

# WALK-IN COOLER & FREEZER

ANCHOR BOLTS.

2018 INTERNATIONAL BUILDING CODE (IBC).

THESE APPROVED DRAWINGS. SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER AND BUILDING DEPARTMENT.

PROFESSIONAL ENGINEER AND REVIEWD BY CORRESPONDING BUILDING DEPARTMENT.

STRUCTURAL STEEL SHALL CONFORM TO ASTM DESIGNATION A-36. PANEL OUTER SURFACES ARE 26 GA. G60 STEEL PAINTED WITH VALSPAR PHMA-6063-B BLANCO 15 WHITE. PANEL INNER SURFACES ARE 23 GA. EMBOSED ALUMINUM. COOLER FLOOR IS 14 GA. FLAT ALUMINUM.

RIGID XPS FOAM (EXTRUDED POLYSTYRENE) MAX. FLAME SPREAD RATING < 25 AS PER ASTM E-84 SMOKE DEVELOPED INDEX < 185 SPONTANEOUS-IGNITION TEMPERATURE: 600-800F

REQUIREMENTS OF THE 2018 IRC/IBC.

DESIGN IS BASED ON TESTING IN ACCORDANCE WITH THE 2018 IRC/IBC AND 2020 FLORIDA BUILDING CODE. LARGE MISSILE IMPACT TEST, TAS 201-94. CYCLIC WIND PRESSURE TEST, TAS 203-94. STATIC AIR PRESSURE TEST, TAS 202. ASTM E72 FOR COMPONENT RACKING 24 HOUR GRAVITY LOAD TEST (AIR AND WATER INFILTRATION WERE NOT TESTED)

INFORMATION FOR A SITE SPECIFIC PROJECT.

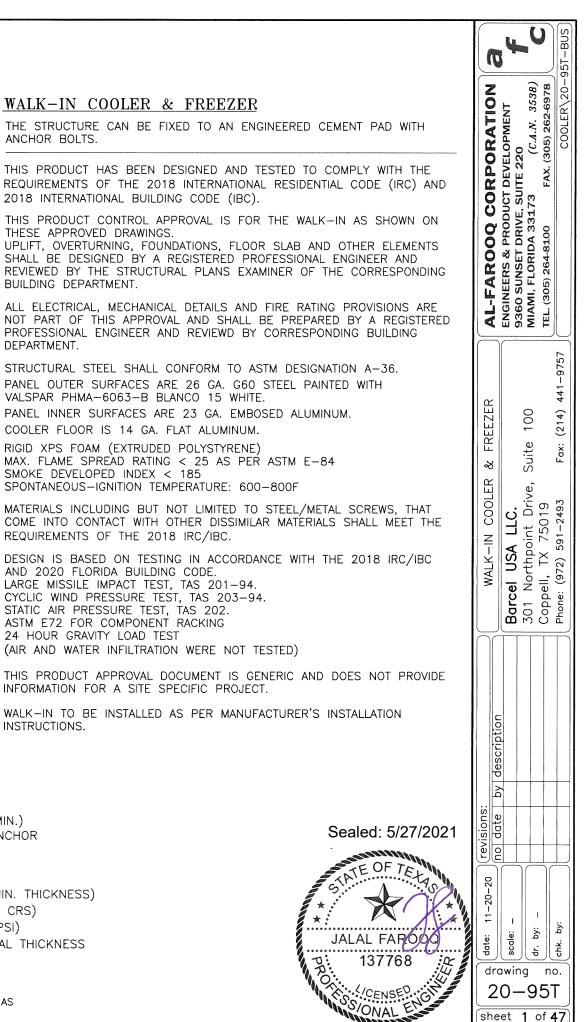
WALK-IN TO BE INSTALLED AS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

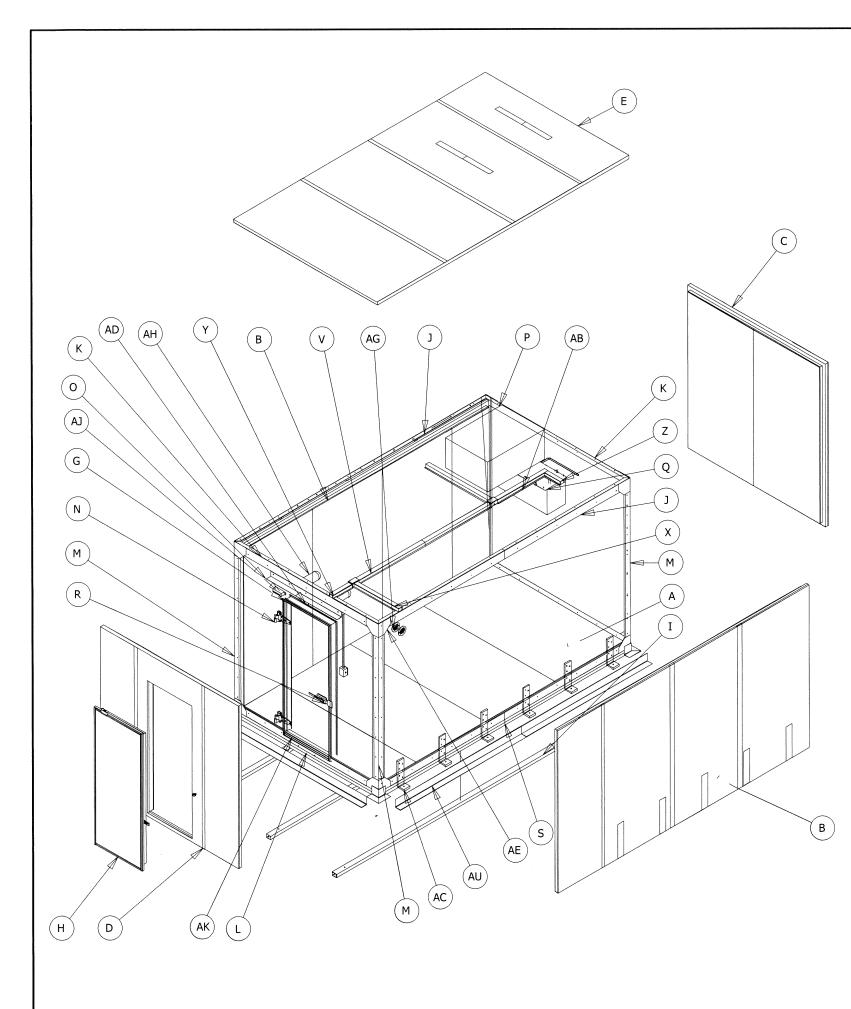
## **INSTALLATION ANCHORS:**

DIRECTLY INTO CONCRETE (3000 PSI MIN.) 1/2" DIA. KWIK BOLT-3 EXPANSION ANCHOR 3-1/2" MIN. EMBED INTO CONCRETE.

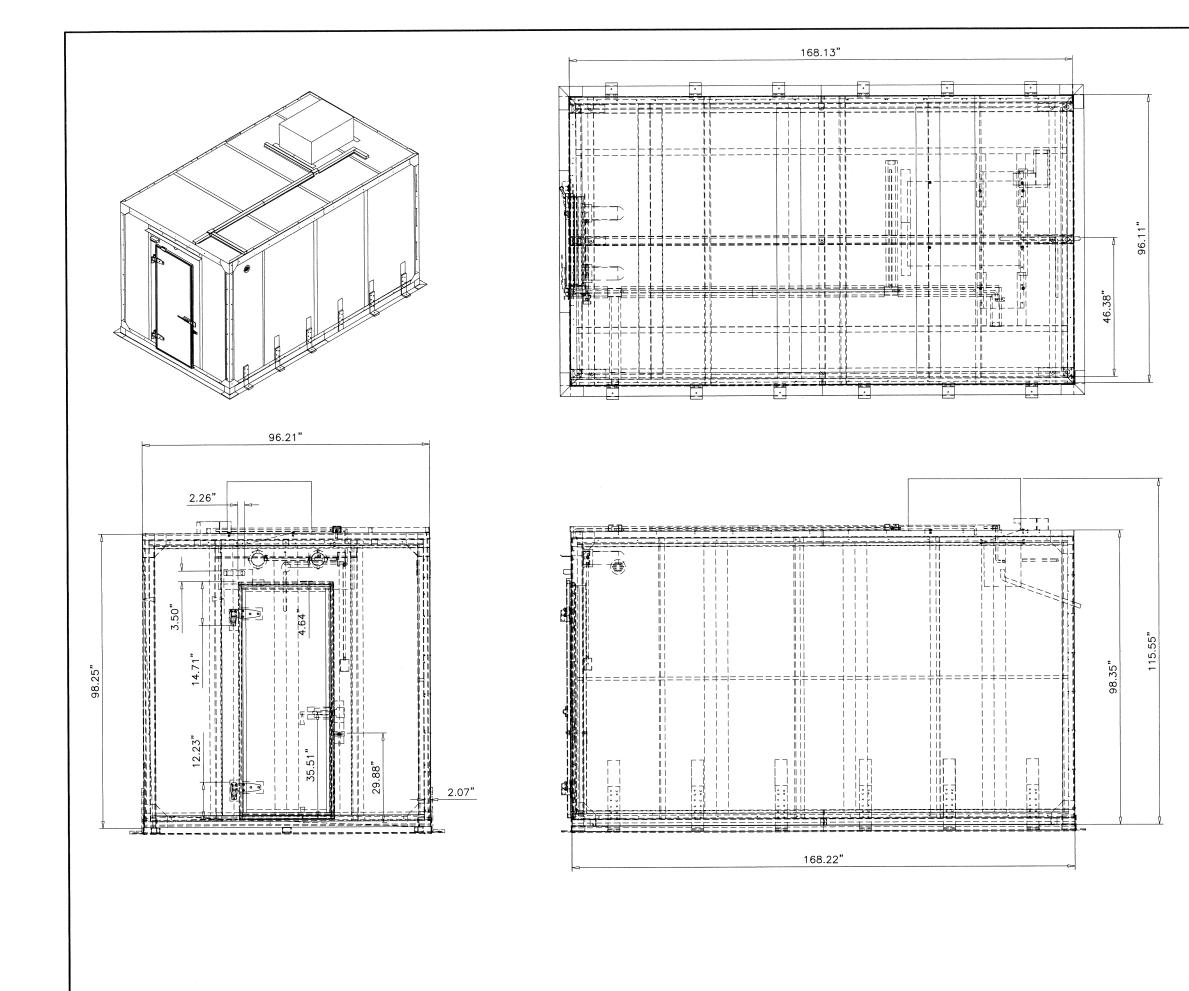
INTO A36 STEEL STRUCTURES (3/8" MIN. THICKNESS) 1/2" DIA. MACHINE SCREWS (GRADE 5 CRS) (Fu = 120,000 PSI & Fy = 23,004 PSI)(3) THREADS TO EXTEND BEYOND METAL THICKNESS

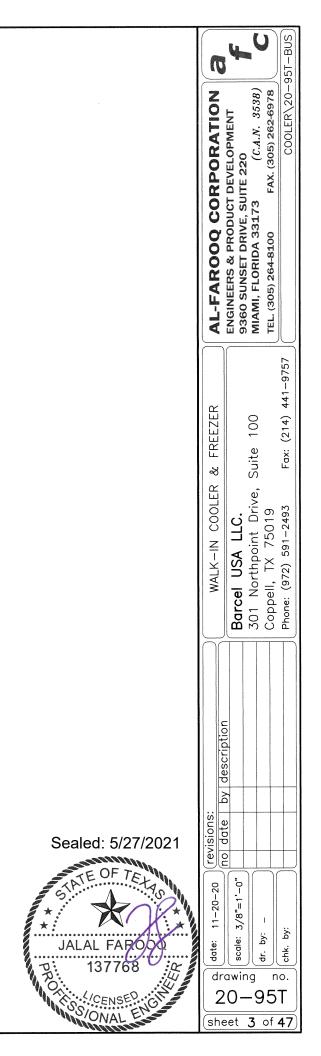
ANCHOR TORQUED AND OTHERWISE INSTALLED AS PER MANUFACTURER SPECIFICATIONS.

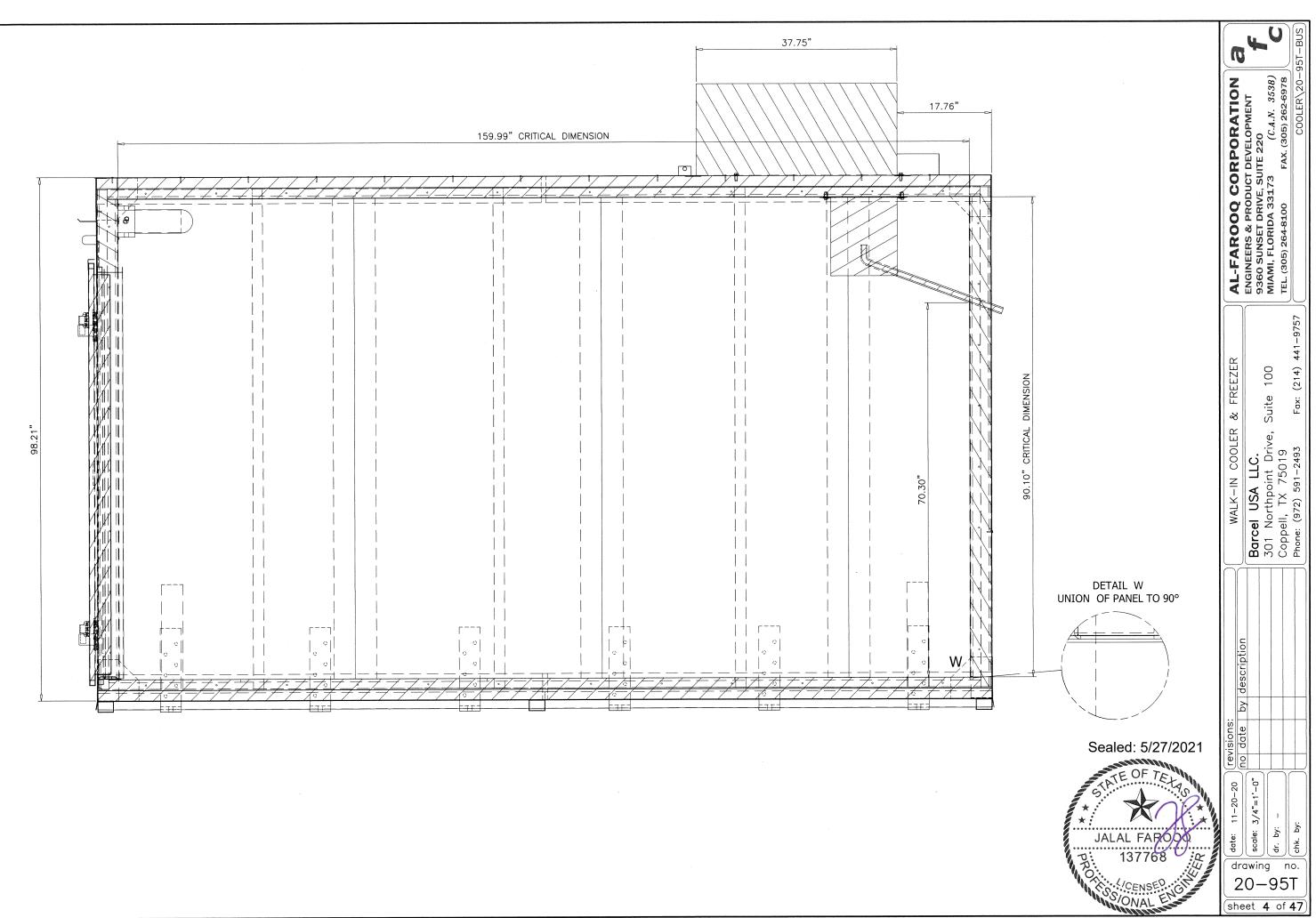


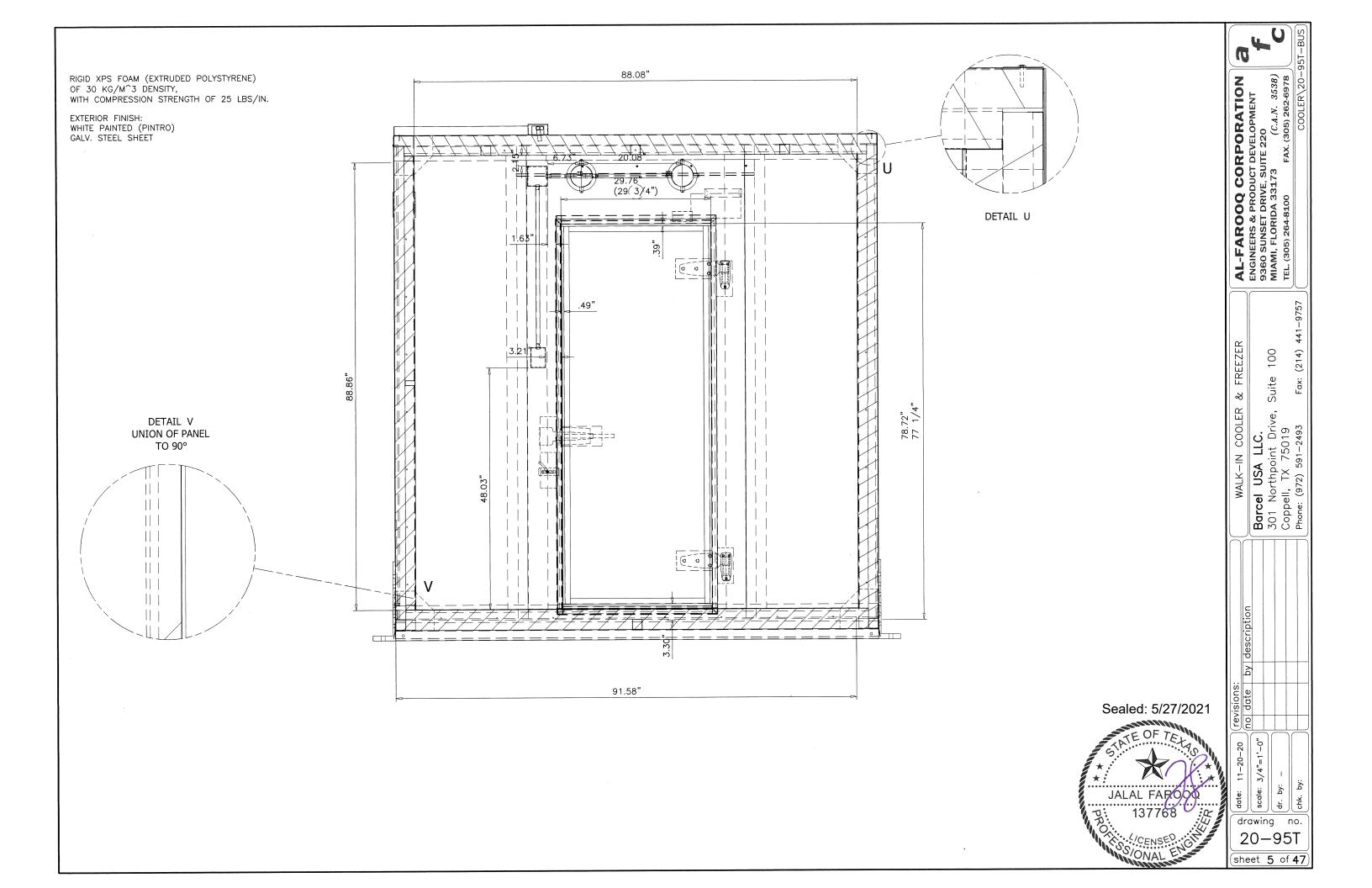


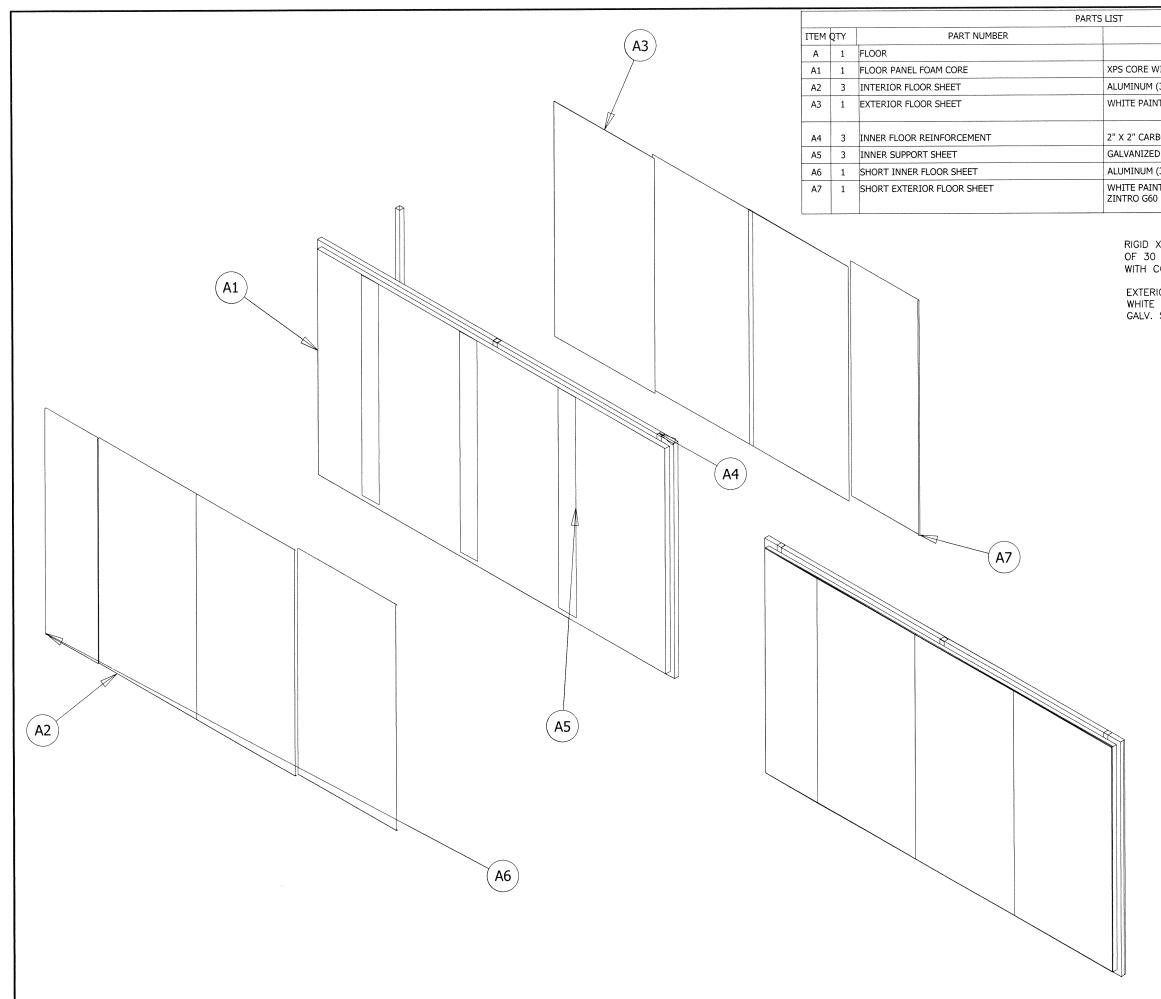
		PART PART NUMBER	S LIST DESCRIPTION			
	QTY	FLOOR	SEE DRAWING	<b>ן   ת</b>	3	
4	1	SIDE WALL PANEL	SEE DRAWING		 	11
2	 1	REAR ANEL	SEE DRAWING			
-		FRONT' PANEL	SEE DRAWING	RATIO	PRODUCT DEVELOPMENT DRIVE, SUITE 220 A 33173 (C.A.N. 38 100 FAX. (305) 262-61	
	1	CEILING PANEL	SEE DRAWING	12	OPMEI 0 ( <i>C.A.N</i> . 05) 262	
	1	DOOR FRAME	SEE DRAWING		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	1	DOOR	SEE DRAWING	l ē	PRODUCT DEVELC DRIVE, SUITE 220 0A 33173 (( 100 FAX. (30	
	3	FLOOR SUPPORT	SEE DRAWING		DEVI ITE 2 FAX.	
1	8	LARGE HORIZONTAL CORNER	GALVANIZED STEEL SHEET GAUGE 18	Ī	SU SU 73	
	3	SHORT HORIZONTAL CORNER	GALVANIZED STELL SHEET GAUGE 18 GALVANIZED STEEL SHEET GAUGE 18	0	ор 31,7 31,7	
	1	DOOR LOWER CORNER	GALVANIZED STEEL SHEET GAUGE 18		A 3 3 100	
-	4	VERTICAL CORNER	GALVANIZED STEEL SHEET GAUGE 18		& P 2 T 2 T 2 T 2 T 2 T 2 T 2 T 2 T 2 T 2 T	
4	2	HINGES	REVERSIBLE CAM-RISE HINGES KASON MODEL 1245	1 2	RS & PRC VSET DRI ORIDA 3 264-8100	
N	2	ninges		L A	ENGINEERS & PRODUCT 9360 SUNSET DRIVE, SI MIAMI, FLORIDA 33173 TEL. (305) 264-8100	
2	1	WATER DEFLECTOR	ALUMINUM SHEET GAUGE 14		4GIN 360 L (3	
>	1	CONDENSING UNIT	CONDENSING UNTIL HEATCRAFT-BOHN	<b> </b>	ENG 936 MIA TEL.	
			1.5HP LOW TEMP MODEL:BHT019L6B		$\gamma$	<u>一</u>
5	1	UNIT COOLER (EVAPORATOR)	EVAPORATOR BOHN-HEATCRAFT MODEL LET 120BK	1		Γ.
२	1	SAFEGUARD LATCH AND ROLLER STRIKE	KASON MODEL 56	11		C
5	4	LOWER HORIZONTAL CORNER	GALVANIZED STEEL SHEET GAUGE 14	1		710 717
г	2	LOWER SUPPORT	GALVANIZED STEEL SHEET GAUGE 14	ER	0	
/	1	OMEGA SHAPE COVER TYPE B1	GALVANIZED STEEL SHEET GAUGE 18		10	(110)
v	1	OMEGA SHAPE COVER TYPE 1300	SEE DRAWING	FREEZER	Suite 100	) 
<	1	OMEGA SHAPE COVER TYPE 600	GALVANIZED STEEL SHEET GAUGE 18	8	Suit	Ľ
r	1	OMEGA SHAPE COVER TYPE B2	GALVANIZED STEEL SHEET GAUGE 18			
z	1	OMEGA SHAPE COVER TYPE C	GALVANIZED STEEL SHEET GAUGE 18	COOLER	C. Drive, 119	
A	1	PIPE COVER TYPE A	GALVANIZED STEEL SHEET GAUGE 18	8	0 D C	0
В	1	OMEGA SHAPE COVER TYPE D	GALVANIZED STEEL SHEET GAUGE 18		A LLC. oint Dr 75019	2010 103
Æ	8	CORNER	GALVANIZED STEEL SHEET GAUGE 18	WALK-IN	A Doi	C L
G	1	PRESSURE RELIEF PORT	KASON MODEL 1830	Ľ	USA TX	
.H	2	COMPACT FLOURECENT LIGHTING	LITHONIA LIGHTNING MODEL VC150IM12	٨W	Dell,	;
J	1	DOOR CLOSER	PHILLIPS MODEL 1404	]	301 Copi	Ē
ĸ	1	DOOR THRESHOLD	, 40"X4" MOLDED ALUMINUM			
L	1	PIPE COVER TYPE A	GALVANIZED STEEL SHEET GAUGE 18			
м	1	PIPE COVER TYPE B	SEE DRAWING			
۲C	12	ANCHOR	SEE DRAWING			
U	4	ANCHOR ANGLES	GALVANIZED STEEL SHEET GAUGE 18			
			Sealed: 5/27/2021	isions:	scale: - (no date by description scale: - (dr. by: - (dr. by: - (dr. by))	
			NO. NO. NO. NO. NO. NO. NO. NO. NO. NO.		rawing r 20-95	











#### DESCRIPTION

XPS CORE WITH A THICKNESS OF 4",AND 30 KG/M3 DENSITY ALUMINUM (3003) SHEET GAUGE 14

WHITE PAINTED GALVANIZED GAUGE 26 TERNIUM ZINTRO G60

2" X 2" CARBON STEEL TUBE GAUGE 18

GALVANIZED STEEL SHEET GAGE 26

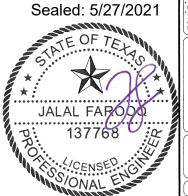
ALUMINUM (3003) SHEET GAUGE 14

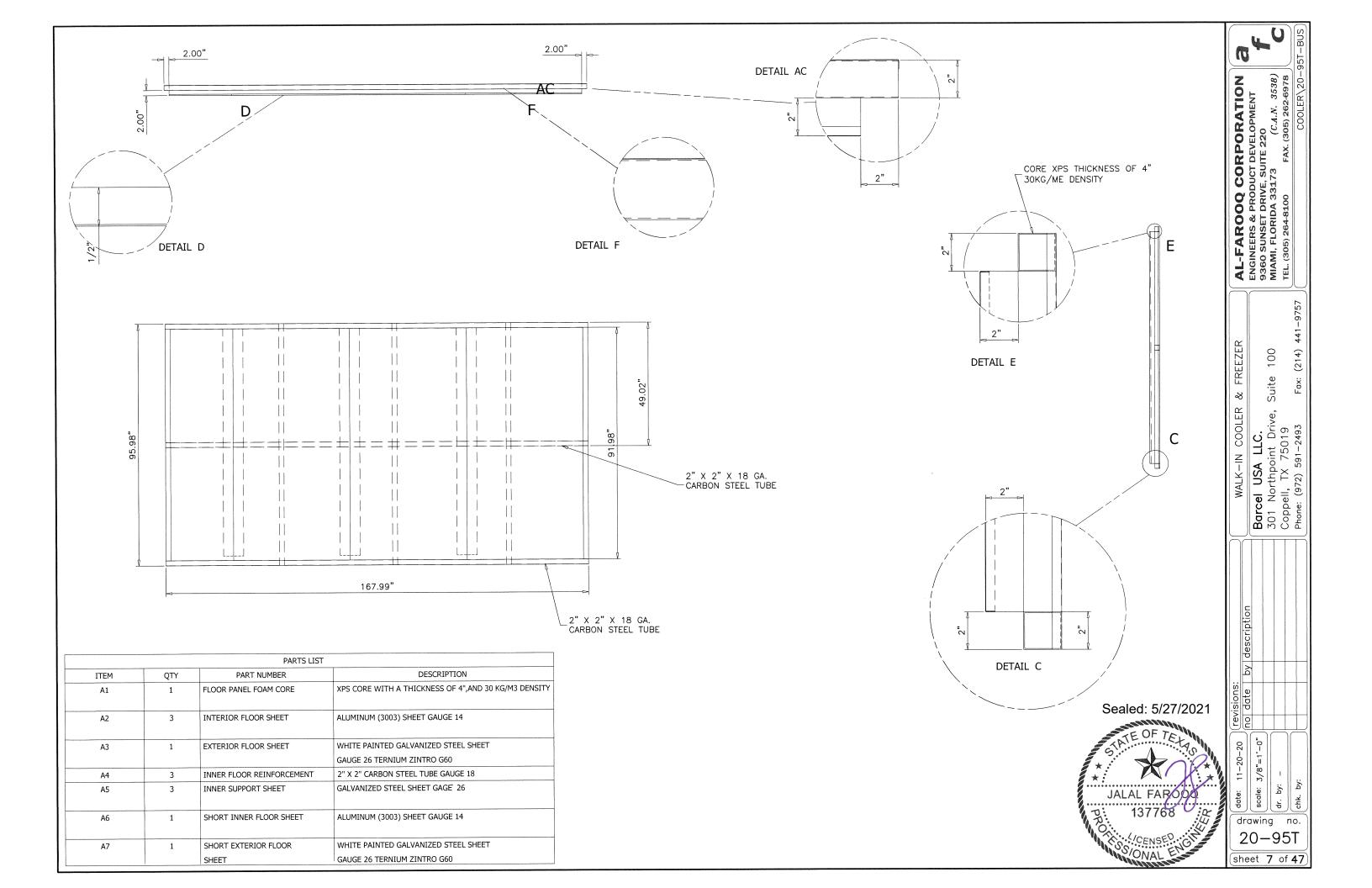
WHITE PAINTED GALVANIZED STEEL SHEET GAUGE 26 TERNIUM ZINTRO G60

RIGID XPS FOAM (EXTRUDED POLYSTYRENE) OF 30 KG/M<sup>3</sup> DENSITY, WITH COMPRESSION STRENGTH OF 25 LBS/IN.

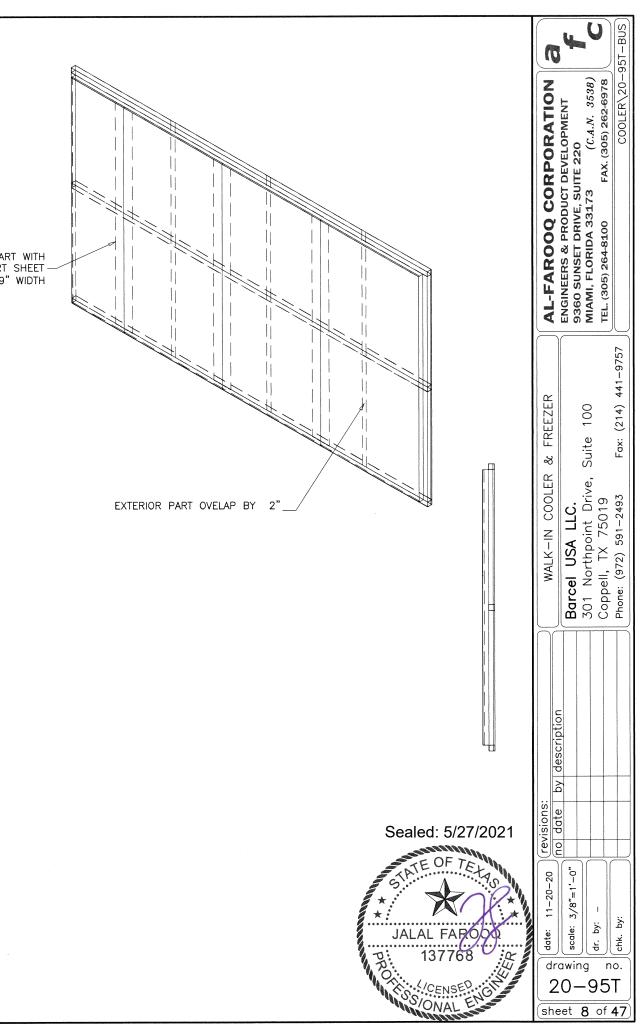
EXTERIOR FINISH: WHITE PAINTED (PINTRO) GALV. STEEL SHEET

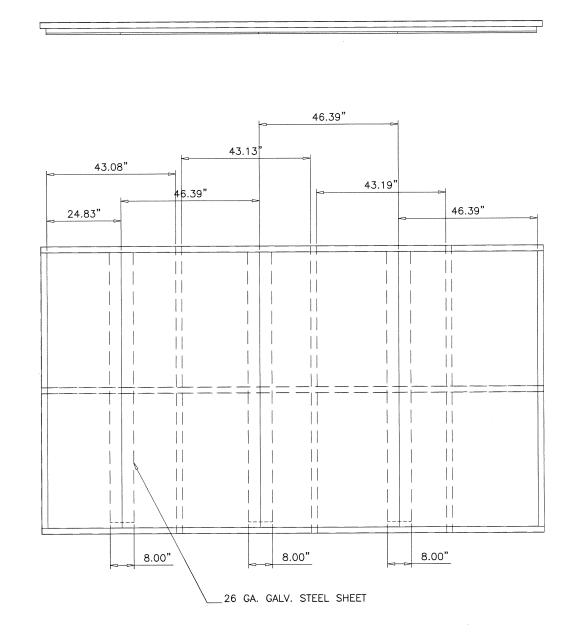


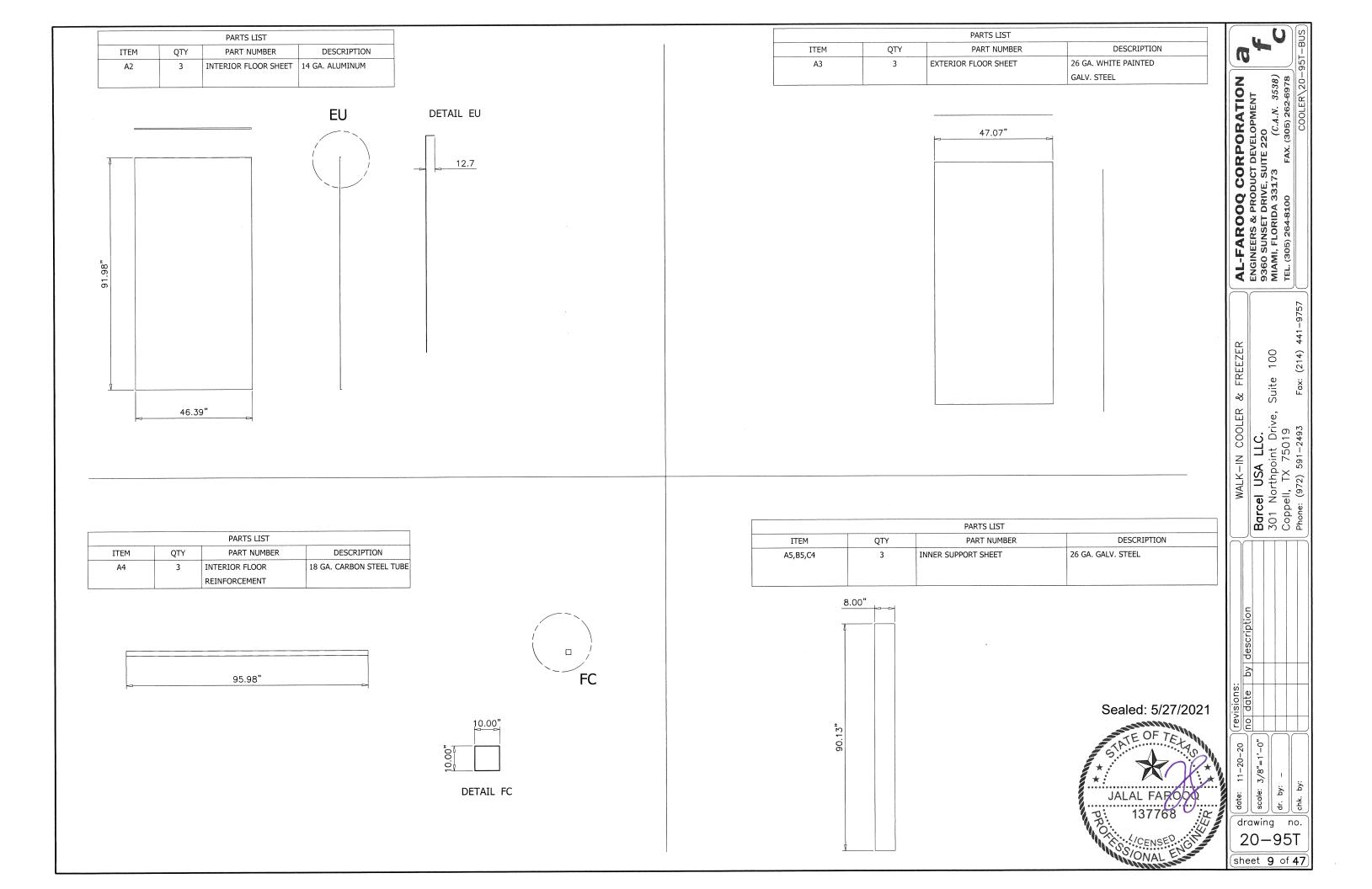


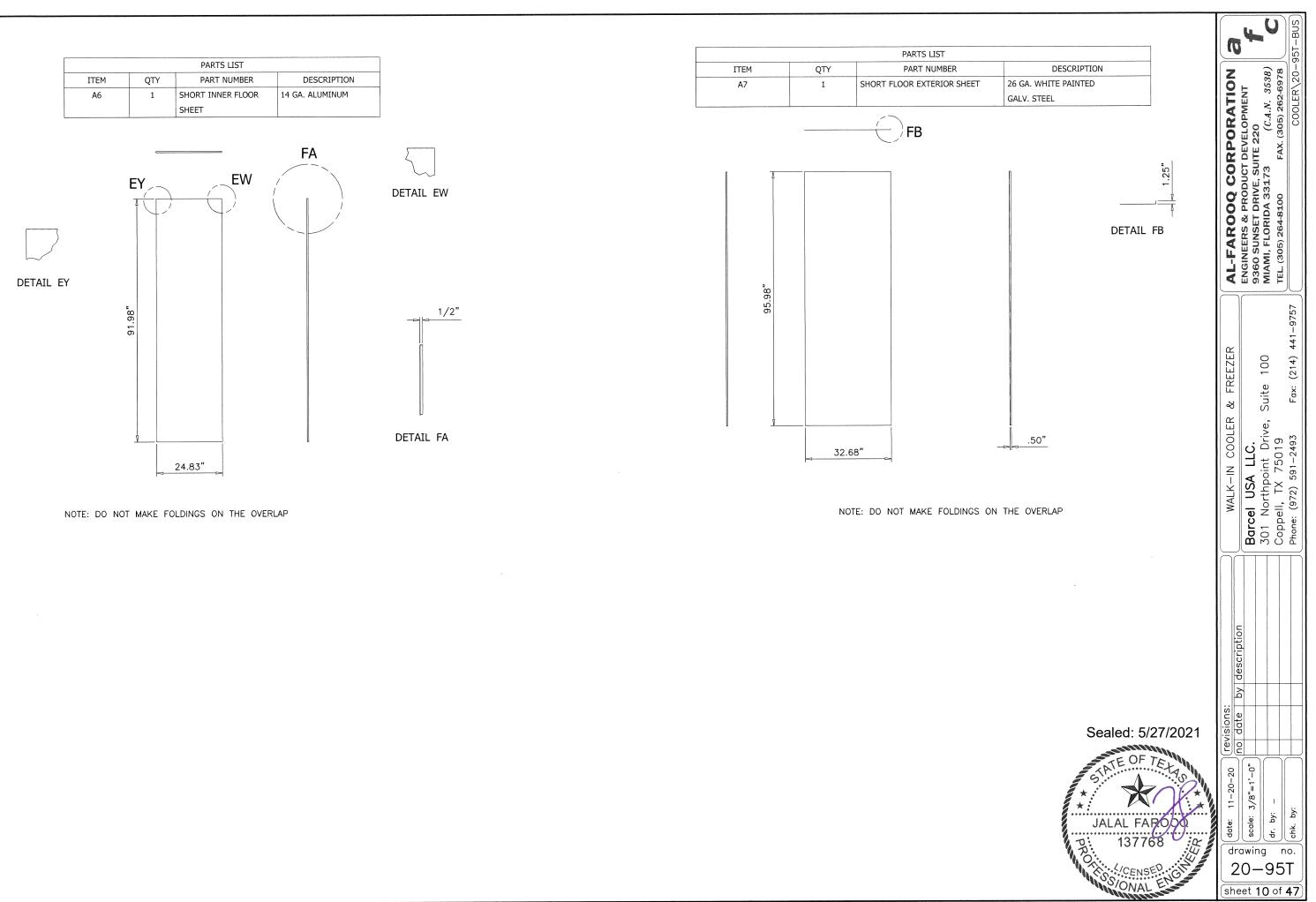


INTERIOR PART WITH INNER SUPPORT SHEET -7.99" WIDTH

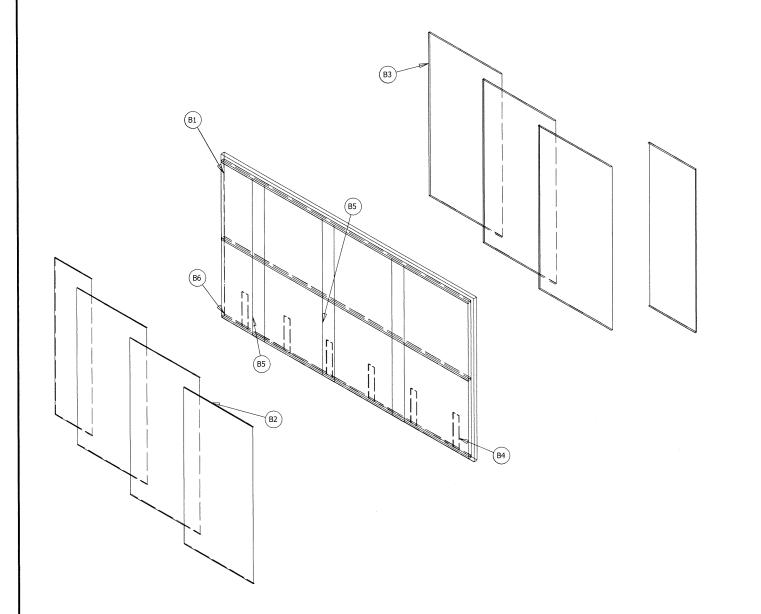




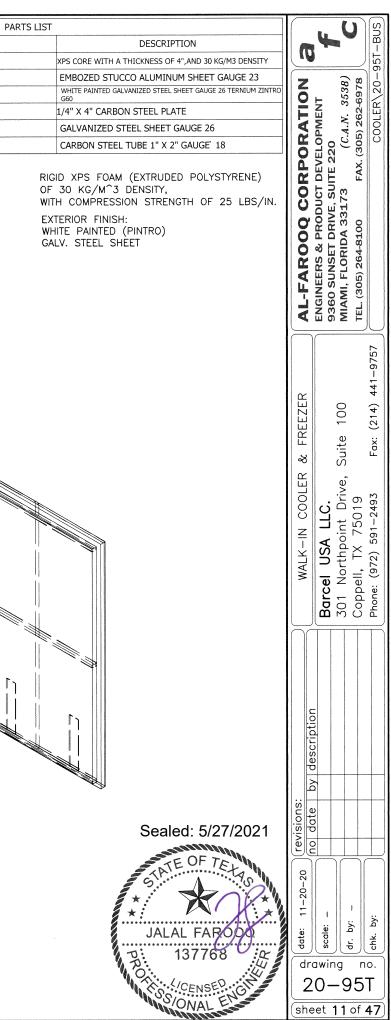


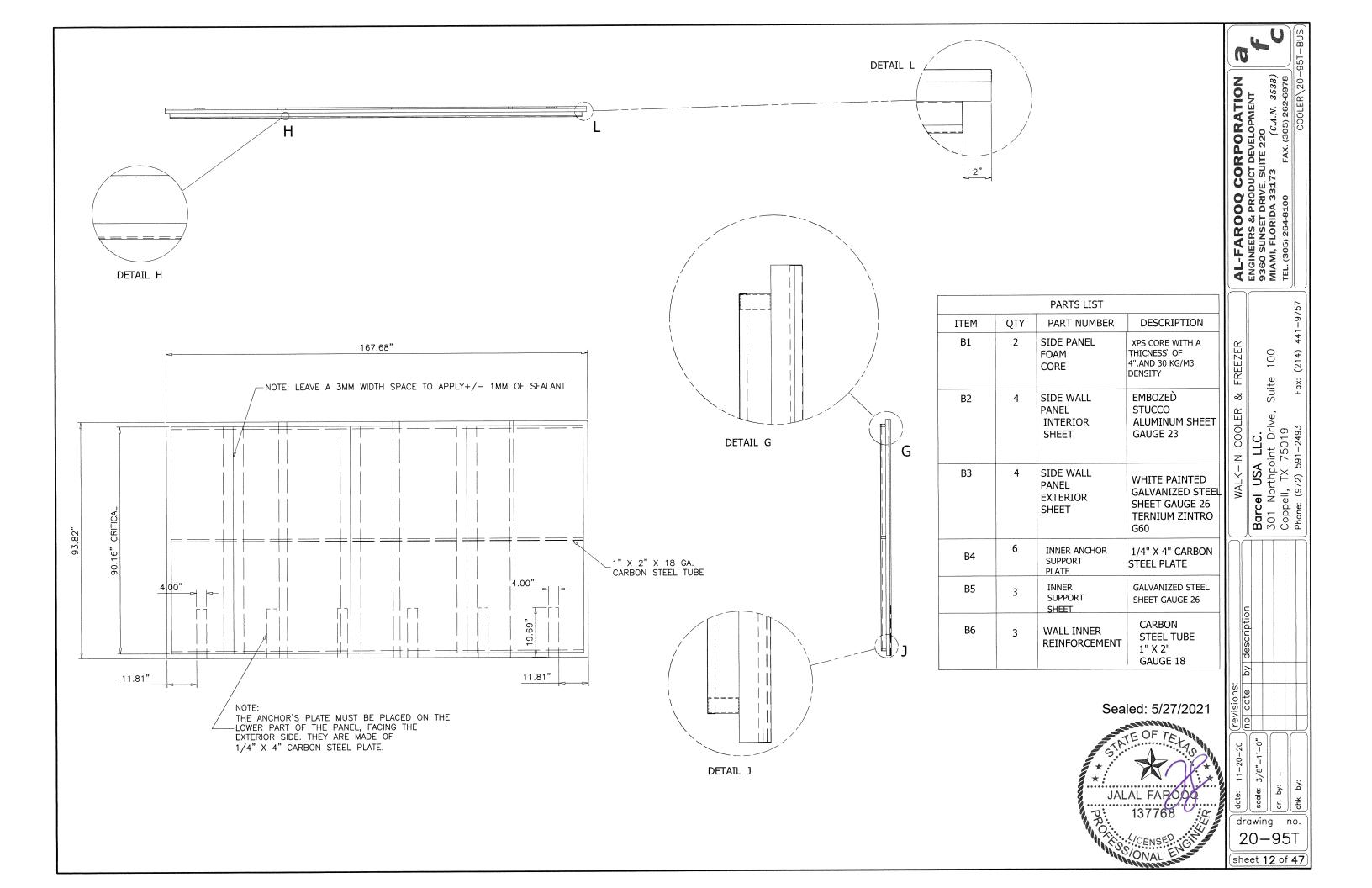


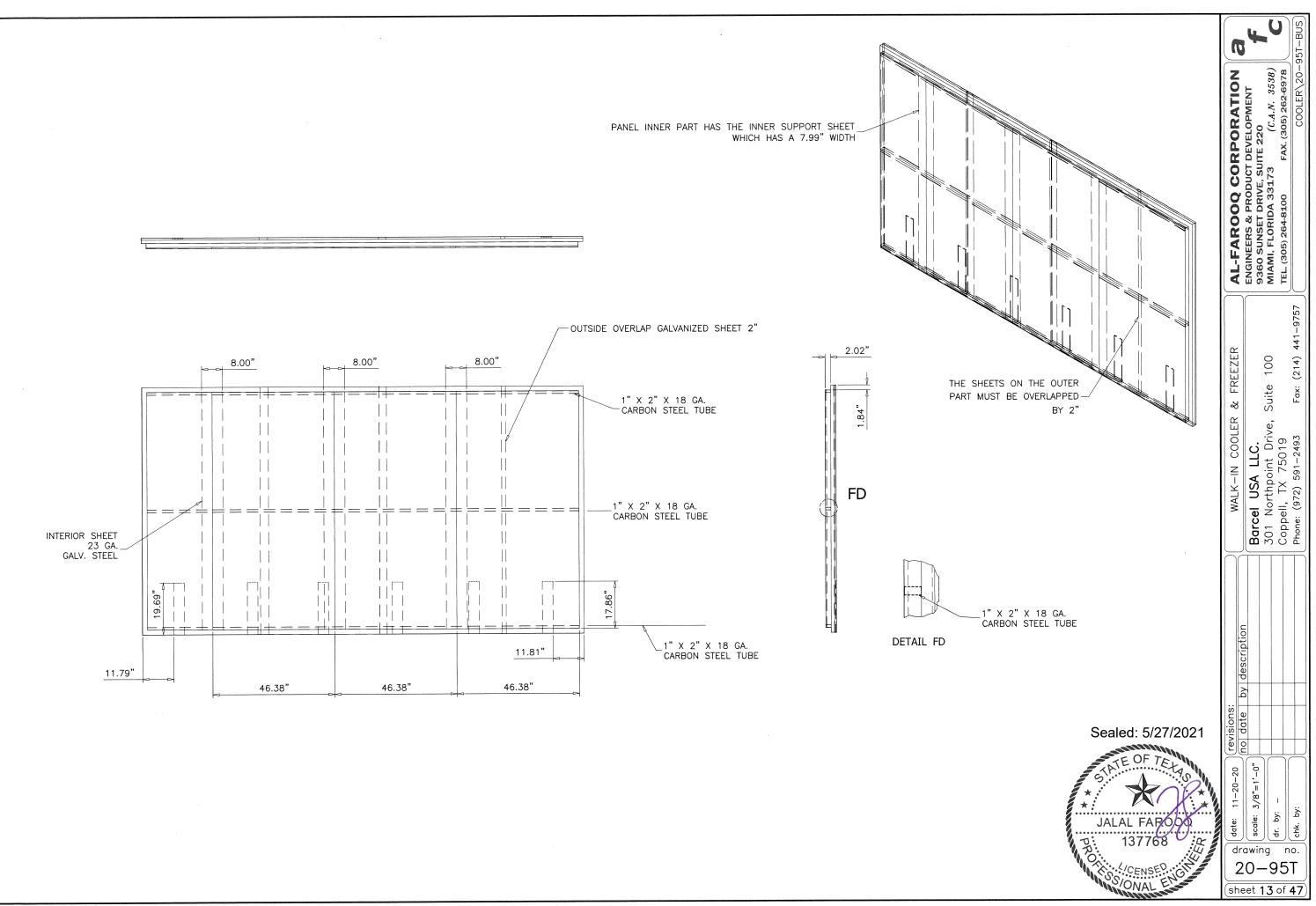
				PARISI
	ITEM	QTY	PART NUMBER	
	B1	2	SIDE PANEL FOAM CORE	
	B2	4	SIDE WALL PANEL INTERIOR SHEET	
B3		4	SIDE WALL PANEL EXTERIOR SHEET	
	B4	6	INNER ANCHOR SUPPORT PLATE	
	B5	3	INNER SUPPORT SHEET	
	B6	3	WALL INNER REINFORCEMENT	

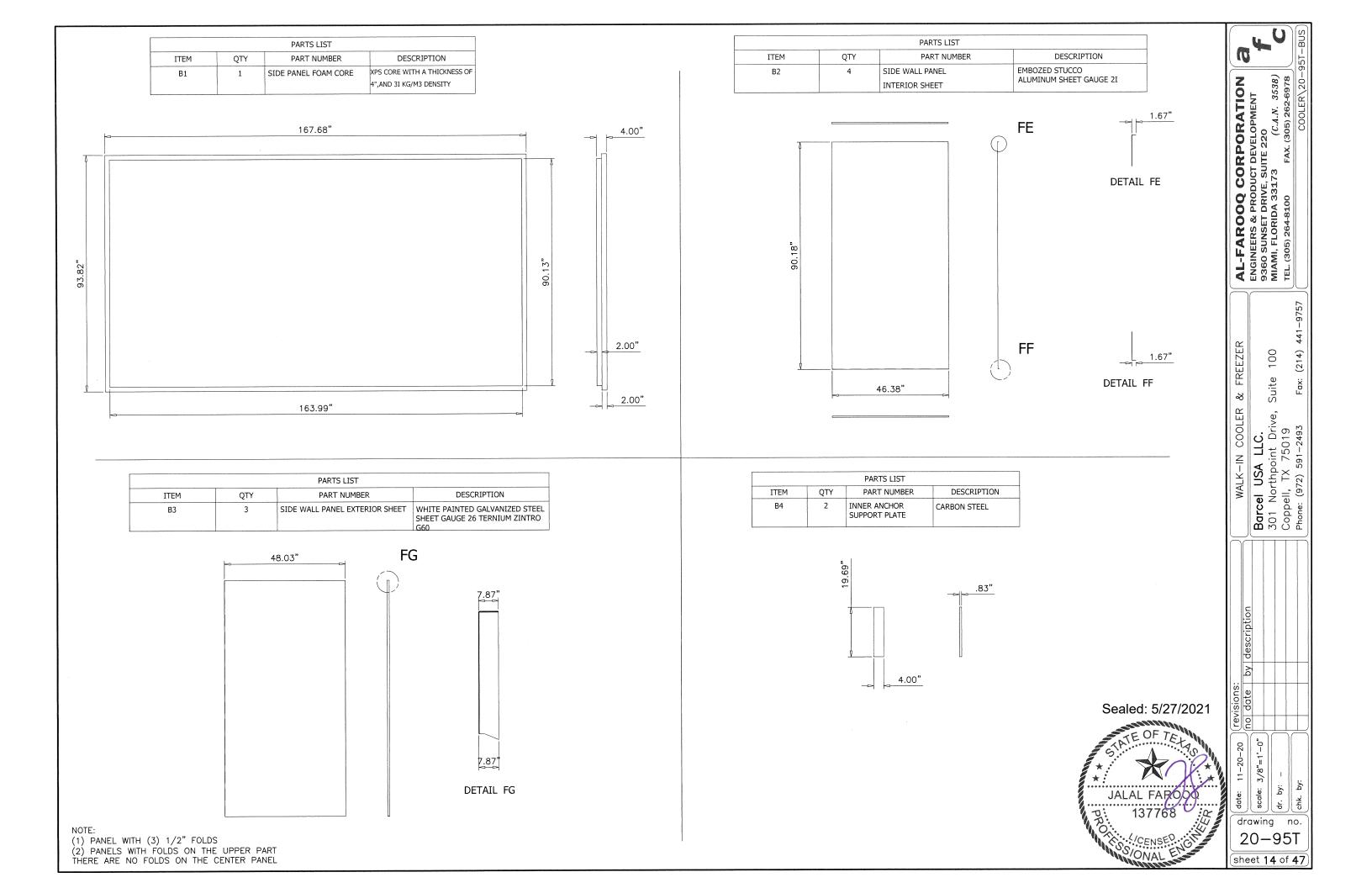


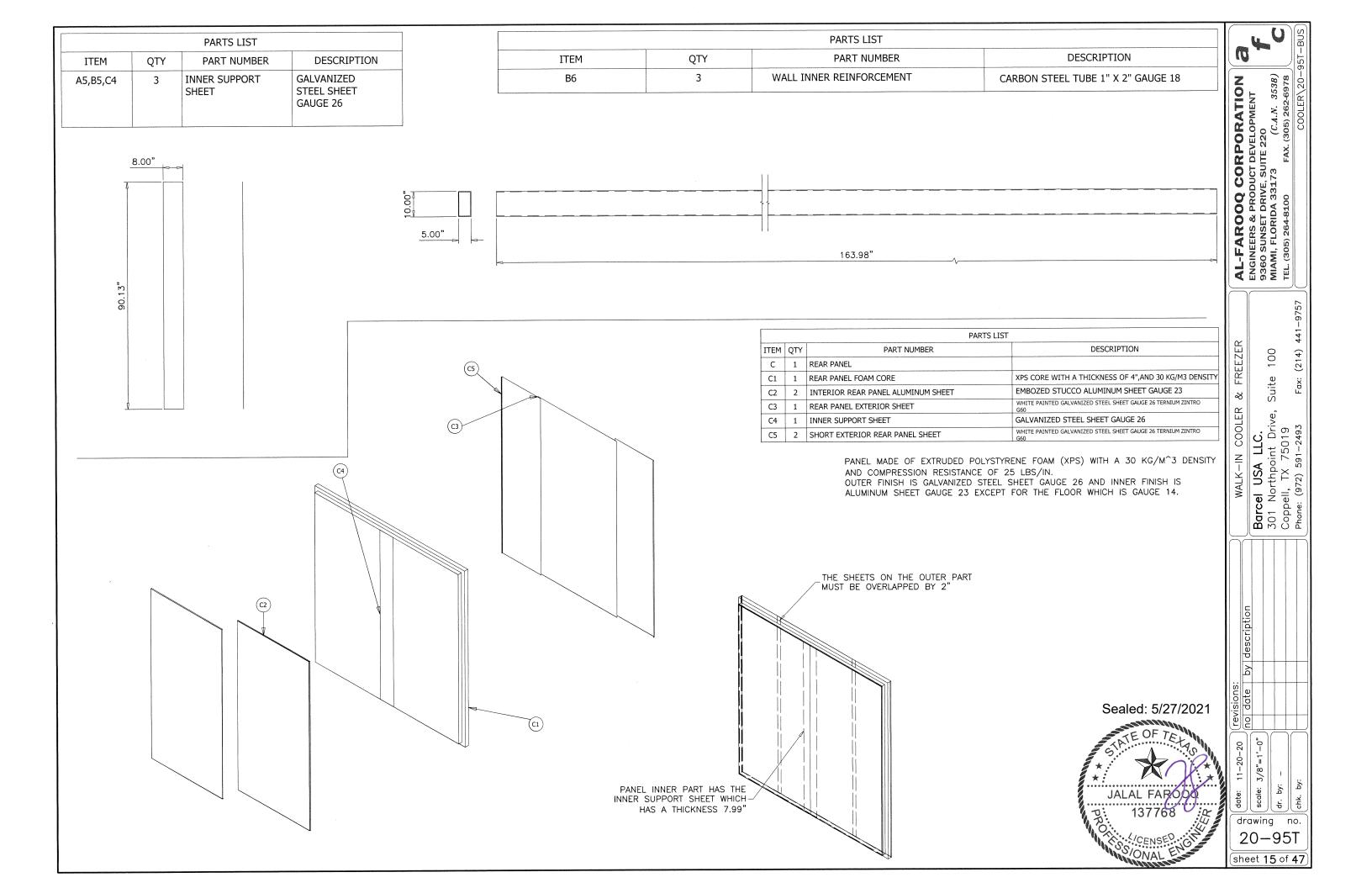
NOTE: CONSIDER THIS DRAWING FOR THE LEFT AND RIGHT SIDE WALL PANELS

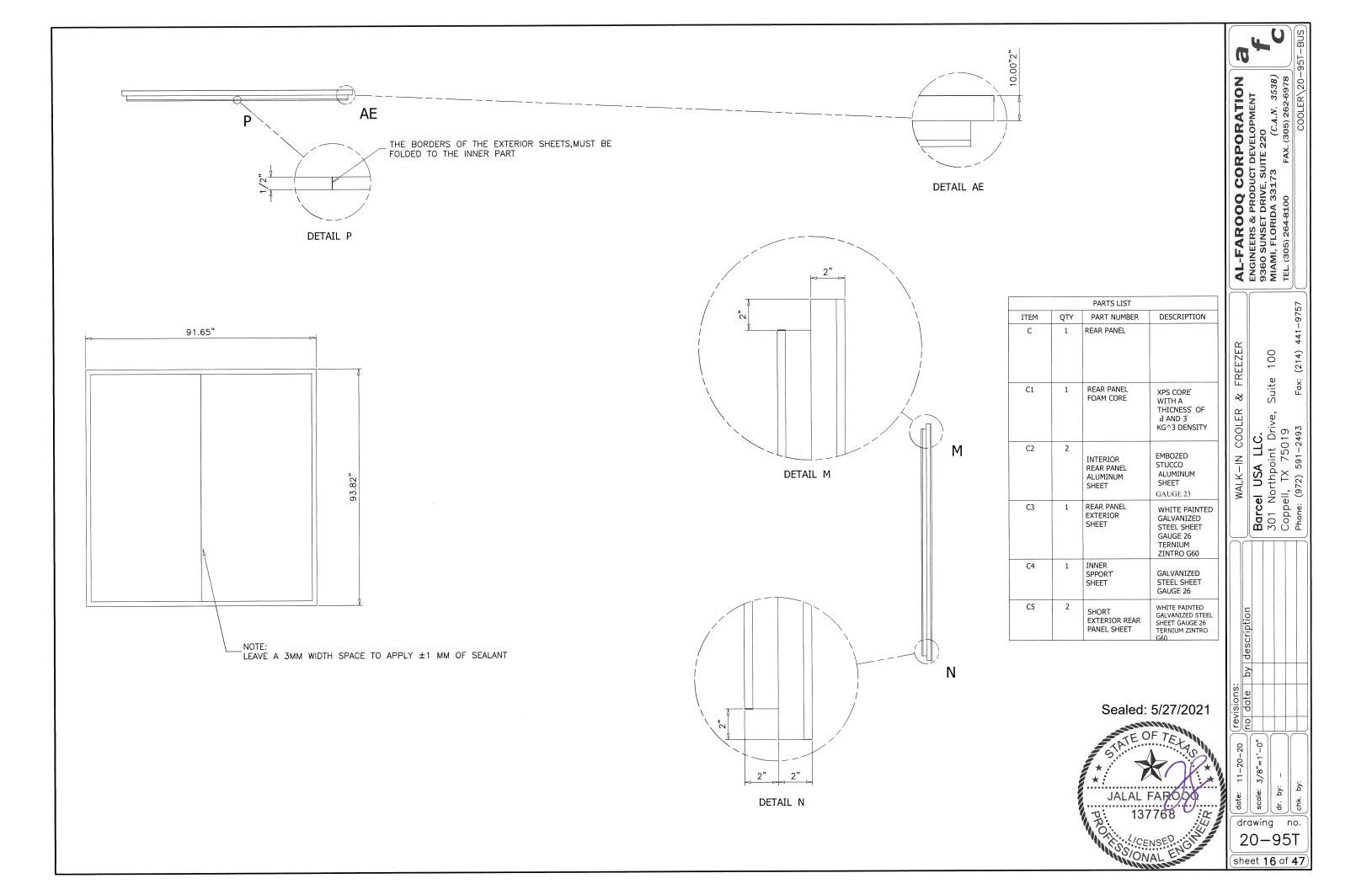


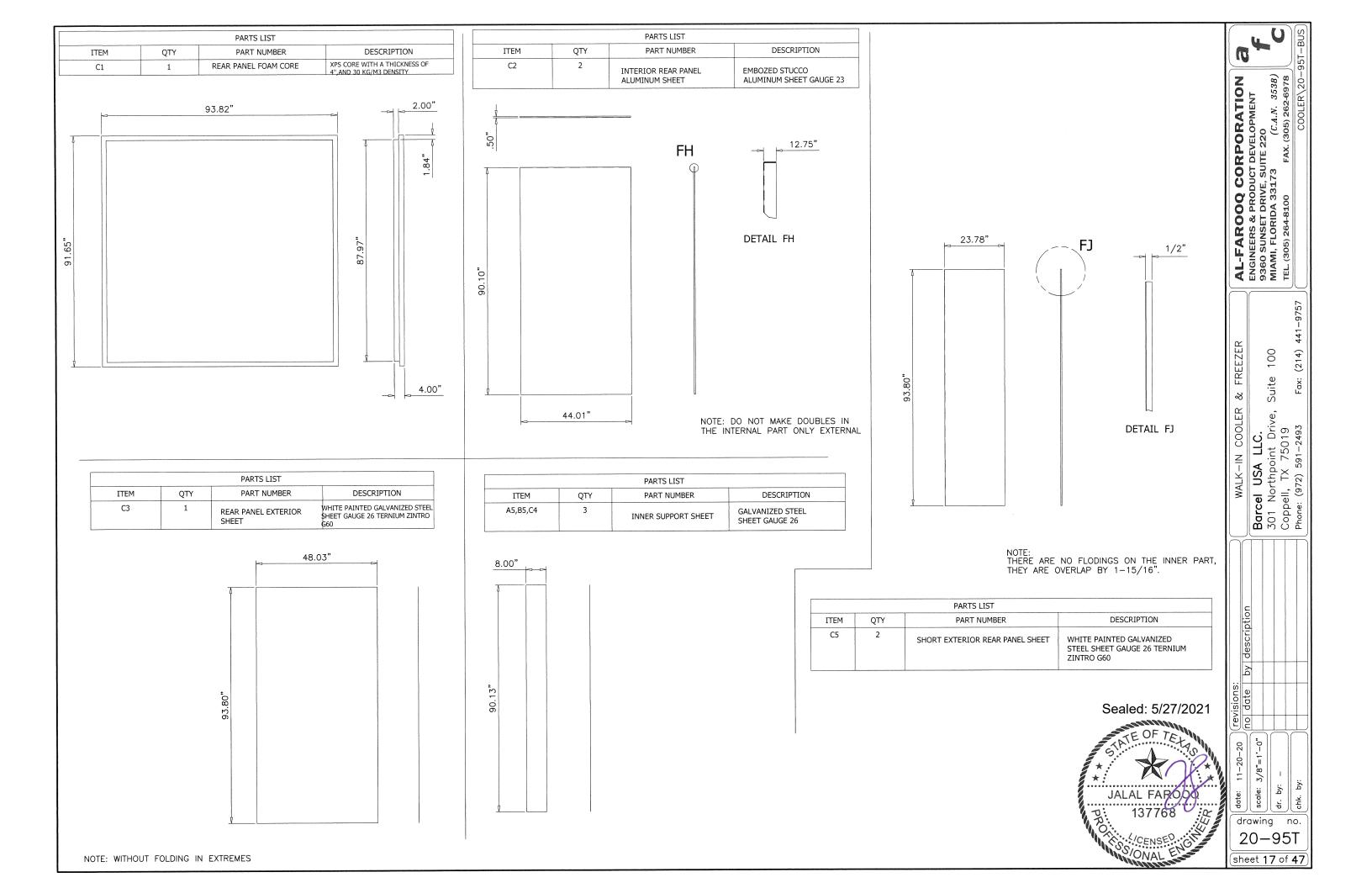


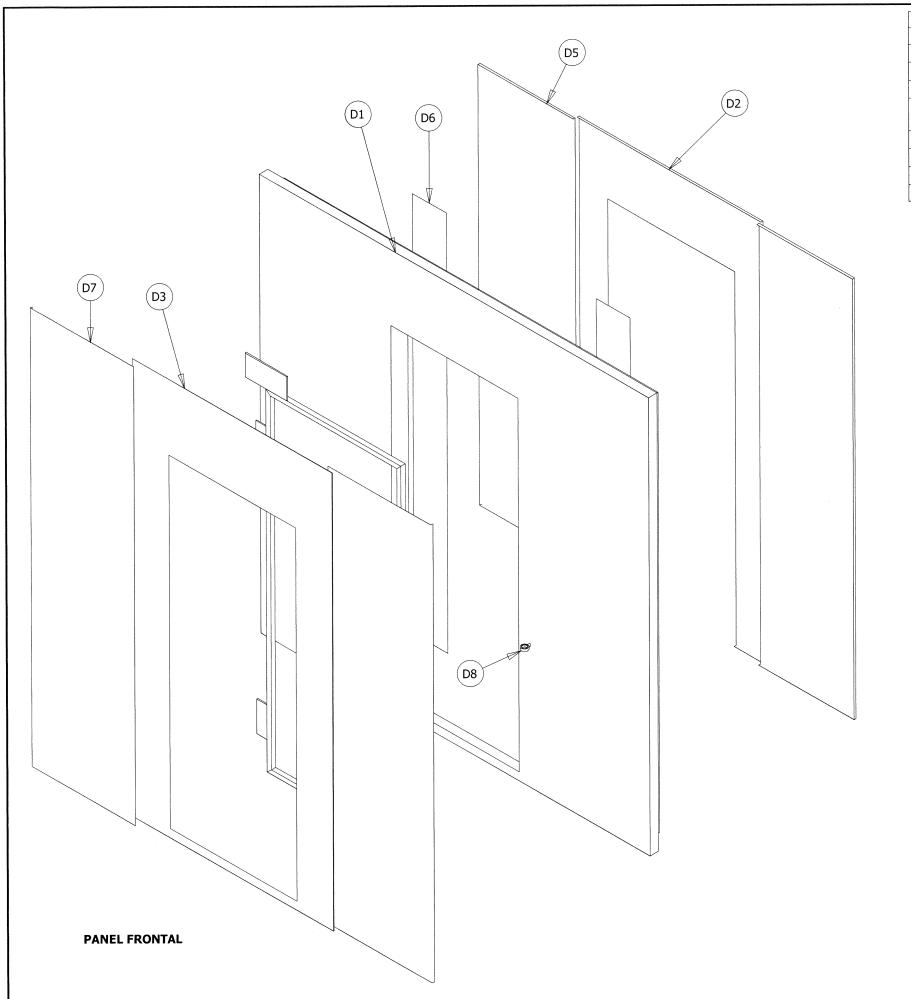




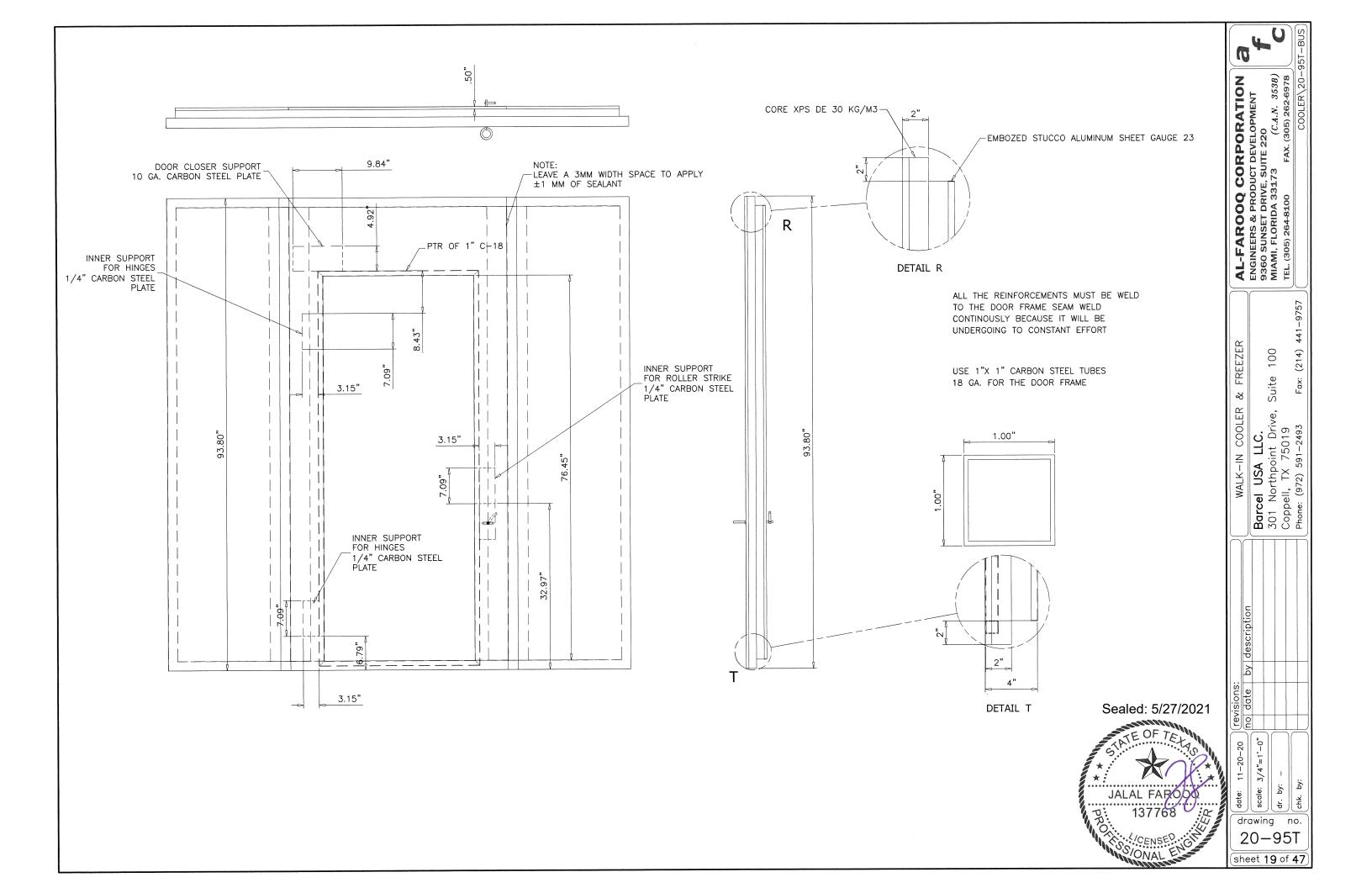


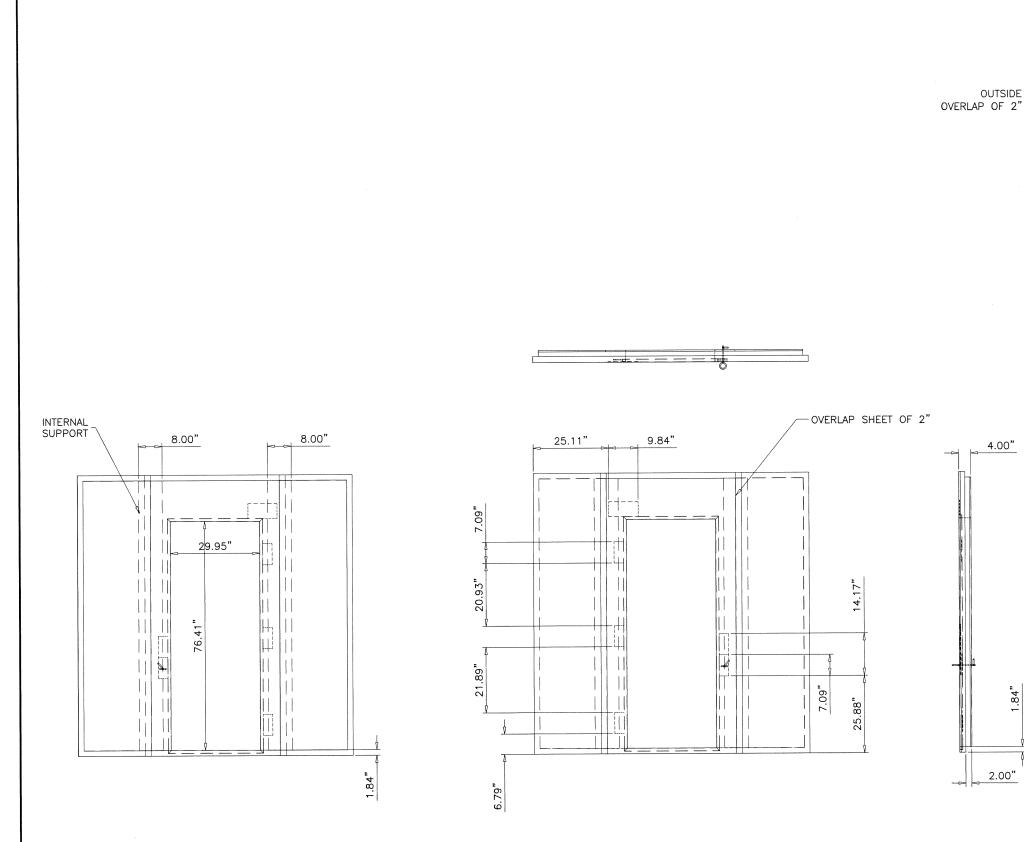




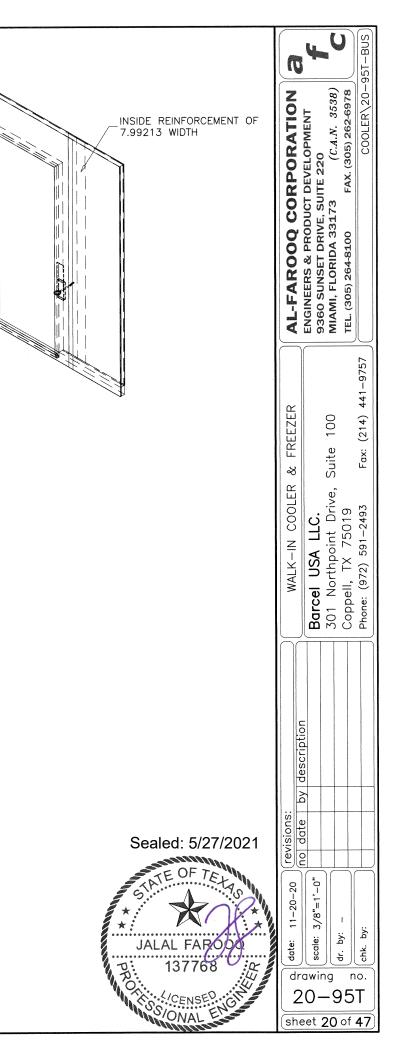


		PARTS L	IST	
ITEM	QTY	PART NUMBER	DESCRIPTION	
D	1 F	RONT PANEL		
D1	1 F	RONT PANEL FOAM CORE	XPS CORE WITH A THICKNESS OF 4",AND 30 KG/M3 DENSITY	38) <b>N</b>
D2	1 II	TERIOR CENTRAL FRONTAL PANEL SHEET	EMBOZED ALUMINUM STUCCO SHEET GAUGE 23	<b>10N</b> NT 3538) 2-6978
D3	1 E	XTERIOR FRONTAL PANEL SHEET	WHITE PAINTED GALVANIZED STEEL SHEET GAUGE 26 TERNIUM ZINTRO G60	<b>7 AT</b> <b>7 AT</b> <b>7 A.</b> <b>7</b> <b>5</b> ) 26% <b>5</b> ) 26% <b>5</b> ) 26%
D5	2 II	TERIOR SIDE FRONTAL PANEL SHEET	EMBOZED STUCCO ALUMINUM GAUGE 23	(3 (3 (1)) (3
D6	2 II	NER SUPPORT SHEET	GALVANIZED STEEL SHEET GAUGE 26	AX.
D7	2 E	XTERIOR SIDE FRONTAL PANEL SHEET	WHITE PAINTED GALVANIZED STEEL SHEET GAUGE 26 TERNIUM ZINTRO G60	
	AND OUTE	L MADE OF EXTRUDED POLYSTYRENE COMPRESSION RESISTANCE OF 25 LB R FINISH IS GALVANIZED STEEL SHEET IINUM SHEET GAUGE 23 EXCEPT FOR	F GAUGE 26 AND INNER FINISH IS	AL-FAROOQ CORPOF ENGINEERS & PRODUCT DEVELC 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 (1 TEL. (305) 264-8100 FAX. (30
				WALK-IN COOLER & FREEZER Barcel USA LLC. 301 Northpoint Drive, Suite 100 Coppell, TX 75019 Phone: (972) 591-2493 Fax: (214) 441-9757

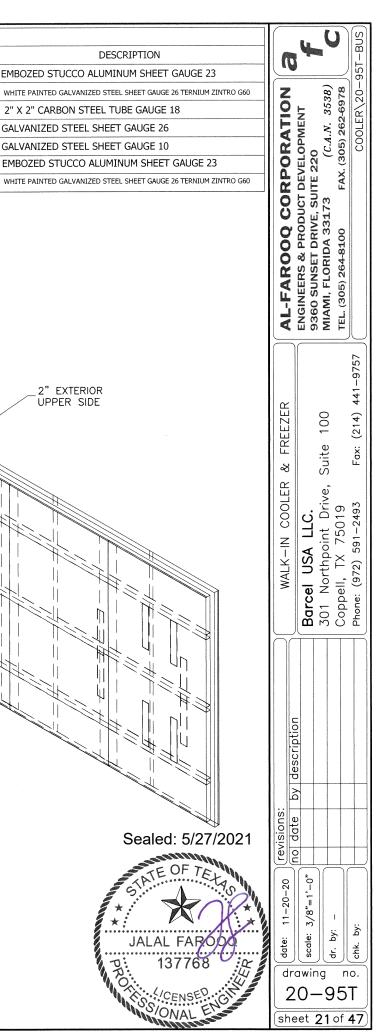




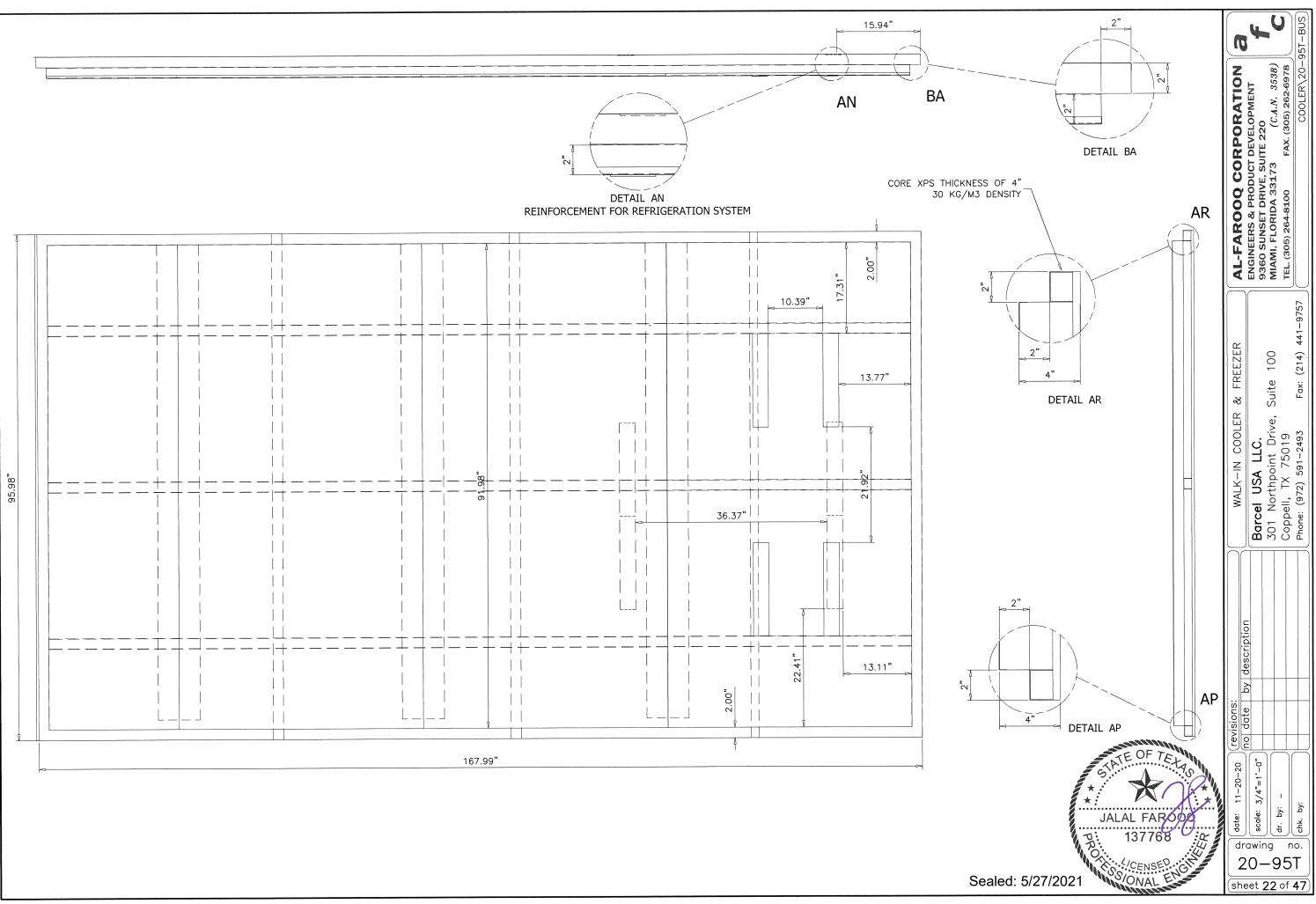
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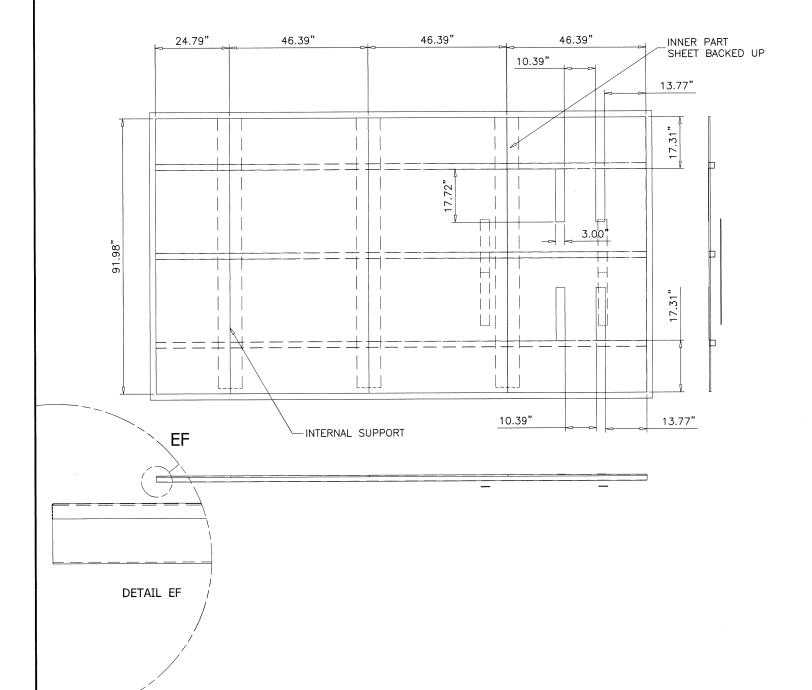
	ITEM	QTY	PART NUMBER	
PANEL MADE OF EXTRUDED POLYSTYRENE FOAM (XPS) WITH A 30 KG/M^3 DENSITY	E2	3	INTERIOR CEILING PANEL SHEET	EM
AND COMPRESSION RESISTANCE OF 25 LBS/IN. OUTER FINISH IS GALVANIZED STEEL SHEET GAUGE 26 AND INNER FINISH IS ALUMINUM SHEET GAUGE 23 EXCEPT FOR THE FLOOR WHICH IS GAUGE 14.	E3	3	EXTERIOR CEILING PANEL SHEET	wн
ALUMINUM SHEET GAUGE 23 EXCEPT FOR THE FLOOR WHICH IS GAUGE 14.	E4	3	CEILING INNER REINFORCEMENT	2"
	E5	3	INNER SUPPORT SHEET	GA
	E6	8	INNER REINFORCEMENT FOR THE EVAPORATOR	GA
	E7	1	SHORT INTERNAL CEILING SHEET	EM
	E8	1	SHORT EXTERNAL CEILING SHEET	WH
	20	1		
			TTERNAL SIDE SHEET OF 7.99" WIDTH	

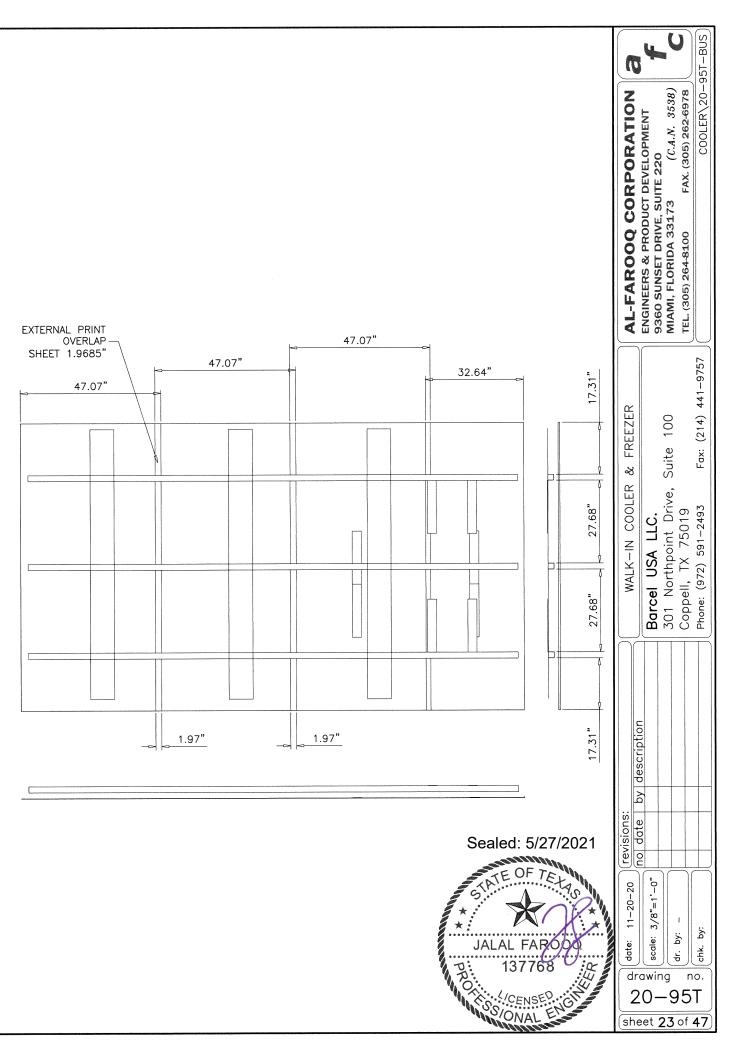


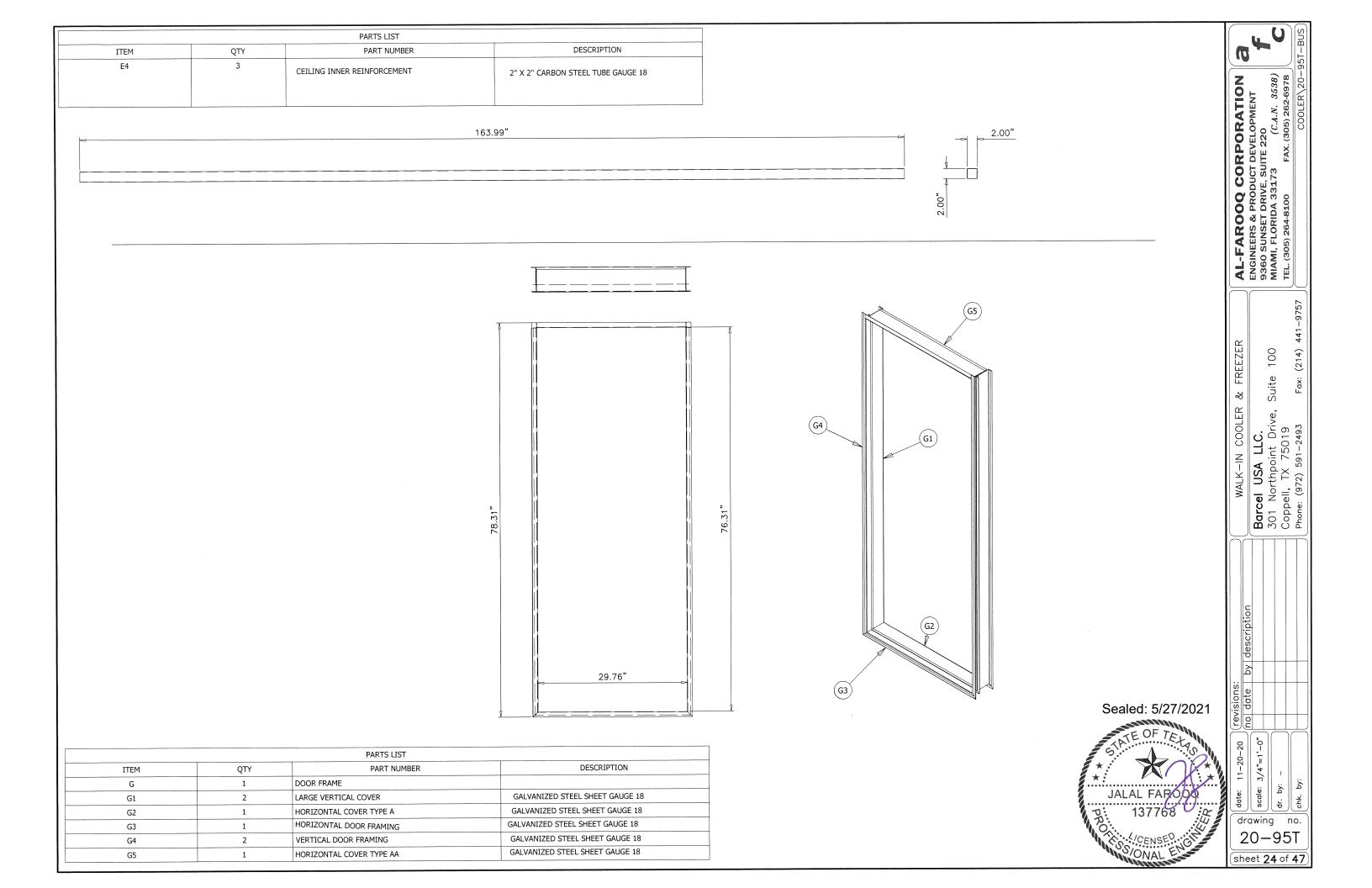
PARTS LIST

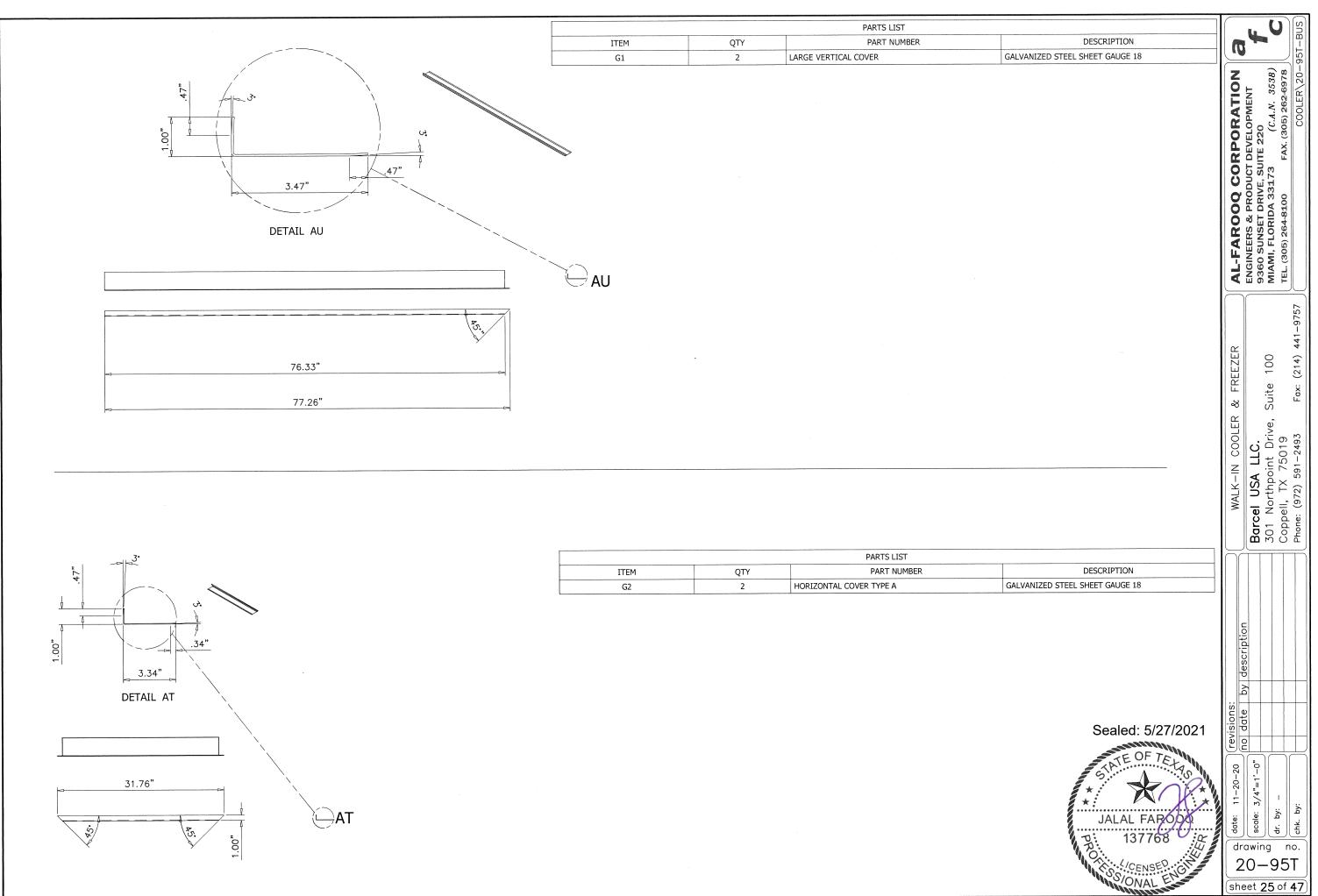


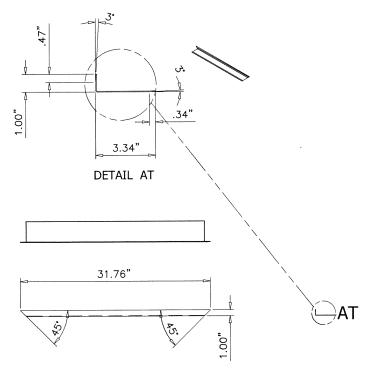
PARTS LIST					
ITEM	QTY	PART NUMBER	DESCRIPTION		
E2	3	INTERIOR CEILING PANEL SHEET	EMBOZED STUCCO ALUMINUM SHEET GAUGE 23		
E3	3	EXTERIOR CEILING PANEL SHEET	WHITE PAINTED GALVANIZED STEEL SHEET GAUGE 26 TERNIUM ZINTRO G60		
E4	3	CEILING INNER REINFORCEMENT	2" X 2" CARBON STEEL TUBE GAUGE		
E5	3	INNER SUPPORT SHEET	GALVANIZED STEEL SHEET GAUGE 26		
E6	8	INNER REINFORCEMENT FOR THE EVAPORATOR	GALVANIZED STEEL SHEET GAUGE 10		
E7	1	SHORT INTERNAL CEILING SHEET	EMBOZED STUCCO ALUMINUM SHEET GAUGE 23		
E8	1	SHORT EXTERNAL CEILING SHEET	WHITE PAINTED GALVANIZED STEEL SHEET GAUGE 26 TERNIUM ZINTRO G60		







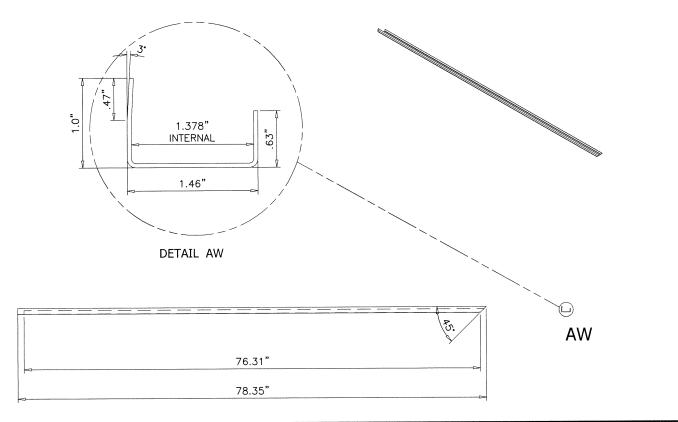




PARTS LIST				
ITEM	QTY	PART NUMBER		
G2	2	HORIZONTAL COVER TYPE A		

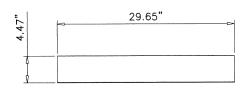
PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	
G3	2	HORIZONTAL DOOR FRAMING	GALVANIZED STEEL SHEET GAUGE 18	
	1.00	31.69"	AV	

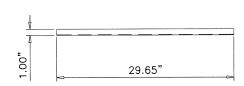
PARTS LIST					
	ITEM	QTY	PART NUMBER	DESCRIPTION	
	G4	2	VERTICAL DOOR FRAMING	GALVANIZED STEEL SHEET GAUGE 18	

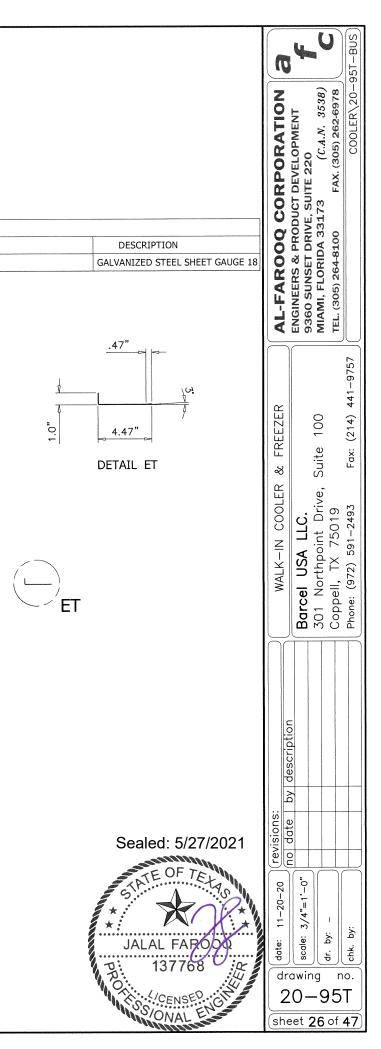


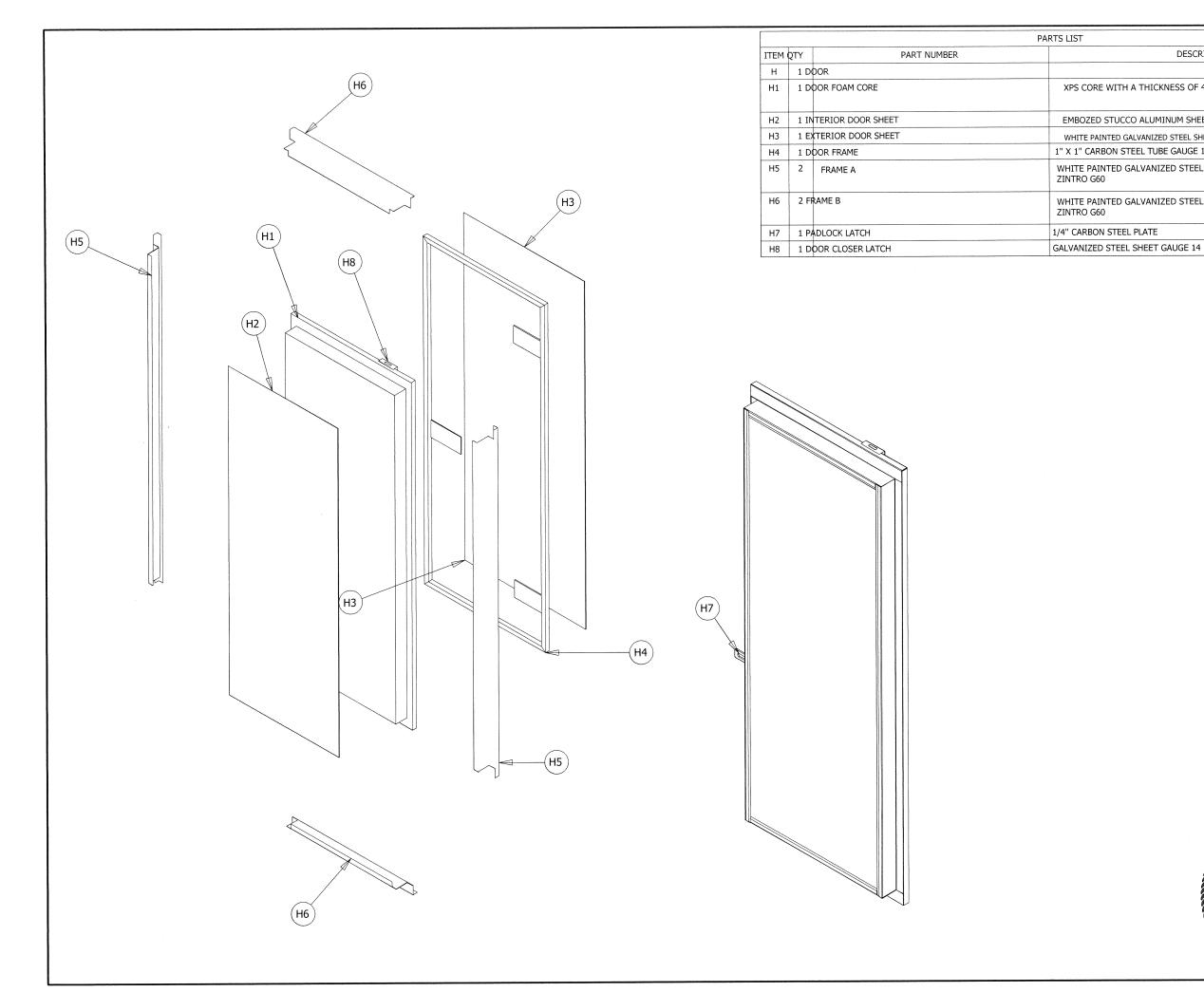
		PARTS LIST
ITEM	QTY	PART NUMBER
G5	1	HORIZONTAL COVER TYPE AA











#### DESCRIPTION

### XPS CORE WITH A THICKNESS OF 4", AND 30 KG/M3 DENSITY

EMBOZED STUCCO ALUMINUM SHEET GAUGE 23

WHITE PAINTED GALVANIZED STEEL SHEET GAUGE 26 TERNIUM ZINTRO G60

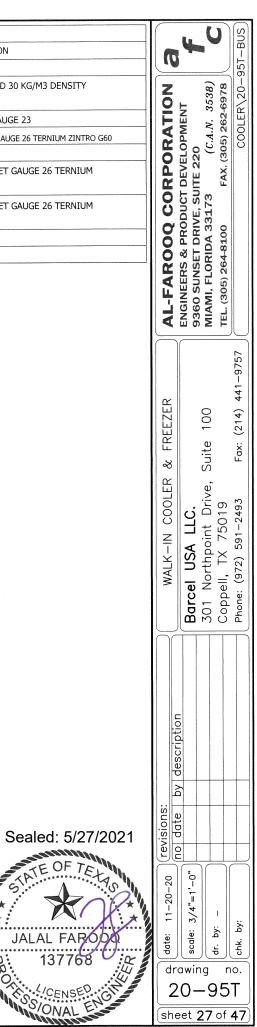
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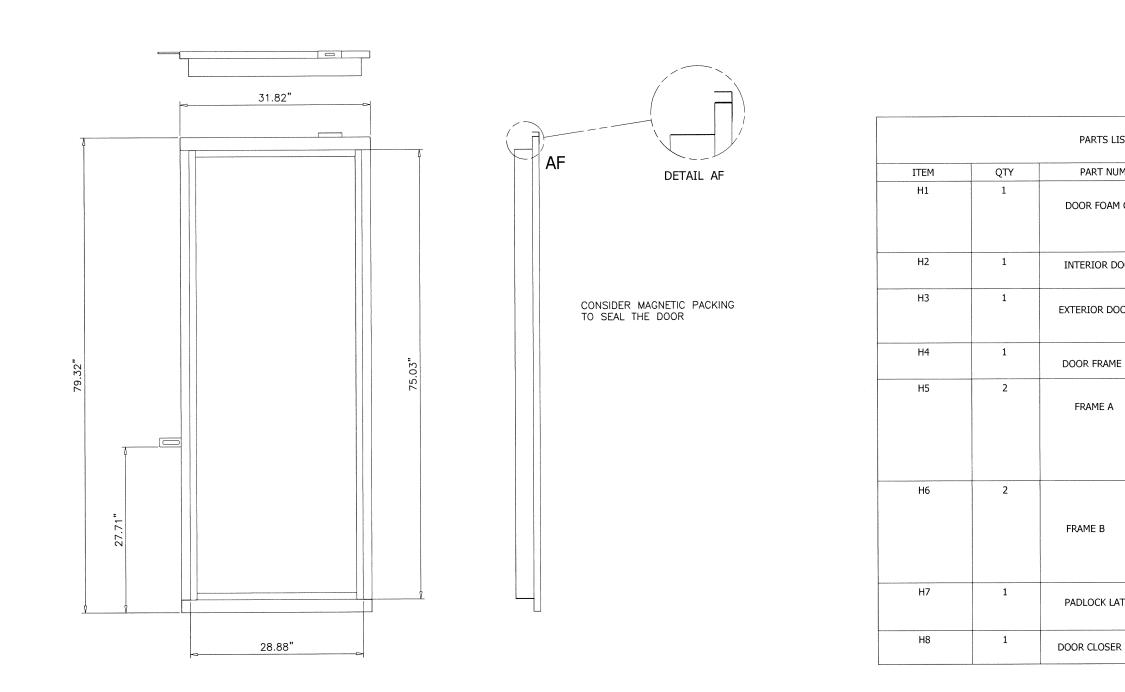
ONA

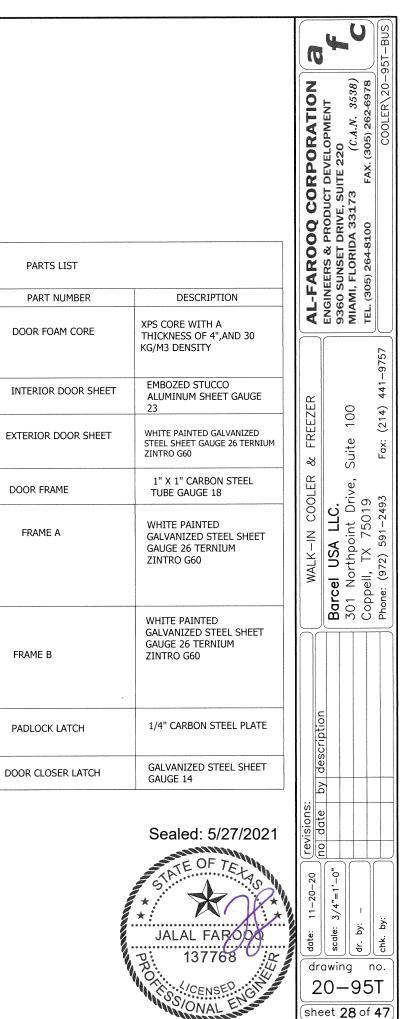
1" X 1" CARBON STEEL TUBE GAUGE 18

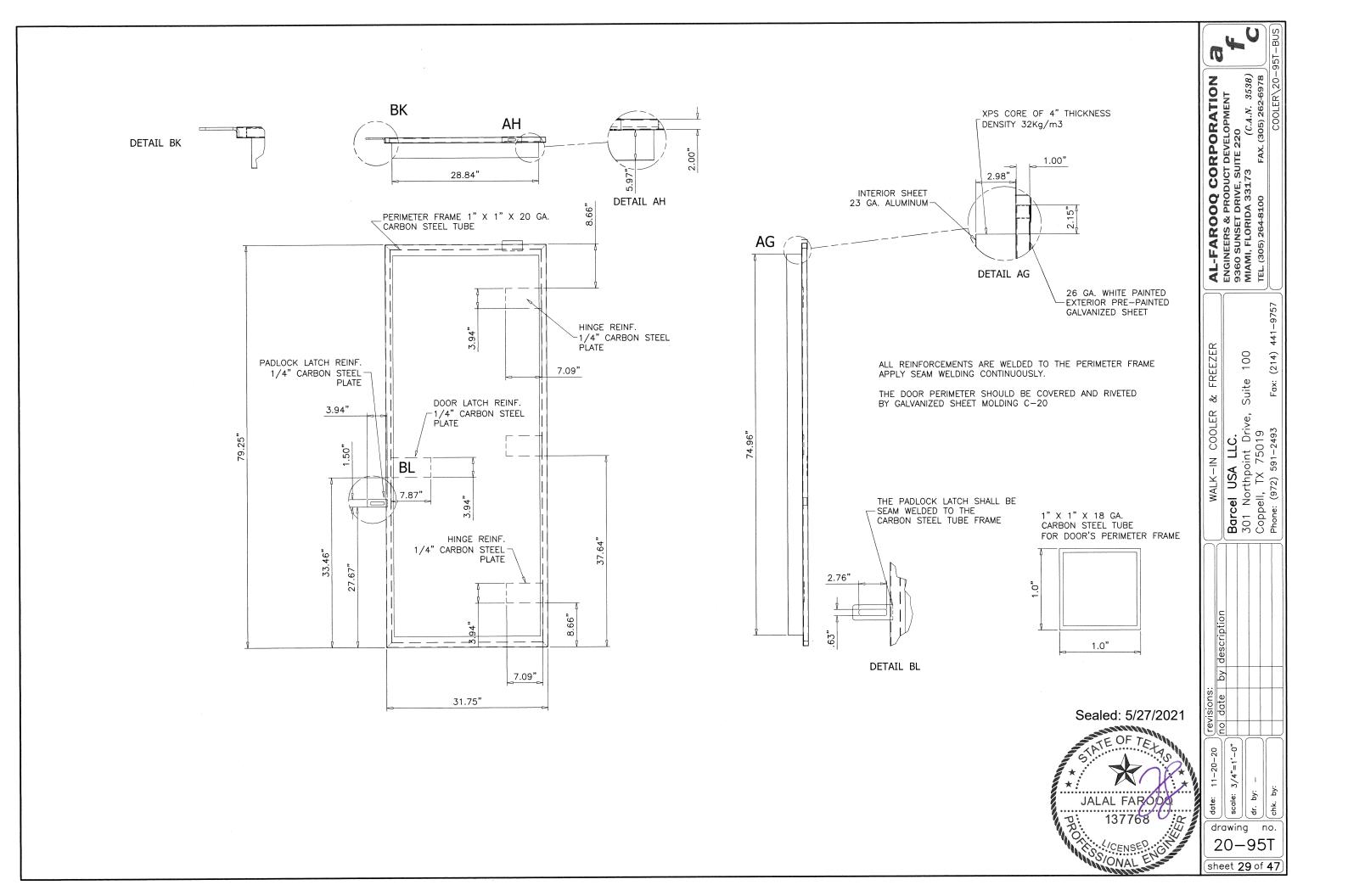
WHITE PAINTED GALVANIZED STEEL SHEET GAUGE 26 TERNIUM

WHITE PAINTED GALVANIZED STEEL SHEET GAUGE 26 TERNIUM

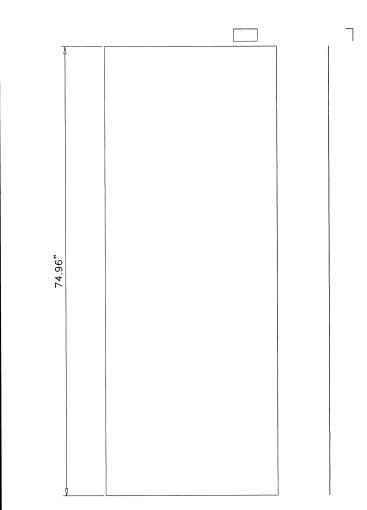


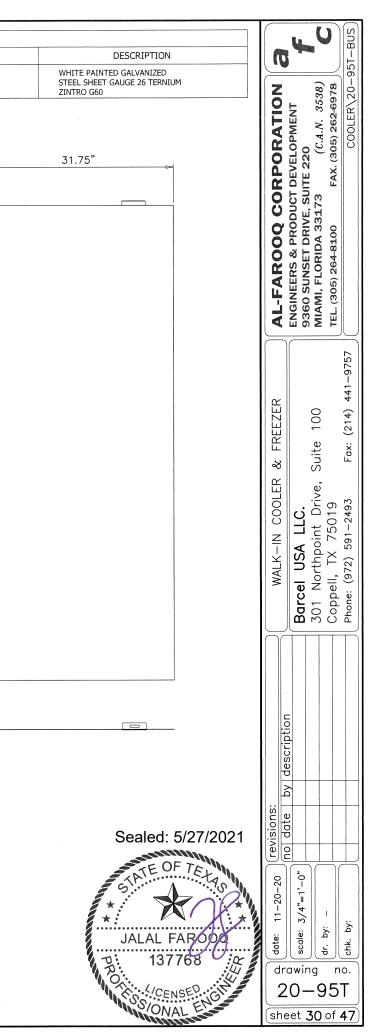






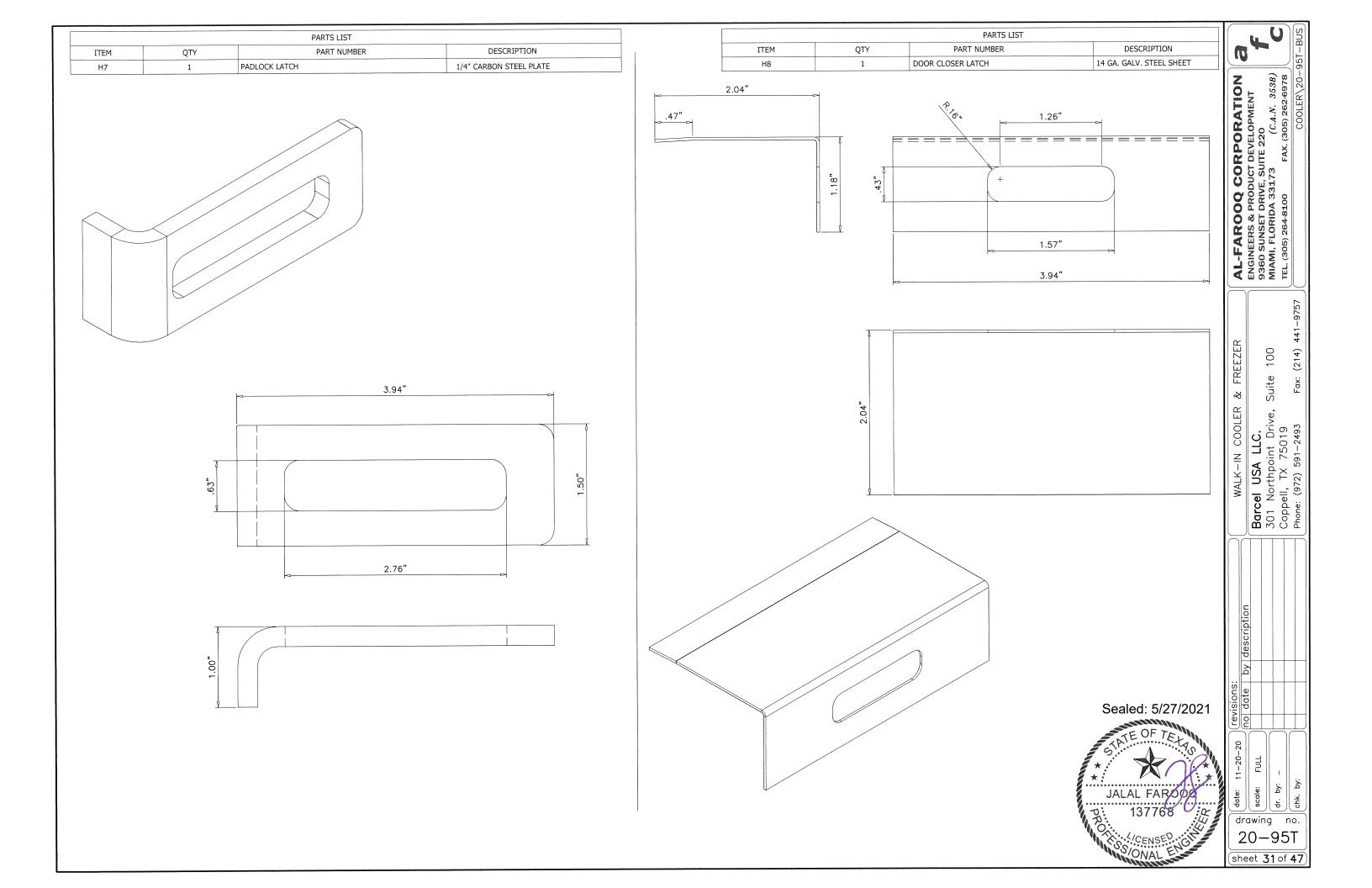
		PARTS LIST	
Ŋ	QTY	PART NUMBER	DESCRIPTION
	1	INTERIOR DOOR SHEET	EMBOZED STUCCO ALUMINUM SHEET GAUGE 23

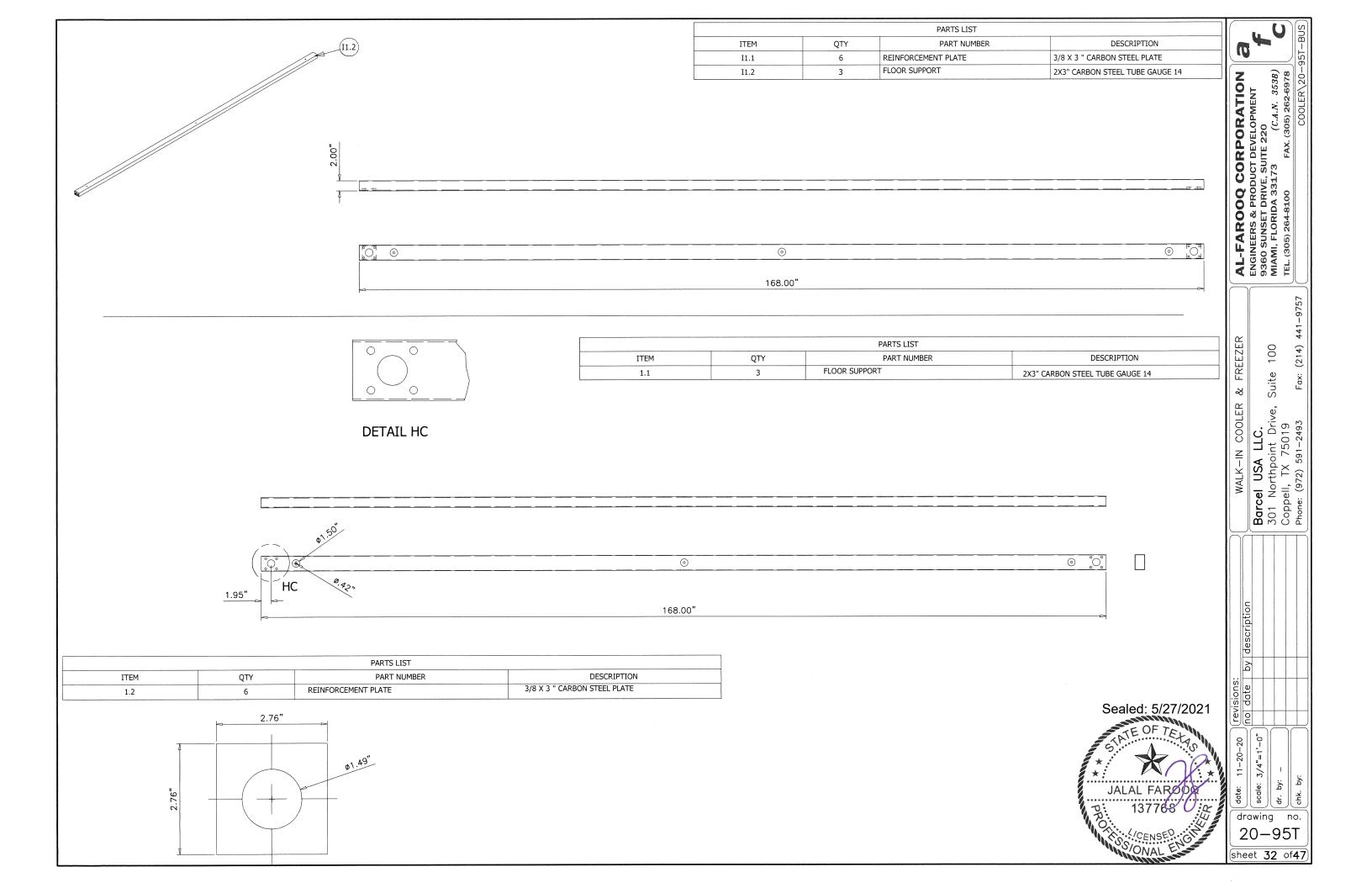




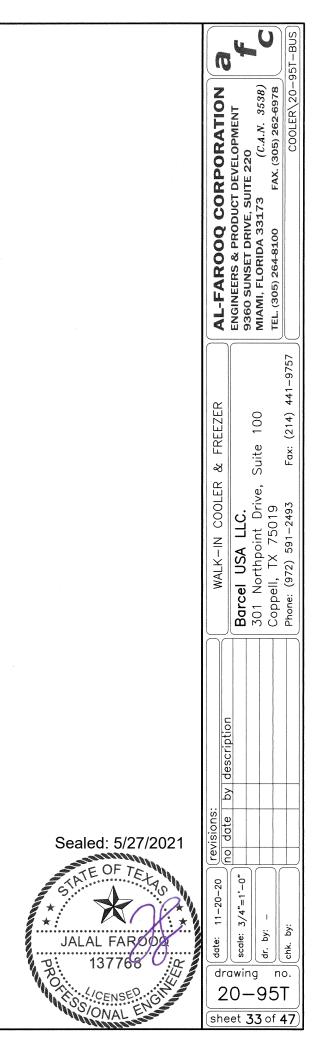
79.25"

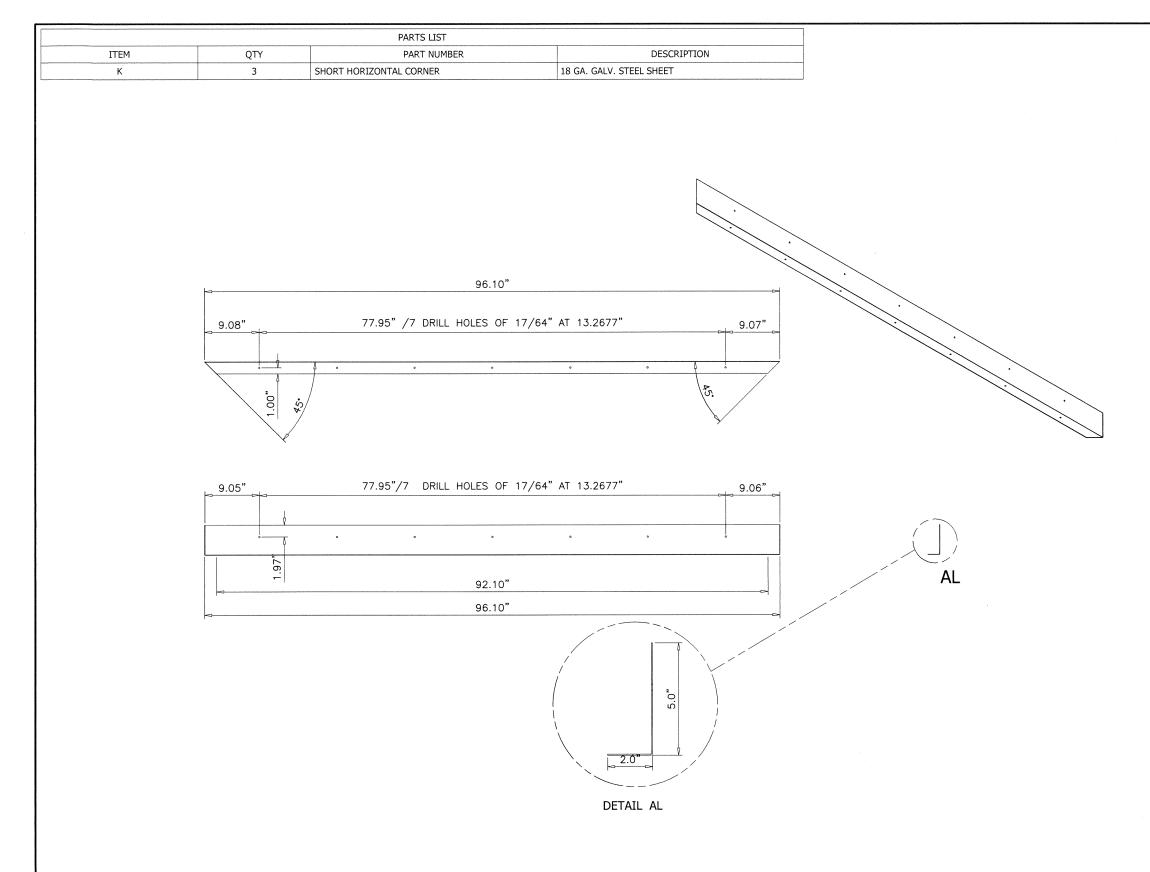
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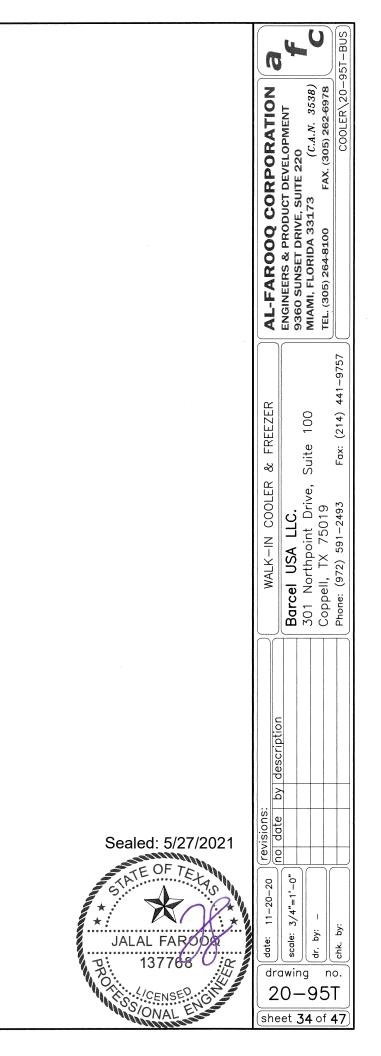


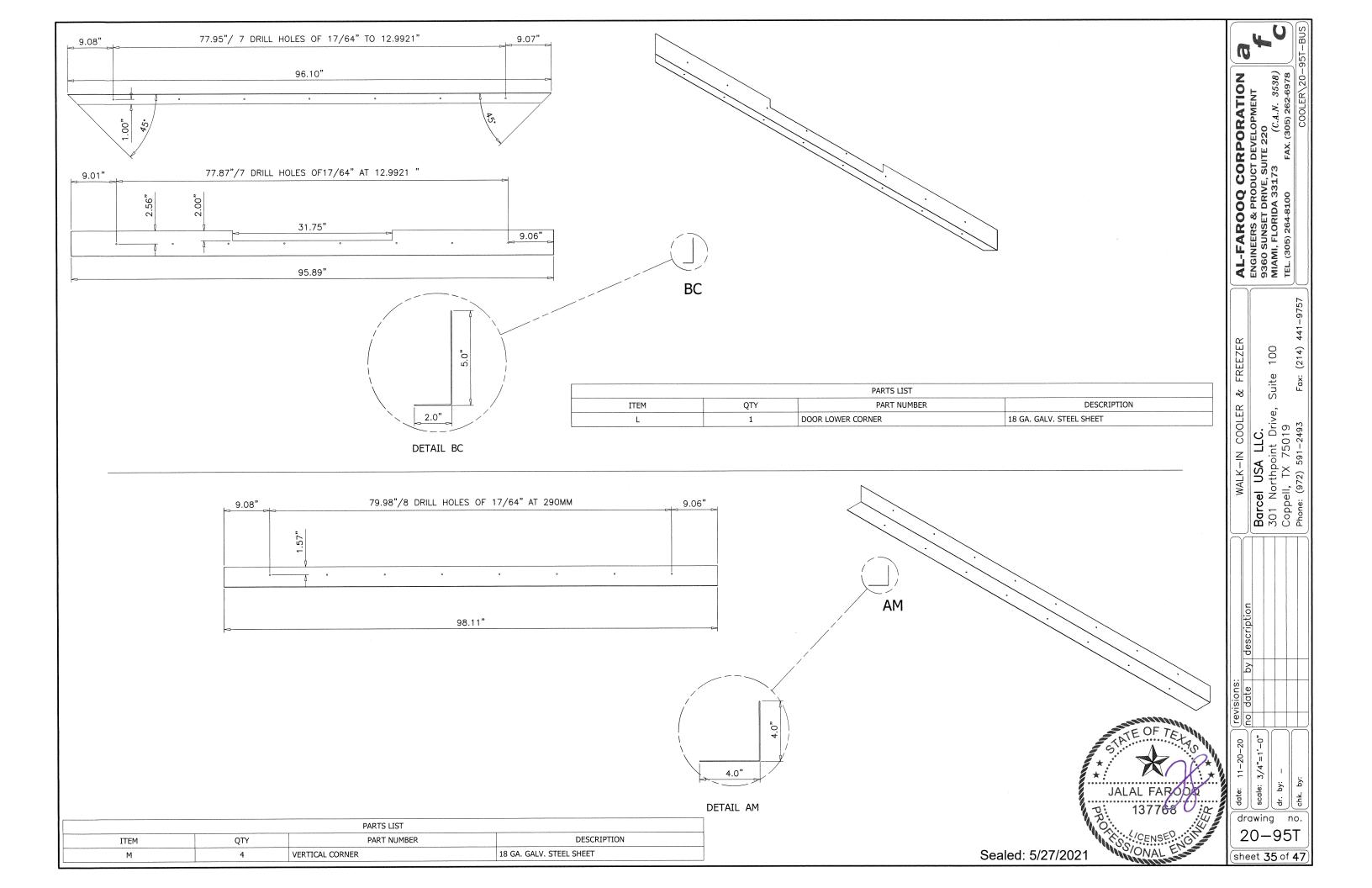


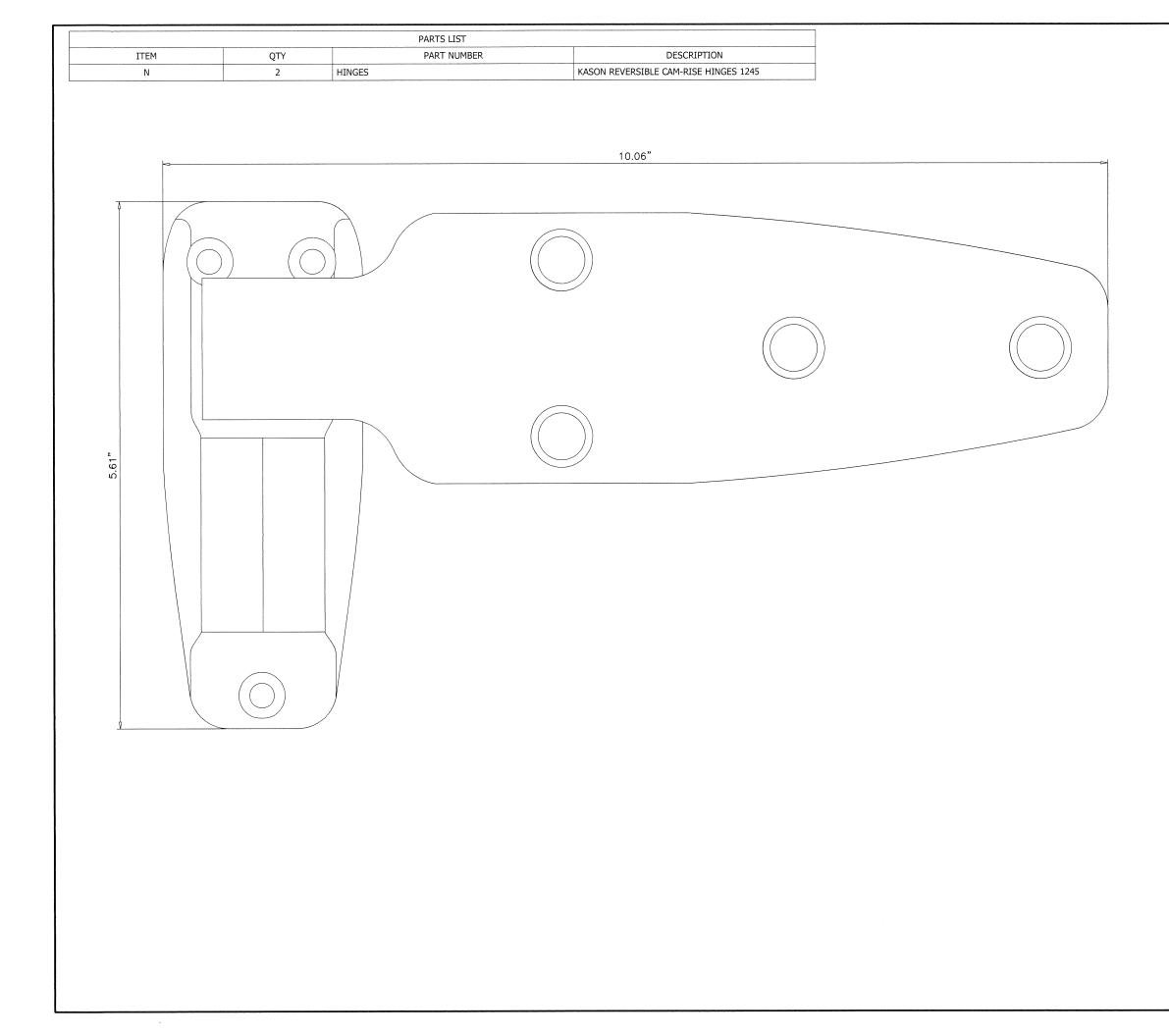
		PARTS LIST		
ITEM	QTY	PART NUMBER	DESCRIPTION	
J	8	LARGE HORIZONTAL CORNER	18 GA. GALV. STEEL SHEET	
		NOTE:		
		CONSIDER 4 PIECES FOR THE LEFT SIDE AND 4 PIECES FOR THE RIGHT SIDE		
		<b>⊳</b>	84.50"	
	2.00"	9.10" 66.34"/ 6 DRILL H	OLES OF 17/64" AT 13.26 "9	
	2	9.01" 66.34"/6 DRILL H	82.50" OLES DE 17/64" AT 13.26" 9.	<u>10"</u>
		· · ·		AK
			DETAIL AK	

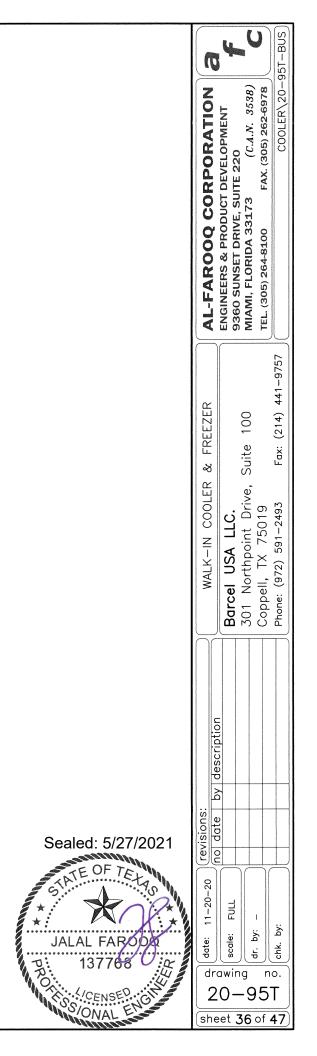


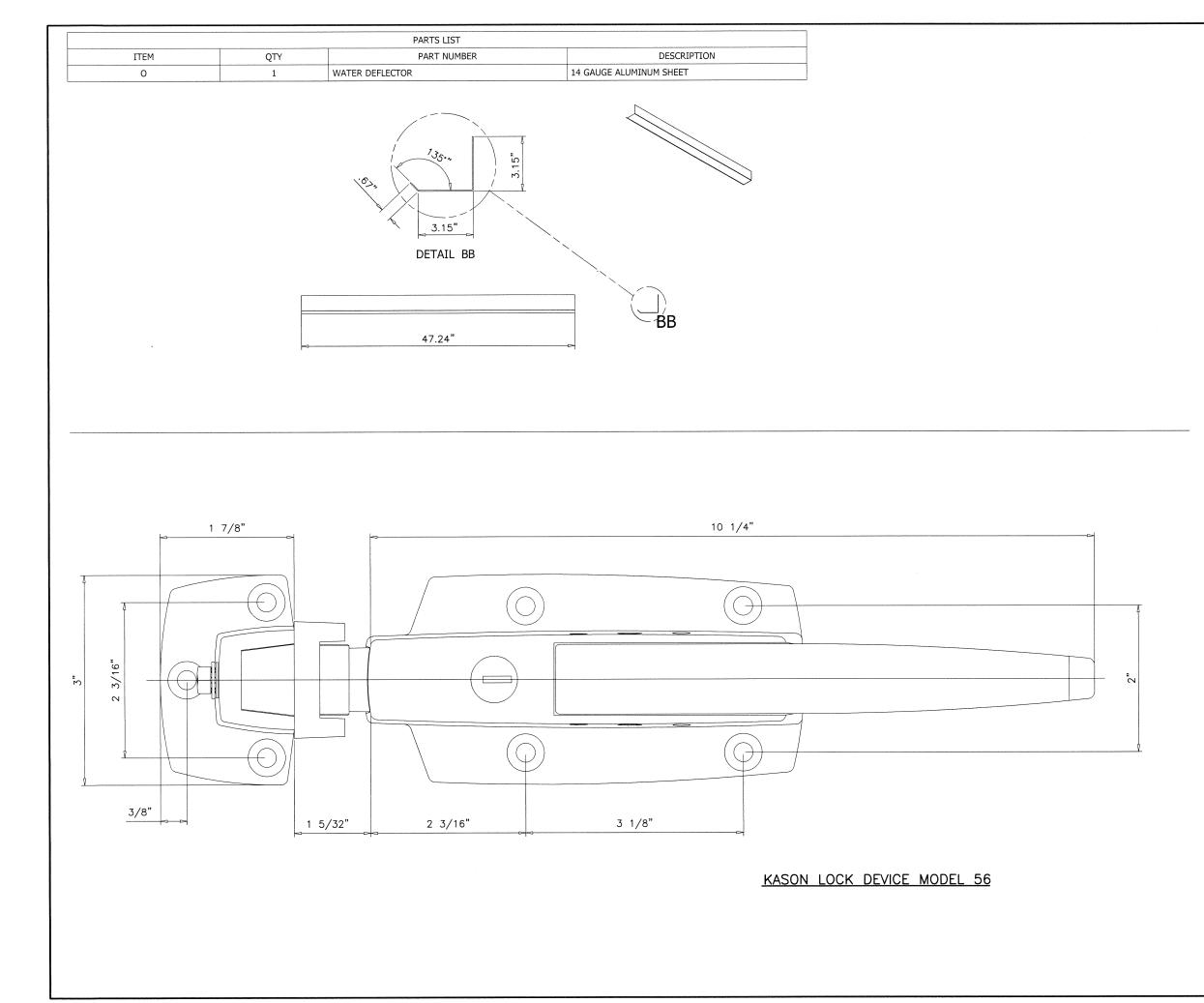


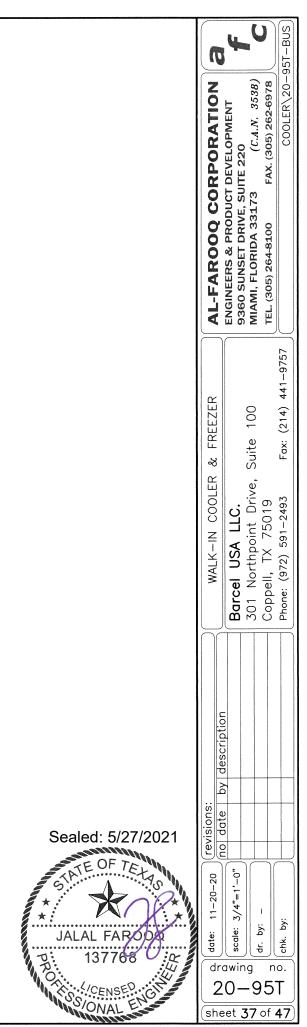


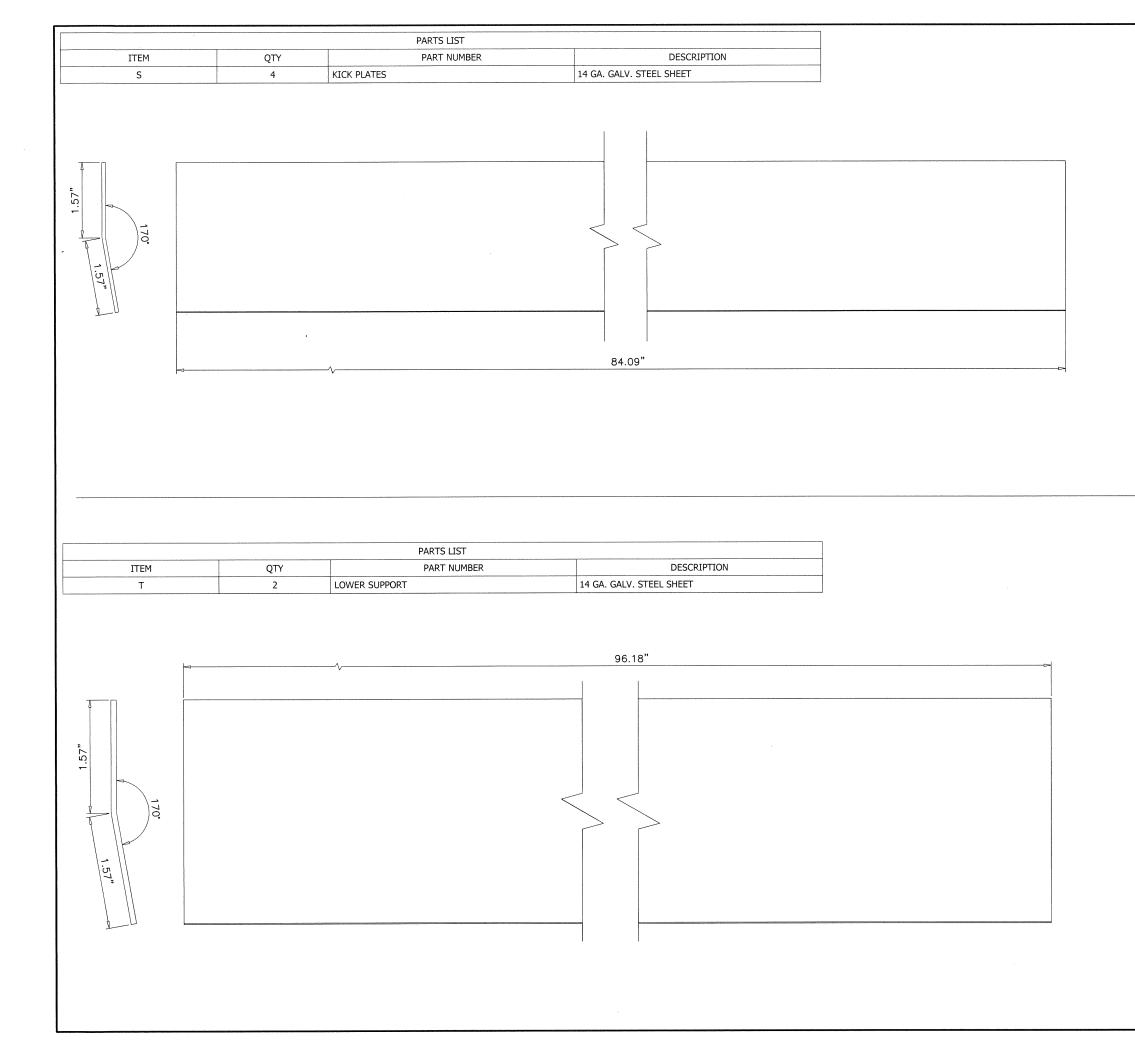


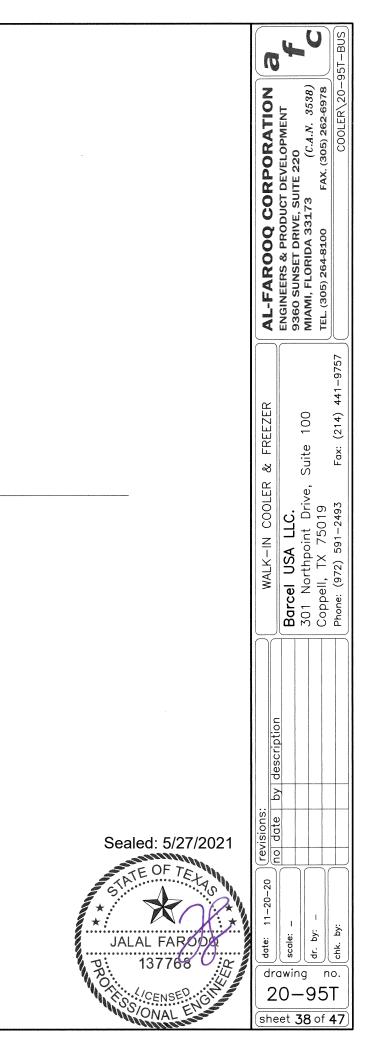


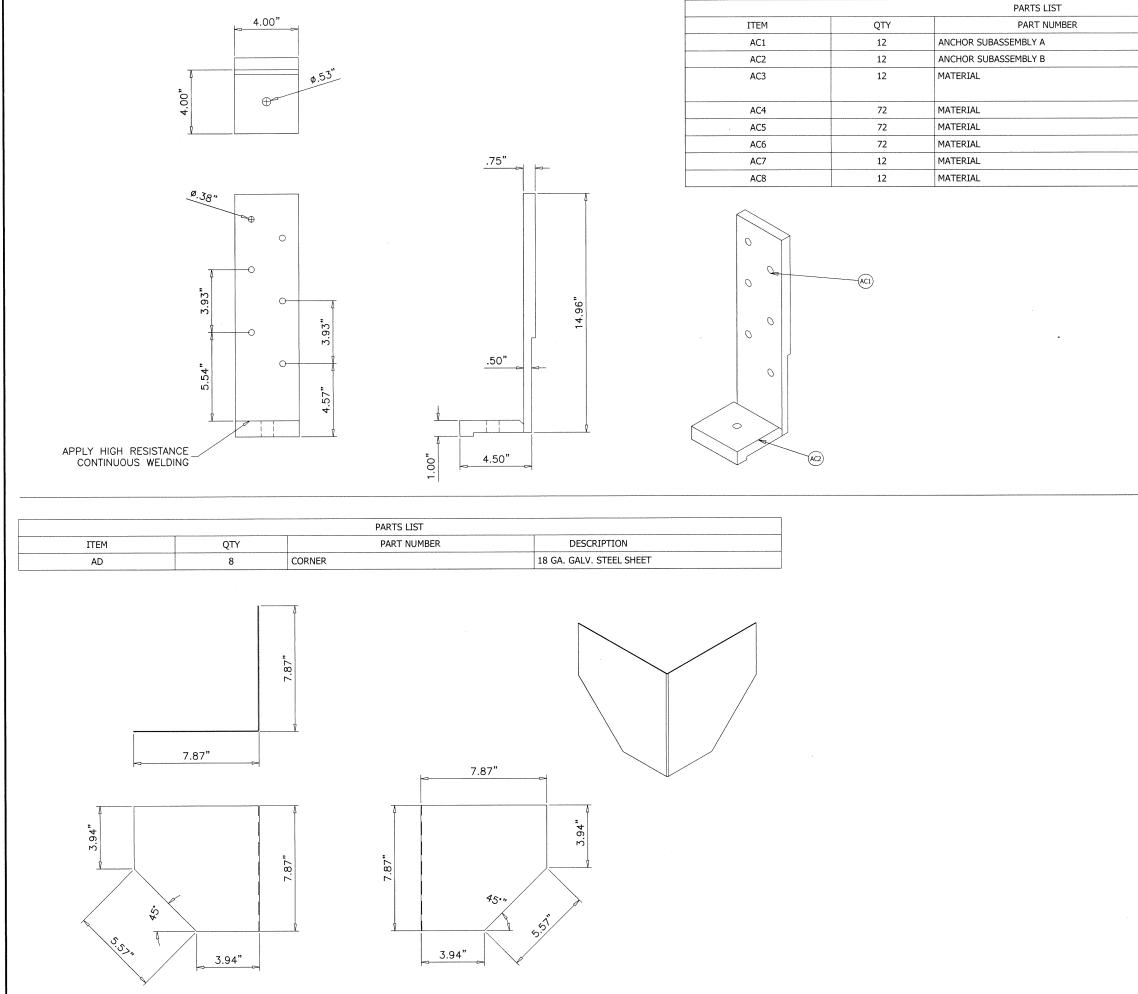




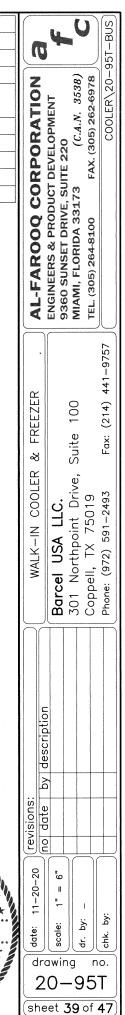




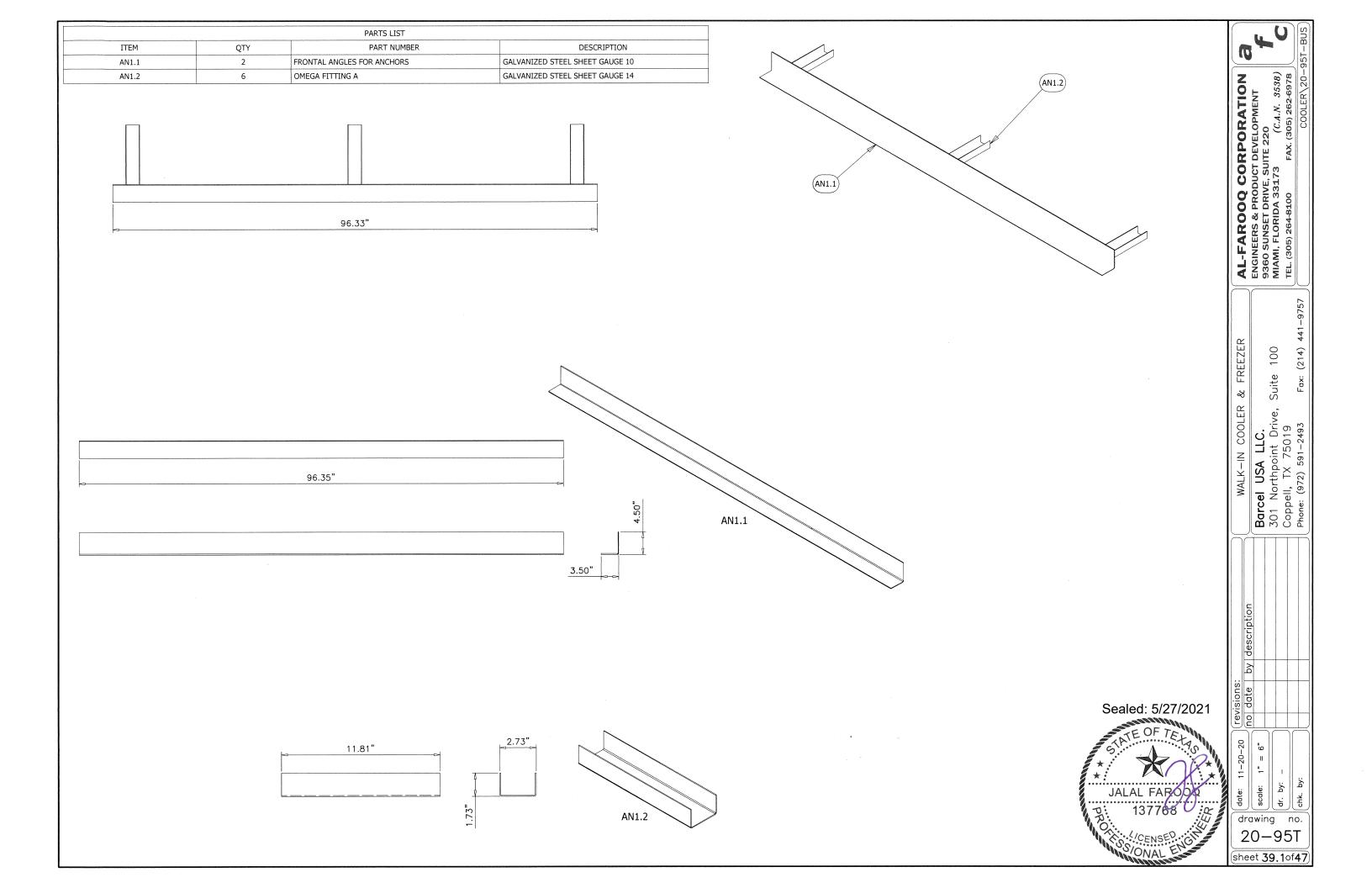




DESCRIPTION
3/4" A36 CARBON STEEL PLATE
1" A36 CARBON STEEL PLATE
1/2" HILTI KWIK BLOT 3 CARBON STEEL ANCHOR
WITH 3-12" MIN.EMBED.,
5/16" (SAE GR.5). SCREW
 5/16" FLAT WASHER
5/16" LOCK WASHER
1/2" FLAT WASHER
1/2" LOCK WASHER







ITEM	QTY	PART NUMBER	DESCRIPTION	4	
AF	6	HINGE LEVELER	GALVANIZED SHEET CAL-10	.50	.20
No					
				-	
					$\bigcirc$
				7	
				.50"	
				.50	
				<u>\</u>	

PARTS LIST							
ITEM	QTY	PART NUMBER	DESCRIPTION				
AK	1	DOOR THRESHOLD	40"X4" MOLDED ALUMINUM				

