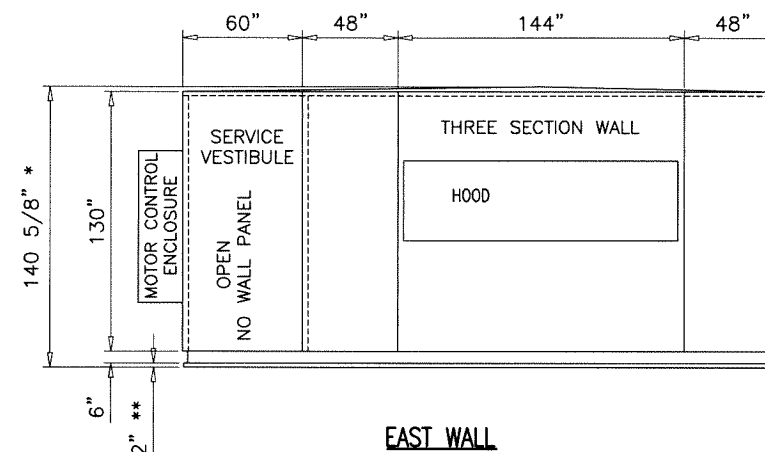
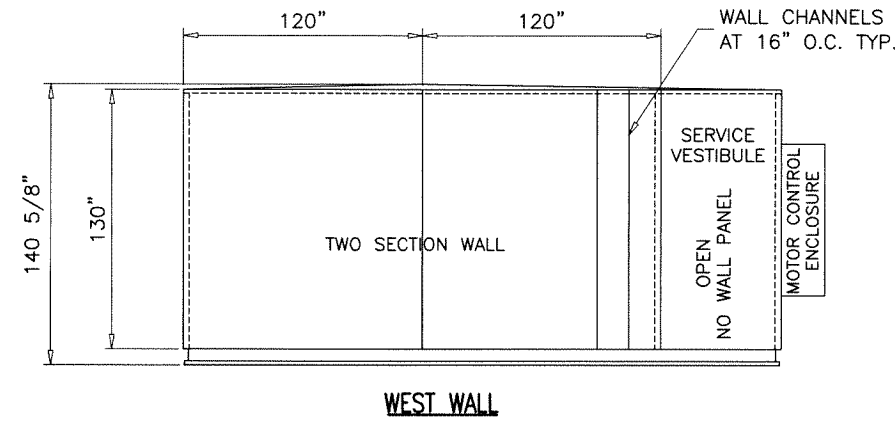
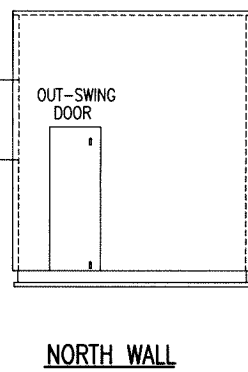
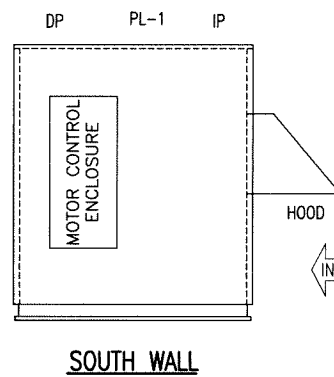
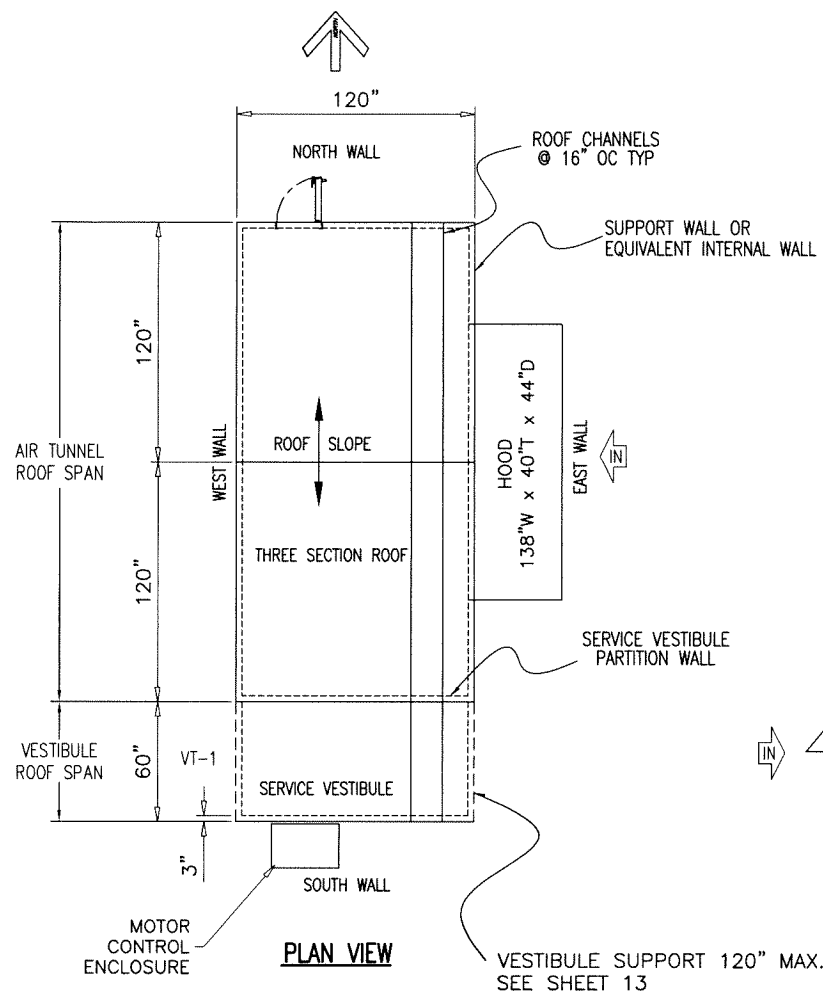


Housing Material
 Exterior Walls: 18 GA Steel or 0.08" Thk Alum Min
 Exterior Roof: 20 GA Steel Min
 Interior Walls & Roof: 22 GA Steel Min



MAXIMUM DESIGN LOAD RATING = + 80.0 PSF
 (FOR SIZES SHOWN ABOVE OR SMALLER) - 80.0 PSF

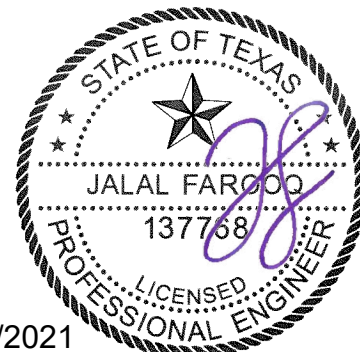
* NOTE: MAX HEIGHT TO PEAK OF SLOPED ROOF
 ** NOTE: 2" CURB ANGLE

GENERAL NOTES

1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2018 INTERNATIONAL RESIDENTIAL CODE (IRC) AND 2018 INTERNATIONAL BUILDING CODE (IBC).
2. STRUCTURAL STEEL SHALL CONFORM TO ASTM DESIGNATION A-36 AND STEEL SHEET SHALL CONFORM TO ASTM DESIGNATION A-653, GALVANIZED WITH A COATING DESIGNATION OF G90. MIN. Fy = 48,380 PSI.
3. ALL CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI.
4. ELECTRICAL AND MECHANICAL DETAILS ARE NOT PART OF THIS APPROVAL.
5. POLYURETHANE SHALL BE RIGID FOAM MIN. DENSITY #2 C.F.
6. MAX. FLAME SPREAD RATING = 0 AS PER ASTM E-84. SMOKE DEVELOPED INDEX = 135. SPONTANEOUS-IGNITION TEMPERATURE = 860°F.
7. ALL STEEL TO BE SHOP PRIMED BEFORE ASSEMBLY.
8. MIN. SOIL BEARING CAPACITY = 2500 PSF.
9. A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
10. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2018 IRC/IBC.
11. DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

1. THE AIR HANDLING UNIT ASSEMBLY HAS BEEN TESTED AND ANALYZED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN LOADS" TABLE FOR THE MAXIMUM SIZED PANEL DIMENSIONS AND FRAMING DISTANCE SPACING INDICATED ON THE DRAWINGS.
2. THE DETAILS AND SPECIFICATIONS SHOWN ON ALL SHEETS INDICATED REPRESENT THE PRODUCTS AND MATERIALS TESTED AND PROPOSED FOR IMPACT, CYCLIC, AND UNIFORM STATIC AIR PRESSURE TESTING IN ACCORDANCE WITH FLORIDA BUILDING CODE PROTOCOLS TAS 201, TAS 202, AND TAS 203 FOR LARGE MISSILE IMPACT. ADDITIONALLY THE PRODUCT WAS TESTED IN ACCORDANCE WITH ASTM E72 FOR COMPONENT SYSTEM RACKING AND ASTM E8 FOR TENSION TESTING OF THE MATERIAL COMPONENTS.
3. ATTACHMENT TO THE ROOF AND THE ROOF CURB TO PREVENT SLIDING AND OVERTURNING OF THE AIR HANDLING UNIT IS NOT PART OF THE SCOPE OF THIS PRODUCT APPROVAL. THESE ELEMENTS SHALL BE REVIEWED BY THE CORRESPONDING BUILDING DEPARTMENT.
4. IT SHALL BE THE RESPONSIBILITY OF THE PERMIT HOLDER TO VERIFY STRUCTURAL INTEGRITY OF THE ROOF/BUILDING STRUCTURE TO SUPPORT ALL LOADS (WIND AND STATIC) SUPERIMPOSED ON THE STRUCTURE BY THE AIR HANDLING UNIT.
5. INTERIOR MOUNTED MECHANICAL EQUIPMENT IS NOT PART OF THIS PRODUCT APPROVAL AND SHALL BE DESIGNED AND INSTALLED BY YORK/JOHNSON CONTROLS IN ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS. INTERNAL SUPPORT OF THESE INTERIOR COMPONENTS IS ALSO OUTSIDE THE SCOPE OF THIS PRODUCT APPROVAL.
6. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS AND SHALL NOT VARY UNLESS SPECIFICALLY STATED ON THE DRAWINGS.
7. ALL METAL THICKNESSES FOR PANELS, STRUCTURAL SUPPORT ELEMENTS AND OTHER COMPONENTS SHALL BE THE MINIMUM SPECIFIED GAGES DIMENSIONS INDICATED ON THE DRAWINGS.
8. ALL SHEET STEEL COMPONENTS SHALL BE MINIMUM 44 KSI SHEET STEEL AT THE SPECIFIED THICKNESS THAT CONFORMS TO ASTM A653, WITH G90U GALVANIZED FINISH.

UNIT CONSTRUCTION					
Model:	YC-IPF				
Construction:	Weather Proof				
Base:	6.0" X 1.92" X 8.2#/ft structural steel channel not painted				
Base Insulation:	2.0" Polyurethane Foam				
Exterior Material:	Walls: 18 GA G-90 Galv Steel or 0.08" Thk Alum Roof: 20 GA G-90 Galv Steel Finish: Galvanized or Painted Steel				
Wall & Roof Material:	C-Channels 16 GA G-90 Galv at 16" Spacing MAX Polyurethane Foam Walls: 3.0" Thk Roof: 2.0" Thk at side & 4.63" Thk at Peak 22 GA Steel Liner/Interior				
Screw Spacing:	See Wall and Roof Details				
NOTES					
FOR ACTUAL OVERALL CABINET WIDTH DIMENSIONS ADD:					
-	DOOR HANDLES: 3"				
-	WATER COIL CONNECTIONS: 5"				
-	ROOF OVERHANG: 2"				
-	OPENING FLANGES: 1.5"				
-	LIGHT SWITCHES, CONVENIENCE OUTLETS: 4"				
ACCESS DOOR LIST					
#	Width	Height	Window / Options	FST	Mount.
①	24	72	None / Std	SS	Vert.
②	24	72	None / Std	SS	Vert.
SECTION LIST					
SECT #	DESCRIPTION				
IP	INLET PLENUM				
PL-1	PLENUM				
DP	DISCHARGE PLENUM				
VT-1	SERVICE VESTIBULE/CORRIDOR				



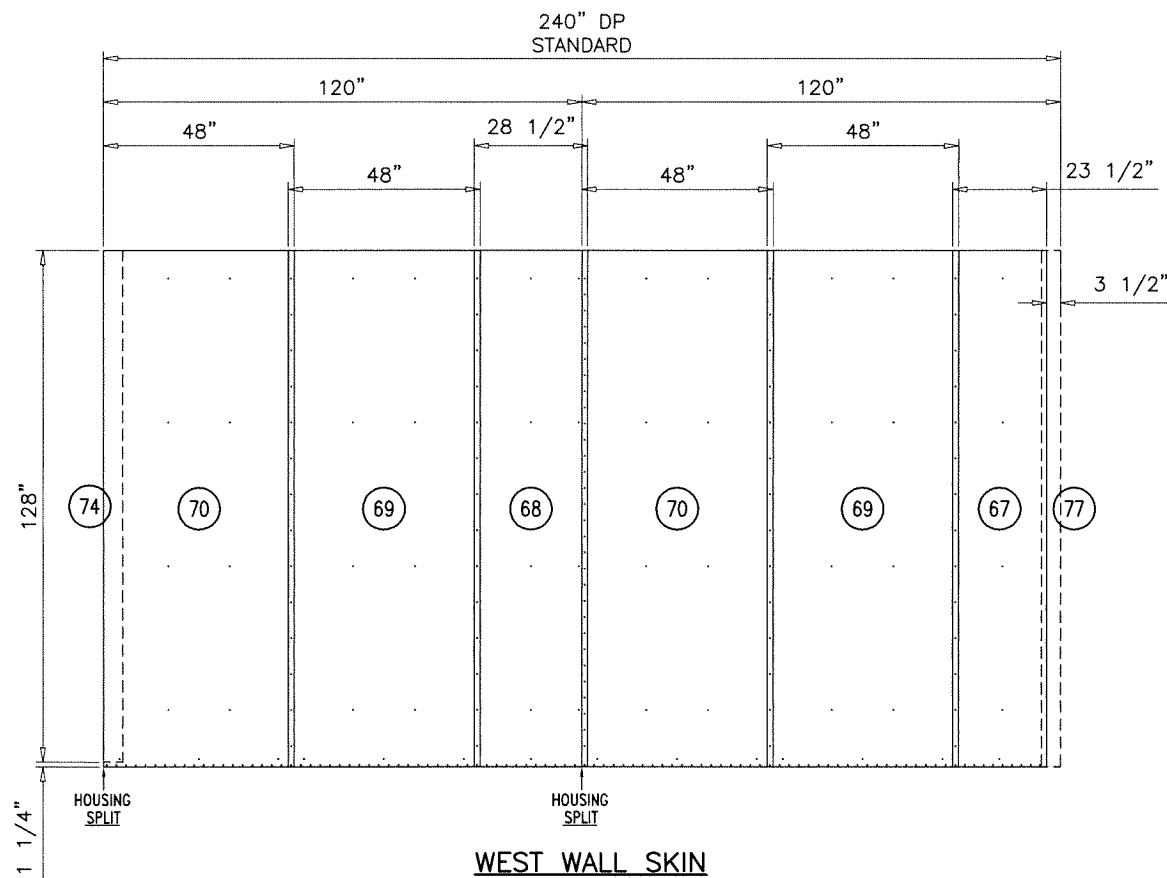
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AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 262-6978
 FAX. (305) 264-8100
 COOLER/21-53T-YIC

YORK Custom (PACE & Miller-Picking) Air Handler Unit
York/Johnson Controls Inc.
 100 JCI Way
 York, PA. 17406
 TEL. (717) 978-3326

no	date	by	description

date: 06-18-21
 scale: 1/8"=1'-0"
 dr. by: TARIQ
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 drawing no.
21-53T
 sheet 1 of 19

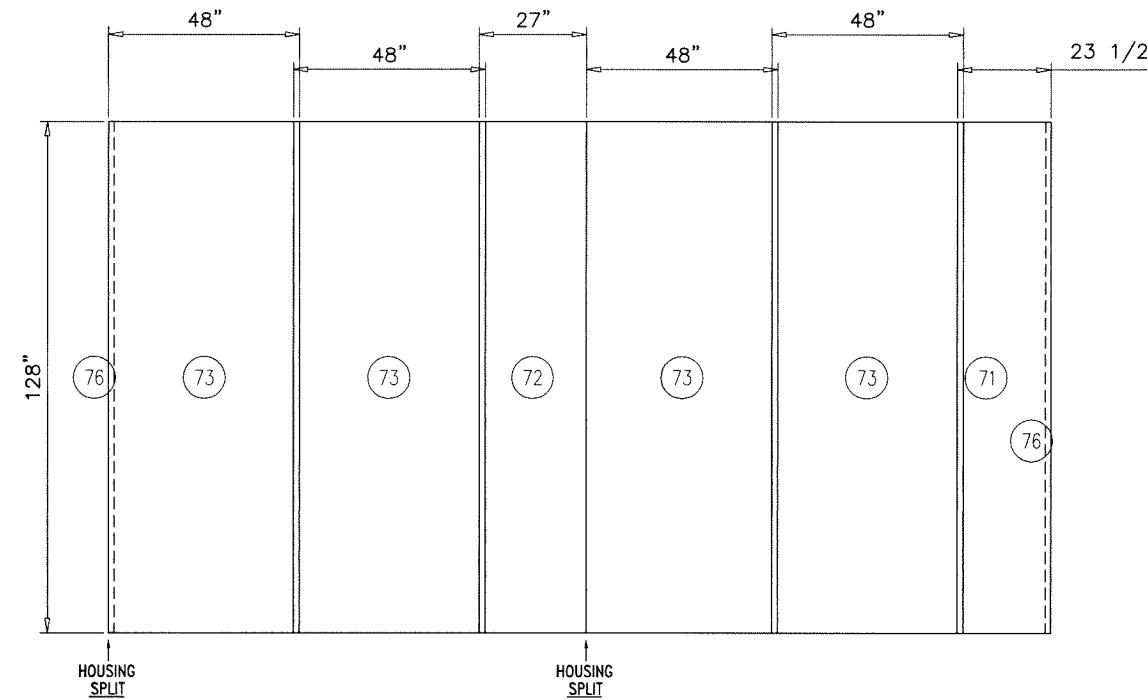


WEST WALL SKIN

18 GA (.045 THK.) MIN. STEEL OR .080" THK. MIN. ALUMINUM EXTERIOR SKIN

GENERAL NOTES:

1. SKINS HELD BACK .125 FROM ALL OPENINGS FRAMED BY 4 CHANNELS.
2. HEADER/FOOTER PIECES AT OPENINGS PLACED UNDER FULL LENGTH PIECES.
3. STANDARD EXTERIOR SKIN OVERLAP IS 1.50".

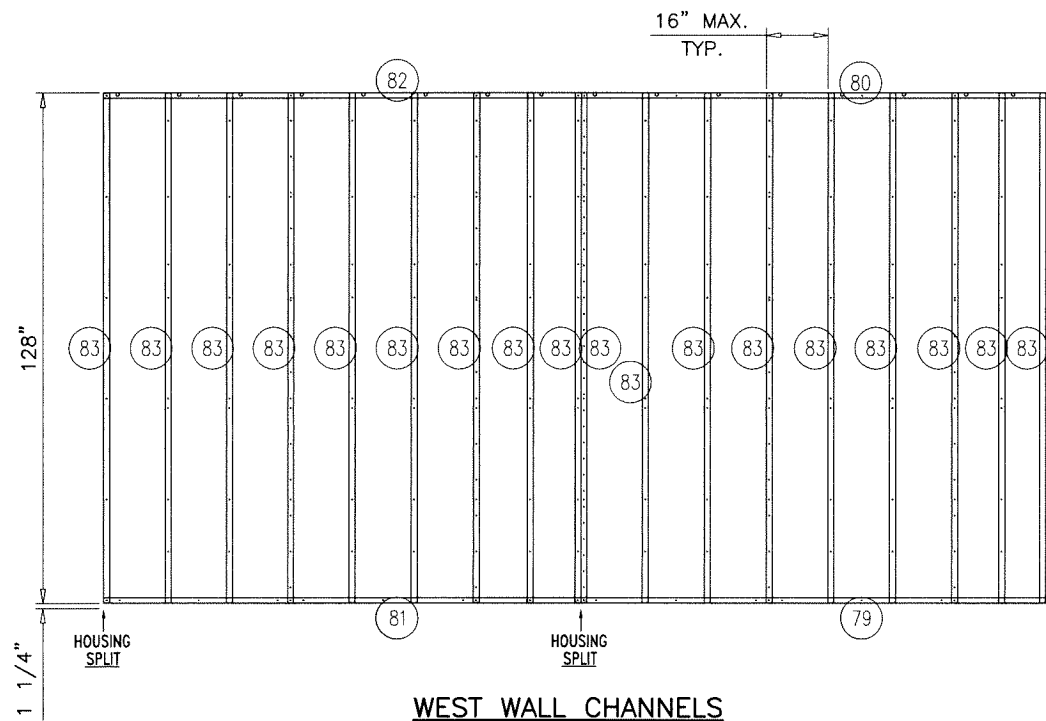


WEST WALL LINERS

22 GA (.028 THK.) MIN. G90 GALV. STEEL SKIN ON THE INTERIOR SIDE

GENERAL NOTES:

1. LINERS HELD BACK .125 FROM ALL OPENINGS FRAMED BY 4 CHANNELS.
2. HEADER/FOOTER PIECES AT OPENINGS PLACED UNDER FULL LENGTH PIECES.
3. STANDARD INTERIOR LINER OVERLAP IS 1.50".



WEST WALL CHANNELS

LEVEL	ITEM	PART NO. * = Stocked	TOTAL QTY.	SORT FIELD	DESCRIPTION	SHEET/REF.	QTY. ONE
	66		1	WALL ASSEMBLY	WEST WALL: 240.00 X 128.00		1
	74		1	C: CORNER-CAP3	9.44W X 128.00L X AL,3105H14,.040		1
	77		1	C: CORNER-CAP3	9.44W X 129.25L X AL,3105H14,.040		1
	76		2	C: CORNER-LINER	2.65W X 127.94L X SHEET, GLV, G90, 16GA		2
	67		1	C: EXT-SKIN-0	23.50W X 129.25L X AL,3105H14,.040		1
	68		1	C: EXT-SKIN-0	28.50W X 129.25L X AL,3105H14,.040		1
	69		2	C: EXT-SKIN-0	48.00W X 129.25L X AL,3105H14,.040		2
	70		2	C: EXT-SKIN-0	48.00W X 129.25L X AL,3105H14,.040		2
	71		1	C: INT-LINER-0	23.47W X 127.94L X SHEET, GLV, G90, 22GA		1
	72		1	C: INT-LINER-0	26.97W X 127.94L X SHEET, GLV, G90, 22GA		1
	73		4	C: INT-LINER-0	48.00W X 127.94L X SHEET, GLV, G90, 22GA		4
	79		1	C: SC1.41X3.13-0	5.75W X 116.50L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
	80		1	C: SC1.41X3.13-0	5.75W X 116.50L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
	81		1	C: SC1.41X3.13-0	5.75W X 120.00L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
	82		1	C: SC1.41X3.13-0	5.75W X 120.00L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
	83		18	C: SC1.50X2.94-0	5.74W X 127.75L X CHANNEL, RF, 16GA, GLV, 5.67W_F		18



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af c
AL-FAROOQ CORPORATION
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 9360 SUNSET DRIVE, SUITE 220
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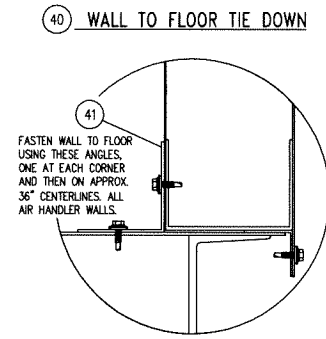
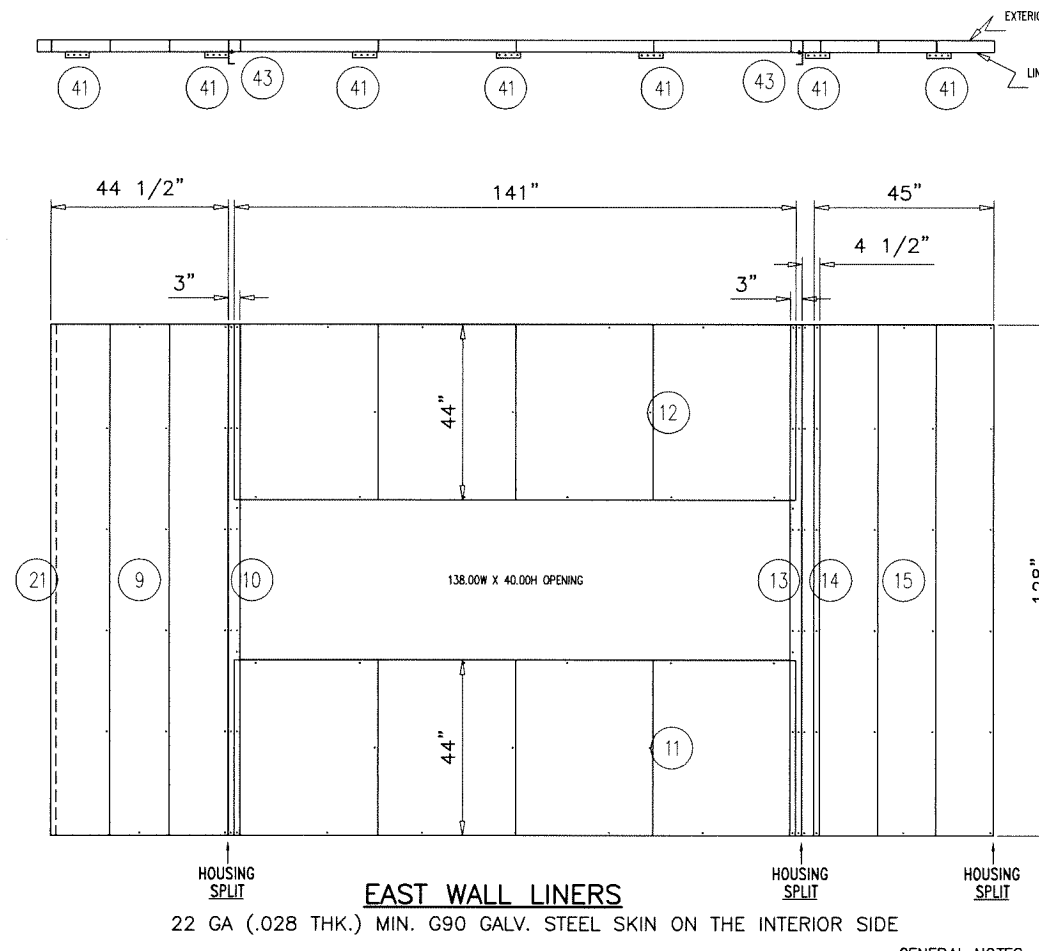
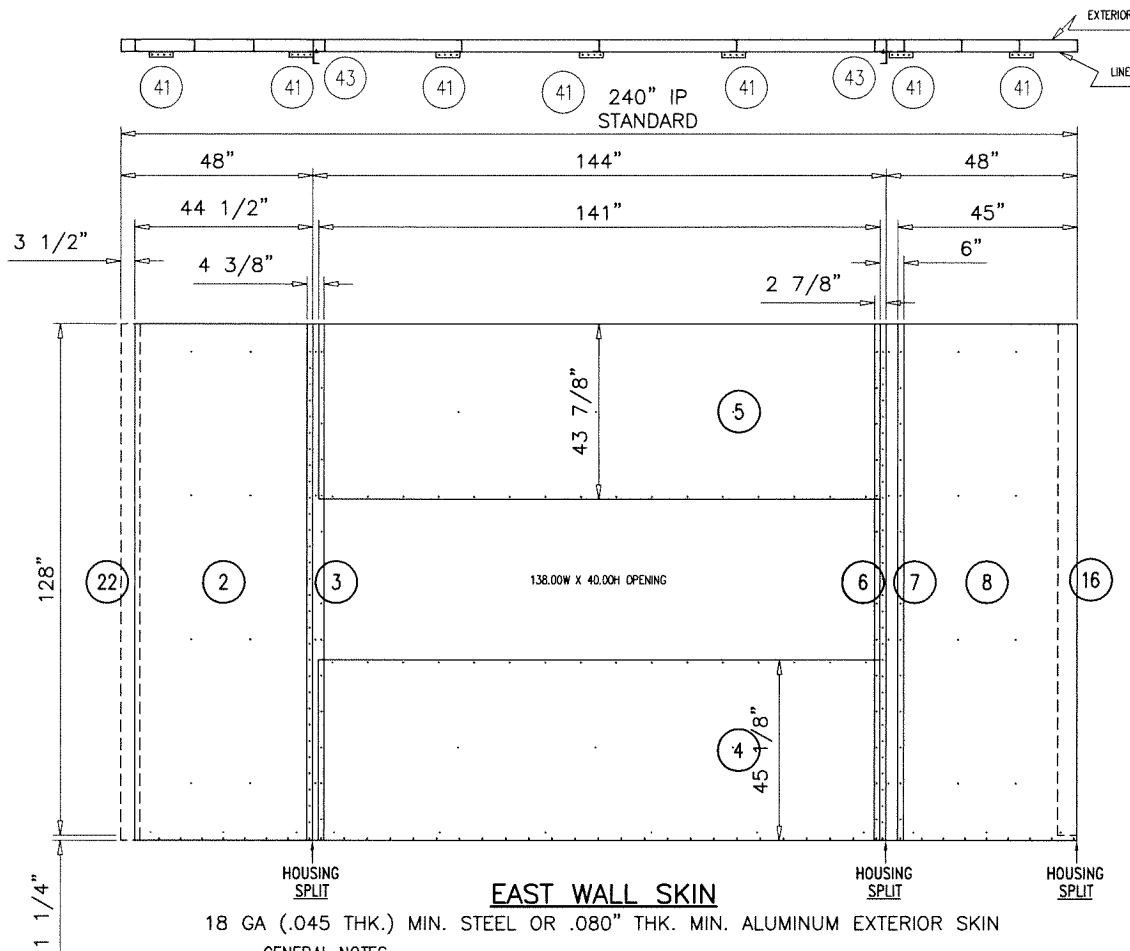
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 York, PA. 17406
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revisions:

no	date	by	description

date: 06-18-21
 scale: 1/4" = 1'-0"
 dr. by: TARIQ
 chk. by:
 drawing no.
21-53T
 sheet 2 of 19

ALL DIMENSIONS SHOWN ARE IN INCHES.



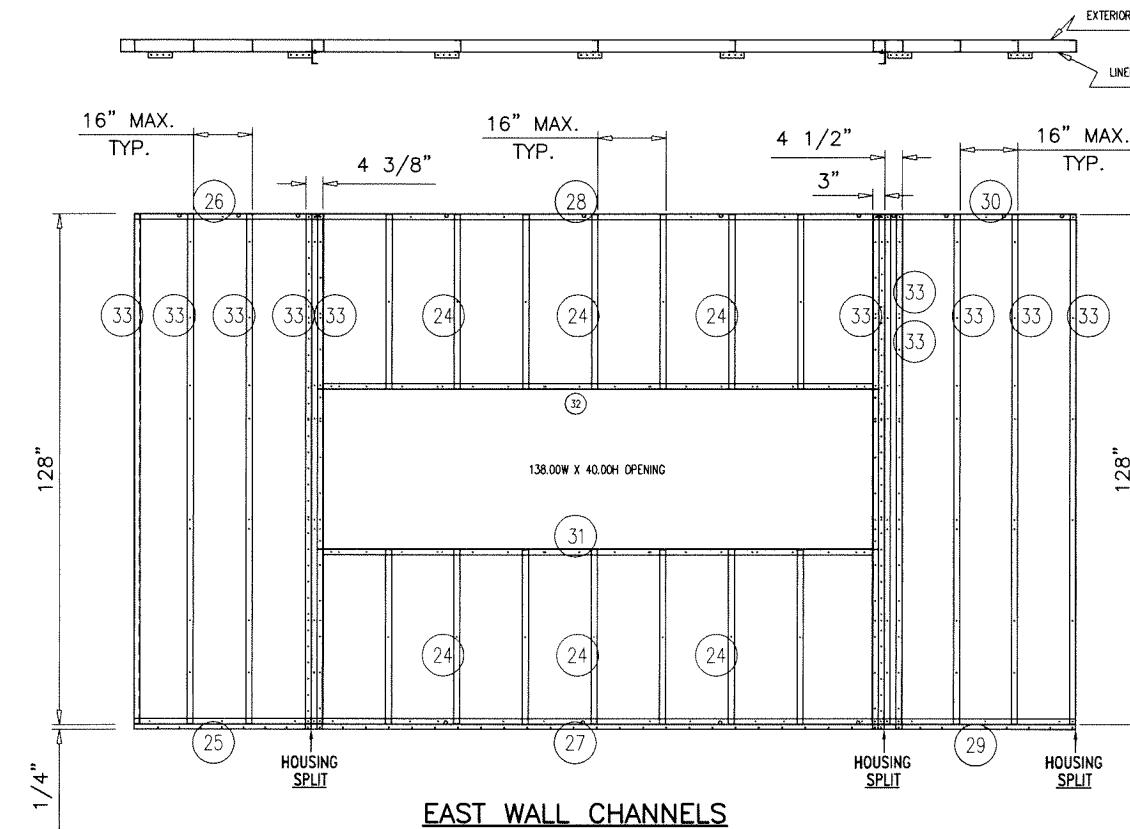
GENERAL NOTES:

1. SKINS HELD BACK .125 FROM ALL OPENINGS FRAMED BY 4 CHANNELS.
2. HEADER/FOOTER PIECES AT OPENINGS PLACED UNDER FULL LENGTH PIECES.
3. STANDARD EXTERIOR SKIN OVERLAP IS 1.50".

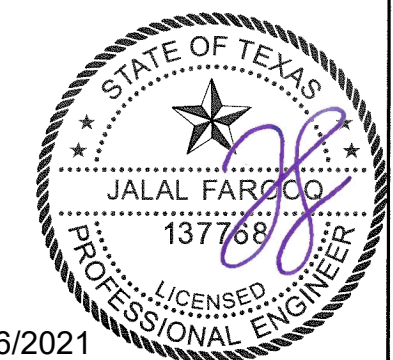
GENERAL NOTES:

1. LINERS HELD BACK .125 FROM ALL OPENINGS FRAMED BY 4 CHANNELS.
2. HEADER/FOOTER PIECES AT OPENINGS PLACED UNDER FULL LENGTH PIECES.
3. STANDARD INTERIOR LINER OVERLAP IS 1.50".

SEE SHEET 12 FOR WALL OPNG. SIZING AND ASSEMBLY GUIDELINES
SEE SHEET 17 FOR WEATHER HOOD SIZING, CONSTRUCTION AND CONFIGURATIONS GUIDELINES



LEVEL	ITEM	*PART NO. *Stocked	TOTAL QTY.	SORT FIELD	DESCRIPTION	SHEET/REF.	QTY. ONE
	1		1	WALL ASSEMBLY	EAST WALL: 240.00 X 128.00		1
	16		1	C:CORNER-CAP3	9.40W X 128.00L X SHEET, GLV, G90, 16GA		1
	22		1	C:CORNER-CAP3	9.40W X 129.25L X SHEET, GLV, G90, 16GA		1
	21		2	C:CORNER-LINER	2.65W X 127.94L X SHEET, GLV, G90, 16GA		2
	2		1	C:EXT-SKIN-0	44.50W X 129.25L X SHEET, GLV, G90, 18GA		1
	3		1	C:EXT-SKIN-0	4.38W X 129.25L X SHEET, GLV, G90, 18GA		1
	4		1	C:EXT-SKIN-0	141.00W X 45.13L X SHEET, GLV, G90, 18GA		1
	5		1	C:EXT-SKIN-0	141.00W X 43.88L X SHEET, GLV, G90, 18GA		1
	6		1	C:EXT-SKIN-0	2.88W X 129.25L X SHEET, GLV, G90, 18GA		1
	7		1	C:EXT-SKIN-0	6.00W X 129.25L X SHEET, GLV, G90, 18GA		1
	8		1	C:EXT-SKIN-0	45.00W X 129.25L X SHEET, GLV, G90, 18GA		1
	43		2	C:F1.50-0	6.64W X 130.64L X SHEET, GLV, G90, 12GA		2
	9		1	C:INT-LINER-0	44.44W X 127.94L X SHEET, GLV, G90, 22GA		1
	10		1	C:INT-LINER-0	2.94W X 127.94L X SHEET, GLV, G90, 22GA		1
	11		1	C:INT-LINER-0	141.00W X 43.94L X SHEET, GLV, G90, 22GA		1
	12		1	C:INT-LINER-0	141.00W X 43.94L X SHEET, GLV, G90, 22GA		1
	13		1	C:INT-LINER-0	2.94W X 127.94L X SHEET, GLV, G90, 22GA		1
	14		1	C:INT-LINER-0	4.44W X 127.94L X SHEET, GLV, G90, 22GA		1
	15		1	C:INT-LINER-0	44.97W X 127.94L X SHEET, GLV, G90, 22GA		1
	25		1	C:SC1.41X3.13-0	5.75W X 44.50L X CHANNEL, RF, 16GA, GLV, 5.67W_FL		1
	26		1	C:SC1.41X3.13-0	5.75W X 44.50L X CHANNEL, RF, 16GA, GLV, 5.67W_FL		1
	27		1	C:SC1.41X3.13-0	5.75W X 144.00L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
	28		1	C:SC1.41X3.13-0	5.75W X 144.00L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
	29		1	C:SC1.41X3.13-0	5.75W X 48.00L X CHANNEL, RF, 16GA, GLV, 5.67W_FL		1
	30		1	C:SC1.41X3.13-0	5.75W X 48.00L X CHANNEL, RF, 16GA, GLV, 5.67W_FL		1
	42		2	C:SC1.50X2.94	5.58W X 127.75L X SHEET, GLV, G90, 12GA		2
	24		6	C:SC1.50X2.94-0	5.74W X 43.75L X CHANNEL, RF, 16GA, GLV, 5.67W_FL		6
	31		1	C:SC1.50X2.94-0	5.74W X 138.00L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
	32		1	C:SC1.50X2.94-0	5.74W X 138.00L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
	33		11	C:SC1.50X2.94-0	5.74W X 127.75L X CHANNEL, RF, 16GA, GLV, 5.67W_F		11
	18		1	SUPPORT ASSY	PERMANENT ROOF SUPPORT ASSY	5.01	1
	19		1	C:ROOF-COLUMN	12.03W X 127.75L X SHEET, GLV, G90, 12GA		1
	20	* 091 20006 001	2	END CAP	CAP, PERM_POST, YC, 12GA, G90	YC86-010	2
	40		1	TIE DOWNS	WALL TO FLOOR TIE DOWN PARTS	5.01	1
	41		30	TIE DOWN PLATES	2.82 X 6.00 X SHEET, GLV, G90, 12GA		30
	42		1	BRACING	DISCHARGE / INLET OPENINGS	5.01	1
	43		1	BRACING SUPPORT	6.64 X 130.64 X SHEET, GLV, G90, 12GA		30



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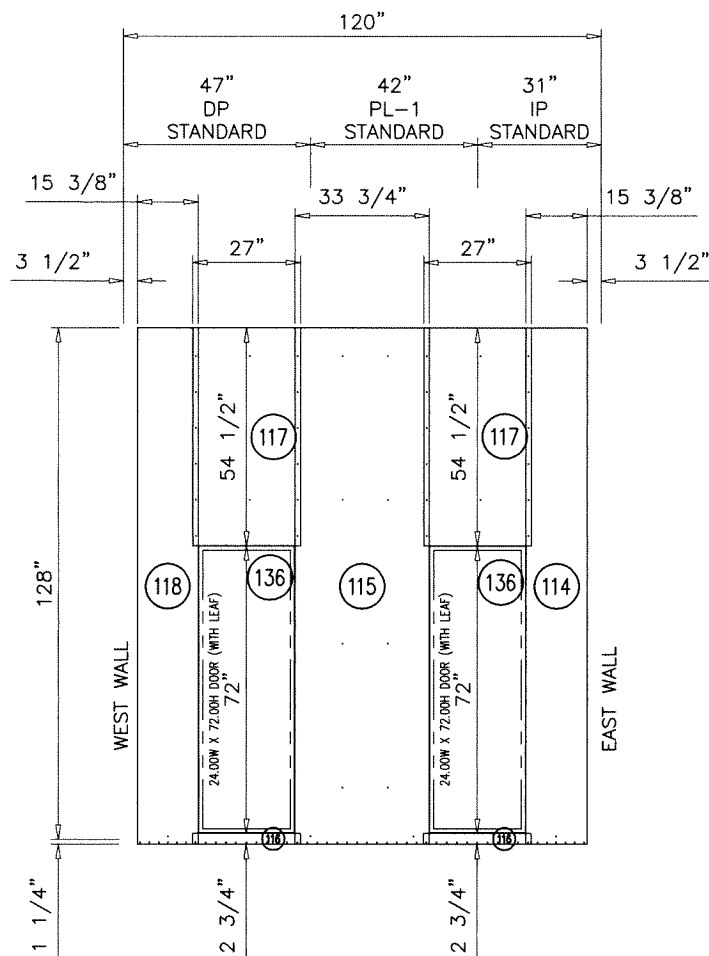
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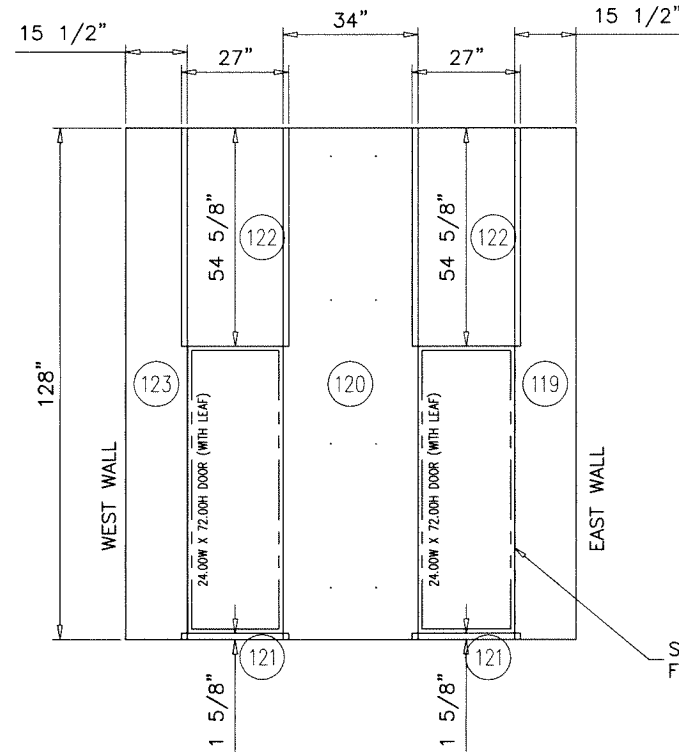


NORTH WALL SKIN

18 GA (.045 THK.) MIN. STEEL OR .080" THK. MIN. ALUMINUM EXTERIOR SKIN

GENERAL NOTES:

1. SKINS HELD BACK .125 FROM ALL OPENINGS FRAMED BY 4 CHANNELS.
2. HEADER/FOOTER PIECES AT OPENINGS PLACED UNDER FULL LENGTH PIECES.
3. STANDARD EXTERIOR SKIN OVERLAP IS 1.50".



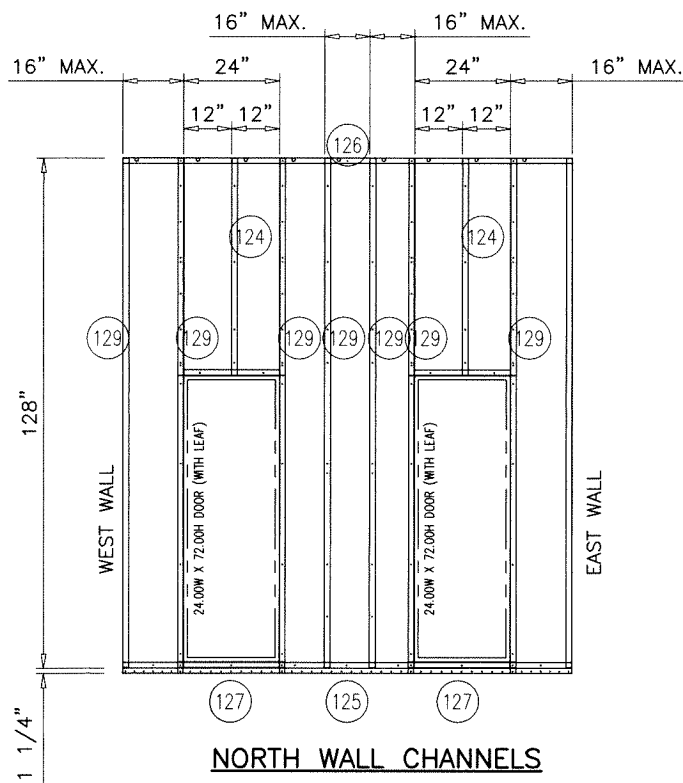
NORTH WALL LINERS

22 GA (.028 THK.) MIN. G90 GALV. STEEL SKIN ON THE INTERIOR SIDE

GENERAL NOTES:

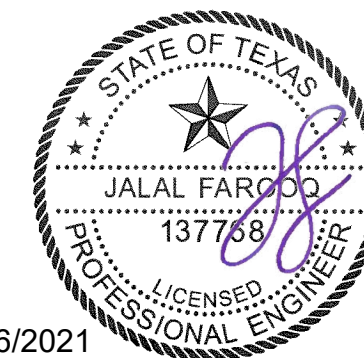
1. LINERS HELD BACK .125 FROM ALL OPENINGS FRAMED BY 4 CHANNELS.
2. HEADER/FOOTER PIECES AT OPENINGS PLACED UNDER FULL LENGTH PIECES.
3. STANDARD INTERIOR LINER OVERLAP IS 1.50".

SEE SHEET 11 FOR DOOR ATTACHMENT SCREWS



NORTH WALL CHANNELS

LEVEL	ITEM	PART NO. * = Stocked	TOTAL QTY.	SORT FIELD	DESCRIPTION	SHEET/REF.	QTY. ONE
	113		1	WALL ASSEMBLY	NORTH WALL: 120.00 X 128.00		1
	114		1	C:EXT-SKIN-0	15.38W X 129.25L X AL,3105H14,.040		1
	115		1	C:EXT-SKIN-0	33.75W X 129.25L X AL,3105H14,.040		1
	116		2	C:EXT-SKIN-0	27.00W X 2.75L X AL,3105H14,.040		2
	117		2	C:EXT-SKIN-0	27.00W X 54.50L X AL,3105H14,.040		2
	118		1	C:EXT-SKIN-0	15.38W X 129.25L X AL,3105H14,.040		1
	119		1	C:INT-LINER-0	15.44W X 127.94L X SHEET,GLV,G90,22GA		1
	120		1	C:INT-LINER-0	33.94W X 127.94L X SHEET,GLV,G90,22GA		1
	121		2	C:INT-LINER-0	27.00W X 1.56L X SHEET,GLV,G90,22GA		2
	122		2	C:INT-LINER-0	27.00W X 54.56L X SHEET,GLV,G90,22GA		2
	123		1	C:INT-LINER-0	15.44W X 127.94L X SHEET,GLV,G90,22GA		1
	136		2	C:RAIN-LIP	2.57W X 25.75L X AL,3105H14,.040		2
	125		1	C:SC1.41X3.13-0	5.75W X 113.00L X CHANNEL,RF,16GA,GLV,5.67W_FL		1
	126		1	C:SC1.41X3.13-0	5.75W X 113.00L X CHANNEL,RF,16GA,GLV,5.67W_FL		1
	124		2	C:SC1.50X2.94-0	5.74W X 54.38L X CHANNEL,RF,16GA,GLV,5.67W_FL		2
	127		2	C:SC1.50X2.94-0	5.74W X 24.00L X CHANNEL,RF,16GA,GLV,5.67W_FL		2
	128		2	C:SC1.50X2.94-0	5.74W X 24.00L X CHANNEL,RF,16GA,GLV,5.67W_FL		2
	129		8	C:SC1.50X2.94-0	5.74W X 127.75L X CHANNEL,RF,16GA,GLV,5.67W_FL		8



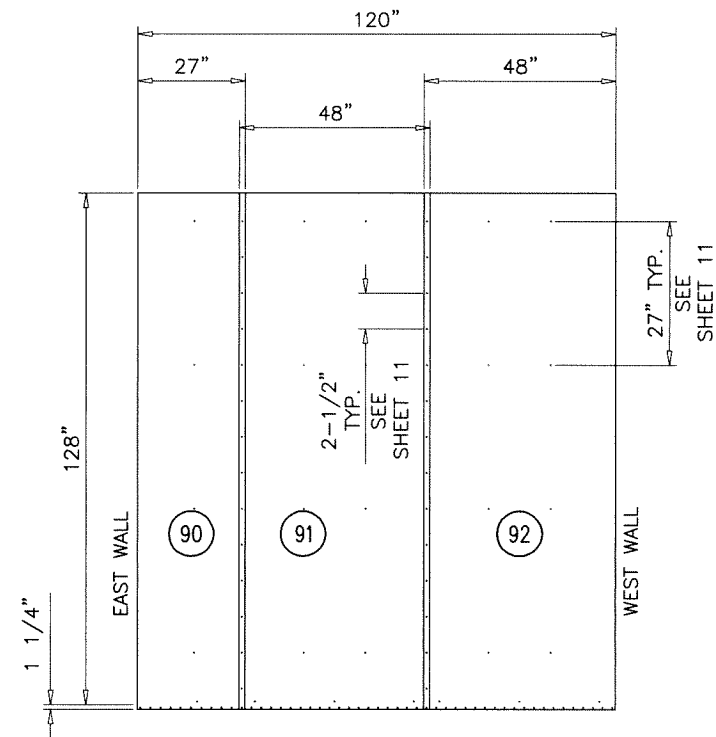
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revisions:

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21-53T
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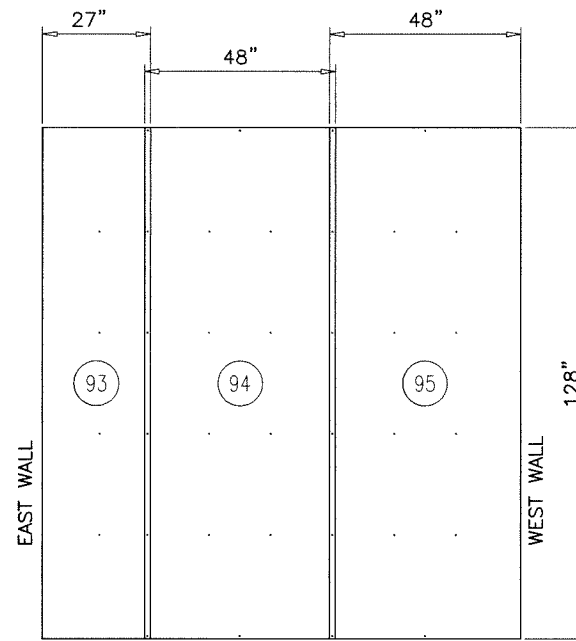


SOUTH WALL SKIN

18 GA (.045 THK.) MIN. STEEL OR .080" THK. MIN. ALUMINUM EXTERIOR SKIN

GENERAL NOTES:

1. SKINS HELD BACK .125 FROM ALL OPENINGS FRAMED BY 4 CHANNELS.
2. HEADER/FOOTER PIECES AT OPENINGS PLACED UNDER FULL LENGTH PIECES.
3. STANDARD EXTERIOR SKIN OVERLAP IS 1.50".

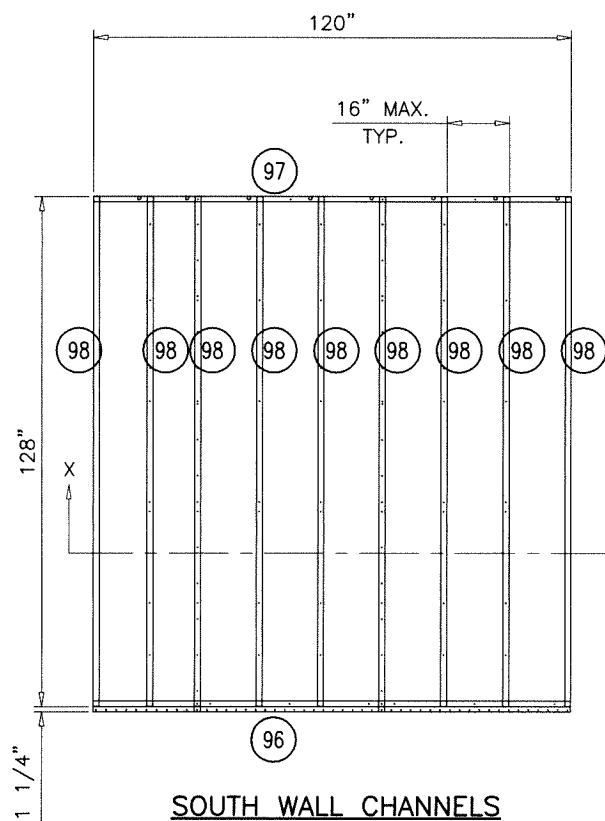


SOUTH WALL LINERS

22 GA (.028 THK.) MIN. G90 GALV. STEEL SKIN ON THE INTERIOR SIDE

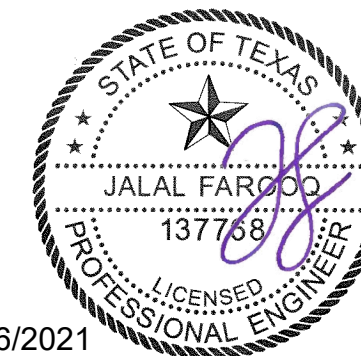
GENERAL NOTES:

1. LINERS HELD BACK .125 FROM ALL OPENINGS FRAMED BY 4 CHANNELS.
2. HEADER/FOOTER PIECES AT OPENINGS PLACED UNDER FULL LENGTH PIECES.
3. STANDARD INTERIOR LINER OVERLAP IS 1.50".



SOUTH WALL CHANNELS

LEVEL	ITEM	PART NO. * = Stocked	TOTAL QTY.	SORT FIELD	DESCRIPTION	SHEET/REF.	QTY. ONE
	89		1	WALL ASSEMBLY	SOUTH WALL: 120.00 X 128.00		1
	103	391 20002 002	29CF	OCR #574	FOAM MIX, PART A,B, & FREON		29CF
	90		1	C:EXT-SKIN-0	27.00W X 129.25L X SHEET, GLV, G90, 18GA		1
	91		1	C:EXT-SKIN-0	48.00W X 129.25L X SHEET, GLV, G90, 18GA		1
	92		1	C:EXT-SKIN-0	48.00W X 129.25L X SHEET, GLV, G90, 18GA		1
	93		1	C:INT-LINER-0	26.94W X 127.94L X SHEET, GLV, G90, 22GA		1
	94		1	C:INT-LINER-0	47.97W X 127.94L X SHEET, GLV, G90, 22GA		1
	95		1	C:INT-LINER-0	47.97W X 127.94L X SHEET, GLV, G90, 22GA		1
	96		1	C:SC1.41X3.13-0	5.75W X 120.00L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
	97		1	C:SC1.41X3.13-0	5.75W X 120.00L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
	98		9	C:SC1.50X2.94-0	5.74W X 127.75L X CHANNEL, RF, 16GA, GLV, 5.67W_F		9



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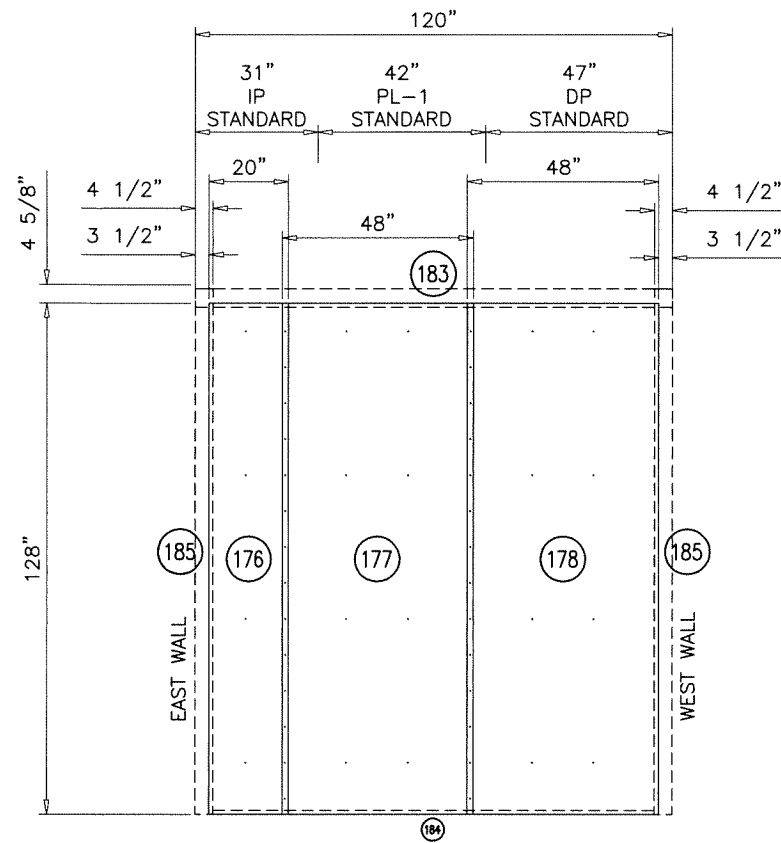
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 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 (C.A.N. 3538)

YORK Custom (PACE & Miller-Picking) Air Handler Unit
York/Johnson Controls Inc.
 100 JCI Way
 York, PA. 17406
 TEL. (717) 978-3326

revisions:

no	date	by	description

date: 06-18-21
 scale: 1/4"=1'-0"
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 chk. by:
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21-53T
 sheet 5 of 19

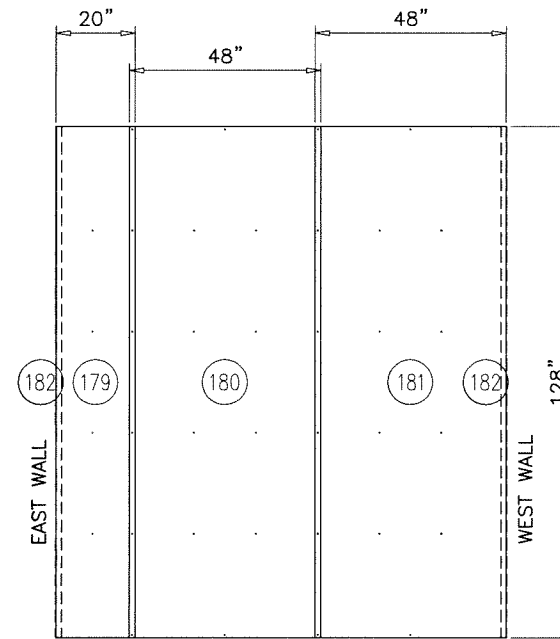


VESTIBULE/CORRIDOR WALL SKIN

18 GA (.045 THK.) MIN. STEEL OR .080" THK. MIN. ALUMINUM EXTERIOR SKIN

GENERAL NOTES:

1. SKINS HELD BACK .125 FROM ALL OPENINGS FRAMED BY 4 CHANNELS.
2. HEADER/FOOTER PIECES AT OPENINGS PLACED UNDER FULL LENGTH PIECES.
3. STANDARD EXTERIOR SKIN OVERLAP IS 1.50".

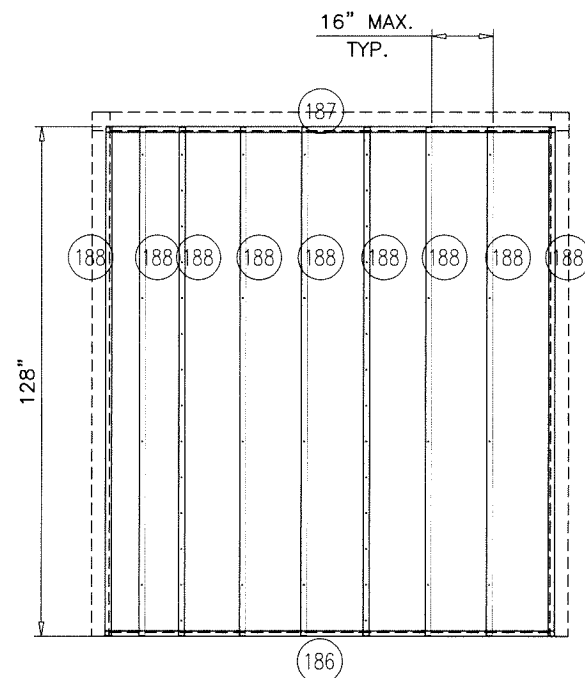


VESTIBULE/CORRIDOR WALL LINERS

22 GA (.028 THK.) MIN. G90 GALV. STEEL SKIN ON THE INTERIOR SIDE

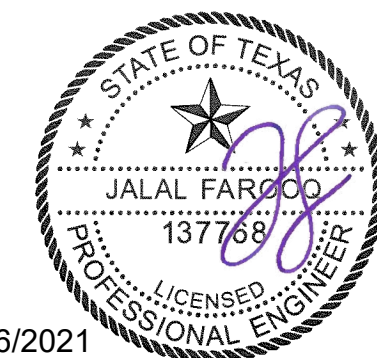
GENERAL NOTES:

1. LINERS HELD BACK .125 FROM ALL OPENINGS FRAMED BY 4 CHANNELS.
2. HEADER/FOOTER PIECES AT OPENINGS PLACED UNDER FULL LENGTH PIECES.
3. STANDARD INTERIOR LINER OVERLAP IS 1.50".



VESTIBULE/CORRIDOR WALL CHANNELS

LEVEL	ITEM	*=Stocked PART NO.	TOTAL QTY.	SORT FIELD	DESCRIPTION	SHEET/REF.	QTY. ONE
	175		1	WALL ASSEMBLY	CORRIDOR WALL: 120.00 X 128.00		1
	184		1	C: ATTACH-ANGLE	1.94W X 111.00L X SHEET, GLV, G90, 20GA		1
	182		2	C: CORNER-LINER	2.65W X 127.94L X SHEET, GLV, G90, 16GA		2
	176		1	C: EXT-SKIN-0	20.00W X 128.00L X SHEET, GLV, G90, 20GA		1
	177		1	C: EXT-SKIN-0	48.00W X 128.00L X SHEET, GLV, G90, 20GA		1
	178		1	C: EXT-SKIN-0	48.00W X 128.00L X SHEET, GLV, G90, 20GA		1
	179		1	C: INT-LINER-0	19.94W X 127.94L X SHEET, GLV, G90, 22GA		1
	180		1	C: INT-LINER-0	47.97W X 127.94L X SHEET, GLV, G90, 22GA		1
	181		1	C: INT-LINER-0	47.97W X 127.94L X SHEET, GLV, G90, 22GA		1
	186		1	C: SC1.41X3.13-0	5.75W X 113.00L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
	187		1	C: SC1.41X3.13-0	5.75W X 113.00L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
	188		9	C: SC1.50X2.94-0	5.74W X 127.75L X CHANNEL, RF, 16GA, GLV, 5.67W_F		9
	185		2	C: SEAL-ANGLE	5.94W X 131.63L X SHEET, GLV, G90, 20GA		2
	183		1	C: SEAL-ANGLE-2	6.57W X 120.00L X SHEET, GLV, G90, 20GA		1



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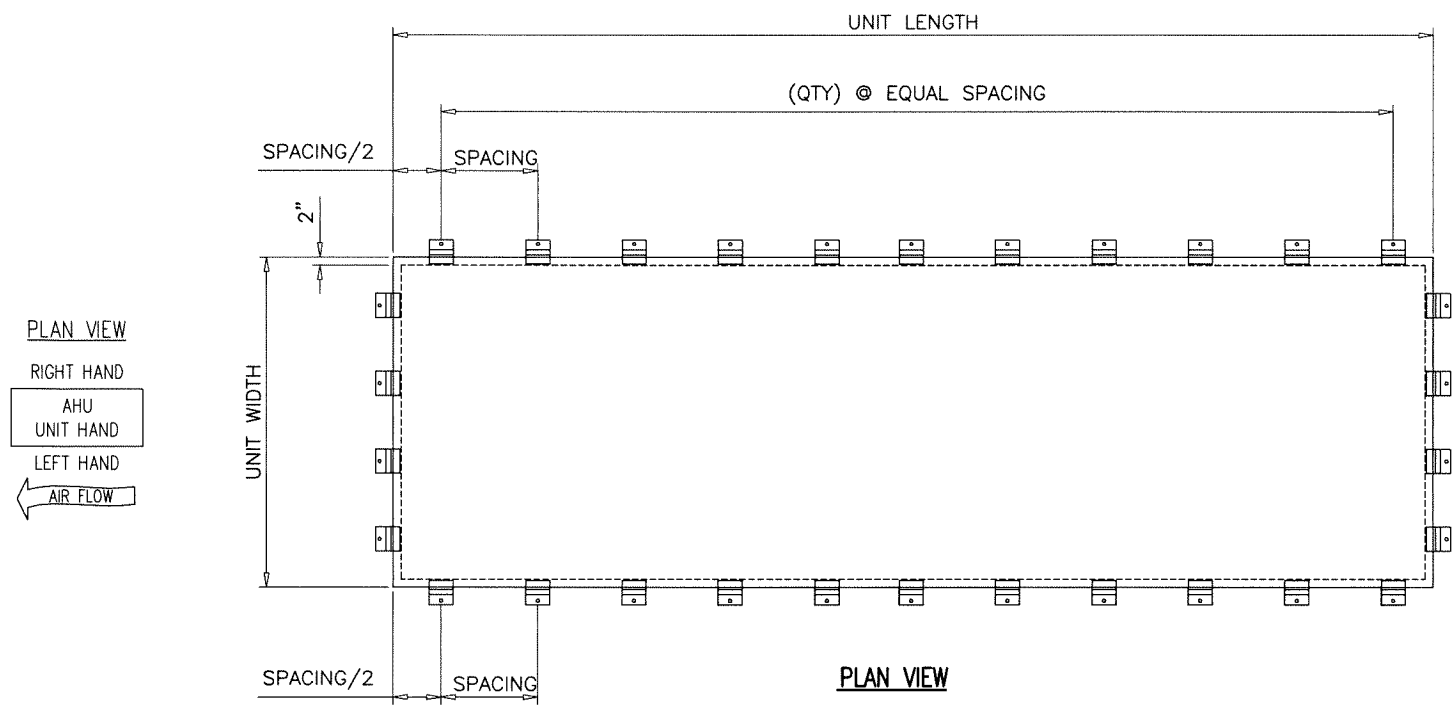
YORK Custom (PACE & Miller-Picking) Air Handler Unit
York/Johnson Controls Inc.
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 TEL. (717) 978-3326

revisions:

no	date	by	description

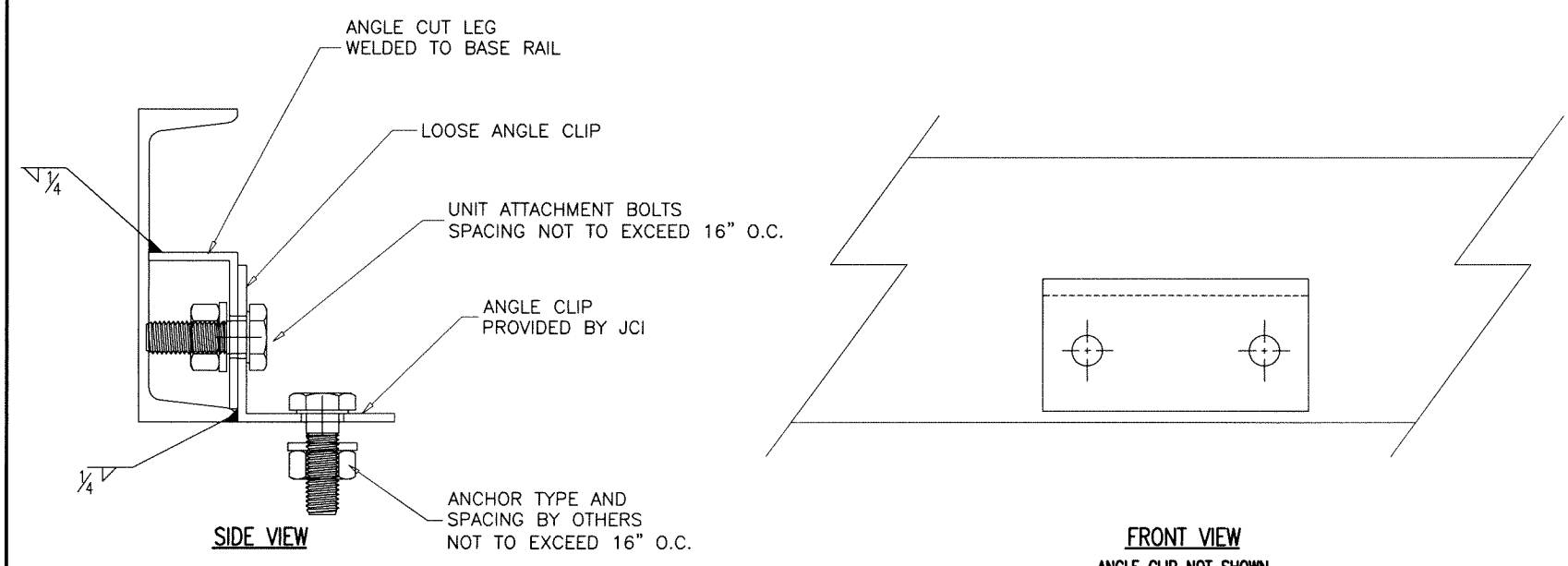
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 chk. by:

drawing no.
21-53T
 sheet 6 of 19



BASE ANCHOR LAYOUT

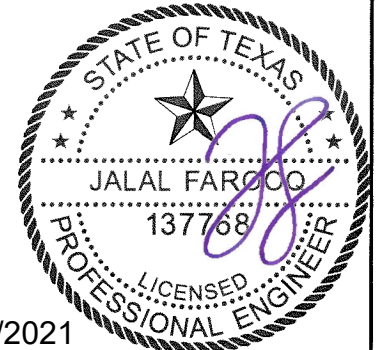
NOTE:
ANCHOR SPACING WILL VARY BASED ON UNIT LENGTH
BUT SHALL NOT EXCEED 16" O.C.



BASE ANCHOR CLIPS DETAIL

UNIT CONSTRUCTION	
Base:	
6" X 1.92" X 8.2#/ft structural steel channel	
8" X 2.26" X 11.5#/ft structural steel channel	
10" X 2.60" X 15.3#/ft structural steel channel	
12" X 2.94" X 20.7#/ft structural steel channel	
painted w/ 6 to 8 mil DFT Champagne Epoxy.	
Base Insulation:	
2" Polyurethane Foam	
Base Skin:	
16 Ga Minimum.	

- Notes:**
- Unit base frame is bolted C-channel structural steel.
 - Air Handling Unit can vary in size however, spacing of the structural support elements such as the base frame, roof/wall panels, hardware spacing, hardware sizes, shall not exceed the dimensions or material gages indicated.
 - It shall be the responsibility of the permit holder to verify the structural integrity of the existing structure to support the loads superimposed by the Air Handling Unit.
 - Attachment to the concrete/steel structure to prevent sliding and overturning of the air handling unit is not part of the scope of this product approval. These elements shall be reviewed by the corresponding building department.



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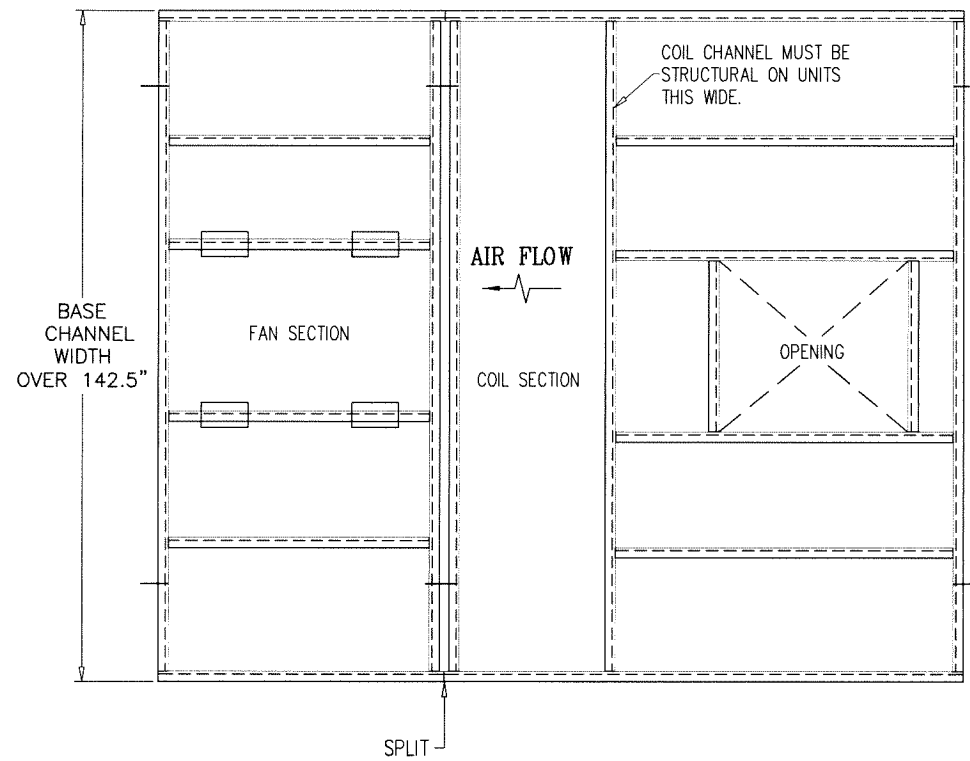
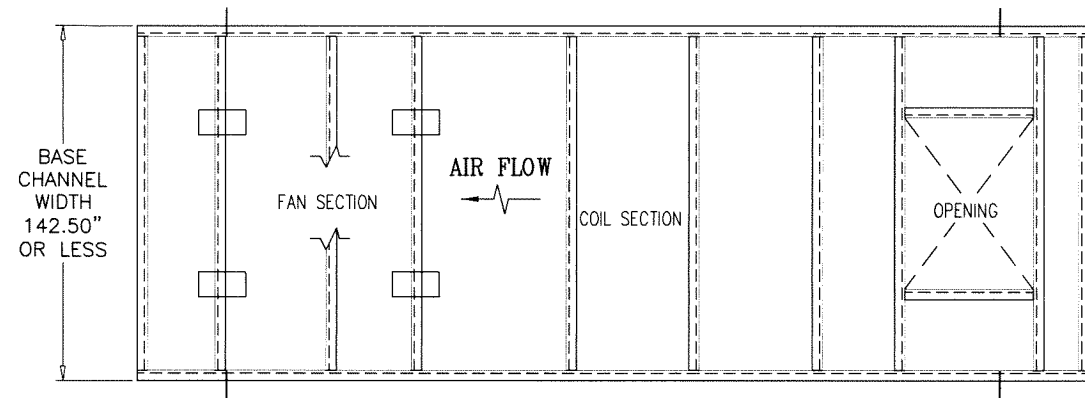
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drawing no.	21-53T
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INTERIOR BASE CHANNELS

-INTERIOR BASE CHANNELS WILL BE FABRICATED FROM 10 GAUGE HR MATERIAL. WHEN THE MAXIMUM SPAN FOR FORMED CHANNEL IS EXCEEDED, STRUCTURAL CHANNEL WILL BE USED.)

-IN GENERAL, THE INTERIOR BASE CHANNELS WILL SPAN THE SHORTEST DIRECTION (SEE EXAMPLES BELOW). SOME EXCEPTIONS TO THIS RULE ARE COIL DRAIN PANS, RECESSED FLOORS AND Evap-Pak SUMP SUPPORTS.

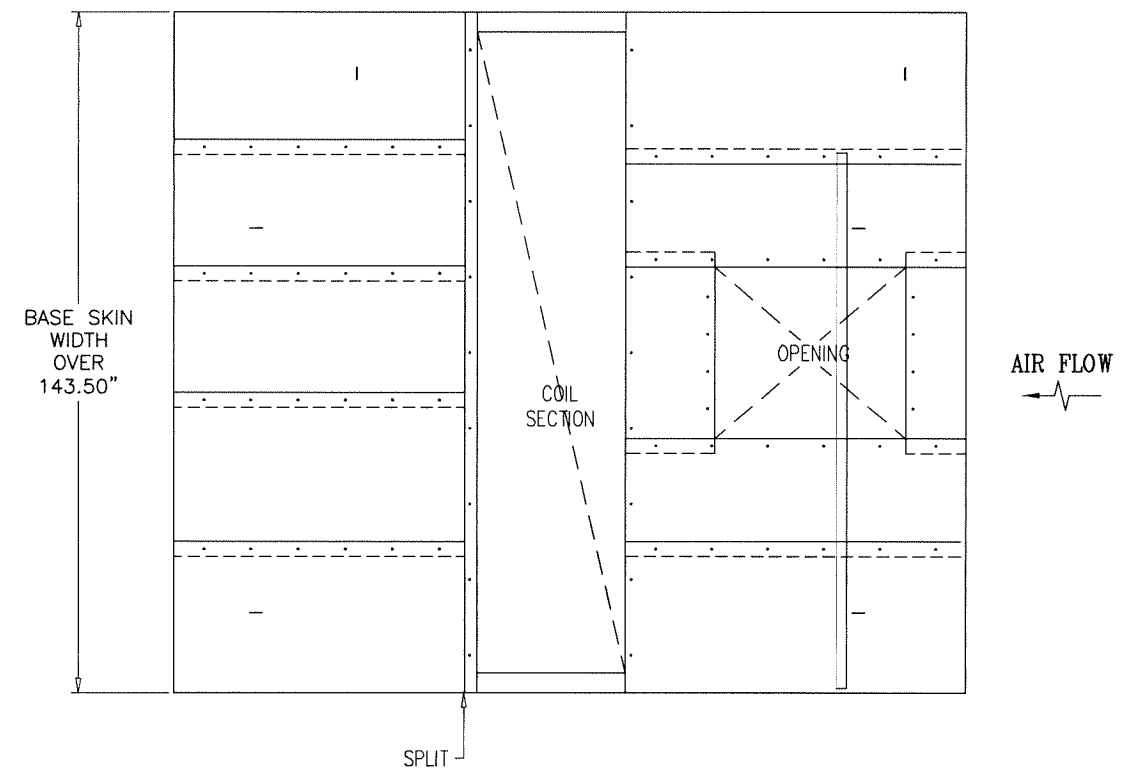
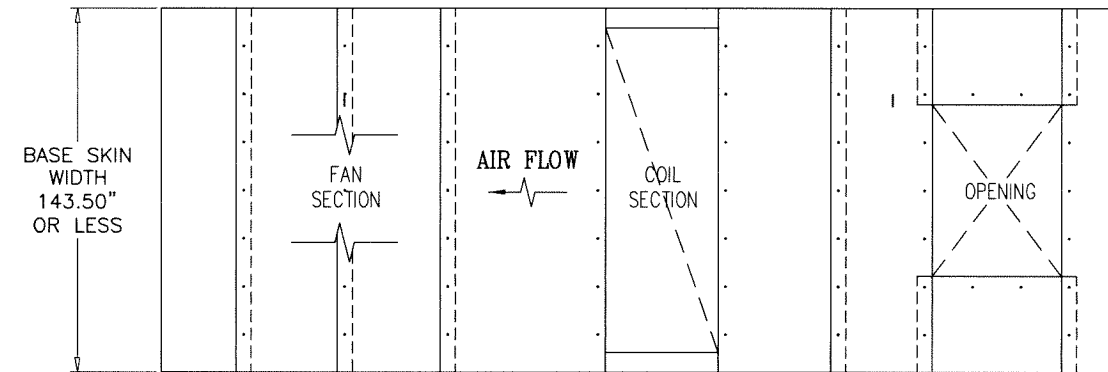


TYPICAL BASE CHANNEL LAYOUT

BASE SKIN LAYOUT

-IN GENERAL THE BASE SKINS WILL BE SIZED WITH THEIR LONGEST DIMENSION PARALLEL TO THE SKIN SUPPORT CHANNEL.

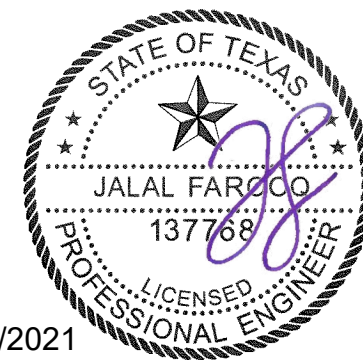
-ALL BASE SKIN SEAMS MUST BE SUPPORTED BY EITHER A FORMED OR STRUCTURAL CHANNEL.



TYPICAL BASE SKIN LAYOUT

ALL DIMENSIONS SHOWN ARE IN INCHES.

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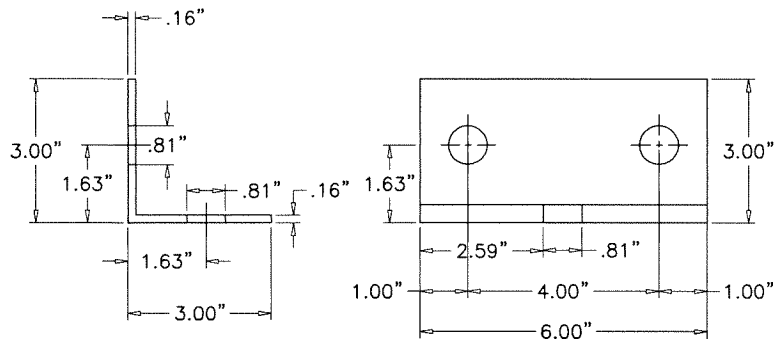
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no	date	by	description

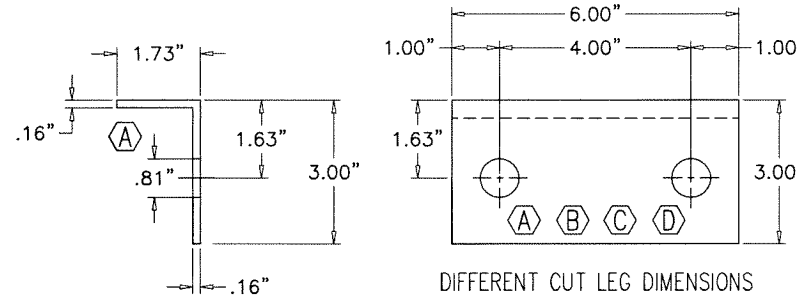
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 dr. by: TARIQ
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drawing no.
21-53T
 sheet 7.1 of 21

3 X 3 X 8 GA - 6" LENGTH ANGLE CLIP MATERIAL, 8 GA. HOT ROLLED, FORMED.



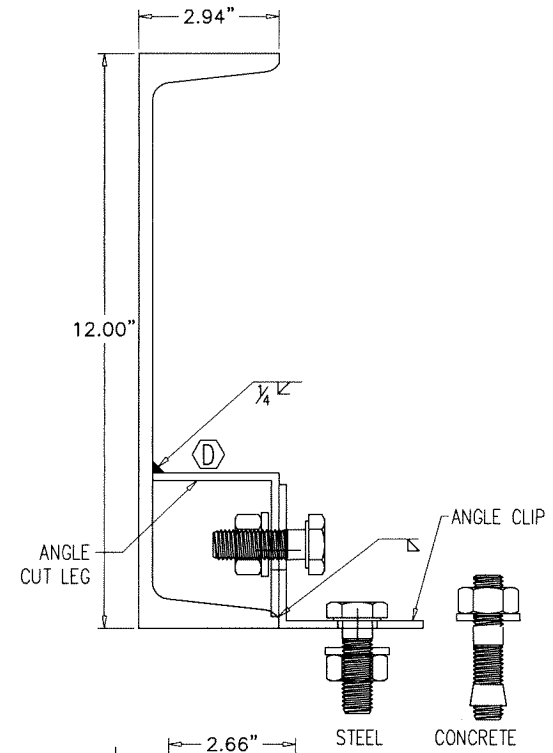
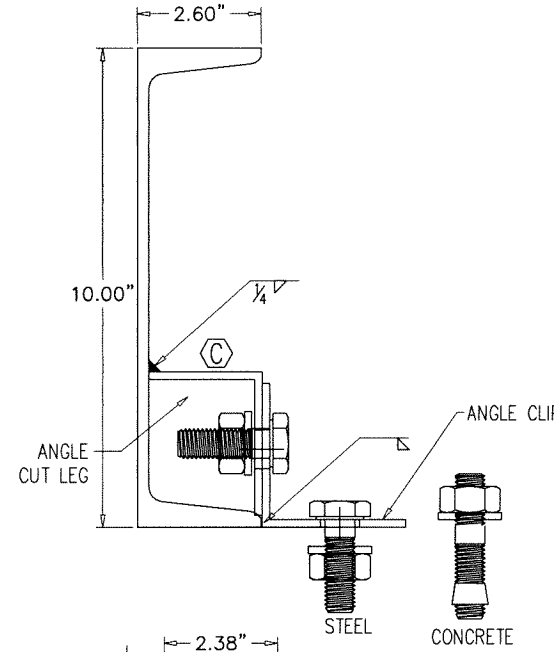
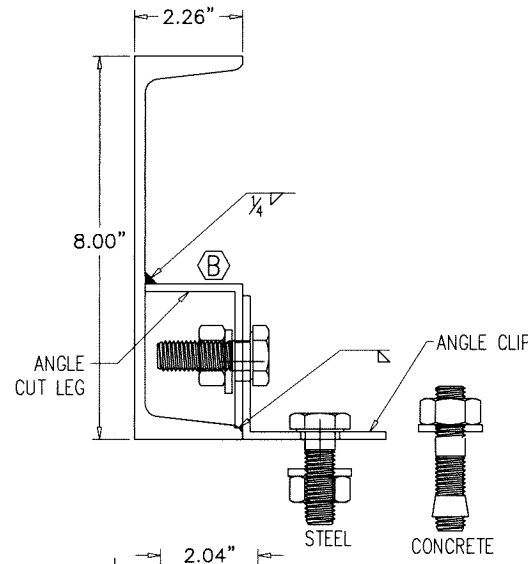
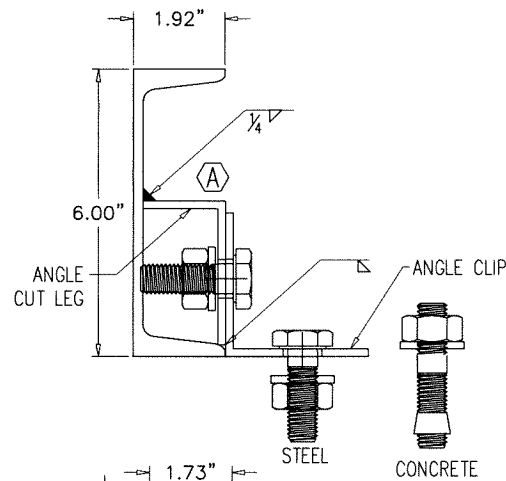
3 X 3 X 8 GA - 6" LENGTH ANGLE CLIP MATERIAL, 8 GA. HOT ROLLED, FORMED.



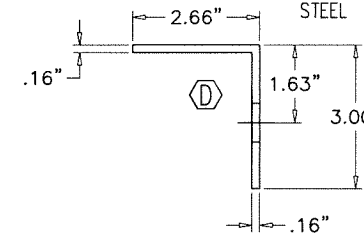
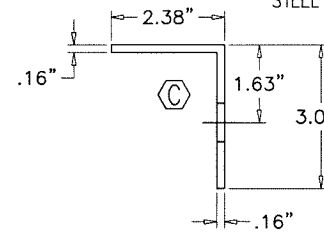
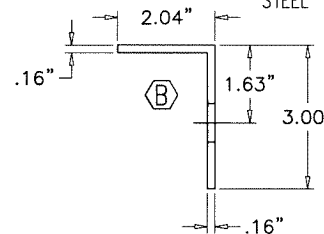
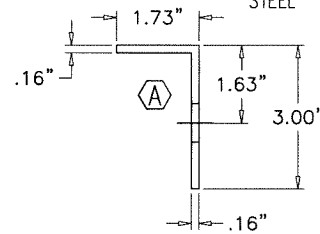
DIFFERENT CUT LEG DIMENSIONS

HARDWARE REQUIRED FOR ANCHOR CLIP/EACH

- (2) SCREW HC. GR5. PLTD. .75-10_2 Q21_30470_090
- (2) NUT HX PLTD GR5 .75-10 Q21_30408_009
- (2) WASHER LOCK SPLIT PLTD .75 Q21_30437_012
- (1) SAE GRADE 8 BOLTS PER ANCHORAGE LAYOUT DWG



3 X 3 X 8 GA - 6" LENGTH ANGLE CUT LEG



3 X 3 X 8 GA ANGLE 6" LENGTH	QTY: 1
3 X 3 X 8 GA ANGLE (A) CUT LEG - 1.73 6" LENGTH	QTY: 1

3 X 3 X 8 GA ANGLE 6" LENGTH	QTY: 1
3 X 3 X 8 GA ANGLE (B) CUT LEG - 2.04 6" LENGTH	QTY: 1

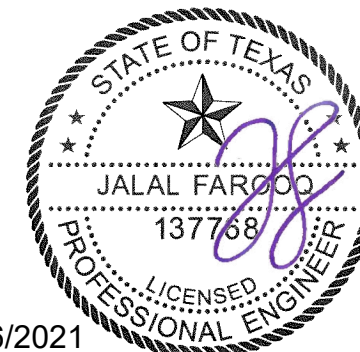
3 X 3 X 8 GA ANGLE 6" LENGTH	QTY: 1
3 X 3 X 8 GA ANGLE (C) CUT LEG - 2.38 6" LENGTH	QTY: 1

3 X 3 X 8 GA ANGLE 6" LENGTH	QTY: 1
3 X 3 X 8 GA ANGLE (D) CUT LEG - 2.66 6" LENGTH	QTY: 1

CLIPS FOR STEEL/CONCRETE
ANCHOR TYPE AND SPACING BY OTHERS

ALL DIMENSIONS SHOWN ARE IN INCHES.

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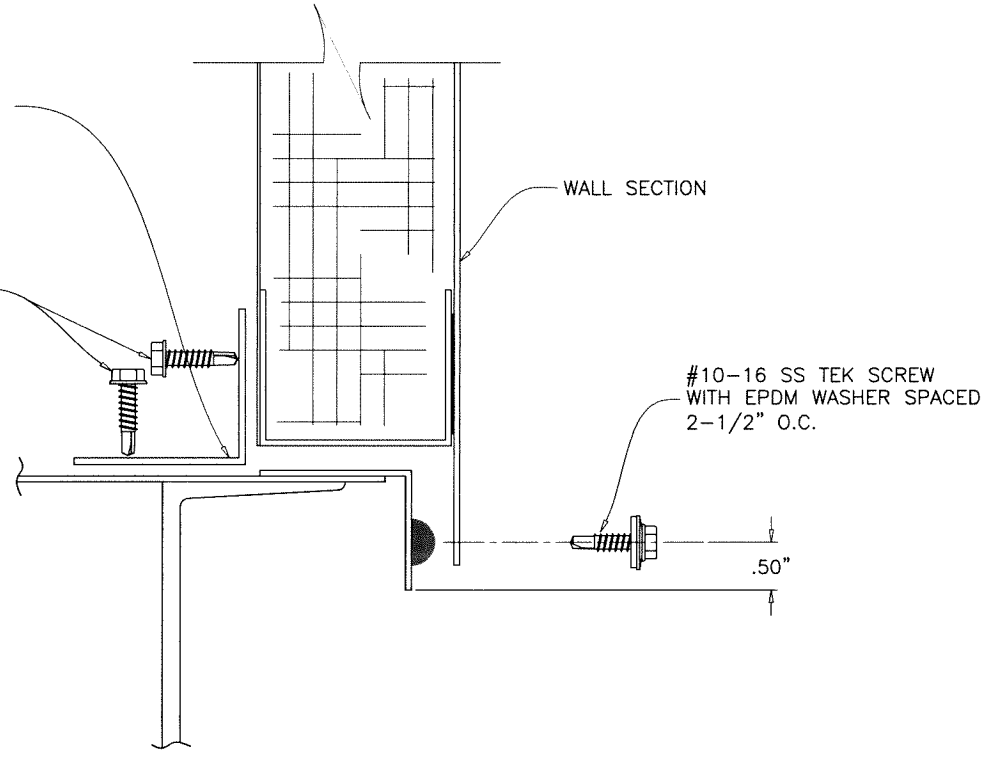
YORK Custom (PACE & Miller-Picking) Air Handler Unit
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no	date	by	description

date: 06-18-21
 scale: 1/4" = 1"
 dr. by: TARIQ
 chk. by:
 drawing no.
21-53T
 sheet 8 of 19

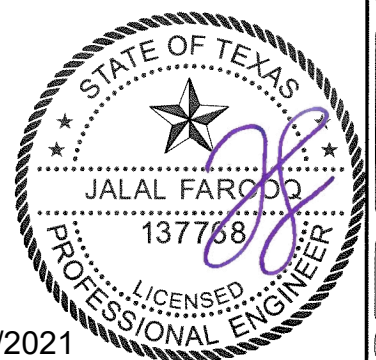
FASTEN INSIDE WALL TO FLOOR USING
1.50" X 1.50" X 6" LG. ANGLES,
ONE AT EACH CORNER AND THEN
ON APPROX 36" CENTERLINES.
ALSO ATTACH ONE AT ALL HOUSING SPLITS.
ALL AIR HANDLER WALLS.

#10-16 SS TEK SCREW
WITH EPDM WASHER SPACED
2-1/2" O.C.



#10-16 SS TEK SCREW
WITH EPDM WASHER SPACED
2-1/2" O.C.

WALLS TO BASE
WALL ATTACHMENT
TO PERIMETER ANGLE



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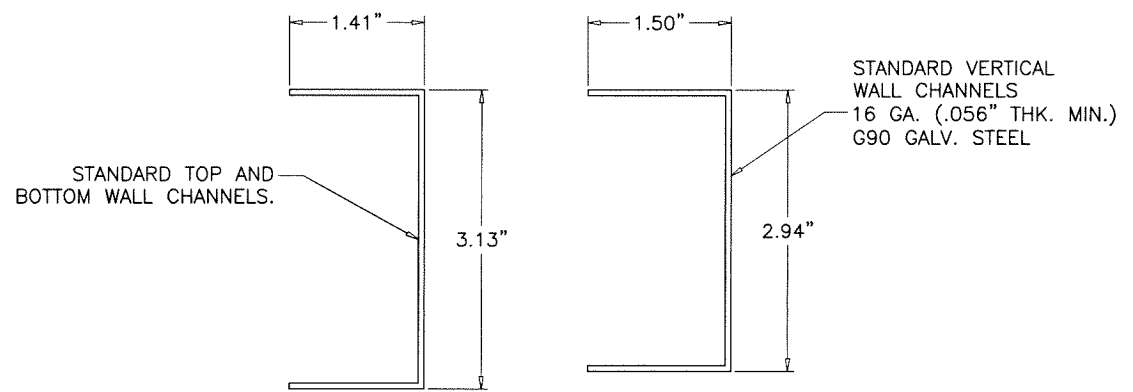
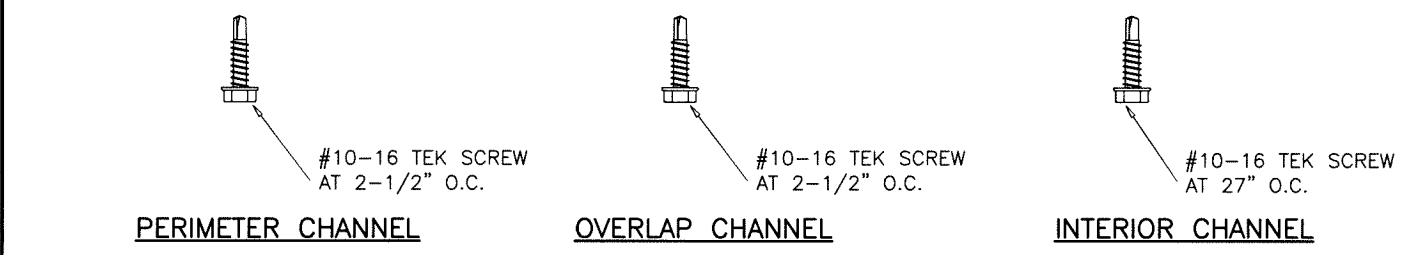
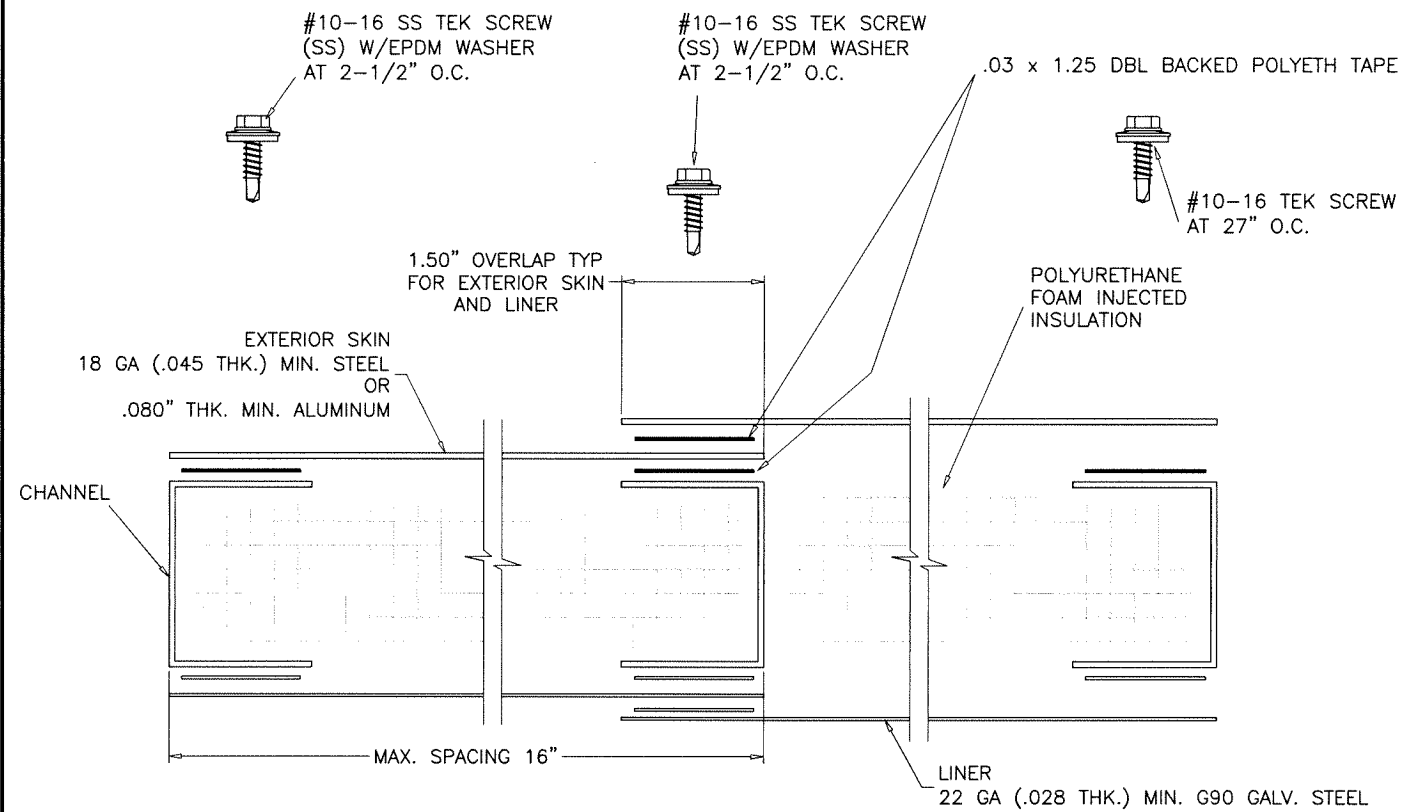
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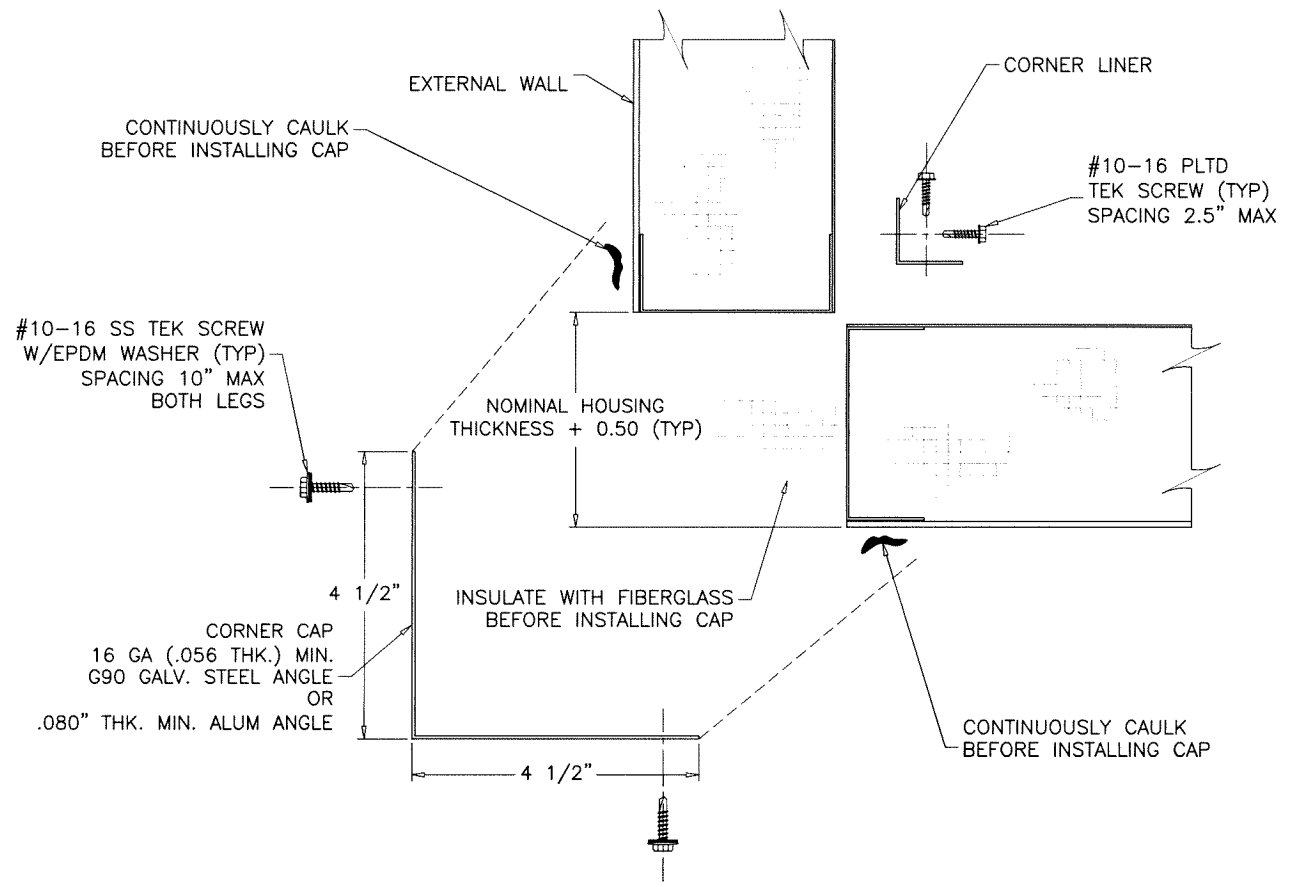
drawing no.
21-53T

sheet 9 of 19



- NOTES:**
1. FASTENER SPACING SEE SHEET 11 FOR ELEVATION LAYOUT.
 2. DBL BACKED TAPE MUST BE APPLIED TO ALL POSTS AND OVERLAPS ON THE EXTERIOR SKIN SIDE.
 3. NOMINAL HOUSING THICKNESS IS 3.00 INCHES.

EXTERIOR WALL CROSS SECTION
X-X

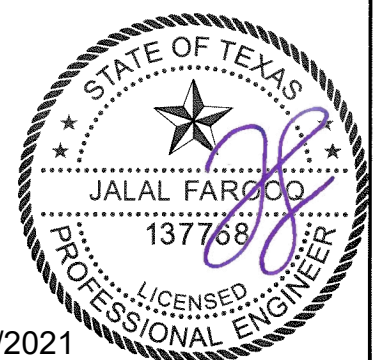


- NOTES:**
1. THIS DETAIL IS FOR ALL CORNERS.

CORNER CAP & LINER INSTALLATION

ALL DIMENSIONS SHOWN ARE IN INCHES.

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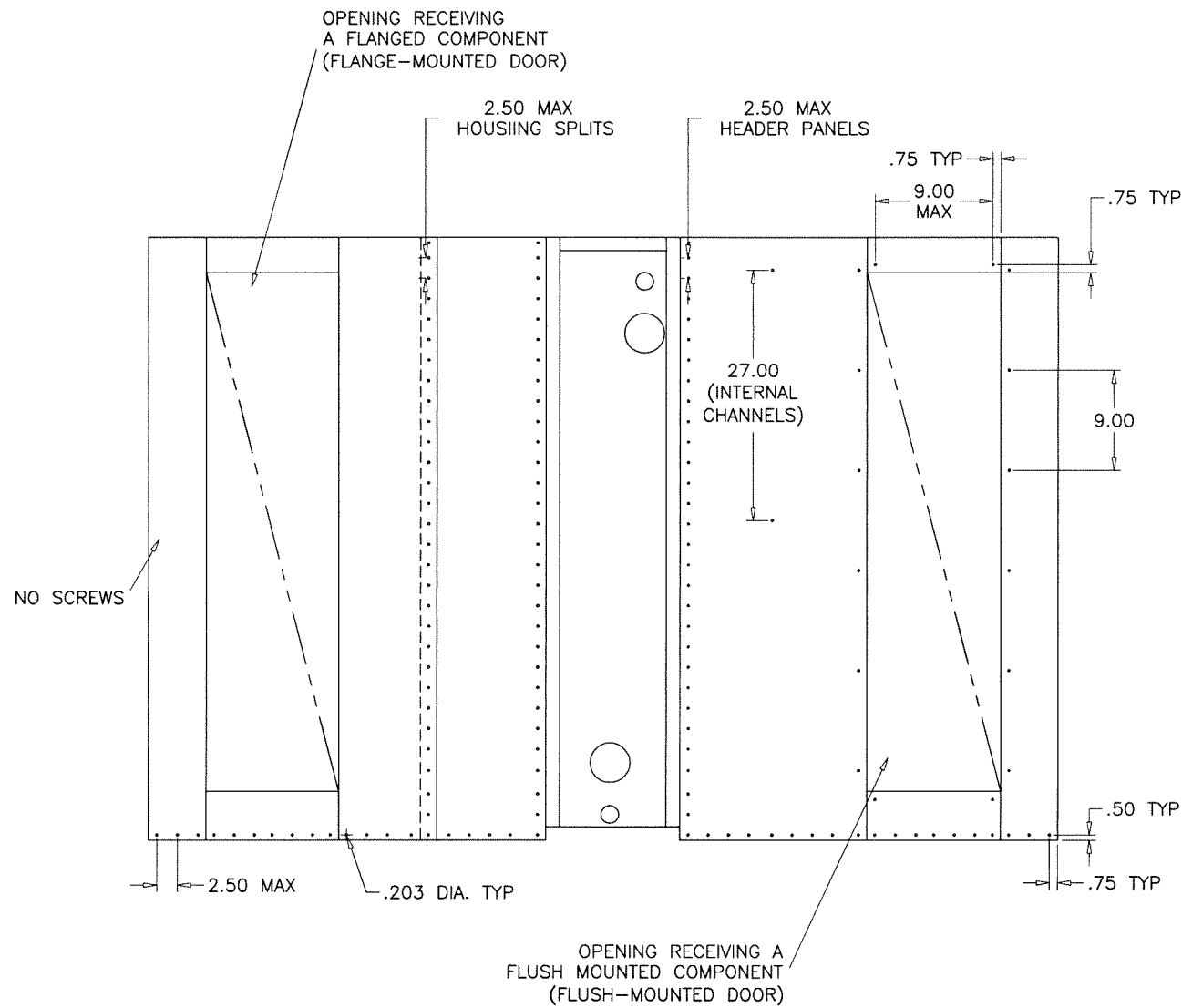
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dr. by: TARIQ

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drawing no.
21-53T

sheet 10 of 19



NOTES:

- DO NOT INSTALL SCREWS ON EITHER END OF THE WALL ASSEMBLY OR ALONG THE TOP. THESE WILL BE COVERED ONCE THE WALL ASSEMBLY IS INSTALLED ON THE UNIT.
- HOLD SKINS BACK .125 FROM ALL SIDES OF OPENINGS THAT ARE FRAMED BY CHANNELS ON 4 SIDES.

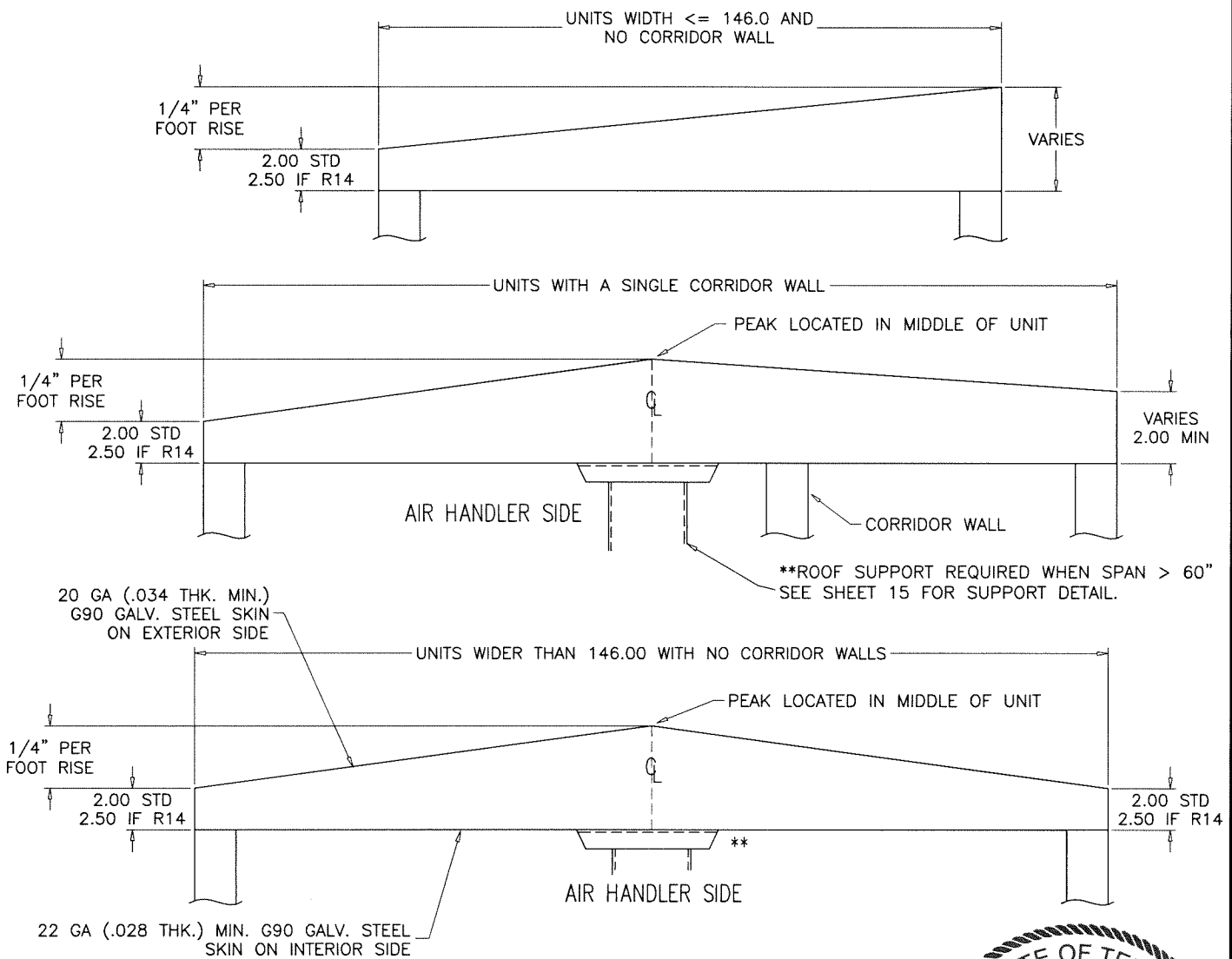
**SCREW SPACING GUIDELINES
FOR TYP. WALL AND ROOF EXTERIOR AND LINER SKINS**

CONSTRUCTION:
THE CONSTRUCTION OF THE OUTDOOR ROOF IS SIMILAR TO THE EXTERIOR WALL CONSTRUCTION WITH THE EXCEPTION THAT THE POST IS A SLOPED CHANNEL AND WILL BE REFERRED TO AS A TRUSS. REFER TO THE EXTERNAL WALL SECTION FOR GENERAL CONSTRUCTION DETAILS AND MATERIAL STANDARDS. ACU-SHIELD SHOULD BE APPLIED AS A STANDARD. USE SAME GAGE EXTERIOR MATERIAL FOR THE ROOF THAT IS ON EXTERIOR OF THE WALL OF THE UNIT. USE G90 GALV. FOR ALL ROOF EXTERIORS GETTING COATED WITH ACU-SHIELD.

GUIDELINES:
THE OUTDOOR ROOF WILL EITHER HAVE A SINGLE OR DOUBLE SLOPE WITH THE RISE BEING 1/4" PER FOOT (SEE DETAILS BELOW). SLOPE DIRECTION WILL BE INDICATED ON THE SUBMITTAL DRAWING. IF A SINGLE SLOPED ROOF IS REQUIRED, PITCH WILL TYPICALLY BE AWAY FROM THE ACCESS SIDE OF THE UNIT.

IF AN SQ IS GENERATED REQUIRING R14 MIN INSULATION, DETAILING WILL BE RESPONSIBLE FOR MAKING THE NECESSARY CHANGES TO THE PRODUCTION DRAWINGS TO MEET THIS REQUIREMENT AS SHOWN BELOW.

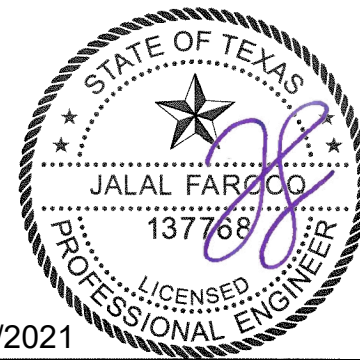
ROOF SECTIONS ARE ONLY TO BE SPLIT DOWN THE LENGTH OF THE SERVICE CORRIDOR WHEN A SHIPPING SPLIT IS REQUIRED. THE STANDARD DESIGN FOR DOUBLE SLOPED ROOFS WILL BE WITH THE RIDGE FALLING ON THE CENTER LINE OF THE UNIT. EXCEPTION TO STANDARD DESIGN: ALL UNITS WITH A SHIPPING SPLIT AT THE CORRIDOR WALL THAT REQUIRE A DOUBLE SLOPE ROOF MUST HAVE THE ROOF PEAK LOCATED AT THE CORRIDOR WALL. SEE DRAWINGS IN THIS SECTION FOR HOW THIS IS ACCOMPLISHED.



**OUTDOOR ROOF GUIDELINES
ROOF TRUSS SLOPE AND SUPPORT**

ALL DIMENSIONS SHOWN ARE IN INCHES.

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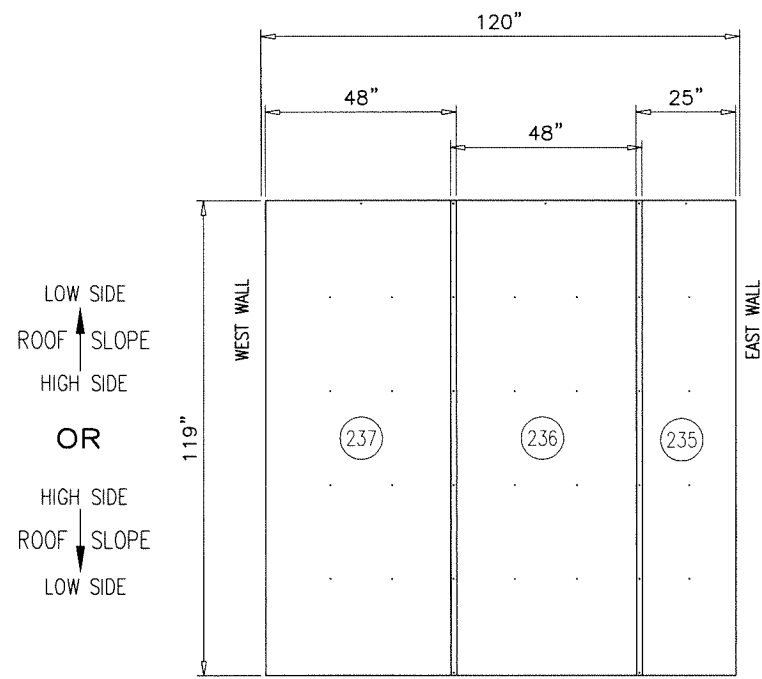
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York, PA. 17406
TEL. (717) 978-3326

no	date	description

date: 06-18-21
scale: -
dr. by: TARIQ
chk. by:

drawing no.
21-53T

sheet 11 of 19

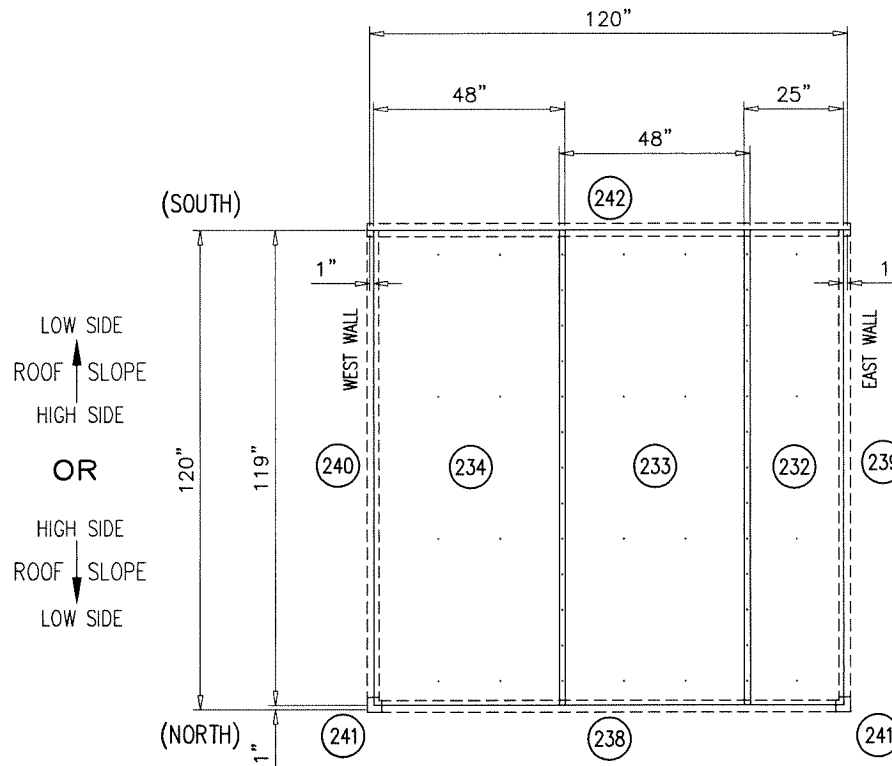


ROOF LINERS (VIEWED FROM LINER SIDE)

⇄ AIR FLOW ⇄

GENERAL NOTES:

1. LINERS HELD BACK .125 FROM ALL OPENINGS FRAMED BY 4 CHANNELS.
2. HEADER/FOOTER PIECES AT OPENINGS PLACED UNDER FULL LENGTH PIECES.
3. STANDARD INTERIOR LINER OVERLAP IS 1.50".

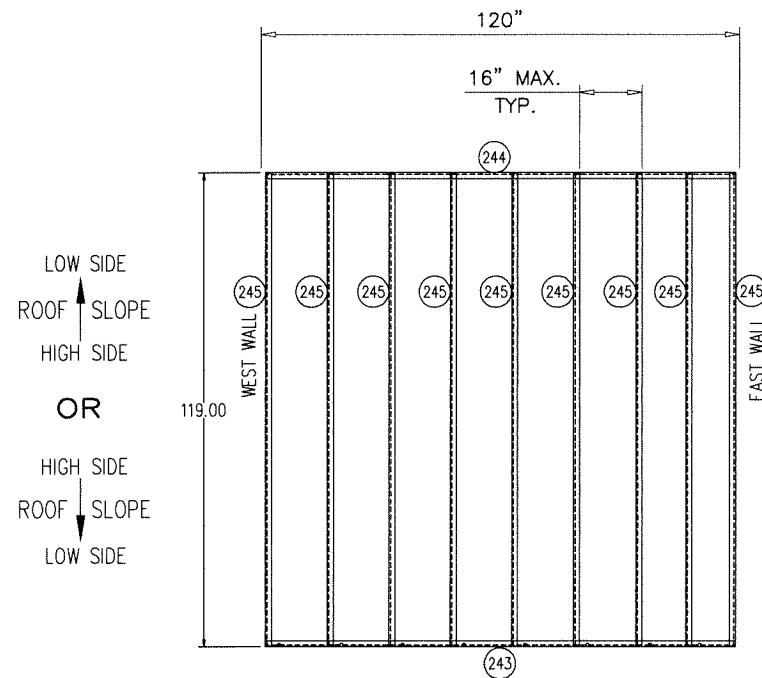


ROOF SKINS (VIEWED FROM LINER SIDE)

⇄ AIR FLOW ⇄

GENERAL NOTES:

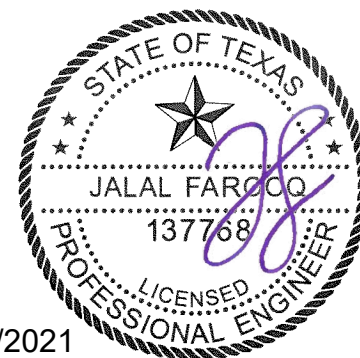
1. SKINS HELD BACK .125 FROM ALL OPENINGS FRAMED BY 4 CHANNELS.
2. HEADER/FOOTER PIECES AT OPENINGS PLACED UNDER FULL LENGTH PIECES.
3. STANDARD EXTERIOR SKIN OVERLAP IS 1.50".



ROOF CHANNELS (VIEWED FROM LINER SIDE)

⇄ AIR FLOW ⇄

LEVEL	ITEM	*=Stocked	PART NO.	TOTAL QTY.	SORT FIELD	DESCRIPTION	SHEET/REF.	QTY. ONE
	231			1	ROOF ASSEMBLY	ROOF ASSEMBLY: 120.00 X 120.00	4.03	1
	252		391 20002 002	40CF	-10% OFFAL - OCF	OCF MIX, PART A,B, & FREON		40CF
	242			1	C: ANGLED-COVER	3.25W X 121.50L X SHEET, GLV, G90, 20GA		1
	232			1	C: EXT-SKIN-0	25.00W X 119.00L X SHEET, GLV, G90, 20GA		1
	233			1	C: EXT-SKIN-0	48.00W X 119.00L X SHEET, GLV, G90, 20GA		1
	234			1	C: EXT-SKIN-0	48.00W X 119.00L X SHEET, GLV, G90, 20GA		1
	240			1	C: HL3.75X6.25	10.70W X 117.00L X SHEET, GLV, G90, 16GA		1
	235			1	C: INT-LINER-0	24.94W X 118.94L X SHEET, GLV, G90, 22GA		1
	236			1	C: INT-LINER-0	47.97W X 118.94L X SHEET, GLV, G90, 22GA		1
	237			1	C: INT-LINER-0	47.97W X 118.94L X SHEET, GLV, G90, 22GA		1
	239			1	C: LH6.25X3.75	10.70W X 117.00L X SHEET, GLV, G90, 16GA		1
	238			1	C: ROOF-CAP	8.20W X 113.94L X SHEET, GLV, G90, 16GA		1
	241			2	C: ROOF-CNR-CAP	9.90W X 8.33L X SHEET, GLV, G90, 16GA		2
	245			9	C: RT5.69X3.19	8.49W X 118.75L X SHEET, GLV, G90, 16GA		9
	243			1	C: SC1.50X3.38-0	6.18W X 118.00L X SHEET, GLV, G90, 16GA		1
	244			1	C: SC1.50X5.88-0	8.68W X 118.00L X SHEET, GLV, G90, 16GA		1
	246		013 03317 050	9.90Z	CAULK	CAULK, AL, GRAY, SIKAFLEX_221		9.90Z
	249		013 01412 010	0.67GL	COATING	COATING, ACU-SHIELD, WHITE		0.67GL
	250	*	021 30531 011	222	SCREW	SCREW, TEK, 410SS, EPDM, 10-16, .75		222
	251	*	021 30530 001	52	SCREW	SCREW, TEK, PLTD, 10-16, .75		52
	253	*	091 20014 001	12	SUPER ANGLE	ANGLE, WALL_TO_ROOF, GLV	YC86-033	12
	247		028 14900 010	2677IN	TAPE	TAPE, POLYETH, DBL, .03W_1.25THK		2677IN
	248		028 07417 010	243IN	TAPE	TAPE, BUTYL, 1.25W_1.3THK		243IN



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 COOLER 21-53T-YIC

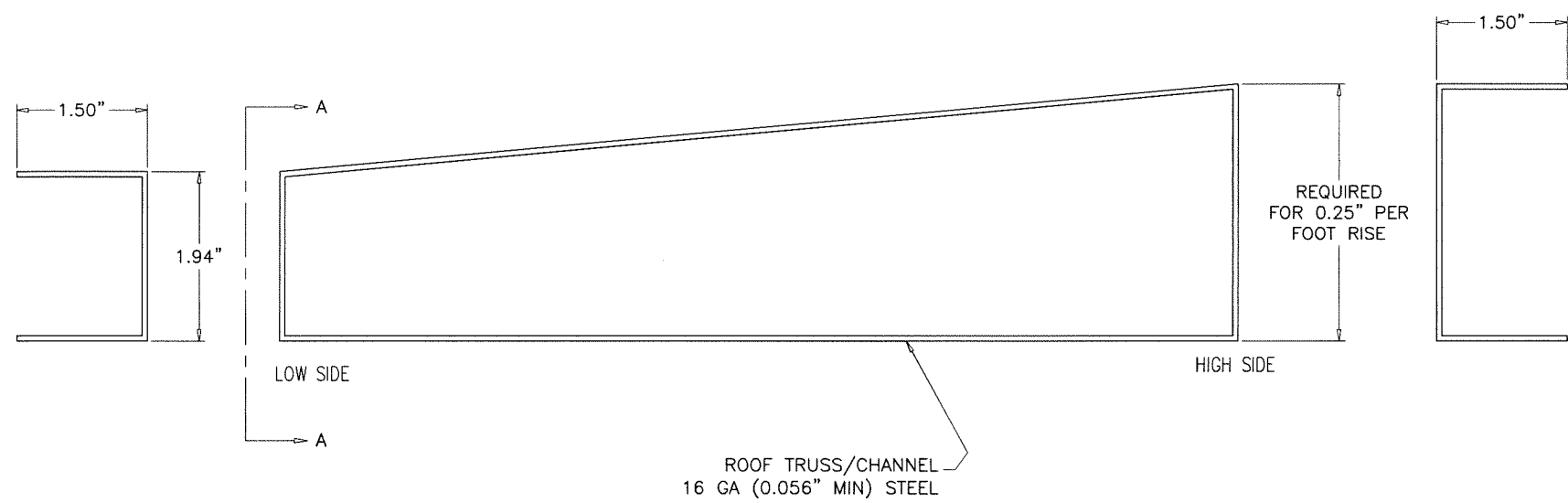
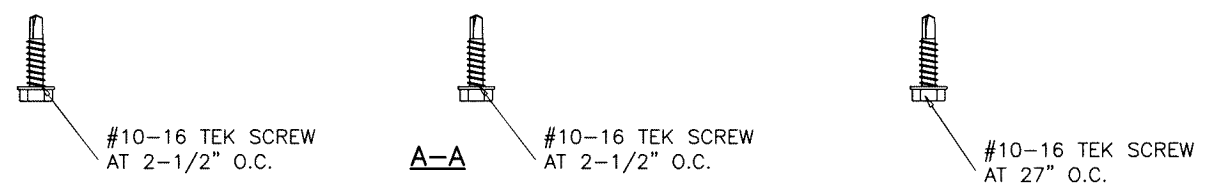
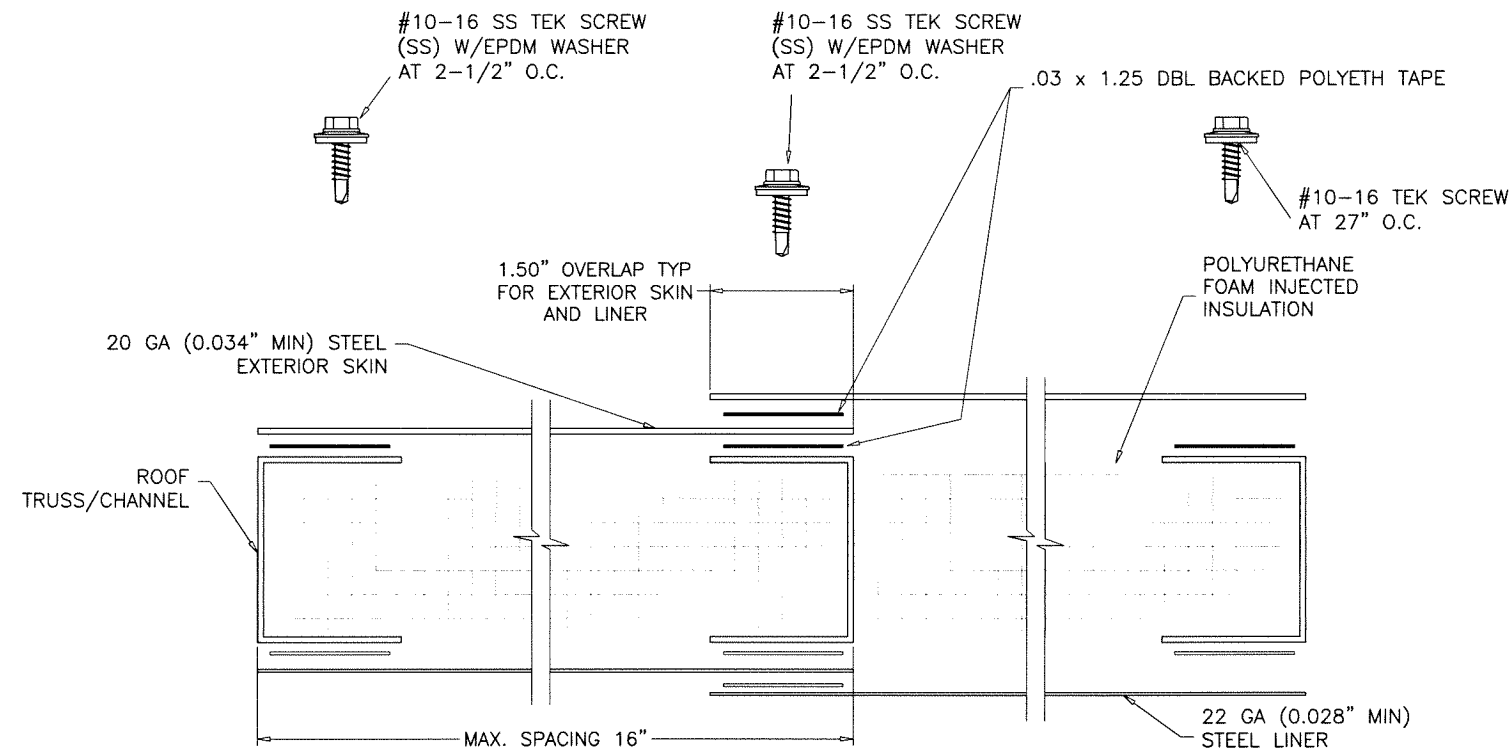
YORK Custom (PACE & Miller-Picking) Air Handler Unit
York/Johnson Controls Inc.
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 TEL. (717) 978-3326

revisions:
 no date by description

date: 06-18-21
 scale: -
 dr. by: TARIQ
 chk. by:

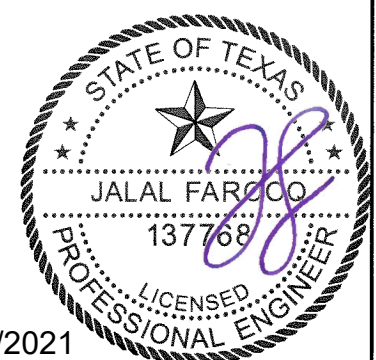
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21-53T

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- NOTES:**
1. FASTENER SPACING FOR ROOF AND WALLS ARE THE SAME.
 2. DBL BACKED TAPE MUST BE APPLIED TO ALL POSTS AND OVERLAPS ON THE EXTERIOR SKIN SIDE.
 3. NOMINAL ROOF THICKNESS IS 2.00 INCHES AT SIDES WITH 1/4\"/>

**ROOF
CROSS SECTION**



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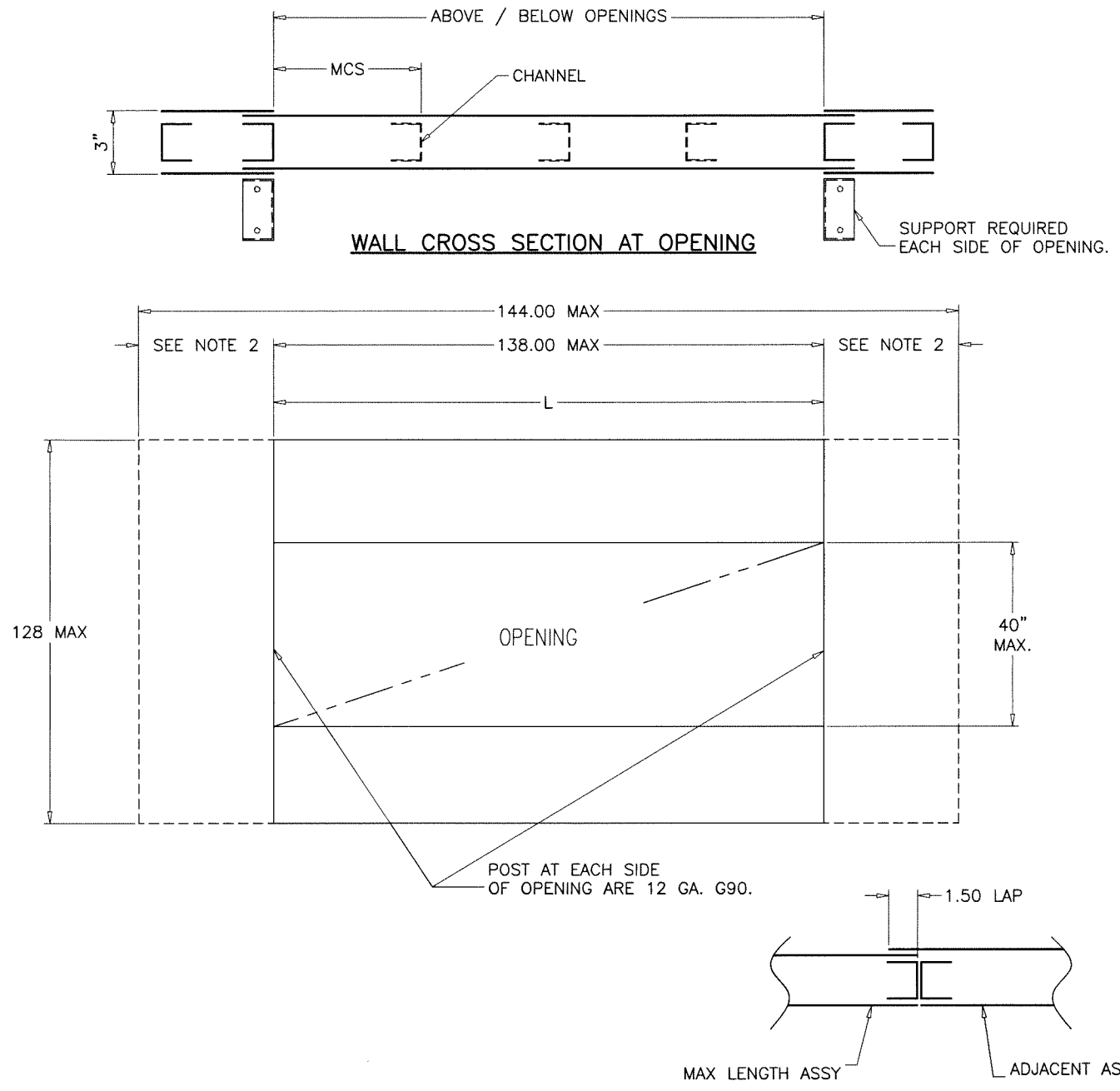
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no	date	by	description

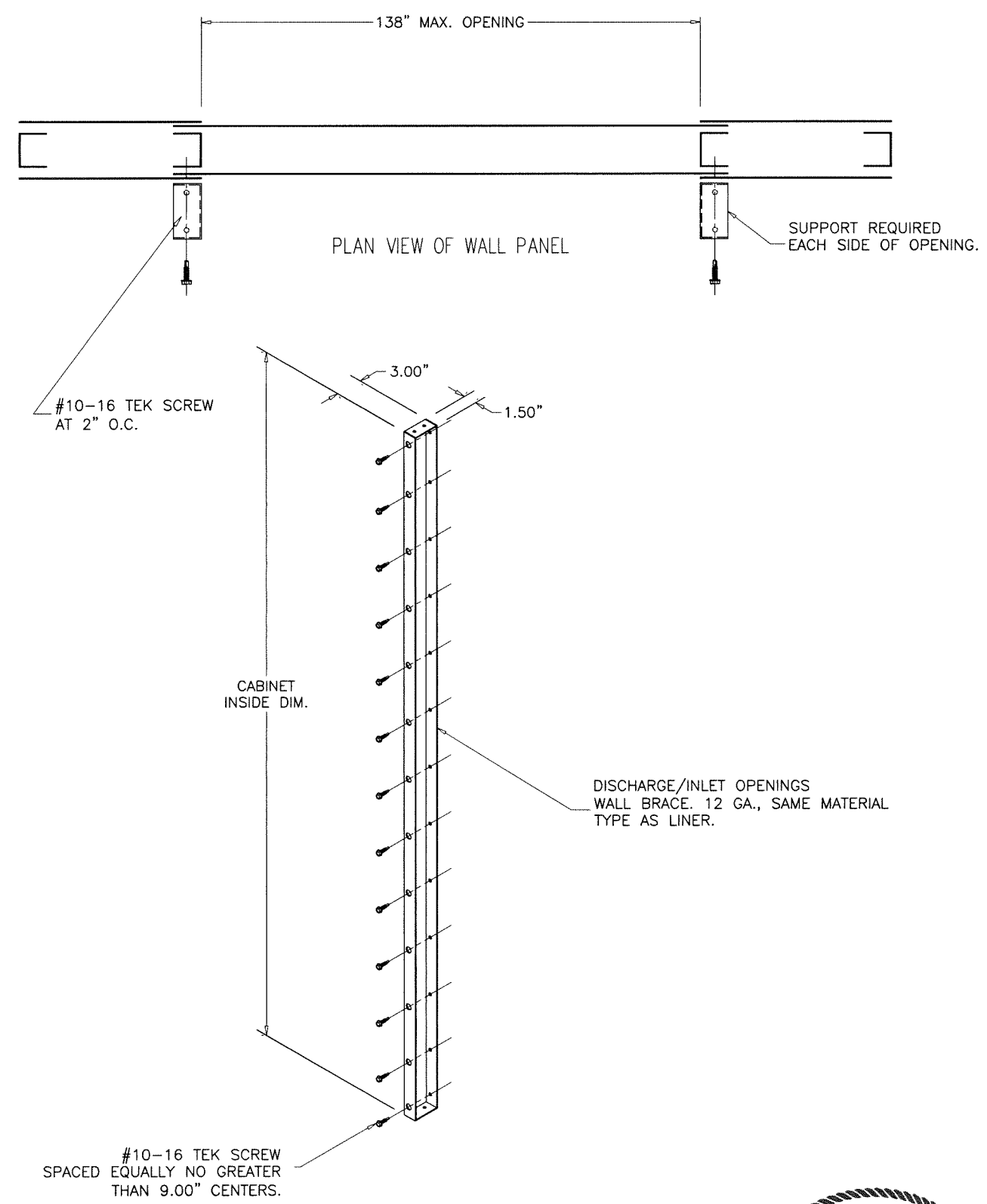
date: 06-18-21
 scale: 1/2" = 1"
 dr. by: TARIQ
 chk. by:

drawing no.
21-53T



- NOTES:
1. GUIDELINES APPLY TO 3.00 MIN. WALL DEPTH. GUIDELINES ALSO APPLY TO 18 GA. STEEL AND ALUMINUM (.080 MIN.) EXTERIOR SKINS.
 2. MAXIMUM CHANNEL SPACING (MCS) IS 16".
 3. ADD AN 1.50 TAB ON WALL ASSY'S EXCEEDING THE MAX ASSY LENGTH.
 4. CONSULT ENGINEERING FOR ANY SITUATION NOT COVERED.

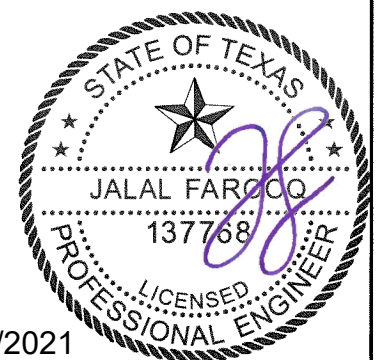
GUIDELINES FOR MAX. WALL ASSEMBLY AND OPENING SIZING



GUIDELINES FOR BRACING WALL ASSY AND OPENING SIZING DISCHARGE/INLET OPENINGS

ALL DIMENSIONS SHOWN ARE IN INCHES.

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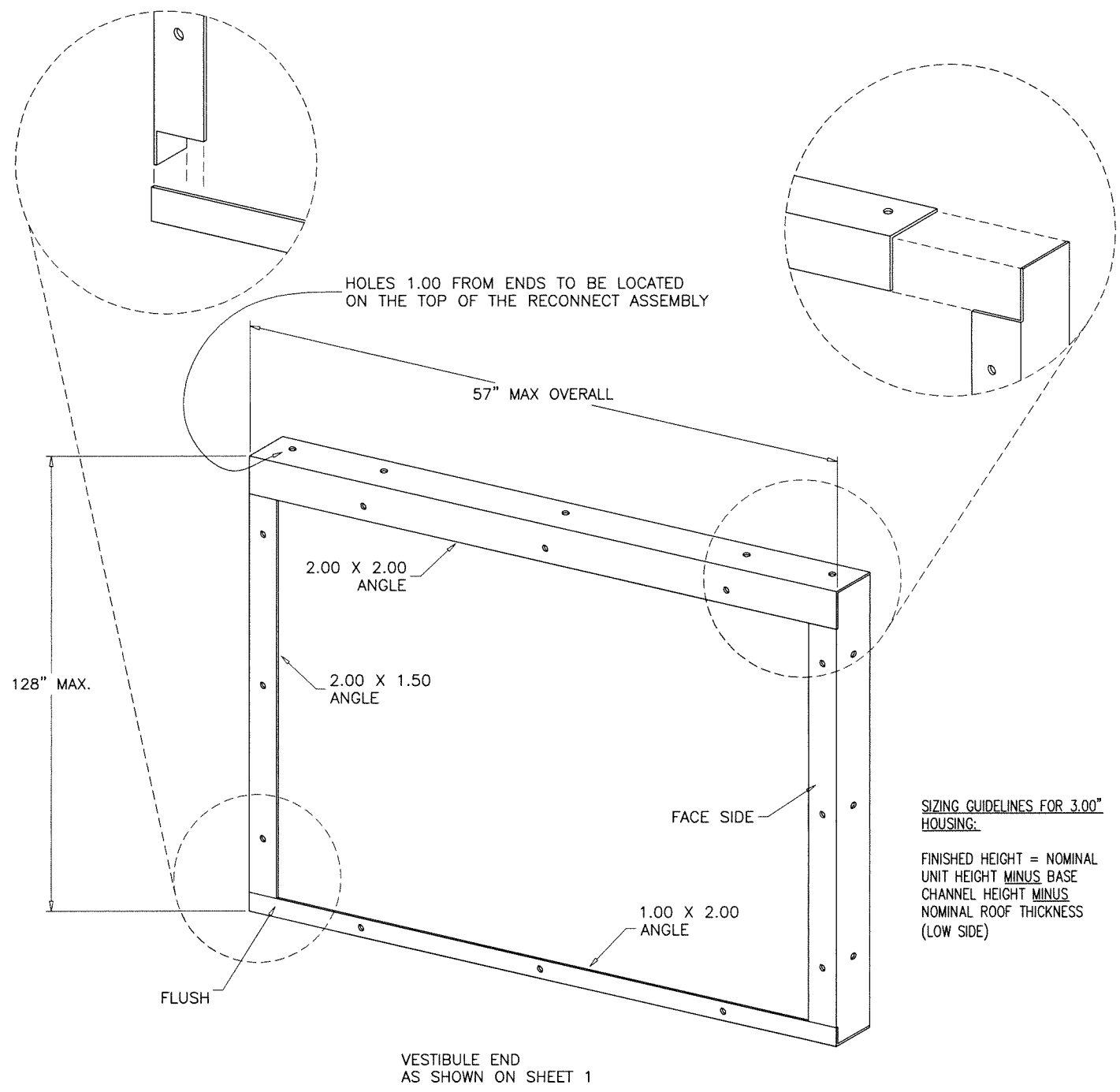
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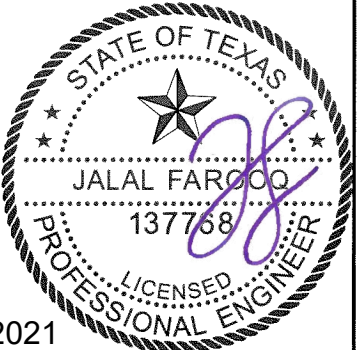
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SIZING GUIDELINES FOR 3.00" HOUSING:
 FINISHED HEIGHT = NOMINAL UNIT HEIGHT MINUS BASE CHANNEL HEIGHT MINUS NOMINAL ROOF THICKNESS (LOW SIDE)

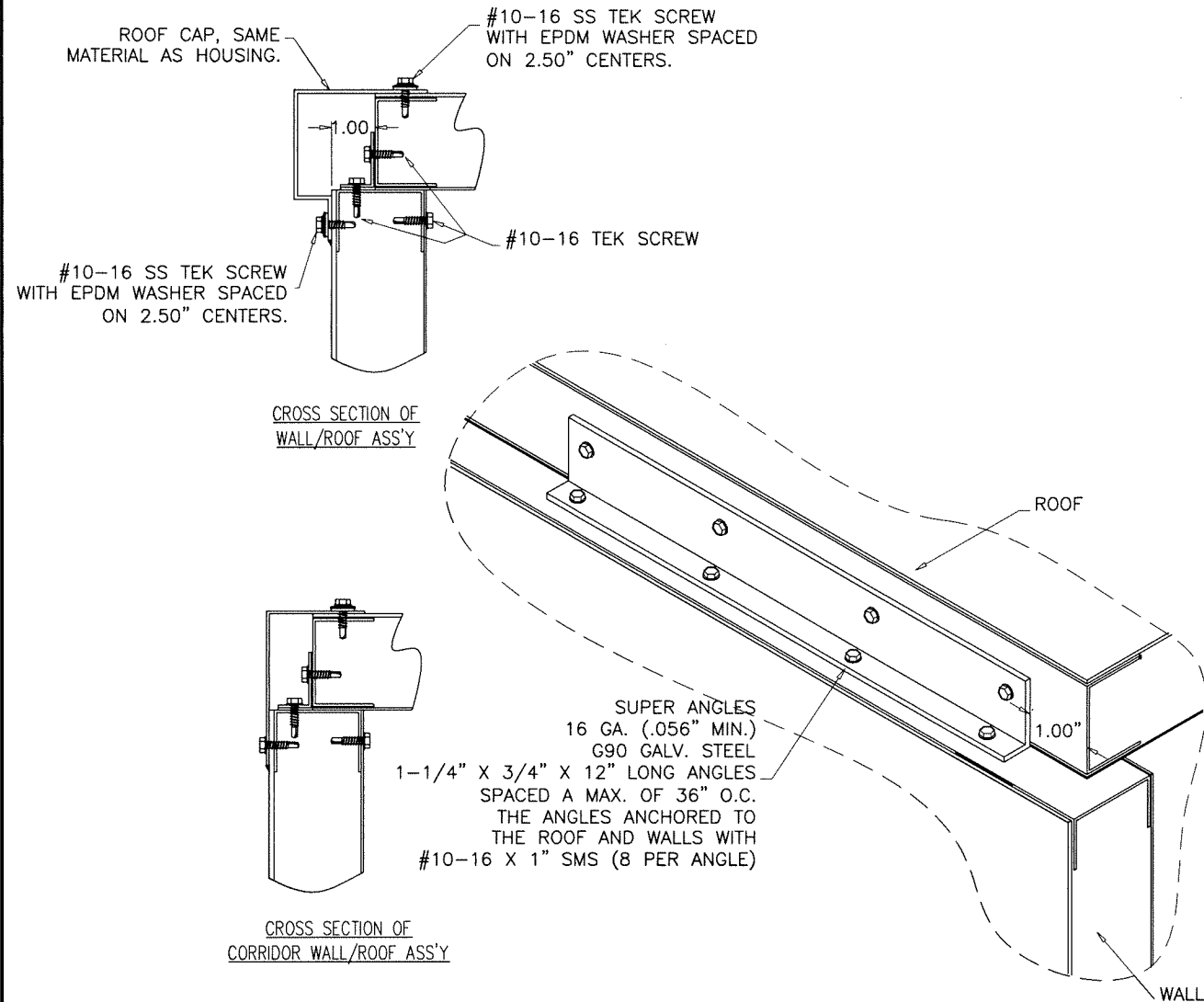
- NOTES:**
1. WELD INTO ASSY. WHERE APPLICABLE, ALL WELDS ARE CONTINUOUS 0.18" FILLET TYPE. DO NOT WELD ON THE FACE SIDE UNDER ANY CIRCUMSTANCES. IF SPLIT ASSY, BUTT WELD ON INSIDE OF ANGLE.
 2. THERE MAY BE TIMES WHEN COMPONENTS MAY INTERFERE WITH THE INTERIOR SUPPORT(S). THIS WOULD TYPICALLY HAPPEN AT FAN DISCHARGE/INTAKE WALLS AND WHEN FILTERS ARE LOADED ACROSS A SPLIT. IN THESE SITUATIONS, THE DETAILER IS RESPONSIBLE FOR PROVIDING THE SHOP A LAYOUT SPECIFYING THE LOCATION OF THE SUPPORT(S).
 3. THE STANDARD MATERIAL TYPE IS 12 GA G90.
 4. PART LENGTH = FINISHED ASSY HEIGHT - 0.25".

INTERNAL RECONNECT ASSEMBLY FOR AIRWAY WIDTHS AND CORRIDOR UNIT LENGTHS



ALL DIMENSIONS SHOWN ARE IN INCHES.

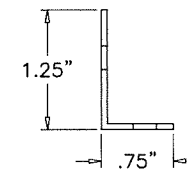
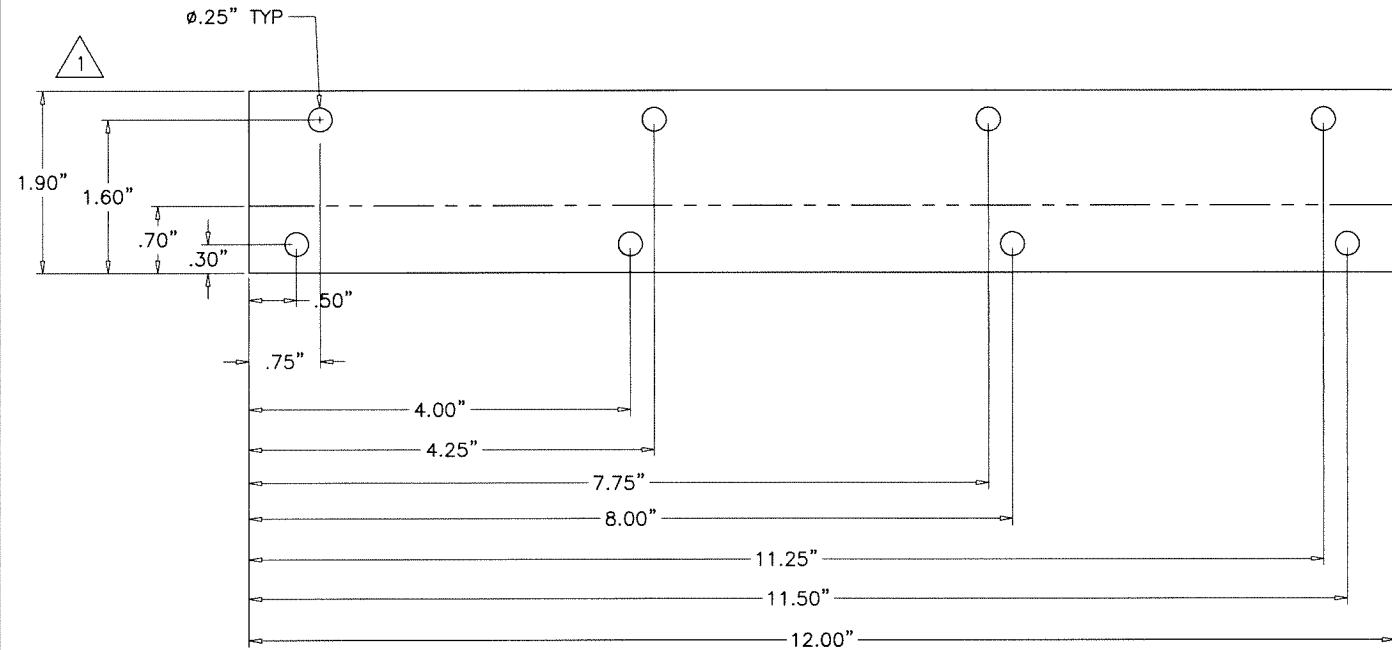
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NOTES:

1. THE PURPOSE OF THE ANGLE IS TWO-FOLD. TO LIMIT LATERAL MOVEMENT OF THE WALL WHEN UNDER PRESSURE AND TO MAKE THE FIT OF THE ROOF LINER TO THE WALL LINER AS TIGHT AS REASONABLY POSSIBLE.
2. ROOF SIDES REQUIRE ANGLES ON 36" MAX. CENTERS.
3. ANGLES ARE REQUIRED AT EVERY COIL PANEL, HOUSING SPLIT(1" FROM SPLIT ON EACH SIDE OF SPLIT), AND 6" FILTER DOOR AS SHOWN ABOVE.

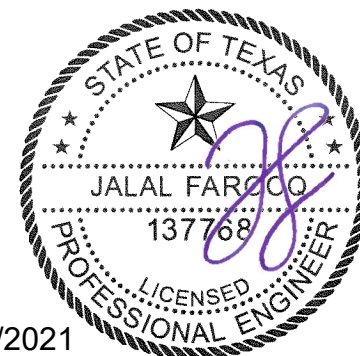
WALL TO ROOF ATTACHMENT GUIDELINES



WALL TO ROOF ATTACHMENT ANGLE

ALL DIMENSIONS SHOWN ARE IN INCHES.

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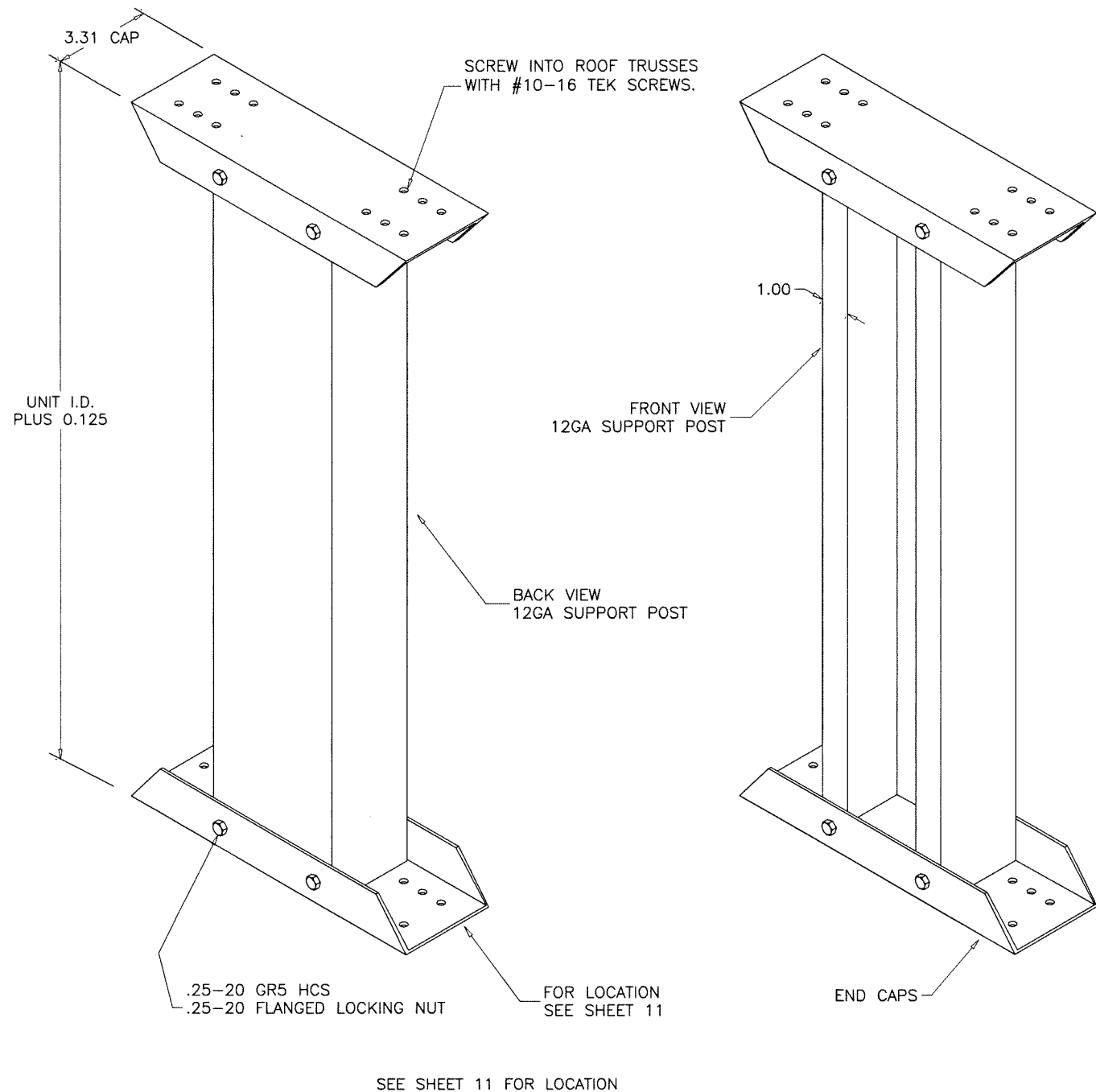


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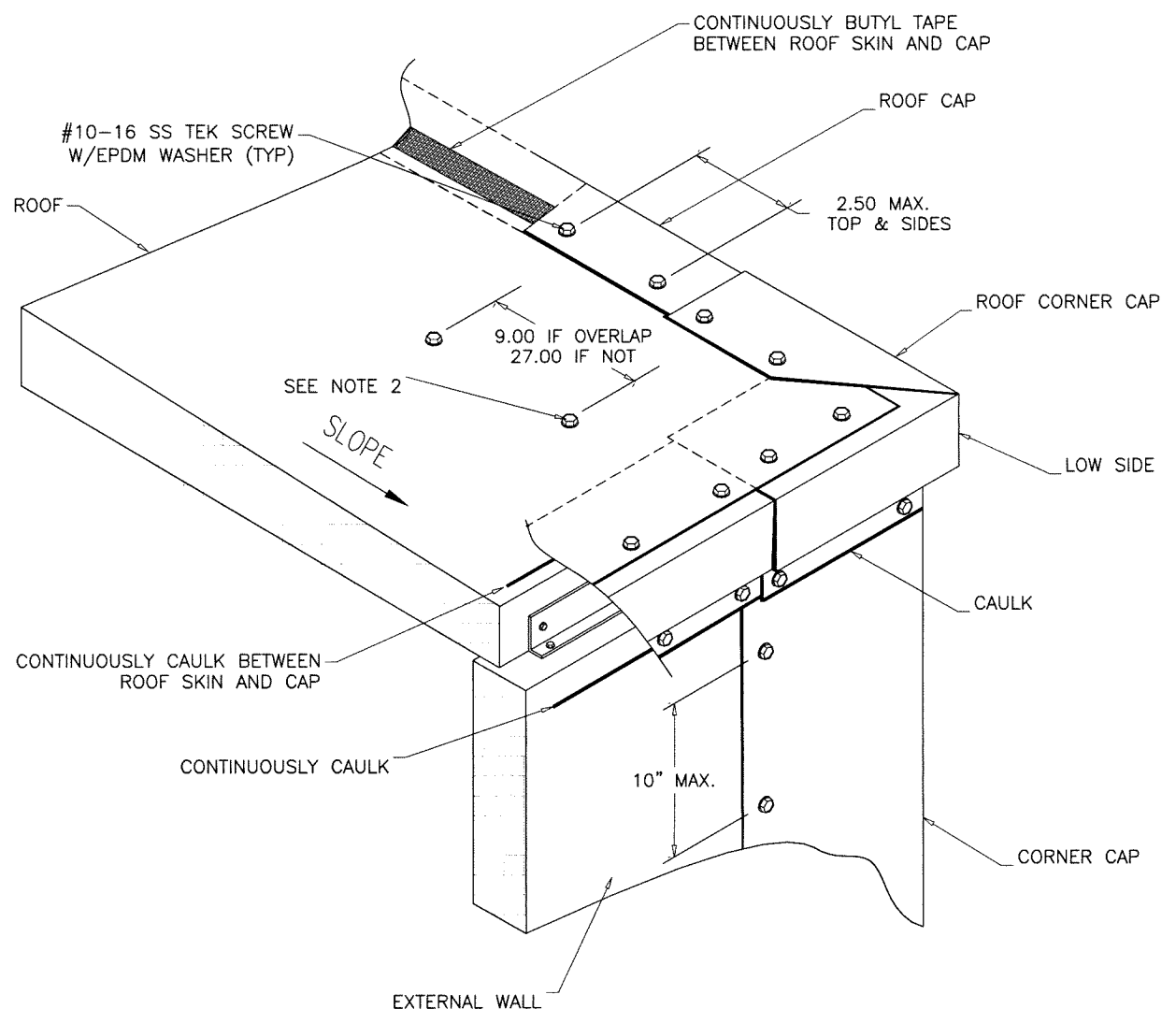
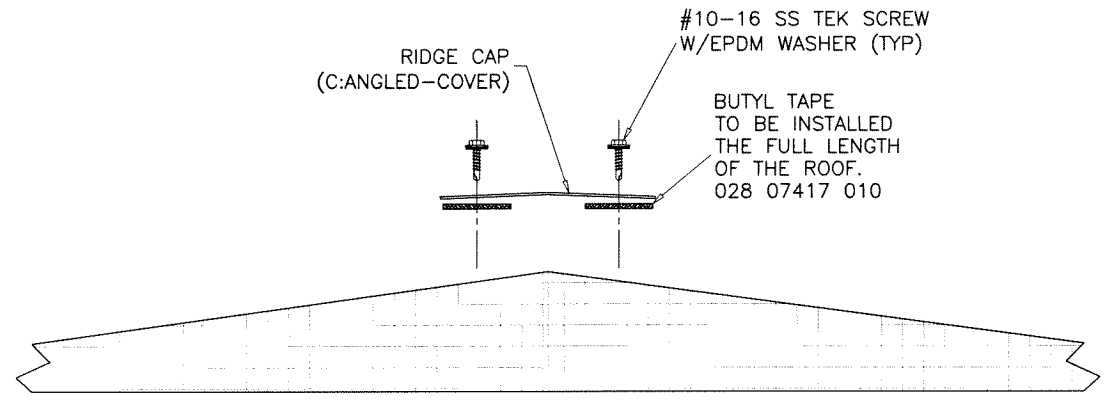
no	date	by	description

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- NOTES:**
- AS A STANDARD ROOF SUPPORT POSTS ARE REQUIRED ON ROOFS WHEN SPAN IS GREATER THAN 60" IN DIRECTION OF AIRFLOW AND ROOFS SPLIT DUE TO DOUBLE SLOPE REQUIREMENTS.
 - USE #10-16 TEK SCREW FOR SECURING COLUMN BASE TO FLOOR.
 - USE STAINLESS STEEL FASTENERS ON STAINLESS CAP AND BASE.

**TWO PIECE ROOF
PERMANENT SUPPORT**

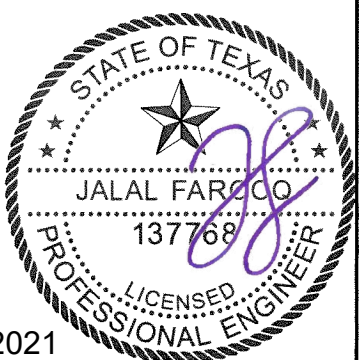


- NOTES:**
- ALL LAP JOINTS MUST HAVE CAULK BETWEEN THE LAP. SURFACE CAULKING ONLY IS NOT ACCEPTABLE.
 - UNIT ASSEMBLY TO INSTALL SCREWS INTENTIONALLY LEFT OUT BY ROOF BUILDERS
 - HIGH SIDE INSTALLATION IS THE SAME AS ON INDOOR ROOFS.

**OUTDOOR UNIT
ROOF CAP INSTALLATION**

ALL DIMENSIONS SHOWN ARE IN INCHES.

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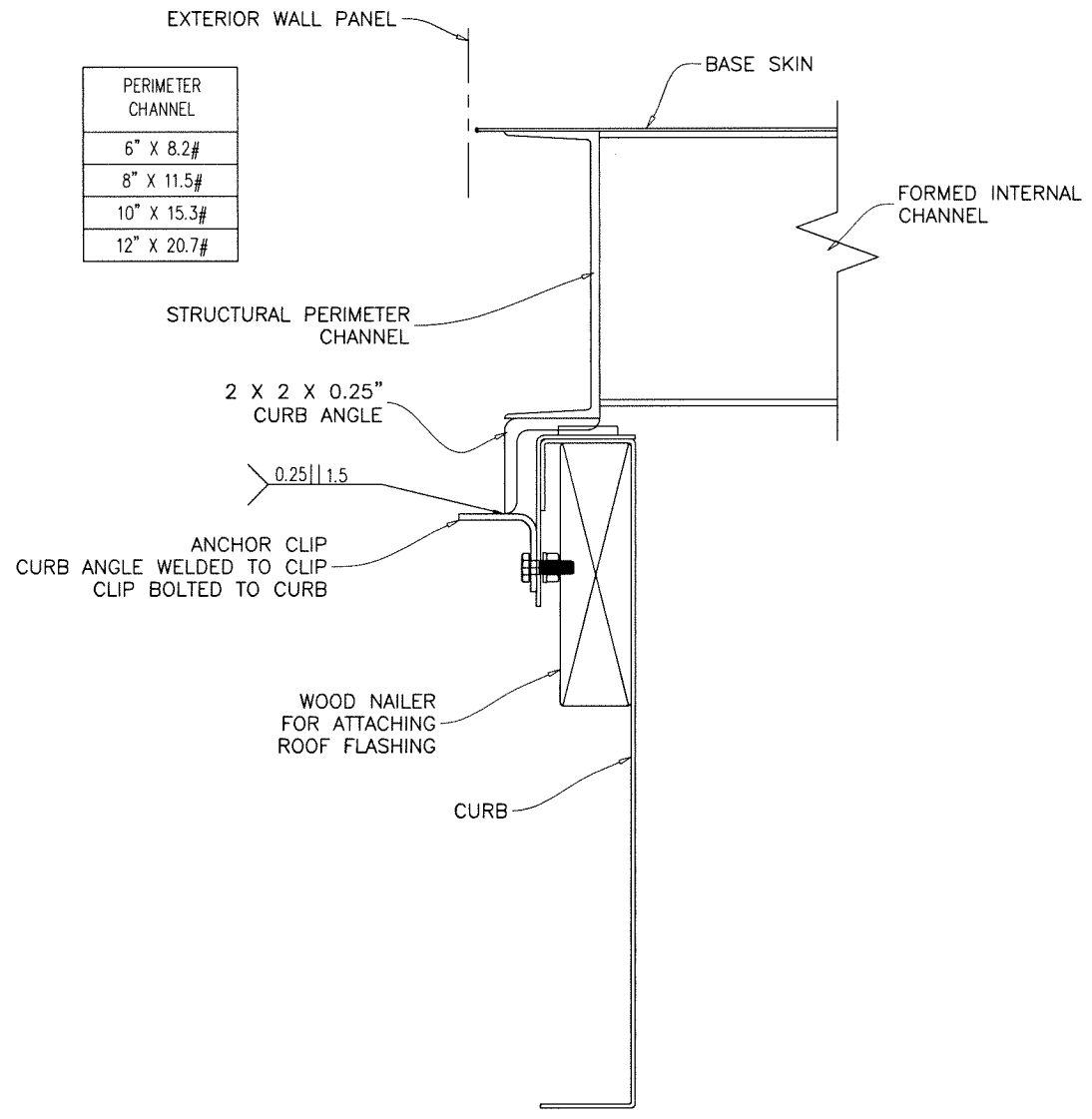
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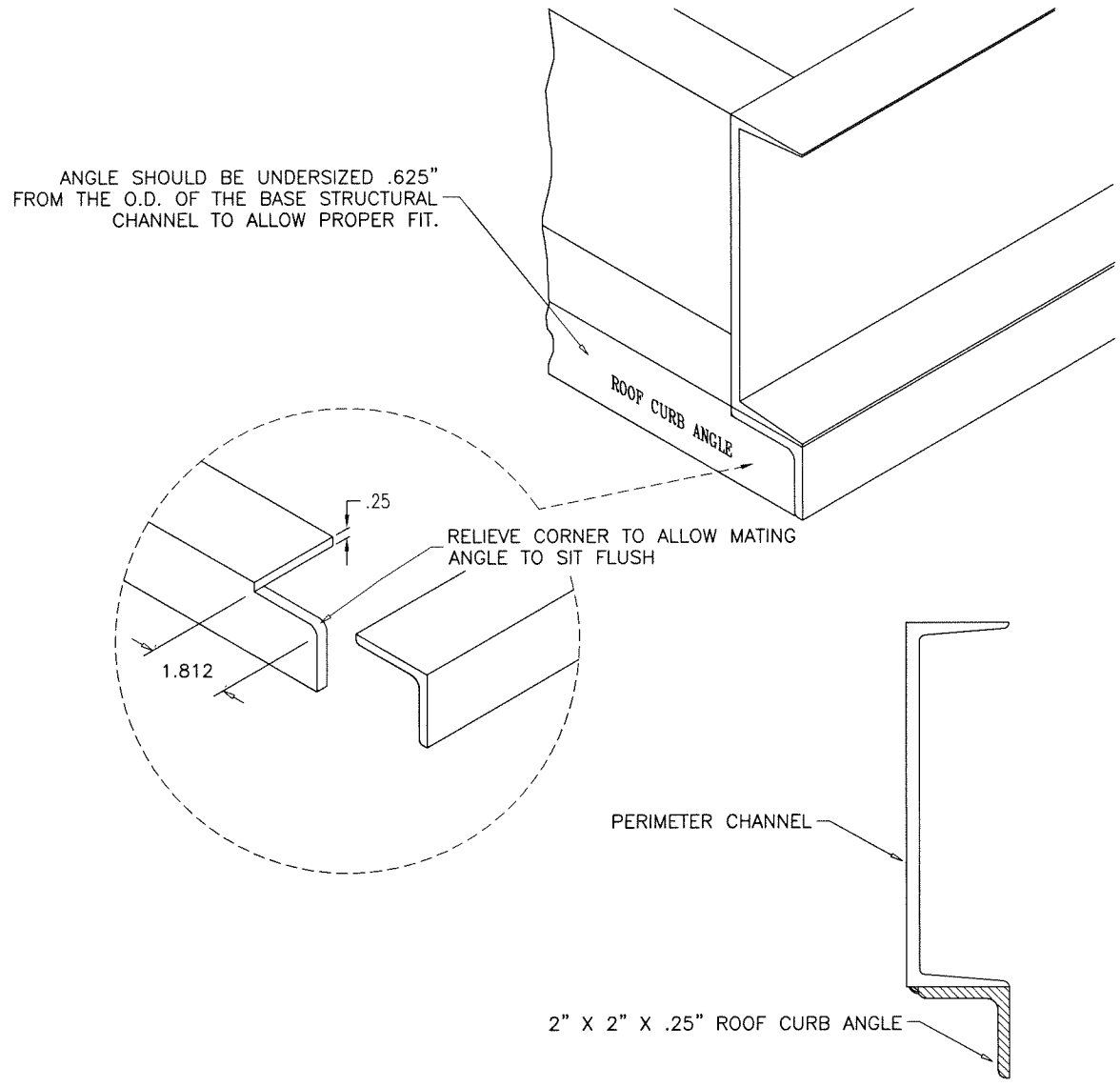
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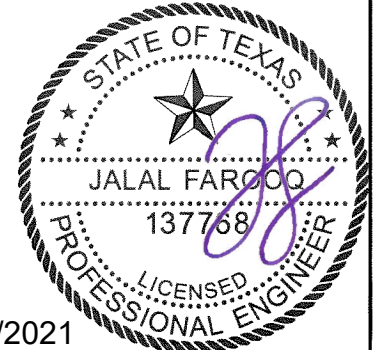
drawing no.
21-53T
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ROOF CURB HOLD DOWN DETAIL
 SHALL BE DESIGNED FOR EACH SITE SPECIFIC BY A FLORIDA P.E.
 AND REVIEWED BY THE CORRESPONDING BUILDING DEPARTMENT.



ROOF CURB ANGLE MOUNTING GUIDELINES AT BASE

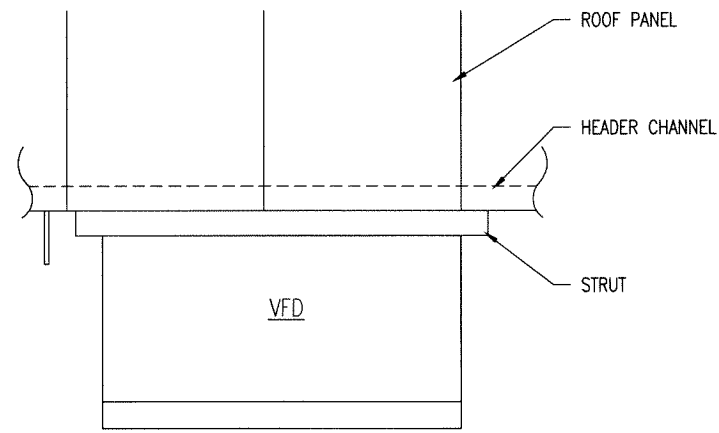


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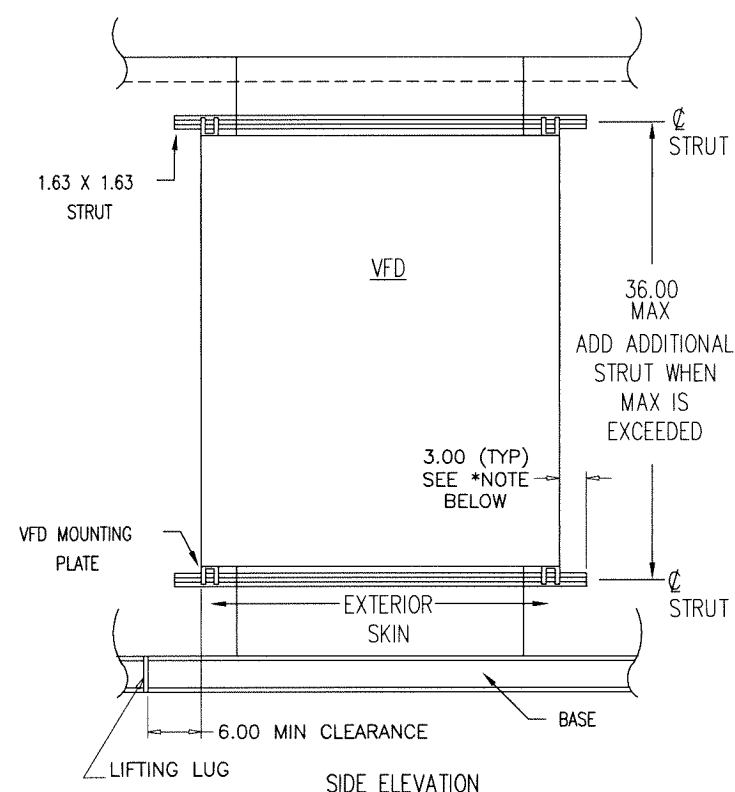
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sheet 17 of 19



PLAN VIEW

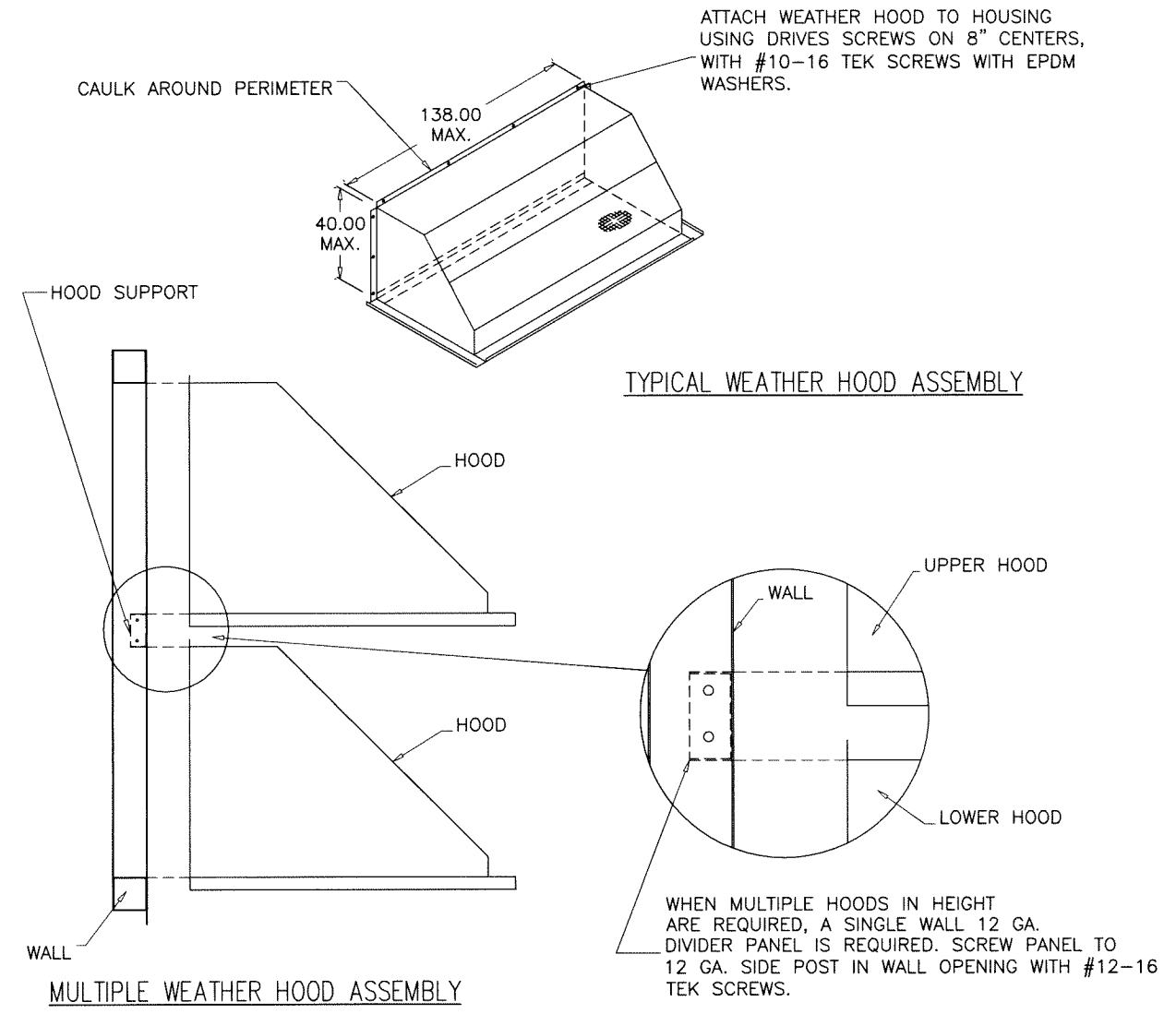
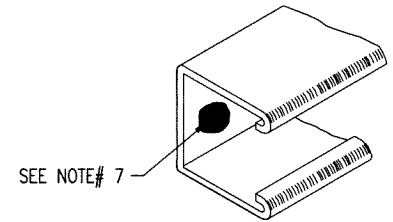


SIDE ELEVATION

*OVERHANG TO BE MAINTAINED IF POSSIBLE ON NEMA 1 BOXES.
 *OVERHANG MUST BE MET OR EXCEEDED WHEN BOX IS NEMA 3R

SURFACE MOUNT VFD MOUNTING DETAILS

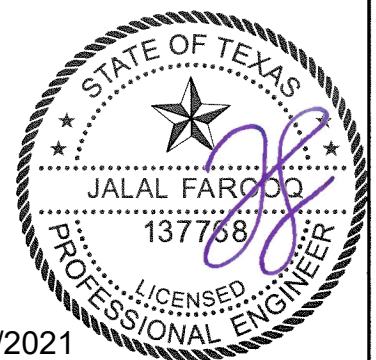
- DETAILING NOTES:**
- STRUTS FOR VFD'S WEIGHING MORE THAN 250lbs WILL BE MOUNTED WITH #12-16 TEK SCREW. DETERMINE FASTENER QTY PER STRUT USING THE FOLLOWING FORMULA: ROUND UP (WEIGHT OF PANEL DIVIDED BY 40), ADDITIONAL CHANNELS ADDED IN WALL PANEL BEHIND VFD'S.
 - STRUTS FOR VFD'S WEIGHING LESS THAN 250lbs WILL BE MOUNTED WITH #10-16 TEK SCREW. DETERMINE FASTENER QTY PER STRUT USING THE FOLLOWING FORMULA: ROUND UP (WEIGHT OF PANEL DIVIDED BY 30)
- ASSEMBLY NOTES:**
- ELECTRIC DEPT. TO DRILL .313" DIAMETER HOLES IN THE UNISTRUT TO MATCH THE ABOVE SPACING FOR 250lbs AND OVER VFD'S.
 - CAULK PANEL SEAMS THAT WILL BE COVERED BY STRUT AND POWER PANEL.
 - ADD .13 X .75 GASKET TAPE TO BACK SIDE OF BOTH UPPER AND LOWER STRUTS. GASKET TAPE SHOULD BE CENTERED ON HOLE AND RUN THE FULL LENGTH OF THE STRUT.
 - FOR VFD'S 250lbs AND OVER, SCREW UPPER AND LOWER STRUTS TO WALL WITH #12-16 TEK SCREWS. FOR VFD UNDER 250lbs SCREW UPPER AND LOWER STRUT TO EXTERIOR USING #12-16 TEK SCREW.
 - DRILL TWO .4375 INCH DIAMETER HOLES FOR EACH PIECE OF STRUT IN THE BACK OF PANEL TO MATCH STRUTS LOCATIONS.
 - BOLT POWER PANEL/CONTROL PANEL TO STRUT USING .38 ELECTRIC SPRINGS NUTS AND .38 X 1.0 NC GRADE 2 HCS.
 - CAULKING STRUT IS NOT REQUIRED, BUT DRIVE SCREW HEADS SHOULD BE CAULKED ON OUTDOOR UNITS.

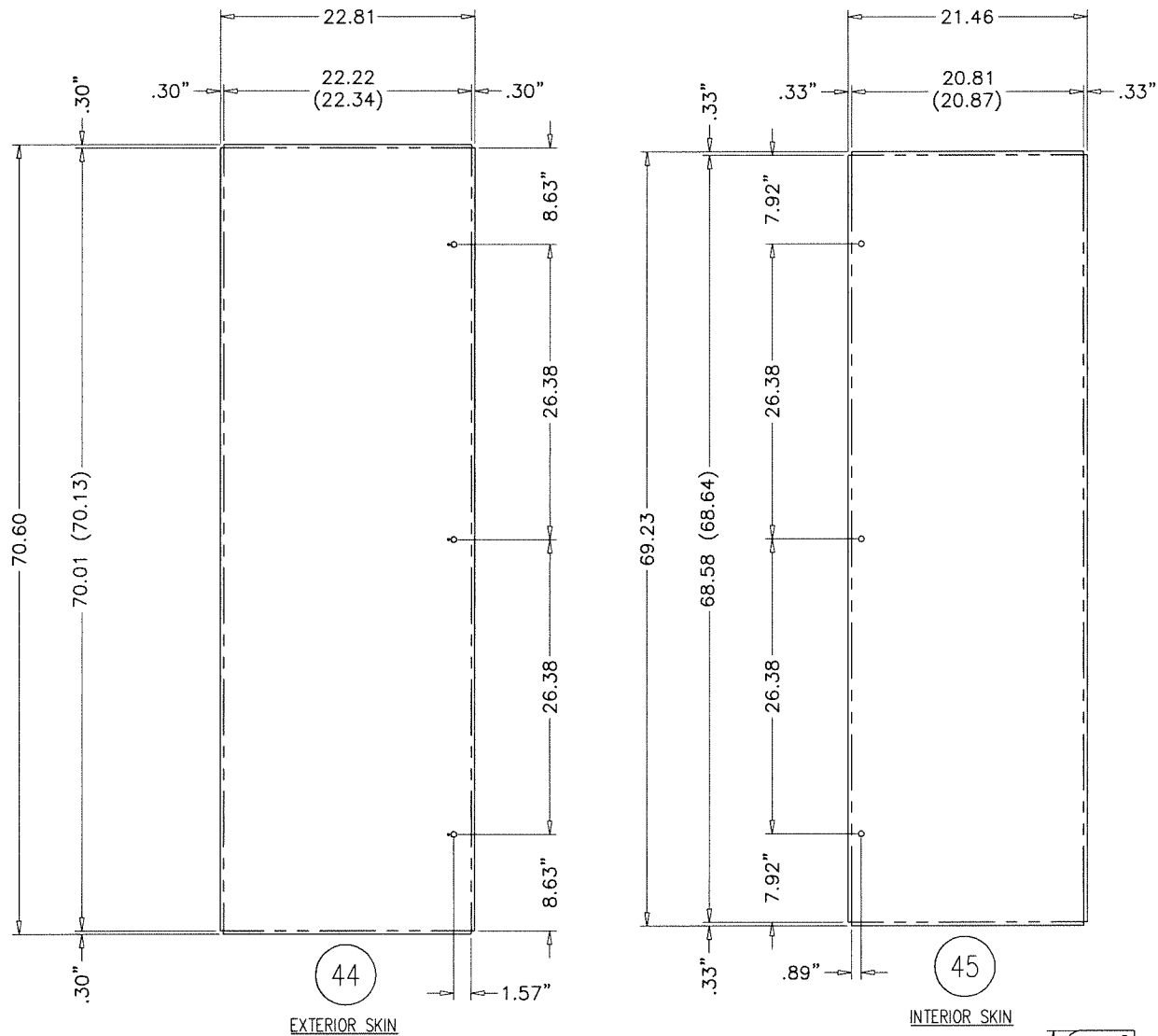


40" MAX. HOOD HEIGHT WHEN SINGLE HOOD IS USED
 LIMIT MAX. HEIGHT TO 20" WHEN MULTIPLE HOODS ARE USED.

- SIZING GUIDELINES:**
- 60" WEATHER HOODS ARE AVAILABLE IN ANY HEIGHT FROM 12.00 INCHES TO 45.00 INCHES. ONLY BY SQ.
 - 90" WEATHER HOODS ARE AVAILABLE IN HEIGHTS UP TO 40".
 - WEATHER HOODS ARE AVAILABLE IN WHOLE NUMBER WIDTHS FROM 16.00 INCHES TO 138.00 INCHES.
- MATERIAL:**
- STANDARD WEATHER HOOD MATERIAL IS 16GA PRE-PAINTED.

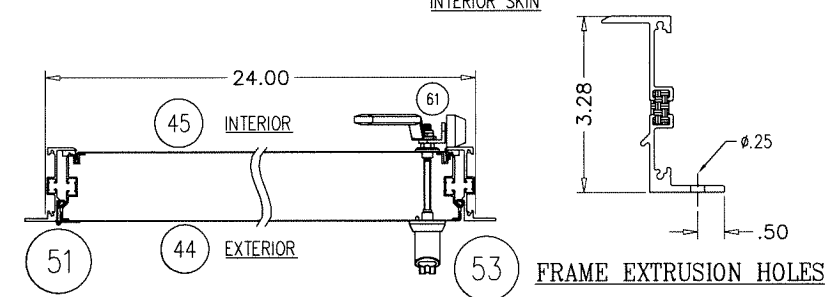
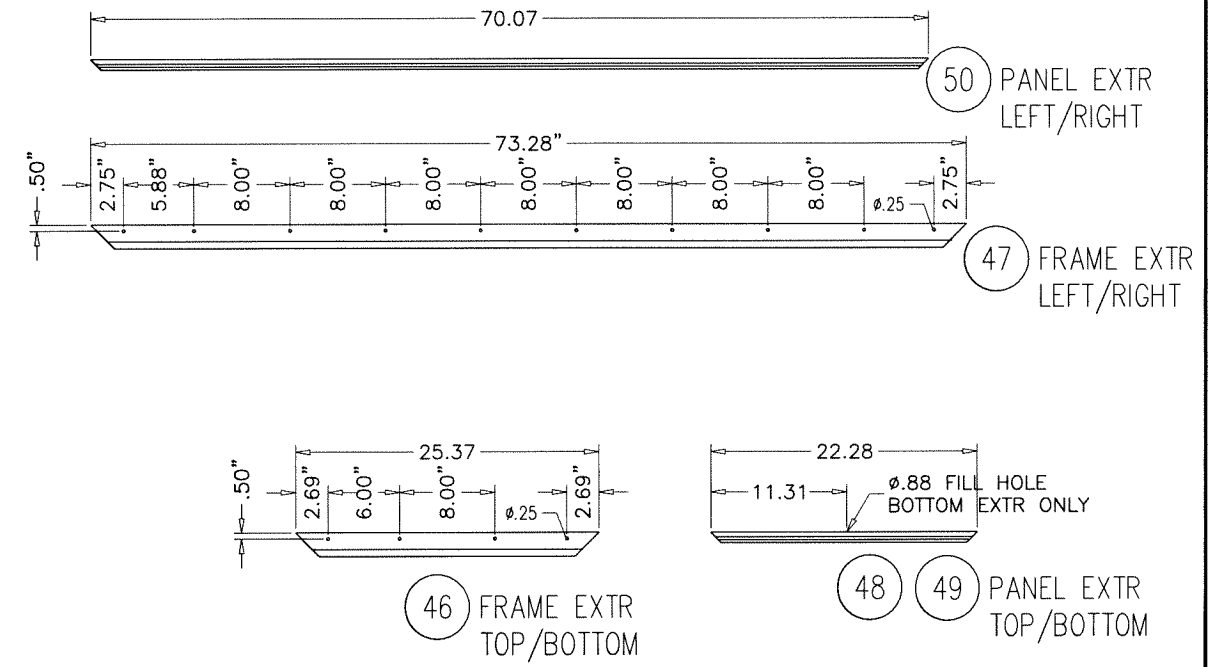
WEATHER HOOD SIZING & CONSTRUCTION GUIDELINES





LEVEL	ITEM	PART NO. * = Stocked	TOTAL QTY.	SORT FIELD	DESCRIPTION	SHEET/REF.	QTY. ONE
	43		1	LATCH STD	ACCESS DOOR 24.00 X 72.00 L-0	7.02	1
	51	* 029 24600 000	1		PIANO HINGE 304SS		1
	44		1	EXTERIOR SKIN	22.81 X 70.60 X SHEET,AL,3003H14,.080		1
	47		2	FRAME EXTR LTCH	EXTRUSION,FRAME,TB,OUTSWING,3 X 73.25		2
	46		2	FRAME EXTR T/B	EXTRUSION,FRAME,TB,OUTSWING,3 X 25.37		2
	45		1	INTERIOR SKIN	21.46 X 69.23 X SHEET,GLV,G90,20GA		1
	61	* 021 30402 004	1	NUT	NUT,NYLOK,PLTD,.31-18		1
	54	391 20028 001	2	OS LATCH ASSY	3" OS LATCH ASSY PLT		2
	53	391 20030 001	1	OS LATCH ASSY	3" Pad Lock OS LATCH ASSY PLT		1
	48		1	PANEL EXTR BTM	EXTRUSION,TB,DOOR,3 X 22.28		1
	50		2	PANEL EXTR L/R	EXTRUSION,TB,DOOR,3 X 70.07		2
	49		1	PANEL EXTR TOP	EXTRUSION,TB,DOOR,3 X 22.28		1

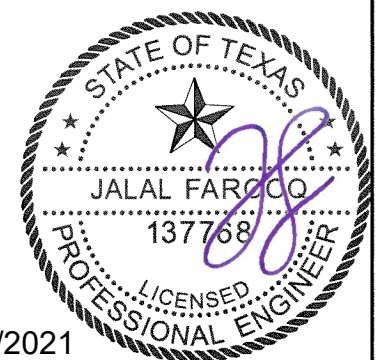
* ACTUAL DOOR HEIGHT IS 0.25" LESS THAN NOMINAL DOOR HEIGHT *



- NOTES:**
1. STAINLESS DOOR FASTENERS REQUIRED.
 2. DOOR EXTRUSION LENGTH TOLERANCES ARE ±0.03.
 3. USE 1/32" RADIUS DIE TO FORM PARTS.
 4. FINISHED SKIN DIMENSIONS ARE IN (). TOLERANCE IS ±0.05.
 5. DOOR SKINS ARE DRAWN BRAKES DOWN (PRE-PAINTED SIDE UP WHEN REQUIRED).
 6. PAD-LOCKABLE DOOR HANDLES REQUIRED.
 7. OUTSWING PRESSURIZED SAFETY LATCHES NOT REQUIRED.
 8. HINGE LENGTH = 69.13.

.080 ALUMINUM EXTERIOR SKIN & 20 GA. (.034" MIN.) INTERIOR SKIN
24 X 72 ACCESS DOOR LEFT HAND
OUTSWING DOOR WITH (3) ROTATIONAL DOOR LATCHES AT 6-1/2" TO 9-1/2" FROM EACH CORNER AND AT MIDPOINT
AND THERMAL BREAK ALUMINUM EXTRUDED Z FRAME

**ACCESS DOOR
OPTION #1**



YORK Custom (PACE & Miller-Picking) Air Handler Unit
York/Johnson Controls Inc.
 100 JCI Way
 York, PA. 17406
 TEL. (717) 978-3326

no	date	description

revisions:

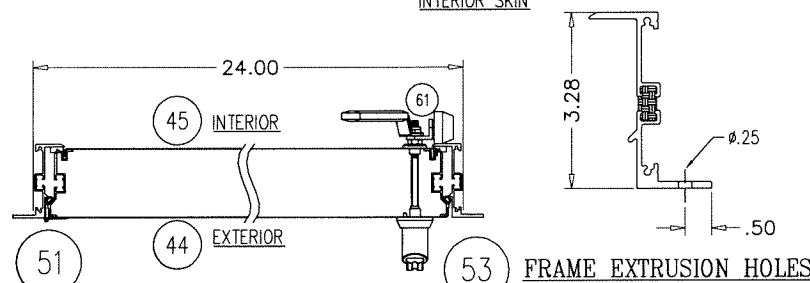
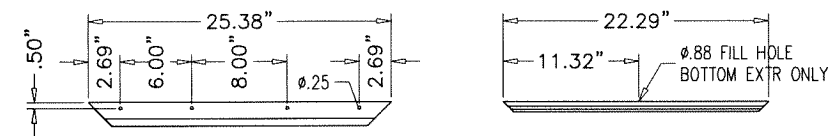
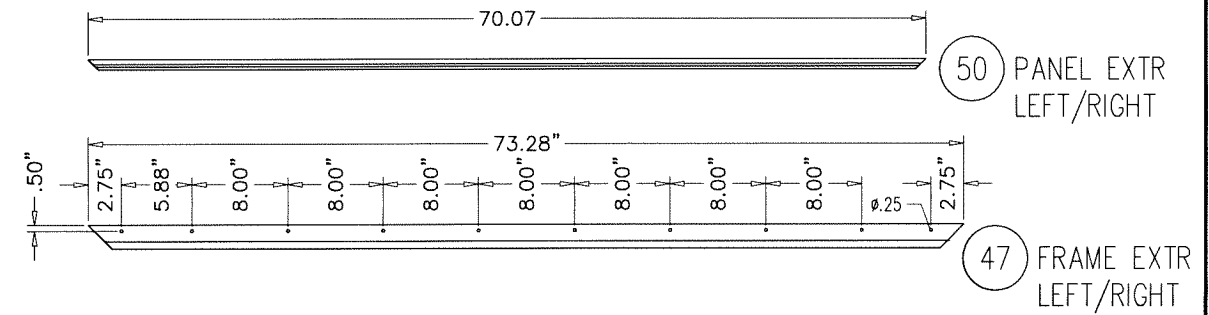
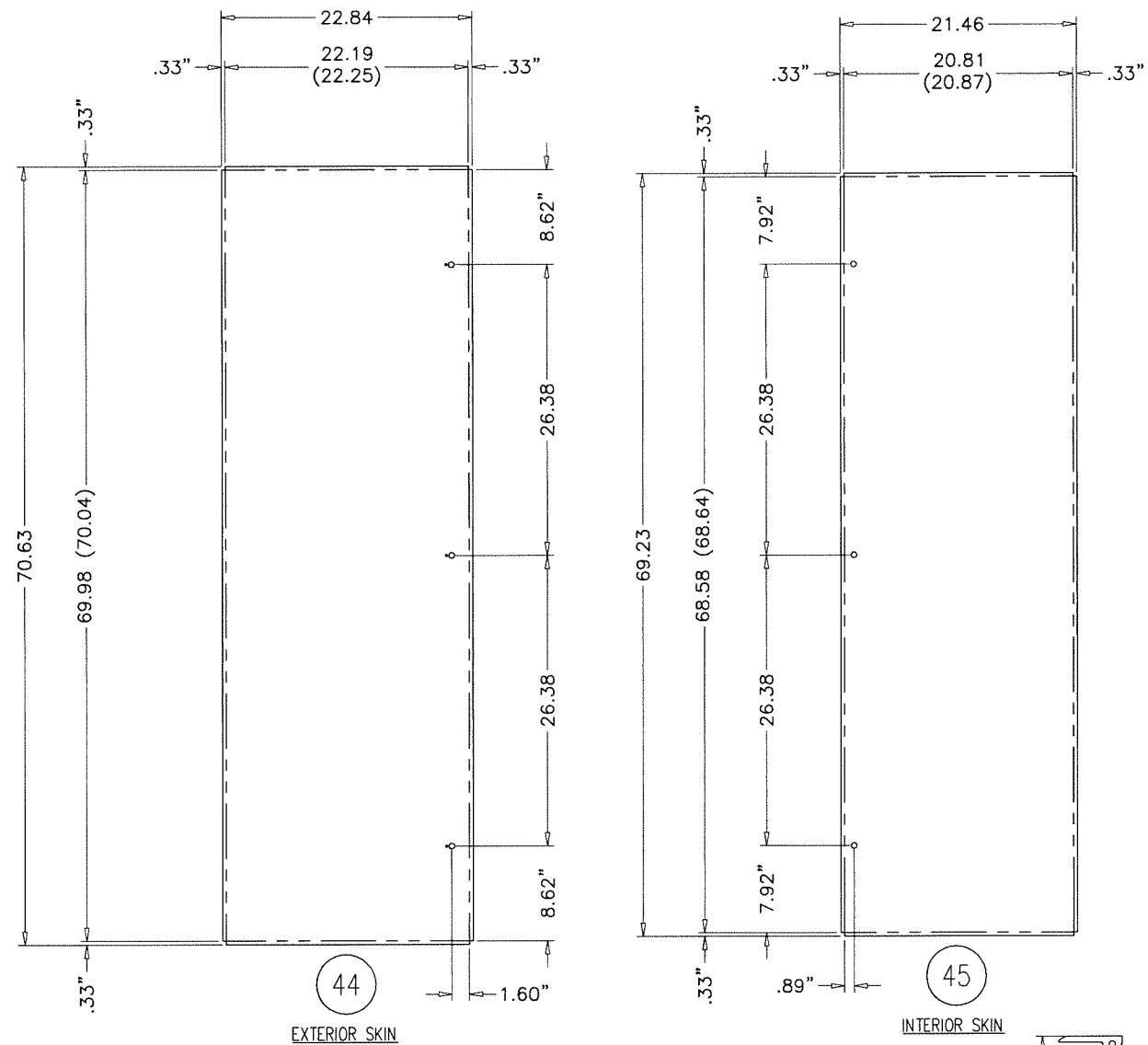
date: 06-18-21
 scale: 3/4" = 1'-0"
 dr. by: TARIQ
 chk. by:

drawing no.
21-53T

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LEVEL	ITEM	*=Stocked PART NO.	TOTAL QTY.	SORT FIELD	DESCRIPTION	SHEET/REF.	QTY. ONE
	43		1	LATCH STD	ACCESS DOOR 24.00 X 72.00 L-0	7.02	1
	51	* 029 24600 000	1	PIANO HINGE	PIANO HINGE 304SS		1
	44		1	EXTERIOR SKIN	22.84 X 70.63 X SHEET, GLV, G90, 20GA		1
	47		2	FRAME EXTR LTCH	EXTRUSION, FRAME, TB, OUTSWING, 3 X 73.25		2
	46		2	FRAME EXTR T/B	EXTRUSION, FRAME, TB, OUTSWING, 3 X 25.37		2
	45		1	INTERIOR SKIN	21.46 X 69.23 X SHEET, GLV, G90, 20GA		1
	61	* 021 30402 004	1	NUT	NUT, NYLOK, PLTD, .31-18		1
	54	391 20028 001	2	OS LATCH ASSY	3" OS LATCH ASSY PLT		2
	53	391 20030 001	1	OS LATCH ASSY	3" Pad Lock OS LATCH ASSY PLT		1
	48		1	PANEL EXTR BTM	EXTRUSION, TB, DOOR, 3 X 22.28		1
	50		2	PANEL EXTR L/R	EXTRUSION, TB, DOOR, 3 X 70.07		2
	49		1	PANEL EXTR TOP	EXTRUSION, TB, DOOR, 3 X 22.28		1

* ACTUAL DOOR HEIGHT IS 0.25" LESS THAN NOMINAL DOOR HEIGHT *



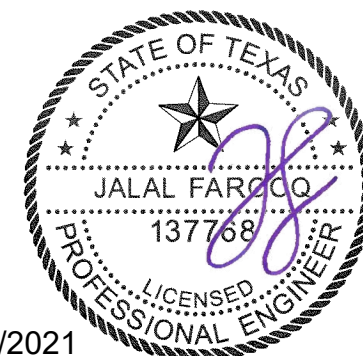
NOTES:

1. STAINLESS DOOR FASTENERS REQUIRED.
2. DOOR EXTRUSION LENGTH TOLERANCES ARE ± 0.03 .
3. USE 1/32" RADIUS DIE TO FORM PARTS.
4. FINISHED SKIN DIMENSIONS ARE IN (). TOLERANCE IS ± 0.05 .
5. DOOR SKINS ARE DRAWN BRAKES DOWN (PRE-PAINTED SIDE UP WHEN REQUIRED).
6. PAD-LOCKABLE DOOR HANDLES REQUIRED.
7. OUTSWING PRESSURIZED SAFETY LATCHES REQUIRED.
8. HINGE LENGTH = 69.04.

DOOR (43) ASSEMBLY (NOT TO SCALE)

**ACCESS DOOR
OPTION #2**

20 GA. (.034" MIN.) STEEL EXTERIOR & INTERIOR SKIN
24 X 72 ACCESS DOOR LEFT HAND
OUTSWING DOOR WITH (3) ROTATIONAL DOOR LATCHES AT 6-1/2" TO 9-1/2" FROM EACH CORNER AND AT MIDPOINT
AND THERMAL BREAK ALUMINUM EXTRUDED Z FRAME

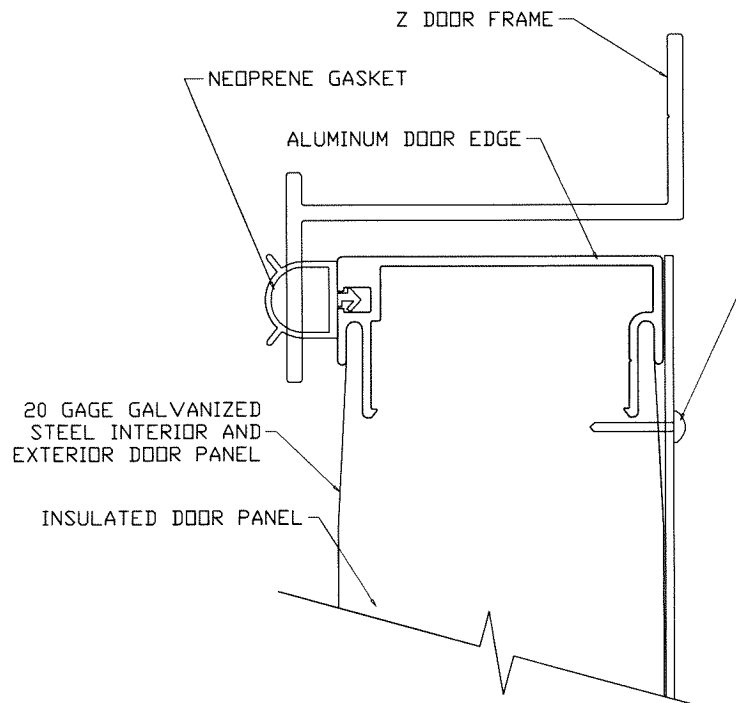


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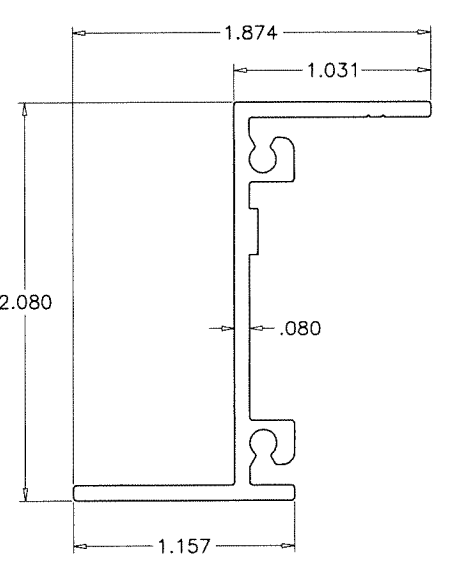
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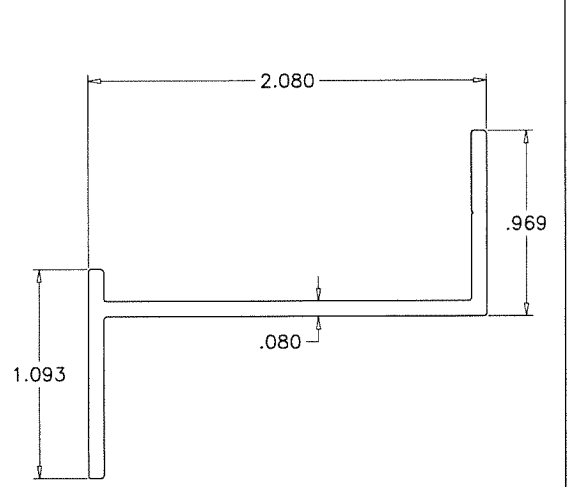
drawing no.
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 sheet 19 of 19



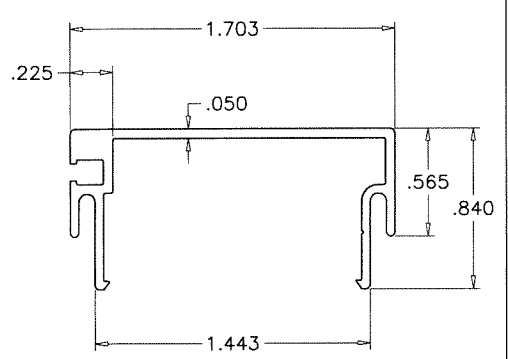
ENLARGED DOOR EDGE DETAIL



NON THERMAL VERTICAL Z FRAME



NON THERMAL HORIZONTAL Z FRAME

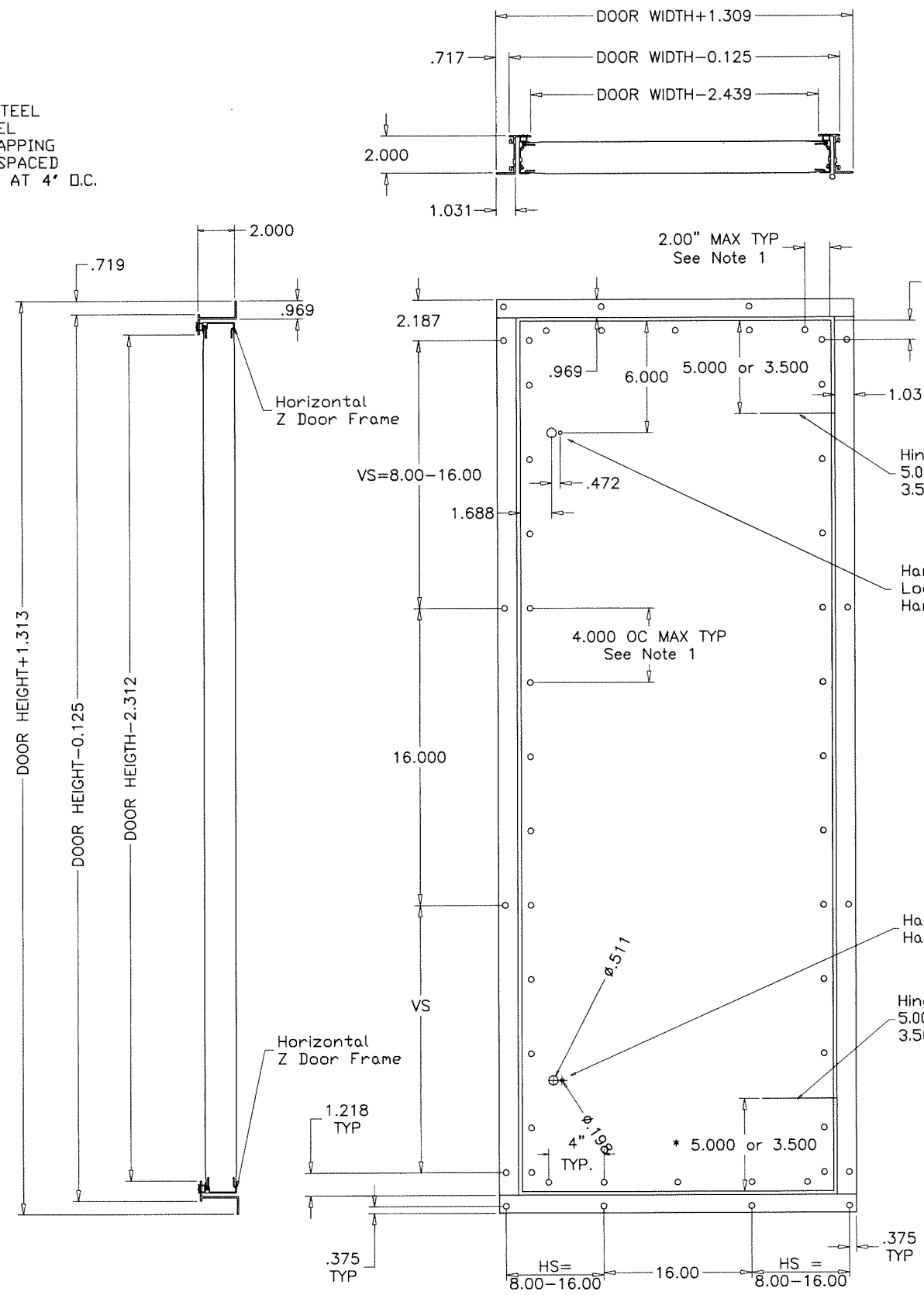


NON THERMAL DOOR PANEL EDGE EXTRUSION

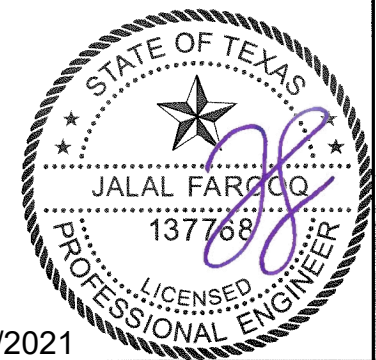
NOTES:
 UNIT DOOR HEIGHT = UNIT HEIGHT - 6.125
 PIPE CHASE DOOR HEIGHT = UNIT HEIGHT - 3.125

NOTE:
 1. Access doors are 2.00" thick, double-wall construction of galvanized sheet steel. The interior and exterior liner construction shall consist of 20 gage sheet steel. Additionally, an 18 gage steel exterior panel shall be secured to the access door with #14 x 3/4" self-tapping sheet metal screws spaced 2" from the edge and at 4" O.C.

MAXIMUM DESIGN LOAD RATING = + 65.0 PSF
 (FOR DOOR SHOWN ON THIS SHEET) - 65.0 PSF



ACCESS DOOR OPTION #3



Sealed: 7/6/2021

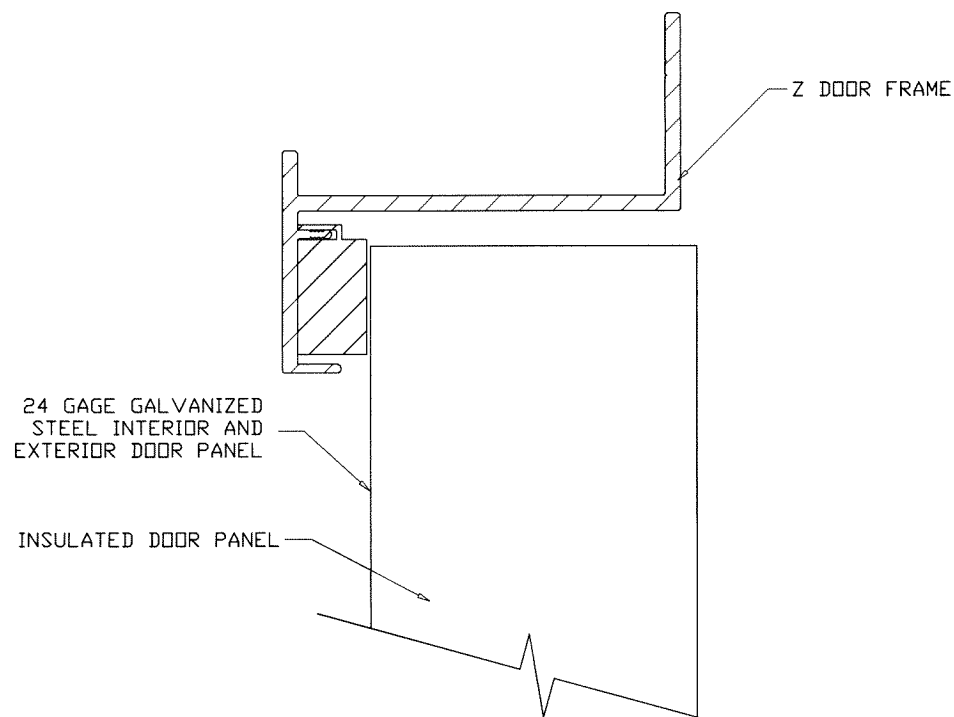
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COOLER 21-53T-YIC

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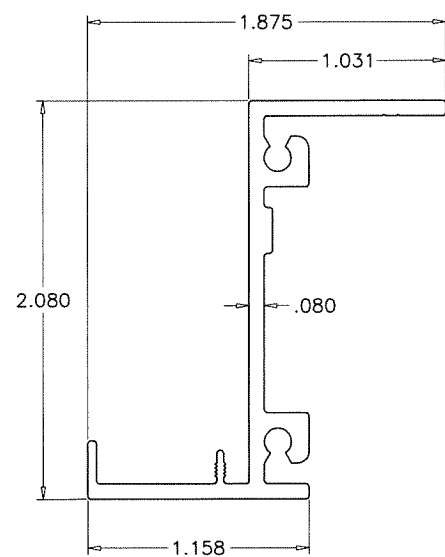
revisions:	no	date	by	description

date: 06-18-21
 scale: 1/8" = 1"
 dr. by: TARIQ
 chk. by:

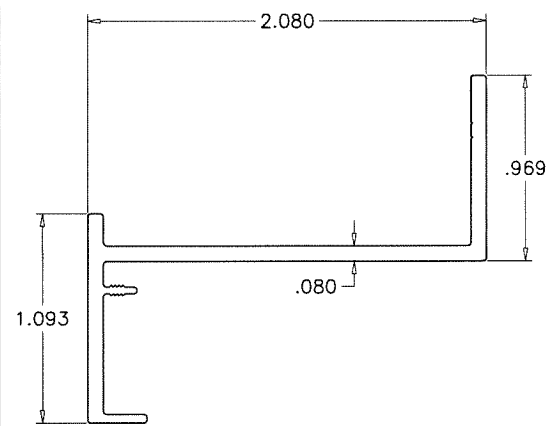
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21-53T
 sheet 19.1 of 19



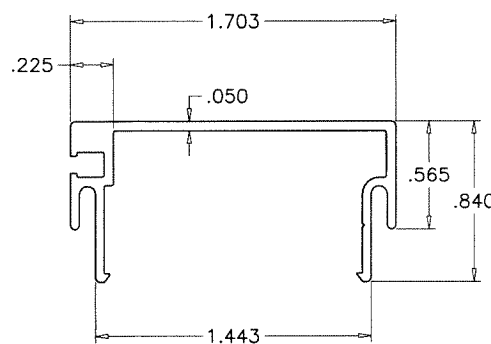
ENLARGED DOOR EDGE DETAIL



NON THERMAL VERTICAL Z FRAME



NON THERMAL HORIZONTAL Z FRAME



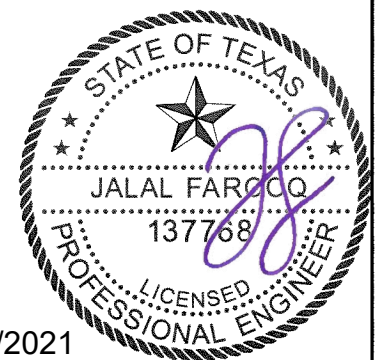
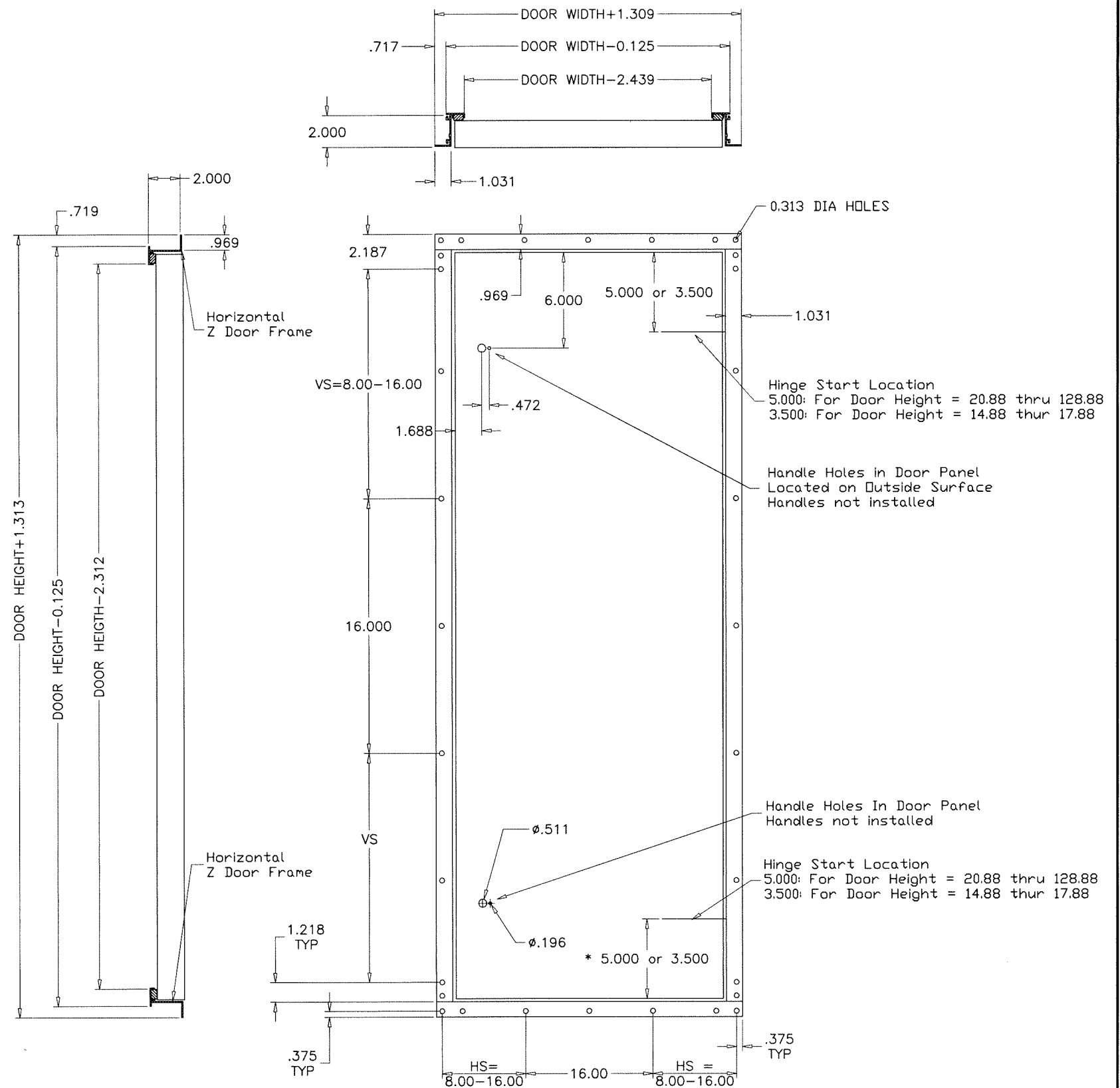
NON THERMAL DOOR PANEL EDGE EXTRUSION

NOTES:
 UNIT DOOR HEIGHT = UNIT HEIGHT - 6.125
 PIPE CHASE DOOR HEIGHT = UNIT HEIGHT - 3.125

NOTE:
 1. Access doors are 2.00" thick, double-wall construction of galvanized sheet steel. The interior and exterior liner construction shall consist of 24 gage sheet steel.
 2. View area not available on Doors used for NOA constructed units.
 3. Door must show no water leakage at 6.0" W.C and no air leakage at negative 8.0" W.C

MAXIMUM DESIGN LOAD RATING = + 65.0 PSF
 (FOR DOOR SHOWN ON THIS SHEET) - 65.0 PSF

ACCESS DOOR OPTION #4



Sealed: 7/6/2021

af c

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 chk. by:

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