

GENERAL NOTES:

- MANUFACTURING AND FABRICATION PROCEDURES SHALL BE IN ACCORDANCE WITH S.B.I.'s STANDARD PRACTICES WHICH ARE BASED ON THE APPLICABLE SECTIONS RELATING TO DESIGN REQUIREMENTS, ALLOWABLE STRESSES, AND FABRICATION TOLERANCES PER THE LATEST EDITIONS OF 'MBMA-COMMON INDUSTRY PRACTICES' AND 'AISC CODE OF STANDARD PRACTICE' AND THE 'AWS STRUCTURAL WELDING CODES D1.1 & D1.3'
- | MATERIALS | ASTM DESIGNATION | MIN. YIELD |
|--------------------------------------|-------------------|-------------|
| HOT ROLLED SHAPES | A36 | Fy= 36 ksi |
| STRUCT. STEEL PLATE | A572 | Fy= 55 ksi |
| STRUCT. STEEL SHEET | A1011 (SS) | Fy= 55 ksi |
| FLANGE/END PLATE MATERIAL | A529 | Fy= 55 ksi |
| COLD FORM. LT. GA. SHAPES | A1011 (SS) | Fy= 55 ksi |
| ROOF SHEETING | A792 (SS) | Fy= 80 ksi |
| WALL SHEETING | A792 (SS) | Fy= 80 ksi |
| MACHINE BOLTS | A307 | Fy= 36 ksi |
| HIGH STR. BOLTS | F3125 (A325) | Fy= 120 ksi |
| ANCHOR BOLTS (if supplied) | A36 | Fy= 36 ksi |
| PIPE (Interior or posts) | A53, GRADE A or B | Fy= 30 ksi |
| RECTANGULAR TUBE (Interior or posts) | A500, GRADE B | Fy= 46 ksi |

- PRIMER**

SHOP PRIMER PAINT IS A RUST INHIBITIVE PRIMER WHICH MEETS OR EXCEEDS THE END PERFORMANCE OF FEDERAL SPECIFICATIONS TT-P-636c AND TT-P-664 AND IS A RED OXIDE PRIMER. THIS PRIMER IS NOT INTENDED FOR LONG TERM EXPOSURE TO THE ELEMENTS. S.B.I. IS NOT RESPONSIBLE FOR ANY DETERIORATION OF THE SHOP PRIMER AS A RESULT OF IMPROPER HANDLING AND/OR STORAGE. S.B.I. SHALL NOT BE RESPONSIBLE FOR ANY FIELD APPLIED PAINT AND/OR COATINGS. (Section 6.5 AISC Code of Standard Practice, 9th ED.)

- A325 BOLT TIGHTENING REQUIREMENTS**

ALL HIGH STRENGTH BOLTS ARE A325-N UNLESS SPECIFICALLY NOTED OTHERWISE. STRUCTURAL BOLTS SHALL BE TIGHTENED BY THE TURN OF NUT METHOD IN ACCORDANCE WITH THE 9th EDITION OF THE 'AISC STEEL CONSTRUCTION MANUAL'. A325 BOLTS ARE SUPPLIED WITHOUT WASHERS UNLESS NOTED OTHERWISE. UNLESS NOTED OTHERWISE, ALL BOLTED CONNECTIONS ARE DESIGNED AS BEARING TYPE CONNECTIONS WITH THE BOLT THREADS INCLUDED IN THE SHEAR PLANE.

- ERECTION NOTE: (ERECTION AND UNLOADING NOT BY S.B.I.)**

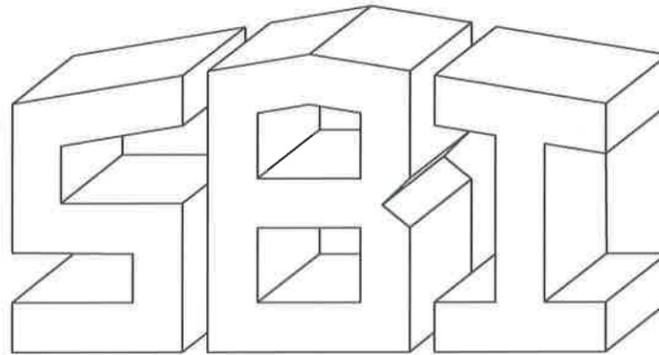
ALL BRACING SHOWN AND PROVIDED BY S.B.I. FOR THIS BUILDING IS REQUIRED AND SHALL BE INSTALLED BY THE ERECTOR AS A PERMANENT PART OF THE STRUCTURE. IF ADDITIONAL BRACING IS REQUIRED FOR STABILITY DURING ERECTION, IT SHALL BE THE ERECTOR'S RESPONSIBILITY TO DETERMINE THE AMOUNT OF SUCH BRACING AND TO PROCURE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

- SHORTAGES (SEE MBMA 5.2.1)**

THE QUANTITY OF CRATES AND STRUCTURAL ITEMS SHIPPED SHALL BE CHECKED AND ANY SHORTAGES OR OTHER DISCREPANCIES WITH RESPECT THERETO, SHALL BE REPORTED TO SBI ON THE DAY OF DELIVERY AND SUCH DISCREPANCY CONFIRMED IN WRITING WITHIN (7) SEVEN DAYS. WITH RESPECT TO ITEMS OR QUANTITIES WITHIN UNOPENED CRATES AND ANY LATENT DEFECTS, IT SHALL BE THE DUTY OF THE PURCHASER TO NOTIFY SBI ON THE DATE SUCH DEFECT OR SHORTAGE IS DISCOVERED AND CONFIRM SUCH NOTICE IN WRITING TO SBI WITHIN (7) DAYS THEREOF.

- CORRECTIONS OF ERRORS AND REPAIRS (SEE MBMA 6.10)**

CLAIMS FOR CORRECTION OF ALLEGED MISFITS WILL BE DISALLOWED UNLESS S.B.I. SHALL HAVE RECEIVED PRIOR NOTICE THEREOF AND ALLOWED REASONABLE INSPECTION OF SUCH MISFITS. THE CORRECTION OF MINOR MISFITS BY USE OF DRIFT PINS TO DRAW THE COMPONENTS INTO LINE, MODERATE AMOUNTS OF REAMING, SHIMMING, CHIPPING AND CUTTING, AND THE REPLACEMENT OF MINOR SHORTAGES OF MATERIAL ARE A NORMAL PART OF ERECTION AND ARE NOT SUBJECT TO CLAIM. NO PART OF THE BUILDING MAY BE RETURNED FOR ALLEGED MISFITS WITHOUT THE PRIOR APPROVAL OF S.B.I.



METAL BUILDINGS & COMPONENTS

114 Trooper Drive HOT SPRINGS, ARKANSAS 71913
 PH: (501) 262-0600, FAX: (501) 262-5107

BUILDING DATA:

- WIDTH (ft) = 73.08
- LENGTH (ft) = 53.17
- EAVE HEIGHT (ft) = 20.84
- ROOF SLOPE (rise/12") = 1 : 12
- SIDEWALL BAY SPACING = SEE PLANS
- LEFT ENDWALL BAY SP = SEE PLANS
- RIGHT ENDWALL BAY SP = SEE PLANS
- FR. SIDEWALL GIRT TYPE = Flush
- BK. SIDEWALL GIRT TYPE = Flush
- LT. ENDWALL GIRT TYPE = Flush
- RT. ENDWALL GIRT TYPE = Flush
- ROOF FRAMING = Bypass PURLINS
- ROOF PANEL TYPE = TSS-324
- ROOF PANEL GAUGE = 24 GA
- INTERIOR FRAMING = 2 single slope Rigid Frames, Clear Span

- DEAD LOAD (psf) = 2.000
- LIVE LOAD (psf) = 20.00
- REDUCTION ALLOWED = Yes
- ROOF SNOW LOAD (psf) = 7
- COLLATERAL LOAD (psf) = 5
- GOVERNING CODE = IBC 12
- WIND SPEED (mph) = 115
- CLOSURE = Closed
- WIND EXPOSURE = C
- WIND IMPORTANCE = 1.00
- SEISMIC SITE CLASS = D
- SEISMIC COEFF. Ss= 1.47 S1= 0.51
- SEISMIC IMPORTANCE = 1.00
- WALL GIRT, MAX. DEFL. L/span = 240
- ROOF PURLIN, L.L. DEFL. L/span = 240
- RIGID FRAME HORIZ. DEFL. H/span = 240



ENGINEERING CERTIFICATION:

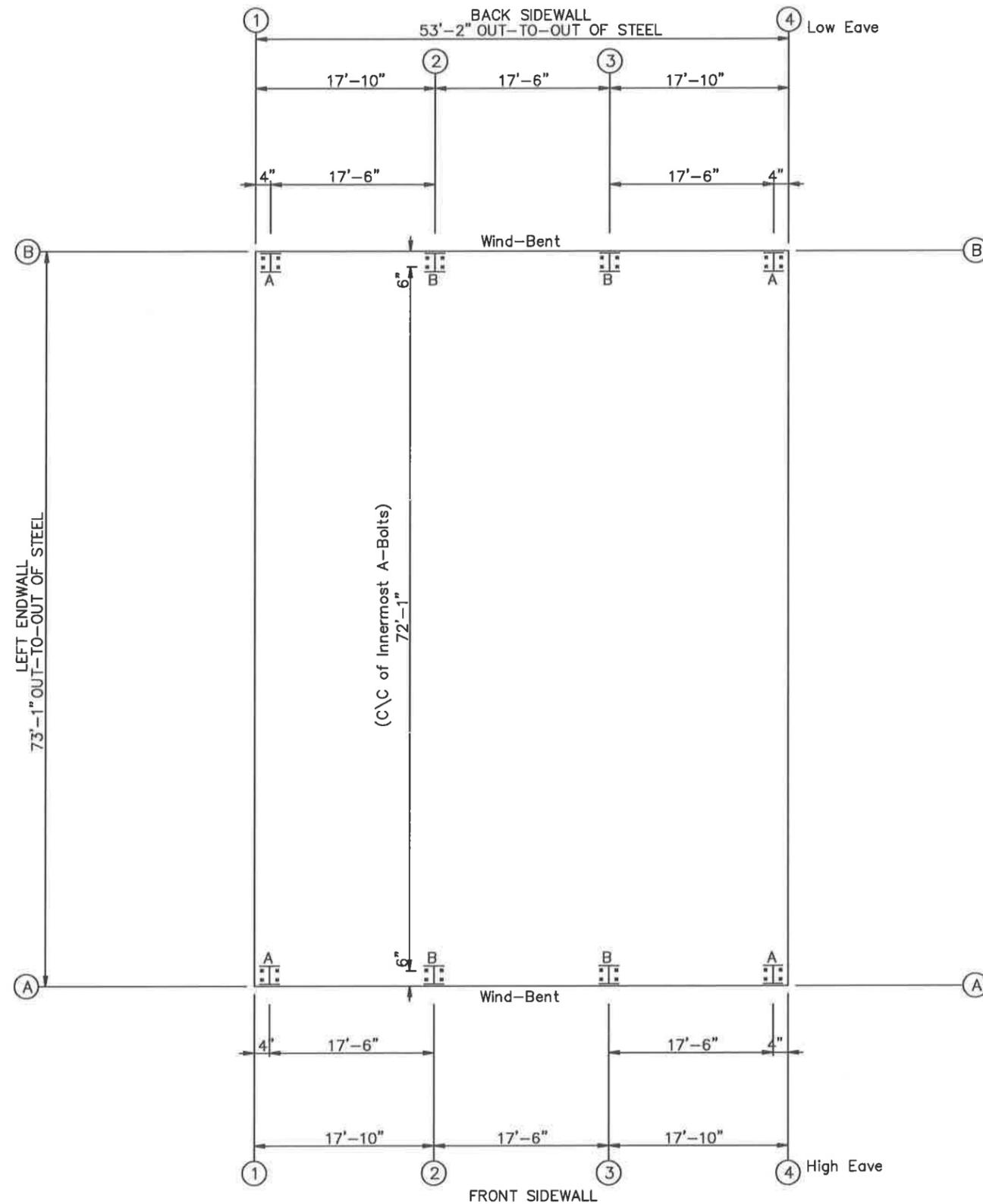
ISSUED FOR PERMIT USE

THESE DRAWINGS ARE SUBMITTED FOR PERMIT USE ONLY, AND ARE NOT DEEMED TO BE FINAL DRAWINGS. ONLY DRAWINGS ISSUED FOR CONSTRUCTION CAN BE CONSIDERED COMPLETE AND RELIED UPON FOR USE ON THE JOBSITE

BUYER/END USE CUSTOMER RESPONSIBILITIES

- It is the responsibility of the BUYER/END USER to obtain appropriate approvals and secure necessary permits for City, County, State, or Federal Agencies as required, and to advise/release S.B.I. to proceed to fabricate upon receiving such.
- S.B.I. Metal Buildings and Components standard specifications apply unless stipulated otherwise in the Contract Documents. S.B.I.'s design, fabrication, quality criteria, standards, practices, methods, and tolerances shall govern the work with any other Interpretations to the contrary notwithstanding. It is understood by both Parties that the BUYER/END USER is responsible for clarification of Inclusions or exclusions from the architectural plans and/or specifications.
- In case of discrepancies between S.B.I.'s structural steel plans and plans for other trades, S.B.I.'s plans shall govern. (Section 3, AISC Code of Standard Practices, 9th edition)
- Approval of S.B.I. drawings and calculations indicates that S.B.I. has correctly interpreted and applied the Contract Documents. This approval constitutes the contractor/owners acceptance of the S.B.I.'s design concepts, assumptions, and loading. (Section 4 AISC Code and MBMA 3.3.3)
- Once the BUYER/END USER has signed S.B.I.'s Approval Package and the project is released for fabrication, changes shall be billed to the BUYER/END USER including material, engineering, and other cost. An additional fee may be charged if the project must be moved from the fabrication and shipping sched..
- The BUYER/END USER is responsible for overall project coordination. All interface, compatibility, and design considerations concerning any materials not furnished by S.B.I. are to be considered and coordinated by the BUYER/END USER. Specific design criteria concerning this interface between materials must be furnished before release for fabrication or S.B.I.'s assumptions will govern. (Section 4 and Commentary, AISC)
- It is the responsibility of the BUYER/END USER to insure that S.B.I.'s plans 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 S.B.I. 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 S.B.I.
- The BUYER/END USER is responsible for setting of anchor bolts and erection of steel in accordance with S.B.I.'s 'FOR CONSTRUCTION' drawings only. Temporary supports such as guys, braces, falsework, cribbing or other elements required for the erection operation shall be determined and furnished and installed by the erector. No items should be purchased from a preliminary set of drawings, including anchor bolts. Use only final 'FOR CONSTRUCTION' drawings for this use. (Section 7 AISC Code)
- S.B.I. is responsible for the design of the anchor bolt to permit the transfer of forces between the base plate and the 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 Documents, S.B.I. does not design and is not responsible for the design, material and construction of the foundation or foundation embedments. The BUYER/END USER 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. It is recommended that the anchorage and foundation of the building be designed by a Registered Professional Engineer experienced in the design of such structures. (Section 3.2.2 MBMA Low Rise Building Systems Manual)
- 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 the foregoing means or which require major changes in member design are to be reported immediately to S.B.I. by the BUYER/END USER, 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 6-10 MBMA Manual)
- Neither the fabricator nor the BUYER/END USER will cut, drill, or otherwise alter his work, or the work of other trades, to accommodate other trades, unless such work is clearly specified in the contract documents. Whenever such work is specified, the BUYER/END USER is responsible for furnishing complete information as to materials, size, location, and number of alterations prior to preparation of shop drawings. (Section 7 'AISC Code, MBMA Manual Section 8.6)
- WARNING: In no case should Aluminized Zinc steel panels be used in conjunction with lead or copper. Run-off from these materials are highly corrosive to the Aluminum Zinc coatings.
- SAFETY COMMITMENT: S.B.I. has a commitment to manufacture quality building components that can be safely erected. However, the safety commitment and job site practices of the erector are beyond the control of S.B.I.. It is strongly recommended that safe working conditions and accident prevention practices be the top priority of any job site. Make sure that all Local, State, and Federal safety and health standards are always followed. Insure that employees are aware and trained in emergency procedures.
- Please note OSHA now requires the first girt placed in all lapping conditions be firmly attached prior to placing the second lapped girt.

PROJECT: OFFICE SHELL	BLDG SIZE: 73.08' x 53.17' x 14.75' x 20.84'	JOB NUMBER: SBI25971
PARKER & HARRISBURG JONESBORO, AR	DESIGN: PP	DRAWN: SP
CUSTOMER: DS MURPHY CONSTRUCTION	DATE: 9/13/17	CHECK: ACCT# 12249
DWG NAME: DRAWINGS COVER PAGE	SCALE: NONE	REV. NO: DRAWING NUMBER
		SHEET 1 OF 13



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



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CONCRETE LINE
 STEEL LINE
 PROJ

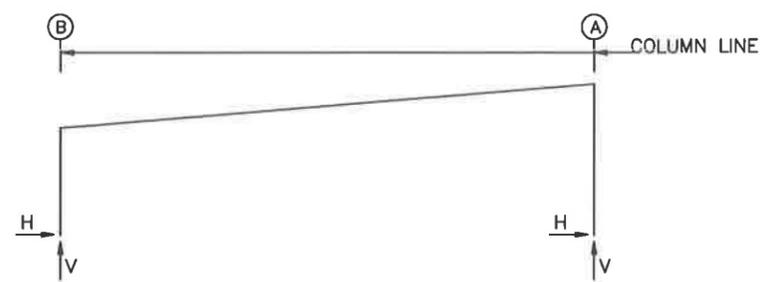
STANDARD CONCRETE ANCHOR BOLT PROJECTION

NOTE:
 All dimensions shown on plans are from metal building steel line.

If any other wall system is used other than SBI'S standard wall sheeting screwing directly to metal building girts; the detail shown will be void and any end of slab dimensions or notch dimensions are to be determined by contractor.

 114 TROOPER DRIVE HOT SPRINGS, ARKANSAS 71913 PH: (501) 262-0600, FAX: (501) 262-5107	PROJECT: OFFICE SHELL	BLDG SIZE: 73.08' x 53.17' x 14.75' x 20.84'	JOB NUMBER
	PARKER & HARRISBURG JONESBORO, AR	DESIGN: SP	SBI25971
	CUSTOMER: DS MURPHY CONSTRUCTION	DATE: 9/13/17	CHECK:
	DWG NAME: ANCHOR BOLT PLAN & DETAILS	SCALE: NONE	REV. NO:
			DRAWING NUMBER
			SHEET 2 OF 13

FRAME LINES: 1 2 3 4



SUGGESTED ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)	Type	Total Len (in)	Bend Len (in)	Proj (in)
32	Frame	3/4"	A307	18.0	3.00	2.50

GENERAL NOTES

- METAL BUILDING MANUFACTURER ASSUMES NO RESPONSIBILITY OR LIABILITY FOR FOUNDATION DESIGN OR CONSTRUCTION.
- THE FOUNDATION DESIGN SHOULD BE DONE WITH DUE REGARD TO EXISTING SOILS CONDITIONS FOR THE DESIGN LOADS AT THE ACTUAL JOB SITE.
- ANCHOR BOLT DIAMETERS WERE DETERMINED BY THE AISC ALLOWABLE SHEAR-TENSION METHOD USING (Fy = 36 ksi)
- ANCHOR BOLT LENGTH & METHOD OF TRANSFER OF FORCES FROM ANCHOR BOLTS TO THE FOUNDATION ARE TO BE DETERMINED BY OTHERS. IT IS RECOMMENDED THAT AN EXPERIENCED DESIGN PROFESSIONAL DETERMINE THIS METHOD.
- BOTTOMS OF ALL BASE PLATES ARE AT THE SAME ELEVATION UNLESS NOTED.
- ANCHOR BOLTS ARE NOT SUPPLIED BY THE METAL BUILDING MANUFACTURER.
- IT IS THE RESPONSIBILITY OF THE ERECTOR TO PROVIDE FOR ALL TEMPORARY BRACING AS WELL AS A PLAN FOR INSTALLING IT. THIS INCLUDES SIZES, TYPE, LOCATION, AND QUANTITY.

NOTES FOR REACTIONS

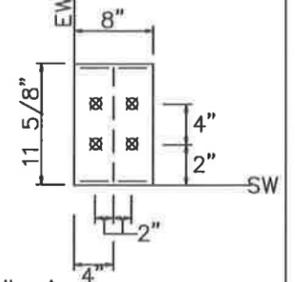
Building reactions are based on the following building data:

Width (ft)	=	73.1
Length (ft)	=	53.2
Eave Height (ft)	=	14.8/ 20.8
Roof Slope (rise/12)	=	1.0
Dead Load (psf)	=	2.0
Collateral Load (psf)	=	5.0
Roof Live Load (psf)	=	20.0
Frame Live Load (psf)	=	12.0
Snow Load (psf)	=	7.0
Wind Speed (mph)	=	115.0
Wind Code	=	IBC 12
Exposure	=	C
Closed/Open	=	C
Importance Wind	=	1.00
Importance Seismic	=	1.00
Seismic Zone	=	D
Seismic Coeff (Fa*Ss)	=	1.47

ID Description

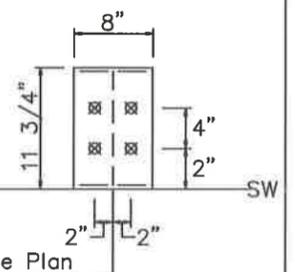
1	Dead+Collateral+Snow+Snow_Drift
2	Dead+Collateral+0.75Snow+0.45Wind_Right2+0.75Snow_Drift
3	0.6Dead+0.6Wind_Left1
4	0.6Dead+0.6Wind_Right1
5	0.6Dead+0.6Wind_Long2L
6	0.6Dead+0.6Wind_Long2R
7	1.1Dead+1.1Collateral+0.75Live+0.53Seismic_Left
8	1.1Dead+1.1Collateral+0.75Live+0.53Seismic_Right
9	1.1Dead+1.1Collateral+0.75Live+0.53Seismic_LongR

Dia= 3/4"



DETAIL A

Dia= 3/4"



DETAIL B

RIGID FRAME: MAXIMUM REACTIONS

Frm Line	Col Line	Column_Reactions(k)					
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin
1*	B	2	5.7	8.9	3	-4.2	-5.6
		1	5.7	11.2			
1*	A	4	3.1	-3.0	1	-5.7	11.5
		1	-5.7	11.5	6	2.2	-5.1

1* Frame lines: 1 4

RIGID FRAME: MAXIMUM REACTIONS

Frm Line	Col Line	Column_Reactions(k)					
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin
2*	B	8	8.4	14.8	3	-6.2	-8.3
		9	6.7	17.4	5	-1.9	-9.8
2*	A	4	4.4	-4.9	7	-7.6	15.3
		9	-6.7	19.5	5	2.3	-11.9

2* Frame lines: 2 3

BUILDING BRACING REACTIONS

Wall Loc	Col Line	± Reactions(k)				Panel_Shear (lb/ft)		Note
		Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Wind	Seis	
L_EW	1							(h)
F_SW	A, 2,3	3.3	7.8	3.0	7.0			(b)
R_EW	4							(h)
B_SW	B, 2,3	2.9	4.4	3.0	4.5			(b)

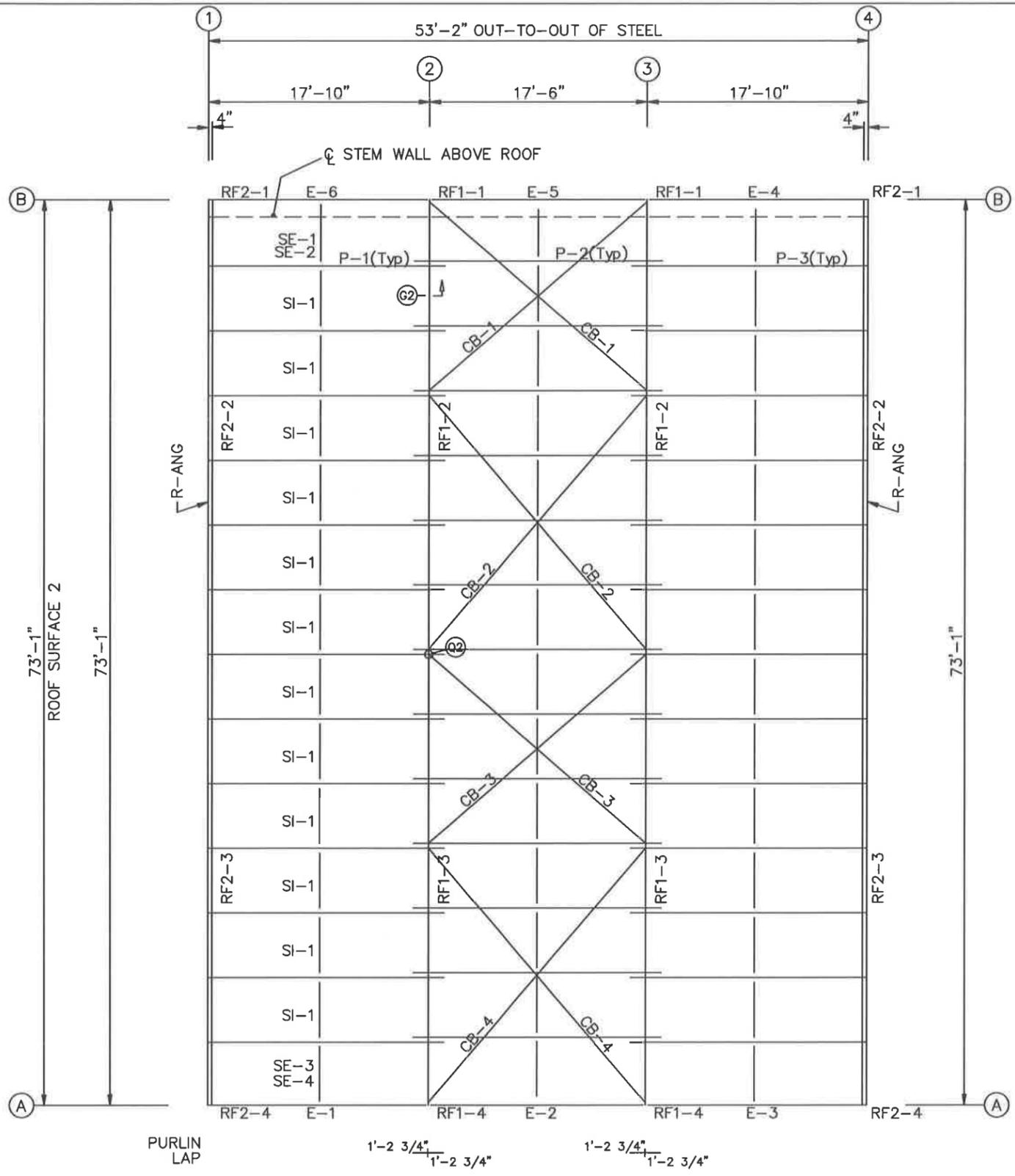
(b) Wind bent in bay, base above finish floor
(h) Rigid frame at endwall



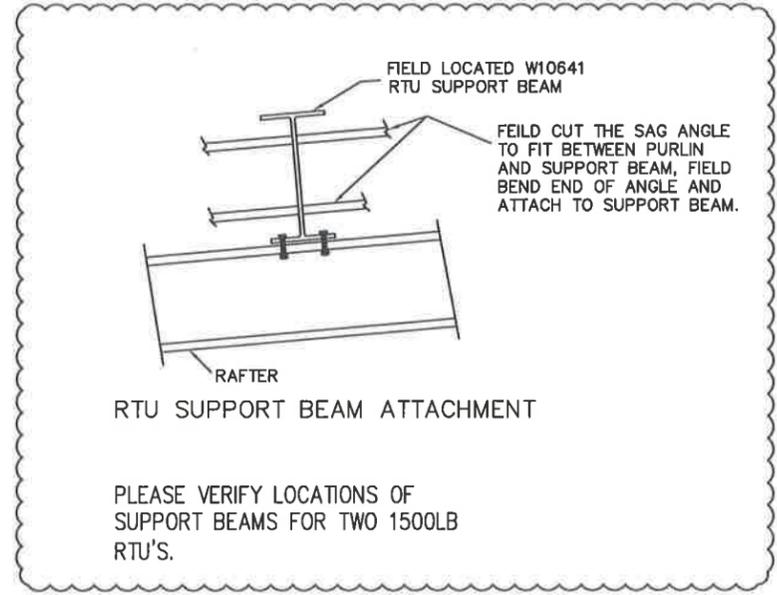
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 METAL BUILDINGS & COMPONENTS 114 TROOPER DRIVE HOT SPRINGS, ARKANSAS 71913 PH: (501) 262-0600, FAX: (501) 262-5107	PROJECT: OFFICE SHELL	BLDG SIZE: 73.08' x 53.17' x 14.75' x 20.84'	JOB NUMBER
	PARKER & HARRISBURG JONESBORO, AR	DESIGN: DATE: 9/13/17	DRAWN: SP
	CUSTOMER: DS MURPHY CONSTRUCTION	SCALE: NONE	CHECK: REV. NO:
	DWG NAME: ANCHOR BOLT DETAILS & REACTIONS		



ROOF FRAMING PLAN



PLEASE VERIFY LOCATIONS OF SUPPORT BEAMS FOR TWO 1500LB RTU'S.



ROOF SHEETING
PANELS: 24 Ga. TS Galvalume

- GENERAL NOTES:**
CONSTRUCTION NOTES FOR THE ROOF DRAWING.
- If the purlins have a triangle punched in the web, this designates the wider flange, and should be facing in opposite directions at each adjacent bay. (arrow up, arrow down, arrow up, etc.)
 - All purlins are bolted in place with (2) 1/2"x1-1/4" A307 bolts on a diagonal pattern at the clip and (2) 1/2"x1-1/4" A307 bolts at each end of the lap (6-bolts total per connection see detail drawings)
 - Eave struts are bolted with (2) 1/2"x1-1/4" A307 bolts at each end, also supplied are eave strut cover angles to fit on top of the joint between the struts to close off the gap and eliminate light penetration.
 - If sag angle is shown on this plan, secure in place by bending tabs over as shown in detail drawings. Note: PBR panels only require one run of sag angle in bottom set of slots, Standing Seam panels require double runs of sag angle, the purlins are always provided with a (4) slot pattern alternate left to right at each adjacent purlin space.
 - Roof sheeting should be installed with the correct laps, overhangs, and screw patterns as shown in the detail drawings.
 - It is the responsibility of the erector to provide all temporary bracing as well as a plan for installing and securing it. This includes size, type, location, and quantity.
 - Hanging loads suspended from purlins shall be attached to the purlin webs so as to prevent distortion of the purlin flanges. Hanging loads shall not be attached to the lips of the purlins. Any attachment that is not made directly to the purlin web shall be submitted to SBI for review. In no case shall the load applied to a single purlin exceed 150 lb.

MEMBER TABLE				
FRAME LINE				
QTY	MARK	PART	LENGTH	
13	P-1	10X25Z14	19'-0 1/2"	
13	P-2	10X25Z14	19'-11 1/2"	
13	P-3	10X25Z14	19'-0 1/2"	
1	E-1	10E14V	17'-9 1/2"	
1	E-2	10E14V	17'-5 1/2"	
1	E-3	10E14V	17'-9 1/2"	
1	E-4	10E14.1	17'-9 1/2"	
1	E-5	10E14.1	17'-5 1/2"	
1	E-6	10E14.1	17'-9 1/2"	
2	CB-1	HW-375	23'-5 1/2"	
2	CB-2	HW-374	26'-11 1/2"	
2	CB-3	HW-374	23'-3 3/4"	
2	CB-4	HW-375	27'-1 1/2"	
36	SI-1	Int-Ang	5'-4 7/8"	
3	SE-1	Ev-Ang	4'-1 7/8"	
3	SE-2	Ev-Ang	4'-2 3/4"	
3	SE-3	Ev-Ang	4'-1 7/8"	
3	SE-4	Ev-Ang	4'-2 3/4"	

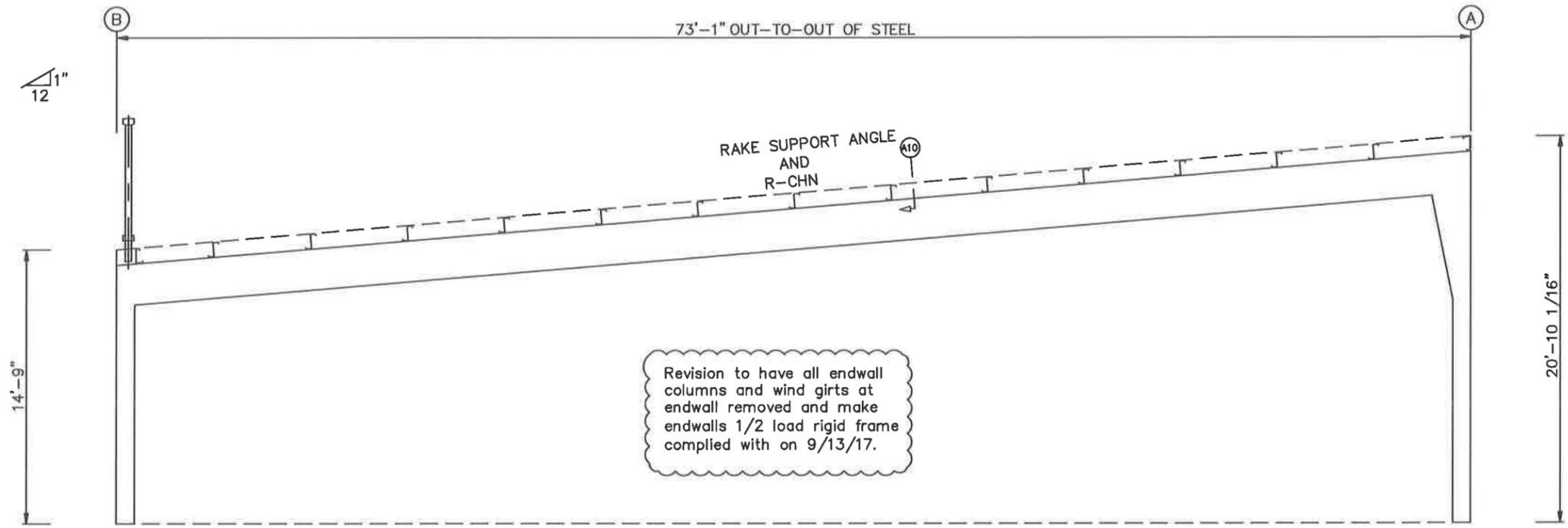


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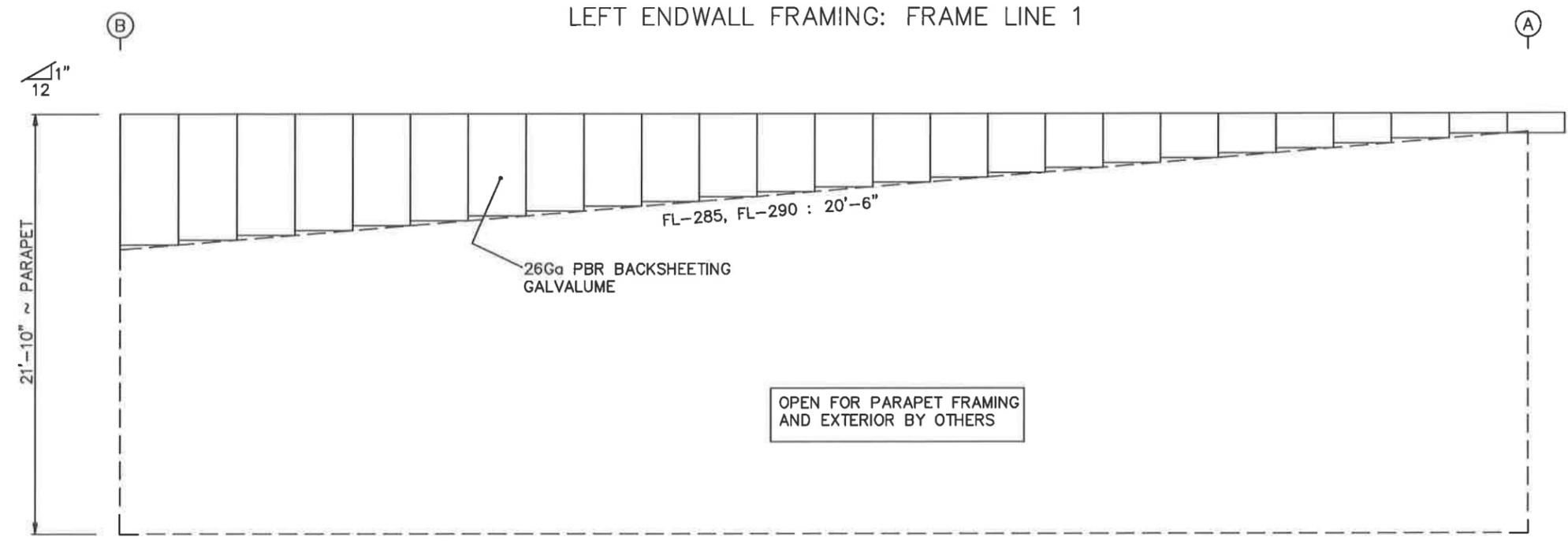
 114 TROOPER DRIVE HOT SPRINGS, ARKANSAS 71913 PH: (501) 262-0600, FAX: (501) 262-5107	PROJECT: OFFICE SHELL	BLDG SIZE: 73.08' x 53.17' x 14.75' x 20.84'	JOB NUMBER
	PARKER & HARRISBURG JONESBORO, AR	DESIGN: SP	SBI25971
	CUSTOMER: DS MURPHY CONSTRUCTION	DATE: 9/13/17	CHECK:
	DWG NAME: ROOF FRAMING	SCALE: NONE	REV. NO:
			DRAWING NUMBER
			SHEET 4 OF 13

TRIM TABLE		
FRAME LINE 1		
ØID MARK	LENGTH	DETAIL
FL-285	20'-6"	DA



Revision to have all endwall columns and wind girts at endwall removed and make endwalls 1/2 load rigid frame complied with on 9/13/17.

LEFT ENDWALL FRAMING: FRAME LINE 1



OPEN FOR PARAPET FRAMING AND EXTERIOR BY OTHERS

LEFT ENDWALL SHEETING & TRIM: FRAME LINE 1



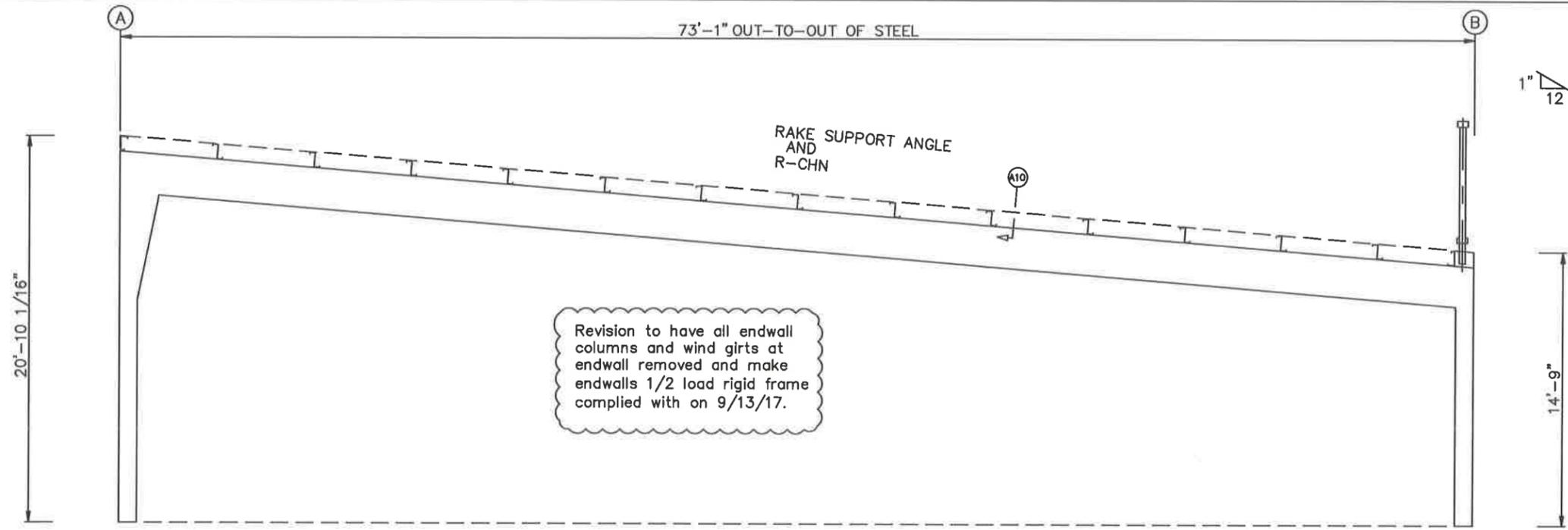
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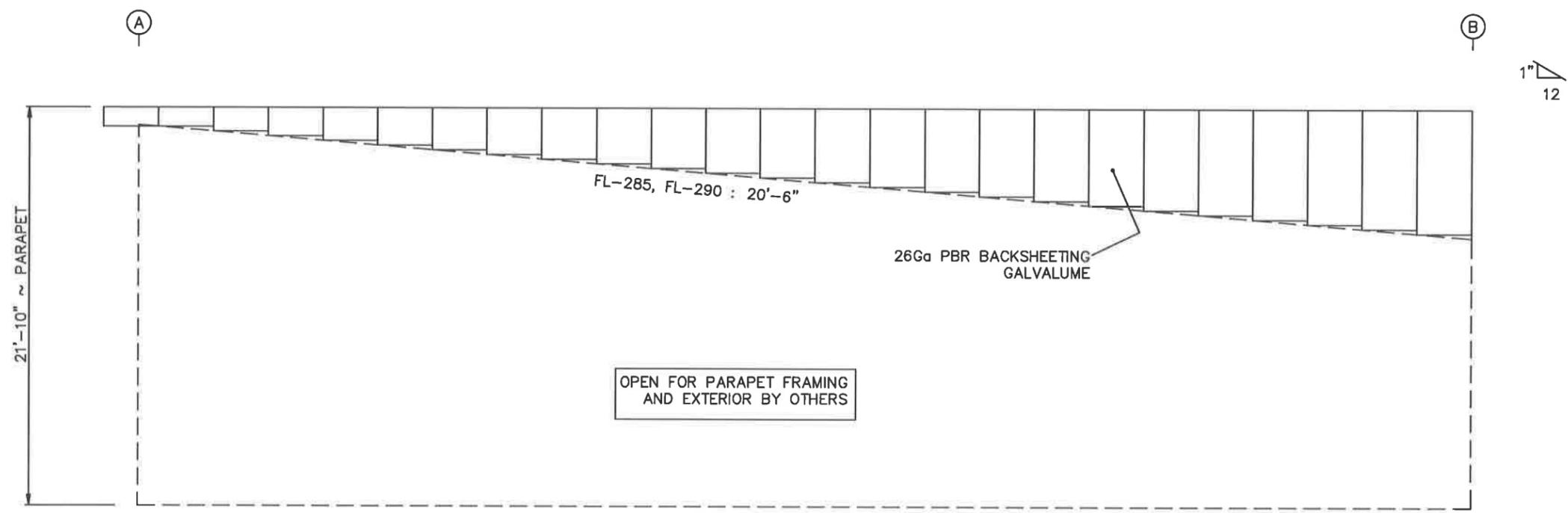
- GENERAL NOTES:**
1. Sheets on buildings with roof slopes greater than 1-1/4"/12" must be field cut to cope with slope of roof.
 2. Screw patterns for sheeting shall be to use 3ea screws at the bottom, top, and at each girt. Space these screws equally at about 1" off of each panel rib. Lap screws should be placed at bottom, top, each girt, two (2) equally spaced between base and first girt, and one (1) at the midpoint between all other girts. Tek5 Drillers are supplied as needed for non secondary steel.
 3. Man doors are to be field located per customer and contractor shall install door frame stiffener angles on the back of each 'lock-side' of jambs at approx. 3'-4' up on frames down to base angle (channel) at 30-45deg. SBI will supply extra base angle for contractor to field cut as needed.
 4. All girts are bolted in place with (2) 1/2"x1-1/4" A307 bolts on a diagonal pattern at the clip and (2) 1/2"x1-1/4" A307 bolts at each end of the lap (6-bolts total per connection see detail drawings)
 5. It is the responsibility of the erector to provide all temporary bracing and a plan for installing it. This includes size, type, location, and qty.

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	PARKER & HARRISBURG JONESBORO, AR	DESIGN: SP	SBI25971
	CUSTOMER: DS MURPHY CONSTRUCTION	DATE: 9/13/17	CHECK:
	DWG NAME: ENDWALL FRAMING	SCALE: NONE	REV. NO: A 9/13/17
			DRAWING NUMBER
			SHEET 5 OF 13

TRIM TABLE			
◇ PART	LENGTH	DETAIL	
FL-285	20'-6"	DA	



RIGHT ENDWALL FRAMING: FRAME LINE 4



LEFT ENDWALL SHEETING & TRIM: FRAME LINE 4



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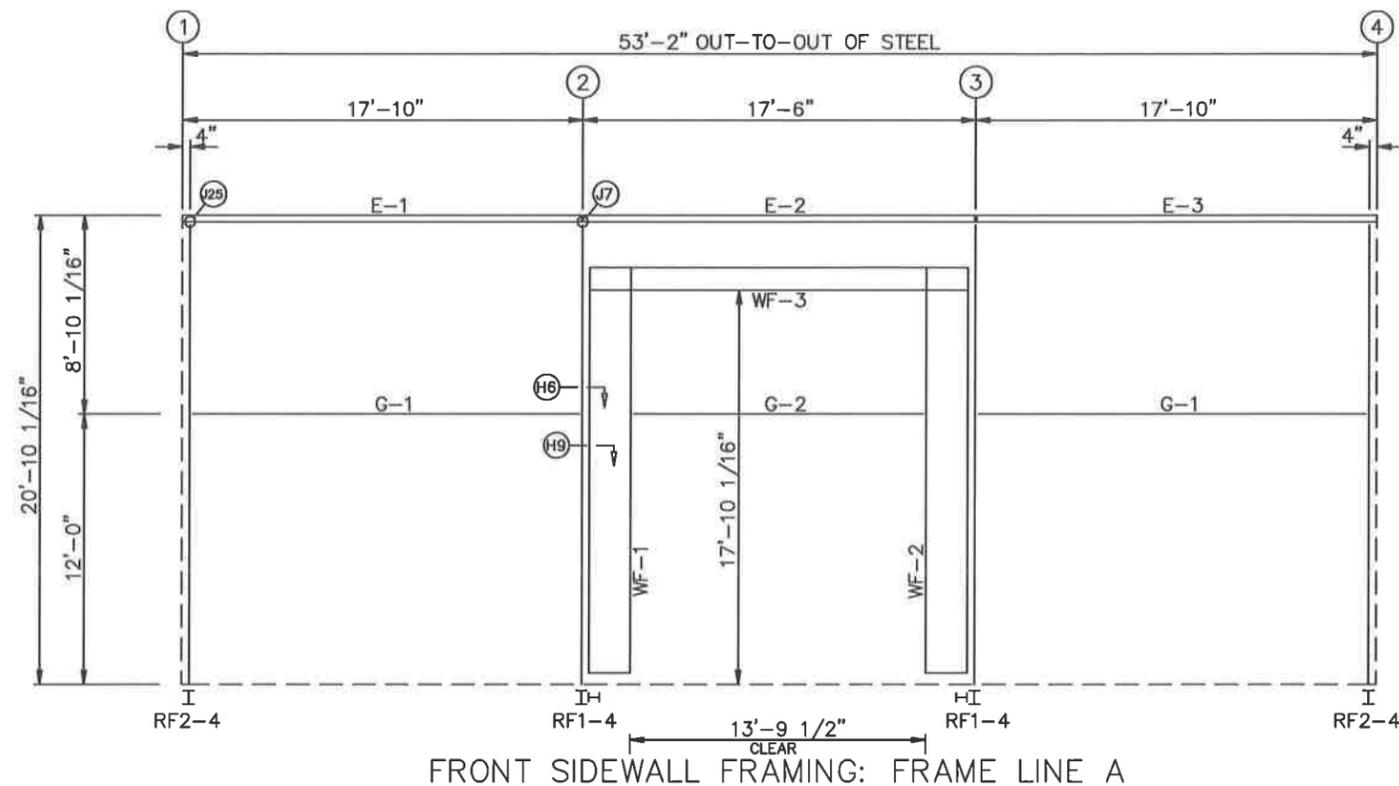
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GENERAL NOTES:

1. Sheets on buildings with roof slopes greater than 1-1/4"/12" must be field cut to cope with slope of roof.
2. Screw patterns for sheeting shall be to use 3ea screws at the bottom, top, and at each girt. Space these screws equally at about 1" off of each panel rib. Lap screws should be placed at bottom, top, each girt, two (2) equally spaced between base and first girt, and one (1) at the midpoint between all other girts. Tek5 Drillers are supplied as needed for non secondary steel.
3. Man doors are to be field located per customer and contractor shall install door frame stiffener angles on the back of each 'lock-side' of jambs at at approx. 3'-4' up on frames down to base angle (channel) at 30-45deg. SBI will supply extra base angle for contractor to field cut as needed.
4. All girts are bolted in place with (2) 1/2"x1-1/4" A307 bolts on a diagonal pattern at the clip and (2) 1/2"x1-1/4" A307 bolts at each end of the lap (6-bolts total per connection see detail drawings)
5. It is the responsibility of the erector to provide all temporary bracing and a plan for installing it. This includes size, type, location, and qty.

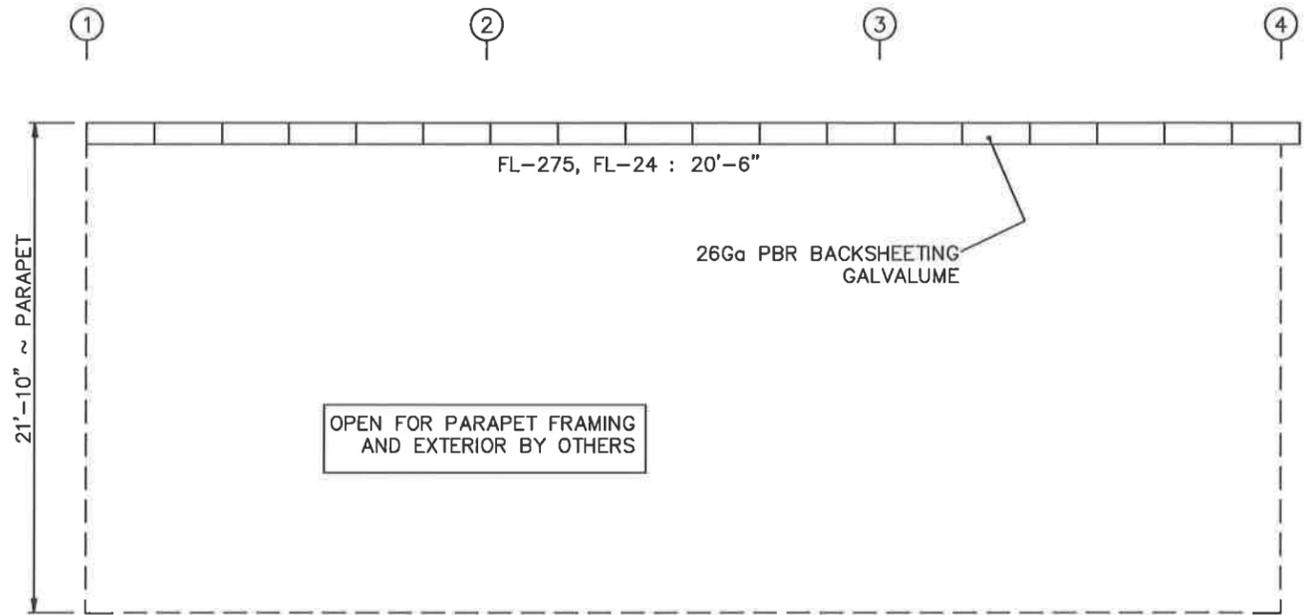
SBI
METAL BUILDINGS & COMPONENTS
 114 TROOPER DRIVE
 HOT SPRINGS, ARKANSAS 71913
 PH: (501) 262-0600, FAX: (501) 262-5107

PROJECT: OFFICE SHELL	BLDG SIZE: 73.08' x 53.17' x 14.75' x 20.84'	JOB NUMBER: SBI25971
PARKER & HARRISBURG JONESBORO, AR	DESIGN: DATE: 9/13/17	DRAWN: SP
CUSTOMER: DS MURPHY CONSTRUCTION	CHECK: DATE: 9/13/17	DRAWING NUMBER
DWG NAME: ENDWALL FRAMING	SCALE: NONE	REV. NO: 9/13/17
		SHEET 6 OF 13



FRONT SIDEWALL FRAMING: FRAME LINE A

Revision to have low sidewall cables removed and replaced with portal frame complied with on 9/13/17.



FRONT SIDEWALL SHEETING & TRIM: FRAME LINE A

BOLT TABLE				
FRAME LINE A				
LOCATION	QUAN	TYPE	DIA	LENGTH
WF-1 - WF-3	8	A325	1"	3"
WF-2 - WF-3	8	A325	1"	3"
WF-1 - RF1-4	10	A325	3/4"	1 1/2"
WF-2 - RF1-4	10	A325	3/4"	1 1/2"

TRIM TABLE		
FRAME LINE A		
QID	MARK	LENGTH
	FL-275	20'-6"

MEMBER TABLE			
FRAME LINE A			
QTY	MARK	PART	LENGTH
1	WF-1	W22643	18'-4 1/16"
1	WF-2	W22643	18'-4 1/16"
1	WF-3	W12651	13'-8 1/2"
1	E-1	10E14V	17'-9 1/2"
1	E-2	10E14V	17'-5 1/2"
1	E-3	10E14V	17'-9 1/2"
2	G-1	08x50d16	16'-9 1/2"
1	G-2	08x50d16	13'-9 1/4"

- GENERAL NOTES:**
- Screw patterns for sheeting shall be to use 3ea screws at the bottom, top, and at each girt. Space these screws equally at about 1" off of each panel rib. Lap screws should be placed at bottom, top, each girt, two (2) equally spaced between base and first girt, and one (1) at the midpoint between all other girts. Tek5 Drillers are supplied as needed for non secondary steel.
 - Cut sheets as needed to cope to framed openings.
 - Man doors are to be field located per customer and contractor shall install door frame stiffener angles on the back of each 'lock-side' of jambs at approx. 3'-4' up on frames, down to the base angle (channel) at 30-45 deg. SBI will supply extra base angle for contractor to field cut as needed.
 - All girts are bolted in place with (2) 1/2"x1-1/4" A307 bolts on a diagonal pattern at the clip and (2) 1/2"x1-1/4" A307 bolts at each end of the lap (6-bolts total per connection see detail drawings)
 - It is the erectors responsibility to provide all temporary bracing and a plan for installing it. This includes sizes, types, location and quantity.

SBI
 METAL BUILDINGS & COMPONENTS
 114 TROOPER DRIVE
 HOT SPRINGS, ARKANSAS 71913
 PH: (501) 262-0600, FAX: (501) 262-5107

PROJECT: OFFICE SHELL	BLDG SIZE: 73.08' x 53.17' x 14.75' x 20.84'	JOB NUMBER
PARKER & HARRISBURG JONESBORO, AR	DESIGN: DRAWN: SP	SBI25971
CUSTOMER: DS MURPHY CONSTRUCTION	DATE: 9/13/17 CHECK:	
DWG NAME: SIDEWALL FRAMING	SCALE: NONE REV. NO: 9/13/17	DRAWING NUMBER
		SHEET 7 OF 13



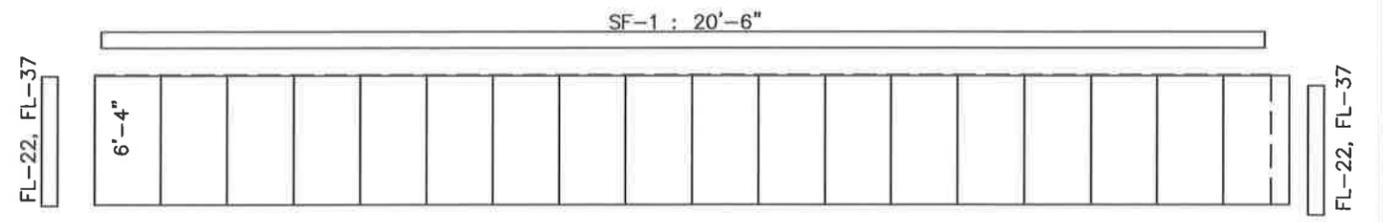
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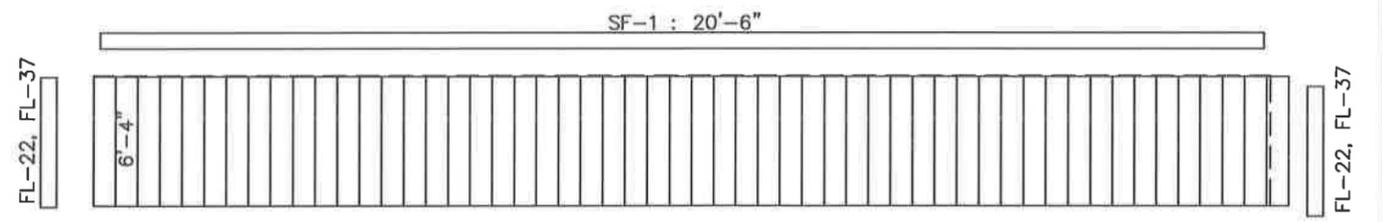
BOLT TABLE FRAME LINE B				
LOCATION	QUAN	TYPE	DIA	LENGTH
EB-2	4	A325	3/4"	1 1/2"
EB-3	4	A325	1"	2 1/2"
EB-4	4	A325	3/4"	1 1/2"
WF-4 - WF-6	8	A325	3/4"	2 1/4"
WF-5 - WF-6	8	A325	3/4"	2 1/4"
WF-4 - RF1-1	8	A325	3/4"	1 1/2"
WF-5 - RF1-1	8	A325	3/4"	1 1/2"

MEMBER TABLE FRAME LINE B			
QTY	MARK	PART	LENGTH
1	WF-4	W12641	12'-3"
1	WF-5	W12641	12'-3"
1	WF-6	W12651	15'-4 3/4"
2	EB-1	08X02X16	7'-7"
2	EB-3	P06X19	7'-11 1/16"
2	G-1	08x50d16	16'-9 1/2"
3	G-3	08X25C14	16'-10"
4	G-4	08X25C16	17'-9 1/2"
1	G-5	08x50d16	17'-5 1/2"
2	G-6	08X25C16	17'-5 1/2"

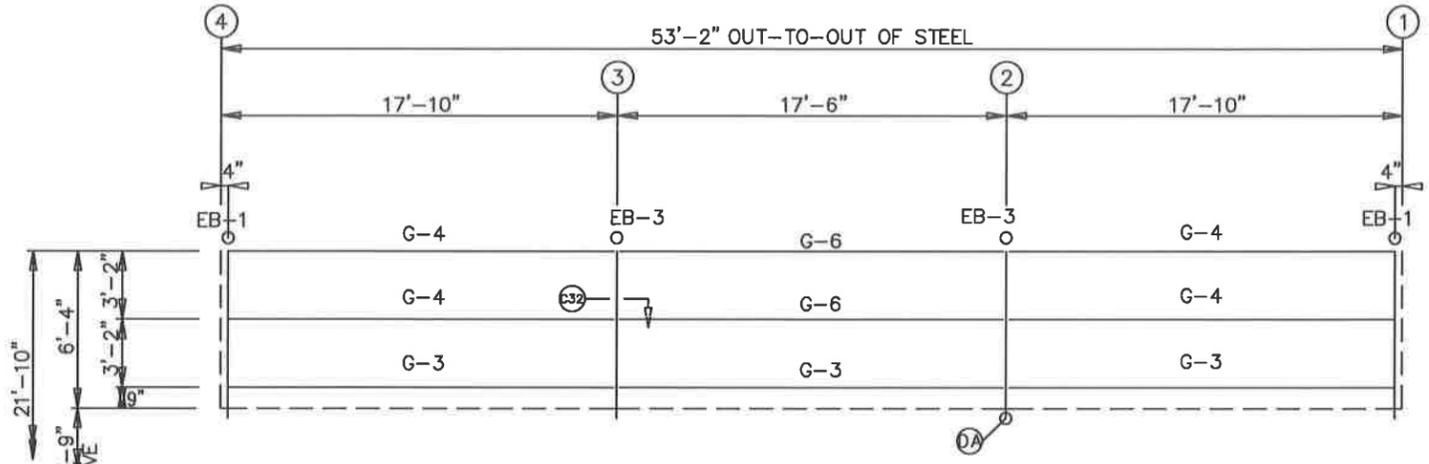
TRIM TABLE FRAME LINE B			
OID	MARK	LENGTH	DETAIL
	FL-240	20'-6"	TRIM_65
	FL-22	7'-6"	TRIM_18
	FL-37	10'-6"	TRIM_13



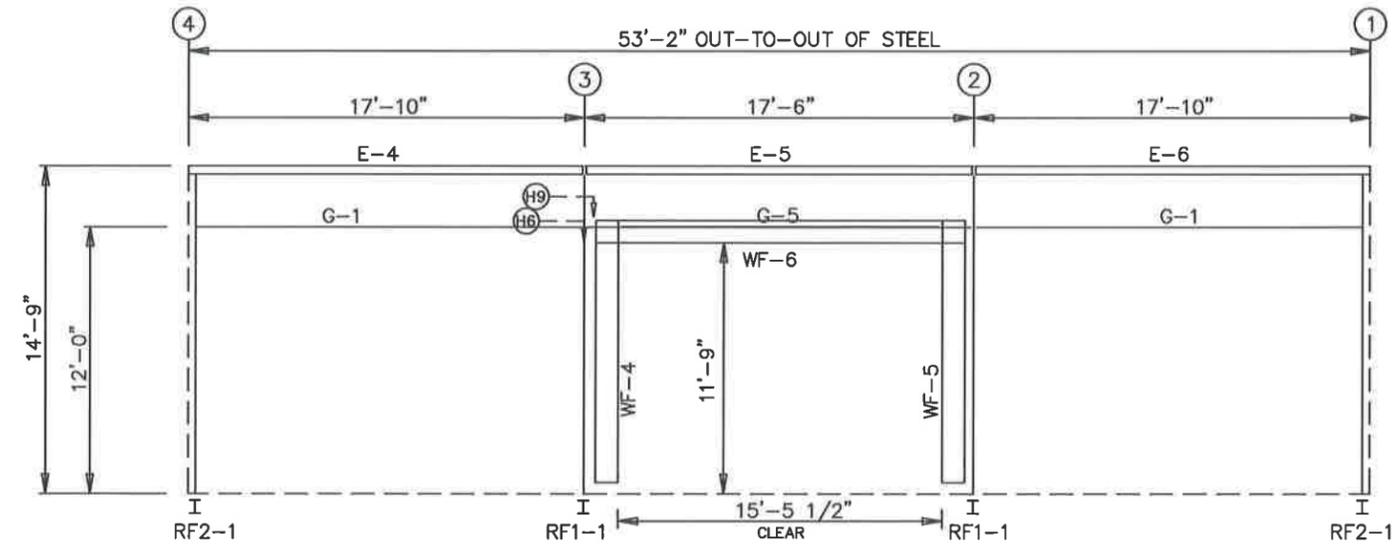
SCREENWALL BACK SHEETING & TRIM
PANELS: 26 Ga. PBR - Galvalume



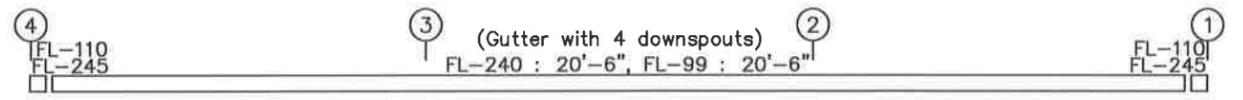
SCREENWALL FRONT SHEETING & TRIM
PANELS: 24 Ga. 12" MARQUEE LOK - STD. KYNAR COLOR



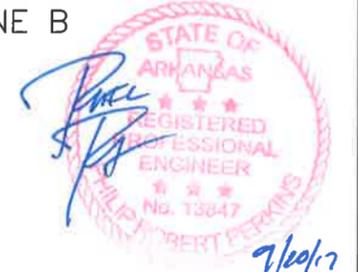
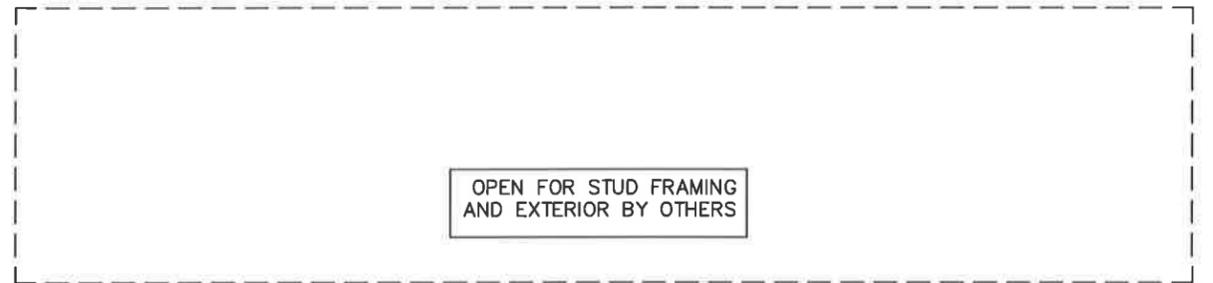
SCREENWALL SIDEWALL FRAMING



BACK SIDEWALL FRAMING: FRAME LINE B



BACK SIDEWALL SHEETING & TRIM: FRAME LINE B



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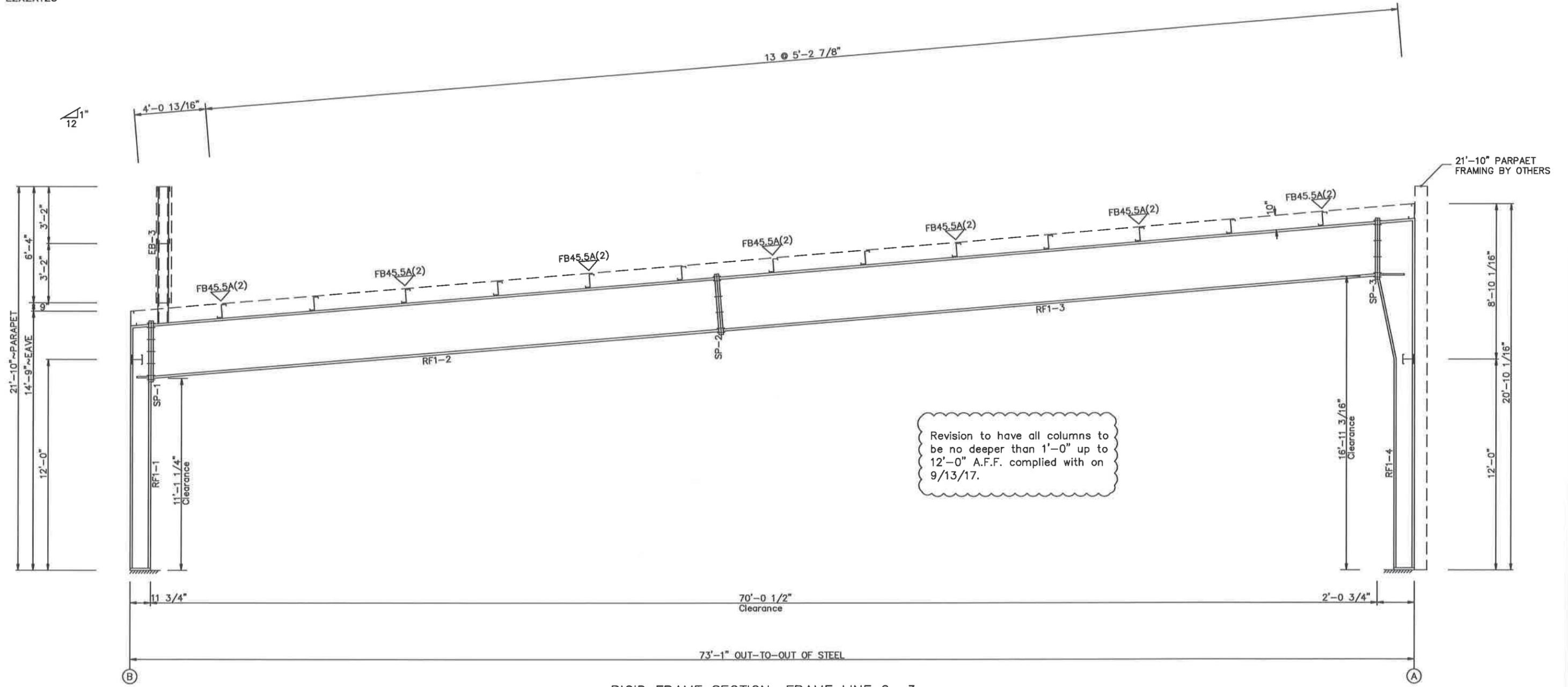
- GENERAL NOTES:**
- Screw patterns for sheeting shall be to use Jea screws at the bottom, top, and at each girt. Space these screws equally at about 1" off of each panel rib. Lap screws should be placed at bottom, top, each girt, two (2) equally spaced between base and first girt, and one (1) at the midpoint between all other girts. Tek5 Drillers are supplied as needed for non secondary steel.
 - Cut sheets as needed to cope to framed openings.
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 - All girts are bolted in place with (2) 1/2"x1-1/4" A307 bolts on a diagonal pattern at the clip and (2) 1/2"x1-1/4" A307 bolts at each end of the lap (6-bolts total per connection see detail drawings)
 - It is the erectors responsibility to provide all temporary bracing and a plan for installing it. This includes sizes, types, location and quantity.

<p>SBI METAL BUILDINGS & COMPONENTS 114 TROOPER DRIVE HOT SPRINGS, ARKANSAS 71913 PH: (501) 262-0600, FAX: (501) 262-5107</p>	PROJECT: OFFICE SHELL	BLDG SIZE: 73.08' x 53.17' x 14.75' x 20.84'	JOB NUMBER
	PARKER & HARRISBURG JONESBORO, AR	DESIGN: SP	SBI25971
	CUSTOMER: DS MURPHY CONSTRUCTION	DATE: 9/13/17	CHECK:
	DWG NAME: SIDEWALL FRAMING	SCALE: NONE	REV. NO:
			DRAWING NUMBER
			SHEET 8 OF 13

SPLICE BOLT TABLE						
Mark	Qty		Int	Type	Dia	Length
	Top	Bot				
SP-1	4	4	6	A325	3/4"	2"
SP-2	4	4	4	A325	3/4"	2 1/4"
SP-3	4	4	4	A325	3/4"	2"

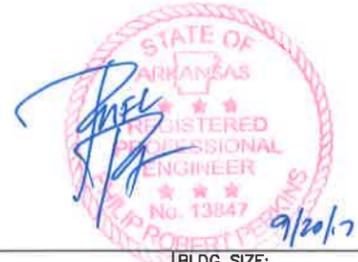
MEMBER TABLE						
Mark	Web Depth		Web Plate		Outside Flange	Inside Flange
	Start/End	Thick	Length	Thick	W x Thk x Length	W x Thk x Length
RF1-1	11.0/11.0	0.250	167.0		8 x 3/8" x 166.1 8 x 3/8" x 11.4	8 x 3/8" x 129.3
RF1-2	34.0/34.0	0.188	240.0		6 x 1/4" x 388.1	6 x 1/4" x 390.9
RF1-3	34.0/34.0	0.188	150.9		6 x 1/4" x 453.0	6 x 1/4" x 450.2
RF1-4	34.0/34.0	0.188	240.0		8 x 3/8" x 24.4	8 x 3/8" x 57.3
	24.0/11.0	0.250	95.6		8 x 3/8" x 239.1	8 x 3/8" x 143.5
	11.0/11.0	0.250	143.5			

FLANGE BRACES: (1) One Side; (2) Two Sides
 FBxxA(1): xx=length(in)
 A - L2X2X125



RIGID FRAME SECTION: FRAME LINE 2 3

- GENERAL NOTES:
 CONSTRUCTION NOTES FOR THE RIGID FRAMES.
- ALL PRIMARY STRUCTURAL STEEL SHALL BE FABRICATED FROM 50 KSI STEEL.
 - ALL SECONDARY FRAMING MEMBERS SHALL BE FORMED FROM 55 KSI STEEL.
 - ALL FIELD CONNECTIONS OF PRIMARY FRAMING MEMBERS SHALL BE BOLTED WITH A325 H. S. BOLTS AND INSTALLED BY THE 'TURN OF THE NUT' METHOD.
 - ALL FIELD CONNECTIONS OF SECONDARY FRAMING SHALL BE BOLTED WITH A307 MACHINE BOLTS (or A325).
 - WELDING PROCESSES USED BY MANUFACTURER ARE IN ACCORDANCE WITH SEC. 1.3 OF AWS D 1.1.
 - IT IS THE RESPONSIBILITY OF THE ERECTOR TO PROVIDE FOR ALL TEMPORARY BRACING AS WELL AS A PLAN FOR INSTALLING AND SECURING IT. THIS INCLUDES SIZES, TYPES, LOCATION, AND QUANTITIES. RIGID FRAMES SHOULD NEVER BE LEFT IN AN UNSUPPORTED, UNBRACED OR UNGUYED CONDITION. ADDITIONAL CARE SHOULD BE TAKEN WHEN ERECTING MULTI-SPAN FRAMES COMPARED TO CLEAR SPAN FRAMES BECAUSE OF THE LIGHTER SECTIONS THAT CAN BE UTILIZED DUE TO CLOSER SUPPORT SPACINGS.



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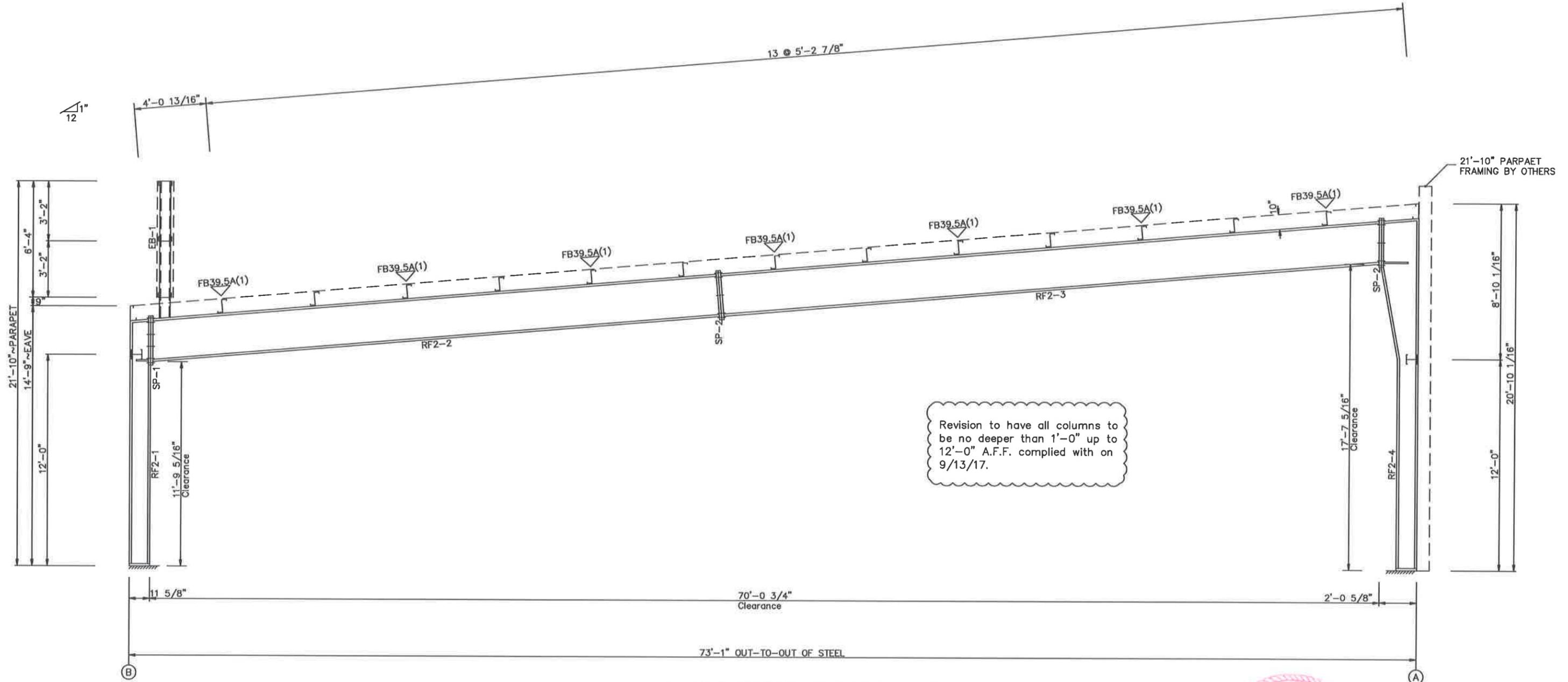
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<p>METAL BUILDINGS & COMPONENTS 114 TROOPER DRIVE HOT SPRINGS, ARKANSAS 71913 PH: (501) 262-0600, FAX: (501) 262-5107</p>	PROJECT: OFFICE SHELL	BLDG SIZE: 73.08' x 53.17' x 14.75' x 20.84'	JOB NUMBER: SBI25971	
	PARKER & HARRISBURG JONESBORO, AR	DESIGN: SP	DRAWN: SP	
	CUSTOMER: DS MURPHY CONSTRUCTION	DATE: 9/13/17	CHECK: 9/13/17	DRAWING NUMBER
	DWG NAME: RIGID FRAME ELEVATION	SCALE: NONE	REV. NO:	SHEET 9 OF 13

SPLICE BOLT TABLE						
Mark	Qty		Int	Type	Dia	Length
	Top	Bot				
SP-1	4	4	4	A325	3/4"	2"
SP-2	4	4	2	A325	3/4"	2"

MEMBER TABLE								
Mark	Web Depth		Web Plate		Outside Flange		Inside Flange	
	Start/End	Thick	Thick	Length	W x Thk x Length	W x Thk x Length	W x Thk x Length	
RF2-1	11.0/11.0	0.164	167.1		8 x 5/16" x 166.2	8 x 5/16" x 137.3		
RF2-2	26.0/26.0	0.164	240.0		8 x 5/16" x 11.3	6 x 1/4" x 388.3		
RF2-3	26.0/26.0	0.164	240.0		6 x 1/4" x 453.2	6 x 1/4" x 451.1		
RF2-4	24.0/11.0	0.164	95.7		8 x 5/16" x 24.4	8 x 5/16" x 65.2		
	11.0/11.0	0.164	143.5		8 x 5/16" x 239.2	8 x 5/16" x 143.5		

▽ FLANGE BRACES: (1) One Side; (2) Two Sides
 FBxxA(1): xx=length(in)
 A - L2X2X125



Revision to have all columns to be no deeper than 1'-0" up to 12'-0" A.F.F. complied with on 9/13/17.

RIGID FRAME SECTION: FRAME LINE 1 4

GENERAL NOTES:
 CONSTRUCTION NOTES FOR THE RIGID FRAMES.

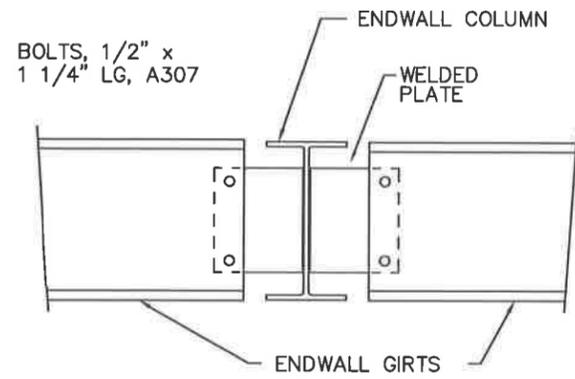
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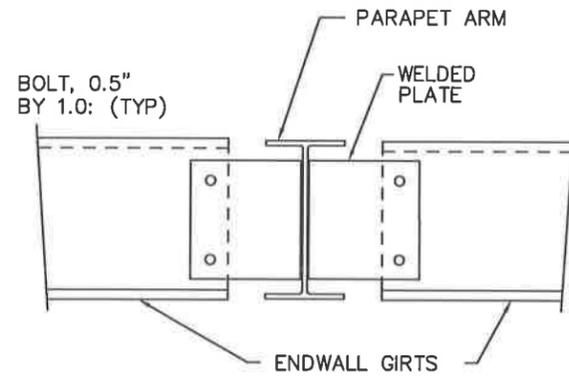
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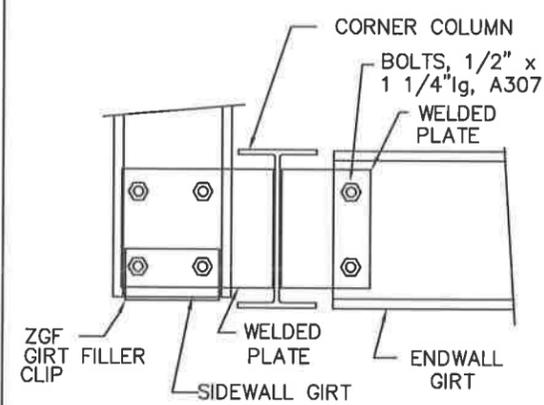
<p>METAL BUILDINGS & COMPONENTS 114 TROOPER DRIVE HOT SPRINGS, ARKANSAS 71913 PH: (501) 262-0600, FAX: (501) 262-5107</p>	PROJECT: OFFICE SHELL	BLDG SIZE: 73.08' x 53.17' x 14.75' x 20.84'	JOB NUMBER: SBI25971	
	PARKER & HARRISBURG JONESBORO, AR	DESIGN: SP	DRAWN: SP	
	CUSTOMER: DS MURPHY CONSTRUCTION	DATE: 9/13/17	CHECK: 9/13/17	DRAWING NUMBER
	DWG NAME: RIGID FRAME ELEVATION	SCALE: NONE	REV. NO:	SHEET 10 OF 13



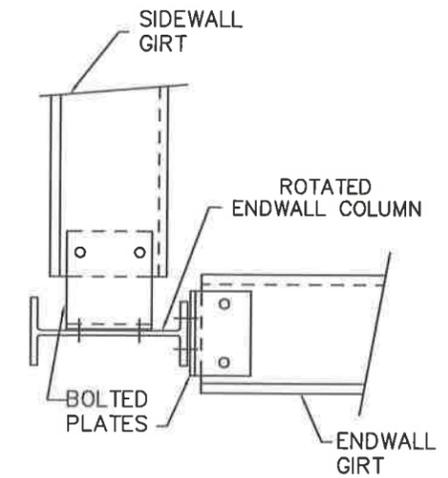
C6 ENDWALL COLUMN TO WALL GIRT



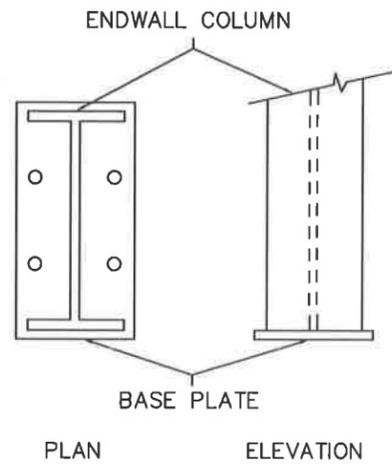
C32 PARAPET ARM TO WALL GIRT



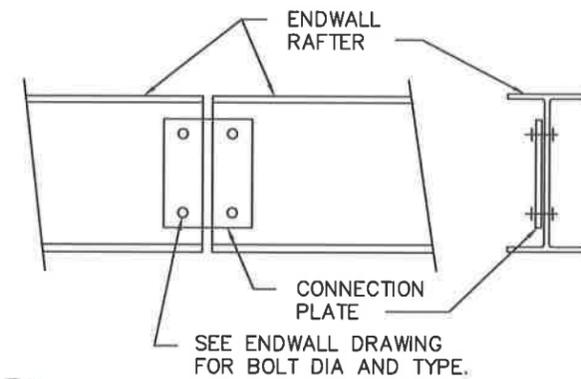
D6 CORNER COLUMN TO WALL GIRT



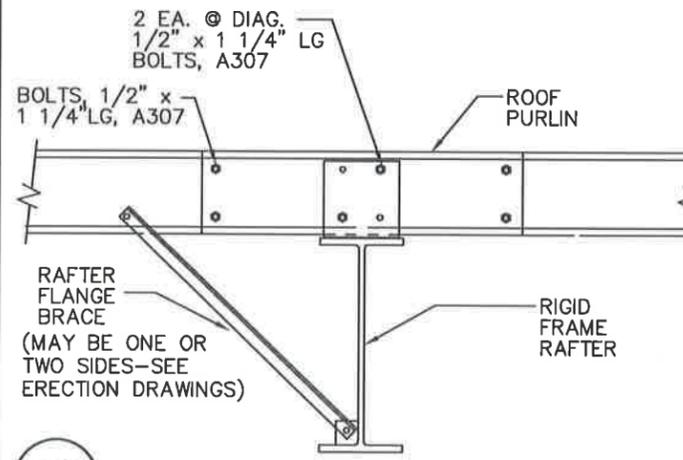
D25 CORNER COLUMN TO WALL GIRT



E3 BASE PLATE FOR ENDWALL COLUMN



F3 RAFTER SPLICE ALONG SURFACE



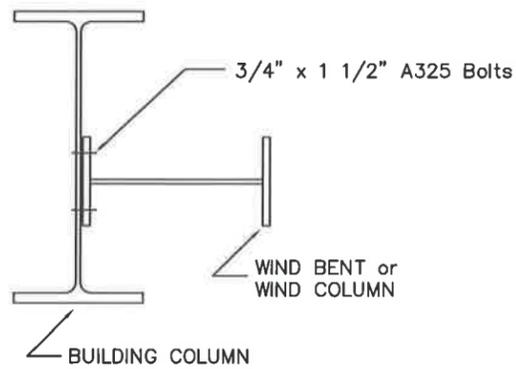
G2 ROOF PURLIN TO INTERIOR FRAME RAFTER



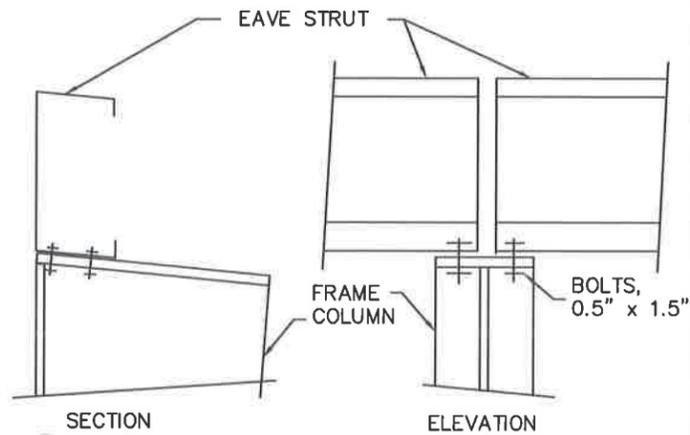
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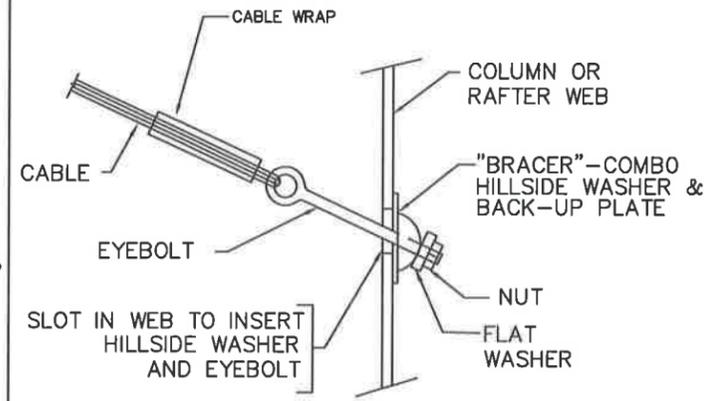
 SBI METAL BUILDINGS & COMPONENTS 114 TROOPER DRIVE HOT SPRINGS, ARKANSAS 71913 PH: (501) 262-0600, FAX: (501) 262-5107	PROJECT: OFFICE SHELL	BLDG SIZE: 73.08' x 53.17' x 14.75' x 20.84'	JOB NUMBER
	PARKER & HARRISBURG JONESBORO, AR	DESIGN:	DRAWN: SP SBI25971
	CUSTOMER: DS MURPHY CONSTRUCTION	DATE: 9/13/17	CHECK:
	DWG NAME: DETAIL DRAWINGS	SCALE: NONE	REV. NO:
			SHEET 11 OF 13



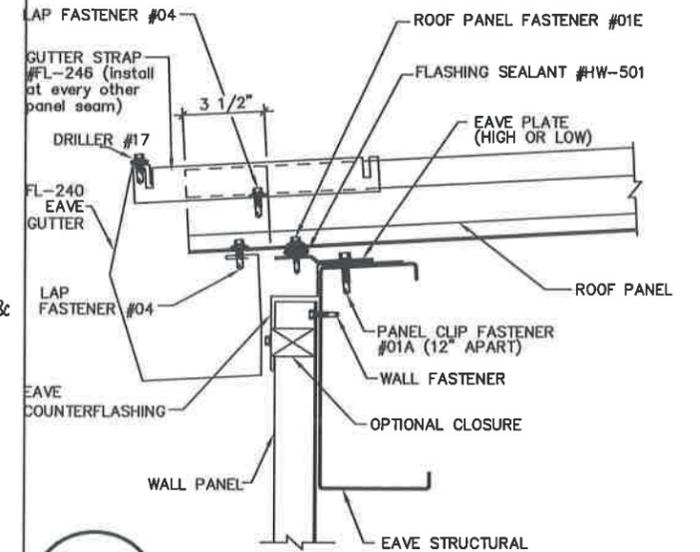
H9 WIND BENT OR WIND COLUMN TO BUILDING COLUMN



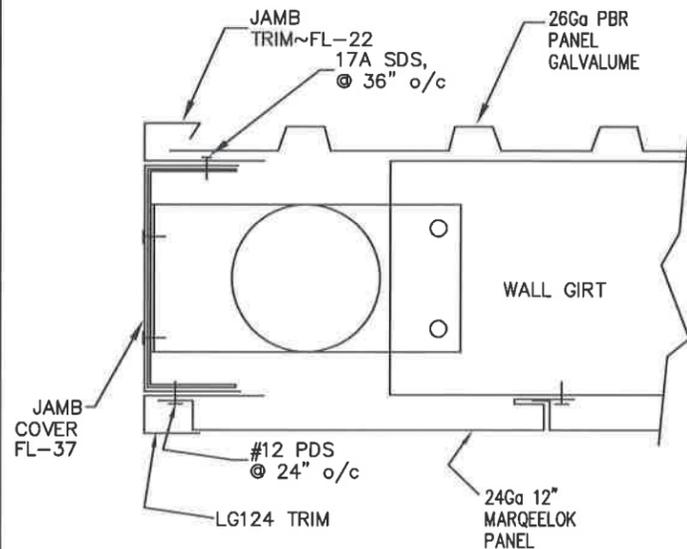
J7 EAVE STRUT TO RIGID FRAME



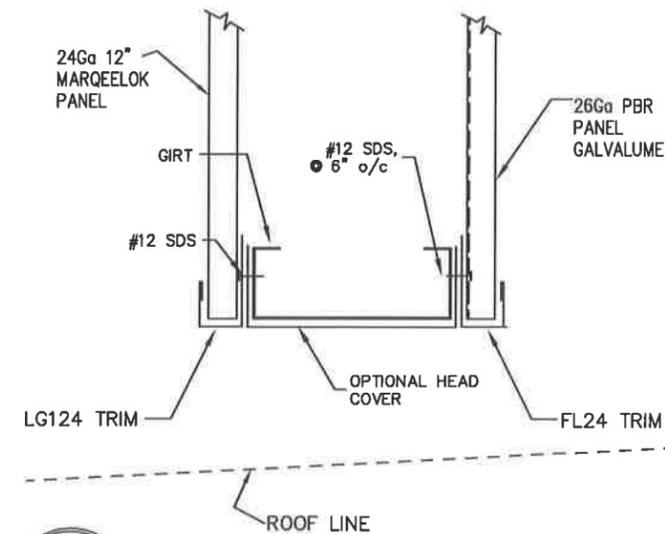
Q2 DIAGONAL CABLE, EYEBOLT END



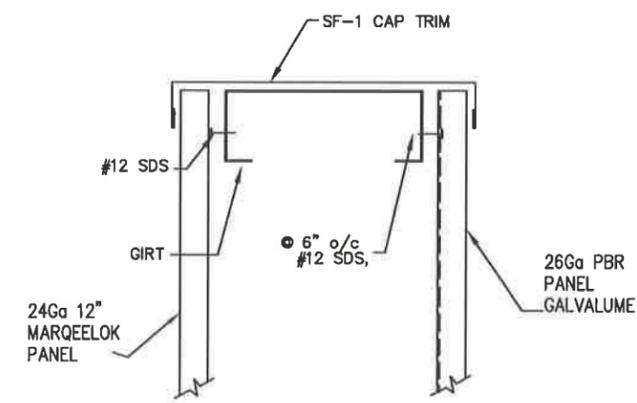
TR-65 TSS-324 ROOF PANEL EAVE SECTION GUTTER DETAILS



TR-13 SCREENWALL END



TR-14 SCREENWALL BOTTOM

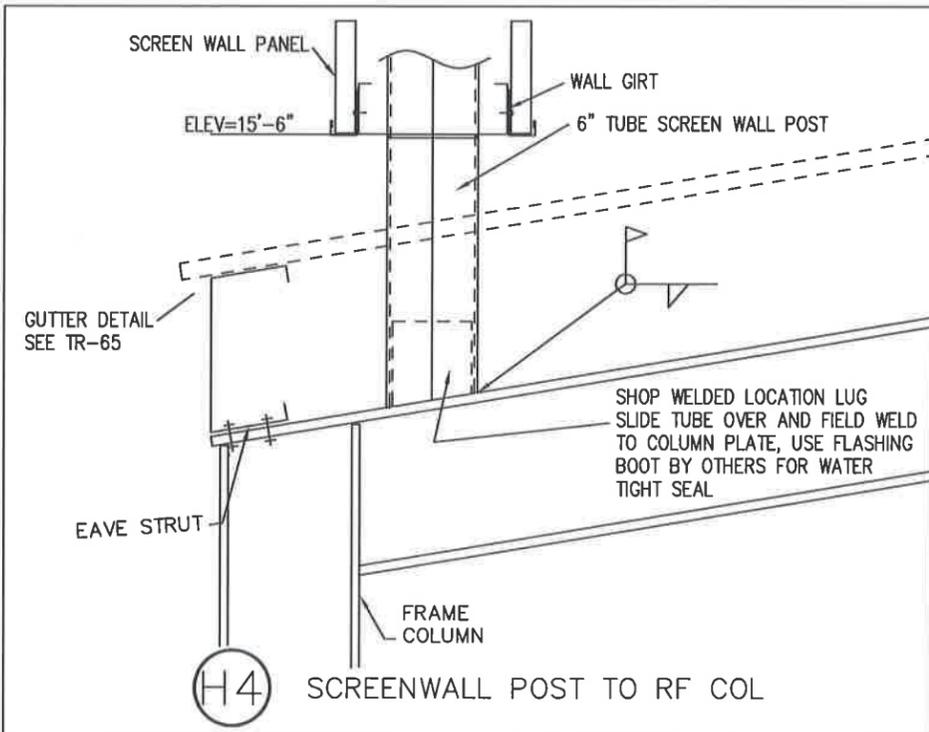
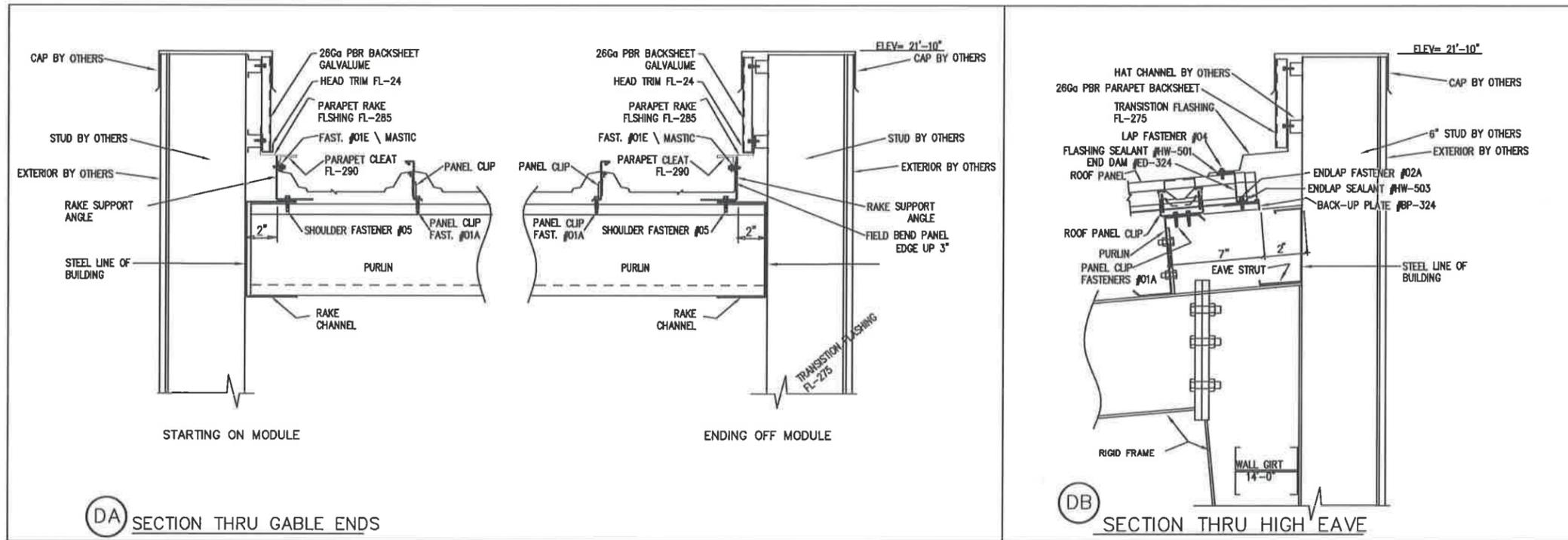


TR-15 SCREENWALL TOP



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 114 TROOPER DRIVE HOT SPRINGS, ARKANSAS 71913 PH: (501) 262-0600, FAX: (501) 262-5107	PROJECT: OFFICE SHELL	BLDG SIZE: 73.08' x 53.17' x 14.75' x 20.84'	JOB NUMBER: SBI25971
	PARKER & HARRISBURG JONESBORO, AR	DESIGN: DATE: 9/13/17	DRAWN: SP
	CUSTOMER: DS MURPHY CONSTRUCTION	SCALE: NONE	CHECK: REV. NO:
	DWG NAME: DETAIL DRAWINGS		DRAWING NUMBER: SHEET 12 OF 13



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 METAL BUILDINGS & COMPONENTS 114 TROOPER DRIVE HOT SPRINGS, ARKANSAS 71913 PH: (501) 262-0600, FAX: (501) 262-5107	PROJECT: OFFICE SHELL	BLDG SIZE: 73.08' x 53.17' x 14.75' x 20.84'	JOB NUMBER
	PARKER & HARRISBURG JONESBORO, AR	DESIGN: SP	SBI25971
	CUSTOMER: DS MURPHY CONSTRUCTION	DATE: 9/13/17	CHECK:
	DWG NAME: DETAIL DRAWINGS	SCALE: NONE	REV. NO:
			DRAWING NUMBER
			SHEET 13 OF 13