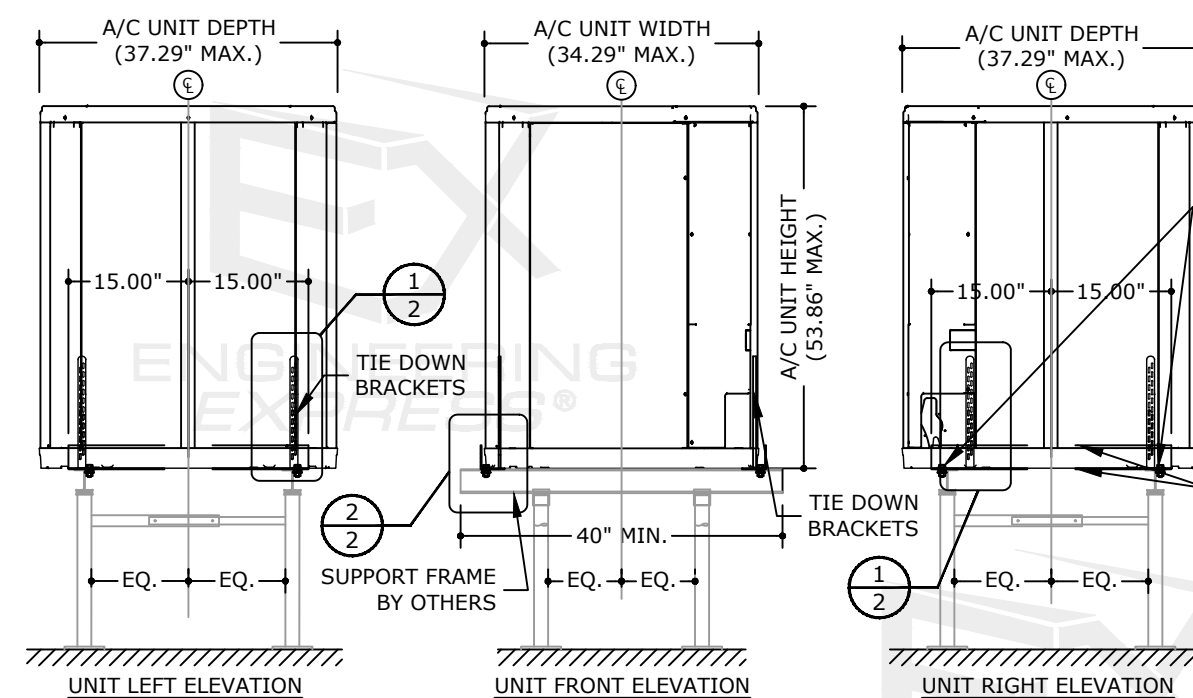


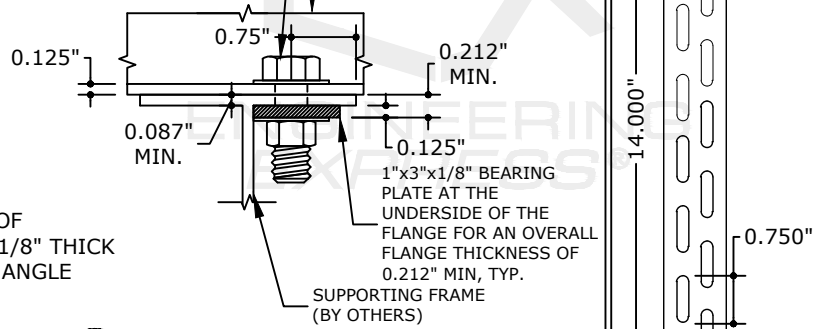
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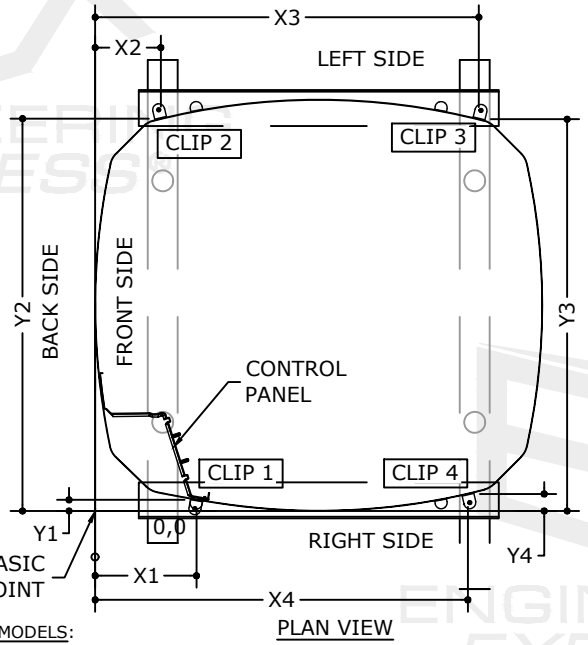
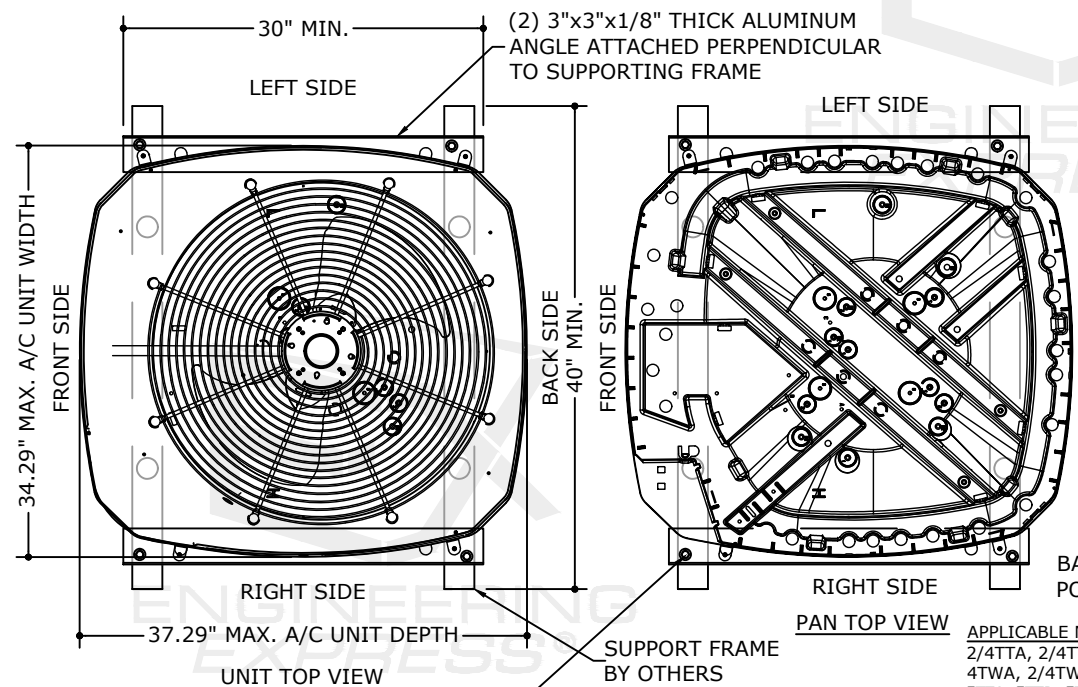
ATTACH ALUMINUM ANGLE TO SUPPORTING FRAME W/ 3/8"-16 x 1" SS HEX HEAD BOLT WITH 7/8"x.040" THICK WASHER AT TOP AND 3"x1"x1/8" THICK BEARING PLATE WITH 7/8"x.040" THICK WASHER AT BOTTOM WITH 9/16" NUT AT EACH CONNECTION POINT

(2) 3/8"-16 x 1" SS HEX HEAD BOLTS PER ANGLE

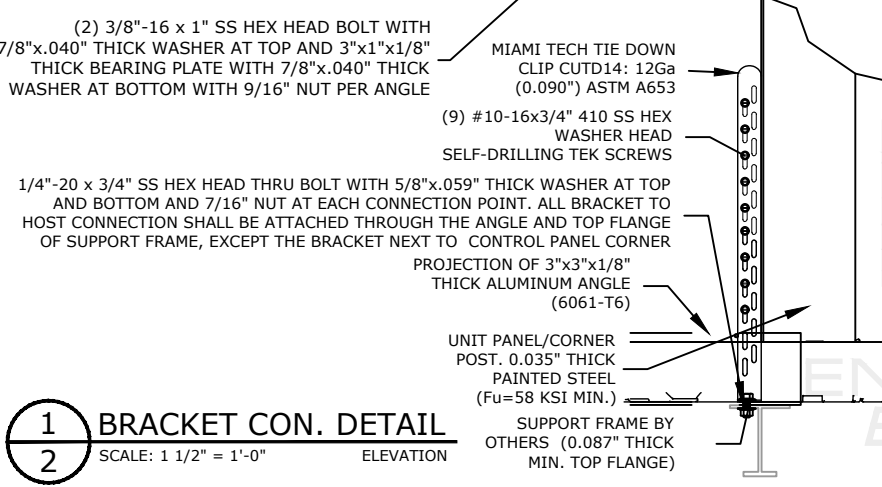
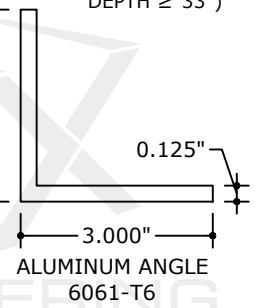
3"x3"x1/8" ALUM. ANGLE ATTACHED PERPENDICULAR TO SUPPORTING FRAME, TYP.



**2 REINFORCING PLATE**  
SCALE: 6" = 1'-0" SECTION



**TIE-DOWN BRACKET**  
MIAMI TECH CLIP CUTD14: 12Ga (0.090") ASTM A653, MIAMI TECH KIT # TASSB30K (FOR MODELS WHERE DEPTH < 33") AND TASSB36K (FOR MODELS WHERE DEPTH ≥ 33")



**1 BRACKET CON. DETAIL**  
SCALE: 1 1/2" = 1'-0" ELEVATION

APPLICABLE MODELS:  
2/4TTA, 2/4TTB, 4TTR, 4TTX, 4TTZ, 4TTV, 4TWA, 2/4TWB, 4TWR, 4TWX, 4TWZ, 4TWW, 5TTA, 5TTR, 5TTV, 5TTX, 5TWA, 5TWR, 5TWW, 5TWX

DESIGNATION	ITEM	UNIT WEIGHT (LB)	UNIT DIMENSIONS (IN)			ANCHOR LOCATION DIMENSIONS (IN)							
			WIDTH	DEPTH	HEIGHT	CLIP 1		CLIP 2		CLIP 3		CLIP 4	
						X1	Y1	X2	Y2	X3	Y3	X4	Y4
TYPE XB / XR / XV	1	120	25.69	28.42	32.77	6 1/2	5/8	4 1/8	24 1/8	24 3/8	24 7/8	23 5/8	1
	2	120	25.69	28.42	25.60	6 1/2	5/8	4 1/8	24 1/8	24 3/8	24 7/8	23 5/8	1
	3	120	29.69	32.65	40.70	7 3/8	3/4	4 3/8	28 1/4	28	28 1/4	27 1/4	1 1/4
	4	120	29.69	32.65	28.77	7 3/8	3/4	4 3/8	28 1/4	28	28 1/4	27 1/4	1 1/4
	5	245	34.29	37.29	45.77	8 1/2	7/8	5 1/2	32 3/4	32	32 1/2	31	1 3/8
TYPE XL / XV	6	120	34.29	37.29	29.18	8 1/2	7/8	5 1/2	32 3/4	32	32 1/2	31	1 3/8
	7	302	34.29	37.29	51.44	8 1/2	7/8	5 1/2	32 3/4	32	32 1/2	31	1 3/8
	8	120	29.69	32.65	46.38	7 3/8	3/4	4 3/8	28 1/4	28	28 1/4	27 1/4	1 1/4
	9	120	34.29	37.29	39.44	8 1/2	7/8	5 1/2	32 3/4	32	32 1/2	31	1 3/8
	10	120	29.69	32.65	38.38	7 3/8	3/4	4 3/8	28 1/4	28	28 1/4	27 1/4	1 1/4

APPROVED DESIGN PRESSURES (ASD):

LATERAL	UPLIFT
200 PSF	100 PSF

FL 19588.4

**ENGINEERING EXPRESS**  
POSTAL ADDRESS:  
2234 NORTH FEDERAL HWY # 7664  
BOCA RATON, FL 33431  
ENGINEERINGEXPRESS.COM

**TRANE TECHNOLOGIES**  
6200 TROUP HWY  
TYLER, TX 75707  
PHONE: (903) 730-4602  
TRANE CONDENSER (ROOF MOUNTED)  
FLORIDA BUILDING CODE EIGHTH EDITION (2023)  
FLORIDA STATEWIDE APPROVAL (FSA)

REMARKS	DRWN	CHKD	DATE
PREV. SUBMITTAL (20-28847)	CCB	RWV	11/19/21
2023 FBC UPDATE	EPR	RWV	10/23/23
ADD MODELS	EPR	EPR	02/21/24

23-68294

SCALE: NTS UNLESS NOTED

2 OF 3

c:\users\eric\engineering express\production - documents\projects\23-123-68294\_2023 fbc update trane condenser-roof mounted-steel tie-down clip system\work\2023 fbc - fba\drawings & cad\23-68294e - fl19588.4 - dwg4.dwg



