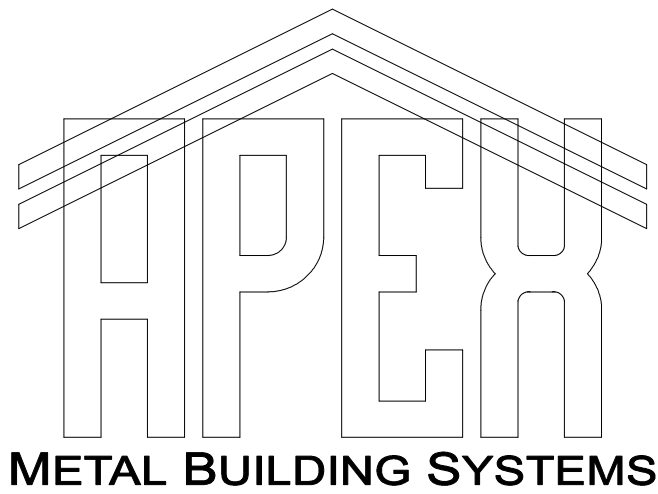




120 Connor St NE
Live Oak, FL 32064

Ph. 800-231-0026
www.apex-mbs.com

BUILDING LOADS / DESCRIPTION:

WIDTH: 50 LENGTH: 60 HEIGHT: 20 / 20
(BUILDING DIMENSIONS ARE NOMINAL. REFER TO PLANS).

THIS STRUCTURE IS DESIGNED UTILIZING THE LOADS INDICATED
AND APPLIED AS REQUIRED BY : FBC 20

THE CONTRACTOR IS TO CONFIRM THAT THESE LOADS COMPLY
WITH THE REQUIREMENTS OF THE LOCAL BUILDING DEPARTMENT.

ROOF DEAD LOAD:	2.5	PSF (ROOF PANELS & PURLINS)
COLLATERAL LOAD:	0.0	PSF
ROOF LIVE LOAD:	20.0	PSF
ROOF SNOW LOAD:	0.0	PSF
BASIC WIND SPEED:	117	MPH
SEISMIC ZONE:	B	
WIND EXPOSURE:	B	
IMPORTANCE FACTORS:		
WIND LOAD:		1.00
SNOW LOAD		1.00
SEISMIC LOAD		1.00

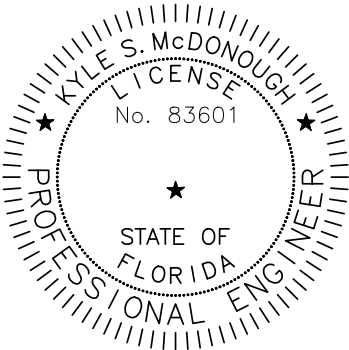


GENERAL NOTES:

- 1) MATERIALS : MINIMUM YIELD:
- | | | |
|------------------------|-------------|----------|
| HOT ROLLED BAR | Fy = 50.00 | ksi MIN. |
| STRUCTURAL STEEL SHEET | Fy = 50.00 | ksi MIN. |
| STRUCTURAL STEEL PLATE | Fy = 50.00 | ksi MIN. |
| COLD FORMED SHAPES | Fy = 57.00 | ksi MIN. |
| WALL SHEETING | Fy = 60.00 | ksi MIN. |
| ROOF SHEETING | Fy = 60.00 | 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.



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 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 RESPONSIBLE 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 ASSEMBLED 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 LEGIBLE AND UNAMBIGUOUS.

A SIGNATURE AND DATE IS REQUIRED ON ALL PAGES.

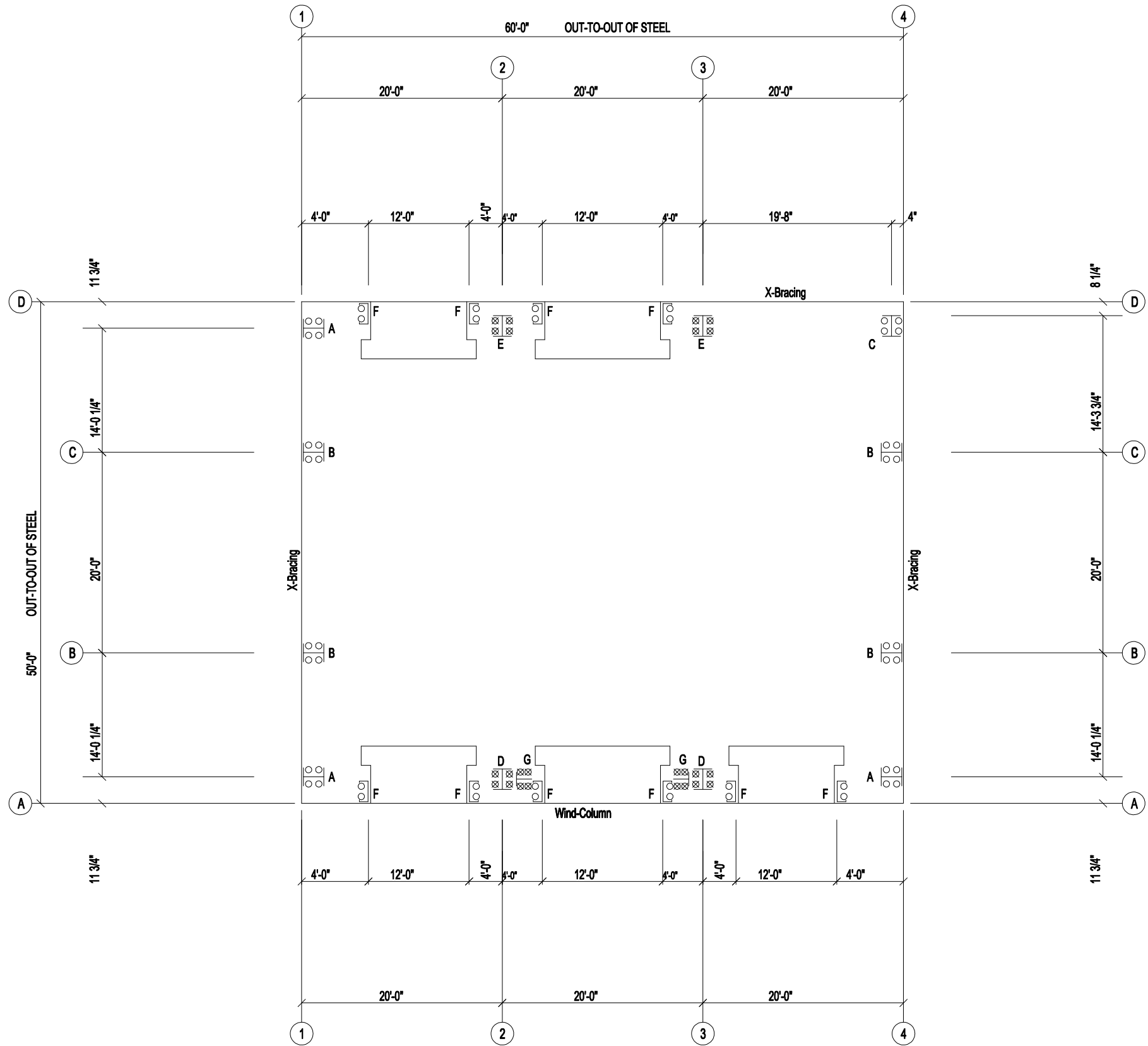
MANUFACTURER RESERVES THE RIGHT TO RE-SUBMIT DRAWINGS WITH EXTENSIVE OR COMPLEX CHANGES REQUIRED TO
AVOID MISFABRICATION. THIS MAY IMPACT THE DELIVERY SCHEDULE.

APPROVAL OF THESE DRAWINGS INDICATES CONCLUSIVELY THAT THE METAL BUILDING SYSTEM 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.

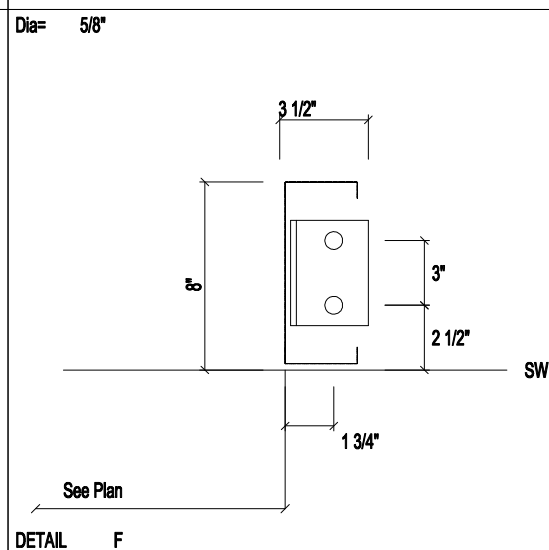
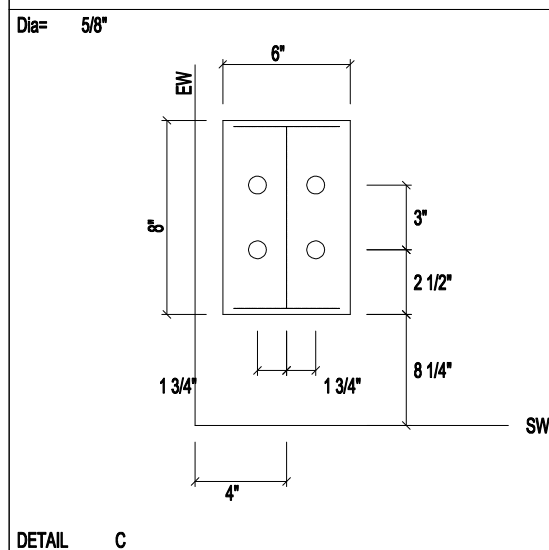
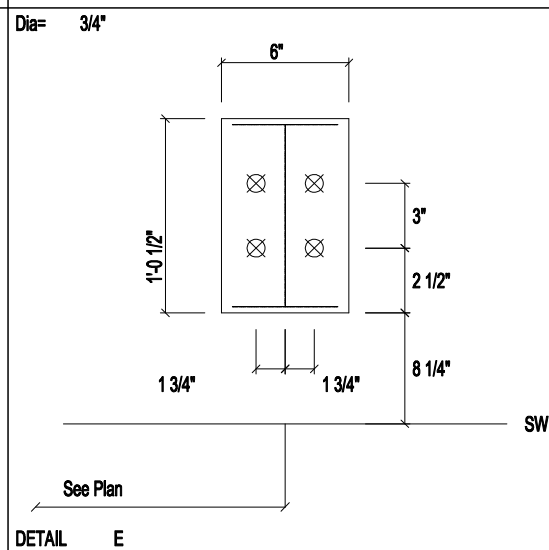
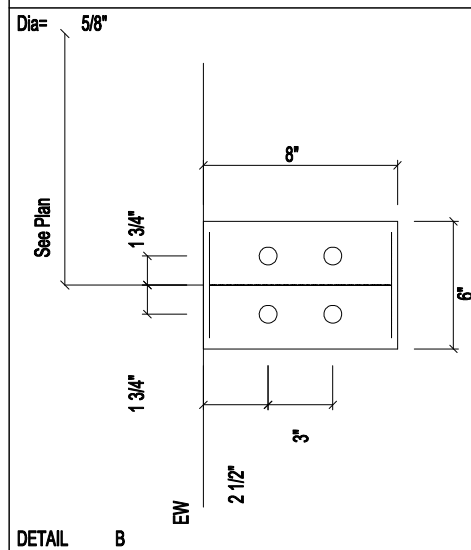
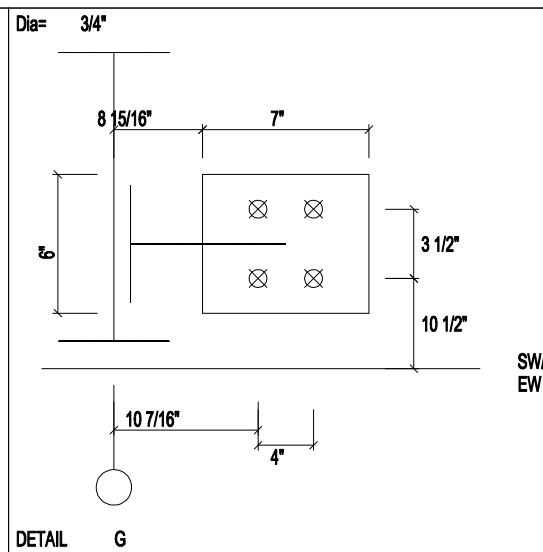
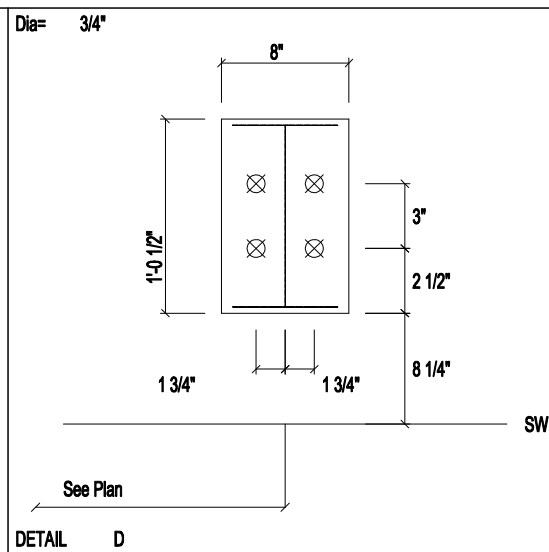
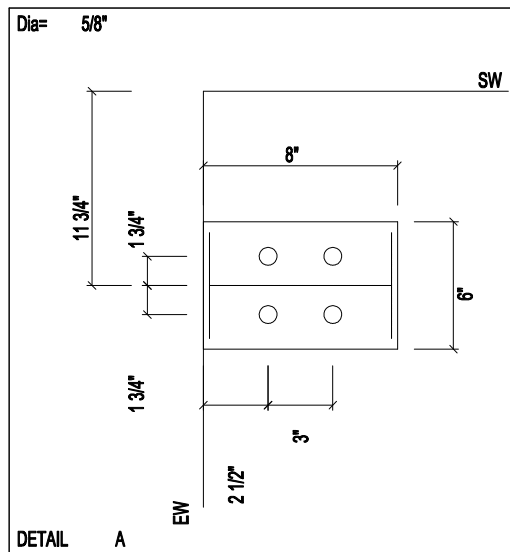
**IMPORTANT NOTE: FINAL DETAILING, FABRICATION, AND DELIVERY DATE OF THIS PROJECT
CANNOT BE COMPLETED UNTIL THE SIGNED APPROVALS ARE RETURNED TO THE METAL
BUILDING MANUFACTURER.**

1	9/2/21	FOR CONSTRUCTION
NO.	DATE	ISSUE

PROJECT: Lake City RV
JOB NUMBER: 21-986



ANCHOR ROD PLAN
NOTE: All Base Plates @ 100'-0" (FINISH FLOOR)(UNLESS NOTED)



120 Connor St NE
Live Oak, FL 32064
Ph. 800-231-0026
www.apex-mbs.com

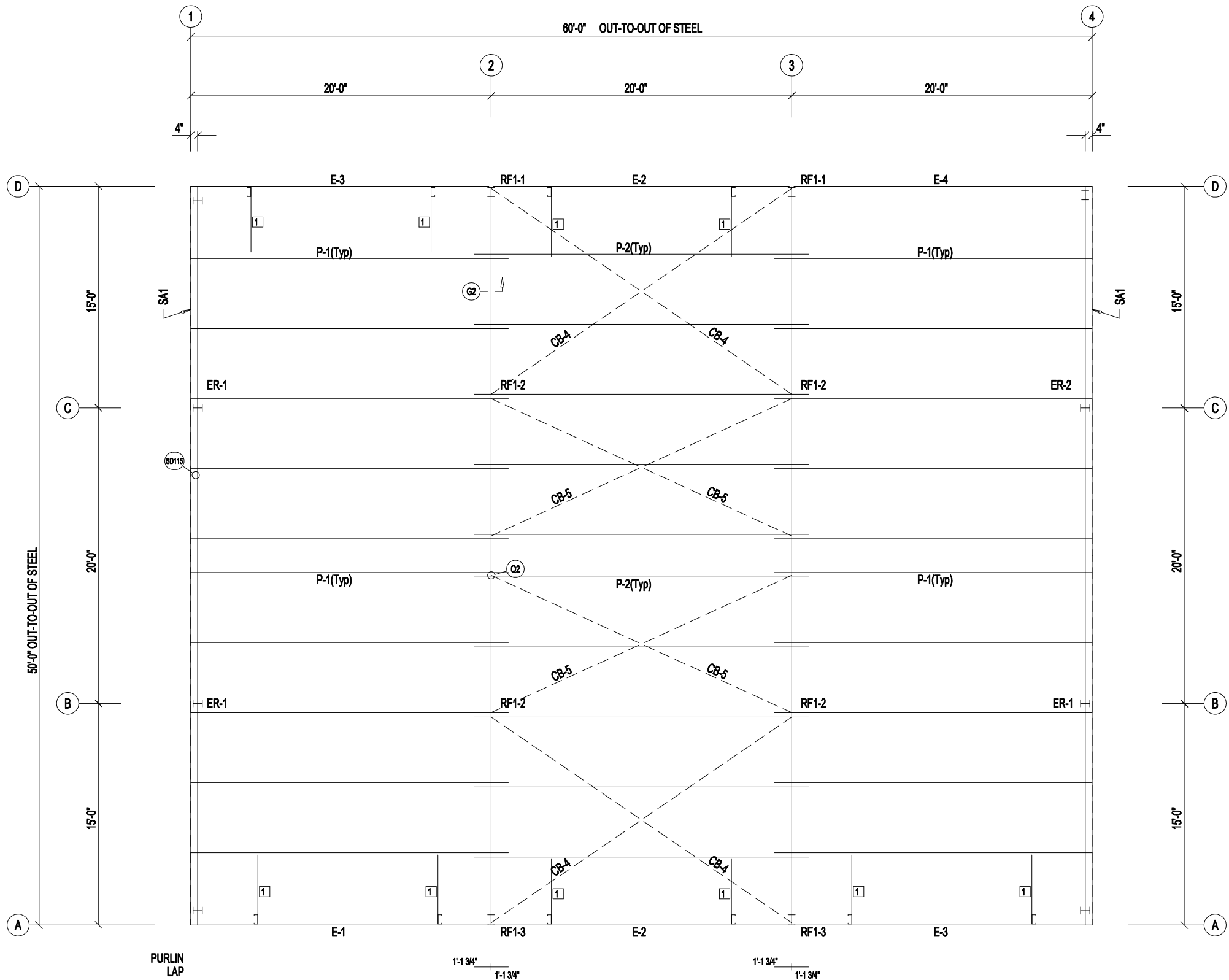
DESCRIPTION:	ANCHOR BOLT DETAILS
--------------	---------------------

Page 3 of 13

CUSTOMER:	PROJECT: Lake City RV
-----------	-----------------------

LOCATION:	Lake City, FL 32055
-----------	---------------------

DRN. BY CG	CK'D BY CG	DATE 9/ 2/21	SCALE N.T.S.	REV. 00	QUOTATION NO. 21-986	SHEET NO. OF
---------------	---------------	-----------------	-----------------	------------	-------------------------	-----------------



ROOF FRAMING PLAN

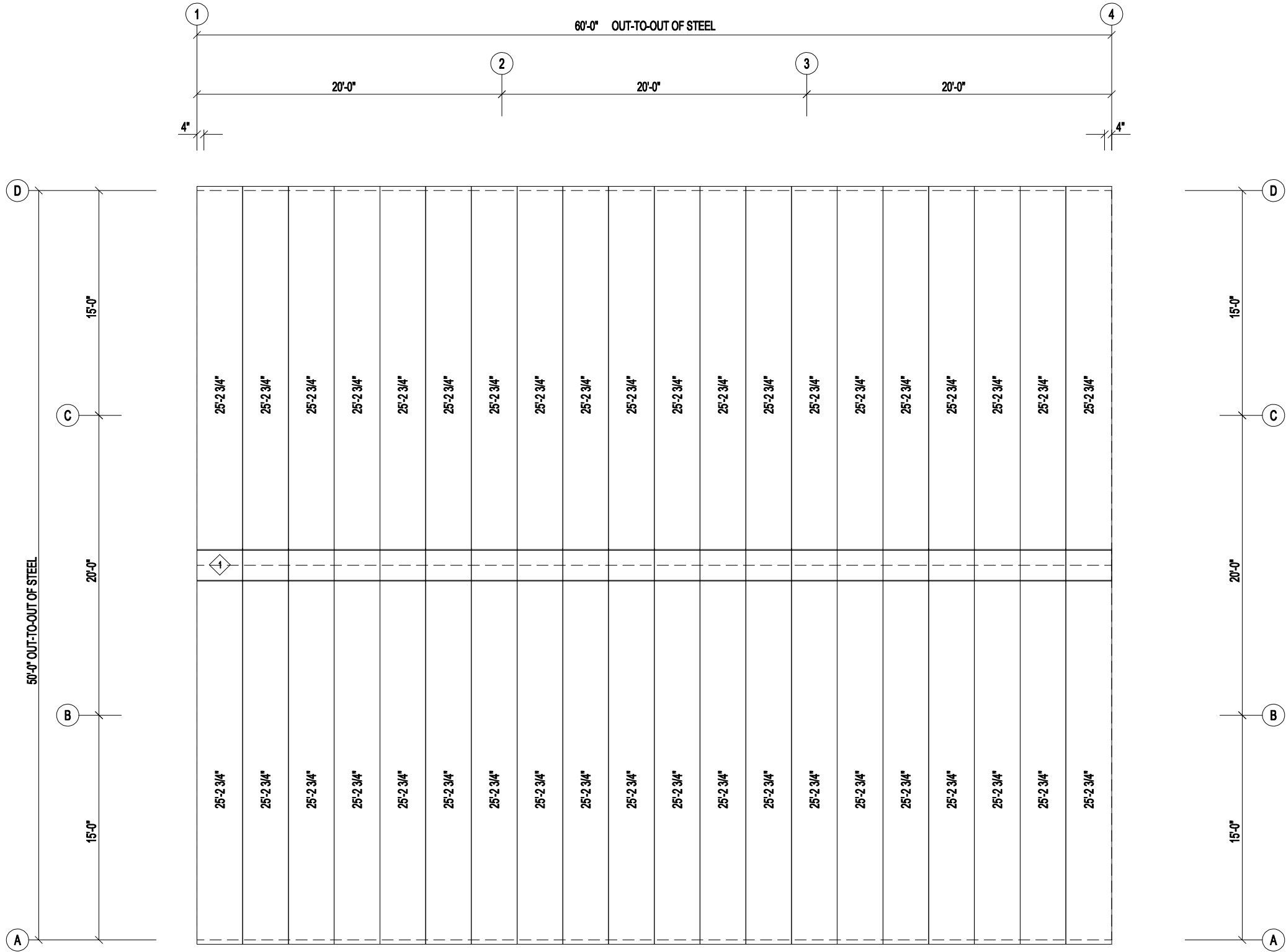
MEMBER TABLE		
ROOF PLAN		
MARK	PART	LENGTH
P-1	8X25Z16	21'-1 1/2"
P-2	8X25Z16	22'-3 1/2"
E-1	8.25E14	19'-11 1/2"
E-2	8.25E14	19'-11 1/2"
E-3	8.25E14	19'-11 1/2"
E-4	8.25E14	19'-11 1/2"
CB-4	CB0250	23'-10"
CB-5	CB0250	22'-6"

CONNECTION PLATES	
ROOF PLAN	
ID	MARK/PART
1	JB-1



DESCRIPTION: ROOF FRAMING PLAN							Page 5 of 13
CUSTOMER:					PROJECT: Lake City RV		
LOCATION: Lake City, FL 32055							
DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATION NO.		SHEET NO.
CG	CG	9/ 2/21	N.T.S.	00	21-986		OF

TRIM TABLE		
ROOF PLAN		
◇ ID	PART	LENGTH
1	Peak Pnl	3'-0"

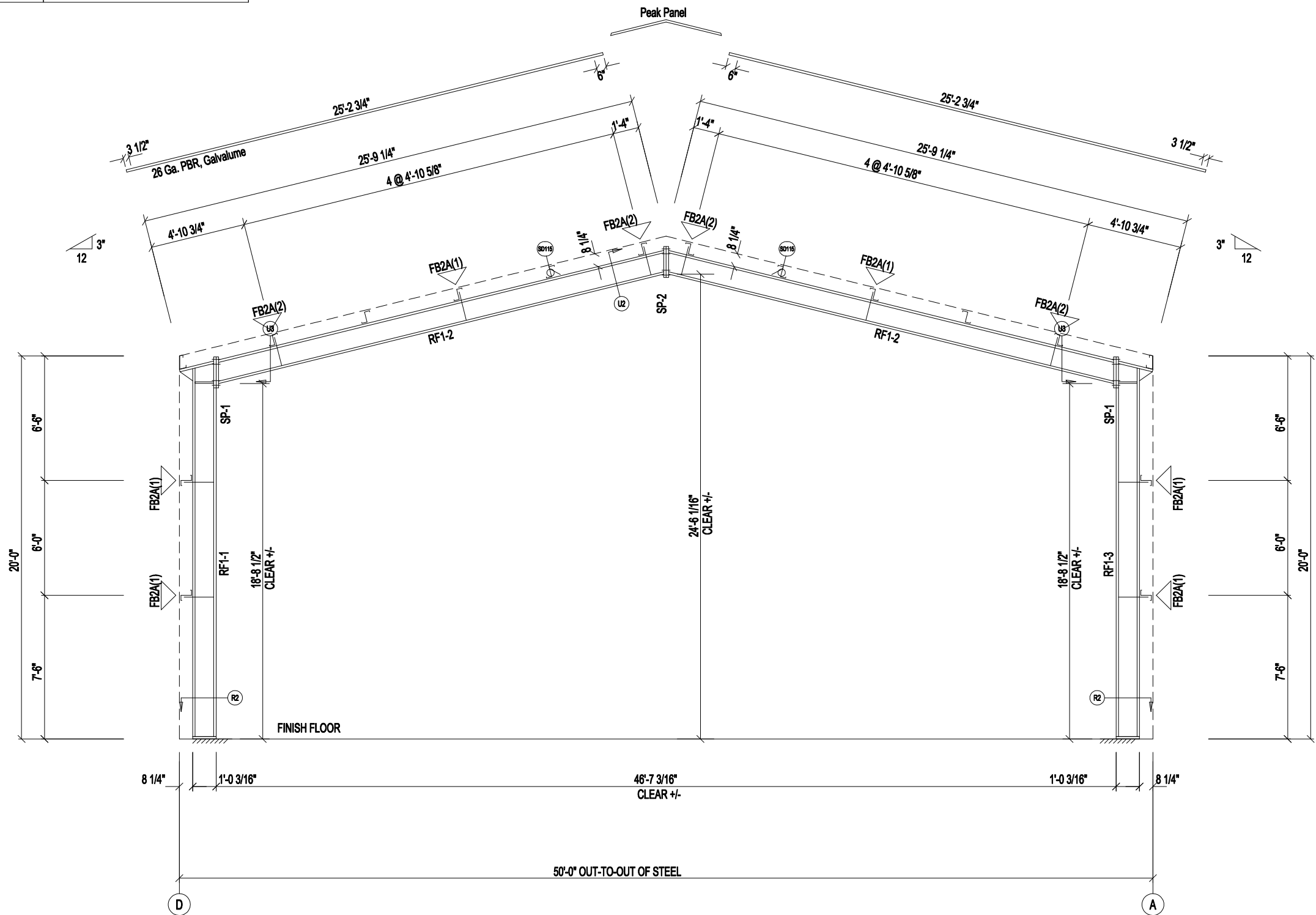


ROOF SHEETING PLAN
PANELS: 26 Ga. PBR - Galvalume 26ga.

 120 Connor St NE Live Oak, FL 32064 Ph. 800-231-0026 www.apex-mbs.com	DESCRIPTION: ROOF FRAMING PLAN							Page 6 of 13
	CUSTOMER:						PROJECT: Lake City RV	
	LOCATION: Lake City, FL 32055							
	DRN. BY CG	CK'D BY CG	DATE 9/ 2/21	SCALE N.T.S.	REV. 00	QUOTATION NO. 21-986	SHEET NO. OF	

SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Qty Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	0	A325	5/8"	2 1/4"	6"	1/2"	1'-7 1/16"
SP-2	4	4	0	A325	5/8"	1 3/4"	6"	3/8"	1'-7 1/16"

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF1-1	W12X19	19'-5 9/16"
RF1-2	W12X16	23'-11 11/16"
RF1-3	W12X19	19'-5 9/16"



RIGID FRAME ELEVATION: FRAME LINE 2 3



120 Connor St NE
Live Oak, FL 32064
Ph. 800-231-0026
www.apex-mbs.com

DESCRIPTION: CROSS SECTION

Page 7 of 13

CUSTOMER:

PROJECT: Lake City RV

LOCATION: Lake City, FL 32055

DRN. BY
CG

CK'D BY
CG

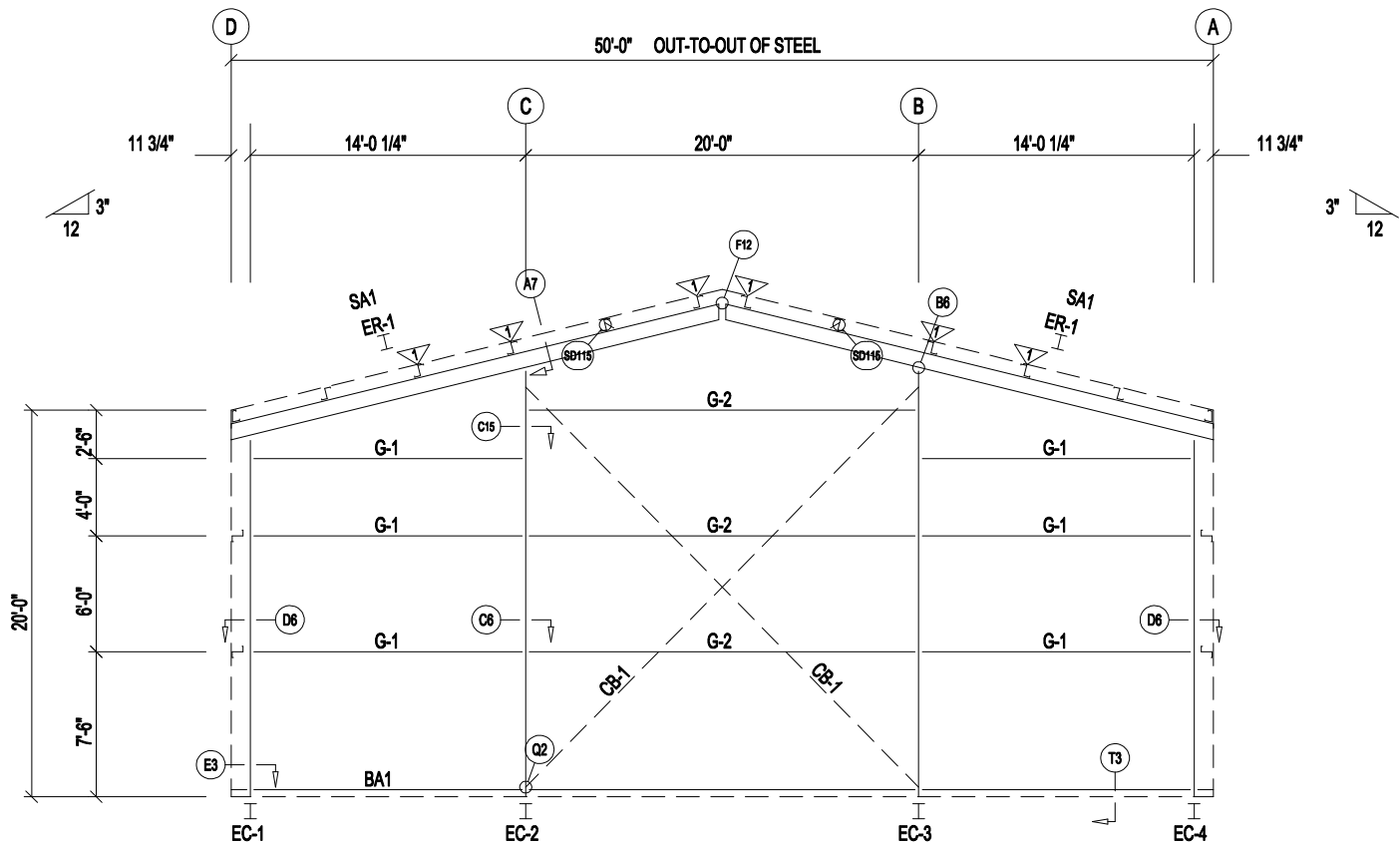
DATE
9/ 2/21

SCALE
N.T.S.

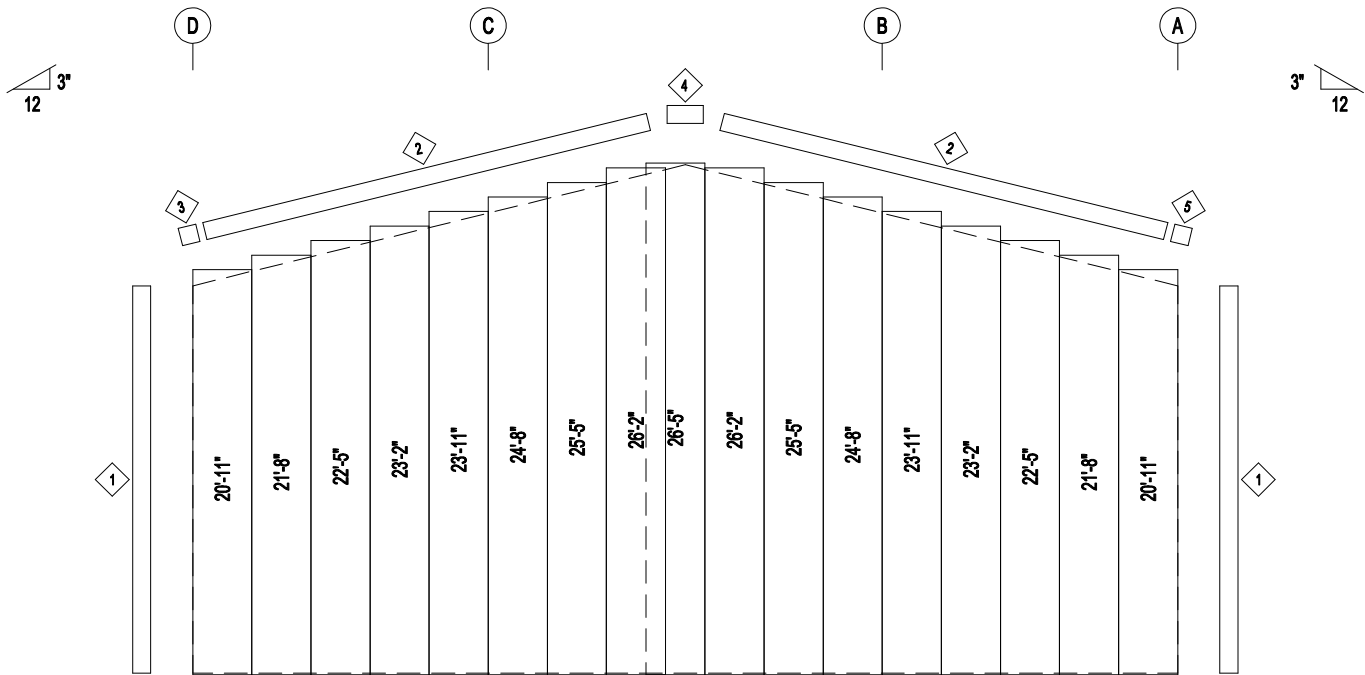
REV.
00

QUOTATION NO.
21-986

SHEET NO.
OF



ENDWALL FRAMING: FRAME LINE 1



ENDWALL SHEETING & TRIM: FRAME LINE 1

PANELS: 26 Ga. PBR - Ash Gray

BOLT TABLE FRAME LINE 1				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-1	8	A325	5/8"	1 3/4"
Columns/Raf	2	A325	5/8"	1 1/4"

MEMBER TABLE FRAME LINE 1		
MARK	PART	LENGTH
EC-1	W8X10	18'-9 9/16"
EC-2	W8X10	22'-3 5/8"
EC-3	W8X10	22'-3 5/8"
EC-4	W8X10	18'-9 9/16"
ER-1	W8X10	25'-9"
G-1	8X25Z16	13'-4 1/4"
G-2	8X25Z14	19'-4"
CB-1	CB0250	29'-7"

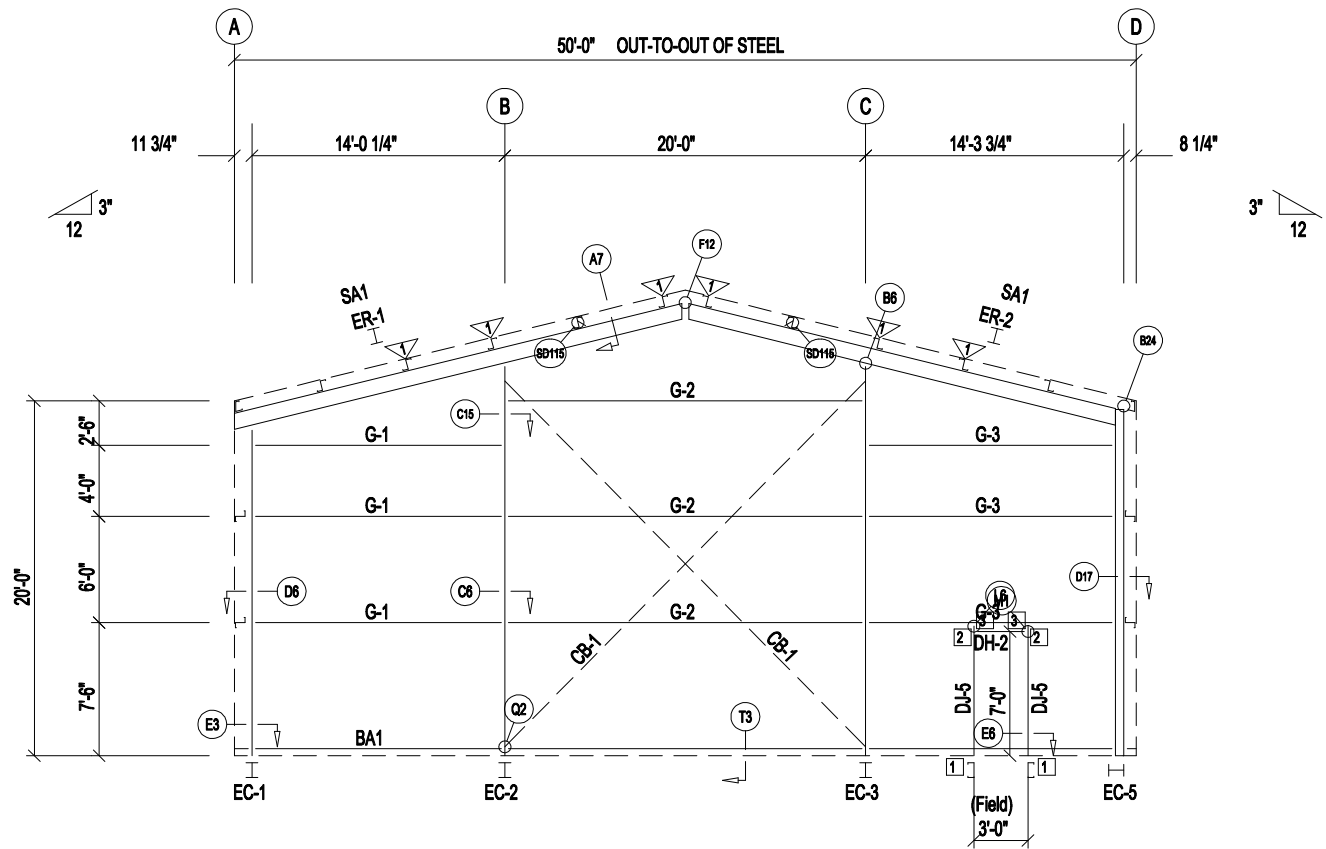
TRIM TABLE FRAME LINE 1		
ID	PART	LENGTH
1	FL-10	20'-0"
2	FL-21	15'-10"
3	FL-21L	11'-2"
4	FL-23	1'-4"
5	FL-21R	11'-2"

FLANGE BRACE TABLE FRAME LINE 1		
ID	MARK	LENGTH
1	FB1A	2'-9 3/4"

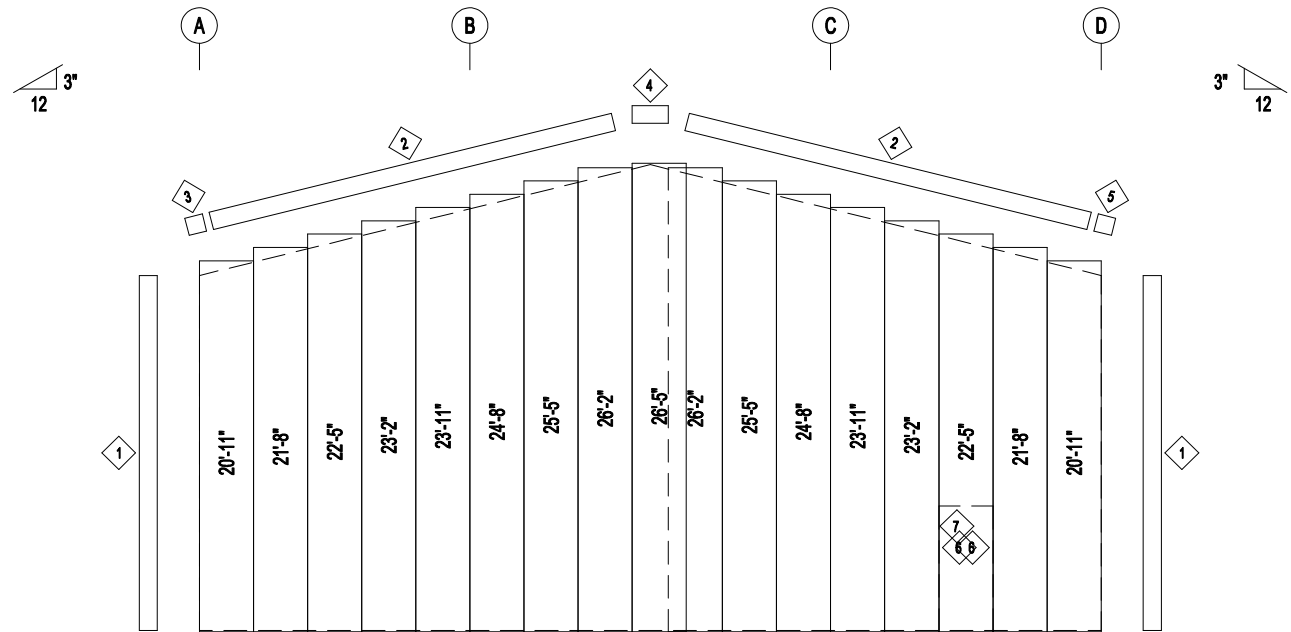


120 Connor St NE
Live Oak, FL 32064
Ph. 800-231-0026
www.apex-mbs.com

DESCRIPTION: ENDWALL ELEVATION					Page 8 of 13	
CUSTOMER:				PROJECT: Lake City RV		
LOCATION: Lake City, FL 32055						
DRN. BY CG	CKD BY CG	DATE 9/ 2/21	SCALE N.T.S.	REV. 00	QUOTATION NO. 21-986	SHEET NO. OF



ENDWALL FRAMING: FRAME LINE 4



ENDWALL SHEETING & TRIM: FRAME LINE 4

PANELS: 26 Ga. PBR - Ash Gray

BOLT TABLE FRAME LINE 4				
LOCATION	QUAN	TYPE	DIA	LENGTH
EC-5/ER-2	4	A325	5/8"	1 1/2"
ER-1/ER-2	8	A325	5/8"	1 3/4"
EC-1/ER-1	2	A325	5/8"	1 1/4"
Int. Column/Raf	2	A325	5/8"	1 1/4"

MEMBER TABLE FRAME LINE 4		
MARK	PART	LENGTH
EC-1	W8X10	18'-9 9/16"
EC-2	W8X10	22'-3 5/8"
EC-3	W8X10	22'-3 5/8"
EC-5	W8X10	19'-7 1/2"
ER-1	W8X10	25'-9"
ER-2	W8X10	24'-6 9/16"
DJ-5	8X35C16	7'-1 3/4"
DH-2	8X25C16	2'-11 1/2"
G-1	8X25Z16	13'-4 1/4"
G-2	8X25Z14	19'-4"
G-3	8X25Z16	13'-3 5/8"
CB-1	CB0250	29'-7"

TRIM TABLE FRAME LINE 4		
◇ ID	PART	LENGTH
1	FL-10	20'-0"
2	FL-21	15'-10"
3	FL-21L	11'-2"
4	FL-23	1'-4"
5	FL-21R	11'-2"
6	FL-48	7'-3"
7	FL-52	3'-4"

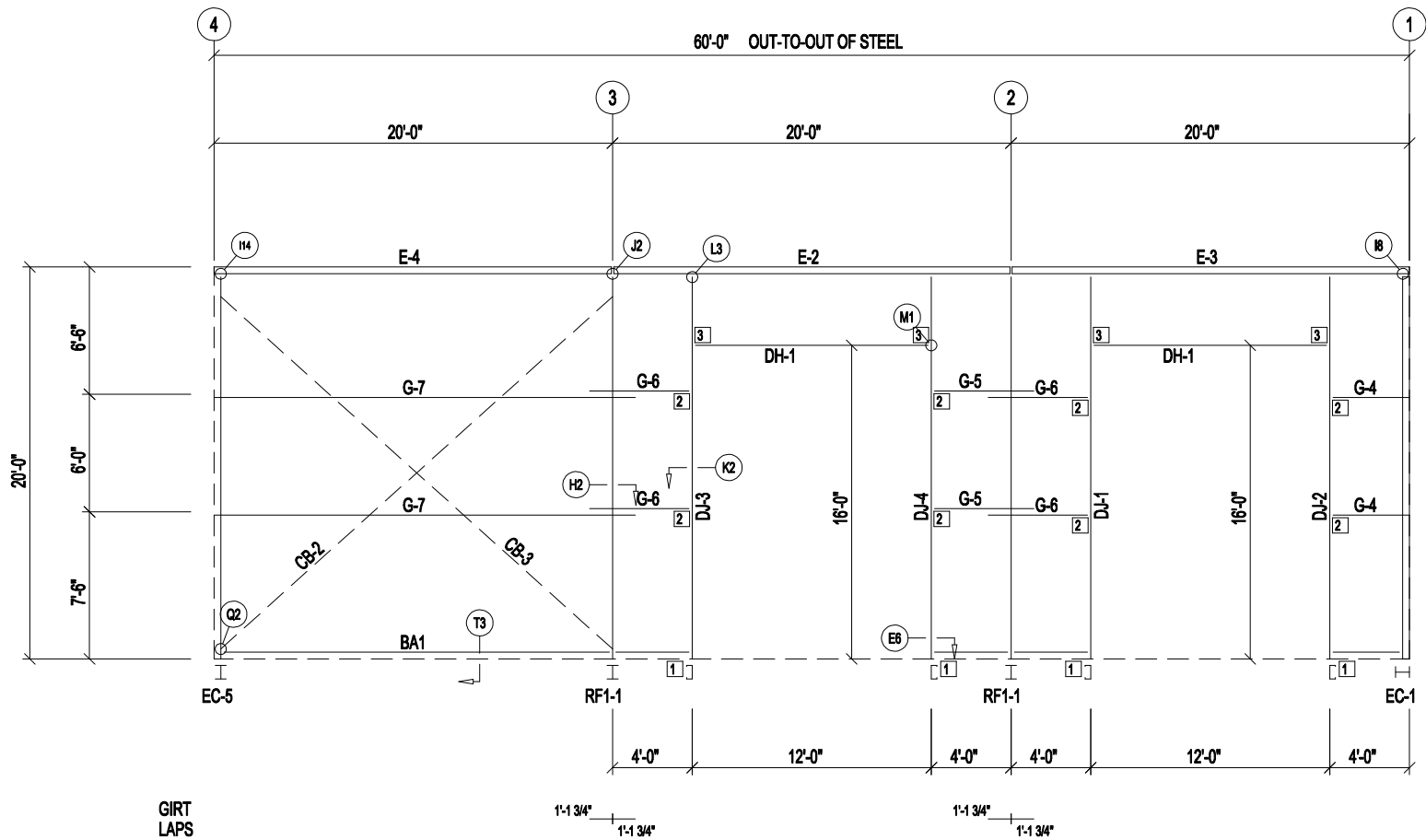
FLANGE BRACE TABLE FRAME LINE 4		
▽ ID	MARK	LENGTH
1	FB1A	2'-9 3/4"

CONNECTION PLATES FRAME LINE 4		
□ ID	MARK/PART	
1	CL-104	
2	CL-103	
3	CL-100	

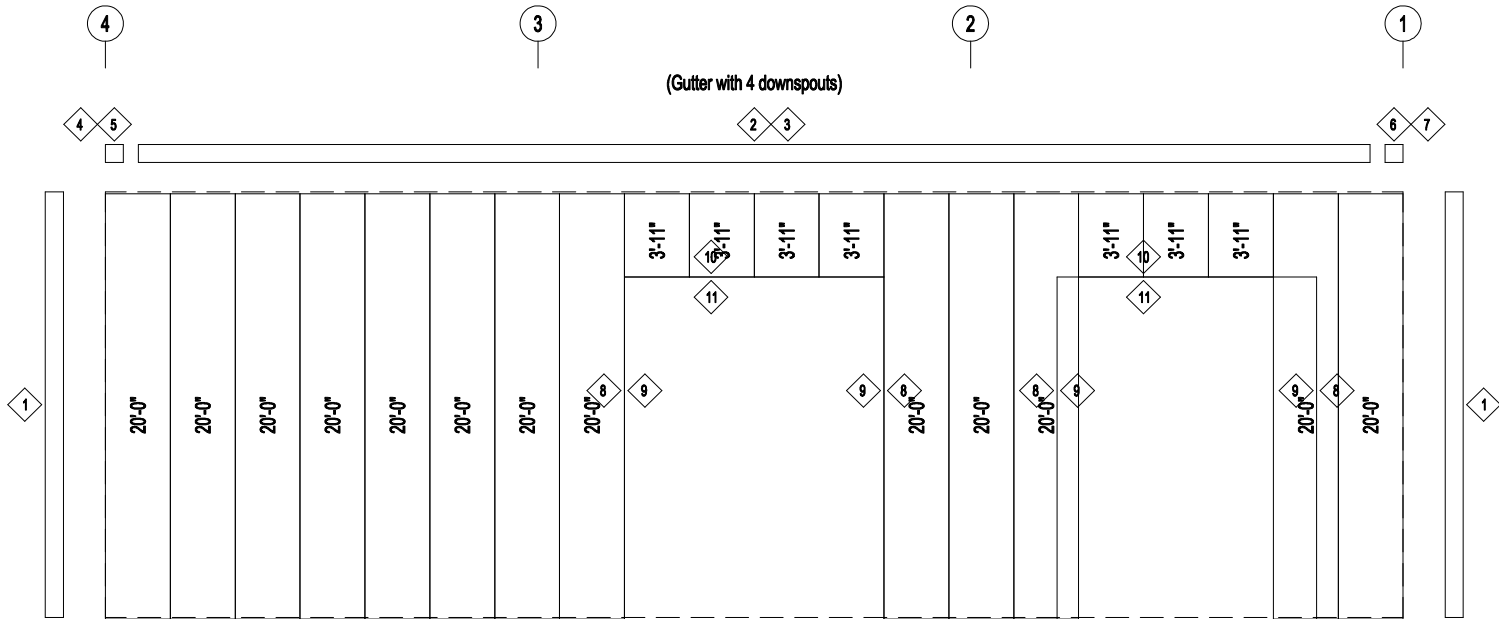


120 Connor St NE
Live Oak, FL 32064
Ph. 800-231-0026
www.apex-mbs.com

DESCRIPTION: ENDWALL ELEVATION							Page 9 of 13	
CUSTOMER:				PROJECT: Lake City RV				
LOCATION: Lake City, FL 32055								
DRN. BY CG	CK'D BY CG	DATE 9/ 2/21	SCALE N.T.S.	REV. 00	QUOTATION NO. 21-986	SHEET NO. OF		



SIDEWALL FRAMING: FRAME LINE D



SIDEWALL SHEETING & TRIM: FRAME LINE D

PANELS: 26 Ga. PBR - Ash Gray

MEMBER TABLE		
FRAME LINE D		
MARK	PART	LENGTH
DJ-1	8X35C14	19'-5 1/4"
DJ-2	8X35C14	19'-5 1/4"
DJ-3	8X35C16	19'-5 1/4"
DJ-4	8X35C16	19'-5 1/4"
DH-1	8X25C16	11'-11 1/2"
E-2	8.25E14	19'-11 1/2"
E-3	8.25E14	19'-11 1/2"
E-4	8.25E14	19'-11 1/2"
G-4	8X25Z16	3'-7 3/4"
G-5	8X25Z16	4'-9 3/4"
G-6	8X25Z16	4'-9 3/4"
G-7	8X25Z16	21'-1 1/2"
CB-2	CB0313	27'-6"
CB-3	CB0313	27'-4"

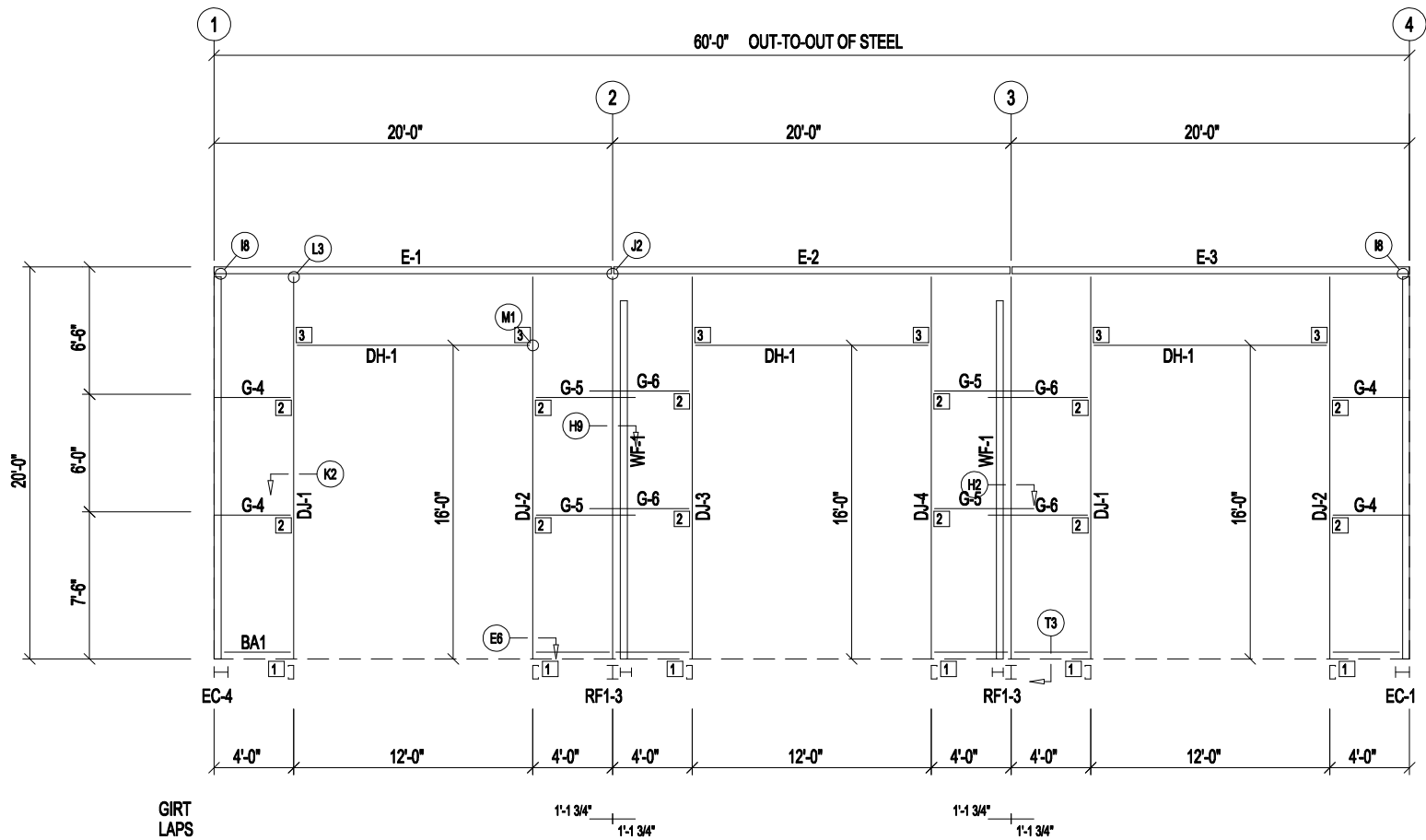
TRIM TABLE		
FRAME LINE D		
ID	PART	LENGTH
1	FL-10	20'-0"
2	FL-32	20'-1"
3	FL-31	20'-2"
4	FL-32L	11'-2"
5	FL-33L	8"
6	FL-32R	11'-2"
7	FL-33R	8"
8	FL-55	16'-2"
9	FL-48	16'-3"
10	FL-55	12'-4"
11	FL-52	12'-4"

CONNECTION PLATES		
FRAME LINE D		
ID	MARK/PART	
1	CL-104	
2	CL-103	
3	CL-100	

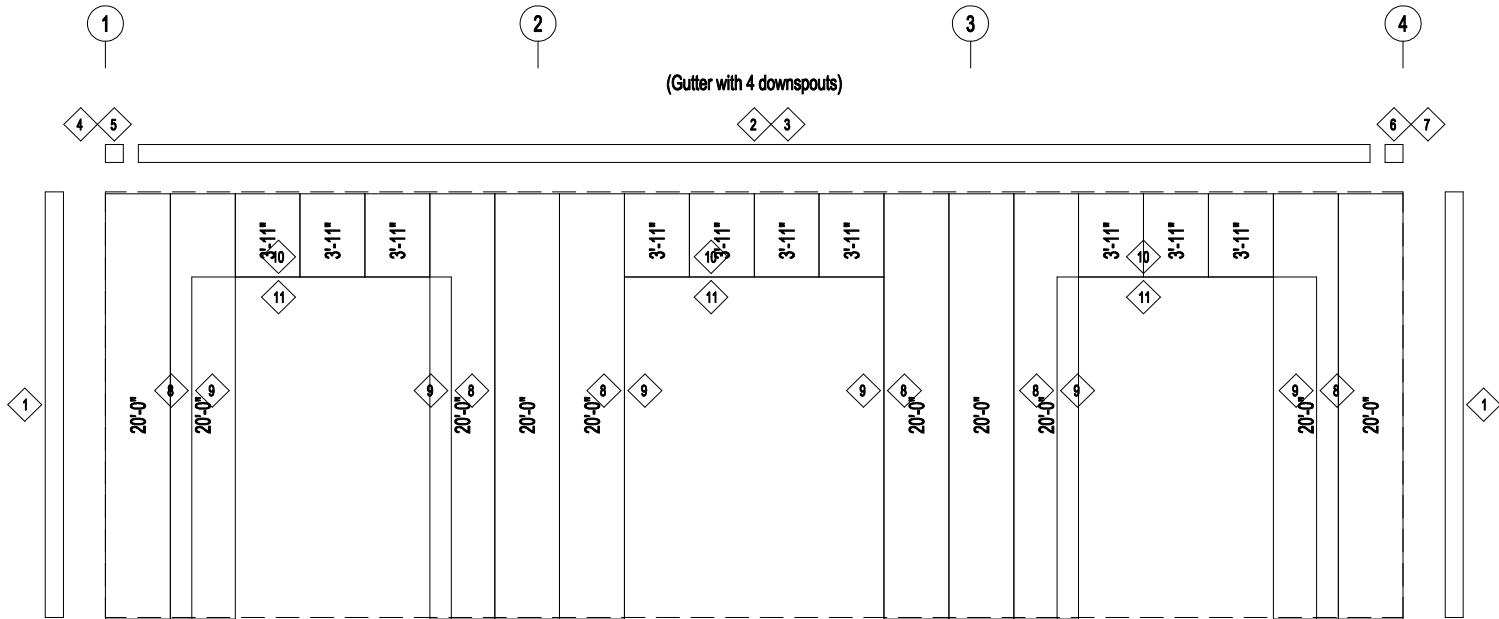


120 Connor St NE
Live Oak, FL 32064
Ph. 800-231-0026
www.apex-mbs.com

DESCRIPTION: SIDEWALL ELEVATION							Page 10 of 13	
CUSTOMER:				PROJECT: Lake City RV				
LOCATION: Lake City, FL 32055								
DRN. BY CG	CK'D BY CG	DATE 9/ 2/21	SCALE N.T.S.	REV. 00	QUOTATION NO. 21-986	SHEET NO. OF		



SIDEWALL FRAMING: FRAME LINE A



SIDEWALL SHEETING & TRIM: FRAME LINE A

PANELS: 26 Ga. PBR - Ash Gray

BOLT TABLE				
FRAME LINE A				
LOCATION	QUAN	TYPE	DIA	LENGTH
WF-1 - RF1-3	10	A325	5/8"	1 1/2"

MEMBER TABLE		
FRAME LINE A		
MARK	PART	LENGTH
WF-1	W12X22	18'-8"
DJ-1	8X35C14	19'-5 1/4"
DJ-2	8X35C14	19'-5 1/4"
DJ-3	8X35C16	19'-5 1/4"
DJ-4	8X35C16	19'-5 1/4"
DH-1	8X25C16	11'-11 1/2"
E-1	8.25E14	19'-11 1/2"
E-2	8.25E14	19'-11 1/2"
E-3	8.25E14	19'-11 1/2"
G-4	8X25Z16	3'-7 3/4"
G-5	8X25Z16	4'-9 3/4"
G-6	8X25Z16	4'-9 3/4"

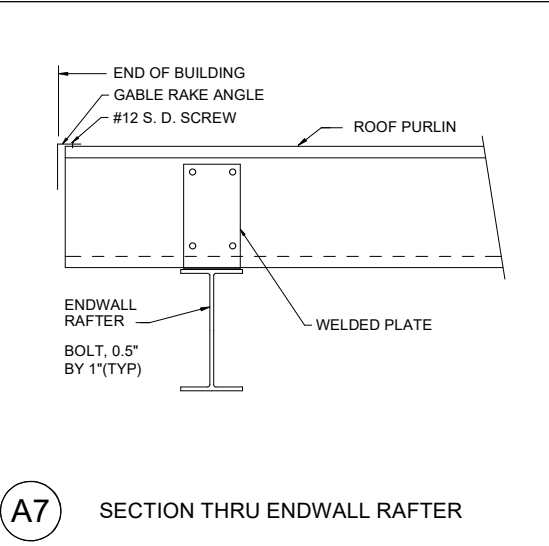
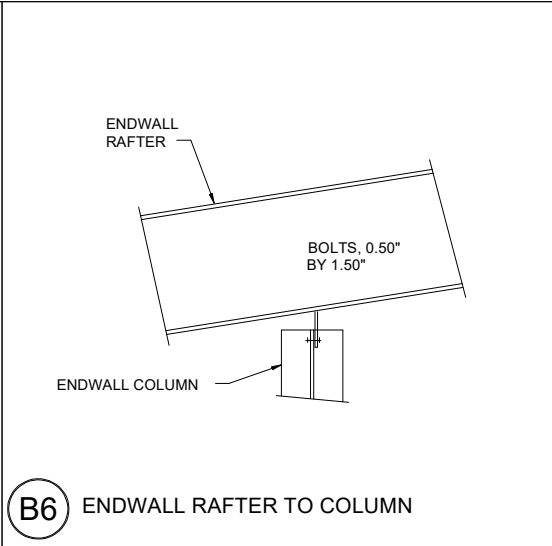
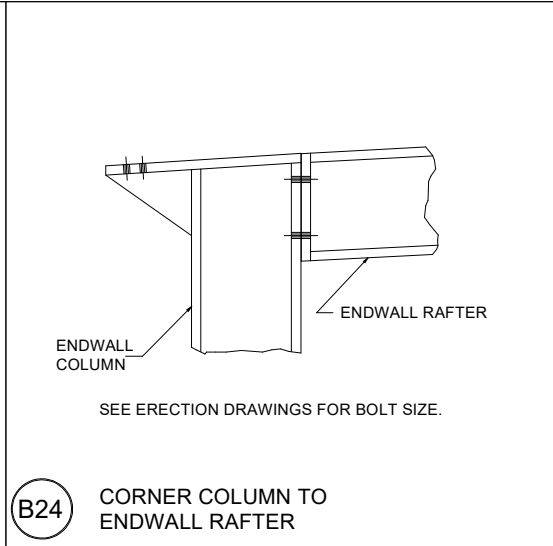
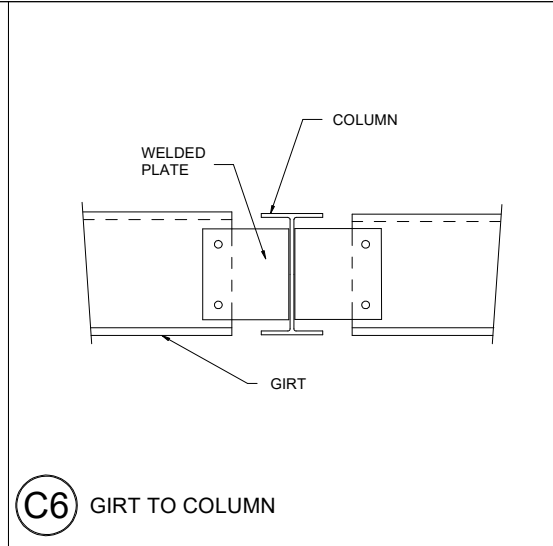
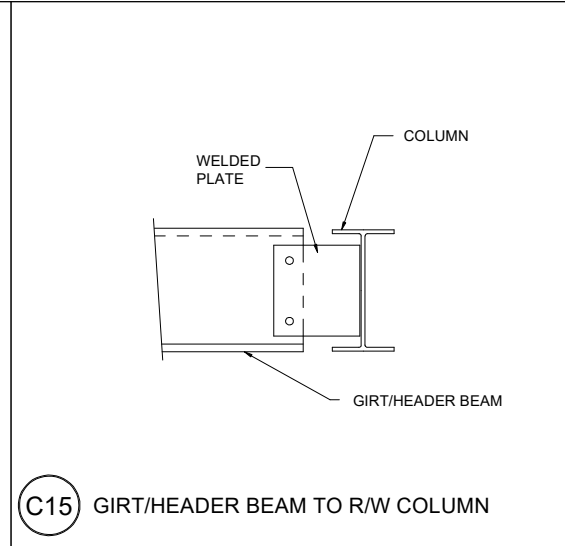
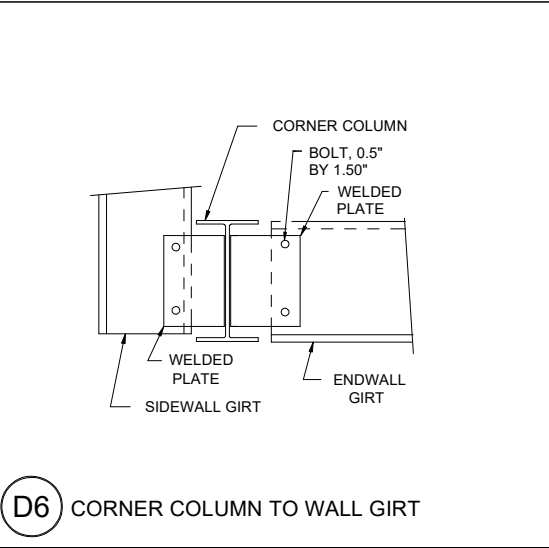
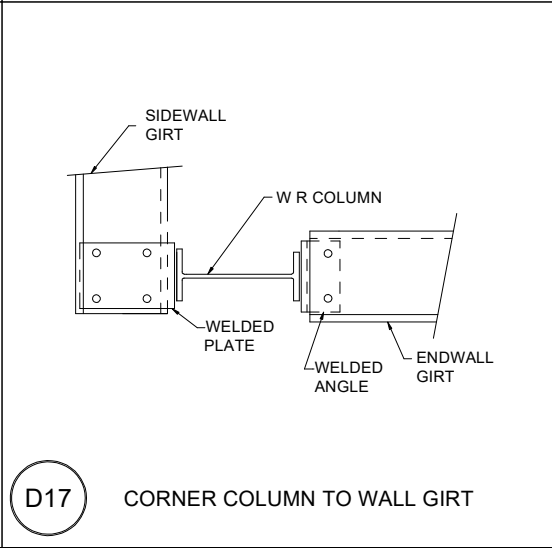
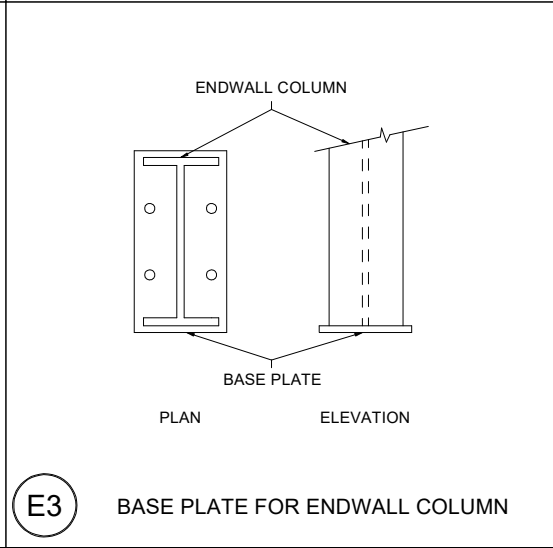
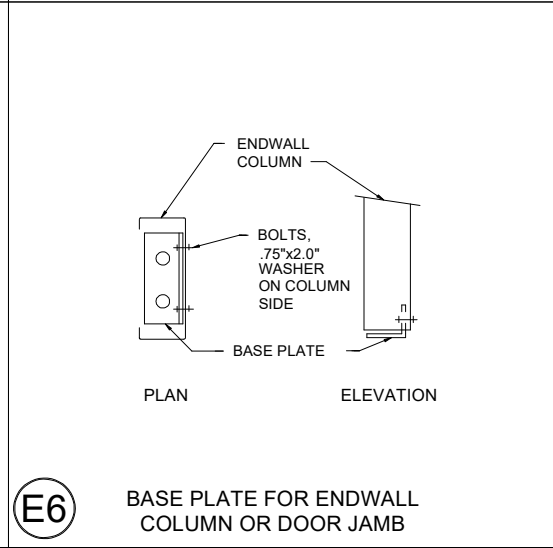
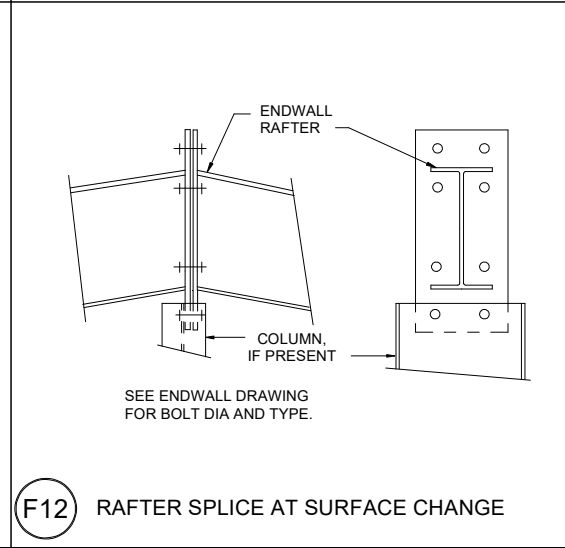
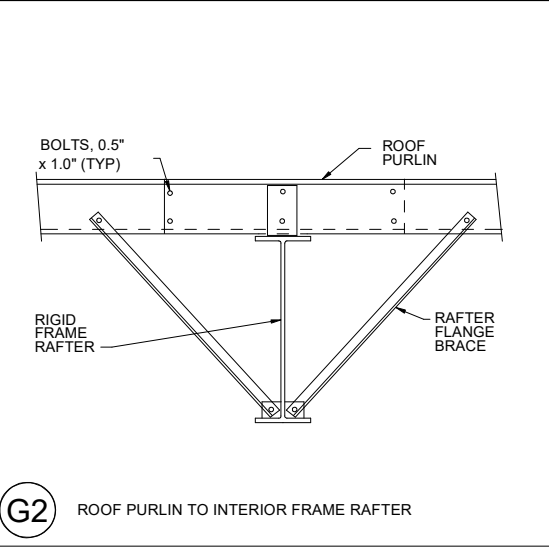
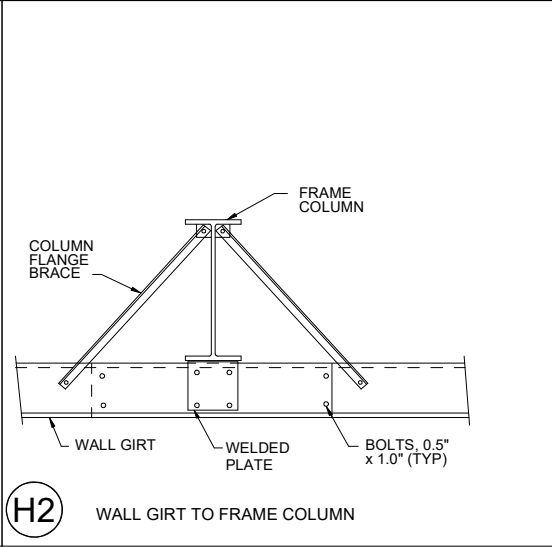
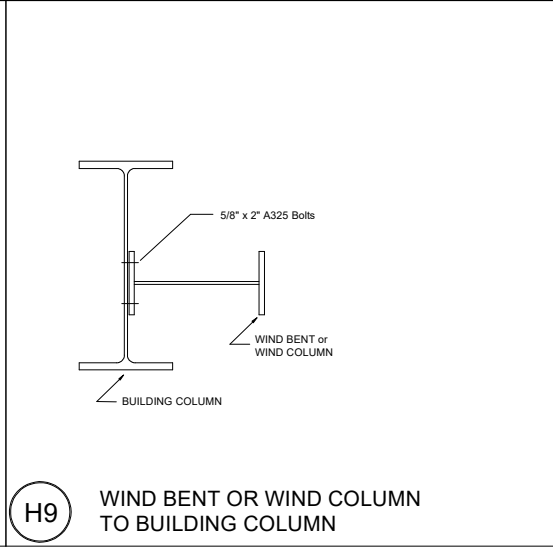
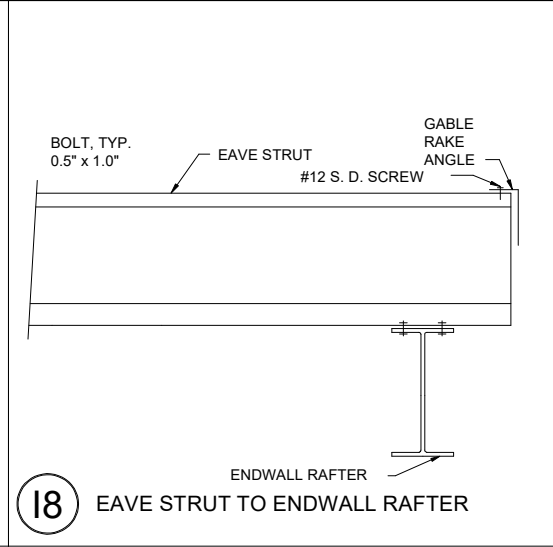
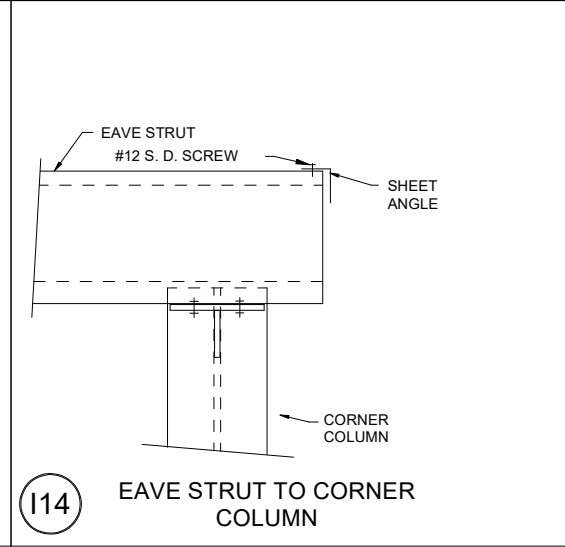
TRIM TABLE		
FRAME LINE A		
ID	PART	LENGTH
1	FL-10	20'-0"
2	FL-32	20'-1"
3	FL-31	20'-2"
4	FL-32L	11'-2"
5	FL-33L	8"
6	FL-32R	11'-2"
7	FL-33R	8"
8	FL-55	16'-2"
9	FL-48	16'-3"
10	FL-55	12'-4"
11	FL-52	12'-4"

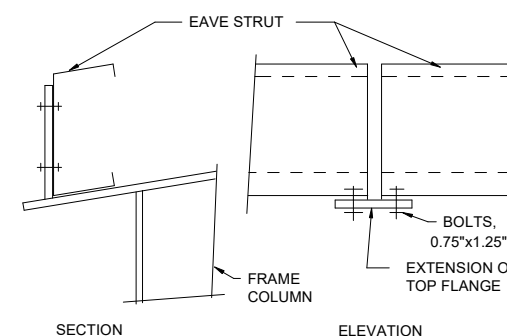
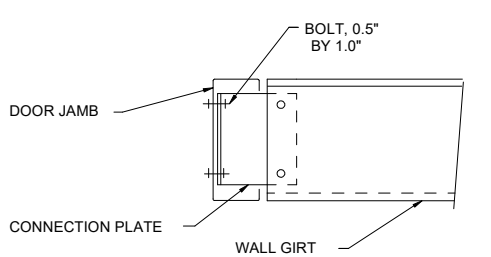
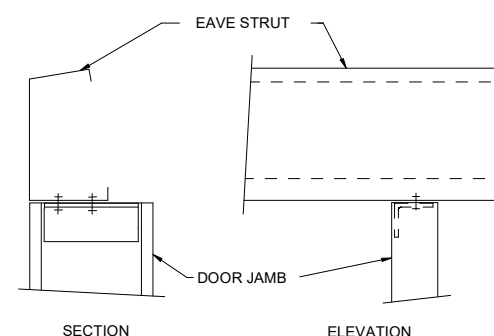
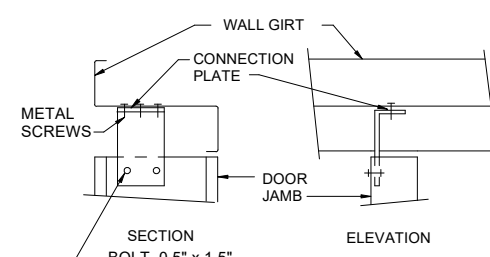
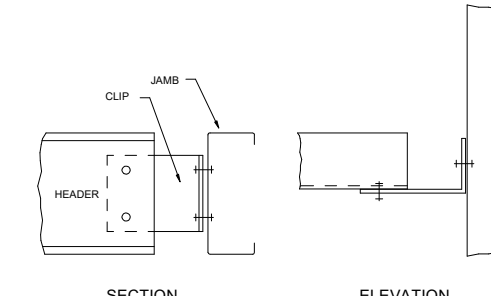
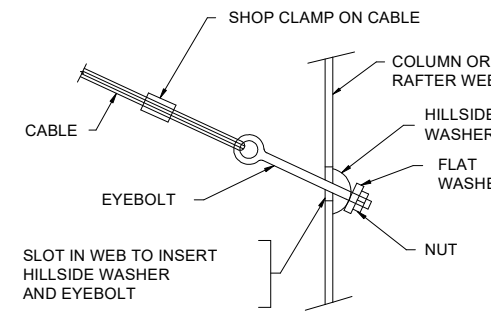
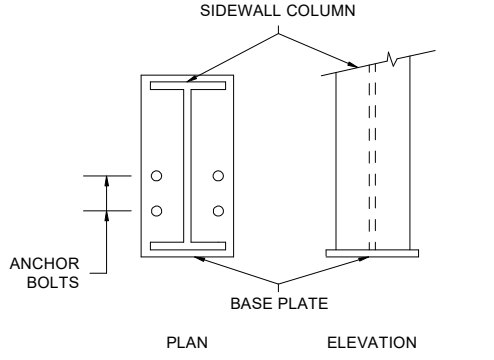
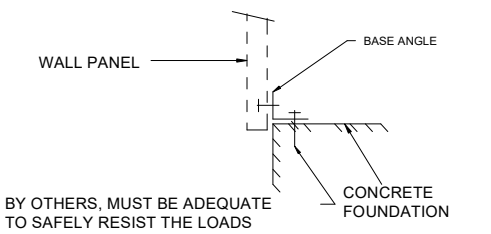
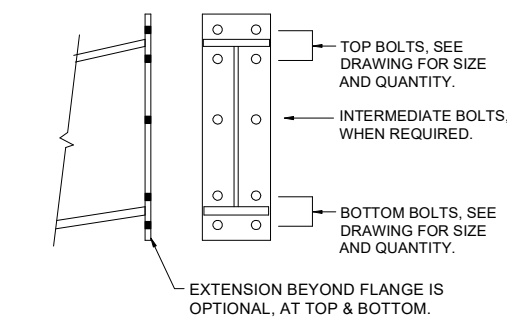
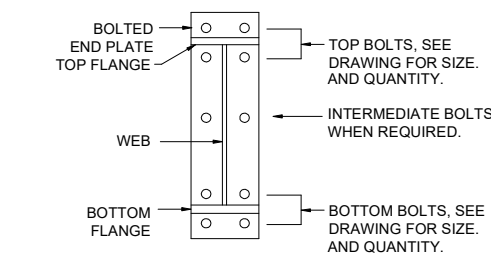
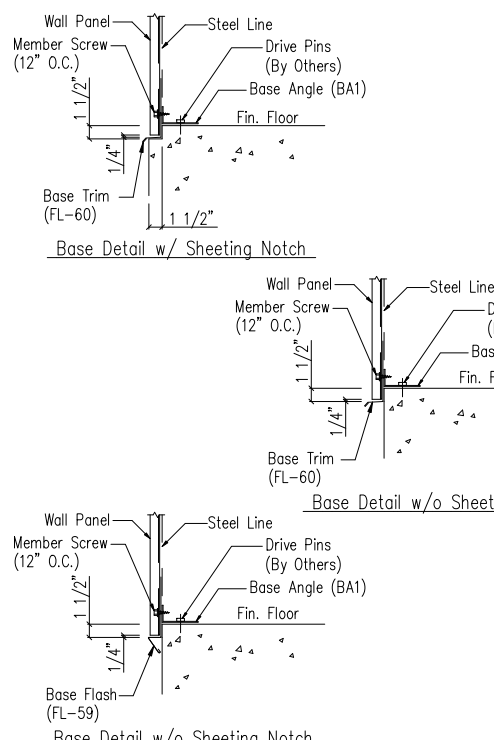
CONNECTION PLATES	
FRAME LINE A	
ID	MARK/PART
1	CL-104
2	CL-103
3	CL-100



120 Connor St NE
Live Oak, FL 32064
Ph. 800-231-0026
www.apex-mbs.com

DESCRIPTION: SIDEWALL ELEVATION							Page 11 of 13	
CUSTOMER:				PROJECT: Lake City RV				
LOCATION: Lake City, FL 32055								
DRN. BY CG	CK'D BY CG	DATE 9/ 2/21	SCALE N.T.S.	REV. 00	QUOTATION NO. 21-986	SHEET NO. OF		

 A7 SECTION THRU ENDWALL RAFTER	 B6 ENDWALL RAFTER TO COLUMN	 B24 CORNER COLUMN TO ENDWALL RAFTER	 C6 GIRT TO COLUMN	 C15 GIRT/HEADER BEAM TO R/W COLUMN
 D6 CORNER COLUMN TO WALL GIRT	 D17 CORNER COLUMN TO WALL GIRT	 E3 BASE PLATE FOR ENDWALL COLUMN	 E6 BASE PLATE FOR ENDWALL COLUMN OR DOOR JAMB	 F12 RAFTER SPLICE AT SURFACE CHANGE
 G2 ROOF PURLIN TO INTERIOR FRAME RAFTER	 H2 WALL GIRT TO FRAME COLUMN	 H9 WIND BENT OR WIND COLUMN TO BUILDING COLUMN	 I8 EAVE STRUT TO ENDWALL RAFTER	 I14 EAVE STRUT TO CORNER COLUMN

 SECTIONELEVATION	 DOOR JAMBSECTIONELEVATION	 SECTIONELEVATION	 SECTIONELEVATION	 SECTIONELEVATION
J2 EAVE STRUT TO RIGID FRAME	K2 WALL GIRT TO DOOR JAMB	L3 DOOR JAMB TO EAVE STRUT	L6 DOOR JAMB TO WALL GIRT	M1 HEADER TO C JAMB
	 SECTIONELEVATION	 PLANELEVATION		 SECTION
	Q2 DIAGONAL CABLE, EYEBOLT END	R2 ANCHOR BOLTS AT SIDEWALL COLUMN		T3 SECTION THRU WALL PANEL AND CONCRETE FOUNDATION
 SECTION	 SECTION	 Base Detail w/ Sheeting NotchBase Detail w/o Sheeting NotchBase Detail w/o Sheeting Notch		
U2 BOLTED END PLATE CONNECTION AT BUILDING PEAK	U3 BOLTS FOR RAFTER TO COLUMN CONNECTION	NOTE: If insulation is required install trim first. NOTE: A minimum of 1/4" space should be allowed from the sheet end to any surface. Base Angle w/Trim		
		DRAWING NO. SD74		
		Revised On: 03/25/18 Created On: 5/25/12		



120 Connor St NE
Live Oak, FL 32064
Ph. 800-231-0026
www.apex-mbs.com

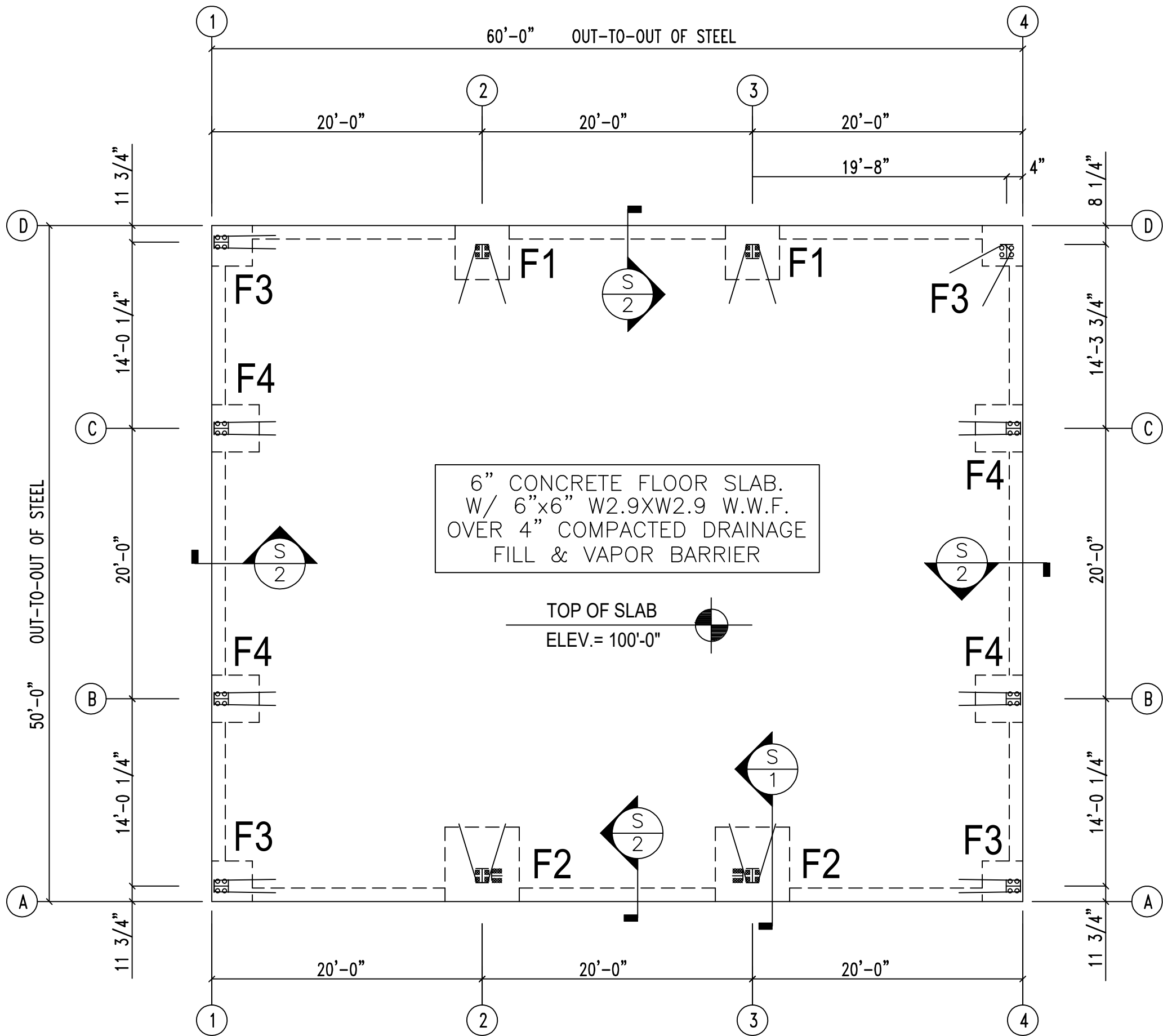
DESCRIPTION: DETAIL DRAWINGS

CUSTOMER: PROJECT: Lake City RV

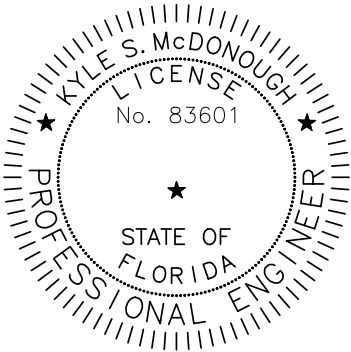
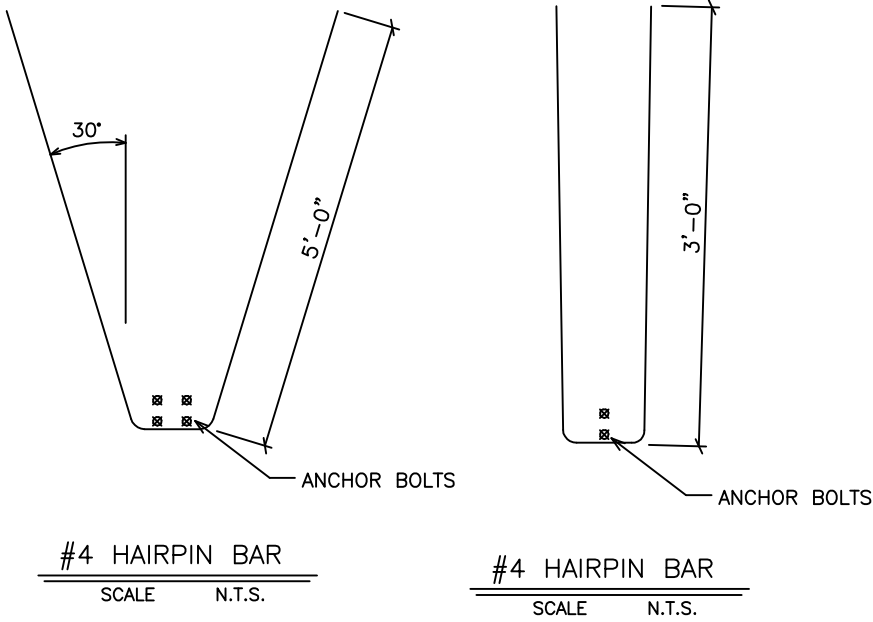
LOCATION: Lake City, FL 32055

DRN. BY CG	CK'D BY CG	DATE 9/ 2/21	SCALE N.T.S.	REV. 00	QUOTATION NO. 21-986	SHEET NO. OF
---------------	---------------	-----------------	-----------------	------------	-------------------------	-----------------

Page 13 of 13



FOOTING SCHEDULE			
MARK	SIZE	BOTT/FOOTING ELEV.	REINFORCING
F1	4'-0" x 4'-0" x 1'-6"	98'-6"	(5) #5 EACH WAY, BOTTOM
F2	5'-6" x 5'-6" x 2'-0"	98'-0"	(7) #5 EACH WAY TOP & BOTTOM
F3	3'-0" x 3'-0" x 1'-6"	98'-6"	(4) #5 EACH WAY, BOTTOM
F4	3'-6" x 3'-6" x 1'-6"	98'-6"	(5) #5 EACH WAY, BOTTOM



FOUNDATION PLAN

APEX METAL BUILDING SYSTEMS
118 Northeast Conner St.
LIVE OAK, FL 32406
PHONE: 800.231.0026

LAKE CITY RV
LAKE CITY, FL 32055
JOB NO. 21-986

DATE
SEPTEMBER 9, 2021

SHEET
1 OF 3

DESIGN LOADS:

BUILDING CODE:	FBC 2020
ROOF LIVE LOAD:	20 PSF
ROOF DEAD LOAD	
SUPERIMPOSED:	2.5 PSF
COLLATERAL:	0.0 PSF
GROUND SNOW LOAD:	0.0 PSF
FLAT ROOF SNOW LOAD:	0.0 PSF
ULTIMATE WIND SPEED:	117 MPH
WIND EXPOSURE CATEGORY:	B
IMPORTANCE FACTOR:	
	WIND 1.00
	SEISMIC 1.00
	SNOW 1.00

LATERAL DESIGN CONTROL:

EARTHQUAKE:	___
WIND:	<u> X </u>
CALCULATED BUILDING DESIGN BASE SHEARS:	
VX=	SEE METAL BLDG. DRAWINGS
VY=	SEE METAL BLDG. DRAWINGS

FOUNDATIONS:

1. ASSUMED SOIL BEARING PRESSURE IS 2,000 PSF ON FIRM UNDISTURBED SOIL OR COMPACTED FILL MATERIAL. ALL CONCRETE FOOTINGS SHOULD EXTEND BELOW FROST LINE PER LOCAL BUILDING CODE.
2. FILL MATERIAL SHALL BE FREE OF ROOTS, WOOD AND OTHER ORGANIC MATERIAL. MATERIALS USED FOR FILL BELOW FOOTINGS AND WITHIN BUILDING LIMITS SHALL BE TESTED AND APPROVED FOR USE BY AN APPROVED TESTING AGENCY.
3. FILL SHALL BE PLACED IN LIFTS NO GREATER THAN 8 INCHES AND COMPACTED TO 95 PERCENT OF THE OPTIMUM DENSITY AS DEFINED BY ASTM D-698.
4. PROOFROLLING SHALL BE CONDUCTED FOR BUILDING SUBGRADE USING A FULLY LOADED DUMP TRUCK. PROOFROLLING SHALL BE CONDUCTED FOLLOWING A SUITABLE PERIOD OF DRY WEATHER TO AVOID DEGRADING AN OTHERWISE ACCEPTABLE SUBGRADE.
5. UTILITY LINES SHALL NOT BE PLACED THROUGH BUILDING FOUNDATIONS WITHOUT THE STRUCTURAL ENGINEERS APPROVAL.
6. FOOTINGS SHALL BE CENTERED ON COLUMN PIER CENTERLINES UNLESS SHOWN OTHERWISE.

CONCRETE:

1. ALL CONCRETE CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT ACI BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE ACI 318-14.
2. ALL CONCRETE SHALL HAVE ASTM C-33 AGGREGATE WITH MAXIMUM UNIT WEIGHT OF 150 PCF. CONCRETE COMPRESSIVE STRENGTH SHALL BE 4,000 PSI AT 28 DAYS, MIN.

REINFORCING STEEL:

1. REINFORCING STEEL SHALL BE BILLET STEEL, DEFORMED BARS CONFORMING TO ASTM A-615, GRADE 60.
2. CONCRETE COVERAGE OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH THE FOLLOWING SCHEDULE UNLESS ORTHERWISE NOTED:

A. FOOTING AND GRADE BEAMS

3 INCHES

B. SLAB ON GRADE

2 INCHES
3. REINFORCING STEEL SHALL BE LAPPED USING THE FOLLOWING SCHEDULE:

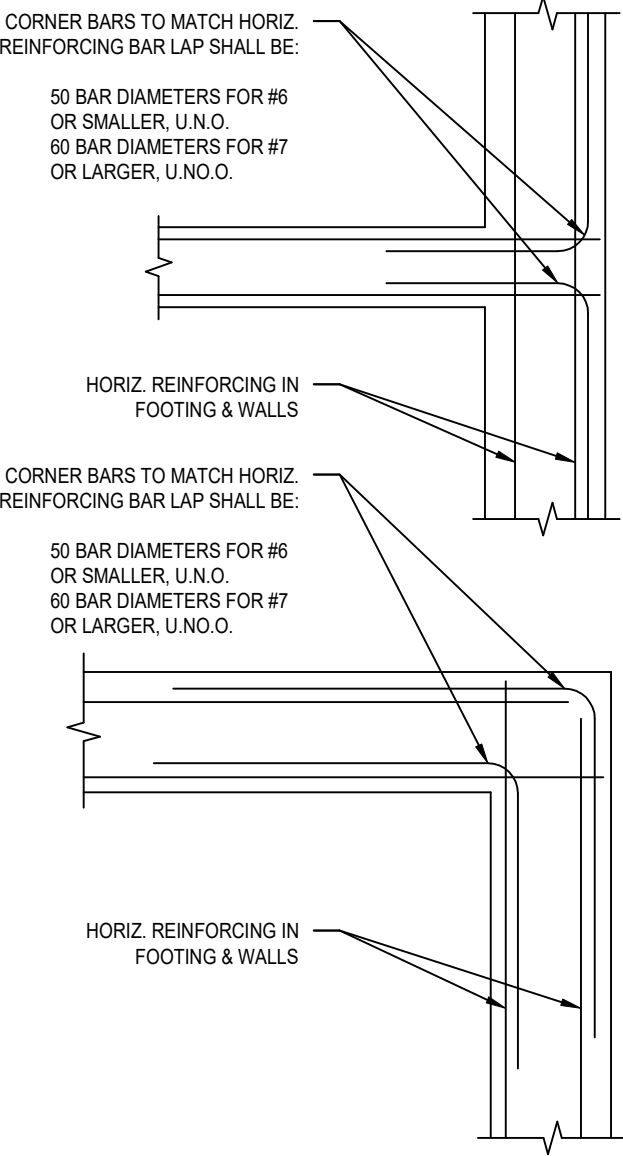
NO.4 = 25"

NO.5 = 31"

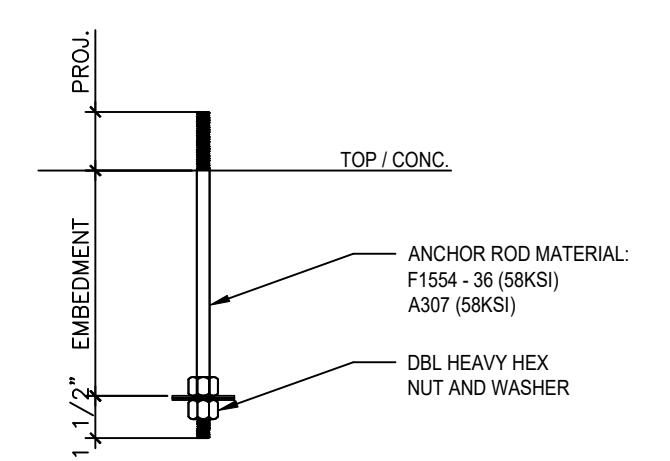
NO.6 = 37"

GENERAL NOTES:

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL CODES AND REGULATIONS.
2. ALL DIMENSIONS SHOULD BE READ OR CALCULATED, NOT SCALED.
3. REFER TO METAL BUILDING DRAWINGS FOR SPECIFIC DETAILS AND INFORMATION.
4. REFER TO METAL BUILDING DRAWINGS FOR ALL ANCHOR BOLT SIZES AND LOCATIONS.
5. THE DESIGN OF THIS FOUNDATION WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE – 2018 EDITION.
6. THE CONTRACTOR SHALL EXERCISE PROPER PRECAUTION TO VERIFY ALL EXISTING CONDITIONS AND LAYOUT OF WORK. IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY ERROR RESULTING FROM FAILURE TO EXERCISE SUCH PERCAUTION.
7. ANY DISCREPANCIES, ERRORS ON OMISSIONS DISCOVERED IN THE DOCUMENT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH RELATED WORK, OTHERWISE, THE CORRECTION OF SUCH ITEMS IS THE RESPONSIBILITY OF THE CONTRACTOR OR SUBCONTRACTOR.
8. WHERE A DETAIL, TYPICAL DETAIL, SECTION, TYPICAL SECTION OR A NOTE IS SHOWN FOR ONE CONDITION, IT SHALL APPLY FOR ALL LIKE OR SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
9. CONTROL JOINTS IN CONCRETE SLABS SHALL BE SAWCUT, CONSTRUCTION JOINTS SHALL BE FORMED WITH KEYED METAL EDGE FORM MATERIAL OR DOWELED.
10. CONTROL JOINTS SHALL BE INSTALLED AT 12’ O.C., MAX SPACING EACH WAY FOR FLOOR SLABS ON GRADE, UNLESS SHOWN OTHERWISE.

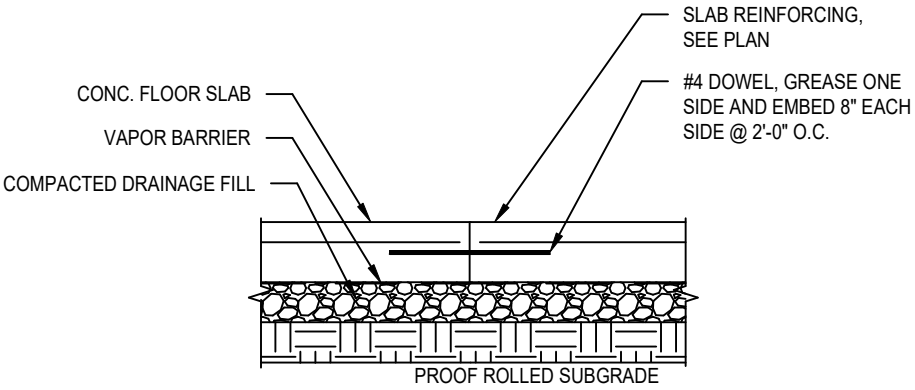


TYPICAL CORNER BAR DETAIL

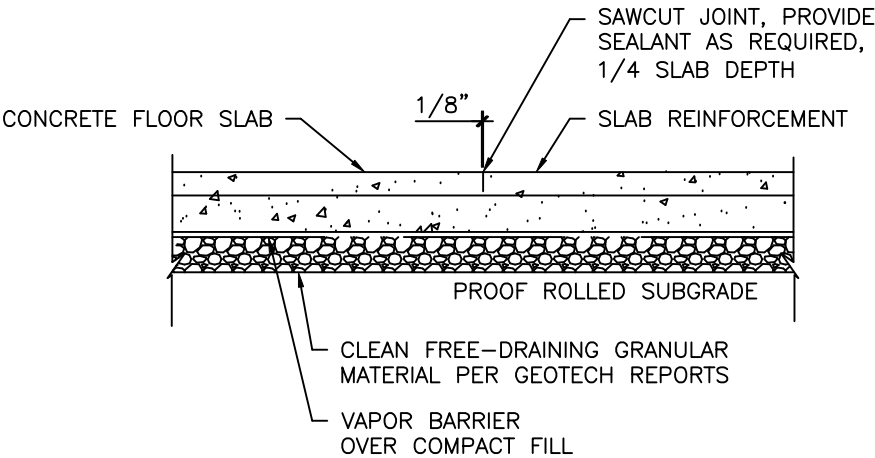


ANCHOR BOLT EMBEDMENT REQUIREMENTS:

5/8" Ø A.B. = 10" EMBEDMENT
3/4" Ø A.B. = 12" EMBEDMENT

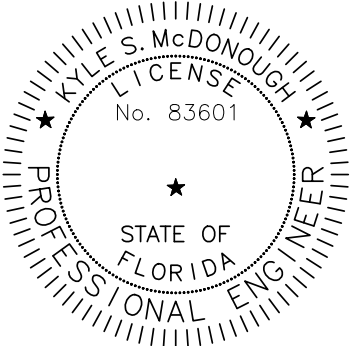


TYPICAL CONSTRUCTION JOINT



TYPICAL CONTROL JOINTS

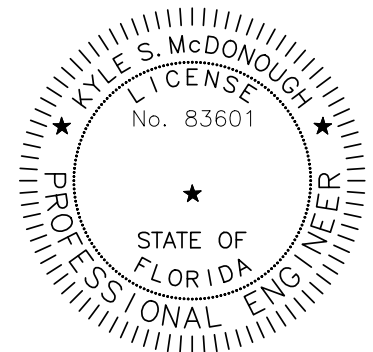
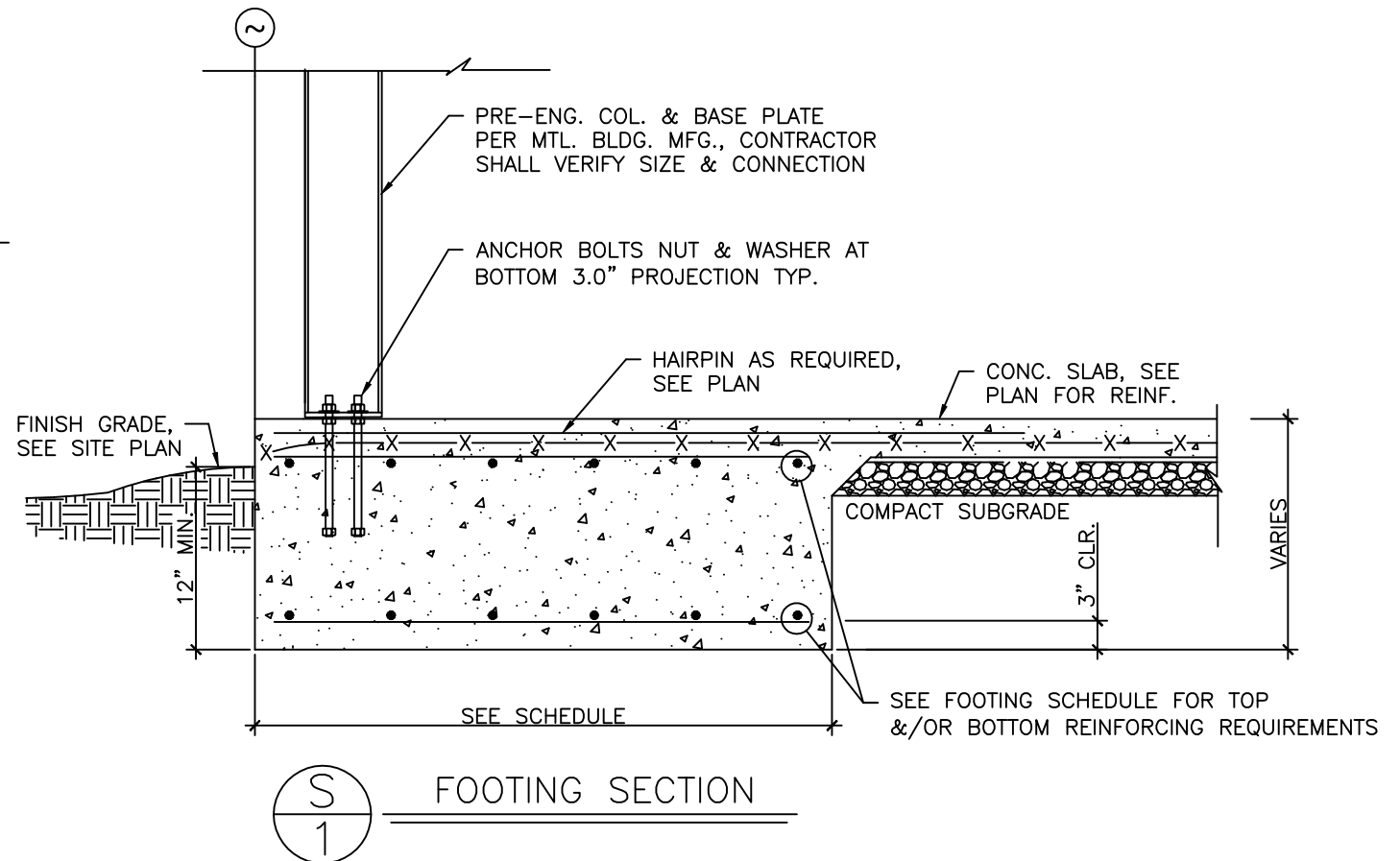
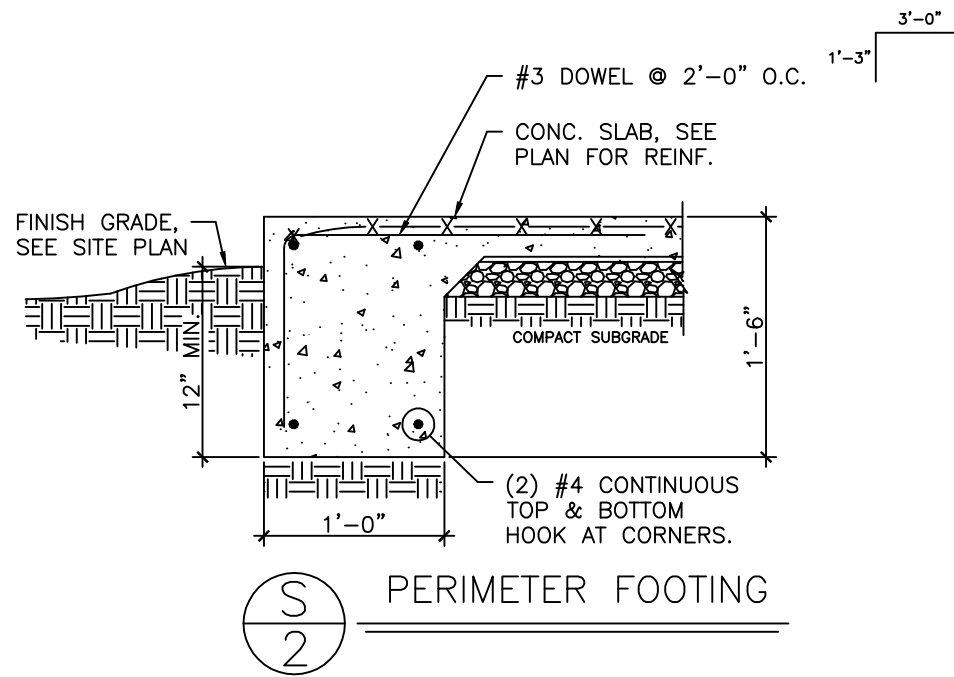
* SEE GENERAL NOTE 10 *



APEX METAL BUILDING SYSTEMS
118 Northeast Conner St.
LIVE OAK, FL 32406
PHONE: 800.231.0026

LAKE CITY RV
LAKE CITY, FL 32055
JOB NO. 21-986

DATE
SEPTEMBER 9, 2021
SHEET
2 OF 3



APEX METAL BUILDING SYSTEMS

118 Northeast Conner St.
LIVE OAK, FL 32406
PHONE: 800.231.0026

LAKE CITY RV
LAKE CITY, FL 32055
JOB NO. 21-986

DATE
SEPTEMBER 9, 2021

SHEET
3 OF 3