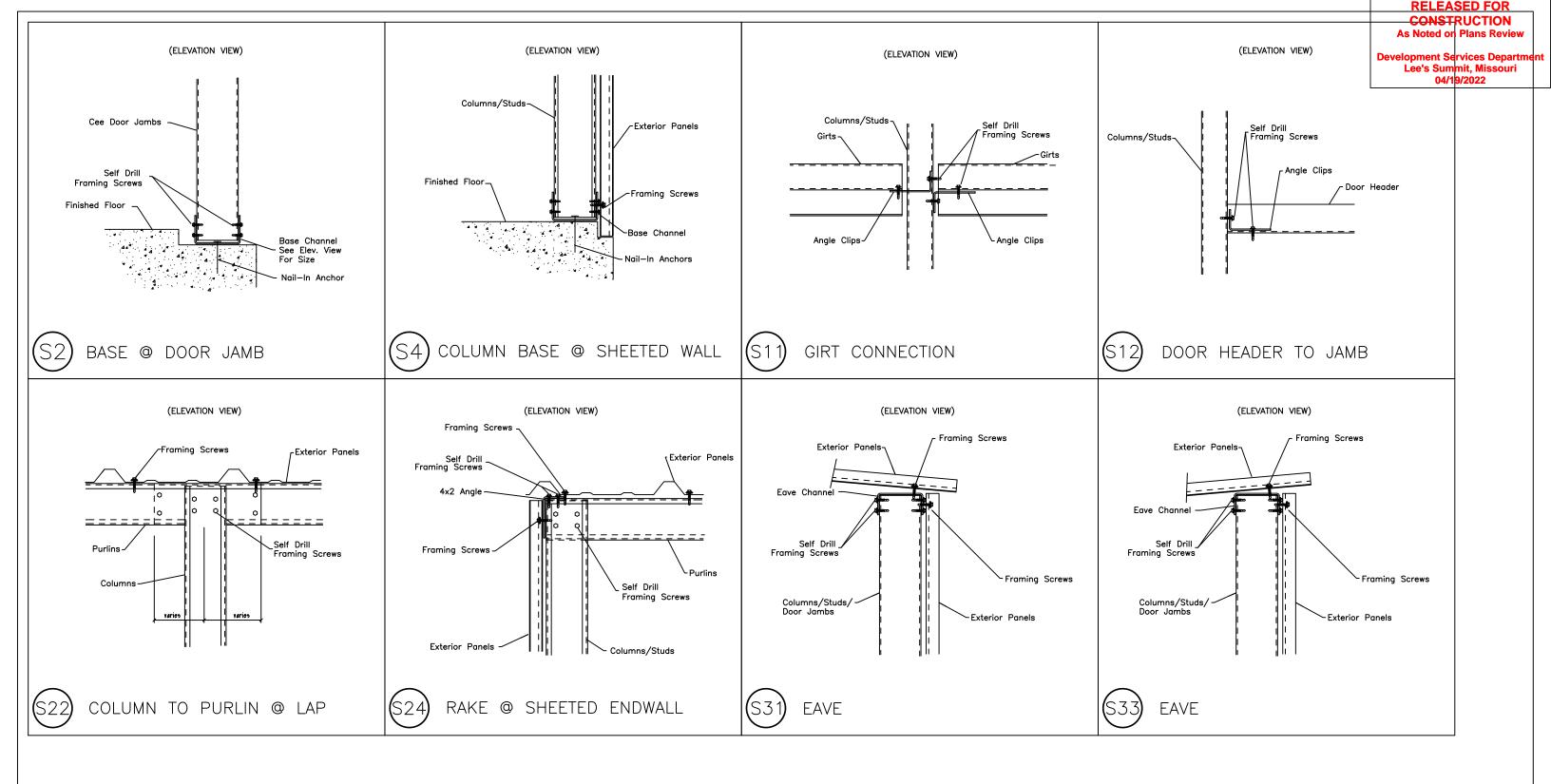
1/2\*\\_\_\_\_\_

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





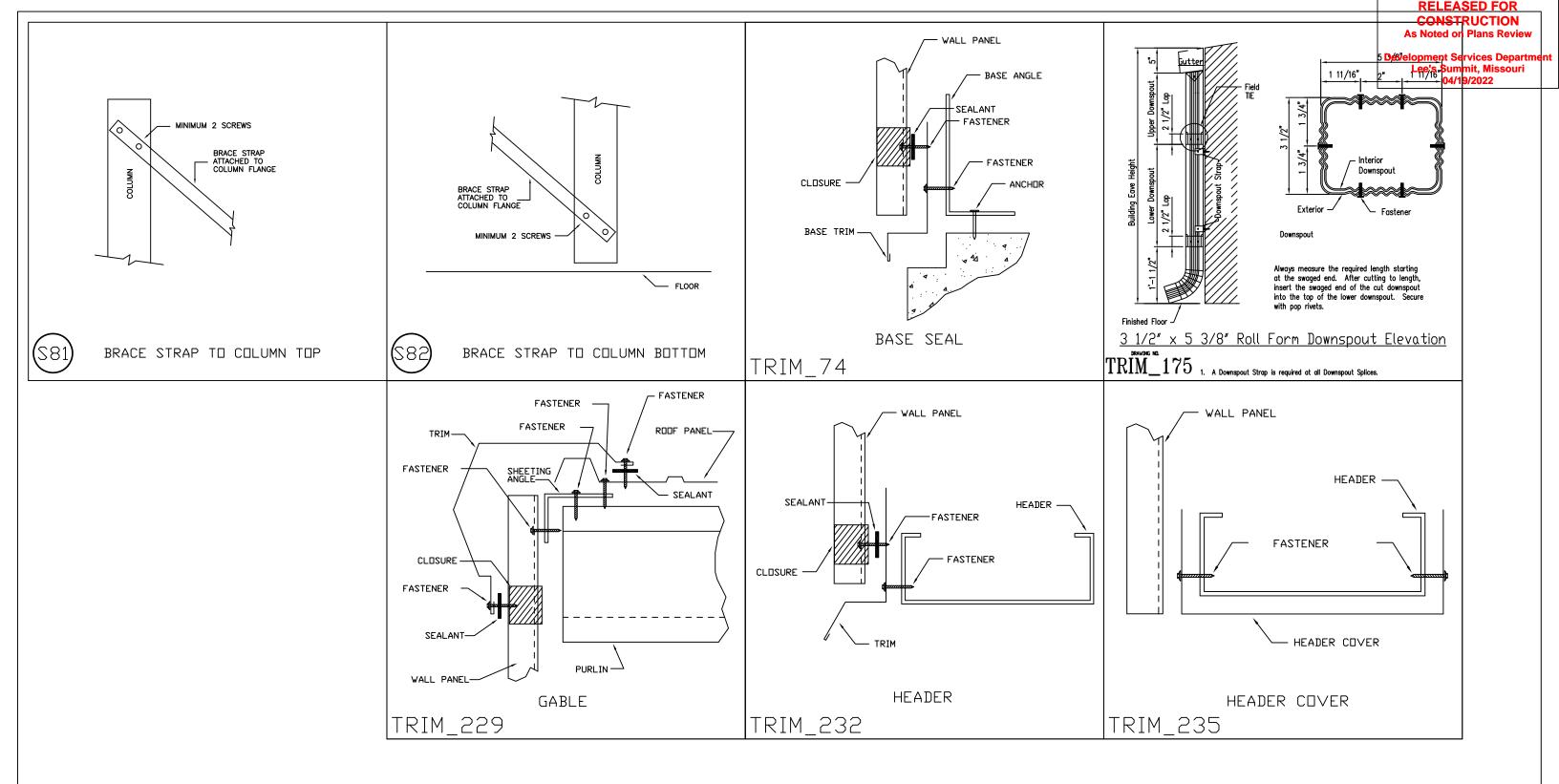
SCRIPTION: PARTITION SHEETING									
JSTOMER:	STOMER: Mega Storage PROJECT: Bldg 1 and 3								
CATION:	Lee's S	ummit, MO							
N. BY	CK'D BY	DATE	SCALE	REV.	QUOTATION NO.			SHEET	NO.
IB	DES	1/21/22	N.T.S.	00			12	OF	15







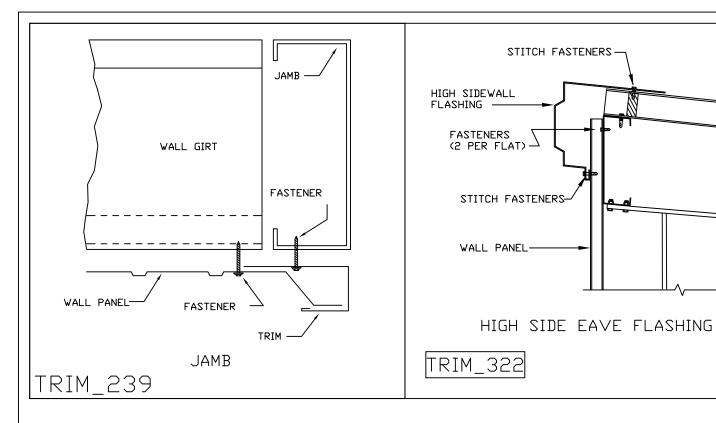
DETAIL DRAWINGS									
DETAIL DRAWINGS									
CUSTOMER:	CUSTOMER: Mega Storage PROJECT: Bldg 1 and 3								
LOCATION:	Lee's S	ummit, MO							
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATION NO.		SHEET NO.		NO.
JB	DES	1/21/22	N.T.S.	00			13	OF	15







DETAIL DRAWINGS									
CUSTOMER: Mega Storage PROJECT: Blda 1 and 3									
LOCATION:									
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 Sto	rage		PROJECT:	Bldg 1	and	3			
	LOCATION: Lee's Summit, MO										
9	DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATIO	ON NO.		SHEET	NO.	
	JB	DES	1/21/22	N.T.S.	00			15	OF	15	