

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/A101	FY = 50 KSI
STRUCTURAL STEEL FLANGE PLATES/BARS	A572/A572	FY = 50 KSI
COLD FORM LIGHT GAUGE	A653/A101	FY = 50, 55 KSI
ROOF AND WALL SHEETS	A792/A653	FY = 50, 60 KSI
CABLE BRACE	A475- TYPE1	EXTRA HIGH STRENGTH
ROD BRACE	A36	FY = 36 KSI
MILL SECTIONS	A36	FY = 36 KSI

MACHINE BOLTS & NUTS	ASTM DESIGNATION	MIN. TENSILE STRENGTH
HIGH STRENGTH BOLTS (1" DIA. & LESS)	A307	FU = 60 KSI
HIGH STRENGTH BOLTS (1" DIA. & LESS)	A325 - TYPE 1	FU = 120 KSI
HIGH STRENGTH BOLTS (1" DIA. & LESS)	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 PROVIDE 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 (MRMA 610)
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 OF 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-GR 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.

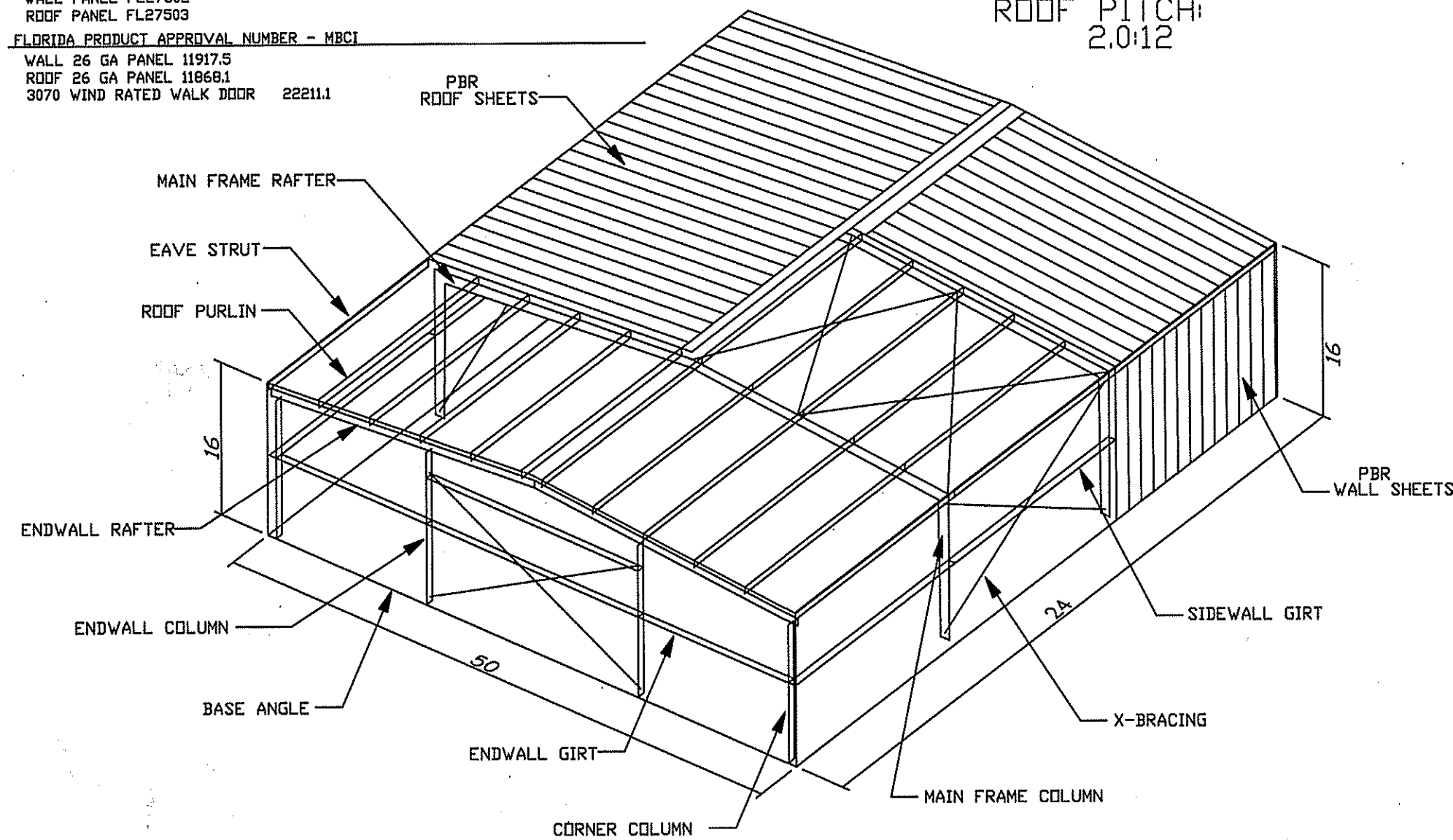
REFERENCE: STEEL CONSTRUCTION MANUAL
AMERICAN INSTITUTE OF STEEL CONSTRUCTION INC.
THIRTEENTH EDITION (AISC)

FLORIDA PRODUCT APPROVAL NUMBER - ELITE STRUCTURES 26 GAUGE PBR PANEL

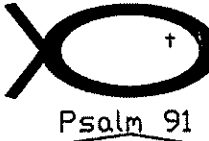
WALL PANEL FL27502
ROOF PANEL FL27503

FLORIDA PRODUCT APPROVAL NUMBER - MBCI

WALL 26 GA PANEL 119175
ROOF 26 GA PANEL 118681
3070 WIND RATED WALK DOOR 22211.1



BUILDING DRAWING FOR ILLUSTRATION ONLY



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



ELITE-STRUCTURES.COM

CONSTRUCTION MANUAL AVAILABLE ONLINE
WWW.ELITE-STRUCTURES.COM

PROJECT: PLUMB LEVEL CONSTRUCTION PROJECT MANAGER: DAVID DOBRANSKY LOCATION: LAKE CITY, FL.

DATE: 8/2/22

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.

DURANCE THE BUYER/END USER CUSTOMER HAS SIGNED ELITE STRUCTURES APPROVAL PACKAGE AND THE PROJECT IS RELEASED FOR FABRICATION, CHANGES SHALL BE BILLED TO THE BUYER/END USER 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 USER 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 USER 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 STRUCTURES

THE BUYER/ END USER CUSTOMER IS RESPONSIBLE 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.

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 PREPARED BY THE END USER CUSTOMER. ELITE STRUCTURES ASSURES ITSELF THAT ADEQUATE PROVISIONS ARE MADE IN THE FOUNDATION DESIGN FOR LOADS IMPROVED BY COLUMN REACTIONS OF THE BUILDING, OTHER IMPOSED LOADS, AND BEARING CAPACITY OF THE SOIL AND OTHER CONDITIONS OF THE BUILDING SITE.

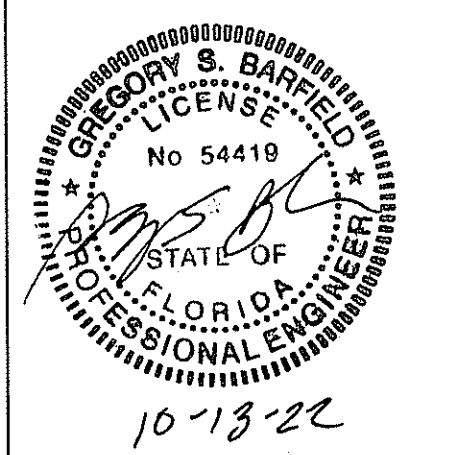
NORMAL ERECTION OPERATIONS INCLUDE THE CORRECTIONS OF MINOR MISFITS BY MODERATE AMOUNTS OF REAMING, CHIPPING, WELDING OR CUTTING, AND THE DRAWING OF ELEMENTS INTO LINE THROUGH THE USE OF DRIFT PINS. ERRORS WHICH CANNOT BE CORRECTED BY FOREGOING MEANS OR WHICH REQUIRE MAJOR CHANGES IN MEMBERS CONFIGURATION ARE TO REPORT IMMEDIATELY TO ELITE STRUCTURES BY THE BUYER/ END USER 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:
50' x 24' x 16'

LOCAL BUILDING CODE:	FBC 20
ENCLOSURE TYPE:	Closed
BUILDING RISK CATAGORY	IV - Post
LOAD REDUCTION USED:	Yes
LIVE LOAD TO FRAMES:	12
LIVE LOAD TO PURLINS:	20.00
DEAD LOAD:	2.500
COLLATERAL LOAD:	1
SNOW LOAD (GROUND):	0
SNOW LOAD (ROOF):	0
WIND SPEED:	132
WIND EXPOSURE:	B
SEISMIC ZONE:	B
SEISMIC IMPORTANCE:	1.50
SPECTRAL RESPONSE Ss	0.09
SPECTRAL RESPONSE S1	0.05
RAIN INTENSITY: 5 yr.	10
25 yr.	11.0000

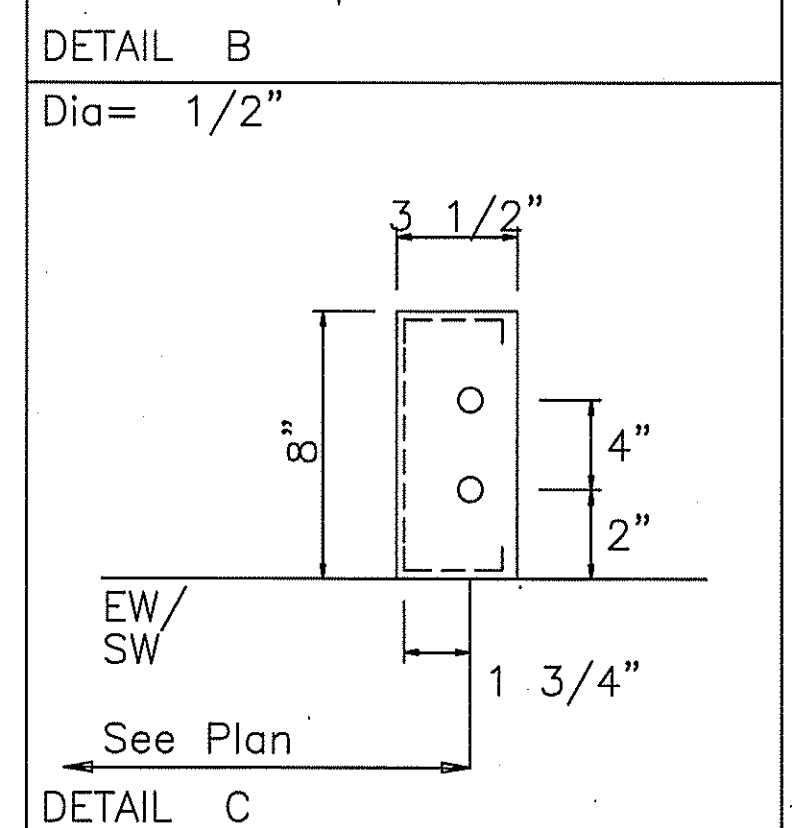
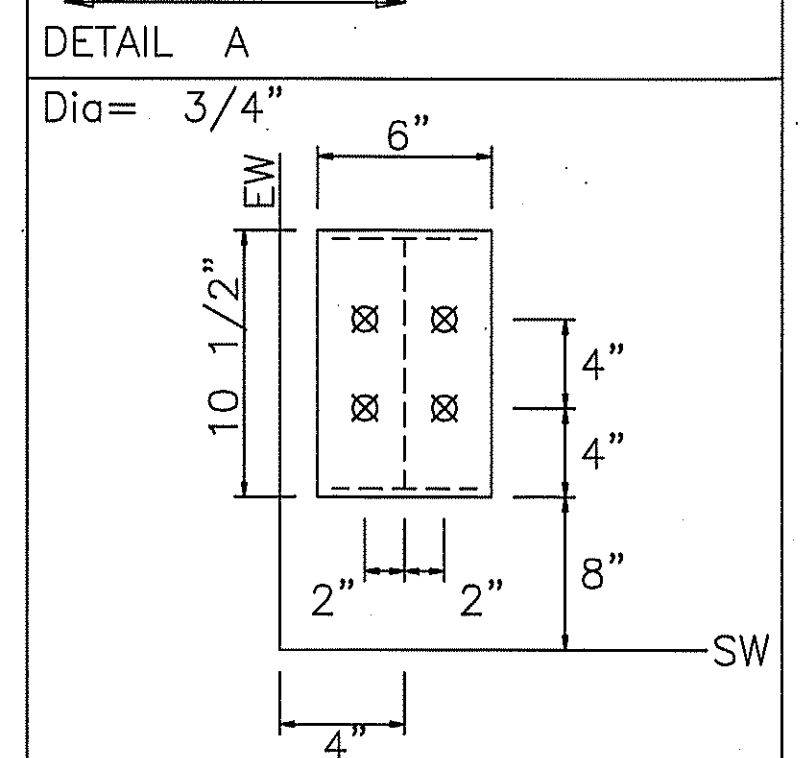
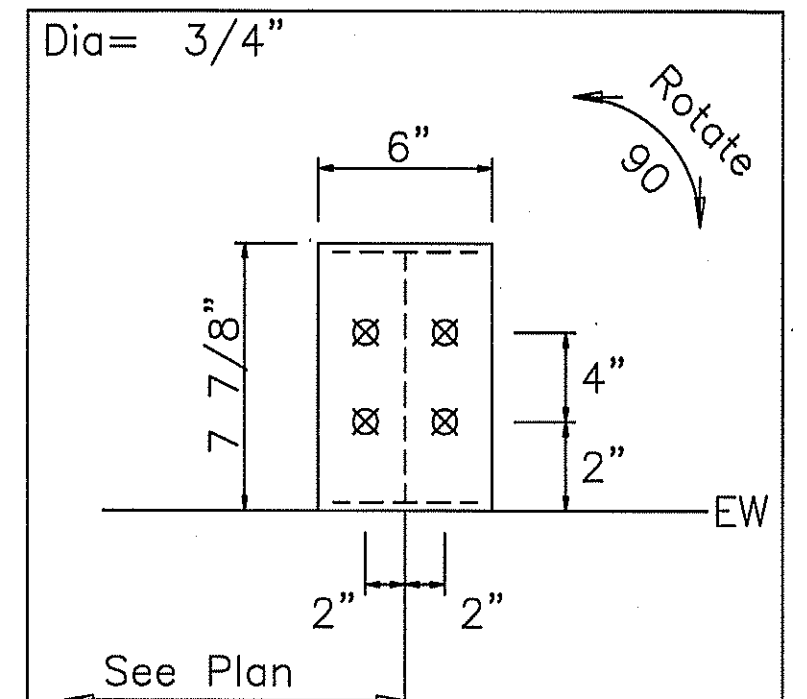
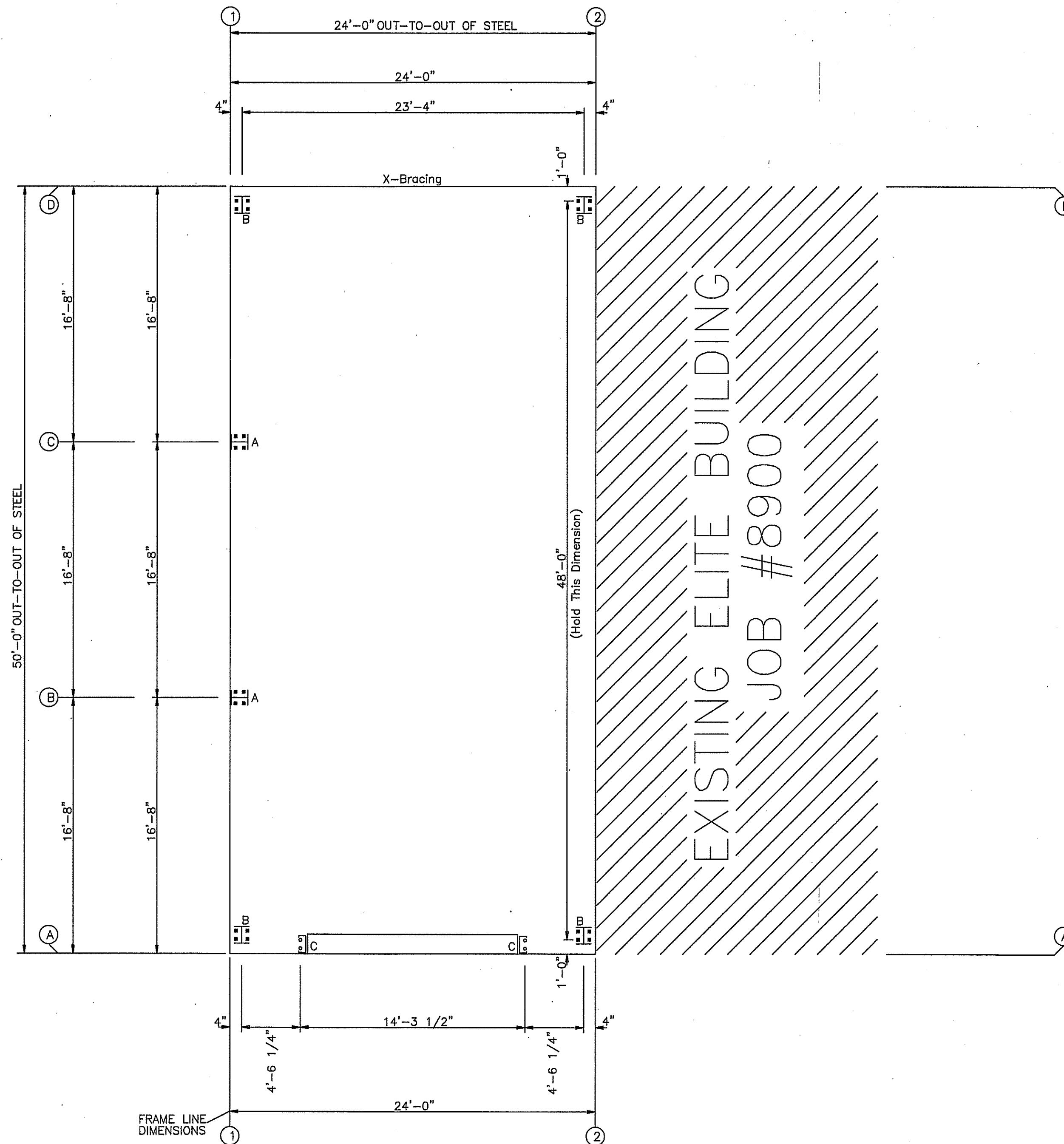
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ENGINEERING SEAL
THIS CERTIFICATION COVERS PARTS MANUFACTURED AND DELIVERED BY ELITE STRUCTURES ONLY

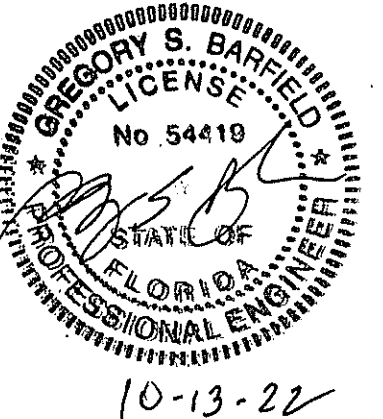


SEALING OF THESE DRAWINGS DOES NOT IMPLY OR CONSTITUTE THAT ELITE STRUCTURES ENGINEER IS THE ENGINEER OF RECORD OR THE DESIGN PROFESSIONAL FOR THIS PROJECT. ONLY THE DESIGN OF THE METAL BUILDING SYSTEM AS FURNISHED BY ELITE STRUCTURES IS INCLUDED. FOUNDATIONS ANALYSIS, ELECTRICAL, AND MECHANICAL SYSTEMS,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

DESIGN SPECIFICATIONS
FOR
JOB ID: 12529



GREGORY S. BARRETT, P.E.
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Adel, GA 31820
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FAX 229-896-7560
P.O. BOX 207
ADEL, GA 31620

SCALE: N.T.S. DATE: 8-2-22
DRAWN BY: R WALKER SALES: D DOBRANSKY
BUILDING SIZE: 50'X24'X16'

REVISION	DESCRIPTION

TITLE/LOCATION
PLUMB LEVEL CONSTRUCTION
LAKE CITY, FL.

PLAN:
ANCHOR BOLT PLAN

JOB # 12529-AB
SHEET 1 OF 12

10-13-22

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

Frm Line	Col Line	Column_Reactions(k)						Bolt(in) Qty	Dia	Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin			Width	Length	Thick	
1*	D	3	4.0	6.4	4	-2.9	-4.8	4	0.750	6.000	10.50	0.500	0.0
		1	3.0	7.3	6	-2.9	-9.0						
1*	A	5	2.9	-4.8	2	-4.0	4.1	4	0.750	6.000	10.50	0.500	0.0
		1	-3.0	7.3	7	2.9	-5.9						
1* Frame lines: 1 2													

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead		Collateral		Live		Wind_Left1		Wind_Right1		Wind_Left2	
		Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
1*	D	0.6	1.8	0.2	0.4	2.2	5.1	-5.5	-9.7	-0.5	-6.5	-5.1	-5.7
1*	A	-0.6	1.8	-0.2	0.4	-2.2	5.1	0.5	-6.5	5.5	-9.7	0.1	-2.5
Frame Line	Column Line	Wind_Right2		Wind_Long1		Wind_Long2							
		Horiz	Vert	Horiz	Vert	Horiz	Vert						
1*	D	-0.1	-2.5	-5.4	-16.8	3.3	-9.6						
1*	A	5.1	-5.7	-3.3	-4.3	5.4	-11.6						
1*	Frame lines:		1	2									

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Wind Press		Wind Suct	
			Horz	Vert	Horz	Vert
1	C	0.2	-2.7		3.0	
1	B	0.2	-2.7		3.0	

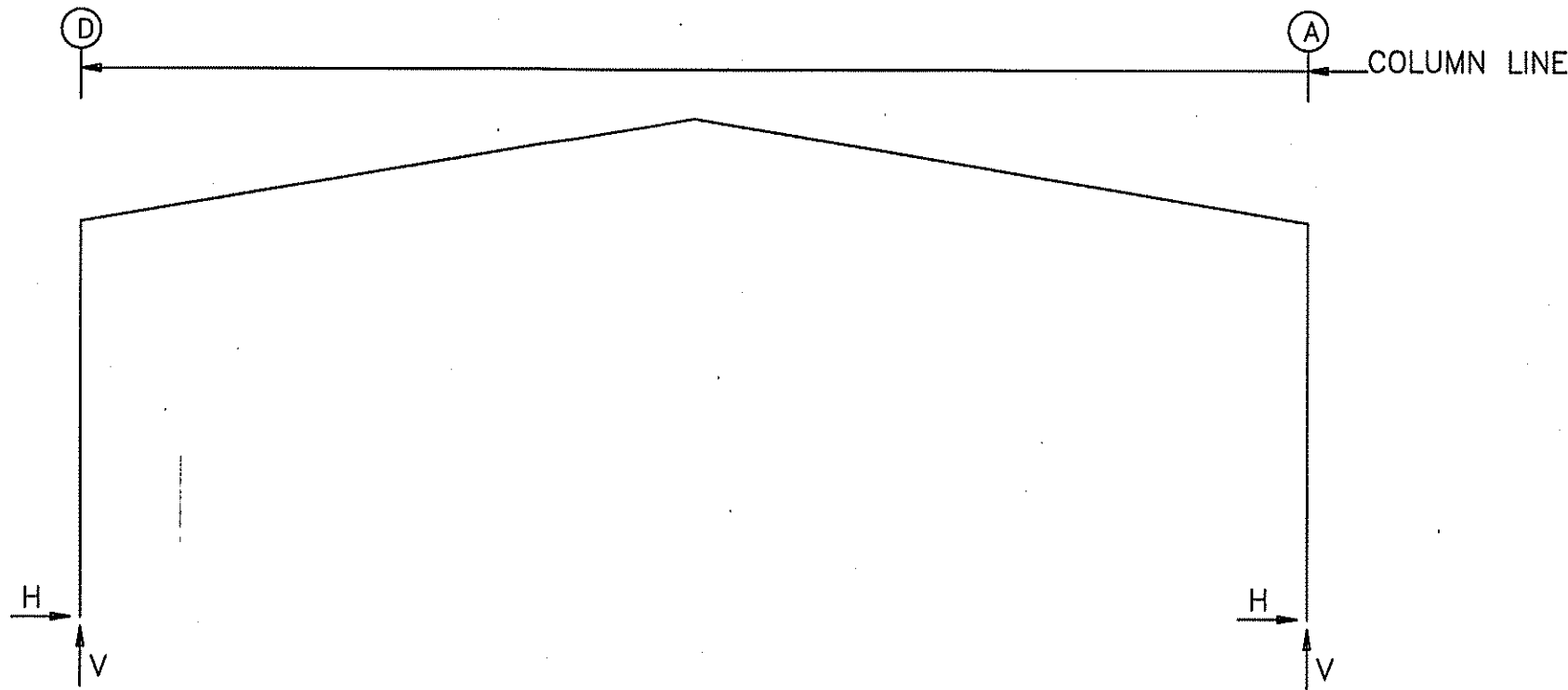
ENDWALL COLUMN: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k)						Bolt(in) Qty	Dia	Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin			Width	Length	Thick	
1	C	8	1.8	0.1	9	-1.6	0.1	4	0.750	6.000	7.875	0.375	0.0
		10	1.8	0.2									
1	B	8	1.8	0.1	9	-1.6	0.1	4	0.750	6.000	7.875	0.375	0.0
		10	1.8	0.2									

ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)	Type	Proj (in)
4	Jamb	1/2"	GR36	1.50
8	Endwall	3/4"	GR36	2.50
16	Frame	3/4"	GR36	2.50

FRAME LINES: 1 2



NOTES FOR REACTIONS

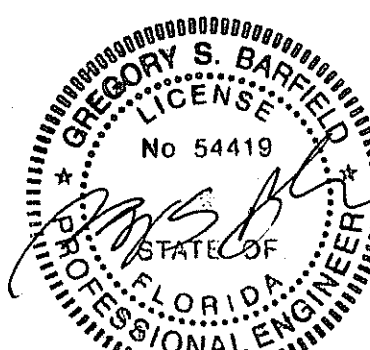
Building reactions are based on the following building data:

Width (ft)	=	50.0
Length (ft)	=	24.0
Eave Height (ft)	=	16.0/ 16.0
Roof Slope (rise/12)	=	2.0/ 2.0
Dead Load (psf)	=	2.5
Collateral Load (psf)	=	1.0
Roof Live Load (psf)	=	20.0
Frame Live Load (psf)	=	12.0
Wind Speed (mph)	=	132.0
Wind Code	=	FBC 20 (IBC 18)
Exposure	=	B
Closed/Open	=	C
Importance Wind	=	1.00
Importance Seismic	=	1.50
Seismic Zone	=	B

BUILDING BRACING REACTIONS

Wall Loc	Col Line	± Reactions(k)				Panel_Shear (lb/ft)		Note
		Horz	Vert	Horz	Vert	Wind	Seis	
L_EW	1							(h)
F_SW	A	Torsional Bracing Used						(h)
R_EW	2							
B_SW	D	2.1	8.7	5.2	0.0	0.0		
(h)Rigid frame at endwall								

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SCALE: N.T.S. DATE: 8-2-22
DRAWN BY: R WALKER SALES: D DOBRANSKY
BUILDING SIZE: 50'X24'X16'

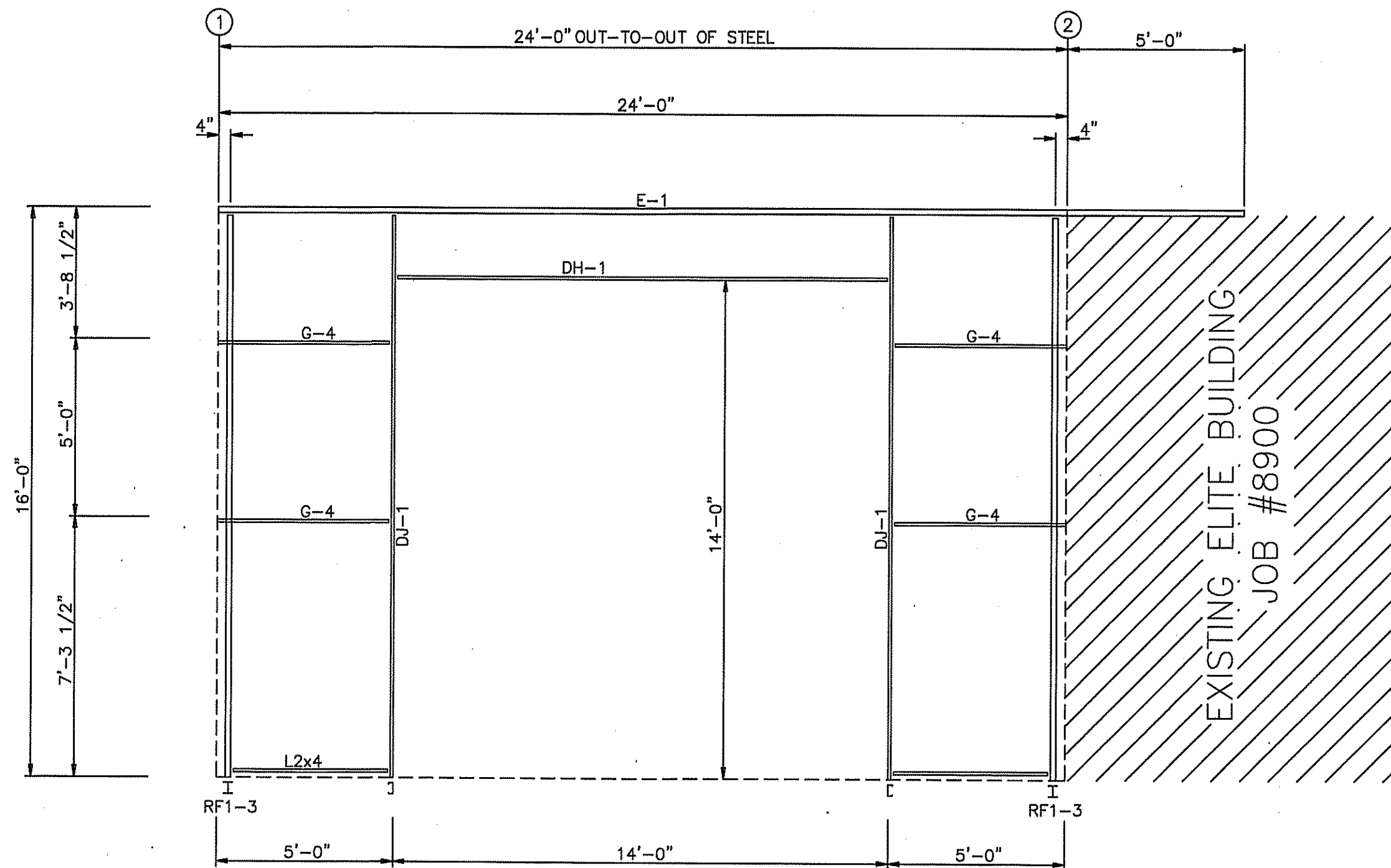
REVISION
DESCRIPTION

TITLE/LOCATION
PLUMB LEVEL CONSTRUCTION
LAKE CITY, FL.

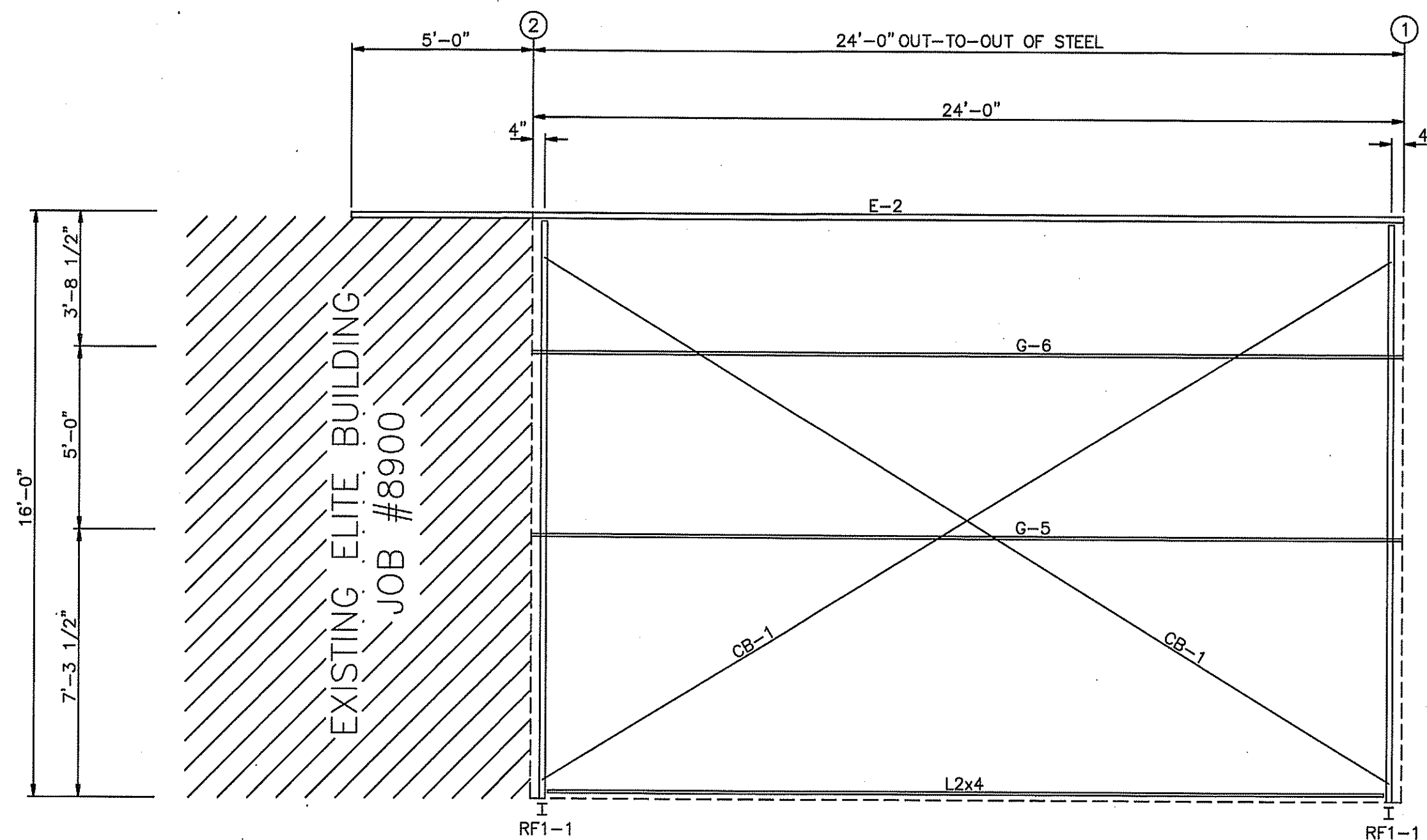
PLAN:
COLUMN REACTIONS

JOB # 12529-CR
SHEET 2 OF 12

10-13-22



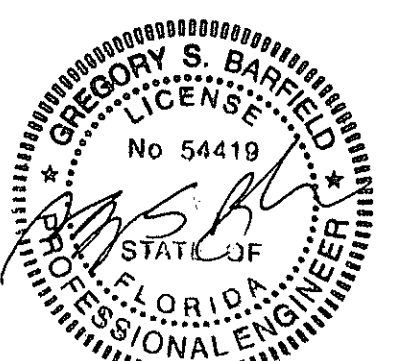
SIDEWALL FRAMING: FRAME LINE A



SIDEWALL FRAMING: FRAME LINE D

MEMBER TABLE FRAME LINE A & D		
MARK	PART	LENGTH
DJ-1	8X35C14	15'-5 1/4"
DH-1	8X35C14	13'-11 1/2"
E-1	8E214L2	28'-11 1/2"
E-2	8E214L2	28'-11 1/2"
G-4	8X25Z16	4'-8"
G-5	8X25Z12	23'-11 1/2"
G-6	8X35Z16	23'-11 1/2"
CB-1	3/8_CBL	28'-4"

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DRAWN BY: R WALKER SALES: D DOBRANSKY
BUILDING SIZE: 50'X24'X16'

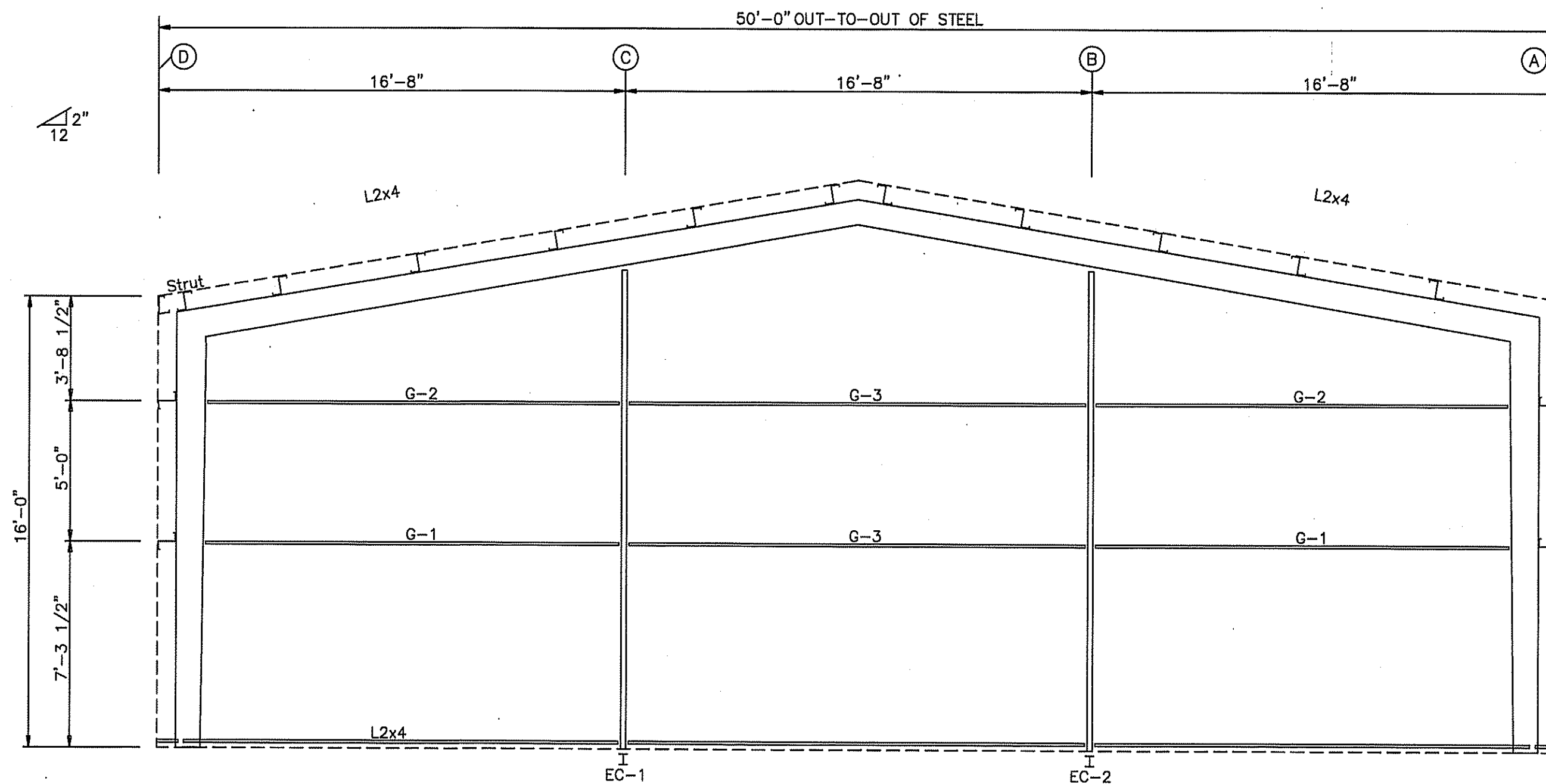
REVISION
DESCRIPTION

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PLUMB LEVEL CONSTRUCTION
LAKE CITY, FL.

PLAN:
SIDEWALL FRAMING

JOB # 12529-SF
SHEET 3 OF 12

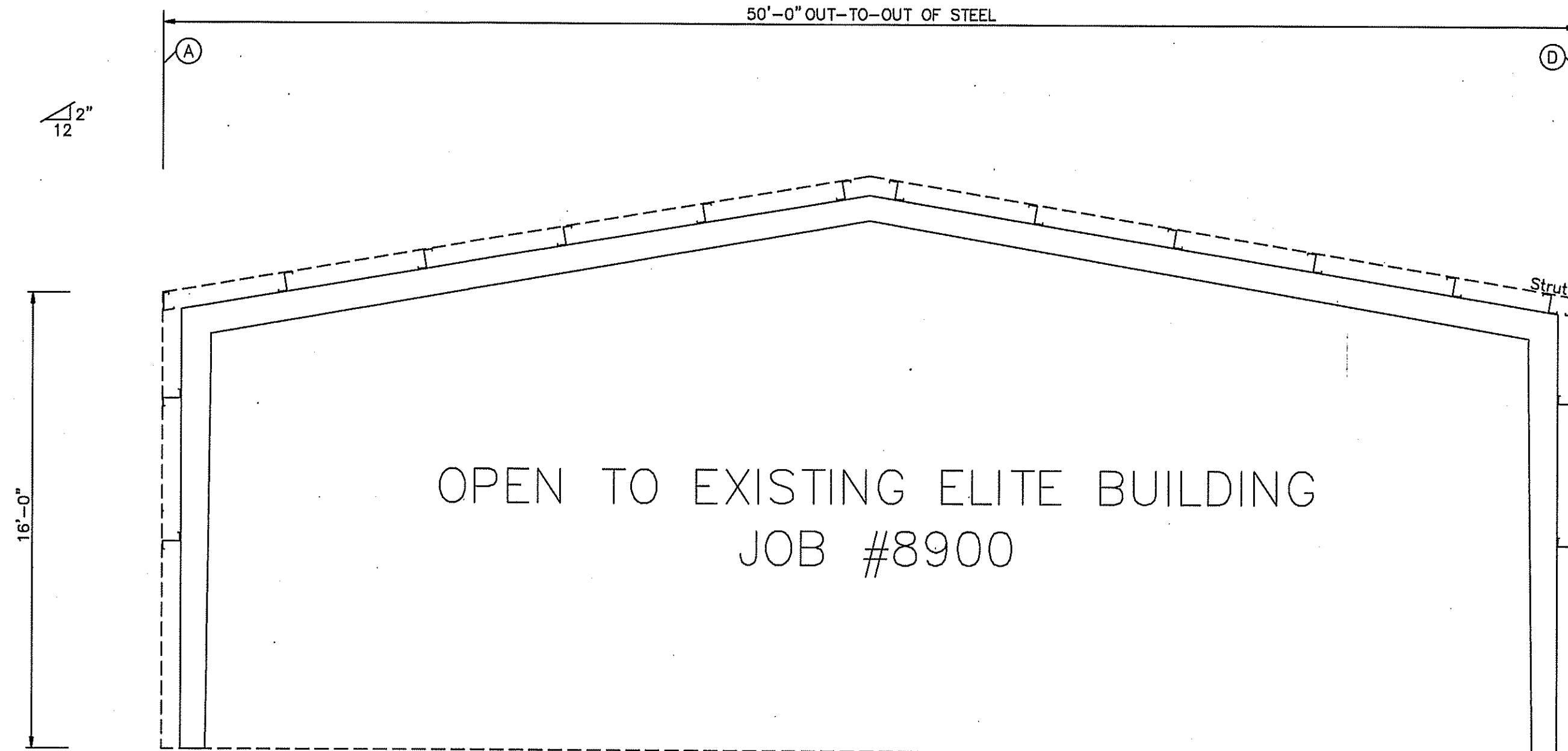
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ENDWALL FRAMING: FRAME LINE 1

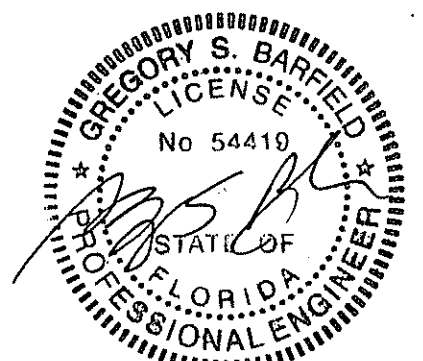
BOLT TABLE FRAME LINE 1 & 2				
LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	4	A325	1/2"	1 1/2"

MEMBER TABLE FRAME LINE 1 & 2		
MARK	PART	LENGTH
EC-1	W8X10	17'-2 3/16"
EC-2	W8X10	17'-2 3/16"
G-1	8X25Z16	14'-9 15/16"
G-2	8X25Z16	14'-9 1/4"
G-3	8X25Z16	16'-3 1/2"



ENDWALL FRAMING: FRAME LINE 2

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BUILDING SIZE: 50'X24'X16'

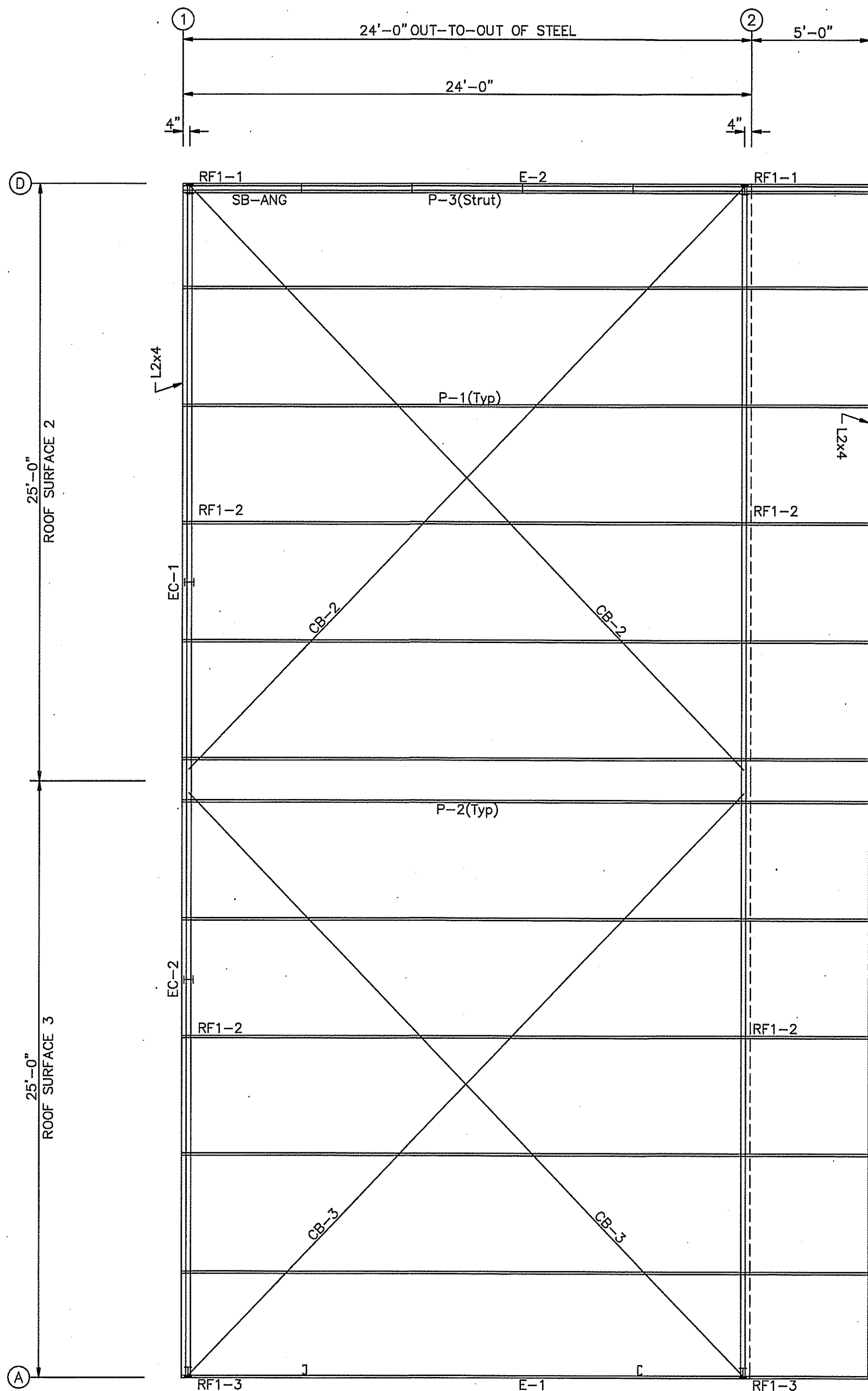
REVISION	
DATE	DESCRIPTION

TITLE/LOCATION
PLUMB LEVEL CONSTRUCTION
LAKE CITY, FL.

PLAN:
ENDWALL FRAMING

JOB # 12529-EF
SHEET 4 OF 12

10-13-22

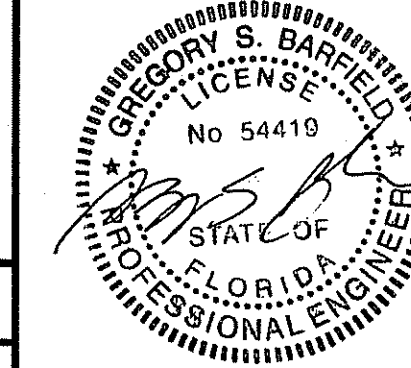


EXISTING ELITE BUILDING
JOB #8900

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

MEMBER TABLE ROOF PLAN		
MARK	PART	LENGTH
P-1	8X35Z12	28'-11 1/2"
P-2	8X35Z12	28'-11 1/2"
P-3	8X25Z16	23'-11 1/2"
E-1	8E214L2	28'-11 1/2"
E-2	8E214L2	28'-11 1/2"
CB-2	5/16_CBL	33'-6"
CB-3	1/4_CBL	33'-6"
SB-ANG	L2X2X14G	1'-0"

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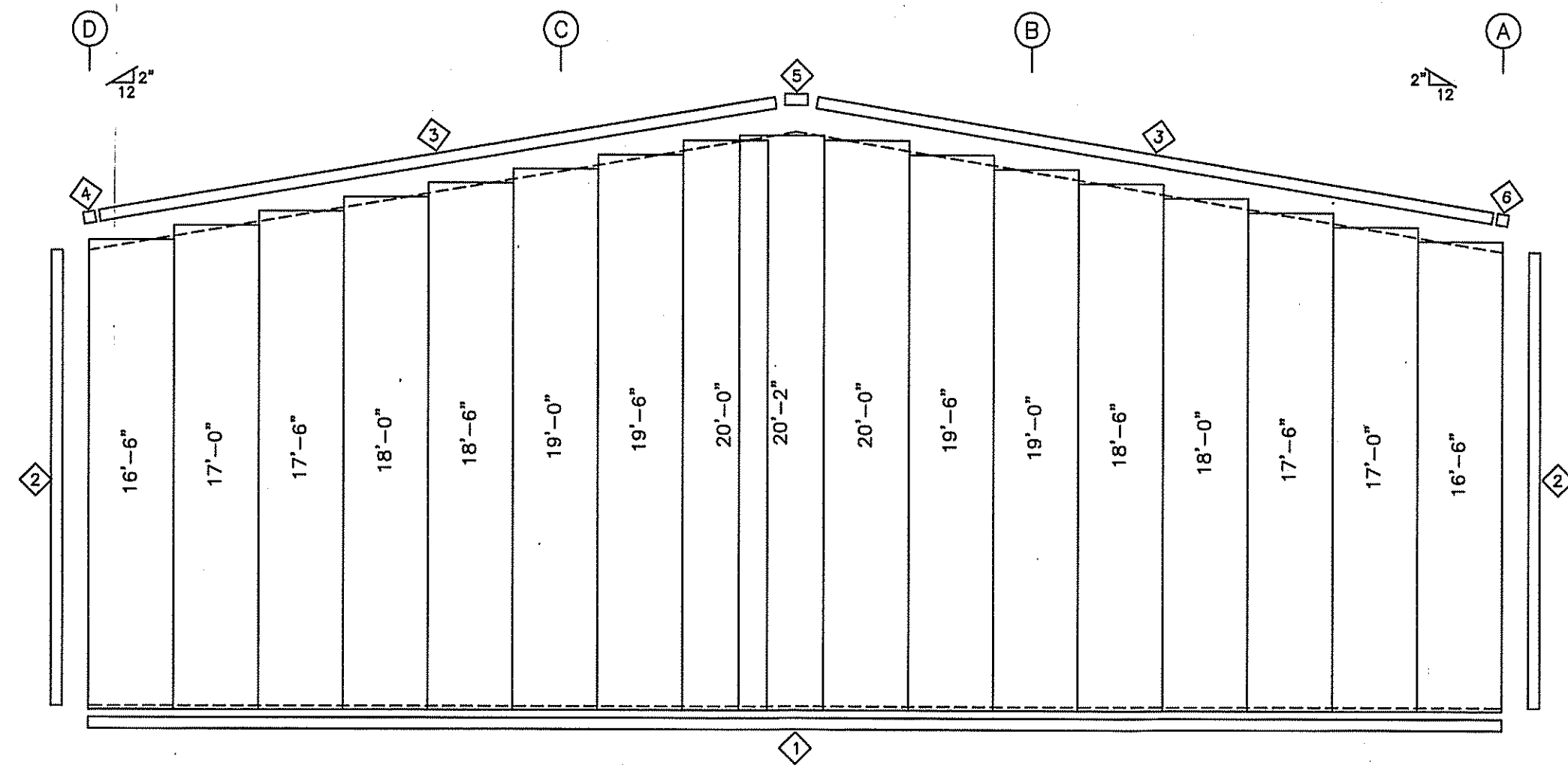
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PLUMB LEVEL CONSTRUCTION
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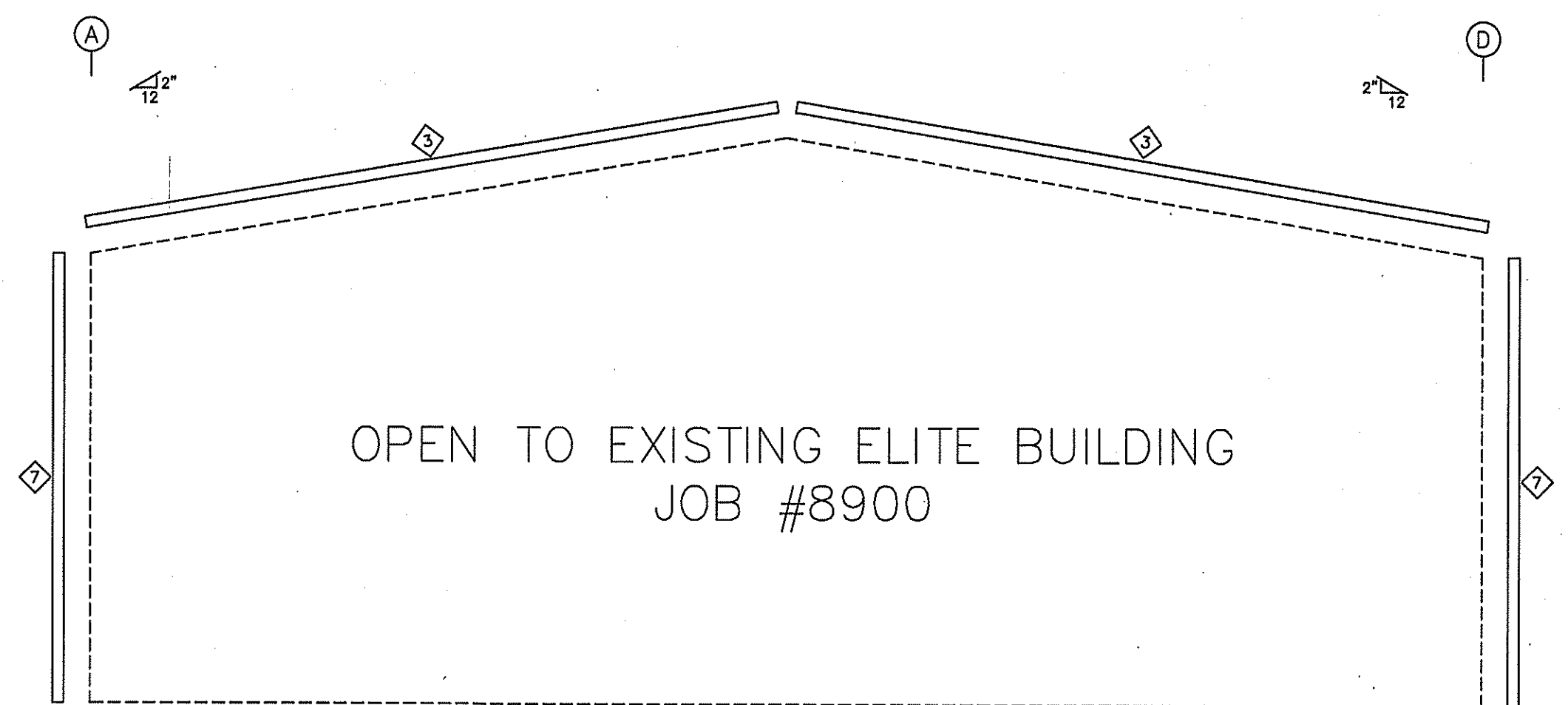
PLAN:
ROOF FRAMING

JOB # 12529-RF
SHEET 5 OF 12

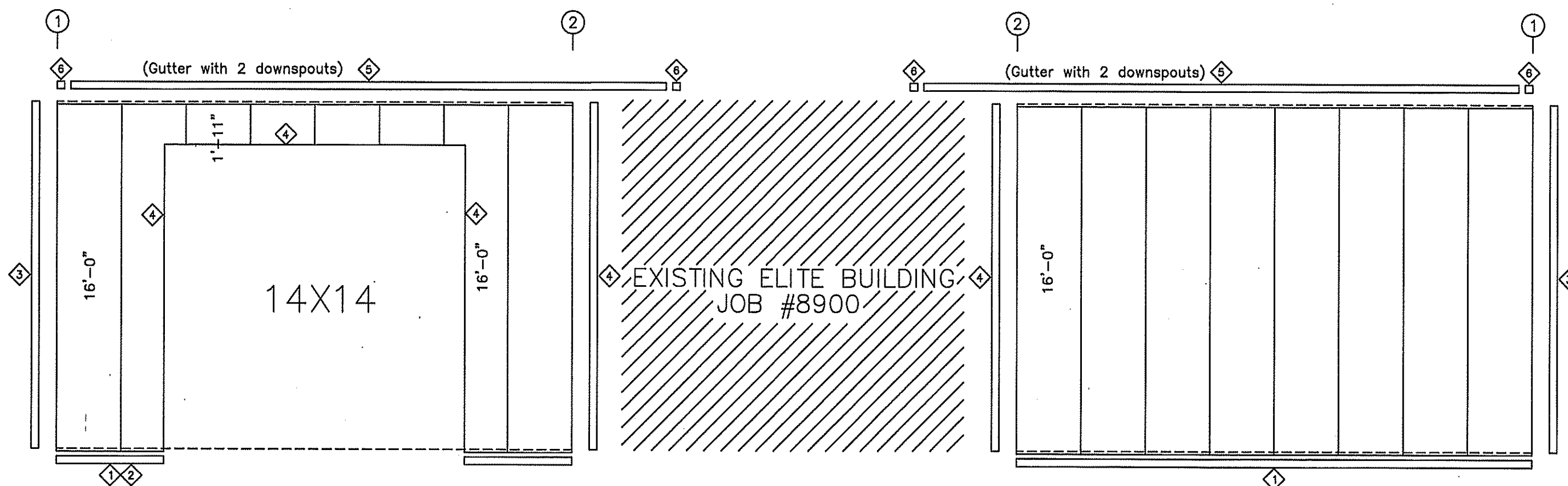
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ENDWALL SHEETING & TRIM: FRAME LINE 1
PANELS: 26 Ga. PBR - NEED COLOR



ENDWALL SHEETING & TRIM: FRAME LINE 2



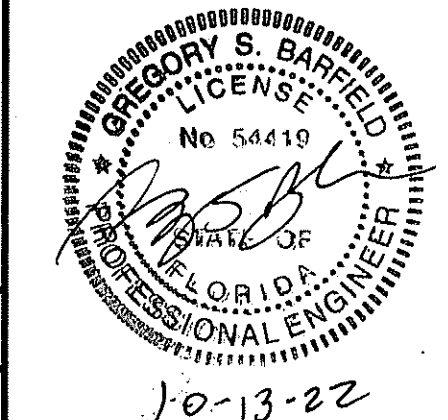
SIDEWALL SHEETING & TRIM: FRAME LINE A
PANELS: 26 Ga. PBR - NEED COLOR

SIDEWALL SHEETING & TRIM: FRAME LINE D
PANELS: 26 Ga. PBR - NEED COLOR

TRIM TABLE FRAME LINE 1 & 2		
ID	PART	DETAIL
1	E-108	TRIM_43
2	FL-830	TRIM_47
3	E-101	TRIM_16
4	E-145	TRIM_7
5	E-146	TRIM_23
6	E-105	TRIM_7
7	FL-26	TRIM_49

TRIM TABLE FRAME LINE A & D		
ID	PART	DETAIL
1	E-108	TRIM_43
2	E-108	TRIM_43
3	FL-830	TRIM_47
4	FL-26	TRIM_49
5	E-114	TRIM_30
6	E-115	TRIM_33

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P.O. BOX 207
ADEL, GA 31620

SCALE: N.T.S. DATE: 8-2-22
DRAWN BY: R. WALKER SALES: D. DOBRANSKY
BUILDING SIZE: 50'X24'X16'

REVISION	
DESCRIPTION	DATE

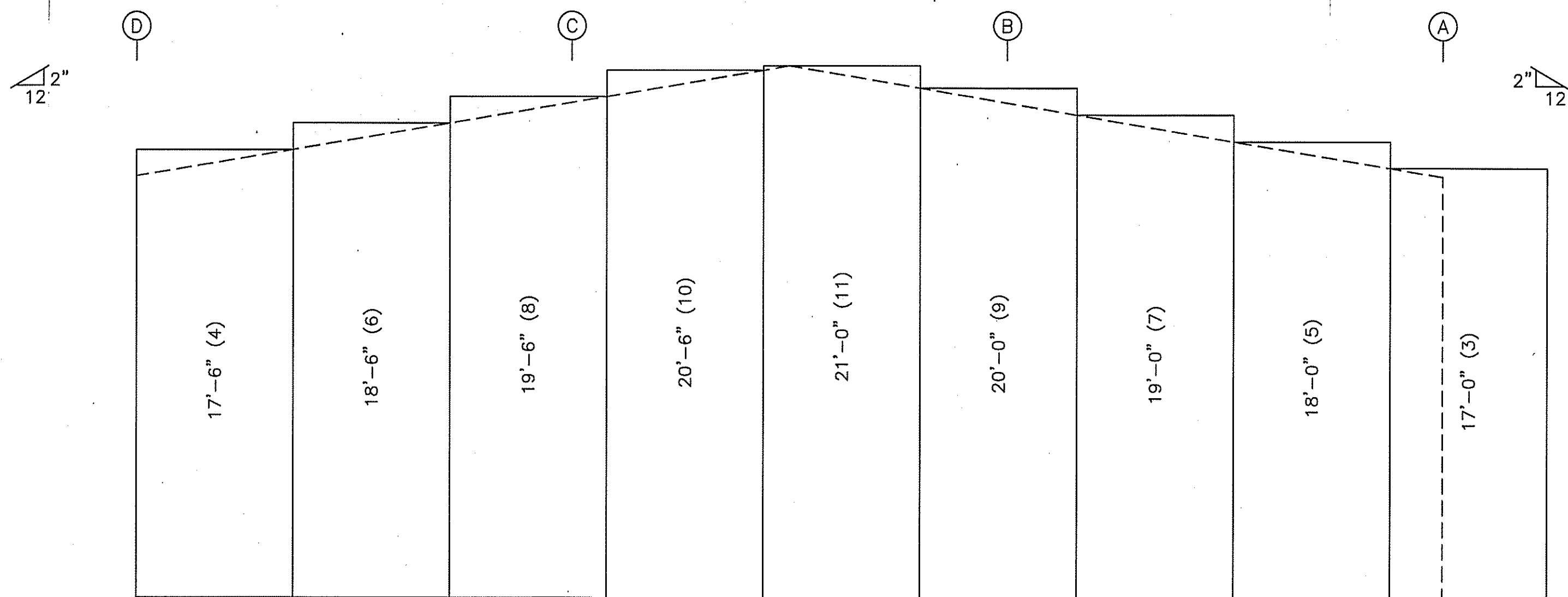
TITLE/LOCATION
PLUMB LEVEL CONSTRUCTION
LAKE CITY, FL.

PLAN:
WALL SHEETING

JOB # 12529-WS
SHEET 6 OF 12

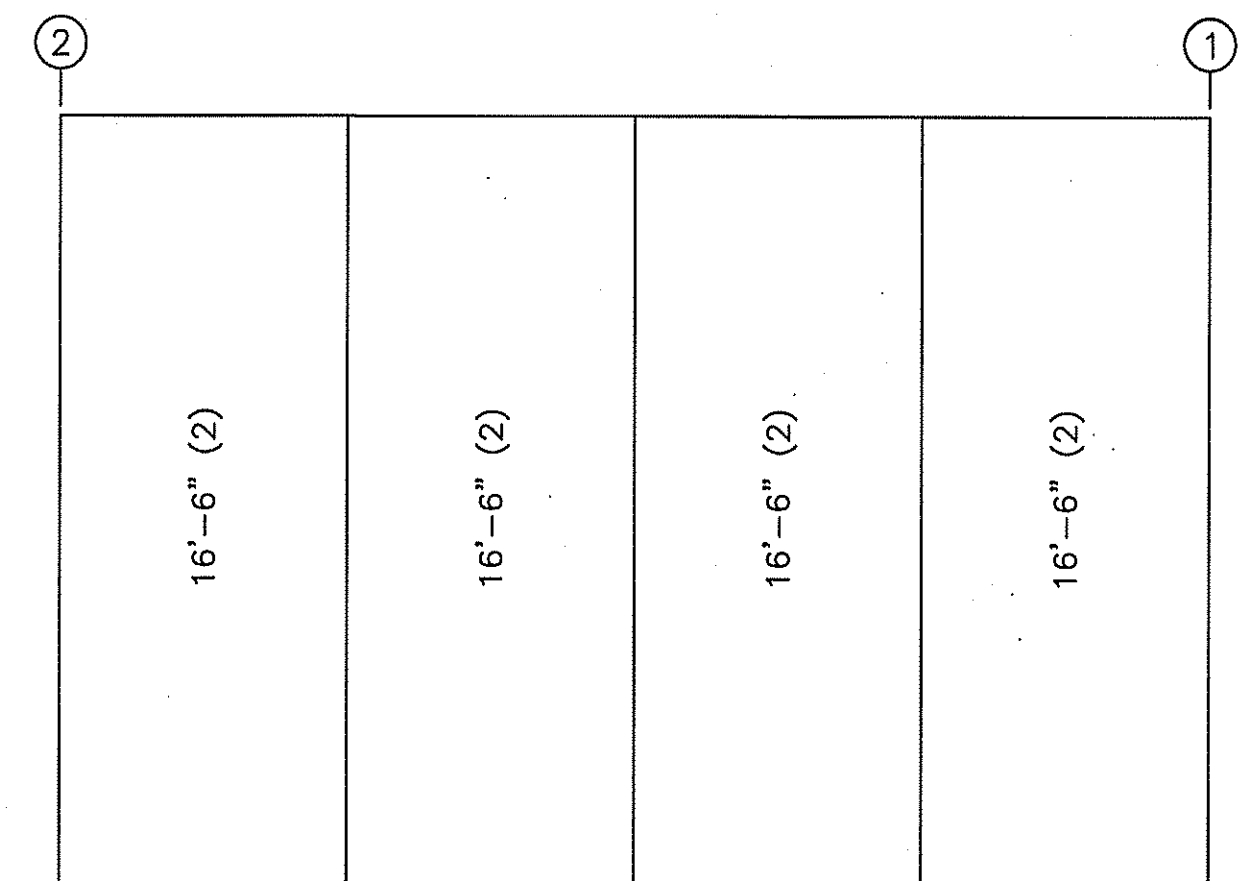
JOB # 12529-RS

SHEET 7 OF 12



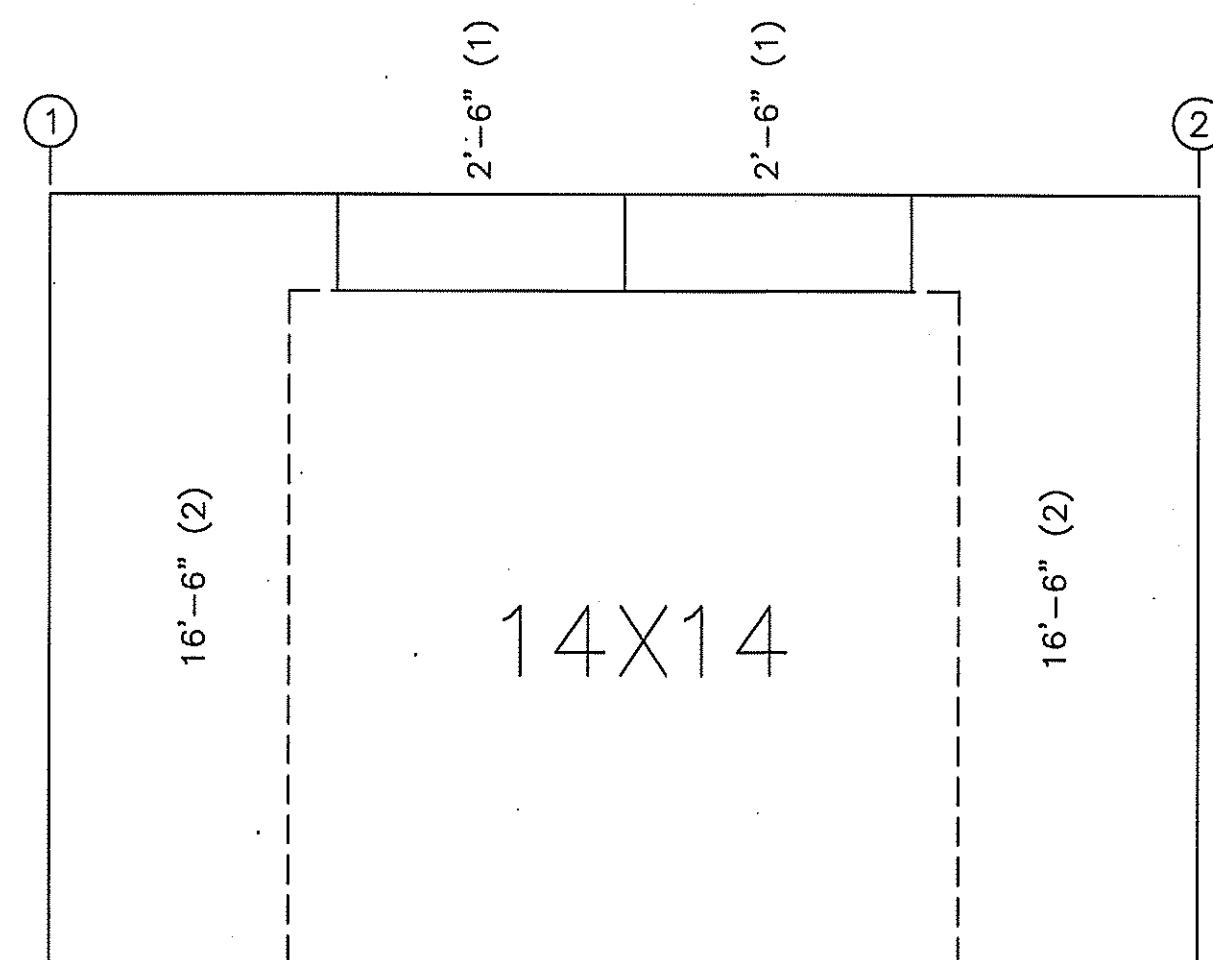
ENDWALL INSULATION: FRAME LINE 1

INSULATION: 3.00" Thick VR



SIDEWALL INSULATION: FRAME LINE D

INSULATION: 3.00" Thick VR



SIDEWALL INSULATION: FRAME LINE A

INSULATION: 3.00" Thick VR

INSULATION TABLE FRAME LINE 1 A D				
ROLL	QUAN	MARK	WIDTH	LENGTH
1	2	WI-1	6'-0"	2'-6"
2	6	WI-2	6'-0"	16'-6"
3	1	WI-3	6'-0"	17'-0"
4	1	WI-4	6'-0"	17'-6"
5	1	WI-5	6'-0"	18'-0"
6	1	WI-6	6'-0"	18'-6"
7	1	WI-7	6'-0"	19'-0"
8	1	WI-8	6'-0"	19'-6"
9	1	WI-9	6'-0"	20'-0"
10	1	WI-10	6'-0"	20'-6"
11	1	WI-11	6'-0"	21'-0"

LEGEND:
2'-6" (1)
Length (Roll #)

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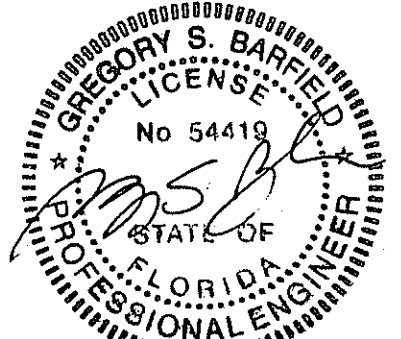
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REVISION
DESCRIPTION

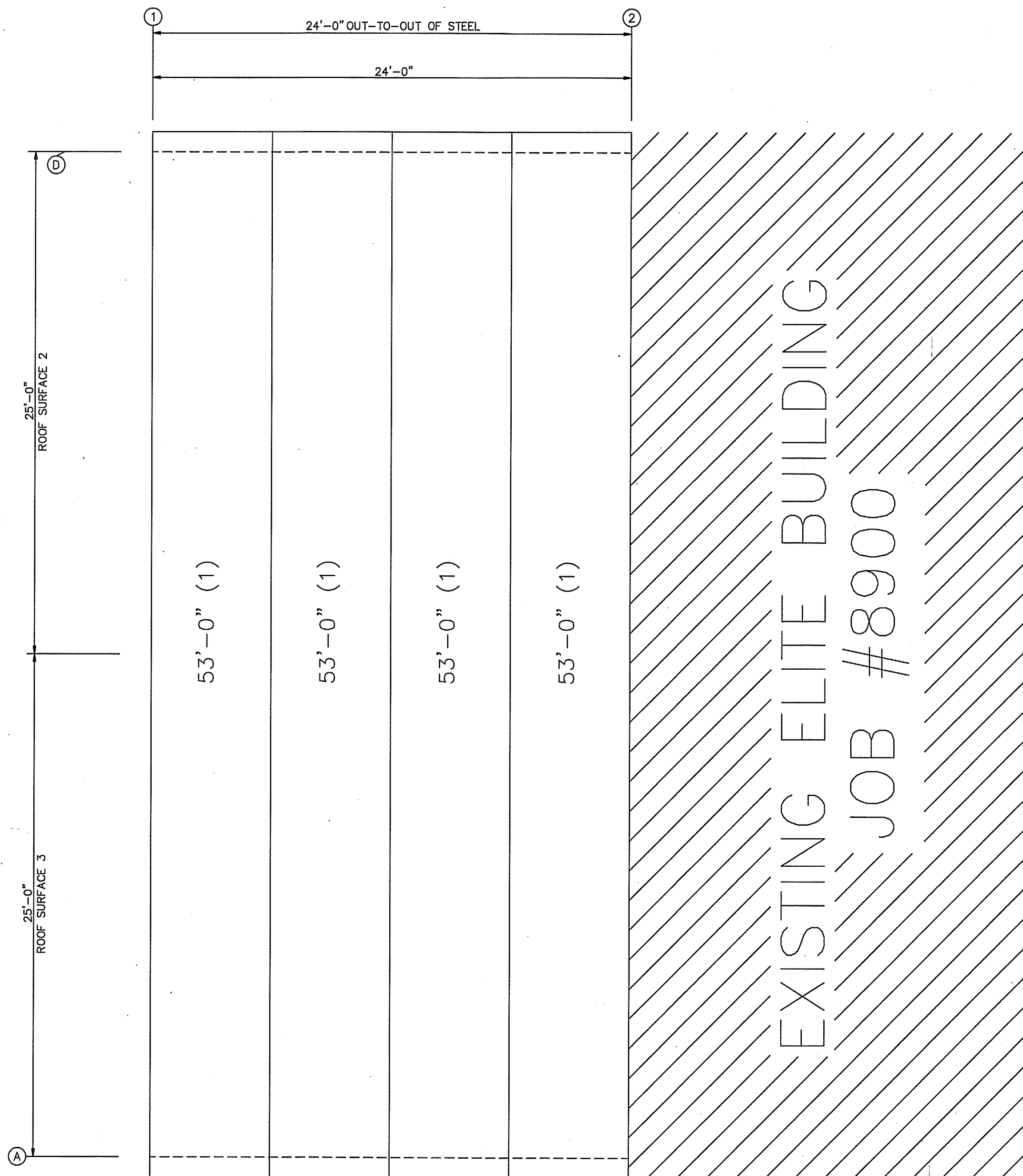
TITLE/LOCATION
PLUMB LEVEL CONSTRUCTION
LAKE CITY, FL.

PLAN:
WALL INSULATION

JOB # 12529-WI
SHEET 8 OF 12



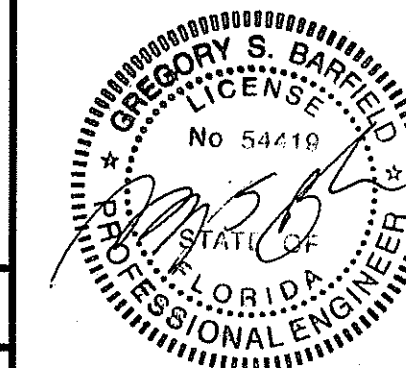
10-13-22



INSULATION TABLE ROOF PLAN				
ROLL	QUAN	MARK	WIDTH	LENGTH
1	4	RI-1	6'-0"	53'-0"

INSULATION: 3.00" Thick VR

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BUILDING SIZE: 50'X24'X16'

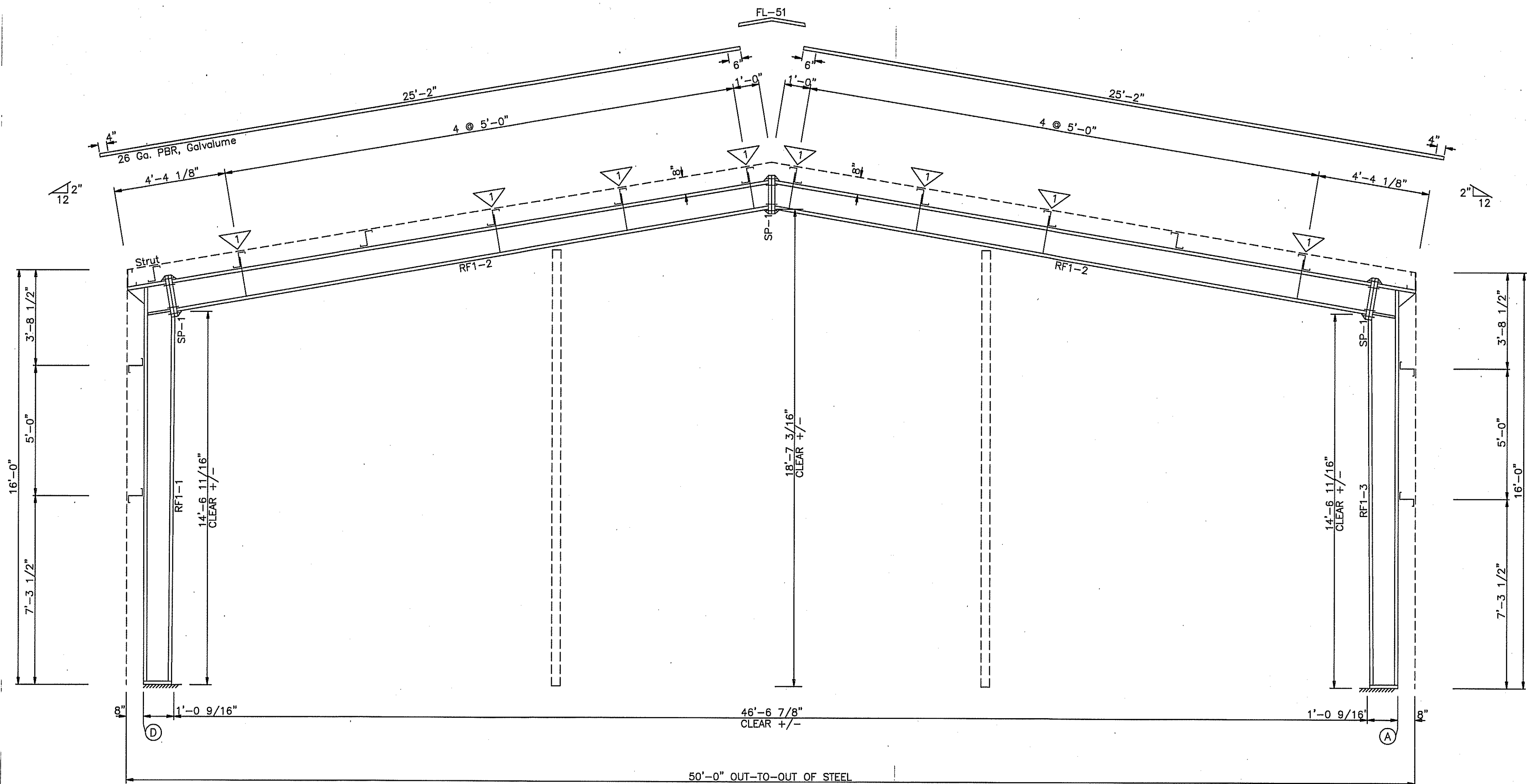
REVISION
DESCRIPTION

TITLE/LOCATION
PLUMB LEVEL CONSTRUCTION
LAKE CITY, FL.

PLAN:
ROOF INSULATION

JOB # 12529-RI
SHEET 9 OF 12

10-13-22



RIGID FRAME ELEVATION: FRAME LINE 1 2

MEMBER TABLE						
Mark	Weight	Web Depth Start/End	Web Plate Thick	Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF1-1	318	10.0/10.6	0.188	52.6	6 x 1/4" x 184.5	6 x 1/4" x 170.6
		10.6/12.1	0.188	118.0	6 x 1/4" x 17.9	
		12.1/ 9.5	0.313	15.5		
RF1-2	462	12.0/11.2	0.188	118.0	6 x 1/4" x 240.0	6 x 1/4" x 240.0
		11.2/10.3	0.188	118.0	6 x 1/4" x 44.7	6 x 1/4" x 43.0
		10.3/10.0	0.188	48.7		
RF1-3	315	9.5/12.1	0.313	15.5	6 x 1/4" x 17.9	6 x 1/4" x 170.6
		12.1/10.6	0.188	118.0	6 x 1/4" x 184.5	
		10.6/10.0	0.188	52.6		

FLANGE BRACE TABLE FRAME LINE 1 2							
▽ ID	#	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

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GENERAL NOTES:

BOLT TIGHTENING - ALL BOLTED JOINTS WITH A325-08 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)



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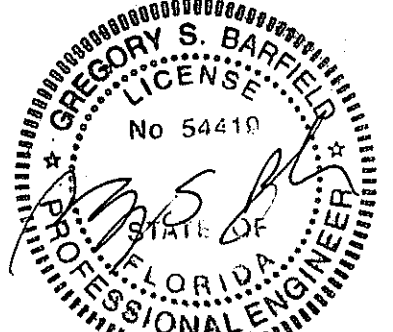
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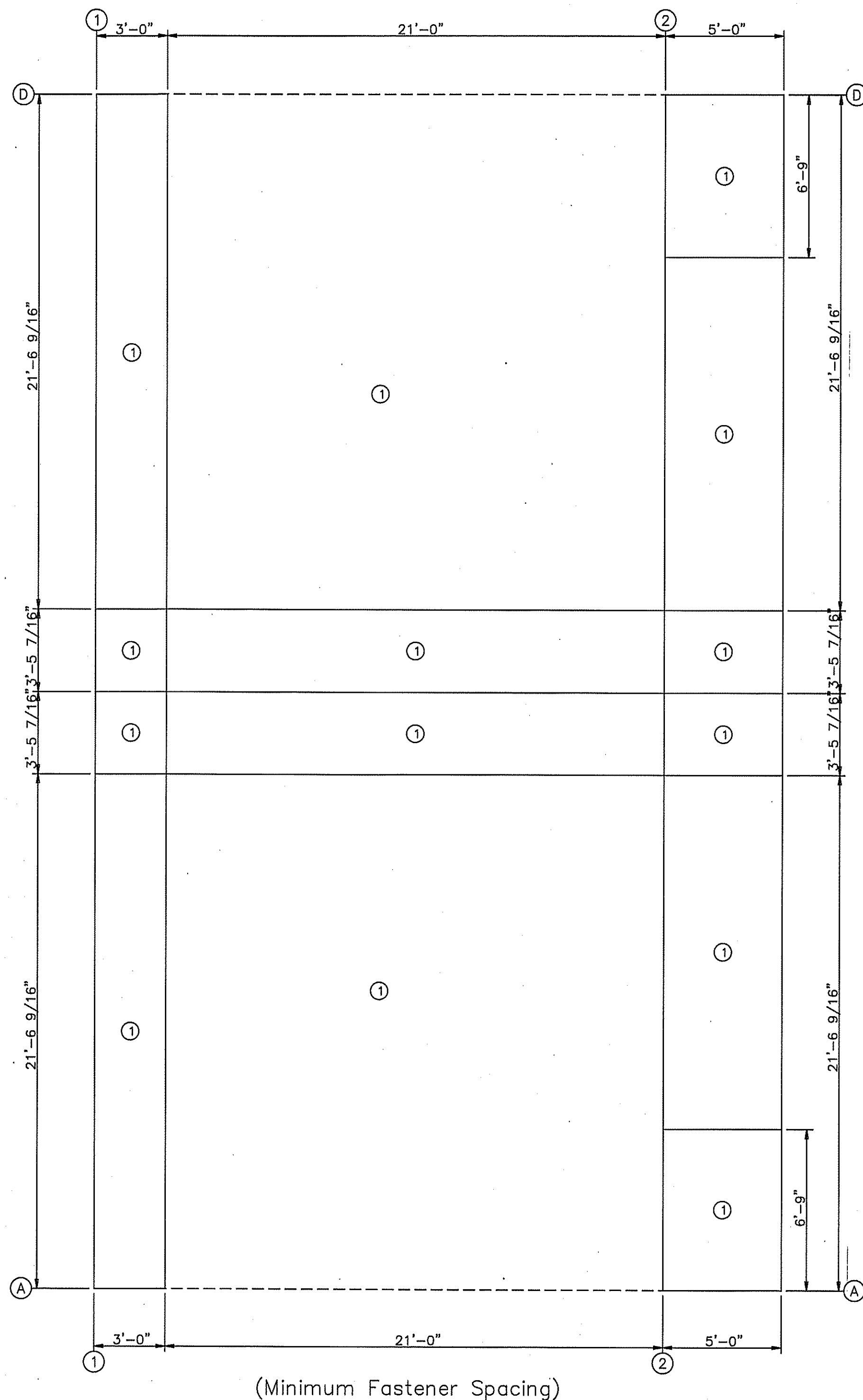
TITLE/LOCATION
PLUMB LEVEL CONSTRUCTION
LAKE CITY, FL.

PLAN:
CROSS SECTION

JOB # 12529-XS
SHEET 10 OF 12

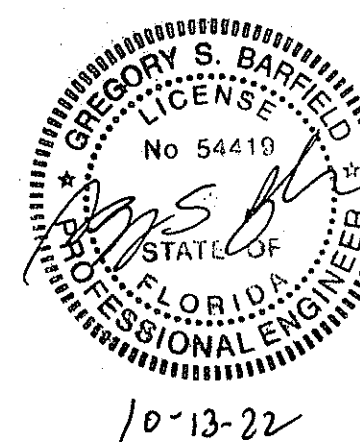


10-13-22



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

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TITLE/LOCATION

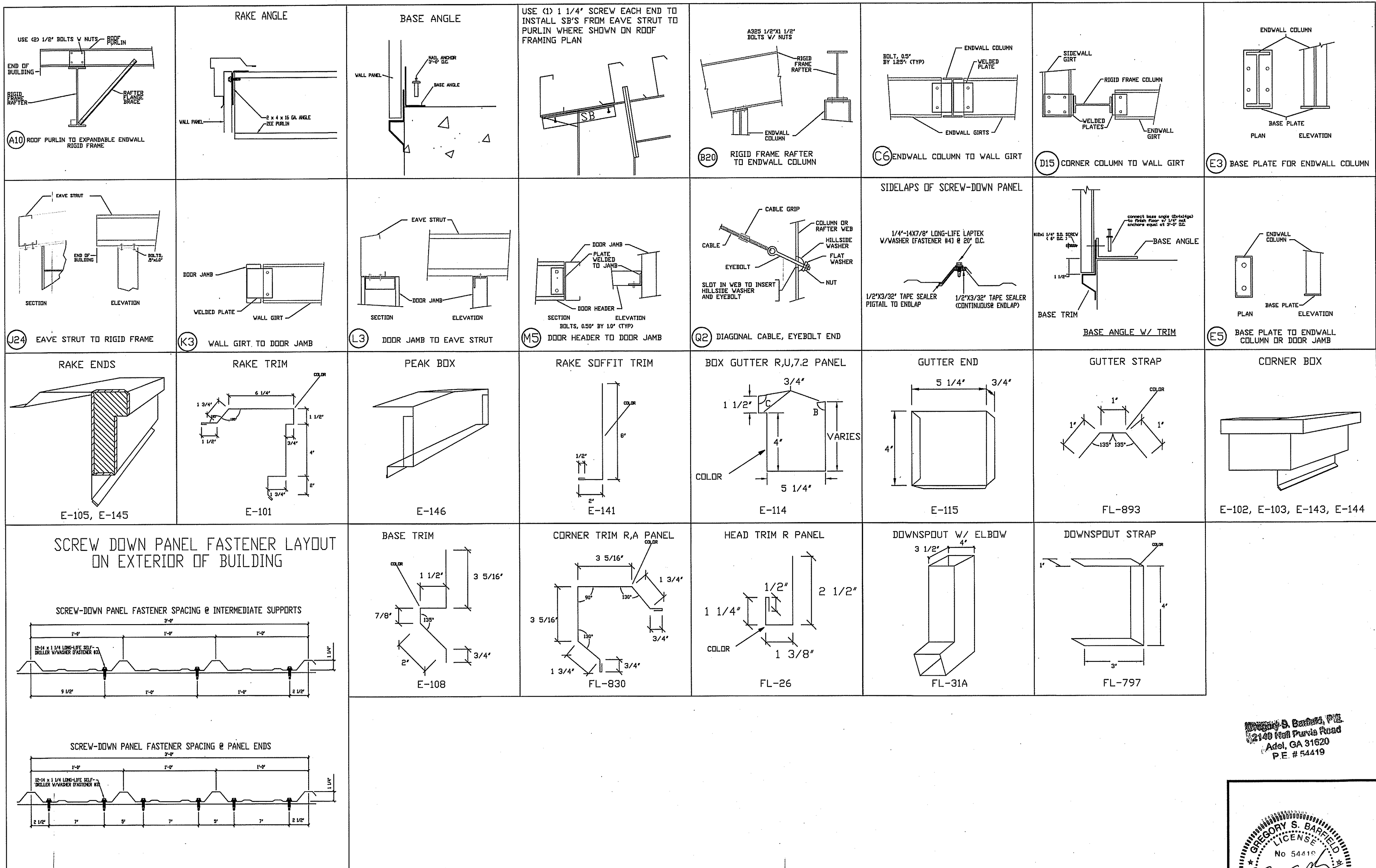
PLUMB LEVEL CONSTRUCTION
LAKE CITY, FL.

PLAN:

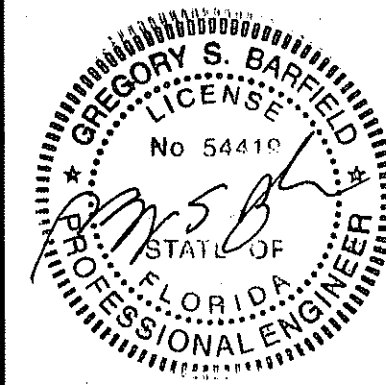
FASTENER LAYOUT

JOB # 12529-FL

SHEET 11 OF 12



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PLUMB LEVEL CONSTRUCTION
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PLAN:
DETAIL PAGE

JOB # 12529-DP
SHEET 12 OF 12

10-13-22