GENERAL NOTES

FABRICATION SHALL BE IN ACCORDANCE WITH ELITE STRUCTURES STANDARD PRACTICES AND IN COMPLIANCE WITH THE APPLICABLE SECTIONS, RELATING TO DESIGN REQUIREMENTS AND ALLOWABLE STRESSES OF THE LATEST EDITION OF THE "AWS STRUCTURAL WELDING CODE D 1.1 AND D1.3"

MATERIALS	ASTM DESIGNATION	MIN. YIELD STRENGTH
HOT ROLLED STEEL SHAPES	A572	FY = 50 KSI
STEEL PIPES	A500	FY = 42 KSI
STRUCTURAL TUBING	A500	FY = 46 KSI
STRUCTURAL STEEL WEB PLATE	A572/A1011	FY = 50 KSI
STRUCTURAL STEEL FLANGE PLATES/BARS	A529/A572	FY = 55 KSI
COLD FORM LIGHT GAUGE	A653/A1011	FY = 50, 55 KSI
ROOF AND WALL SHEETS	A792/A653	FY = 50, 80 KSI
CABLE BRACE	A475- TYPE1	EXTRA HIGH STRENGTH
ROD BRACE	A36	FY = 36 KSI
MILL SECTIONS	A36	FY = 36 KSI
		MIN. TENSILE STRENGTH
MACHINE BOLTS & NUTS	A307	FU = 60 KSI
HIGH STRENGTH BOLTS (1" DIA. & LESS)	A325 - TYPE 1	FU = 120 KSI
HIGH STRENGTH BOLTS ( )1" TO 1-1/2")	A325 - TYPE 1	FU = 105 KSI
ANCHOR BOLTS (IF SUPPLIED)	F1554 - GR36	

CLOSURE STRIPS ARE FURNISHED ONLY IF NOTED ON SHIPPING DOCUMENTS

INSIDE - UNDER ROOF PANELS AT EAVE
OUTSIDE - BETWEEN END WALL PANELS AND RAKE TRIM
UNDER CONTINUOUS RIDGE VENT SKIRTS

ERECTION NOTE:

ALL BRACING, STRAPPING, & BRIDGING SHOWN AND PROVIDED BY ELITE STRUCTURES FOR THIS BUILDING IS REQUIRED AND SHALL BE INSTALLED BY THE ERECTOR AS A PERMANENT PART OF THE STRUCTURE. IF ADDITIONAL BRACING IS REQUIRED FOR STABILITY DURING ERECTION, IT SHALL BE THE ERECTOR'S RESPONSIBILITY TO DETERMINE THE AMOUNT OF SUCH BRACING AND TO PROCURE AND INSTALL AS NEEDED.

ERECTION AND UNLOADING NOT BY ELITE STRUCTURES

SHORTAGES

ANY CLAIMS OR SHORTAGES BY BUYERS MUST BE MADE TO ELITE STRUCTURES AT TIME OF DELIVERY, OR SUCH CLAIMS SHALL BE CONSIDERED WAIVED BY THE CUSTOMER AND DISALLOWED IF MATERIAL IS SHOWN DELIVERED

CORRECTIONS OF ERRORS AND REPAIRS (MBMA 6.10)

CLAIMS FOR CORRECTIONS OF ALLEGED MISFITS WILL BE DISALLOWED UNLESS ELITE STRUCTURES SHALL HAVE RECEIVED PRIOR NOTICE THEREOF AND ALLOWED REASONABLE INSPECTION OF SUCH MISFITS. THE CORRECTION OF MINOR MISFITS BY THE USE OF DRIFT PINS TO DRAW THE COMPONENTS INTO LINE, MODERATE AMOUNTS OR REAMING, CHIPPING AND CUTTING, AND THE REPLACEMENT OF MINOR SHORTAGES OF MATERIAL ARE A NORMAL PART OF ERECTION AND ARE NOT SUBJECT TO CLAIM.

A-325 BOLT TIGHTENING REQUIREMENTS

ALL BOLTED JOINTS WITH A325-09 TYPE 1 BOLTS ARE SPECIFIED AS SNUG-TIGHTENED JOINTS IN ACCORDANCE WITH THE SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS, JUNE 30,2004, PRETENSIONING METHODS, INCLUDING TURN-OF-NUT,CALIBRATED WRENCH,TWIST OFF TYPE TENSION CONTROL BOLTS OR DIRECT TENSION INDICATOR ARE NOT REQUIRED, INSTALLATION INSPECTION REQUIREMENTS FOR SNUG TIGHT (SPECIFICATION FOR STRUCTURAL JOINTS 9.1) IS SUGGESTED.

REFERENCED STEEL CONSTRUCTION MANUAL
AMERICAN INSTITUTE OF STEEL CONSTRUCTION INC.
THIRTEENTH EDITION (AISC)

FLORIDA PRODUCT APPROVAL NUMBER - ELITE STRUCTURES 26 GAUGE PBR PANEL
WALL PANEL FL27502
ROOF PANEL FL27503

FLORIDA PRODUCT APPROVAL NUMBER - MBCI
WALL 26 GA PANEL 11917.5
ROOF 26 GA PANEL 11868.1
3070 WIND RATED WALK DOOR 22211.1

401 OLD QUITMAN RD.
ADEL, GA. 31620
229-896-7569

DATE: 2/20/20

ELITE STRUCTURES

ELITE-STRUCTURES.COM

CONSTRUCTION MANUAL AVAILABLE ONLINE
WWW.ELITE-STRUCTURES.COM

PROJECT:	PROJECT MANAGER	LOCATION:
JODI LYNN	JASON NASH	WHITE SPRINGS,FL.

BUYER/CUSTOMER RESPONSIBILITIES

APPROVAL OF ELITE STRUCTURES DRAWINGS AND CALCULATIONS INDICATES THAT ELITE STRUCTURES HAS CORRECTLY INTERPRETED AND APPLIED THE CONTRACT DOCUMENTS. THIS APPROVAL CONSTITUTES THE CONTRACTOR/OWNER ACCEPTANCE OF THE ELITE STRUCTURES DESIGN CONCEPTS, ASSUMPTIONS, AND LOADING.
(SECTION 4 AISC CODE 9TH EDITION AND MBMA 3.3.3)

ONCE THE BUYER/END USE CUSTOMER HAS SIGNED ELITE STRUCTURES APPROVAL PACKAGE AND THE PROJECT IS RELEASED FOR FABRICATION, CHANGES SHALL BE BILLED TO THE BUYER/END USE CUSTOMER INCLUDING MATERIAL, ENGINEERING AND OTHER COSTS. AN ADDITIONAL FEE MAY BE CHARGED IF THE PROJECT MUST BE MOVED FROM THE FABRICATION AND SHIPPING SCHEDULE.

THE BUYER/END USE CUSTOMER IS RESPONSIBLE FOR OVERALL PROJECT COORDINATION. ALL INTERFACE, COMPATIBILITY AND DESIGN CONSIDERATIONS CONCERNING ANY MATERIAL NOT FURNISHED BY ELITE STRUCTURES ARE TO BE CONSIDERED AND COORDINATED BY THE BUYER/END CUSTOMER. SPECIFIC DESIGN CRITERIA CONCERNING THIS INTERFACE BETWEEN MATERIALS MUST BE FURNISHED BEFORE RELEASE FOR FABRICATION OR ELITE STRUCTURES ASSUMPTIONS WILL GOVERN (SECTION 4 AND COMMENTARY, AISC CODE OF STANDARD 9TH EDITION)

IT IS THE RESPONSIBILITY OF THE BUYER/END CUSTOMER TO INSURE THAT ELITE STRUCTURES PLANS COMPLIES 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 ELITE STRUCTURES OR ITS DESIGN ENGINEERS ARE ACTING AS THE ENGINEER OF RECORD OR DESIGN PROFESSIONAL FOR A CONSTRUCTION PROJECT. THESE DRAWINGS ARE SEALED ONLY TO CERTIFY THE DESIGN OF THE STRUCTURAL COMPONENTS FURNISHED BY ELITE STUCTURES

THE BUYER/ END CUSTOMER IS RESPOSIBLE FOR SETTING OF ANCHOR BOLTS AND ERECTION OF THE STEEL IN ACCORDANCE WITH ELITE STRUCTURES "FOR CONSTRUCTION" DRAWINGS ONLY. TEMPORARY SUPPORTS SUCH AS GUYS, BRACES, FALSEWORK, CRIBBING OR OTHER ELEMENTS REQUIRED FOR ERECTION OPERATION SHALL BE DETERMINED FURNISHED AND INSTALLED BY ERECTOR. NO ITEMS SHOULD BE PURCHASED FROM A PRELIMINARY SET OF DRAWINGS, INCLUDING ANCHOR BOLTS. USE ONLY FINAL "FOR CONSTRUCTION DRAWINGS" FOR THE USE.
(SECTION 7 AISC CODE OF STANDARD 9TH EDITION)

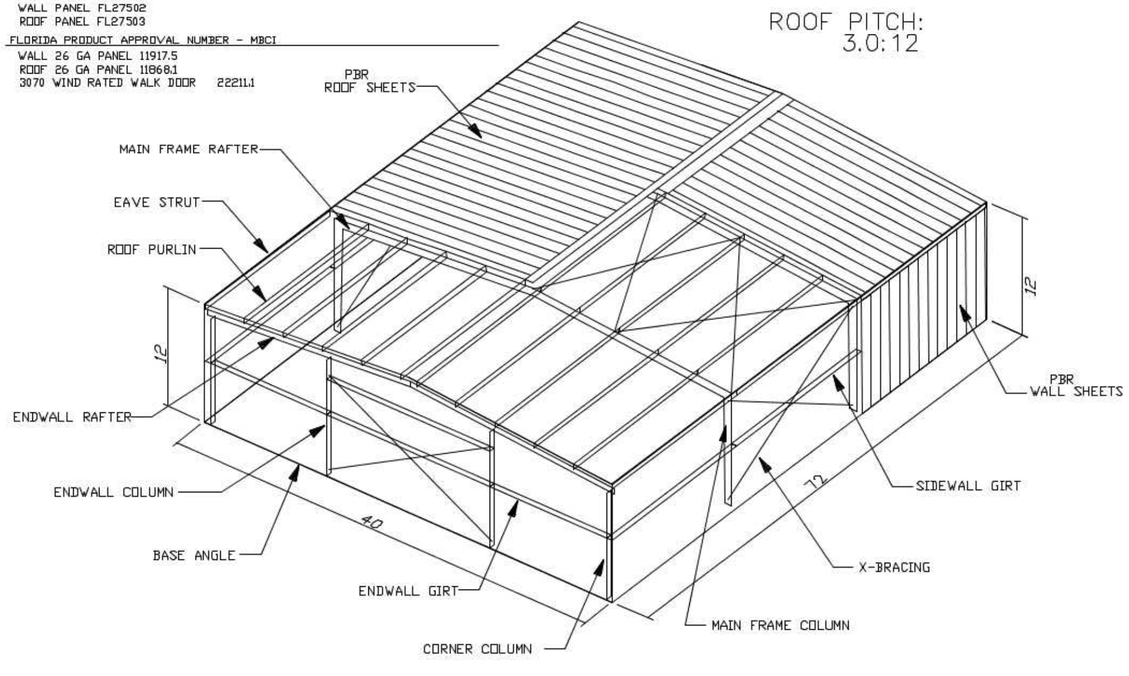
ELITE STRUCTURES IS RESPONSIBLE FOR THE DESIGN OF THE ANCHOR BOLTS TO PERMIT THE TRANSFER OF FORCES BETWEEN THE BASE PLATE AND ANCHOR BOLT IN SHEAR, BEARING AND TENSION, BUT IS NOT RESPONSIBLE FOR THE TRANSFER OF ANCHOR BOLT FORCES TO THE CONCRETE OR THE ADEQUACY OF THE ANCHOR BOLT IN RELATION TO THE CONCRETE.

UNLESS OTHERWISE PROVIDED IN THE ORDER DOCUMENT, ELITE STRUCTURES DOES NOT DESIGN AND IS NOT RESPONSIBLE FOR THE DESIGN , MATERIAL AND CONSTRUCTION OF THE FOUNDATION OR FOUNDATION EMBEDMENT. THE END USE CUSTOMER SHOULD ASSURE HIMSELF THAT ADEQUATE PROVISIONS ARE MADE IN THE FOUNDATION DESIGN FOR LOADS IMPOSED BY COLUMN REACTIONS OF THE BUILDING, OTHER IMPOSED LOADS, AND BEARING CAPACITY OF THE SOIL AND OTHER CONDITIONS OF THE BUILDING SITE.

NORMAL ERECTION OPERATIONS INCLUDE THE CORRECTIONS OF MINOR MISFITS BY MODERATE AMOUNTS OF REAMING, CHIPPING, WELDING OR CUTTING, AND THE DRAWING OF ELEMENTS INTO LINE THROUGH THE USE OF DRIFT PINS. ERRORS WHICH CANNOT BE CORRECTED BY FOREGOING MEANS OR WHICH REQUIRE MAJOR CHANGES IN MEMBERS CONFIGURATION ARE TO REPORT IMMEDIATELY TO ELITE STRUCTURES BY THE BUYER/ END USE CUSTOMER, TO ENABLE WHOEVER IS RESPONSIBLE EITHER TO CORRECT THE ERROR OR TO APPROVE THE MOST EFFICIENT AND ECONOMIC METHOD OF CORRECTION TO BE USED BY OTHERS.
(SECTION 7 AISC CODE OF STANDARD 9TH EDITION)

BUILDING DESCRIPTION:

40 x 72 x 12



BUILDING DRAWING FOR ILLUSTRATION ONLY

LOCAL BUILDING CODE:	FBC 17
ENCLOSURE TYPE:	Closed
BUILDING RISK CATAGORY	II - Normal
LOAD REDUCTION USED:	Yes
LIVE LOAD TO FRAMES:	19.2
LIVE LOAD TO PURLINS:	20.00
DEAD LOAD:	2.500
COLLATERAL LOAD:	0
SNOW LOAD (GROUND):	0
SNOW LOAD (ROOF):	0
WIND SPEED:	118
WIND EXPOSURE:	B
SEISMIC ZONE:	B
SEISMIC IMPORTANCE:	1.00
SPECTRAL RESPONSE Ss	0.10
SPECTRAL RESPONSE S1	0.06
RAIN INTENSITY: 5 yr.	10
25 yr.	11.0000

DESIGN SPECIFICATIONS FOR

JOB ID: 11523

Columbia County Building Department
Plans Reviewed for Code Compliance
State of Florida

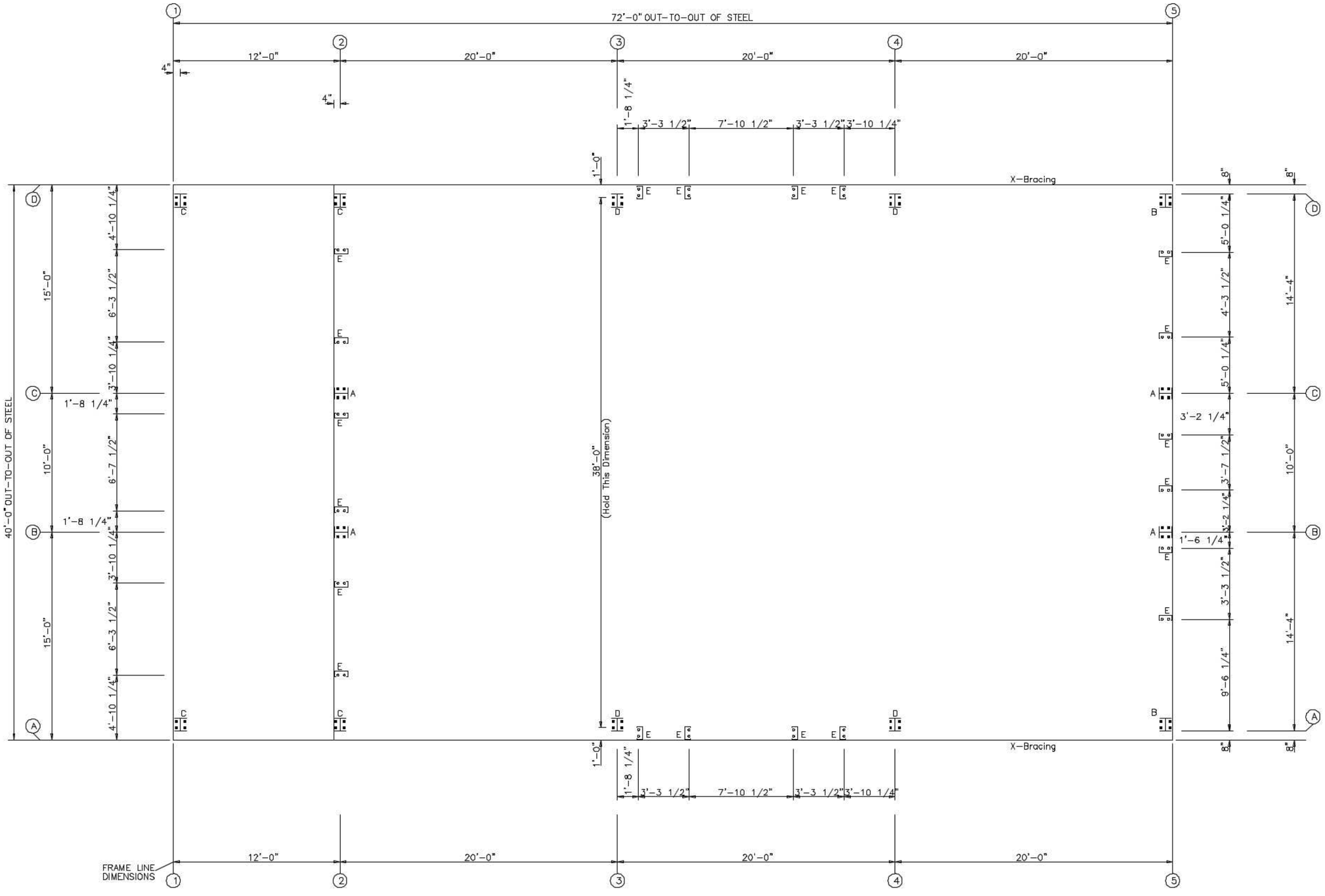
Gregory S Barfield
Digitally signed by Gregory S Barfield
Date: 2020.04.22 21:02:46 -04'00'

ENGINEERING SEAL

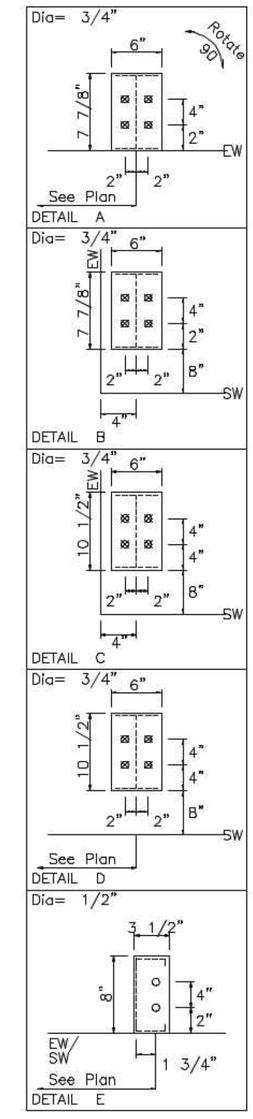
THIS CERTIFICATION COVERS PARTS MANUFACTURED AND DELIVERED BY ELITE STRUCTURES ONLY

GREGORY S. BARFIELD LICENSE No 54419 STATE OF FLORIDA PROFESSIONAL ENGINEER
4-22-20

SEALING OF THESE DRAWINGS DOES NOT IMPLY OR CONSTITUTE THAT ELITE STRUCTURES ENGINEER IS THE ENGINEER OF RECORD OR THE DESIGN PROFESSIONAL FOR THE THIS PROJECT. ONLY THE DESIGN OF THE METAL BUILDING SYSTEM AS FURNISHED BY ELITE STRUCTURES IS INCLUDED. FOUNDATIONS ANALYSIS, ELECTRICAL, AND MECHANICAL SYSTEMS, AND/OR OTHER PARTS SUPPLIED BY ANYONE OTHER THAN ELITE STRUCTURES ARE SPECIFICALLY EXCLUDED, NO INSPECTION OR SUPERVISION IS IMPLIED.



NOTE: All Base Plates @ 100'-0" (U.N.)



Gregory S Barfield

Digitally signed by Gregory S Barfield
Date: 2020.04.22 21:03:13 -04'00'

DESIGN CRITERIA

BUILDING CODE:	FBC 17	
LIVE LOAD TO FRAMES:	19.2	PSF
LIVE LOAD TO PURLINS:	20	PSF
COLLATERAL LOAD:	0	PSF
SNOW LOAD: (GROUND)	0	PSF
WIND LOAD: (ULTIMATE)	118	MPH
WIND IMPORTANCE FACTOR:	1	
WIND EXPOSURE:	B	
BUILDING OCCUPANCY CATEGORY	II	
ENCLOSURE CLASSIFICATION	ENCLOSED	

GREGORY S. BARFIELD LICENSE No 54419 STATE OF FLORIDA PROFESSIONAL ENGINEER
4-22-20

ELITE STRUCTURES
PH 229-896-7569
FAX 229-896-7560
P.O. BOX 207
ADEL , GA 31620

SCALE: N.T.S. | DATE: 2-21-20
DRAWN BY: R WALKER | SALES: JASON NASH
BUILDING SIZE: 40'X72'X12'

REVISION	
DATE:	DESCRIPTION

TITLE/LOCATION: JODI LYNN, WHITE SPRINGS, FL.

PLAN: ANCHOR BOLT PLAN

JOB # 11523-AB

SHEET 1 OF 10

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	Grout (in)
1*	D	1	3.7	9.9	2	−2.2	−4.0	4	0.750	6.000	10.50	0.500	0.0
1*	A	3	2.2	−4.0	1	−3.7	9.9	4	0.750	6.000	10.50	0.500	0.0
		1	−3.7	9.9	3	2.2	−4.0						

1* Frame lines: 1 2 3 4

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead Horiz	Dead Vert	Live Horiz	Live Vert	Wind_Left1 Horiz	Wind_Left1 Vert	Wind_Right1 Horiz	Wind_Right1 Vert	Wind_Left2 Horiz	Wind_Left2 Vert	Wind_Right2 Horiz	Wind_Right2 Vert
1*	D	0.5	1.6	3.1	8.3	−4.3	−8.3	0.3	−5.4	−4.2	−5.3	0.3	−2.3
1*	A	−0.5	1.6	−3.1	8.3	−0.3	−5.4	4.3	−8.3	−0.3	−2.3	4.2	−5.3

Frame Line	Column Line	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert	Seismic_Left Horiz	Seismic_Left Vert	Seismic_Right Horiz	Seismic_Right Vert	Seismic_Long Horiz	Seismic_Long Vert
1*	D	−0.3	−7.6	−1.0	−6.7	−0.1	0.0	0.1	0.0	0.0	−0.4
1*	A	1.0	−6.7	0.3	−7.6	−0.1	0.0	0.1	0.0	0.0	−0.4

1* Frame lines: 1 2 3 4

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

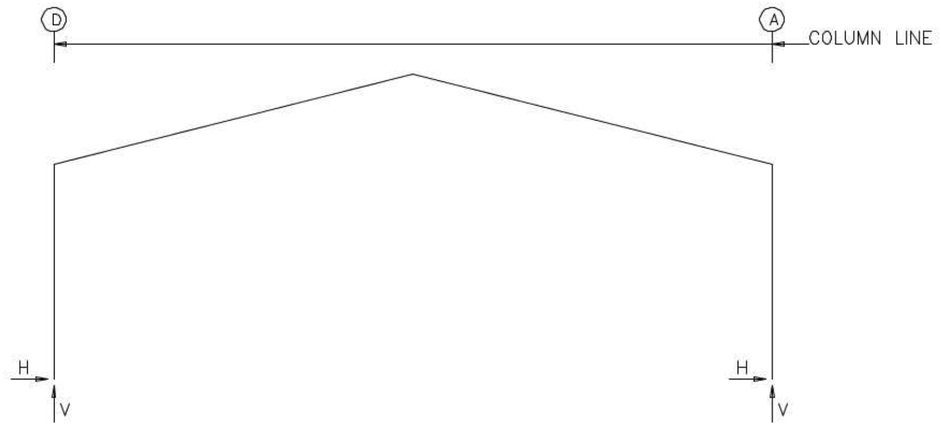
Frm Line	Col Line	Dead Vert	Live Vert	Wind Left1 Vert	Wind Right1 Vert	Wind Left2 Vert	Wind Right2 Vert	Wind_Press Horz	Wind_Press Vert	Wind_Suct Horz	Wind_Suct Vert	Wind Long1 Vert	Wind Long2 Vert
2	C	0.1	0.0	0.0	0.0	0.0	0.0	−1.8	0.0	2.0	0.0	0.0	0.0
2	B	0.1	0.0	0.0	0.0	0.0	0.0	−1.8	0.0	2.0	0.0	0.0	0.0
5	A	0.5	1.9	−2.0	−1.5	−1.2	−0.7	−2.3	−1.1	0.0	1.1	−1.8	−1.2
5	B	0.7	3.1	−3.9	−2.3	−2.9	−1.3	−1.8	0.0	2.0	0.0	−3.9	−2.0
5	C	0.7	3.1	−2.3	−3.8	−1.3	−2.7	−1.8	0.0	2.0	0.0	−2.0	−3.9
5	D	0.5	1.9	−1.9	−2.5	−1.2	−1.7	−2.3	−1.1	0.0	1.1	−1.2	−1.8

Frm Line	Col Line	Seis Left Vert	Seis Right Vert	Seis_Long Horz	Seis_Long Vert
2	C	0.0	0.0	0.0	0.0
2	B	0.0	0.0	0.0	0.0
5	A	0.0	0.1	−0.9	−0.4
5	B	0.0	−0.1	0.0	0.0
5	C	−0.1	0.0	0.0	0.0
5	D	0.1	0.0	−0.9	−0.4

ENDWALL COLUMN: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	Grout (in)
2	C	4	1.2	0.1	5	−1.1	0.1	4	0.750	6.000	7.875	0.375	0.0
		6	1.2	0.1									
2	B	4	1.2	0.1	5	−1.1	0.1	4	0.750	6.000	7.875	0.375	0.0
		6	1.2	0.1									
5	A	2	0.0	−0.9	7	−1.4	−1.5	4	0.750	6.000	7.875	0.375	0.0
		1	0.0	2.4									
5	B	8	1.2	−1.9	7	−1.1	−1.9	4	0.750	6.000	7.875	0.375	0.0
		1	0.0	3.8	8	1.2	−1.9						
5	C	9	1.2	−1.9	5	−1.1	−1.9	4	0.750	6.000	7.875	0.375	0.0
		1	0.0	3.8	9	1.2	−1.9						
5	D	3	0.0	−1.2	5	−1.4	−1.5	4	0.750	6.000	7.875	0.375	0.0
		1	0.0	2.4									

FRAME LINES: 1 2 3 4



NOTES FOR REACTIONS

Building reactions are based on the following building data:

Width (ft)	=	40.0
Length (ft)	=	72.0
Eave Height (ft)	=	12.0/ 12.0
Roof Slope (rise/12)	=	3.0/ 3.0
Dead Load (psf)	=	2.5
Collateral Load (psf)	=	0.0
Roof Live Load(psf)	=	20.0
Frame Live Load(psf)	=	19.2
Wind Speed (mph)	=	118.0
Wind Code	=	FBC 17 (IBC 15)
Exposure	=	B
Closed/Open	=	C
Importance Wind	=	1.00
Importance Seismic	=	1.00
Seismic Zone	=	B
Seismic Coeff (Fa*Ss)	=	0.16

ID	Description
1	Dead+Collateral+Live
2	0.6Dead+0.6Wind_Left1
3	0.6Dead+0.6Wind_Right1
4	0.6Dead+0.6Wind_Right2+0.6Wind_Suction
5	0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L
6	Dead+0.6Wind_Right2+0.6Wind_Suction
7	0.6Dead+0.6Wind_Pressure+0.6Wind_Long1L
8	0.6Dead+0.6Wind_Suction+0.6Wind_Long1L
9	0.6Dead+0.6Wind_Suction+0.6Wind_Long2L

BUILDING BRACING REACTIONS

Wall Loc	Wall Line	Col Line	± Reactions(k) Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Panel_Shear (lb/ft) Wind	Seis	Note
L_EW	1								(h)
F_SW	A	4,5	2.3	1.2	0.3	0.2			
R_EW	5						48	11	
B_SW	D	5,4	2.3	1.2	0.3	0.2			

(h)Rigid frame at endwall

ANCHOR BOLT SUMMARY

	Qty	Locate	Dia (in)	Type	Proj (in)
O	40	Jamb	1/2"	GR36	1.50
⊠	24	Endwall	3/4"	GR36	2.50
⊠	32	Frame	3/4"	GR36	2.50

Gregory S Barfield — Digitally signed by Gregory S Barfield Date: 2020.04.22 21:03:37 -04'00'

DESIGN CRITERIA

BUILDING CODE:	FBC	17
LIVE LOAD TO FRAMES:	19.2	PSF
LIVE LOAD TO PURLINS:	20	PSF
COLLATERAL LOAD:	0	PSF
SNOW LOAD: (GROUND)	0	PSF
WIND LOAD: (ULTIMATE)	118	MPH
WIND IMPORTANCE FACTOR:	1	
WIND EXPOSURE:	B	
BUILDING OCCUPANCY CATEGORY	II	
ENCLOSURE CLASSIFICATION	ENCLOSED	

GREGORY S. BARFIELD LICENSE No 54419 STATE OF FLORIDA PROFESSIONAL ENGINEER
4-22-20

ELITE STRUCTURES
PH 229-896-7569
FAX 229-896-7560
P.O. BOX 207
ADEL , GA 31620

SCALE: N.T.S. | DATE: 2-21-20
DRAWN BY: R WALKER | SALES: JASON NASH
BUILDING SIZE: 40'X72'X12'

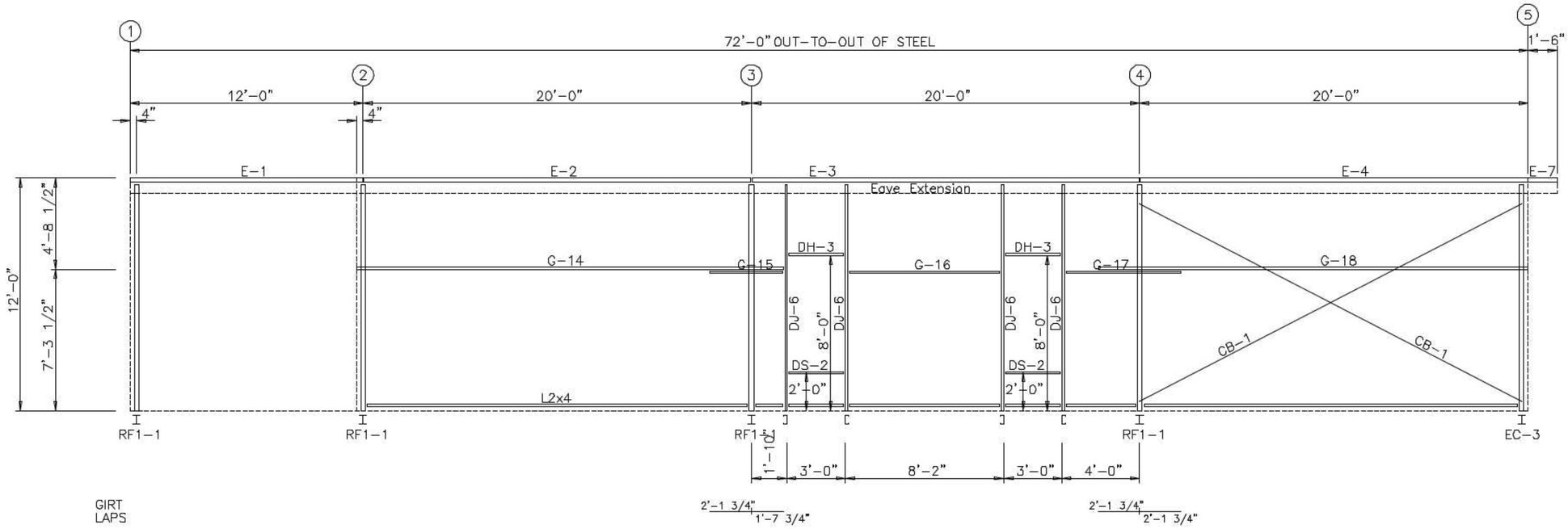
REVISION
DATE: | DESCRIPTION

TITLE/LOCATION: JODI LYNN WHITE SPRINGS, FL.

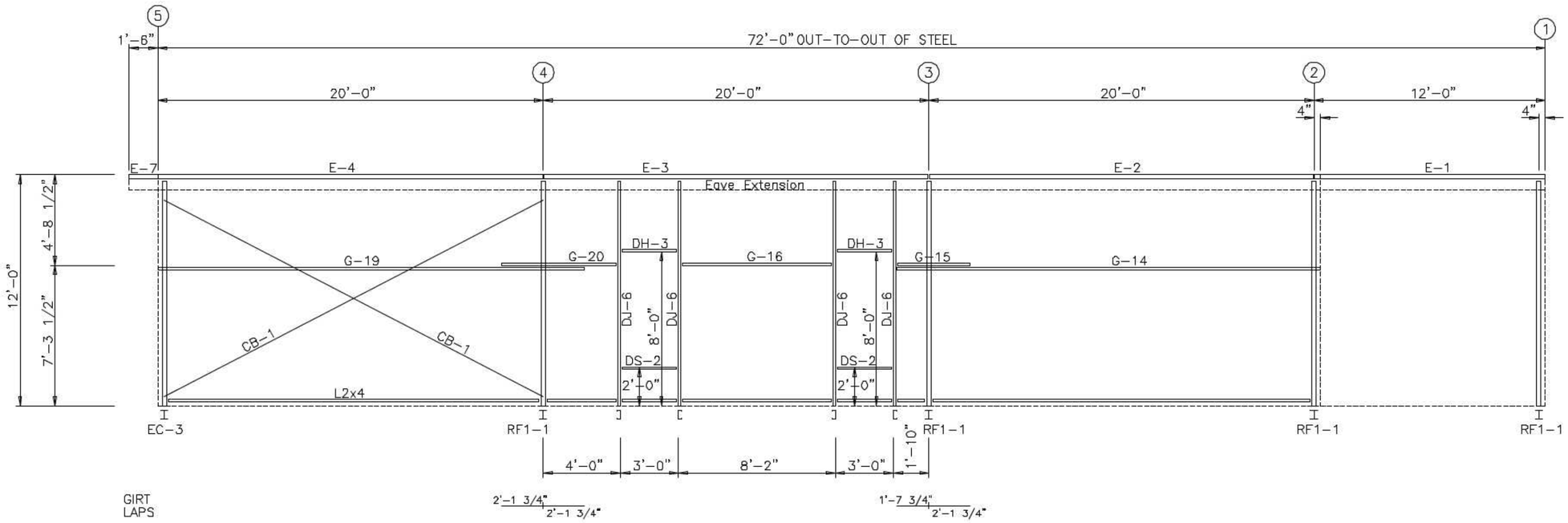
PLAN: COLUMN REACTIONS

JOB # 11523-CR

SHEET 2 OF 10



SIDEWALL FRAMING: FRAME LINE A



SIDEWALL FRAMING: FRAME LINE D

MEMBER TABLE FRAME LINE A & D		
MARK	PART	LENGTH
DJ-6	8X25C14	11'-5 3/4"
DH-3	8X25C14	2'-11 1/2"
DS-2	8X25C14	2'-11 1/2"
E-1	8E214L3	11'-3 1/2"
E-2	8E214L3	19'-7 1/2"
E-3	8E214L3	19'-7 1/2"
E-4	8E214L3	19'-3 1/2"
E-7	8E214L3	1'-3 3/4"
G-14	8X25Z16	21'-11 1/2"
G-15	8X25Z16	3'-9"
G-16	8X25Z16	7'-8 1/2"
G-17	8X25Z16	5'-11"
G-18	8X25Z16	22'-1 1/2"
G-19	8X25Z16	22'-1 1/2"
G-20	8X25Z16	5'-11"
CB-1	1/4_CBL	23'-1"

Gregory S Barfield
Digitally signed by Gregory S Barfield
Date: 2020.04.22 21:03:56 -04'00'

DESIGN CRITERIA		
BUILDING CODE:	FBC 17	
LIVE LOAD TO FRAMES:	19.2	PSF
LIVE LOAD TO PURLINS:	20	PSF
COLLATERAL LOAD:	0	PSF
SNOW LOAD: (GROUND)	0	PSF
WIND LOAD: (ULTIMATE)	118	MPH
WIND IMPORTANCE FACTOR:	1	
WIND EXPOSURE:	B	
BUILDING OCCUPANCY CATEGORY	II	
ENCLOSURE CLASSIFICATION	ENCLOSED	

GREGORY S. BARFIELD LICENSE No 54419 STATE OF FLORIDA PROFESSIONAL ENGINEER
4-22-20

ELITE STRUCTURES
PH 229-896-7569
FAX 229-896-7560
P.O. BOX 207
ADEL , GA 31620

SCALE: N.T.S. | DATE: 2-21-20
DRAWN BY: R WALKER | SALES: JASON NASH
BUILDING SIZE: 40'X72'X12'

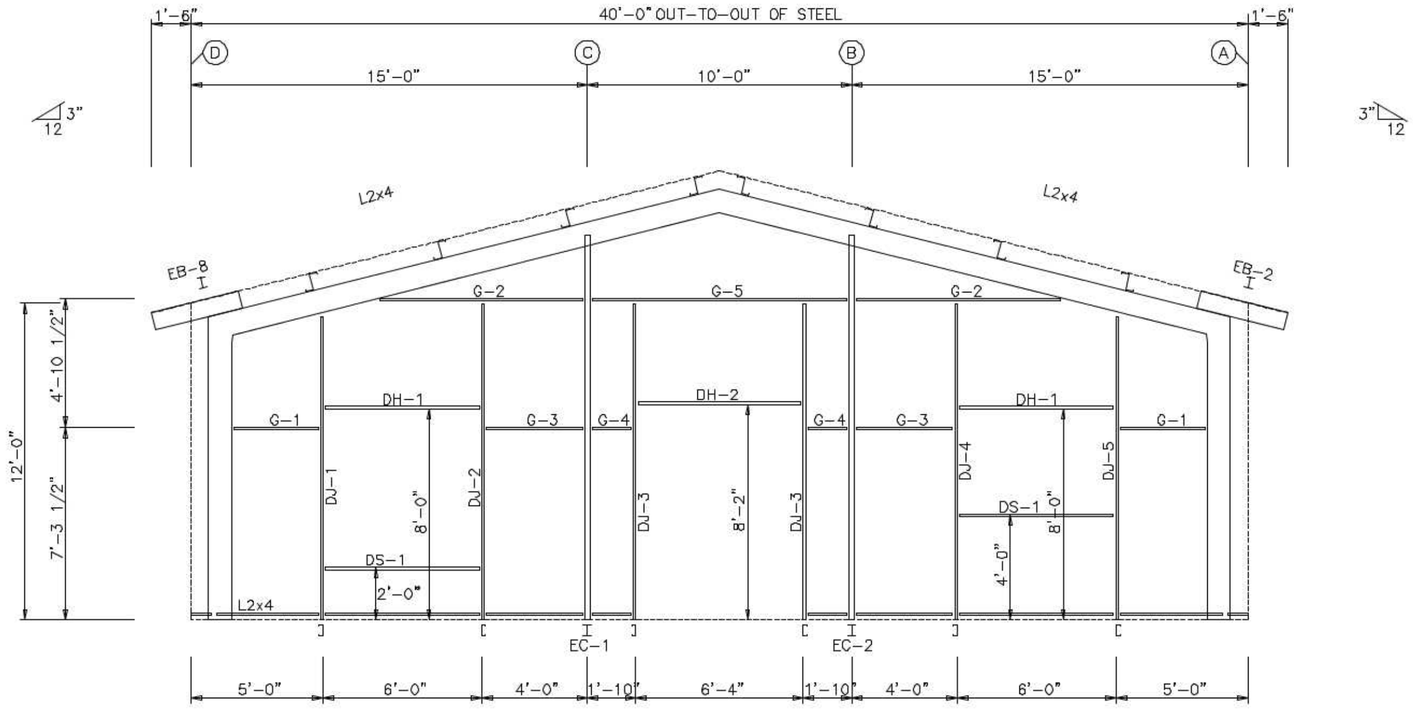
REVISION
DATE: | DESCRIPTION

TITLE/LOCATION: JODI LYNN WHITE SPRINGS, FL.

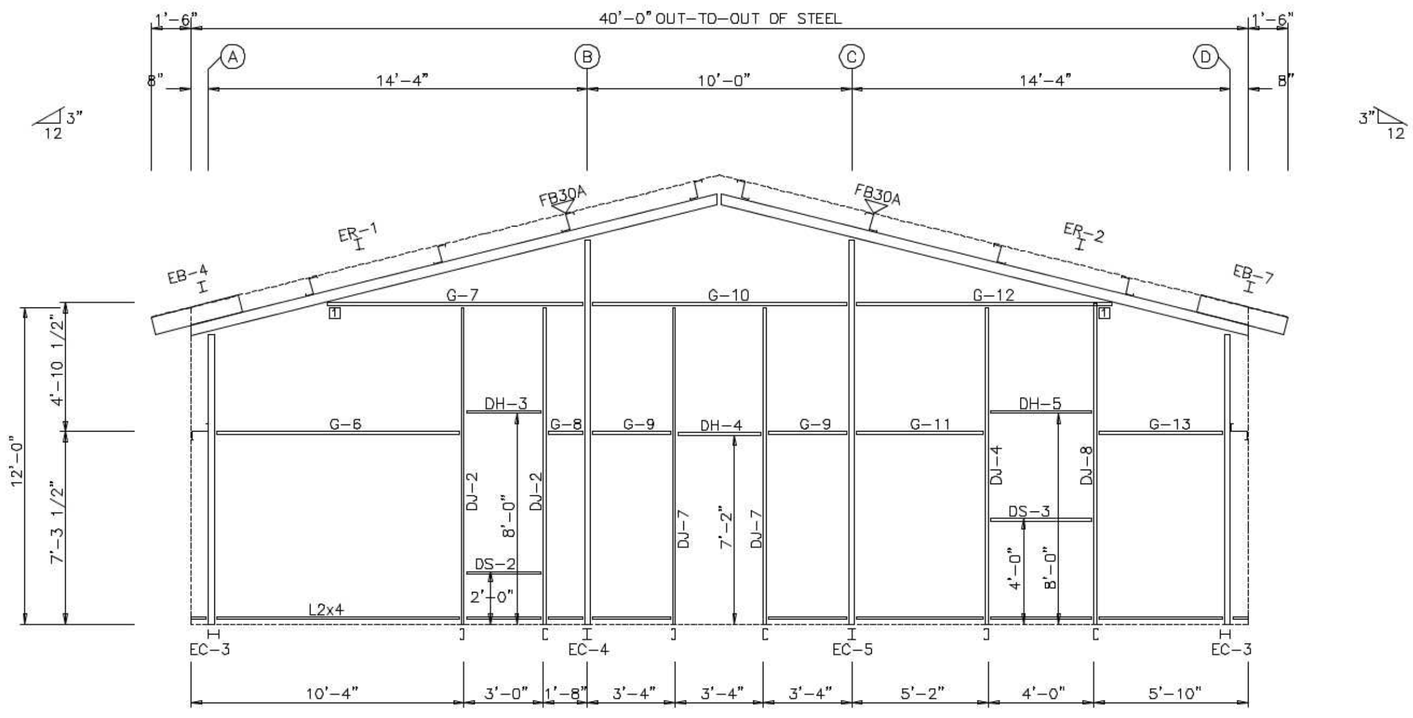
PLAN: SIDEWALL FRAMING

JOB # 11523-SF

SHEET 3 OF 10



ENDWALL FRAMING: FRAME LINE 2



ENDWALL FRAMING: FRAME LINE 5

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

MEMBER TABLE FRAME LINE 2 & 5		
MARK	PART	LENGTH
EB-2	W8X10	2'-8 9/16"
EB-4	W8X10	2'-8 9/16"
EB-7	W8X10	2'-8 9/16"
EB-8	W8X10	2'-8 9/16"
EC-1	W8X10	14'-2 3/8"
EC-2	W8X10	14'-2 3/8"
EC-3	W8X10	11'-7 3/4"
EC-4	W8X10	14'-5 1/8"
EC-5	W8X10	14'-5 1/8"
ER-1	W8X10	19'-5"
ER-2	W8X10	19'-5"
DJ-1	8X25C14	11'-4 7/8"
DJ-2	8X25C14	12'-2"
DJ-3	8X25C14	12'-2"
DJ-4	8X25C14	12'-2"
DJ-5	8X25C14	11'-5"
DJ-7	8X25C14	12'-2"
DJ-8	8X25C14	12'-0 1/8"
DH-1	8X25C14	5'-11 1/2"
DH-2	8X25Z14	6'-3 1/2"
DH-3	8X25C14	2'-11 1/2"
DH-4	8X25Z14	3'-3 1/2"
DH-5	8X25C14	3'-11 1/2"
DS-1	8X25C14	5'-11 1/2"
DS-2	8X25C14	2'-11 1/2"
DS-3	8X25C14	3'-11 1/2"
G-1	8X25Z16	3'-2 1/2"
G-2	8X25Z16	7'-9"
G-3	8X25Z16	3'-7"
G-4	8X25Z16	1'-5"
G-5	8X25Z16	9'-7 1/2"
G-6	8X25Z16	8'-9 1/8"
G-7	8X25Z16	8'-8 1/4"
G-8	8X25Z16	1'-3"
G-9	8X25Z16	2'-11"
G-10	8X25Z16	9'-7 1/2"
G-11	8X25Z16	4'-9"
G-12	8X25Z16	8'-8 1/4"
G-13	8X25Z16	4'-3 1/8"

FLANGE BRACE TABLE FRAME LINE 2 & 5		
▽ID	MARK	LENGTH
1	FB30A	2'-6"

CONNECTION PLATES FRAME LINE 2 & 5	
□ID	MARK/PART
1	b1

Gregory S Barfield

Digitally signed by Gregory S Barfield
Date: 2020.04.22 21:04:16 -04'00'

DESIGN CRITERIA		
BUILDING CODE:	FBC	17
LIVE LOAD TO FRAMES:	19.2	PSF
LIVE LOAD TO PURLINS:	20	PSF
COLLATERAL LOAD:	0	PSF
SNOW LOAD: (GROUND)	0	PSF
WIND LOAD: (ULTIMATE)	118	MPH
WIND IMPORTANCE FACTOR:	1	
WIND EXPOSURE:	B	
BUILDING OCCUPANCY CATEGORY	II	
ENCLOSURE CLASSIFICATION	ENCLOSED	

GREGORY S. BARFIELD LICENSE No 54419 STATE OF FLORIDA PROFESSIONAL ENGINEER

4-22-20

ELITE STRUCTURES

PH 229-896-7569
FAX 229-896-7560
P.O. BOX 207
ADEL , GA 31620

SCALE: N.T.S. | DATE: 2-21-20
DRAWN BY: R WALKER | SALES: JASON NASH
BUILDING SIZE: 40'X72'X12'

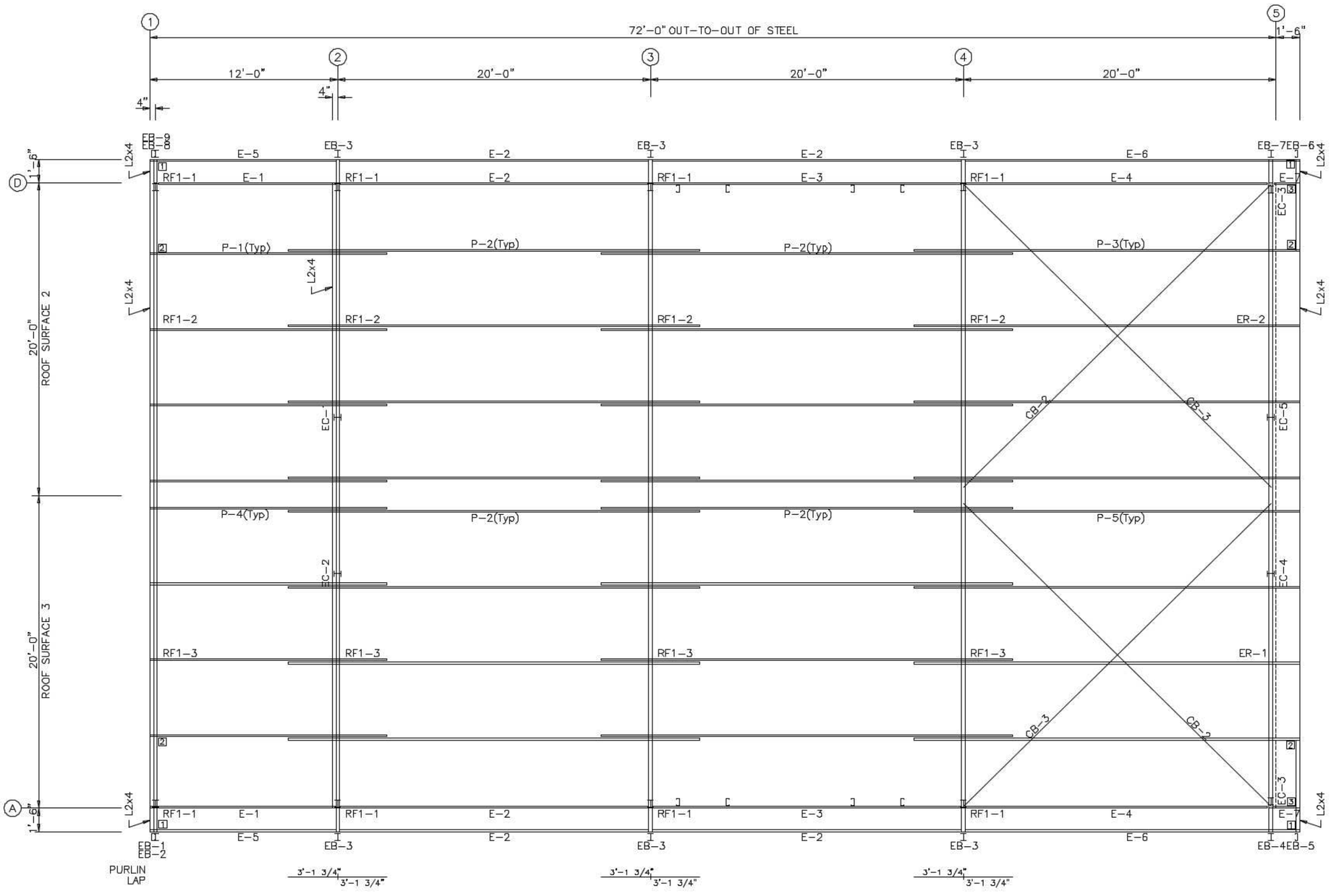
REVISION	
DATE:	DESCRIPTION

TITLE/LOCATION: JODI LYNN WHITE SPRINGS, FL.

PLAN: ENDWALL FRAMING

JOB # 11523-EF

SHEET 4 OF 10



EXTENSION/CANOPY BOLTS ROOF PLAN				
MARK	QUAN	TYPE	DIA	LENGTH
EB-2	4	A325	1/2"	1 1/2"
EB-3	4	A325	1/2"	1 1/2"
EB-4	4	A325	1/2"	1 1/2"
EB-7	4	A325	1/2"	1 1/2"
EB-8	4	A325	1/2"	1 1/2"

ANGLE TABLE ROOF PLAN			
◇ID	MARK	LENGTH	DETAIL
	L2x4	20'-0"	ANGLE_36

MEMBER TABLE ROOF PLAN		
MARK	PART	LENGTH
EB-1	8X2CH16	5'-6 11/16"
EB-2	W8X10	2'-8 9/16"
EB-3	W8X10	2'-8 9/16"
EB-4	W8X10	2'-8 9/16"
EB-5	8X2CH16	5'-6 11/16"
EB-6	8X2CH16	5'-6 11/16"
EB-7	W8X10	2'-8 9/16"
EB-8	W8X10	2'-8 9/16"
EB-9	8X2CH16	5'-6 11/16"
P-1	8X25Z16	15'-1 1/2"
P-2	8X25Z16	26'-3 1/2"
P-3	8X25Z16	24'-7 1/2"
P-4	8X25Z16	15'-1 1/2"
P-5	8X25Z16	24'-7 1/2"
E-1	8E214L3	11'-3 1/2"
E-2	8E214L3	19'-7 1/2"
E-3	8E214L3	19'-7 1/2"
E-4	8E214L3	19'-3 1/2"
E-5	8E214L3	11'-9 1/2"
E-6	8E214L3	21'-3 1/2"
E-7	8E214L3	1'-3 3/4"
CB-2	1/4_CBL	27'-5"
CB-3	1/4_CBL	27'-7"

CONNECTION PLATES ROOF PLAN	
□ID	MARK/PART
1	d2
2	d3
3	d1

Gregory S Barfield

Digitally signed by Gregory S Barfield
Date: 2020.04.22 21:04:34 -04'00'

DESIGN CRITERIA		
BUILDING CODE:	FBC	17
LIVE LOAD TO FRAMES:	19.2	PSF
LIVE LOAD TO PURLINS:	20	PSF
COLLATERAL LOAD:	0	PSF
SNOW LOAD: (GROUND)	0	PSF
WIND LOAD: (ULTIMATE)	118	MPH
WIND IMPORTANCE FACTOR:	1	
WIND EXPOSURE:	B	
BUILDING OCCUPANCY CATEGORY	II	
ENCLOSURE CLASSIFICATION	ENCLOSED	

GREGORY S. BARFIELD LICENSE No 54419 STATE OF FLORIDA PROFESSIONAL ENGINEER

4-22-20

ELITE STRUCTURES
PH 229-896-7569
FAX 229-896-7560
P.O. BOX 207
ADEL , GA 31620

SCALE: N.T.S. | DATE: 2-21-20
DRAWN BY: R WALKER | SALES: JASON NASH
BUILDING SIZE: 40'X72'X12'

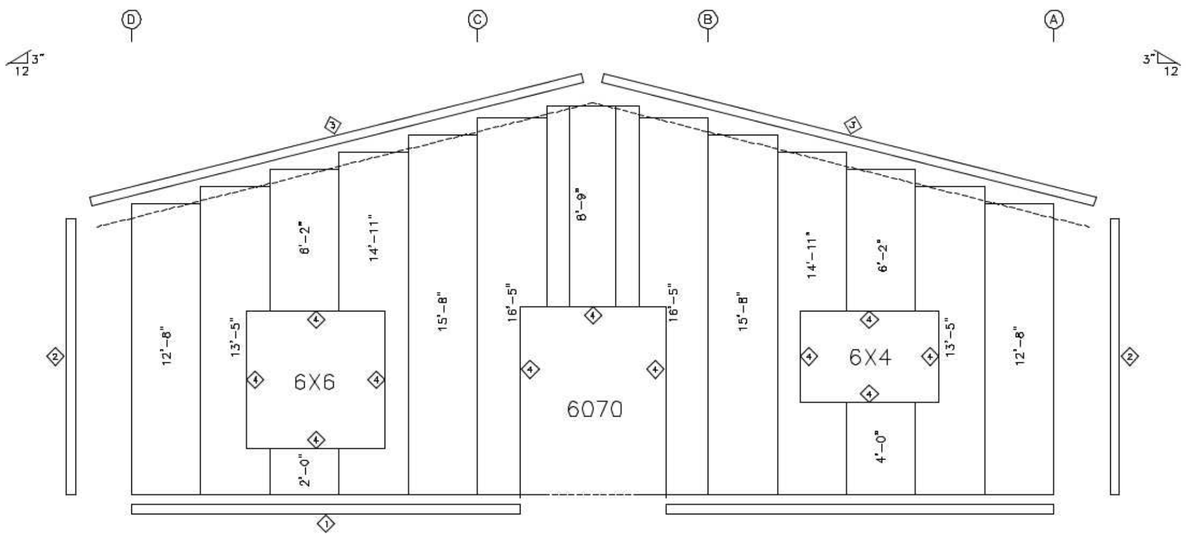
REVISION	
DATE:	DESCRIPTION

TITLE/LOCATION: JODI LYNN WHITE SPRINGS, FL.

PLAN: ROOF FRAMING

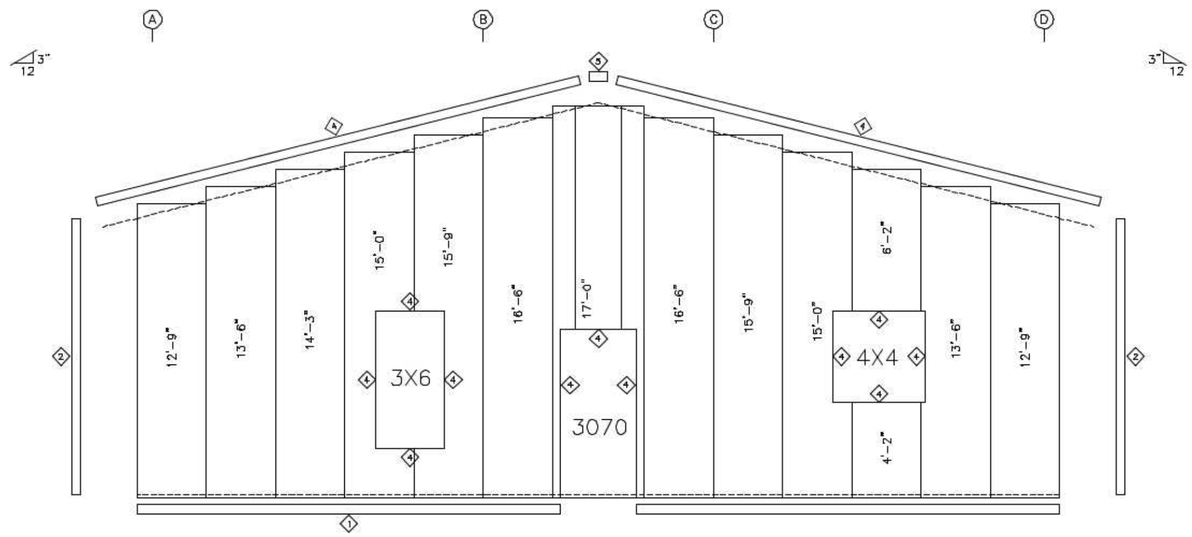
JOB # 11523-RF

SHEET 5 OF 10



ENDWALL SHEETING & TRIM: FRAME LINE 2

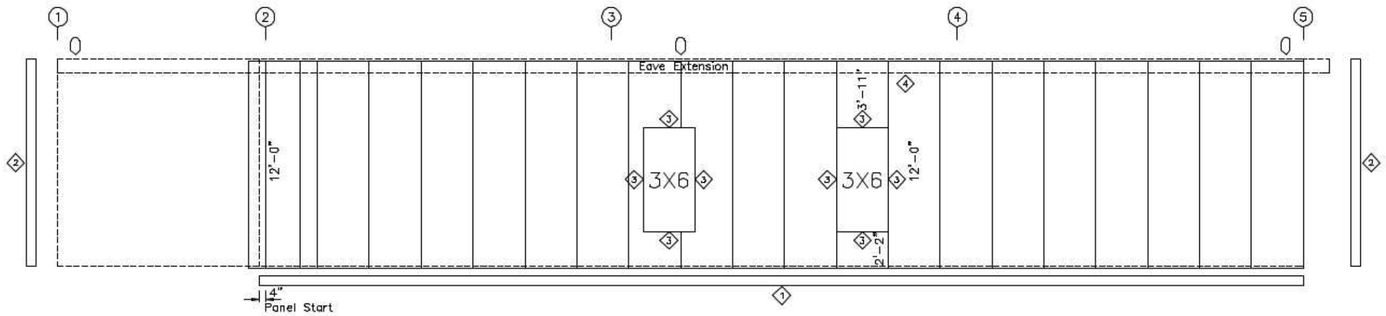
PANELS: 26 Ga. PBR – NEED COLOR



ENDWALL SHEETING & TRIM: FRAME LINE 5

PANELS: 26 Ga. PBR – NEED COLOR

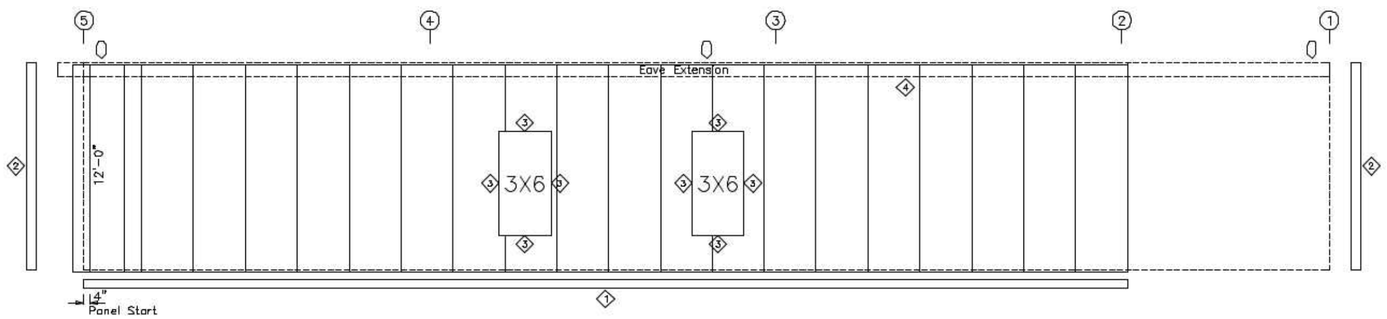
TRIM TABLE FRAME LINE 2 & 5		
◇ID	PART	DETAIL
1	E-108	TRIM_43
2	FL-830	TRIM_47
3	E-113	TRIM_29
4	FL-26	TRIM_49
5	E-149	TRIM_28



SIDEWALL SHEETING & TRIM: FRAME LINE A

PANELS: 26 Ga. PBR – NEED COLOR

TRIM TABLE FRAME LINE A & D		
◇ID	PART	DETAIL
1	E-108	TRIM_43
2	FL-830	TRIM_47
3	FL-26	TRIM_49
4	E-134	TRIM_26



SIDEWALL SHEETING & TRIM: FRAME LINE D

PANELS: 26 Ga. PBR – NEED COLOR

0 DOWNSPOUT LOCATIONS

Gregory S Barfield

Digitally signed by Gregory S Barfield
Date: 2020.04.22 21:04:57 -04'00'

DESIGN CRITERIA

BUILDING CODE:	FBC	17
LIVE LOAD TO FRAMES:	19.2	PSF
LIVE LOAD TO PURLINS:	20	PSF
COLLATERAL LOAD:	0	PSF
SNOW LOAD: (GROUND)	0	PSF
WIND LOAD: (ULTIMATE)	118	MPH
WIND IMPORTANCE FACTOR:	1	
WIND EXPOSURE:	B	
BUILDING OCCUPANCY CATEGORY	II	
ENCLOSURE CLASSIFICATION	ENCLOSED	

GREGORY S. BARFIELD LICENSE No 54419 STATE OF FLORIDA PROFESSIONAL ENGINEER

4-22-20

ELITE STRUCTURES

PH 229-896-7569
FAX 229-896-7560
P.O. BOX 207
ADEL , GA 31620

SCALE: N.T.S. | DATE: 2-21-20
DRAWN BY: R WALKER | SALES: JASON NASH
BUILDING SIZE: 40'X72'X12'

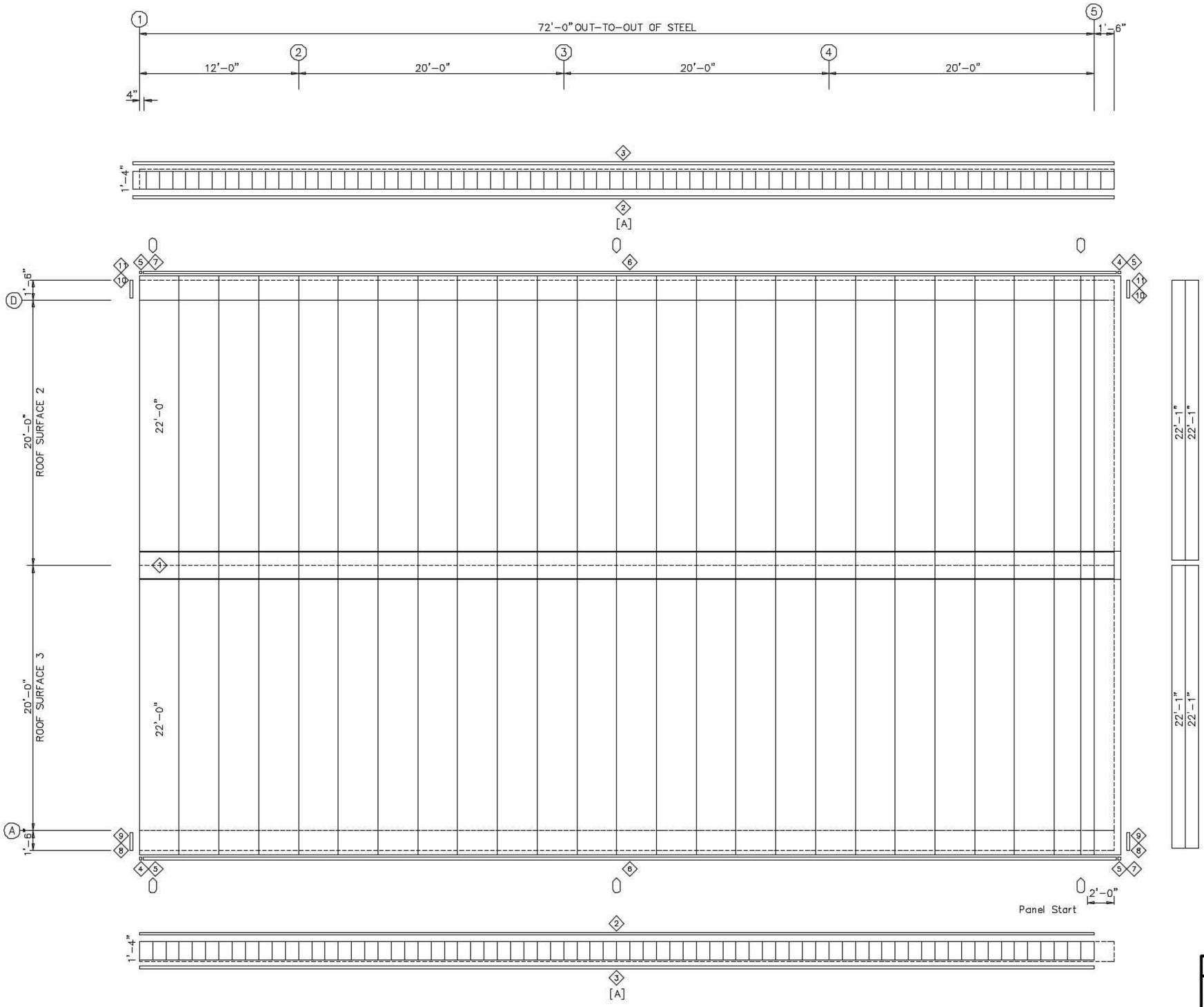
REVISION	
DATE:	DESCRIPTION

TITLE/LOCATION: JODI LYNN WHITE SPRINGS, FL.

PLAN: WALL SHEETING

JOB # 11523-WS

SHEET 6 OF 10



TRIM TABLE ROOF PLAN		
◇ID	PART	DETAIL
1	FL-51	
2	E-134	TRIM_26
3	E-142	TRIM_55
4	E-144	TRIM_2
5	E-115	TRIM_33
6	E-114	TRIM_30
7	E-143	TRIM_2
8	E-141	TRIM_27
9	E-101	TRIM_16
10	E-101	TRIM_16
11	E-141	TRIM_27

ROOF SHEETING PLAN

PANELS: 26 Ga. PBR – Galvalume
[A] SOFFIT PANELS: 24 Ga. L12 – NEED COLOR

DOWNSPOUT LOCATIONS

Gregory S Barfield
Digitally signed by Gregory S Barfield
Date: 2020.04.22 21:05:17 -04'00'

DESIGN CRITERIA		
BUILDING CODE:	FBC	17
LIVE LOAD TO FRAMES:	19.2	PSF
LIVE LOAD TO PURLINS:	20	PSF
COLLATERAL LOAD:	0	PSF
SNOW LOAD: (GROUND)	0	PSF
WIND LOAD: (ULTIMATE)	118	MPH
WIND IMPORTANCE FACTOR:	1	
WIND EXPOSURE:	B	
BUILDING OCCUPANCY CATEGORY	II	
ENCLOSURE CLASSIFICATION	ENCLOSED	

GREGORY S. BARFIELD LICENSE No 54419 STATE OF FLORIDA PROFESSIONAL ENGINEER
4-22-20

ELITE STRUCTURES
PH 229-896-7569
FAX 229-896-7560
P.O. BOX 207
ADEL , GA 31620

SCALE: N.T.S. | DATE: 2-21-20
DRAWN BY: R WALKER | SALES: JASON NASH
BUILDING SIZE: 40'X72'X12'

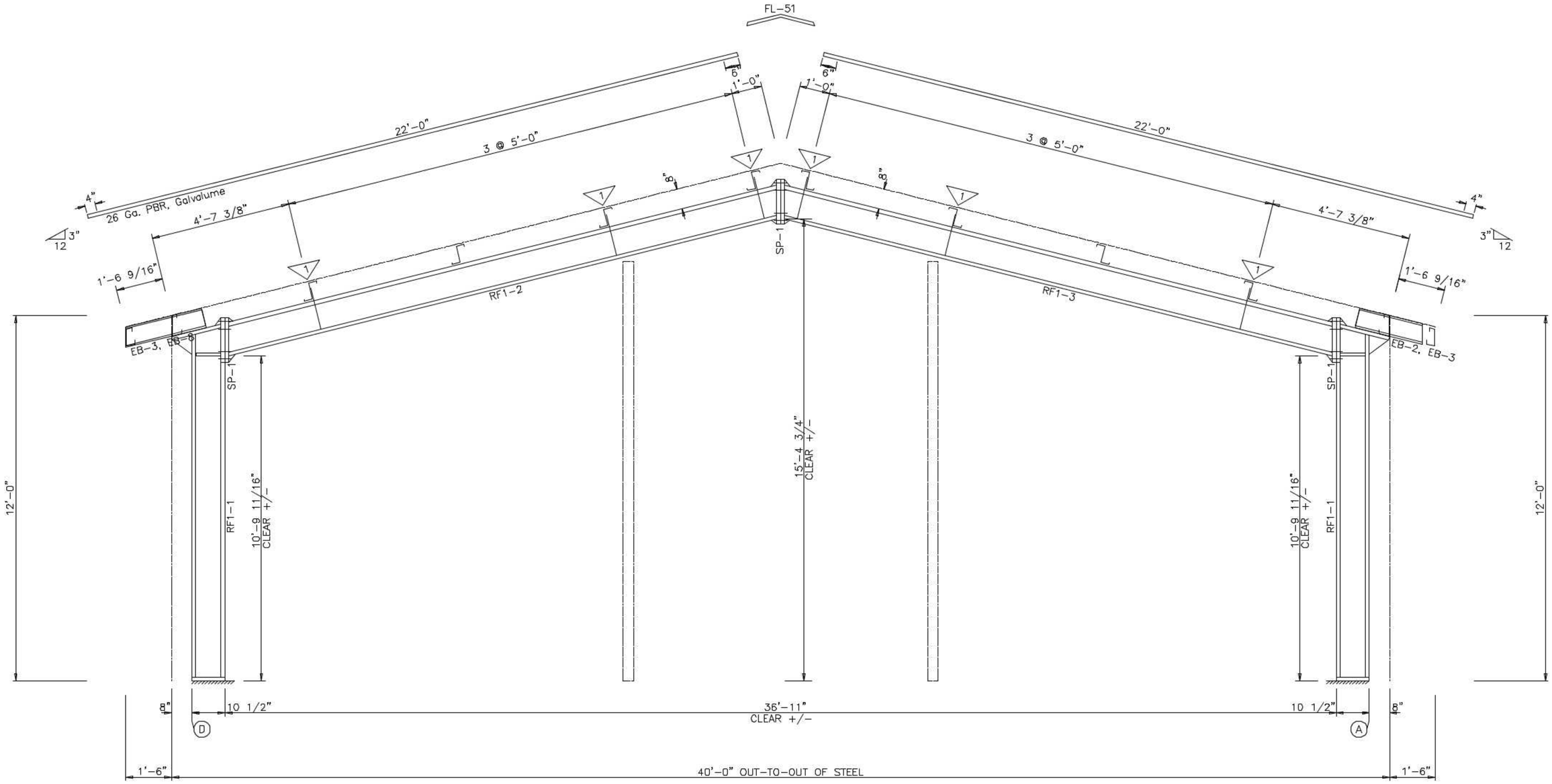
REVISION	
DATE:	DESCRIPTION

TITLE/LOCATION: JODI LYNN WHITE SPRINGS, FL.

PLAN: ROOF SHEETING

JOB # 11523-RS

SHEET 7 OF 10



RIGID FRAME ELEVATION: FRAME LINE 1 2 3 4

MEMBER TABLE						
Mark	Weight	Web Depth Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF1-1	234	10.0/10.0	0.188	12.0	6 x 1/4" x 136.9	6 x 1/4" x 125.6
		10.0/10.0	0.188	113.6	6 x 5/16" x 18.7	
		10.0/10.0	0.313	13.9		
RF1-2	361	10.0/10.0	0.188	118.0	6 x 1/4" x 227.0	6 x 1/4" x 227.0
		10.0/10.0	0.188	111.5		
RF1-3	361	10.0/10.0	0.188	111.5	6 x 1/4" x 227.0	6 x 1/4" x 227.0
		10.0/10.0	0.188	118.0		

FLANGE BRACE TABLE FRAME LINE 1 2 3 4							
▽ ID	# SIDES	MARK	LENGTH	OFFSET	DETAIL	CLIP	CLIP2
1	1	FB31A	2'-7"	2'-4"			

SPLICE BOLT TABLE						
Mark	Qty Top	Bot	Int	Type	Dia	Length
SP-1	4	4	0	A325	0.750	3.00

GENERAL NOTES:

BOLT TIGHTENING - ALL BOLTED JOINTS WITH A325-09 TYPE 1 BOLTS ARE SPECIFIED AS SNUG-TIGHTENED JOINTS IN ACCORDANCE WITH THE SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS, JUNE 30,2004. PRETENSIONING METHODS, INCLUDING TURN-OF-NUT,CALIBRATED WRENCH,TWIST OFF TYPE TENSION CONTROL BOLTS OR DIRECT TENSION INDICATOR ARE NOT REQUIRED, INSTALLATION INSPECTION REQUIREMENTS FOR SNUG TIGHT (SPECIFICATION FOR STRUCTURAL JOINTS 9.1) IS SUGGESTED.

REFERENCE: STEEL CONSTRUCTION MANUAL
AMERICAN INSTITUTE OF STEEL CONSTRUCTION INC.
THIRTEENTH EDITION (AISC)

Gregory S Barfield
Digitally signed by Gregory S Barfield
Date: 2020.04.22 21:05:35 -04'00'

DESIGN CRITERIA		
BUILDING CODE:	FBC 17	
LIVE LOAD TO FRAMES:	19.2	PSF
LIVE LOAD TO PURLINS:	20	PSF
COLLATERAL LOAD:	0	PSF
SNOW LOAD: (GROUND)	0	PSF
WIND LOAD: (ULTIMATE)	118	MPH
WIND IMPORTANCE FACTOR:	1	
WIND EXPOSURE:	B	
BUILDING OCCUPANCY CATEGORY	II	
ENCLOSURE CLASSIFICATION	ENCLOSED	

GREGORY S. BARFIELD LICENSE No 54419 STATE OF FLORIDA PROFESSIONAL ENGINEER
4-22-20

ELITE STRUCTURES
PH 229-896-7569
FAX 229-896-7560
P.O. BOX 207
ADEL , GA 31620

SCALE: N.T.S. | DATE: 2-21-20
DRAWN BY: R WALKER | SALES: JASON NASH
BUILDING SIZE: 40'X72'X12'

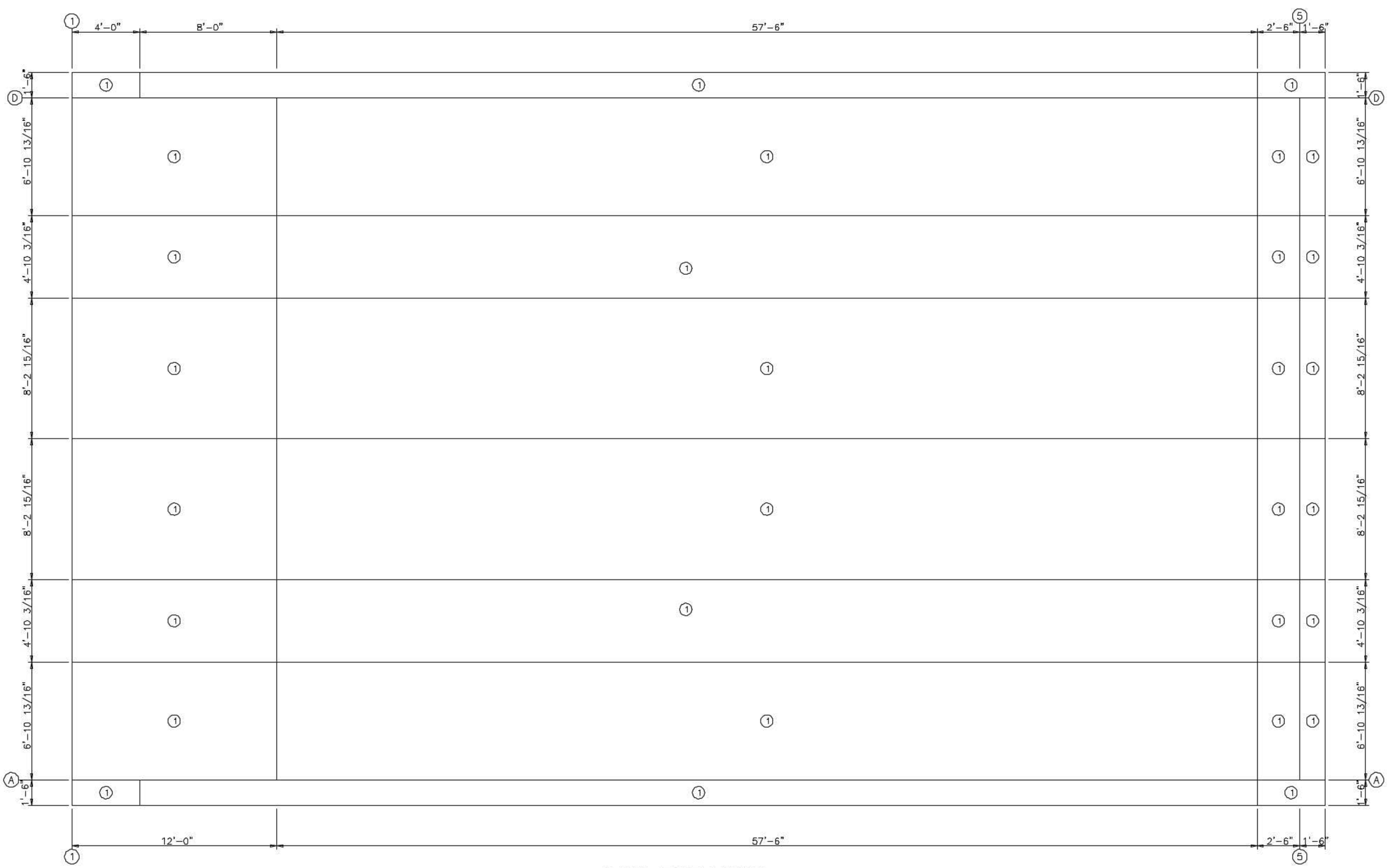
REVISION
DATE: | DESCRIPTION

TITLE/LOCATION: JODI LYNN
WHITE SPRINGS, FL.

PLAN: CROSS SECTION

JOB # 11523-XS

SHEET 8 OF 10



PANEL ZONE LAYOUT
(Minimum Fastener Spacing)

FASTENER TABLE		
O ID	SCREW PART	SPACE (in)
1	12x1.25	12.0

Gregory S Barfield
Digitally signed by Gregory S Barfield
Date: 2020.04.22 21:05:57 -04'00'

DESIGN CRITERIA		
BUILDING CODE:	FBC	17
LIVE LOAD TO FRAMES:	19.2	PSF
LIVE LOAD TO PURLINS:	20	PSF
COLLATERAL LOAD:	0	PSF
SNOW LOAD: (GROUND)	0	PSF
WIND LOAD: (ULTIMATE)	118	MPH
WIND IMPORTANCE FACTOR:	1	
WIND EXPOSURE:	B	
BUILDING OCCUPANCY CATEGORY	II	
ENCLOSURE CLASSIFICATION	ENCLOSED	

GREGORY S. BARFIELD LICENSE No 54419 STATE OF FLORIDA PROFESSIONAL ENGINEER
4-22-20

ELITE STRUCTURES

PH 229-896-7569
FAX 229-896-7560
P.O. BOX 207
ADEL , GA 31620

SCALE: N.T.S. | DATE: 2-21-20
DRAWN BY: R WALKER | SALES: JASON NASH
BUILDING SIZE: 40'X72'X12'

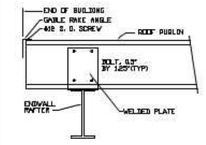
REVISION	
DATE:	DESCRIPTION

TITLE/LOCATION: JODI LYNN
WHITE SPRINGS, FL.

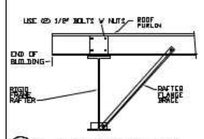
PLAN: ZONE LAYOUT

JOB # 11523-ZL

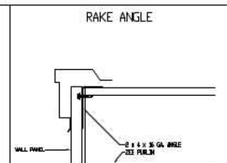
SHEET 9 OF 10

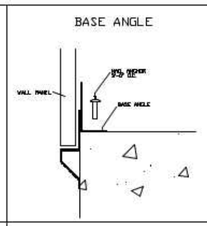


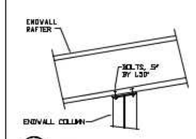
A7 SECTION THRU ENDWALL RAFTER



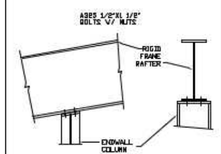
A10 ROOF PURLIN TO EXPANDABLE ENDWALL RIGID FRAME



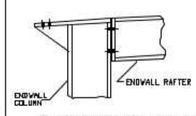




B3 ENDWALL RAFTER TO COLUMN

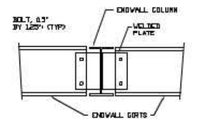


B20 RIGID FRAME RAFTER TO ENDWALL COLUMN

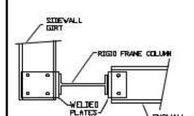


SEE ERECTION DRAWINGS FOR BOLT SIZE.

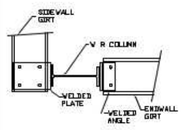
B24 CORNER COLUMN TO ENDWALL RAFTER



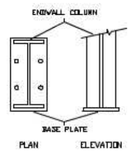
C6 ENDWALL COLUMN TO WALL GIRT



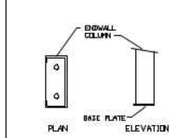
D15 CORNER COLUMN TO WALL GIRT



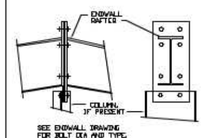
D17 CORNER COLUMN TO WALL GIRT



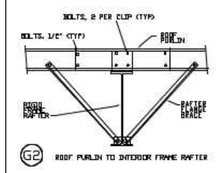
E3 BASE PLATE FOR ENDWALL COLUMN



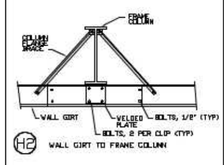
E5 BASE PLATE TO ENDWALL COLUMN OR DOOR JAMB



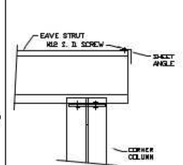
F12 RAFTER SPLICE AT SURFACE CHANGE



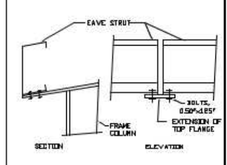
G2 ROOF PURLIN TO INTERIOR FRAME RAFTER



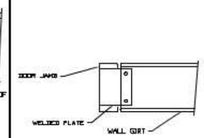
H2 WALL GIRT TO FRAME COLUMN



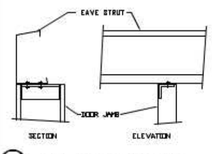
I14 EAVE STRUT TO CORNER COLUMN



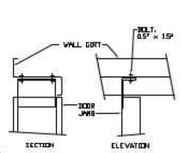
J2 EAVE STRUT TO RIGID FRAME



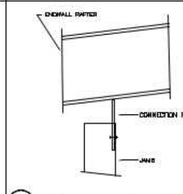
K3 WALL GIRT TO DOOR JAMB



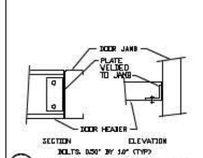
L3 DOOR JAMB TO EAVE STRUT



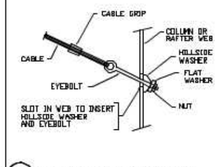
L8 DOOR JAMB TO WALL GIRT



L10B JAMB TO ENDWALL RAFTER FLANGE

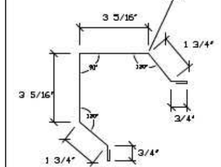


M5 DOOR HEADER TO DOOR JAMB



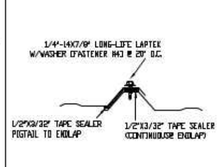
Q2 DIAGONAL CABLE, EYEBOLT END

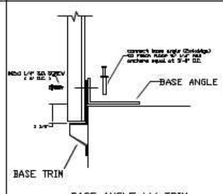
CORNER TRIM R,A PANEL



FL-830

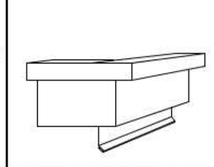
SIDELAPS OF SCREW-DOWN PANEL





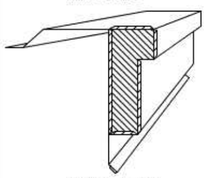
BASE ANGLE W/ TRIM

CORNER BOX



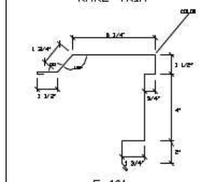
E-102, E-103, E-143, E-144

RAKE ENDS



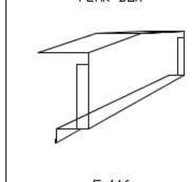
E-105, E-145

RAKE TRIM



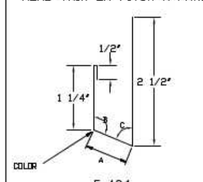
E-101

PEAK BOX



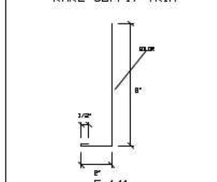
E-146

HEAD TRIM ON PITCH R PANEL



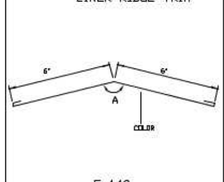
E-134

RAKE SOFFIT TRIM



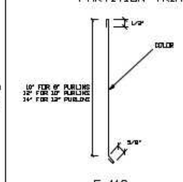
E-141

LINER RIDGE TRIM



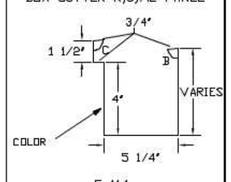
E-149

PARTITION TRIM



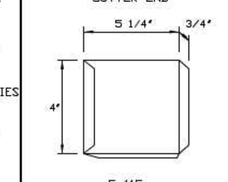
E-113

BOX GUTTER R,U,7.2 PANEL



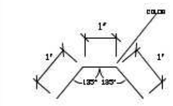
E-114

GUTTER END



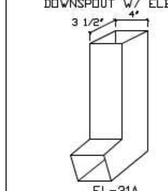
E-115

GUTTER STRAP



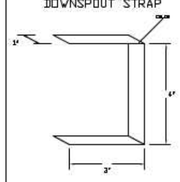
FL-893

DOWNSPOUT W/ ELBOW



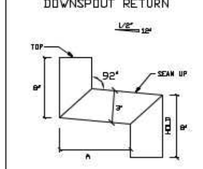
FL-31A

DOWNSPOUT STRAP



FL-797

DOWNSPOUT RETURN



FL-788

BASE TRIM

E-108

CORNER TRIM R,A PANEL

FL-830

HEAD TRIM R PANEL

FL-26

EAVE TO SOFFIT TRIM

E-142

DOWNSPOUT DOWN TO RETURN

FL-31

SCREW DOWN PANEL FASTENER LAYOUT ON EXTERIOR OF BUILDING

SCREW-DOWN PANEL FASTENER SPACING @ INTERMEDIATE SUPPORTS

SCREW-DOWN PANEL FASTENER SPACING @ PANEL ENDS

X1

X2

X3

X4

X5

W3 SECTION OF ENDWALL GIRT TO RAFTER

W4 SECTION OF ENDWALL GIRT TO RAFTER

Gregory S Barfield

Digitally signed by Gregory S Barfield
Date: 2020.04.22 21:06:15 -04'00'

DESIGN CRITERIA

BUILDING CODE:	FBC	17
LIVE LOAD TO FRAMES:	19.2	PSF
LIVE LOAD TO PURLINS:	20	PSF
COLLATERAL LOAD:	0	PSF
SNOW LOAD: (GROUND)	0	PSF
WIND LOAD: (ULTIMATE)	118	MPH
WIND IMPORTANCE FACTOR:	1	
WIND EXPOSURE:	B	
BUILDING OCCUPANCY CATEGORY	II	
ENCLOSURE CLASSIFICATION	ENCLOSED	

GREGORY S. BARFIELD LICENSE No 54419 STATE OF FLORIDA PROFESSIONAL ENGINEER
4-22-20

DOWNSPOUT LOCATIONS

ELITE STRUCTURES
PH 229-896-7569
FAX 229-896-7560
P.O. BOX 207
ADEL , GA 31620

SCALE: N.T.S. | DATE: 2-21-20
DRAWN BY: R WALKER | SALES: JASON NASH
BUILDING SIZE: 40'X72'X12'

REVISION	
DATE:	DESCRIPTION

TITLE/LOCATION: JODI LYNN WHITE SPRINGS, FL.

PLAN: DETAIL PAGE

JOB # 11523-DP

SHEET 10 OF 10