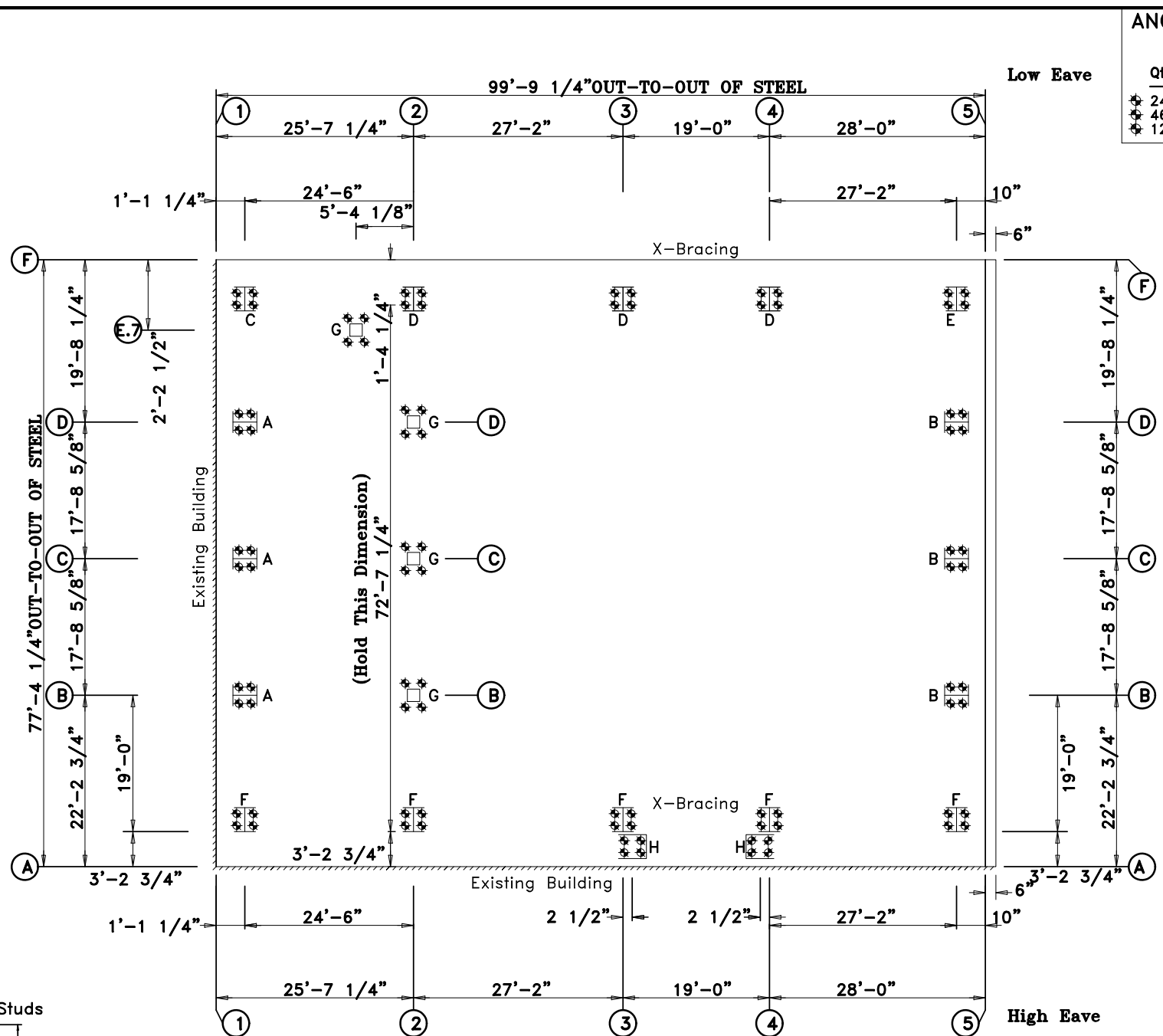
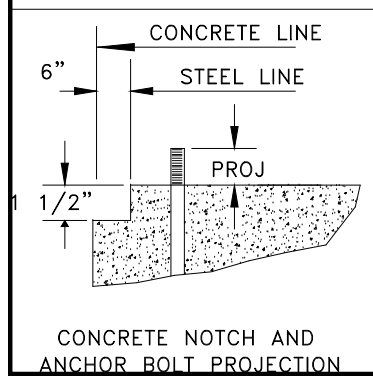
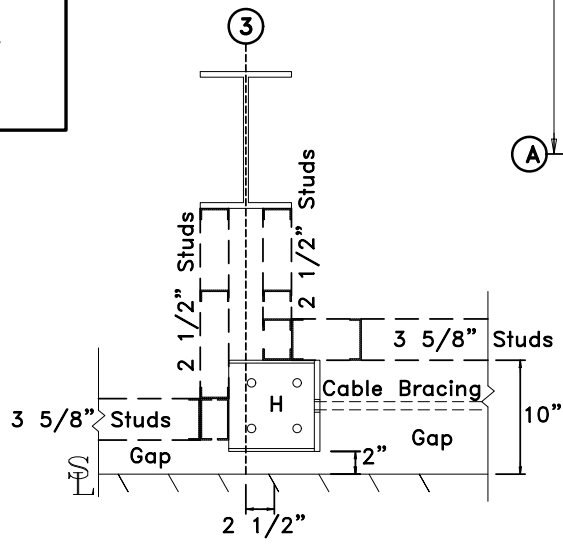
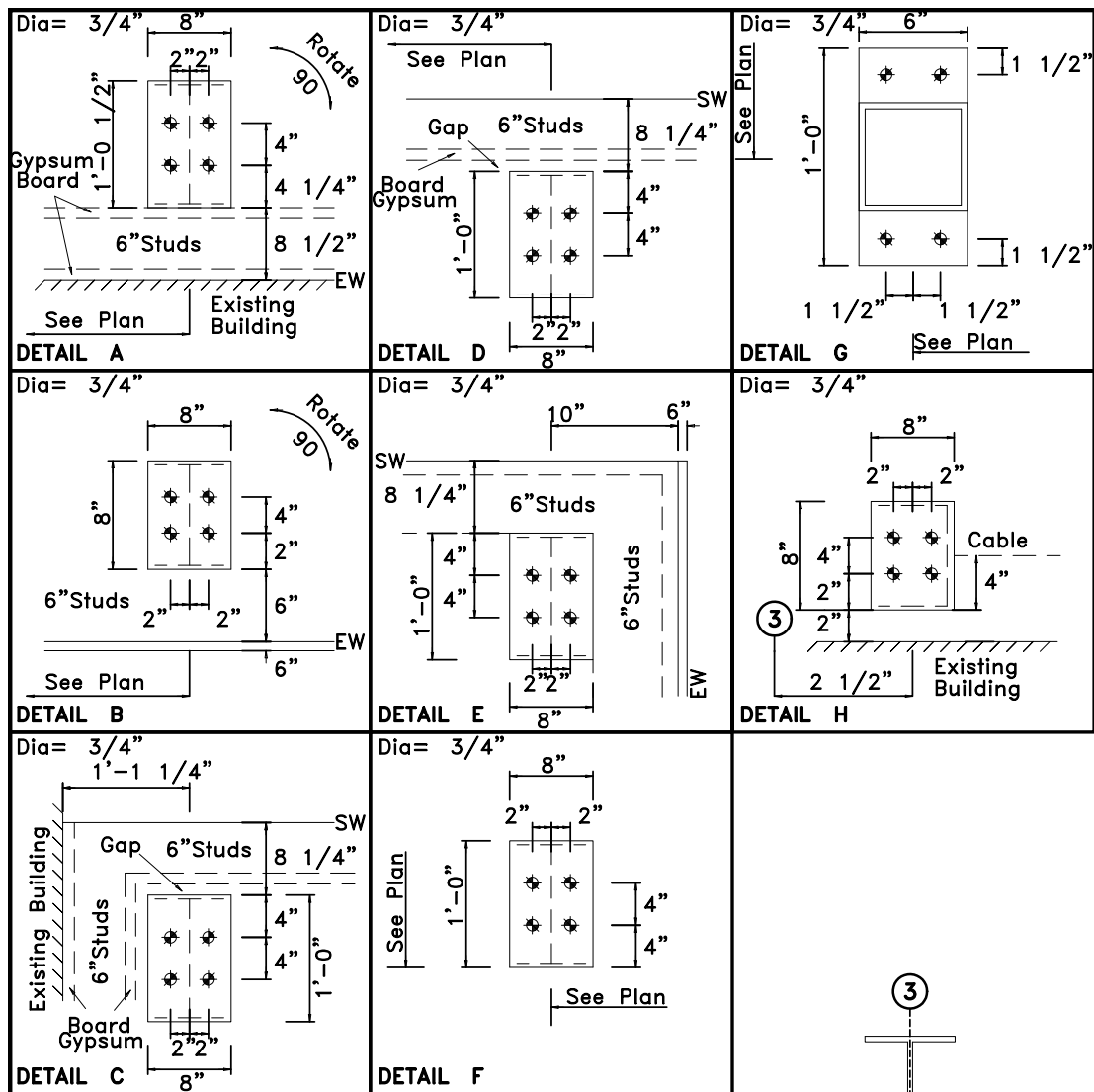


Job# 25073
Final Design



ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)	Type	Total Len (in)	Proj (in)
24	Endwall	3/4"	A307	20.0	4.00
46	Frame	3/4"	A307	20.0	4.00
12	Floor	3/4"	A307	20.0	4.00

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

APPROVAL DRAWINGS

APPROVED AS DRAWN
 APPROVED AS NOTED
 NOT APPROVED

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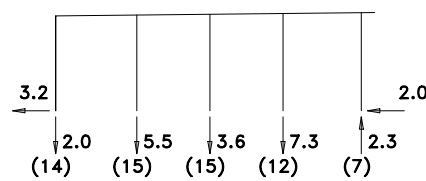
APPROVAL & PERMIT

JOB NAME: Rentfro Construction
PROJECT NAME: Mid-Cities Community Church
JOB LOCATION: Midland, TX 79707
DRAWING TITLE: ANCHOR BOLT PLAN
DATE: 10/ 8/25 DET: JOB NO.: 25073 PG.: E-1

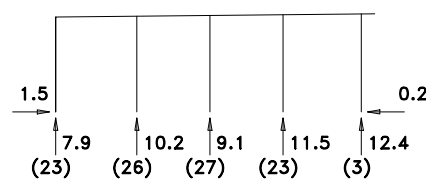
RIGID FRAME REACTIONS (k)

⊙ 5
E D C B A

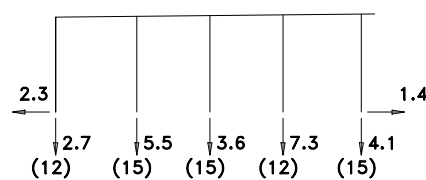
Max Horizontal



Max +Vertical



Max -Vertical

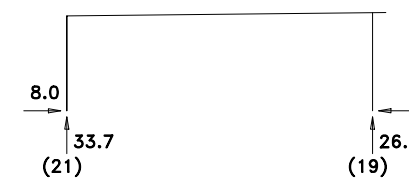


- (3)Dead+Collateral+Snow+Snow_Drift
- (7)Dead+0.6Wind_Left2
- (12)0.6Dead+0.6Wind_Left1
- (14)0.6Dead+0.6Wind_Left2
- (15)0.6Dead+0.6Wind_Long1L
- (23)Dead+Collateral+0.75Snow+0.45Wind_Right2+0.75Snow_Drift
- (26)Dead+Collateral+F4PAT_LL_7
- (27)Dead+Collateral+F4PAT_LL_8

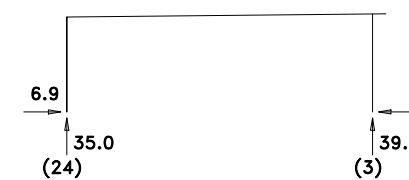
RIGID FRAME REACTIONS (k)

⊙ 3 4
E A

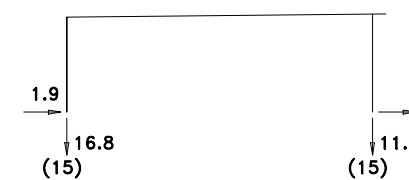
Max Horizontal



Max +Vertical



Max -Vertical



- (3)Dead+Collateral+Snow+Snow_Drift
- (15)0.6Dead+0.6Wind_Long1L
- (19)Dead+Collateral+0.75Live+0.45Wind_Left2
- (21)Dead+Collateral+0.75Live+0.45Wind_Long2R
- (24)Dead+Collateral+F3PAT_LL_3

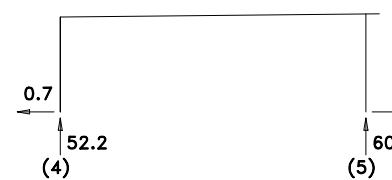
RIGID FRAME REACTIONS (k)

⊙ 2
E A

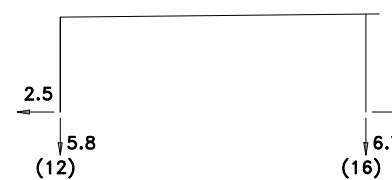
Max Horizontal



Max +Vertical



Max -Vertical

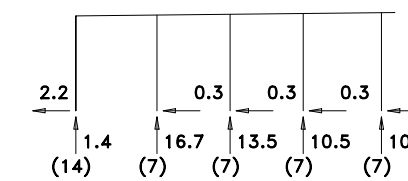


- (4)Dead+Collateral+0.75Live+0.75Floor_Live
- (5)Dead+Collateral+0.75Snow+0.75Snow_Drift+0.75Floor_Live
- (7)Dead+0.6Wind_Left2
- (12)0.6Dead+0.6Wind_Left1
- (14)0.6Dead+0.6Wind_Left2
- (16)0.6Dead+0.6Wind_Long1R

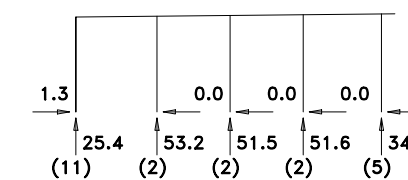
RIGID FRAME REACTIONS (k)

⊙ 1
E D C B A

Max Horizontal



Max +Vertical



Max -Vertical

- (2)Dead+Collateral+Floor_Live
- (5)Dead+Collateral+0.75Snow+0.75Snow_Drift+0.75Floor_Live
- (7)Dead+0.6Wind_Left2
- (11)Dead+Collateral+0.75Snow+0.45Wind_Right2+0.75Snow_Drift+0.75Floor_Live
- (14)0.6Dead+0.6Wind_Left2

NOTES FOR REACTIONS

Building reactions are based on the following building data:

- Width (ft) = 77.4
- Length (ft) = 99.8
- Eave Height (ft) = 23.0 / 23.8
- Roof Slope (rise/12) = 0.13
- Roof Dead Load (psf) = 4.0
- Roof Live Load (psf) = 20.0
- Frame Live Load (psf) = 12.0
- Collateral Load (psf) = 15.0
- Snow Load (psf) = 4.2
- Minimum Snow (psf) = 6.0
- Wind Speed (mph) = 116.0
- Wind Code = 2018 IBC
- Exposure = C
- Closure = Enclosed
- Internal Wind Coeff = -0.18, +0.18
- Risk Category = IV - Post
- Importance - Wind = 1.00
- Importance - Seismic = 1.50
- Seismic Design Category = A

FLOOR COLUMN REACTIONS

Frame Line	Col Line	Max_Vert Ld (k)
2	D	DL+CL+LL 47.0
2	C	DL+CL+LL 45.9
2	B	DL+CL+LL 45.5
Anchor Detail	Max_Vert Ld (k)	
G ⊙ E.7	DL+CL+LL	1.3

BUILDING BRACING REACTIONS

—Wall— Loc	Col Line	Rigid frame at endwall	± Reactions(k)		Panel_Shear (lb/ft)		Note
			—0.6Wind— Horz	—Seismic— Vert	Wind	Seis	
L_EW	1	Rigid frame at endwall					
F_SW	A	3,4	8.3	9.6	1.3	1.5	
R_EW	S	Rigid frame at endwall					
B_SW	E	4,5	8.7	9.7	1.7	1.9	

APPROVAL DRAWINGS

- APPROVED AS DRAWN
- APPROVED AS NOTED
- NOT APPROVED

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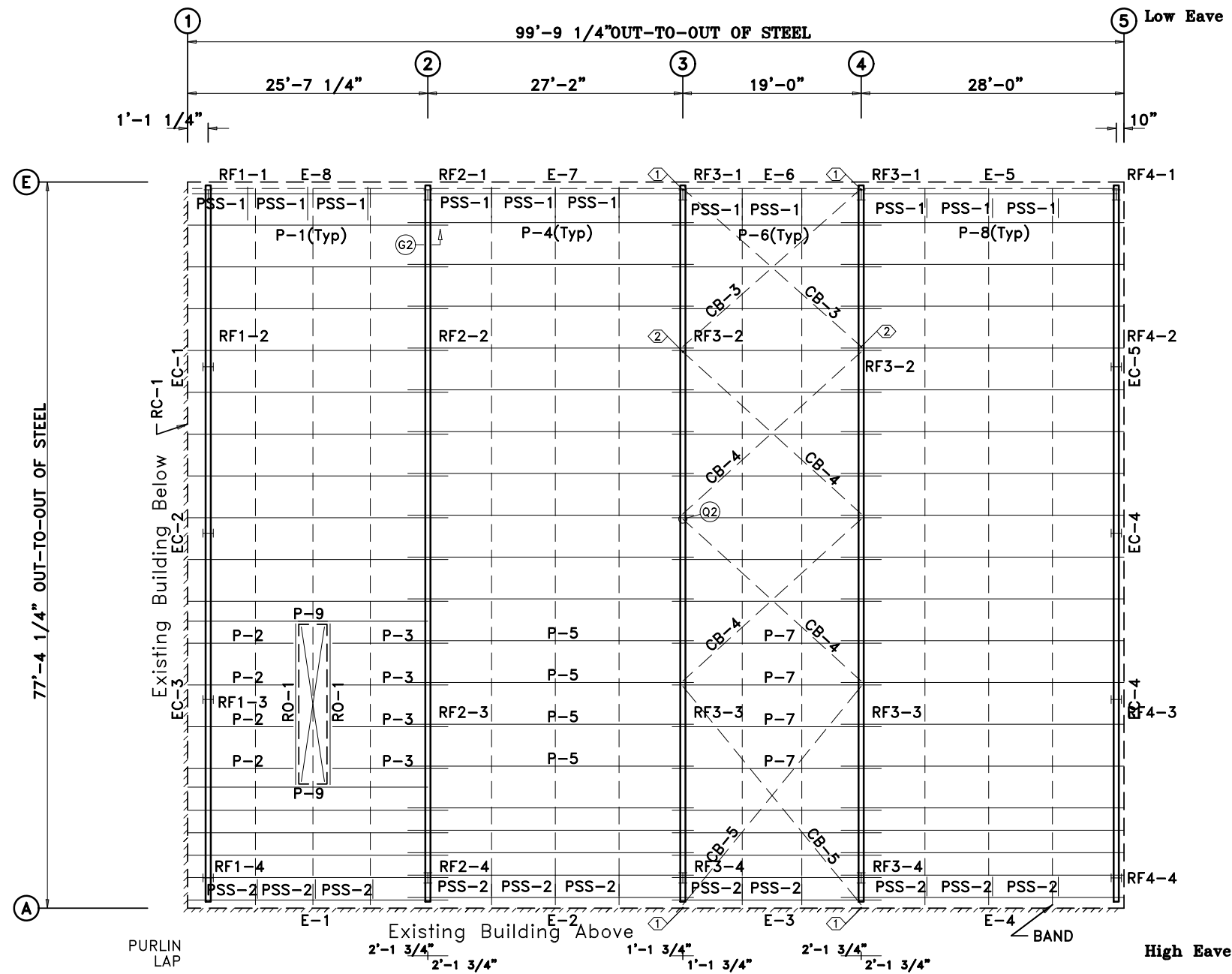
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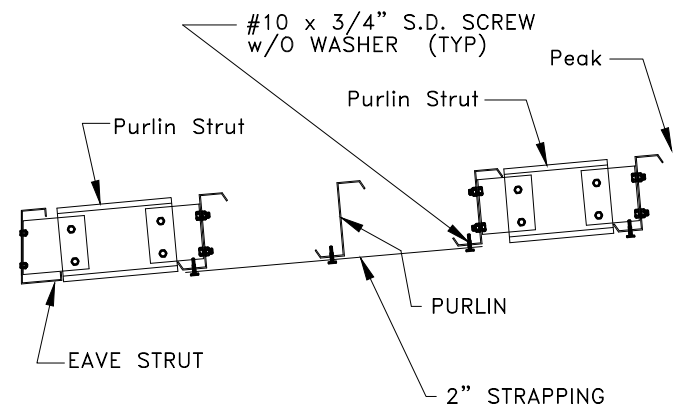
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JOB NAME: Rentfro Construction
PROJECT NAME: Mid-Cities Community Church
JOB LOCATION: Midland, TX 79707
DRAWING TITLE: ANCHOR BOLT REACTIONS
DATE: 10/ 8/25 DET: JOB NO.: 25073 PG.: E-2



ROOF FRAMING PLAN



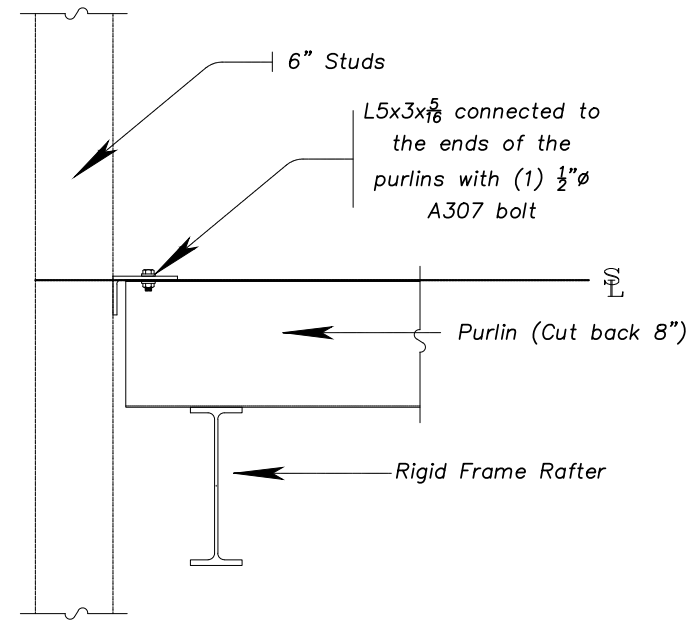
STRAPPING DETAIL FOR 7.2 ROOF

APPROVAL DRAWINGS

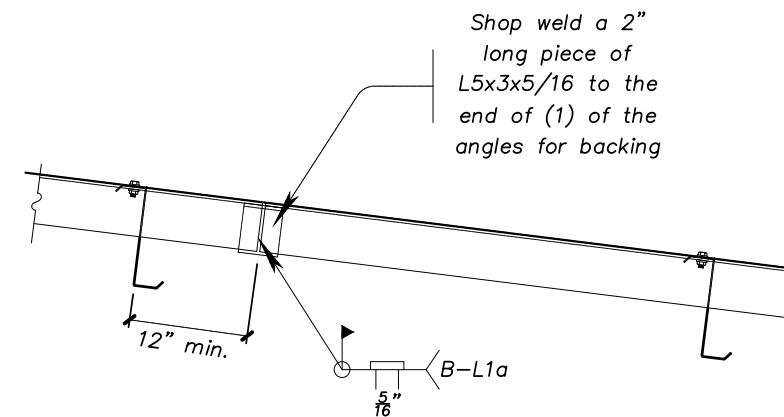
- APPROVED AS DRAWN
- APPROVED AS NOTED
- NOT APPROVED

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Cut Purlins for L5x3x5/16 Angle



Rake Angle Splice Connection

MEMBER TABLE			
ROOF PLAN			
QUAN	MARK	PART	LENGTH
2	RO-1	W10X12	17'-0 1/2"
2	P-9	W10X22	25'-7 3/4"
15	P-1	10x25Z13	27'-0 1/4"
4	P-2	10x25Z12	10'-5 1/2"
4	P-3	10x25Z12	12'-2 3/4"
15	P-4	10x25Z13	30'-5 1/2"
4	P-5	10x25Z12	30'-5 1/2"
15	P-6	10x25Z13	22'-3 1/2"
4	P-7	10x25Z12	22'-3 1/2"
19	P-8	10x25Z12	29'-7 1/2"
1	E-1	10HEDS14	24'-10 1/4"
1	E-2	10HEDS14	27'-1 1/2"
1	E-3	10HEDS14	18'-11 1/2"
1	E-4	10HEDS14	27'-5 1/2"
1	E-5	10LEDs14	27'-5 1/2"
1	E-6	10LEDs14	18'-11 1/2"
1	E-7	10LEDs14	27'-1 1/2"
1	E-8	10LEDs14	24'-10 1/4"
2	CB-3	7/16_CBL	23'-0"
4	CB-4	3/8_CBL	23'-6"
2	CB-5	7/16_CBL	27'-7"
11	PSS-1	10x35C16	3'-9 3/16"
11	PSS-2	10x35C16	

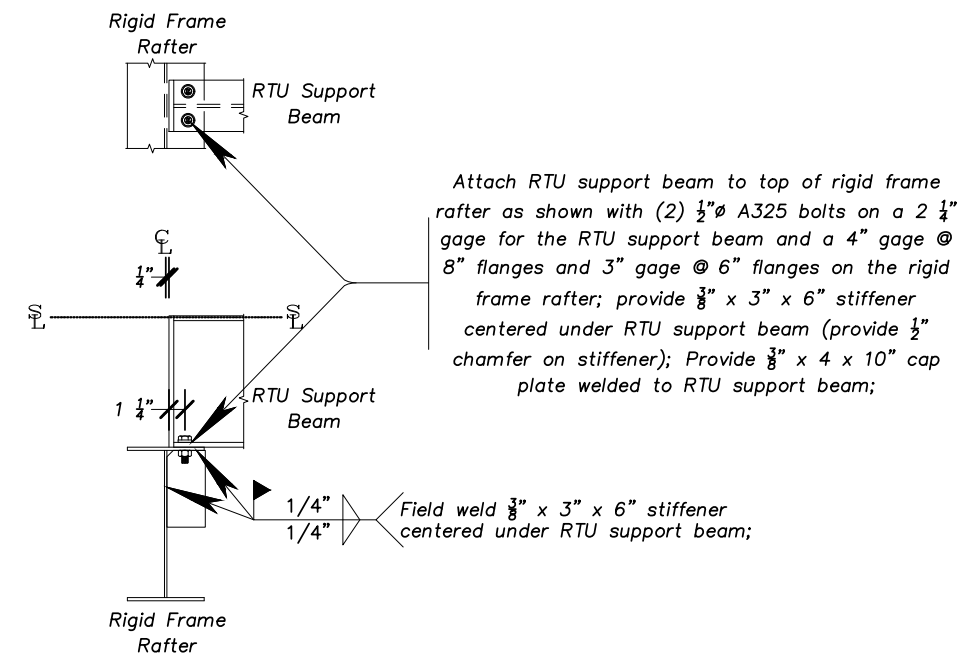
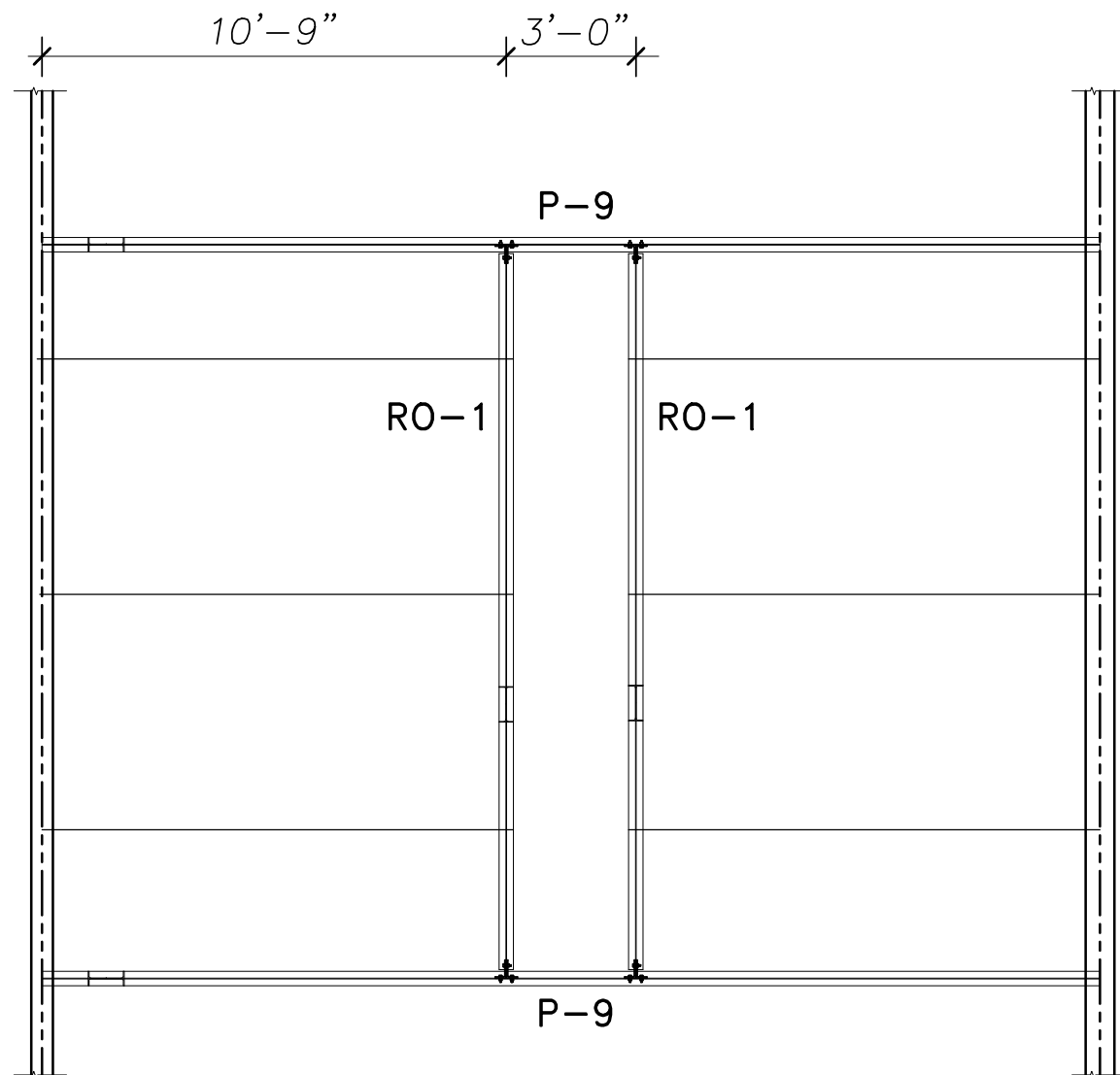
SPECIAL BOLTS					
ROOF PLAN					
ID	QUAN	TYPE	DIA	LENGTH	WASH
1	4	A325	1/2"	1 1/4"	0
2	2	A325	1/2"	1 1/4"	0

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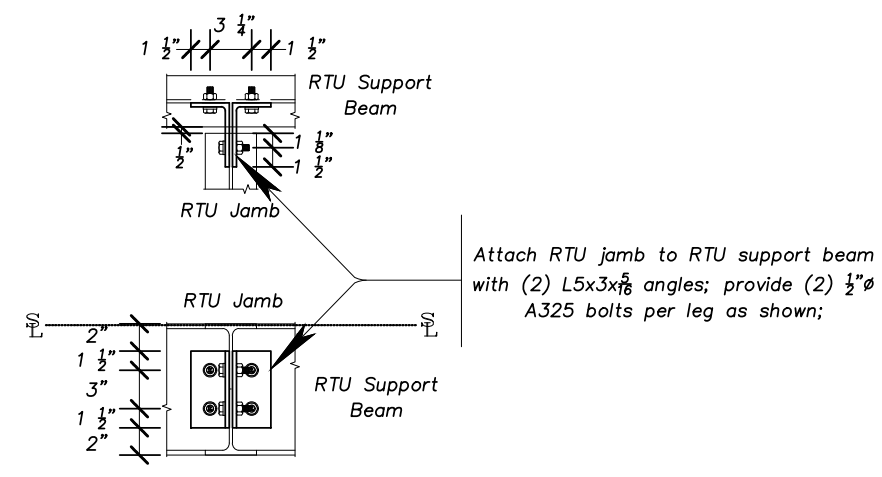
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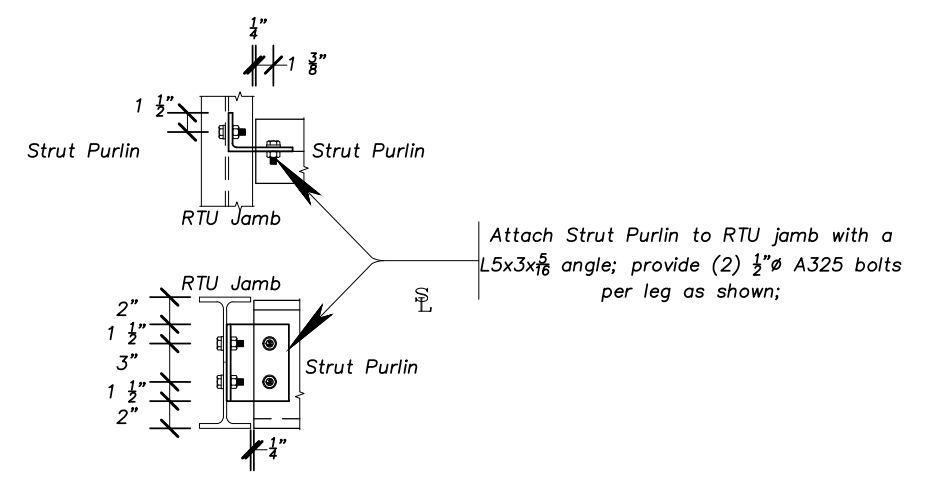
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 PROJECT NAME: Mid-Cities Community Church
 JOB LOCATION: Midland, TX 79707
 DRAWING TITLE: ROOF FRAMING PLAN
 DATE: 10/ 8/25 DET: JOB NO.: 25073 PG.: E-3



2 RTU Support Beam to Rigid Frame Rafter Connection Detail



3 RTU Jamb to RTU Support Beam Connection Detail



4 Strut Purlin to RTU Jamb Connection Detail

MEMBER TABLE			
ROOF PLAN			
QUAN	MARK	PART	LENGTH
2	RO-1	W10X12	17'-0 1/2"
2	P-9	W10X22	25'-7 3/4"
15	P-1	10x25Z13	27'-0 1/4"
4	P-2	10x25Z12	10'-5 1/2"
4	P-3	10x25Z12	12'-2 3/4"
15	P-4	10x25Z13	30'-5 1/2"
4	P-5	10x25Z12	30'-5 1/2"
15	P-6	10x25Z13	22'-3 1/2"
4	P-7	10x25Z12	22'-3 1/2"
19	P-8	10x25Z12	29'-7 1/2"
1	E-1	10LEDS14	27'-5 1/2"
1	E-2	10LEDS14	18'-11 1/2"
1	E-3	10LEDS14	27'-1 1/2"
1	E-4	10LEDS14	24'-10 1/4"
2	CB-3	7/16_CBL	23'-0"
4	CB-4	3/8_CBL	23'-6"
2	CB-5	7/16_CBL	27'-7"
11	PSS-1	10x35C16	3'-9 3/16"
11	PSS-2	10x35C16	

SPECIAL BOLTS					
ROOF PLAN					
ID	QUAN	TYPE	DIA	LENGTH	WASH
1	4	A325	1/2"	1 1/4"	0
2	2	A325	1/2"	1 1/4"	0

APPROVAL DRAWINGS

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- NOT APPROVED

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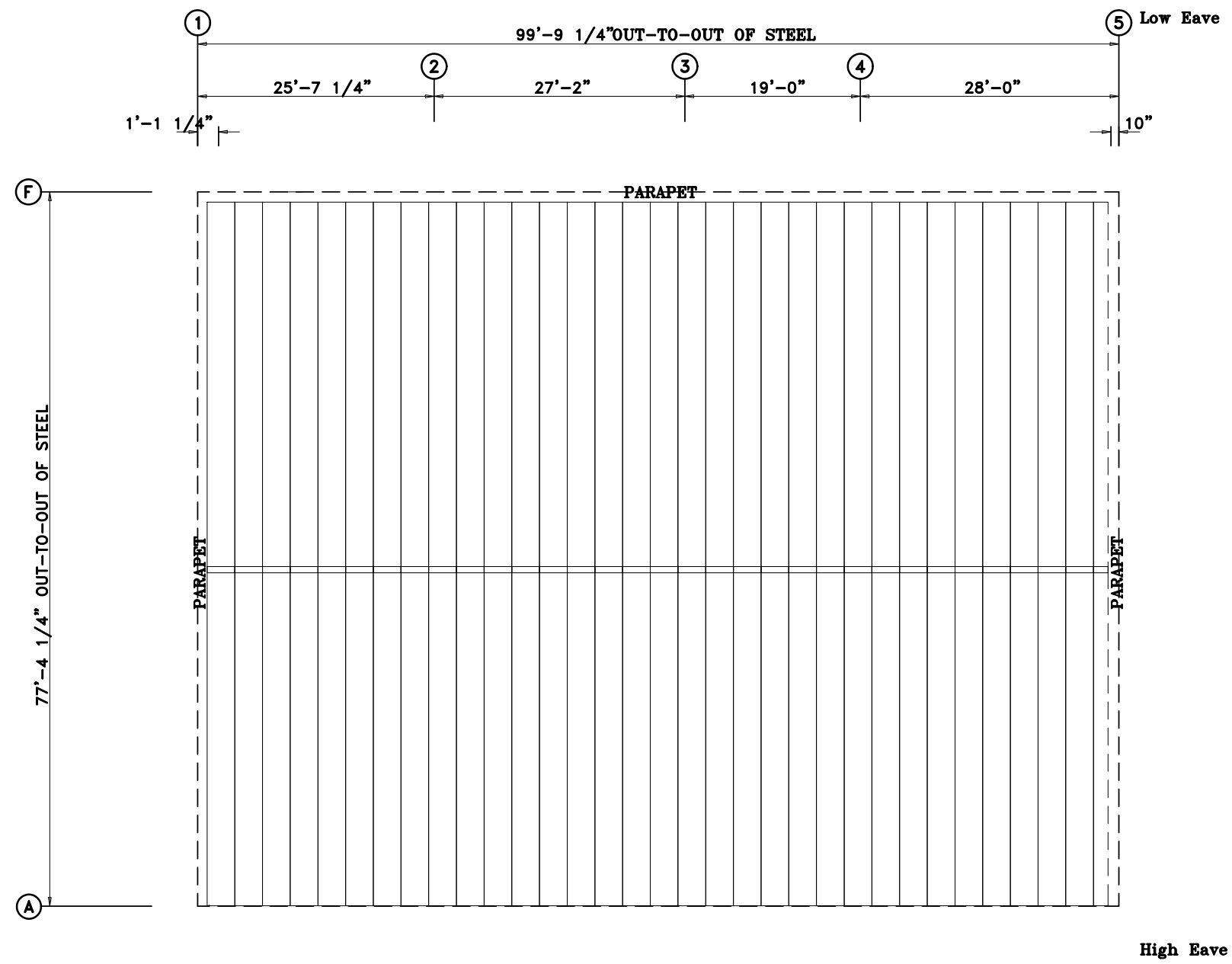
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JOB NAME: Rentfro Construction
 PROJECT NAME: Mid-Cities Community Church
 JOB LOCATION: Midland, TX 79707
 DRAWING TITLE: ROOF FRAMING PLAN
 DATE: 10/ 8/25 DET: JOB NO.: 25073 PG.: E-4



ROOF SHEETING PLAN
PANELS: 22 Ga. 72 - Galvanized

APPROVAL DRAWINGS

APPROVED AS DRAWN
 APPROVED AS NOTED
 NOT APPROVED

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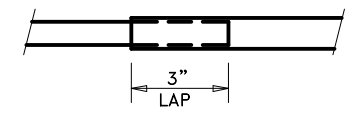


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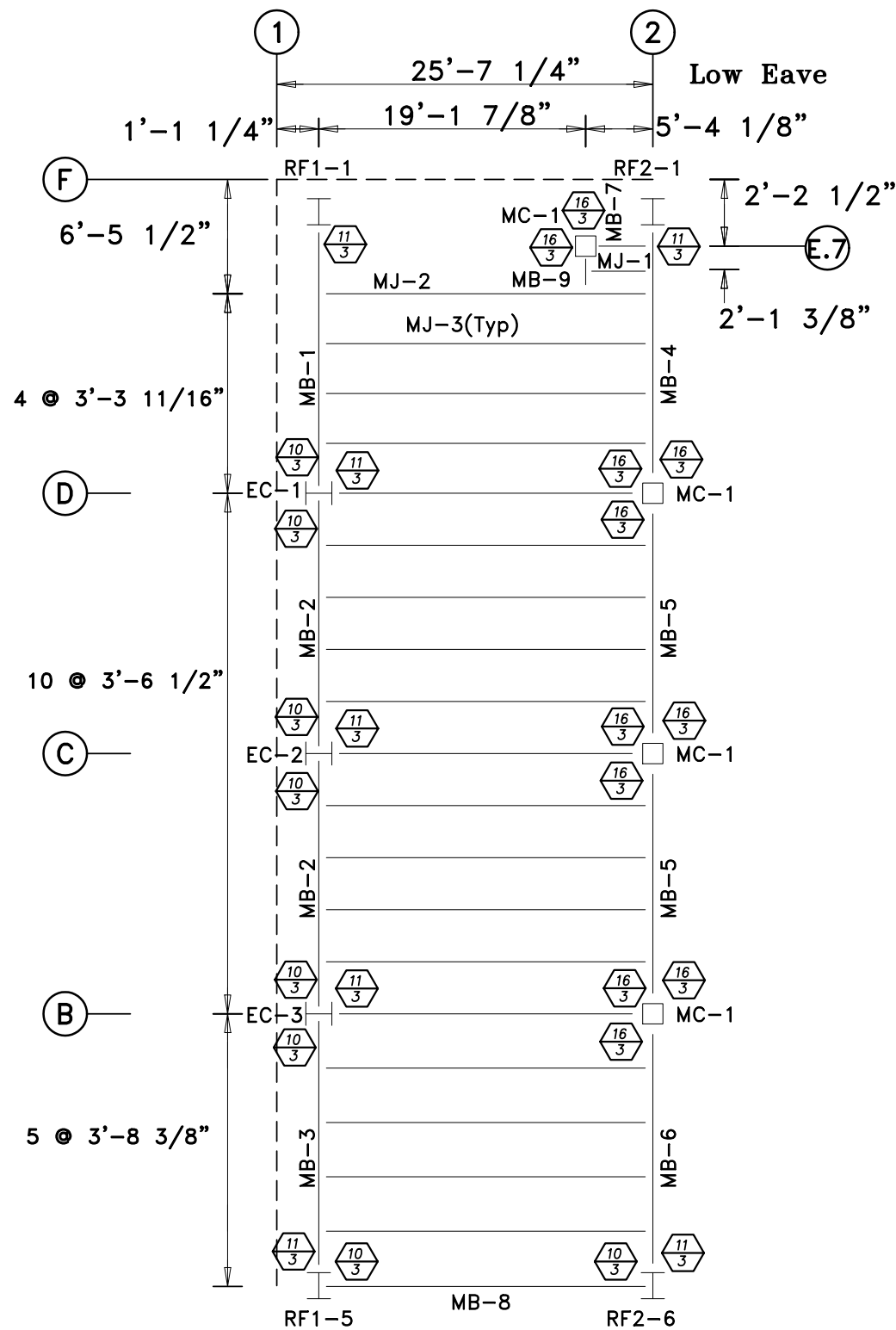
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 PROJECT NAME: Mid-Cities Community Church
 JOB LOCATION: Midland, TX 79707
 DRAWING TITLE: *ROOF FRAMING PLAN*
 DATE: 10/ 8/25 DET: JOB NO.: 25073 PG.: E-5



ALL TRIM LAPS ARE TO BE 3" LONG


NOTE: If Trim Lap Is More Than 3" Long, The Trim May Not Cover The Required Coverage Length.

MEMBER TABLE		
MARK	PART	LENGTH
MB-1	W12X30	17'-9 3/8"
MB-2	W12X30	17'-4 3/8"
MB-3	W12X30	17'-3 3/8"
MB-4	W12X30	17'-9"
MB-5	W12X30	17'-3 5/8"
MB-6	W12X30	17'-3"
MB-7	W12X14	24'-1 3/4"
MB-8	W12X14	24'-1 3/4"
MB-9	W12X14	4'-8 1/4"
MC-1	HSS 6x6x3/16	12'-7 5/8"
MJ-1	W12X14	4'-0 5/8"
MJ-2	W12X14	24'-11 3/4"
MJ-3	W12X26	24'-11 3/4"



FLOOR FRAMING & JOISTS: FLOOR 1

BUILDING NOTES

- * Top of Mezzanine Steel is @ 13'-0" above the Finished Floor.
- * The mezzanine deck is a 7.2 panel, 22 gauge, form deck with a 4" (2.5" of concrete above the flute) normal weight concrete slab. The minimum reinforcing in the slab shall be 6X6-W4.0xW4.0 located at the mid-point from top of slab to top of deck flute. The form deck shall be fastened to the mezzanine beams & joists with #12 TEK screws using a 36/5 fastener pattern. Also, provide (1) #10 TEK sidelap screw per deck span.
- * All joist spacing is as noted on this Sheet.
- * The hexagons with numbers signify the connection detail. The top number is the Connection Type and the bottom number is the quantity of 3/4" Diameter A325 bolts to be used in the connection. Locations without a designation will have a special connection design.
- * All Connections not listed shall use connection (U.N.O.): 
- * The number of rows of horizontal bridging is noted for each area
- * All exterior edge distances are shown in the drawing and use a L4x4x1/4 pour stop at the perimeters

APPROVAL DRAWINGS

- APPROVED AS DRAWN
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- NOT APPROVED

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JOB NAME: Rentfro Construction
PROJECT NAME: Mid-Cities Community Church

JOB LOCATION: Midland, TX 79707

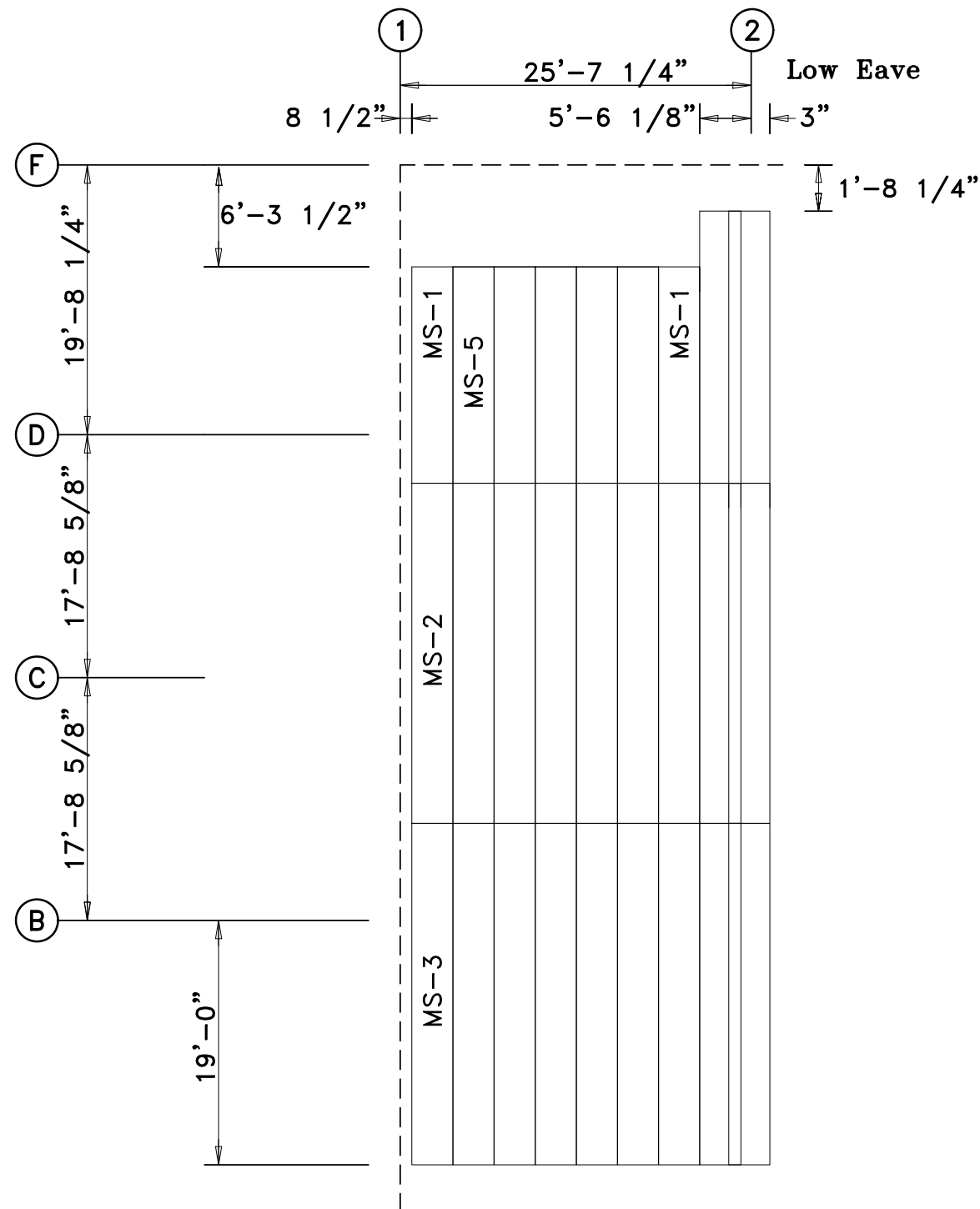
DRAWING TITLE: FLOOR FRAMING & JOISTS

DATE: 10/ 8/25

DET:

JOB NO.: 25073

PG.: E-6



FLOOR SHEETING & TRIM: FLOOR 1
 PANELS: 22 Ga. 72 - Need Color Trim

APPROVAL DRAWINGS

- APPROVED AS DRAWN
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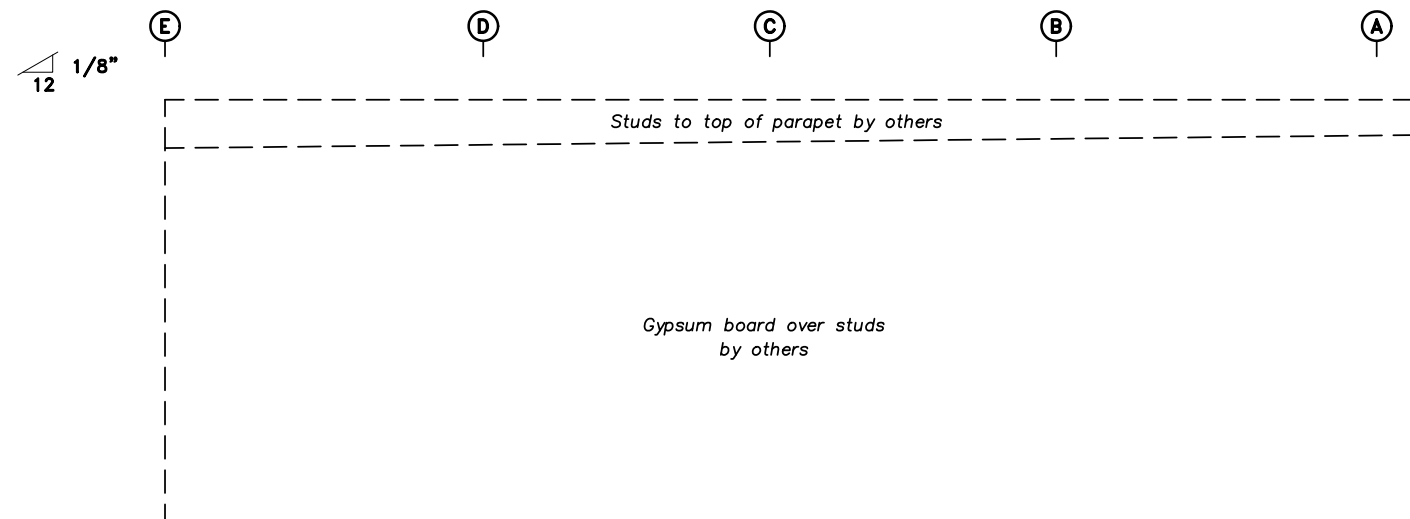
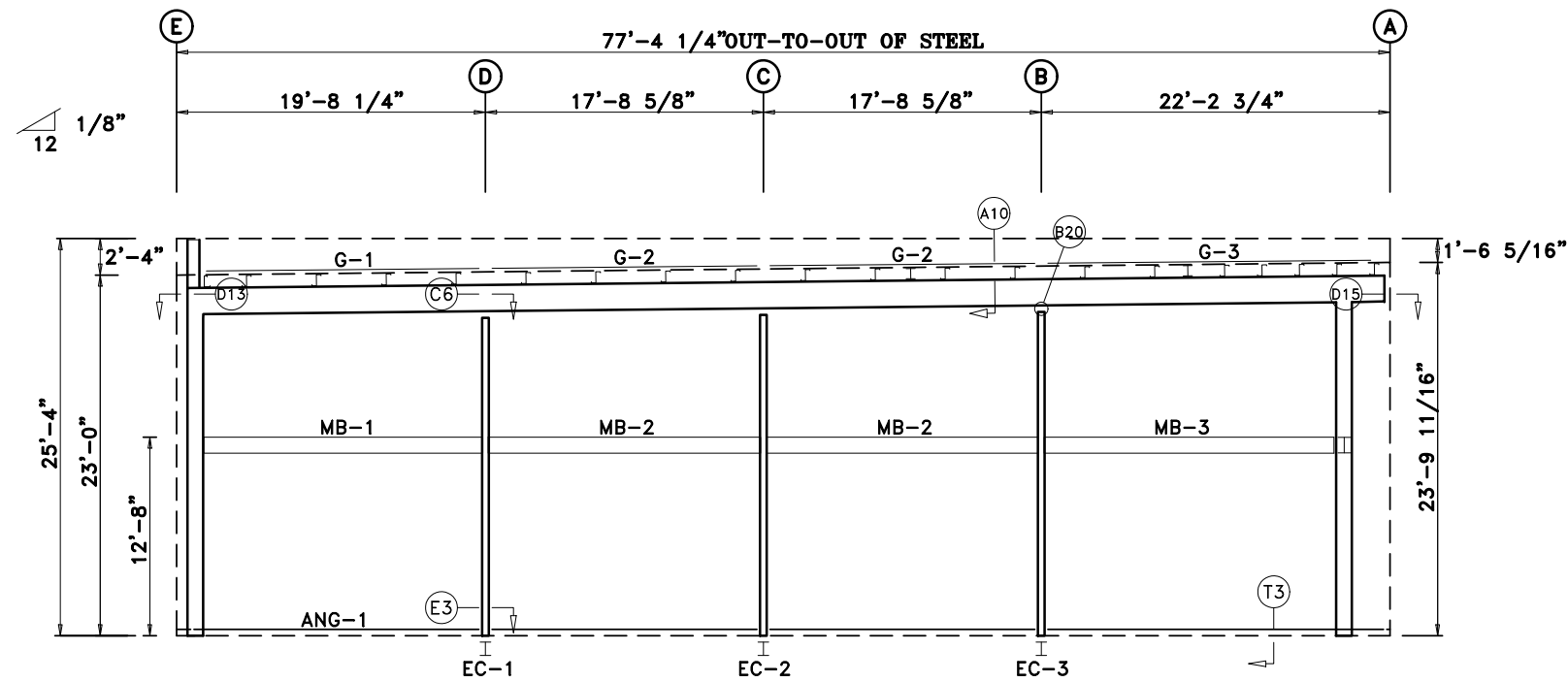
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JOB NAME: Rentfro Construction
 PROJECT NAME: Mid-Cities Community Church

JOB LOCATION: Midland, TX 79707

DRAWING TITLE: *FLOOR SHEETING & TRIM*

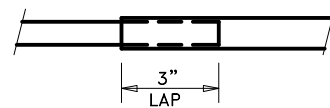
DATE: 10/ 8/25 DET: JOB NO.: 25073 PG.: E-8



ENDWALL SHEETING & TRIM: FRAME LINE 1

BOLT TABLE				
FRAME LINE 1				
LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	4	A325	3/4"	1 3/4"

MEMBER TABLE				
FRAME LINE 1				
QUAN	MARK	PART	LENGTH	
1	EC-1	W12X35	TBD	
1	EC-2	W12X35	TBD	
1	EC-3	W12X35	TBD	
1	G-1	L5X3X516	TBD	
2	G-2	L5X3X516	TBD	
1	G-3	L5X3X516	TBD	
1	MB-1	W12X30	TBD	
2	MB-2	W12X30	TBD	
1	MB-3	W12X30	TBD	



ALL TRIM LAPS ARE TO BE 3" LONG

NOTE: If Trim Lap Is More Than 3" Long, The Trim May Not Cover The Required Coverage Length.

APPROVAL DRAWINGS

- APPROVED AS DRAWN
- APPROVED AS NOTED
- NOT APPROVED

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JOB NAME: Rentfro Construction
PROJECT NAME: Mid-Cities Community Church

JOB LOCATION: Midland, TX 79707

DRAWING TITLE: *ENDWALL DRAWING*

DATE: 10/ 8/25

DET:

JOB NO.: 25073

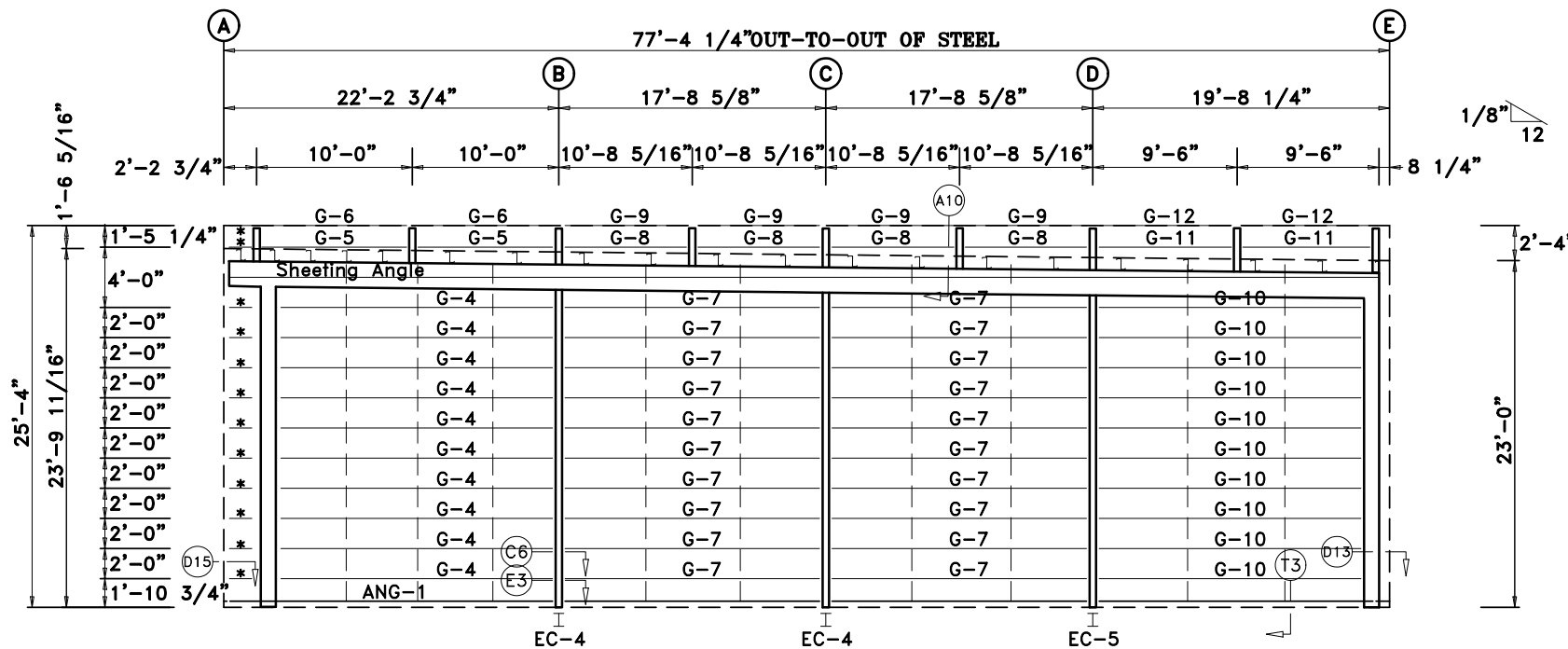
PG.: E-9

TRIM TABLE				
FRAME LINE 5				
ID	QUAN	PART	LENGTH	DETAIL
1	1	CAP8	1'-10"	TRIM #19
2	8	CAP8	10'-0"	TRIM #18

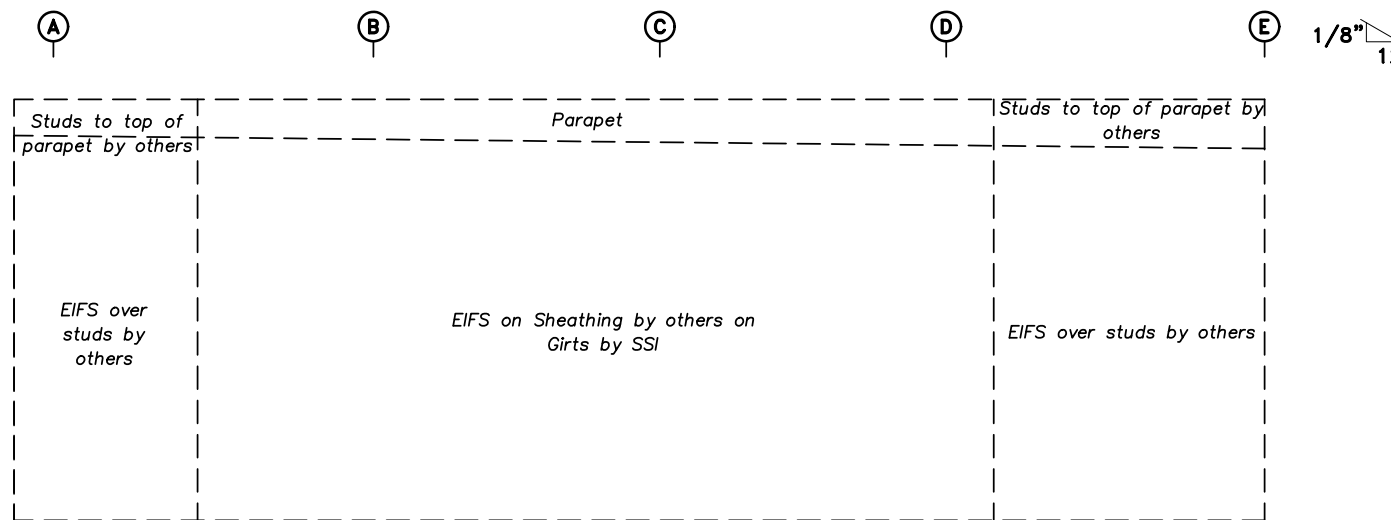
BOLT TABLE				
FRAME LINE 5				
LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	4	A325	3/4"	1 3/4"

MEMBER TABLE				
FRAME LINE 5				
QUAN	MARK	PART	LENGTH	
2	EC-4	W8X24	25'-4"	
1	EC-5	W8X24	25'-4"	
10	G-4	8x25Z16	21'-6 1/2"	
1	G-5	8x25C13	TBD	
1	G-6	8x25C13	TBD	
20	G-7	8x25Z16	17'-1 5/8"	
2	G-8	8x25C16	TBD	
2	G-9	8x25C16	TBD	
10	G-10	8x25Z16	17'-8"	
1	G-11	8x25C14	TBD	
1	G-12	8x25C14	TBD	

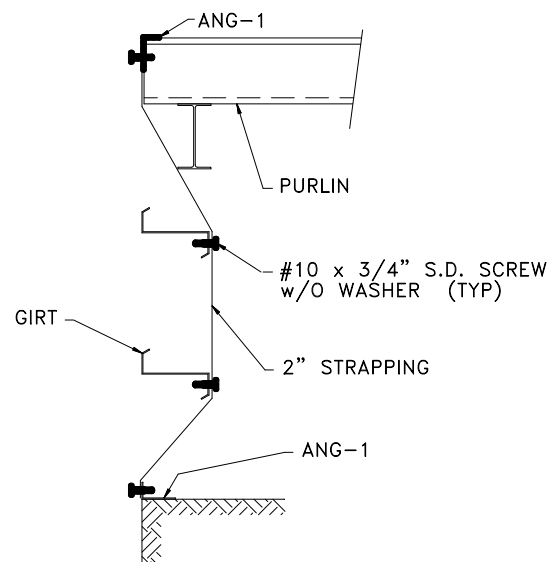
CONNECTION PLATES			
FRAME LINE 5			
ID	QUAN	MARK/PART	
1	3	n1	
2	2	d1	



ENDWALL FRAMING: FRAME LINE 5



ENDWALL SHEETING & TRIM: FRAME LINE 5



STRAPPING DETAIL FOR ENDWALL

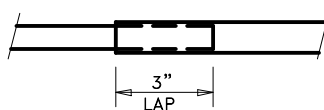
Note to detailer:
 Break parapet girts at extension beam columns as shown
 * Add girts as shown, reference endwall detail sheet
 Refer to endwall detail sheet for sheathing angle height
 Only strap the inside girt flanges

APPROVAL DRAWINGS

- APPROVED AS DRAWN
- APPROVED AS NOTED
- NOT APPROVED

____ INITIAL

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ALL TRIM LAPS ARE TO BE 3" LONG

NOTE: If Trim Lap Is More Than 3" Long, The Trim May Not Cover The Required Coverage Length.

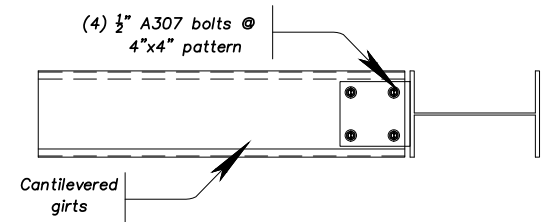
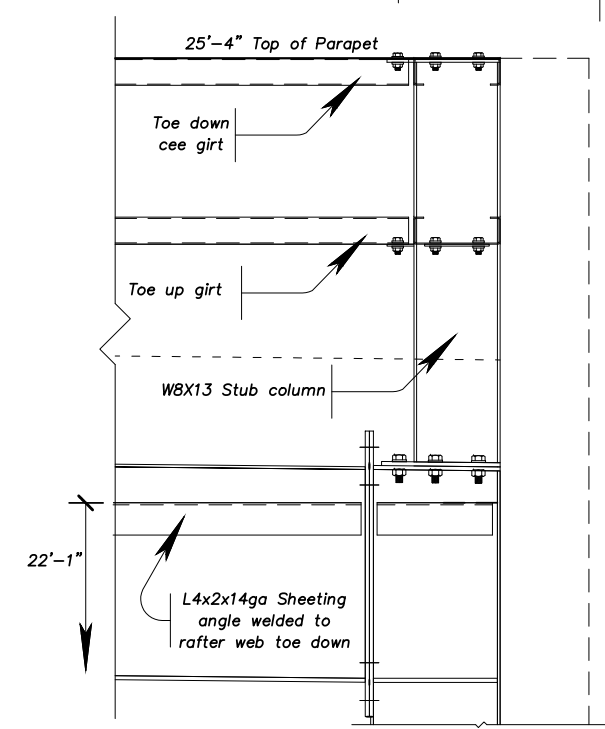
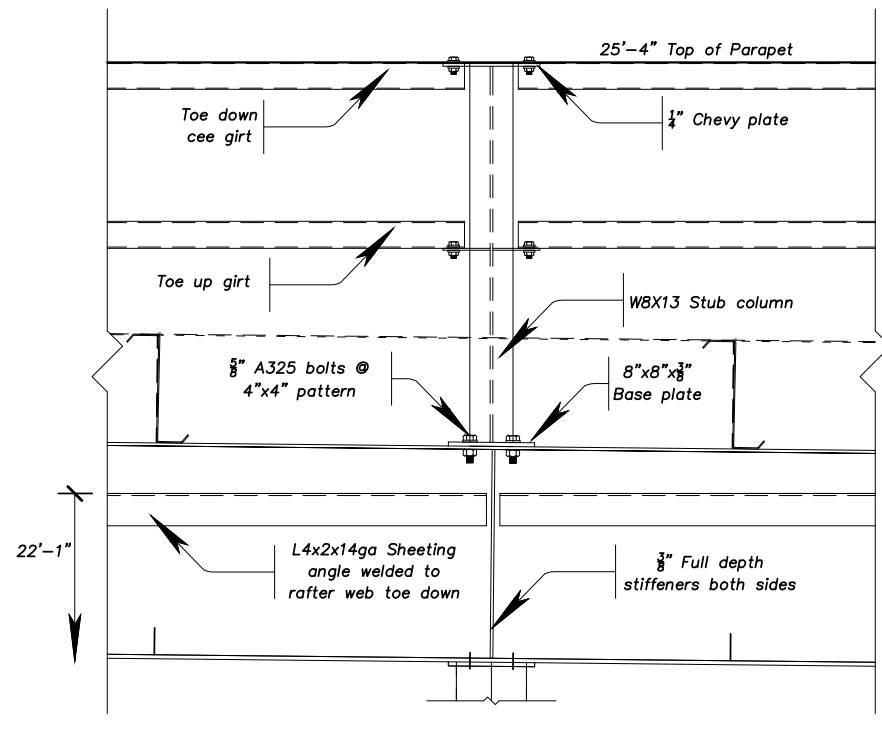
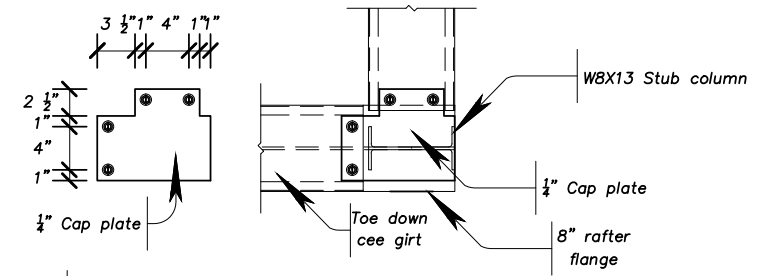
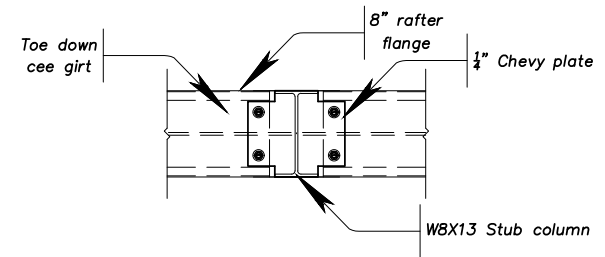
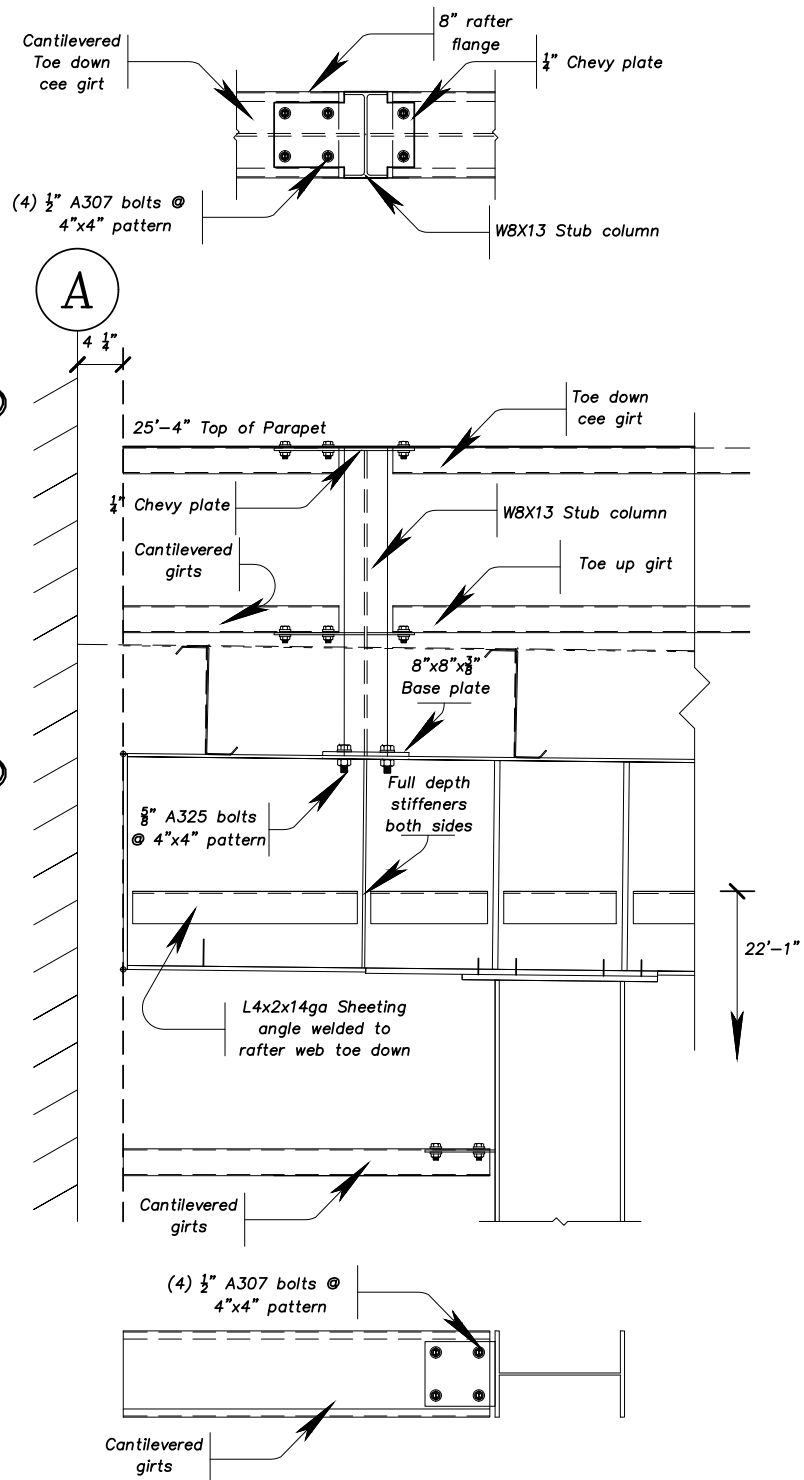
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 Metal Building Systems
 AC 472

APPROVAL & PERMIT

JOB NAME: Rentfro Construction
 PROJECT NAME: Mid-Cities Community Church
 JOB LOCATION: Midland, TX 79707
 DRAWING TITLE: **ENDWALL DRAWING**
 DATE: 10/ 8/25 DET: JOB NO.: 25073 PG.: E-10

Existing Building

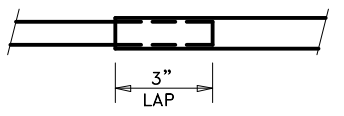


APPROVAL DRAWINGS

APPROVED AS DRAWN
 APPROVED AS NOTED
 NOT APPROVED

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NOTE: If Trim Lap Is More Than 3" Long, The Trim May Not Cover The Required Coverage Length.

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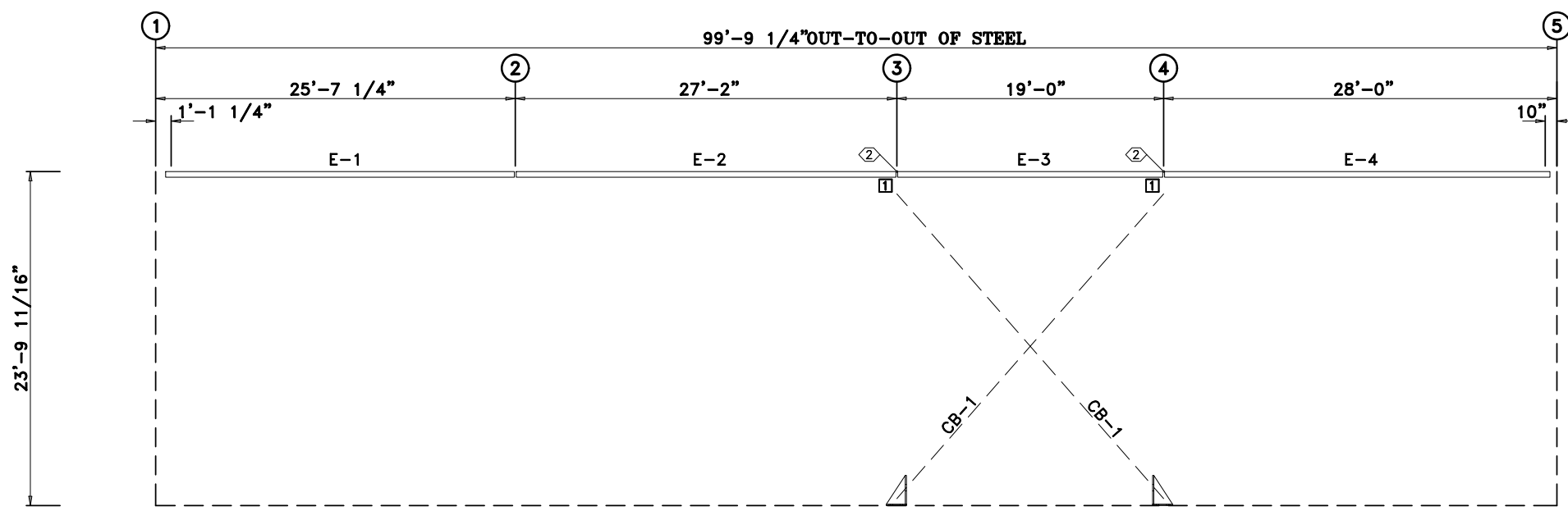
APPROVAL & PERMIT

JOB NAME: Rentfro Construction
 PROJECT NAME: Mid-Cities Community Church
 JOB LOCATION: Midland, TX 79707
 DRAWING TITLE: *ENDWALL DETAILS DRAWING*
 DATE: 10/ 8/25 DET: JOB NO.: 25073 PG.: E-11

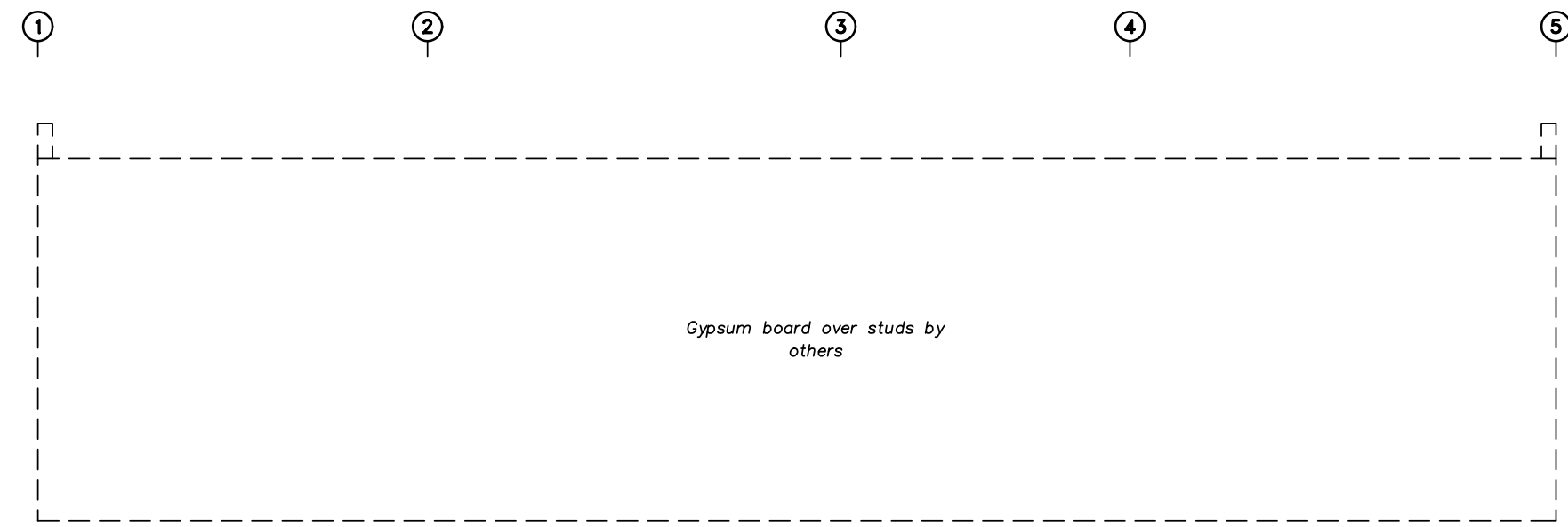
MEMBER TABLE			
FRAME LINE A			
QUAN	MARK	PART	LENGTH
1	E-1	10HEDS14	24'-10 1/4"
1	E-2	10HEDS14	27'-1 1/2"
1	E-3	10HEDS14	18'-11 1/2"
1	E-4	10HEDS14	27'-5 1/2"
2	CB-1	1/2_CBL	26'-10"

SPECIAL BOLTS					
ID	QUAN	TYPE	DIA	LENGTH	WASH
2	4	A325	1/2"	1 1/4"	0

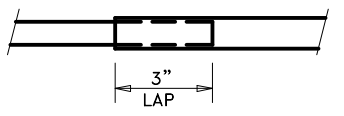
CONNECTION PLATES			
FRAME LINE A			
ID	QUAN	MARK/PART	
1	2	ECP-2	



SIDEWALL FRAMING AT EXISTING BUILDING



SIDEWALL SHEETING & TRIM AT EXISTING BUILDING



ALL TRIM LAPS ARE TO BE 3" LONG

NOTE: If Trim Lap Is More Than 3" Long, The Trim May Not Cover The Required Coverage Length.

APPROVAL DRAWINGS

- APPROVED AS DRAWN
- APPROVED AS NOTED
- NOT APPROVED

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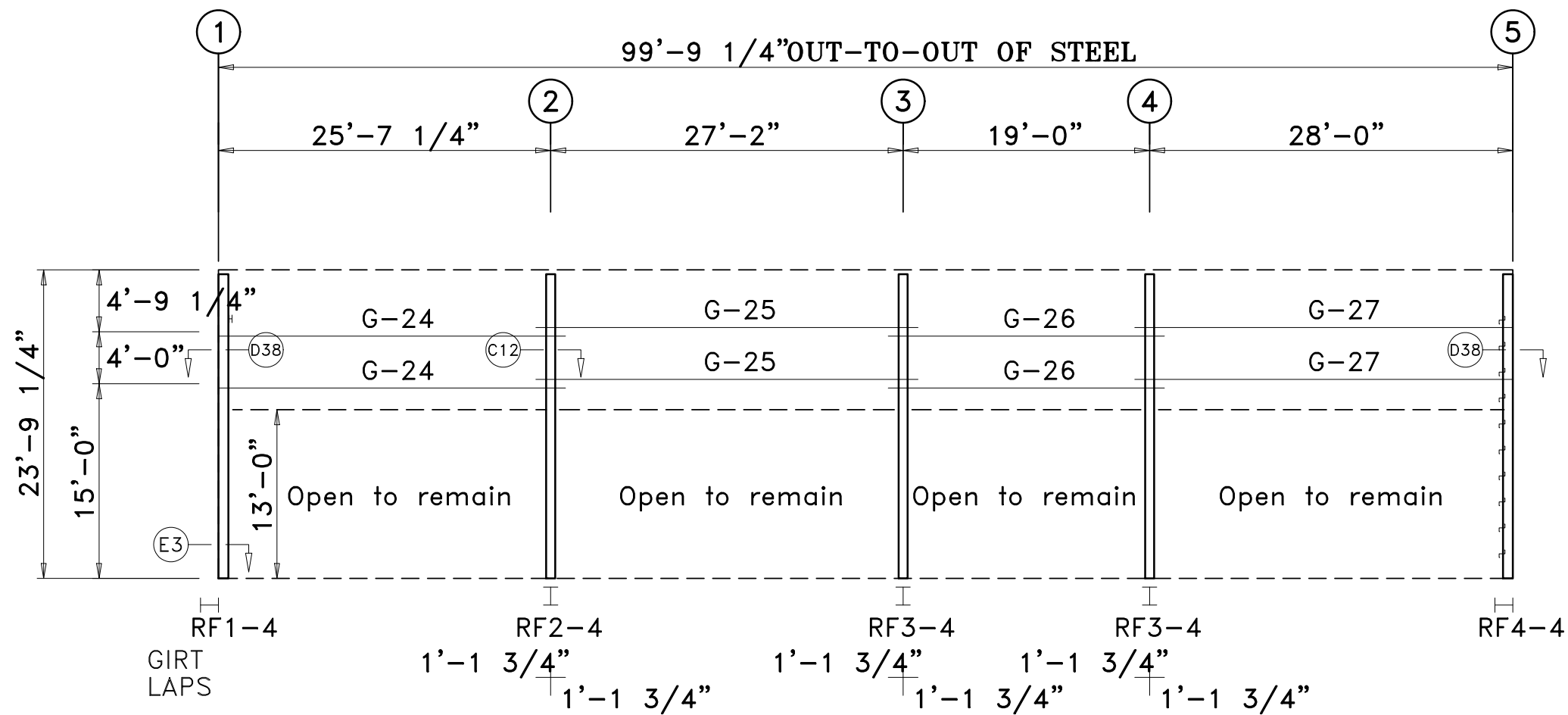
JOB NAME: Rentfro Construction
 PROJECT NAME: Mid-Cities Community Church

JOB LOCATION: Midland, TX 79707

DRAWING TITLE: *SIDEWALL DRAWING*

DATE: 10/ 8/25 DET: JOB NO.: 25073 PG.: E-12

MEMBER TABLE			
PARTITION 1			
QUAN	MARK	PART	LENGTH
2	G-24	12x35Z14	25'-3 1/2"
2	G-25	12x35Z14	29'-5 1/2"
2	G-26	12x35Z14	21'-3 1/2"
2	G-27	12x35Z14	28'-9 1/2"



PARTITION 1 FRAMING

APPROVAL DRAWINGS

- APPROVED AS DRAWN
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- NOT APPROVED

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JOB NAME: Rentfro Construction
PROJECT NAME: Mid-Cities Community Church

JOB LOCATION: Midland, TX 79707

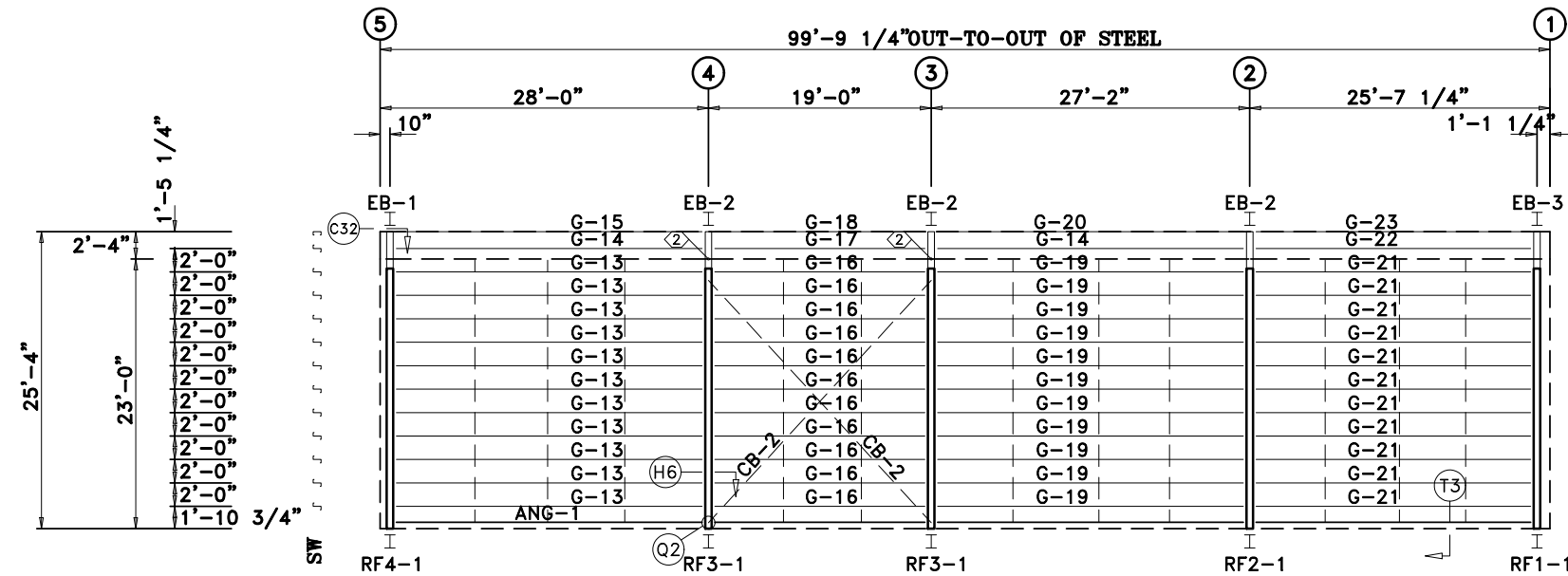
DRAWING TITLE: PARTITION FRAMING

DATE: 10/ 8/25

DET:

JOB NO.: 25073

PG.: E-13



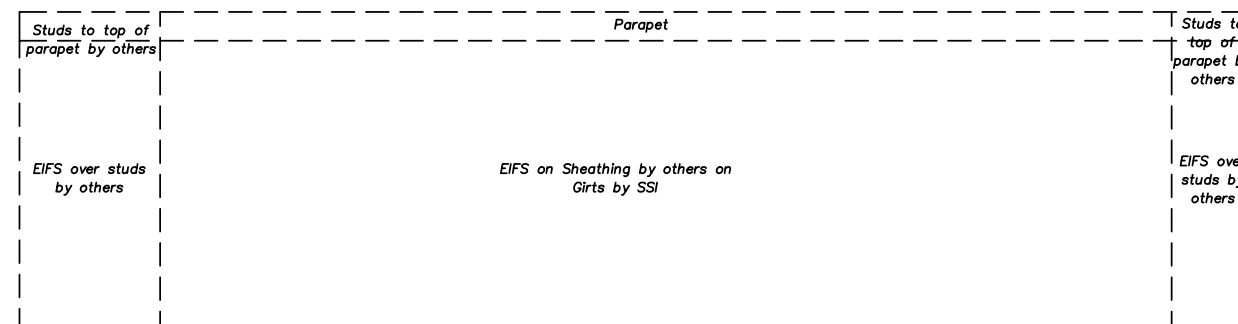
SIDEWALL FRAMING: FRAME LINE E

TRIM TABLE				
FRAME LINE E				
ID	QUAN	PART	LENGTH	DETAIL
1	2	IA4X4W/H	2'-7"	TRIM #25
2	11	CAP8	9'-4"	TRIM #18

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

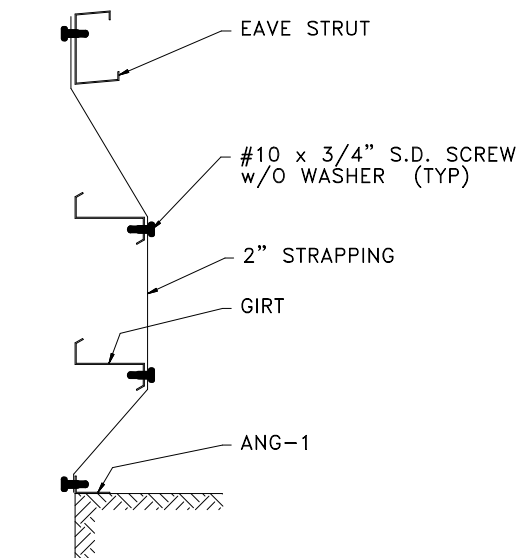
MEMBER TABLE				
FRAME LINE E				
QUAN	MARK	PART	LENGTH	
1	EB-1	W8X13	3'-2"	
3	EB-2	W8X13	3'-2"	
1	EB-3	W8X13	3'-2"	
11	G-13	8x25Z13	27'-1 1/2"	
2	G-14	8x25Z13	26'-9 1/2"	
1	G-15	8x25C16	27'-9 1/2"	
11	G-16	8x25Z16	18'-3 1/2"	
1	G-17	8x25Z16	18'-7 1/2"	
1	G-18	8x25C16	18'-7 1/2"	
11	G-19	8x25Z13	26'-5 1/2"	
1	G-20	8x25C16	26'-9 1/2"	
11	G-21	8x25Z16	24'-6 1/4"	
1	G-22	8x25Z16	24'-1 1/2"	
1	G-23	8x25C16	25'-4 3/4"	
2	CB-2	1/2_CBL	26'-3"	

SPECIAL BOLTS					
ID	QUAN	TYPE	DIA	LENGTH	WASH
2	4	A325	1/2"	1 1/4"	0

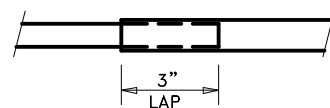


SIDEWALL SHEETING & TRIM: FRAME LINE E

Note to detailer:
Only strap the inside girt flanges



STRAPPING DETAIL FOR SIDEWALL



ALL TRIM LAPS ARE TO BE 3" LONG

NOTE: If Trim Lap Is More Than 3" Long, The Trim May Not Cover The Required Coverage Length.

APPROVAL DRAWINGS

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- NOT APPROVED

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JOB NAME: Rentfro Construction
PROJECT NAME: Mid-Cities Community Church

JOB LOCATION: Midland, TX 79707

DRAWING TITLE: *SIDEWALL DRAWING*

DATE: 10/ 8/25

DET:

JOB NO.: 25073

PG.: E-14

SPLICE PLATE & BOLT TABLE

Mark	Qty Top	Qty Bot	Int	Type	Dia	Length	Width	Thick	Length
SP1	4	4	0	A325	5/8"	1 3/4"	8"	3/8"	2'-2 1/2"
SP2	4	4	0	A325	5/8"	1 3/4"	6"	3/8"	2'-2"
SP3							6"	3/8"	1'-8"

CAP PLATE BOLTS

Mark	Qty	Type	Dia	Length
EC-1	4	A325	3/4"	1 3/4"
EC-2	4	A325	3/4"	1 3/4"
EC-3	4	A325	3/4"	1 3/4"
RF1-4	8	A325	3/4"	1 3/4"

MEMBER TABLE

Mark	Web Depth		Web Plate		Outside Flange			Inside Flange		
	Start/End	Thick	Length	Thick	Length	W x Thk x Length	W x Thk x Length	W x Thk x Length	W x Thk x Length	
RF1-1	11.5/11.5	0.188	240.0	0.188	25.5	8 x 1/4" x 265.3	8 x 1/4" x 242.5			
RF1-2	19.4/19.4	0.188	214.2	0.188	25.5	8 x 3/8" x 11.7	6 x 3/8" x 454.2			
RF1-3	19.4/19.4	0.188	240.0	0.188	208.2	6 x 1/4" x 448.2	6 x 3/8" x 398.7			
EC-1	19.4/19.4	0.188	240.0	0.188	240.0		6 x 3/8" x 28.1			
EC-2	11.5/11.5	0.188	240.0	0.188	14.4	8 x 1/4" x 254.3	8 x 1/4" x 254.4			
RF1-4	11.5/11.5	0.188	240.0	0.188	14.4					
EB-3	W8X13									

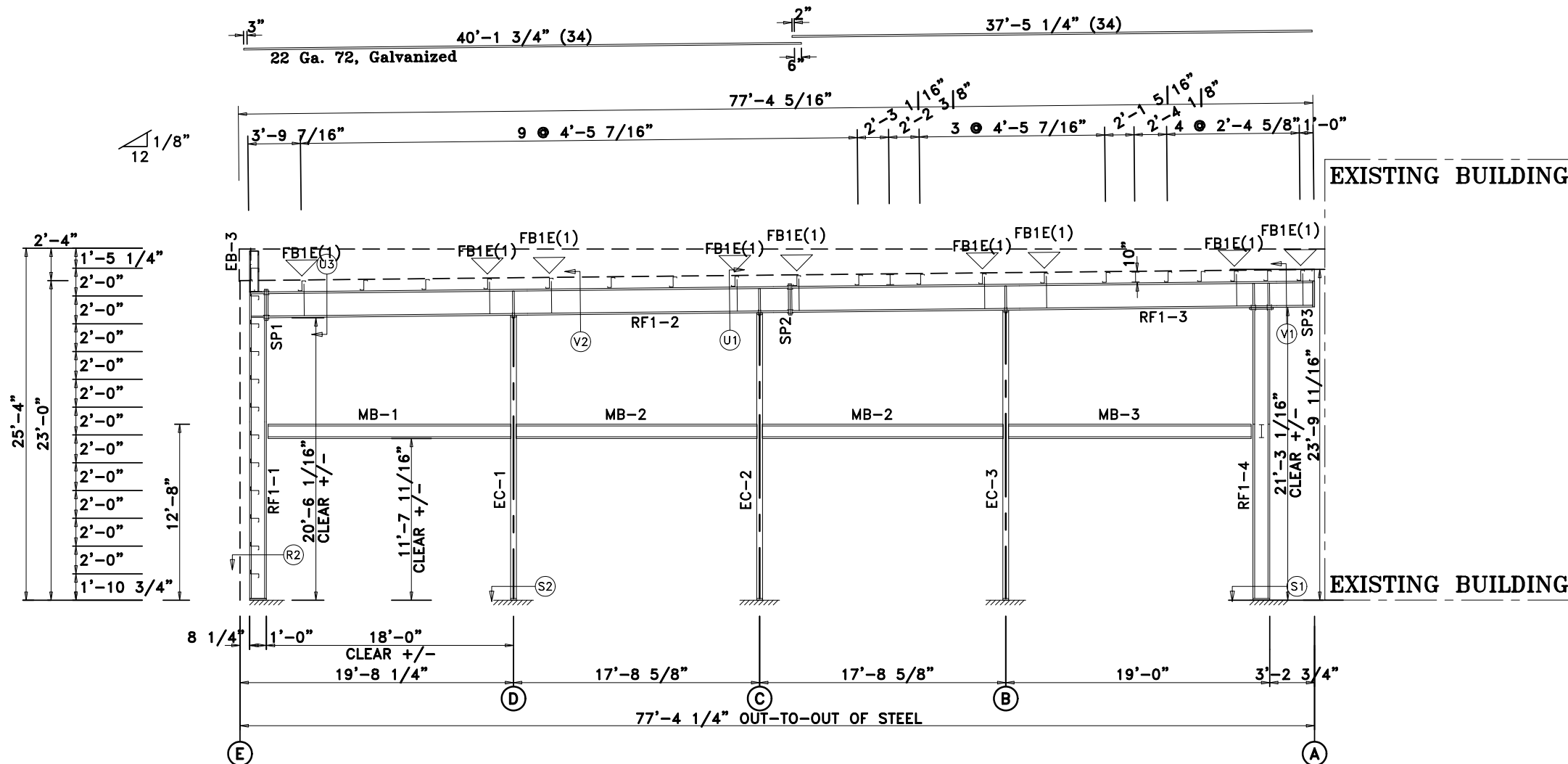
SUPPORT BEAM BOLT TABLE

ID	Qty	Type	Dia	Length
S1	3	A325	3/4"	1 3/4"
S2	0	A325	3/4"	1 3/4"
S3	0	A325	3/4"	1 3/4"
S4	0	A325	3/4"	1 3/4"
S5	0	A325	3/4"	1 3/4"
S6	0	A325	3/4"	1 3/4"
S7	0	A325	3/4"	1 3/4"
S8	6	A325	3/4"	1 3/4"

FLANGE BRACES: Both Sides(U.N.)
 FBxxE(1)
 E - F3X3X316

BEAM TABLE

Mark	Part	Length
MB-1	W12X30	
MB-2	W12X30	
MB-3	W12X30	



RIGID FRAME SECTION: FRAME LINE 1

APPROVAL DRAWINGS

- APPROVED AS DRAWN
- APPROVED AS NOTED
- NOT APPROVED

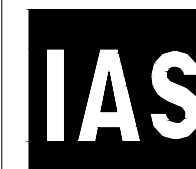
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APPROVAL & PERMIT

JOB NAME: Rentfro Construction

PROJECT NAME: Mid-Cities Community Church

JOB LOCATION: Midland, TX 79707

DRAWING TITLE: RIGID FRAME SECTION

DATE: 10/ 8/25

DET:

JOB NO.: 25073

PG.: E-15

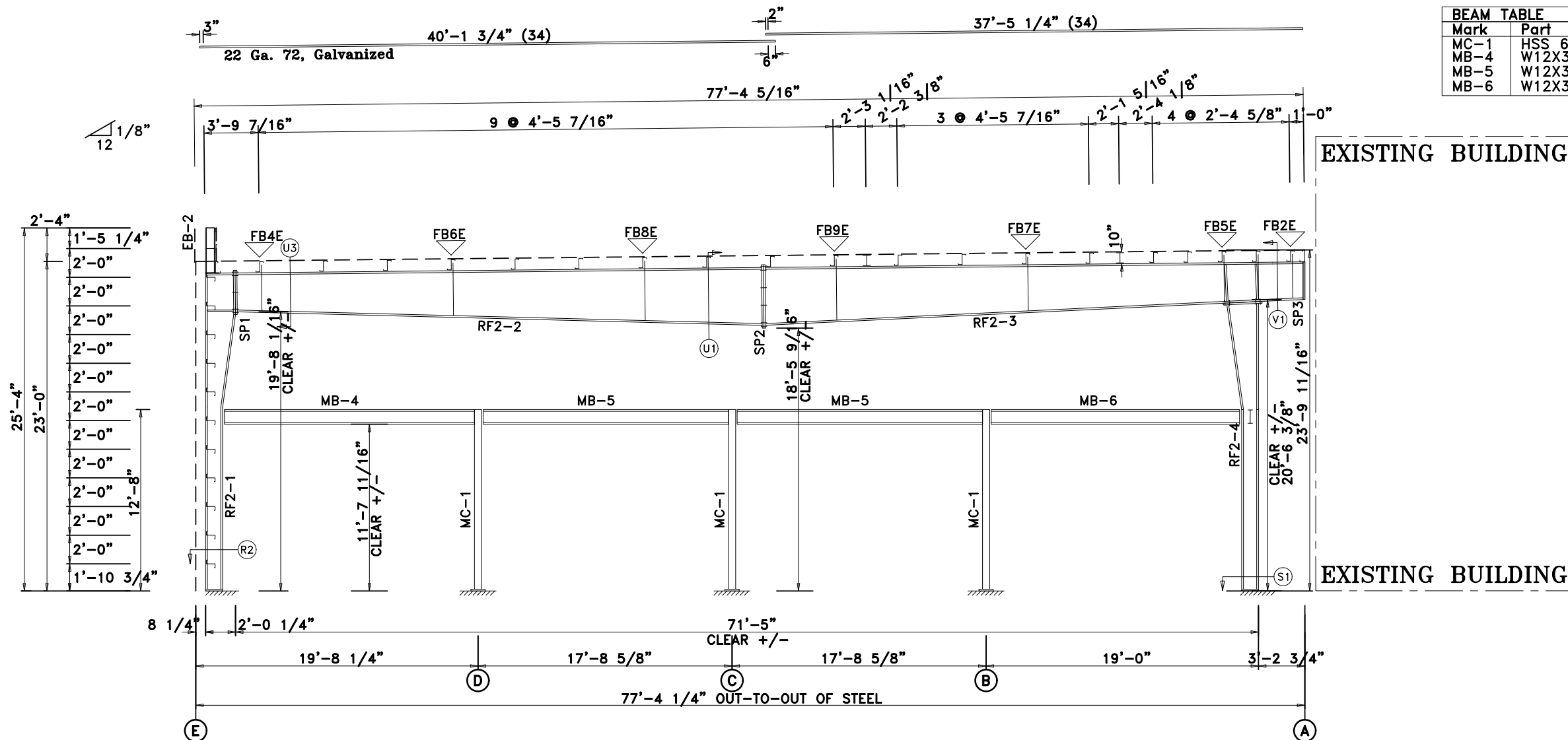
SPLICE PLATE & BOLT TABLE										CAP PLATE BOLTS					
Mark	Qty	Top	Bot	Int	Type	Dia	Length	Width	Thick	Length	Mark	Qty	Type	Dia	Length
SP1	4	4	2		A325	3/4"	2 1/4"	8"	5/8"	3'-0 1/2"	RF2-4	8	A325	7/8"	2 3/4"
SP2	4	4	4		A325	3/4"	2 1/4"	8"	5/8"	4'-4 1/2"					
SP3								8"	3/8"	2'-5 1/2"					

SUPPORT BEAM BOLT TABLE				
ID	Qty	Type	Dia	Length
S1	3	A325	3/4"	1 3/4"
S2	2	A325	3/4"	1 3/4"
S3	6	A325	3/4"	1 3/4"

MEMBER TABLE						
Mark	Web Depth		Web Plate		Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
	Start/End	Thick	Length	Length		
RF2-1	11.3/11.3	0.250	153.6		8 x 1/4" x 265.3	8 x 1/2" x 153.6
	11.3/23.5	0.250	112.0		8 x 3/8" x 23.4	8 x 1/2" x 79.9
RF2-2	29.5/36.8	0.188	201.6		8 x 3/8" x 441.6	8 x 3/8" x 441.6
	36.8/45.5	0.188	240.0			
RF2-3	45.5/36.4	0.188	240.0		8 x 3/8" x 447.9	8 x 3/8" x 385.8
	36.4/28.5	0.250	207.9			8 x 3/8" x 22.1
RF2-4	11.1/11.1	0.250	151.6		8 x 1/2" x 151.6	8 x 3/8" x 243.2
	11.1/23.5	0.250	91.6			
EB-2	W8X13					

BEAM TABLE		
Mark	Part	Length
MC-1	HSS 6x6x3/16	
MB-4	W12X30	
MB-5	W12X30	
MB-6	W12X30	

FLANGE BRACES: Both Sides(U.N.)
 FBxxE(1)
 E - F3X3X316



RIGID FRAME SECTION: FRAME LINE 2

APPROVAL DRAWINGS

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- NOT APPROVED

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APPROVAL & PERMIT

JOB NAME: Rentfro Construction
 PROJECT NAME: Mid-Cities Community Church

JOB LOCATION: Midland, TX 79707

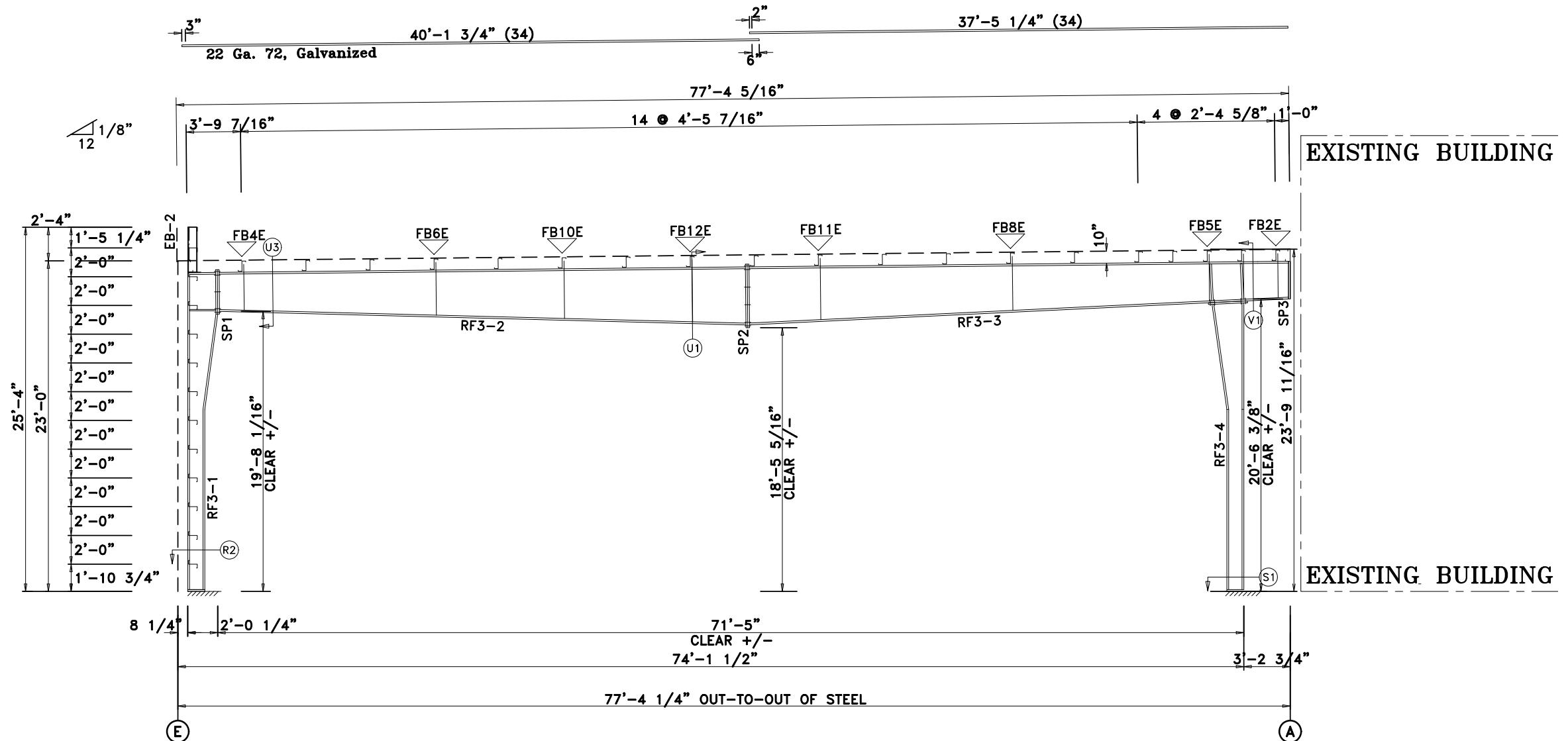
DRAWING TITLE: RIGID FRAME SECTION

DATE: 10/ 8/25 DET: JOB NO.: 25073 PG.: E-16

SPLICE PLATE & BOLT TABLE										CAP PLATE BOLTS				
Mark	Qty Top	Qty Bot	Int	Type	Dia	Length	Width	Thick	Length	Mark	Qty	Type	Dia	Length
SP1	4	4	2	A325	3/4"	2"	8"	1/2"	3'-0 1/2"	RF3-4	8	A325	3/4"	2"
SP2	4	4	4	A325	7/8"	2 3/4"	8"	3/4"	4'-5"					
SP3							8"	3/8"	2'-5 1/2"					

MEMBER TABLE										
Mark	Web Depth		Web Plate		Outside Flange			Inside Flange		
	Start/End	Thick	Length	Thick	Length	W x Thk x Length	W x Thk x Length	W x Thk x Length	W x Thk x Length	
RF3-1	11.3/11.3	0.250	151.4	0.250	114.0	8 x 1/4" x 265.1	8 x 1/2" x 151.3			
RF3-2	11.3/23.5	0.250	114.0	0.188	201.7	8 x 3/8" x 23.4	8 x 1/2" x 81.9			
	29.5/36.8	0.188	201.7	0.188	240.0	8 x 3/8" x 441.7	8 x 3/8" x 442.0			
RF3-3	36.8/45.5	0.188	240.0	0.188	240.0			8 x 3/8" x 447.8	8 x 3/8" x 386.0	
	45.5/36.4	0.188	240.0	0.250	207.8			8 x 3/8" x 22.1	8 x 3/8" x 243.6	
RF3-4	11.1/11.1	0.250	151.5	0.250	92.1	8 x 1/2" x 151.5	8 x 1/2" x 91.8			
EB-2	W8X13									

▽ FLANGE BRACES: Both Sides(U.N.)
 FBxxE(1)
 E - F3X3X316



RIGID FRAME SECTION: FRAME LINE 3 4

APPROVAL DRAWINGS	
<input type="checkbox"/>	APPROVED AS DRAWN
<input type="checkbox"/>	APPROVED AS NOTED
<input type="checkbox"/>	NOT APPROVED
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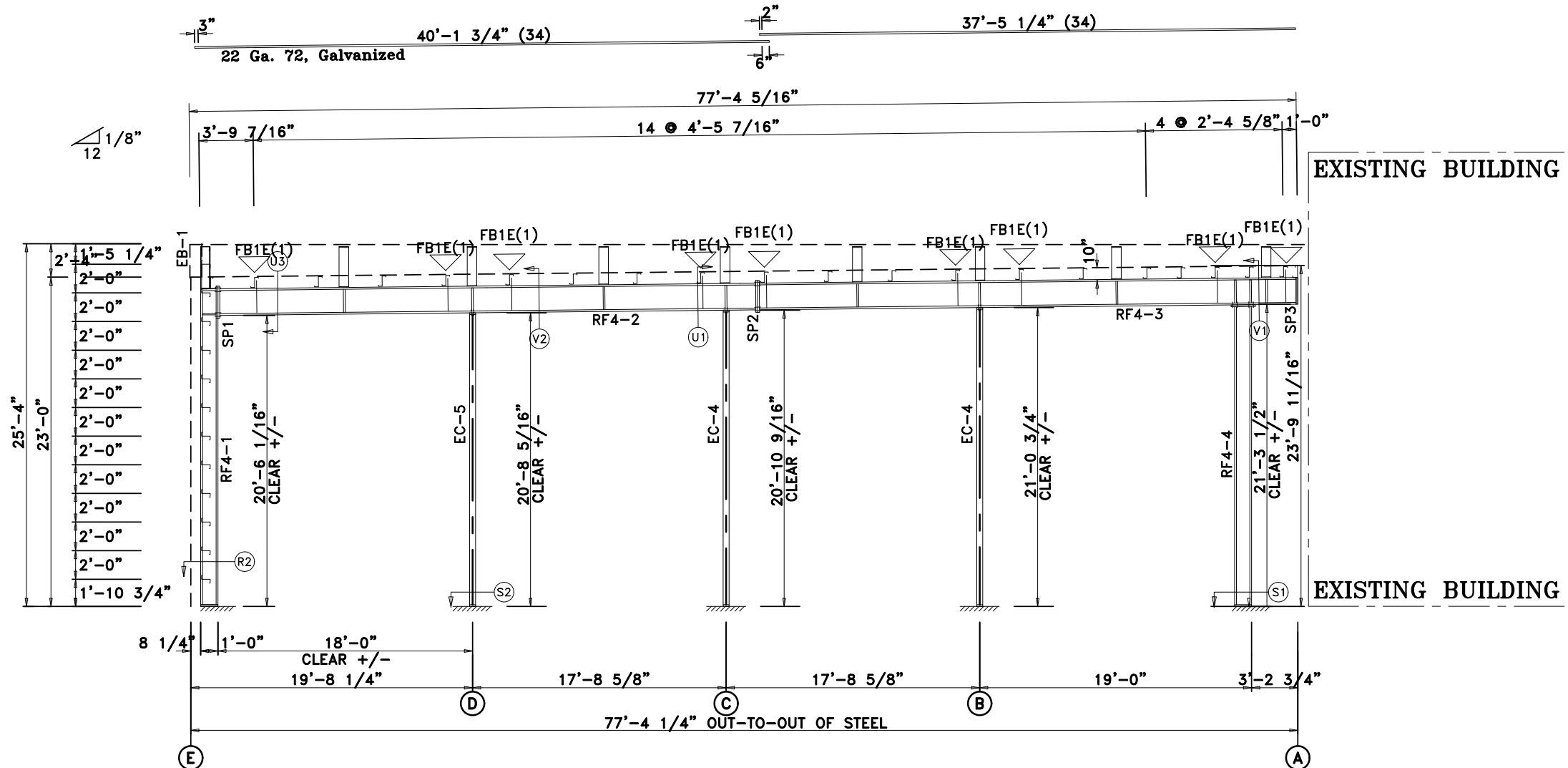
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APPROVAL & PERMIT			
JOB NAME: Rentfro Construction			
PROJECT NAME: Mid-Cities Community Church			
JOB LOCATION: Midland, TX 79707			
DRAWING TITLE: RIGID FRAME SECTION			
DATE: 10/ 8/25	DET:	JOB NO.: 25073	PG.: E-17

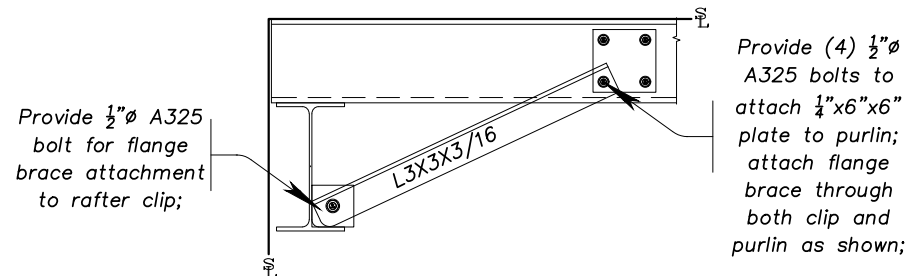
SPLICE PLATE & BOLT TABLE										CAP PLATE BOLTS				
Mark	Qty Top	Qty Bot	Int	Type	Dia	Length	Width	Thick	Length	Mark	Qty	Type	Dia	Length
SP1	4	4	0	A325	5/8"	1 3/4"	8"	3/8"	2'-2 1/2"	EC-5	4	A325	3/4"	1 3/4"
SP2	4	4	0	A325	5/8"	1 3/4"	8"	3/8"	2'-2"	EC-4	4	A325	3/4"	1 3/4"
SP3							8"	3/8"	1'-8"	RF4-4	8	A325	3/4"	2"

MEMBER TABLE						
Mark	Web Depth		Web Plate		Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
	Start/End	Thick	Length	Length		
RF4-1	11.5/11.5	0.188	240.0		8 x 1/4" x 265.3	8 x 1/4" x 242.5
RF4-2	11.5/11.5	0.188	25.5		8 x 3/8" x 11.7	
	19.4/19.4	0.188	214.2		8 x 1/4" x 454.0	8 x 3/8" x 454.2
RF4-3	19.4/19.4	0.188	240.0		8 x 1/4" x 448.2	8 x 3/8" x 398.8
	19.4/19.4	0.188	208.2			
EC-5	W8X24					
EC-4	W8X24					
RF4-4	11.3/11.3	0.188	240.0		8 x 3/8" x 254.0	8 x 3/8" x 254.1
EB-1	W8X13					

▽ FLANGE BRACES: Both Sides(U.N.)
 FBxxE(1)
 E - F3X3X316



RIGID FRAME SECTION: FRAME LINE 5



Frame Line 5 - Special Flange Brace E Detail

APPROVAL DRAWINGS	
<input type="checkbox"/>	APPROVED AS DRAWN
<input type="checkbox"/>	APPROVED AS NOTED
<input type="checkbox"/>	NOT APPROVED
____ INITIAL	
Please Check And Approve All Dimensions And Conditions. STANDARD STRUCTURES Must Be Notified Of Any Changes.	

STANDARD STRUCTURES INC. MANUFACTURER OF METAL BUILDINGS & COMPONENTS P.O. BOX 1912 ODESSA, TX. 79760 1-800-240-0335	ACCREDITED™ Metal Building Systems AC 472
JOB NAME: Rentfro Construction PROJECT NAME: Mid-Cities Community Church JOB LOCATION: Midland, TX 79707	
DRAWING TITLE: RIGID FRAME SECTION	
DATE: 10/ 8/25	DET: _____
JOB NO.: 25073	PG.: E-18