

CENTRIA INTERCEPT RZR PANEL SYSTEM

GENERAL NOTES

1) THE CENTRIA INTERCEPT RZR PANEL SYSTEM HAS BEEN TESTED AS NOTED BELOW AND MEETS THE REQUIREMENTS OF THE CURRENT EDITION OF THE FLORIDA BUILDING CODE INCLUDING HVHZ PROVISIONS. PANELS ARE QUALIFIED FOR LARGE MISSILE IMPACT WITHOUT PLYWOOD BACK-UP.

2) INTERCEPT PANELS SHALL BE USED FOR PANEL WALLS/SIDING CONSTRUCTION.

3) DESIGN ALLOWABLE PRESSURES FOR INTERCEPT PANELS ARE +/- 90 PSF.

4) INTERCEPT PANELS HAVE BEEN TESTED IN ACCORDANCE WITH THE FOLLOWING TEST PROTOCOLS:

TAS 201-94	IMPACT TEST PROCEDURES
TAS 202-94	CRITERIA FOR TESTING IMPACT AND NON-IMPACT RESISTANT BUILDING ENVELOPE COMPONENTS USING UNIFORM STATIC AIR PRESSURE
TAS 203-94	CRITERIA FOR TESTING PRODUCTS SUBJECT TO CYCLIC WIND PRESSURE LOADING
ASTM E1886-05	PERFORMANCE OF EXTERIOR WINDOWS, CURTAIN WALLS, DOORS AND STORM SHUTTERS IMPACTED BY MISSILES AND EXPOSED TO CYCLIC PRESSURE DIFFERENTIALS
ASTM E1996-05	PERFORMANCE OF EXTERIOR WINDOWS, GLAZED CURTAIN WALLS, DOORS AND STORM SHUTTERS IMPACTED BY WINDBORNE DEBRIS IN HURRICANES

5) INTERCEPT PANEL SUPPORT SYSTEM AND AIR/WATER BARRIER:

- A. THE WALL PANELS ARE SHOWN AS TESTED; ATTACHED TO 16 GA. METAL STUDS AT A MAXIMUM STUD SPACING OF 16" ON CENTER.
- B. METAL STUDS WHEN USED AS PART OF THE SUPPORT STRUCTURE SHALL BE SPECIFIED BY THE ARCHITECT OR ENGINEER OF RECORD AND SUBMITTED TO THE PERMITTING JURISDICTION FOR REVIEW AND APPROVAL.
- C. THE WALL PANELS MAY ALSO BE ATTACHED DIRECTLY TO OTHER SUBSTRATE MATERIALS AS SPECIFIED BY THE ARCHITECT OR ENGINEER OF RECORD AND SUBMITTED TO THE PERMITTING JURISDICTION FOR REVIEW AND APPROVAL.
- D. ANY FLORIDA APPROVED AIR/WATER BARRIER BACK-UP SYSTEM IS ACCEPTABLE FOR USE BEHIND INTERCEPT AS THE PANELS HAVE BEEN TESTED AND ARE QUALIFIED FOR THE FULL DESIGN PRESSURE (STATIC AND CYCLIC LOADING) AND LARGE MISSILE IMPACT WITHOUT LOAD SHARING OR IMPACT RESISTANCE FROM THE BACK-UP SYSTEM.

6) INTERCEPT PANEL ATTACHMENT:

- A. ATTACHMENT OF INTERCEPT PANELS TO 16 GA. (0.0538") MINIMUM GALVANIZED STEEL SUPPORTS (50 KSI YIELD) AT 16" ON CENTER WITH (2) SCREWS PER SUPPORT USED IN TESTING EVALUATED IN ACCORDANCE WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (SEE PTC-PDG PRODUCT EVALUATION REPORT NO. 2445).
- B. FASTENERS (AS USED IN TESTING) FOR ATTACHMENT ARE $\frac{1}{4}$ " DIAMETER SELF TAPPING SCREWS, 300 SERIES STAINLESS STEEL.
- C. ATTACHMENT OF INTERCEPT PANELS TO SUPPORTING STRUCTURAL SUBSTRATE SHALL BE AS SPECIFIED BY THE ARCHITECT OR ENGINEER OF RECORD AND SUBMITTED TO THE PERMITTING JURISDICTION FOR REVIEW AND APPROVAL.

7) MAXIMUM INTERCEPT PANEL SIZE IS 34" MODULE (2'-10") X 138" (11'-6").

8) INTERCEPT PANELS CAN BE ORIENTED HORIZONTALLY OR VERTICALLY.

PANEL MATERIALS

- 1) INTERCEPT PANELS ARE FORMED FROM 0.060" ALUMINUM 3105-H14.
- 2) EXTRUSIONS ARE 6063 ALLOY, T5 TEMPER.

DESIGN PRESSURE RATING	IMPACT RATING
+/- 90 PSF	LARGE MISSILE

Robert J. Amoruso, P.E.
Florida P.E. No. 49752

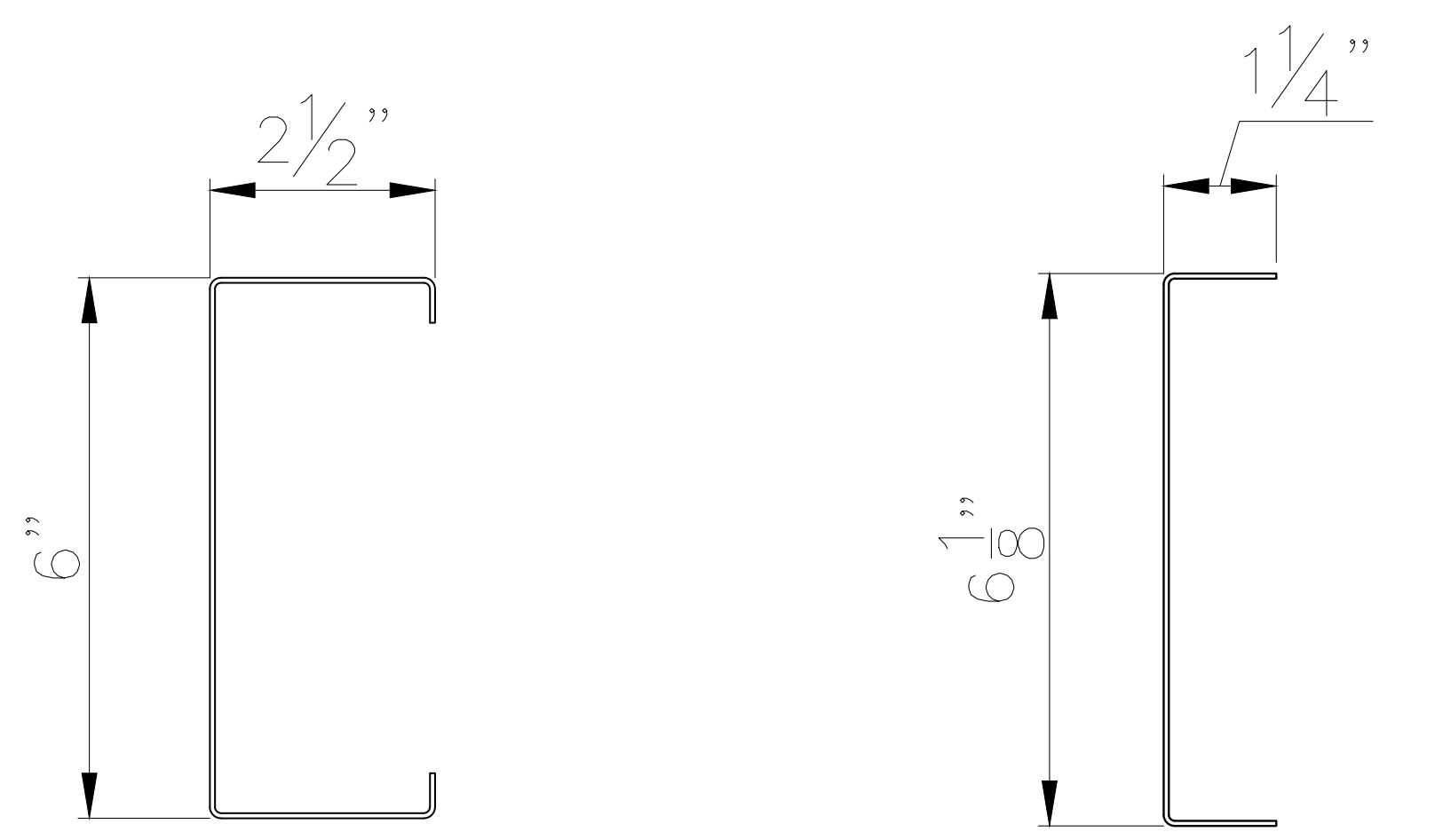
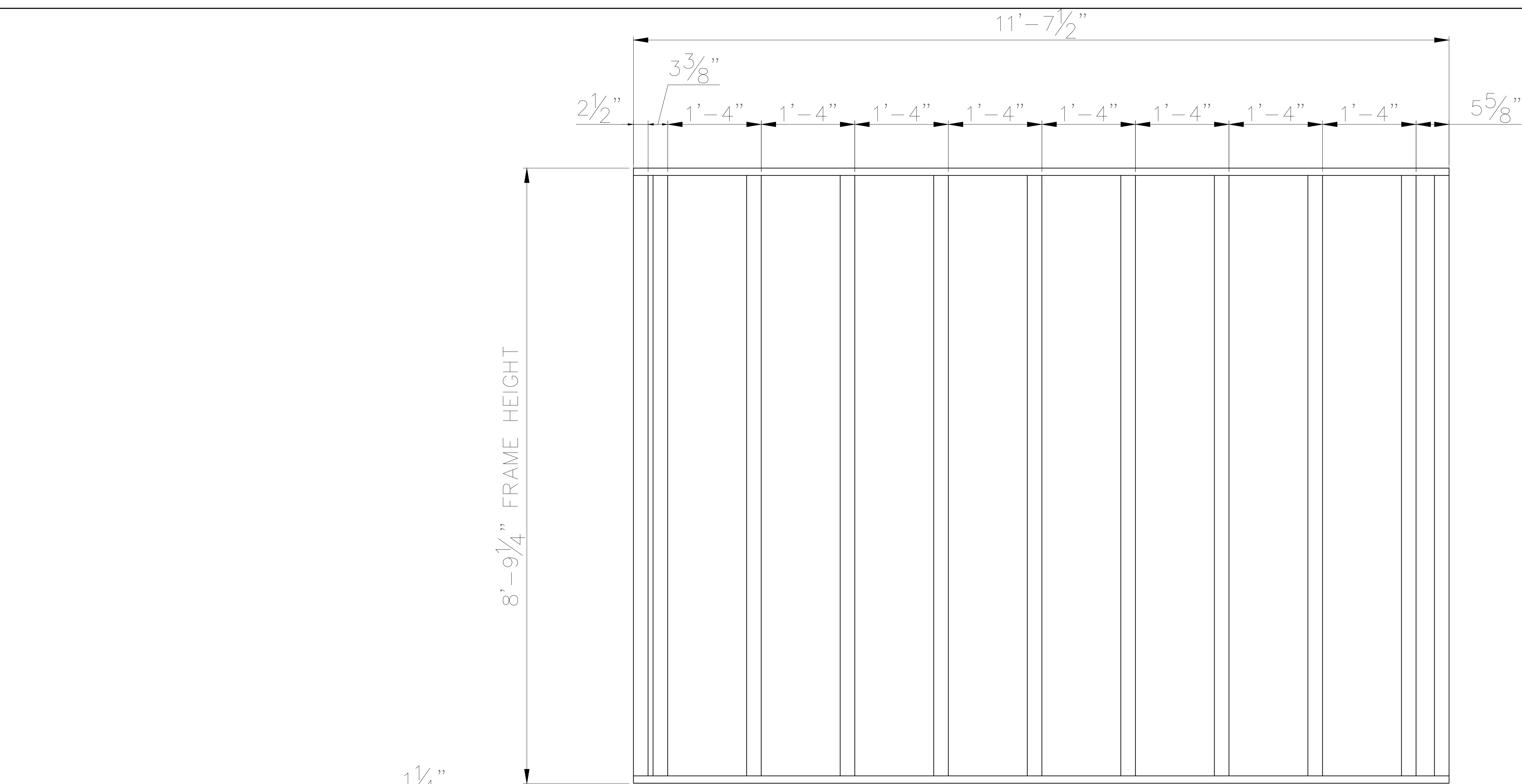
Digitally signed
by Robert J
Amoruso
Date:
2018.02.05
11:39:13 -05'00'

PTC PRODUCT DESIGN GROUP, LLC
P.O. BOX 520775
Longwood, FL 32752-0775
FBPE Cert. of Auth. No. 25935



1005 BEAVER GRADE ROAD MOON TWP., PA 15108-2944
PHONE: (412) 299-8000 FAX: (412) 299-8317

				FLORIDA PRODUCT APPROVAL		BY	DATE	DRAWING No. IR16		
					CUSTOMER:	DRAWN	GDP			12/14/17
					OWNER:	CHECKED	MJK	12/14/17	SHEET No. 1 of 6	ISSUE 1
1	FOR FLORIDA PRODUCT APPROVAL	MJK	12/14/17		PROJECT:	SECTION MANAGER				
ISSUE	DESCRIPTION	BY	DATE		LOCATION:					

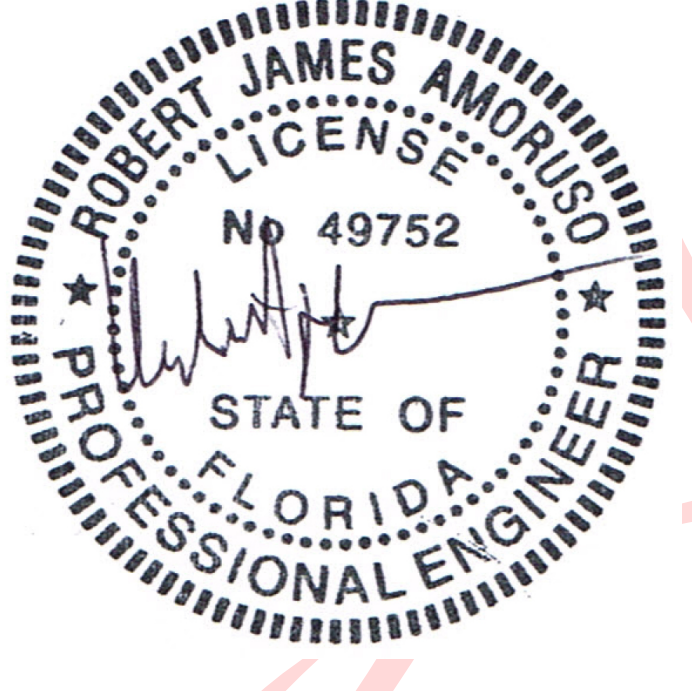


METAL STUD
16 GA.

METAL TRACK
16 GA.

1 STUD FRAMING ELEVATION
2 SCALE: NONE

Robert J. Amoruso, P.E.
Florida P.E. No. 49752



Digitally signed by
Robert J Amoruso
Date:
2018.02.05
11:39:52
-05'00'

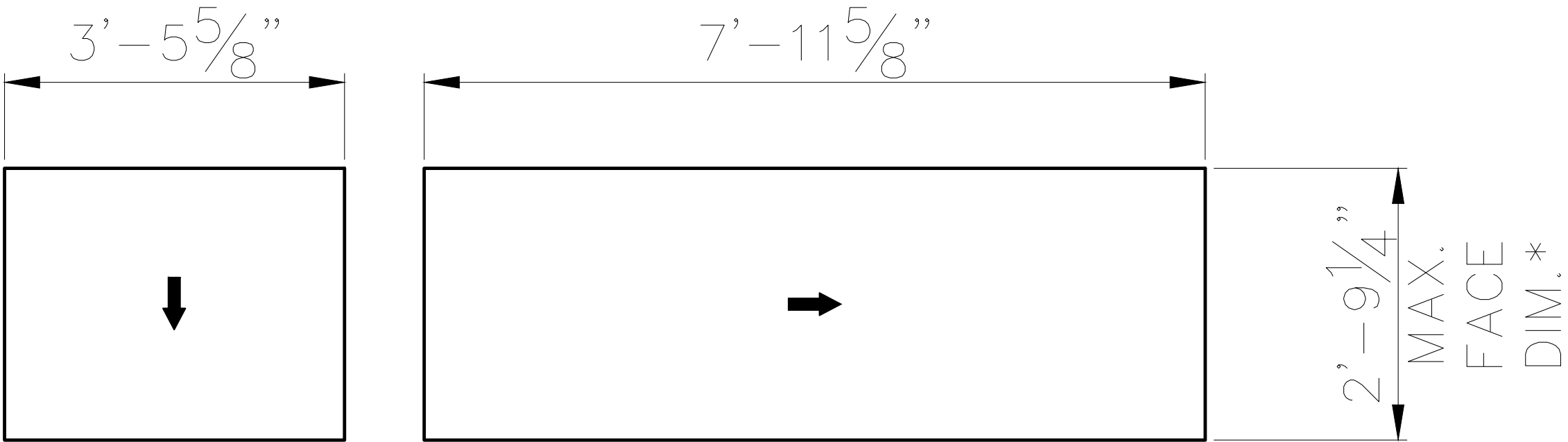
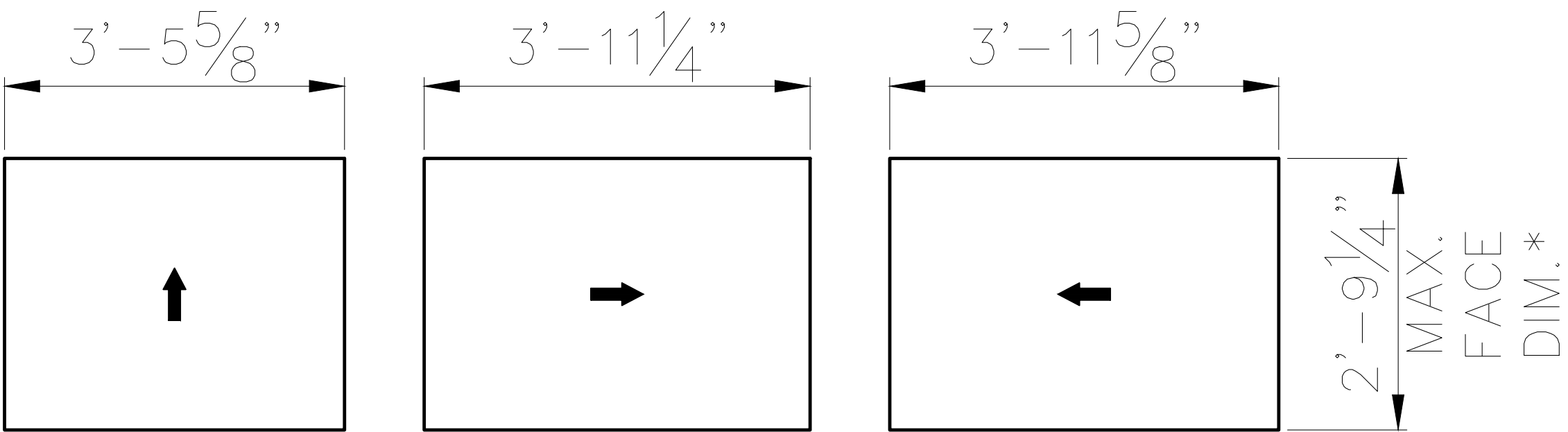
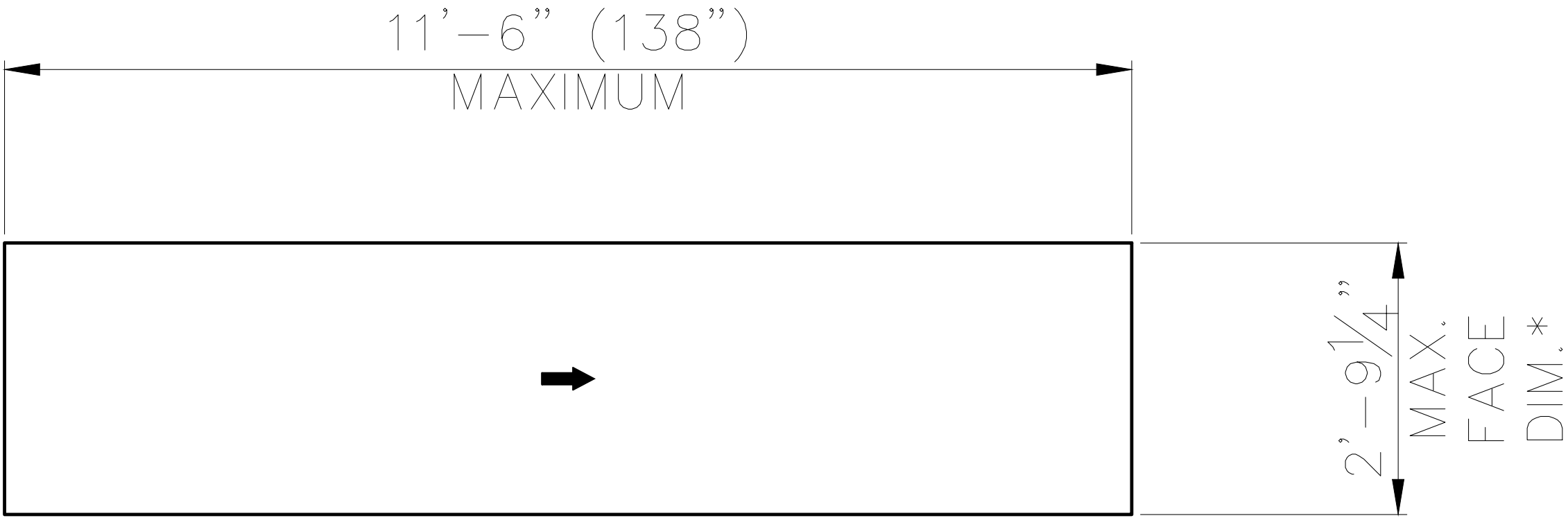
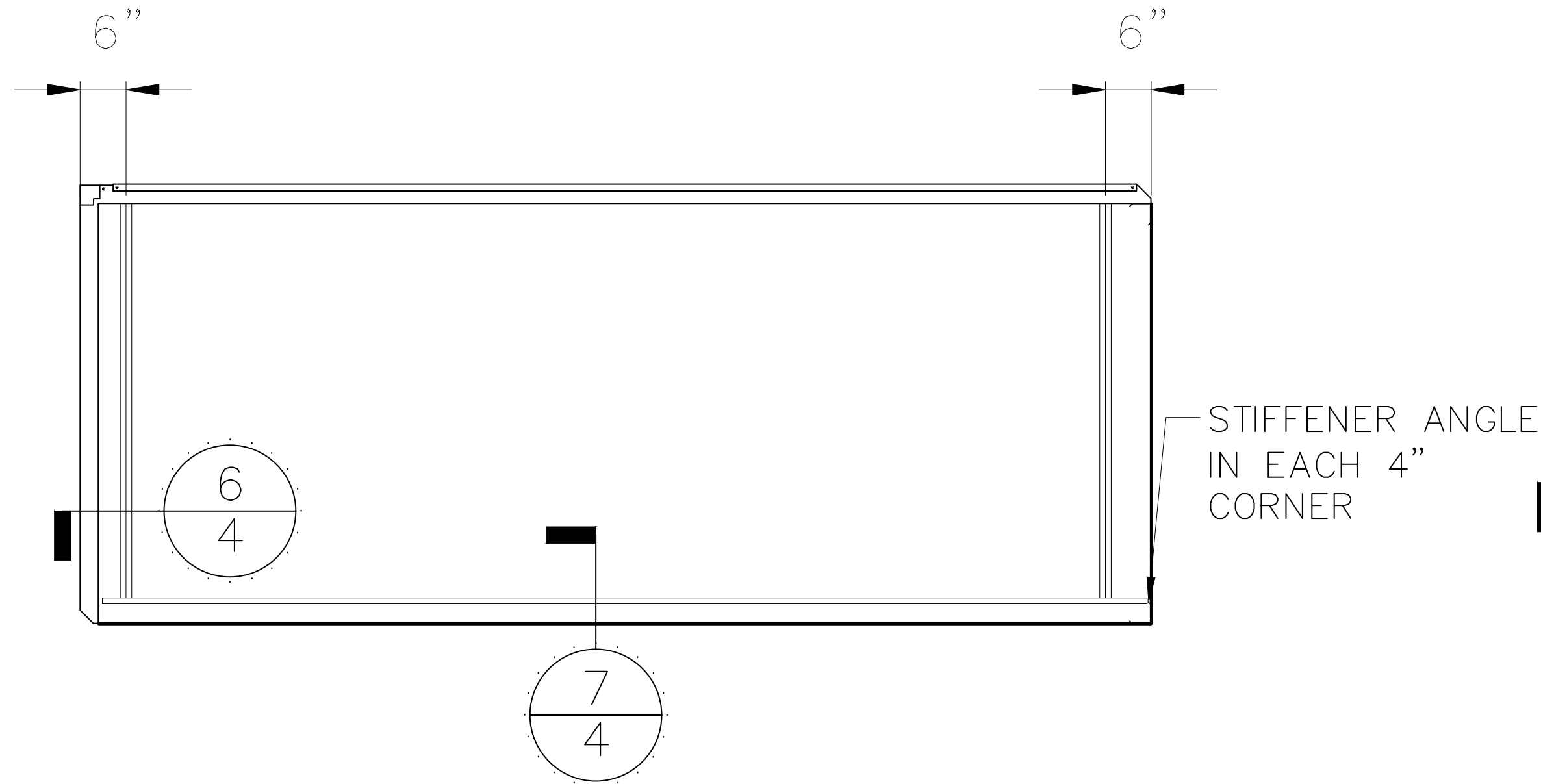
PTC PRODUCT DESIGN GROUP, LLC
P.O. BOX 520775
Longwood, FL 37252-0775
FBPE Cert. of Auth. No. 25935



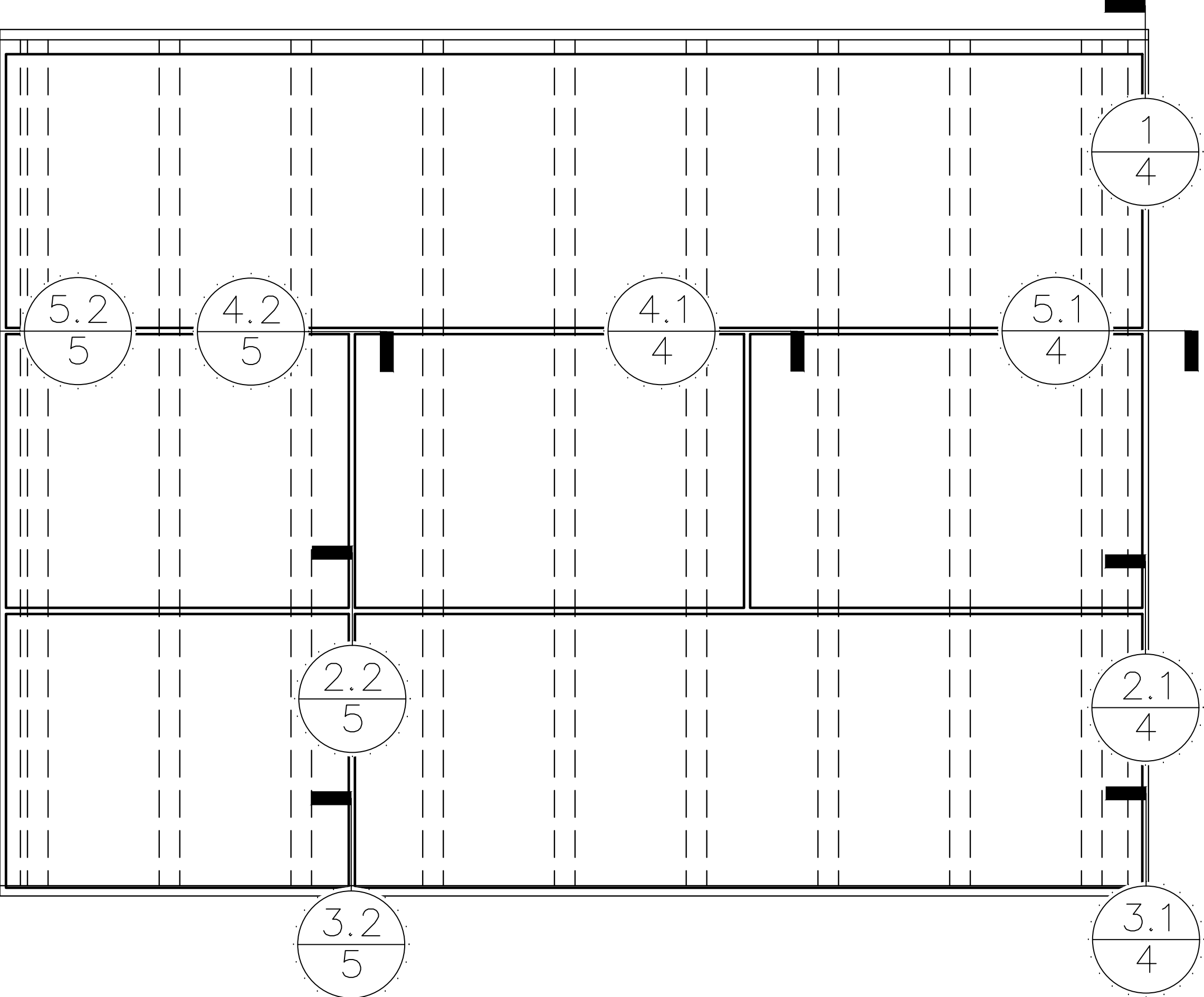
1005 BEAVER GRADE ROAD MOON TWP., PA 15108-2944
PHONE: (412) 299-8000 FAX: (412) 299-8317

				FLORIDA PRODUCT APPROVAL		BY	DATE	DRAWING No. IR16		
					DRAWN	GDP	12/14/17			
					CUSTOMER: OWNER: PROJECT: LOCATION:	CHECKED	MJK	12/14/17	SHEET No. 2 of 6	ISSUE 1
						SECTION MANAGER				
1	FOR FLORIDA PRODUCT APPROVAL	MJK	12/14/17							
ISSUE	DESCRIPTION	BY	DATE							

STIFFENER LOCATION



PANEL DRAWINGS
SCALE: NONE



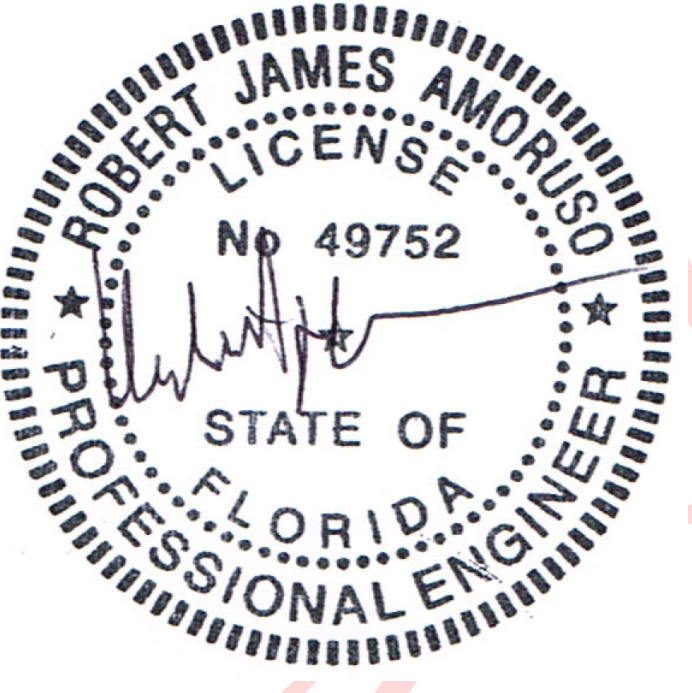
1 INTERCEPT RZR PANEL ELEVATION
SCALE: NONE

(SEE "PANEL DRAWINGS" THIS SHEET
FOR AS-TESTED PANEL SIZES)

*FACE DIM. + 3/4" = 34" MAX. MODULE

➔ INDICATES FACE SLOPE DIRECTION

Robert J. Amoruso, P.E.
Florida P.E. No. 49752



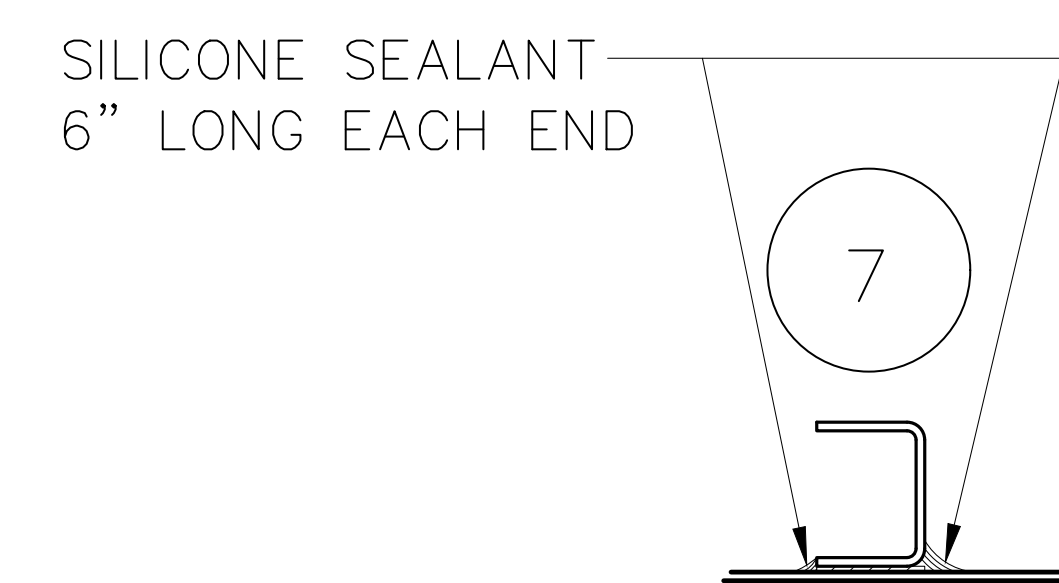
Digitally signed
by Robert J
Amoruso
Date:
2018.02.05
11:40:02 -05'00'

PTC PRODUCT DESIGN GROUP, LLC
P.O. BOX 520775
Longwood, FL 32752-0775
FBPE Cert. of Auth. No. 25935



1005 BEAVER GRADE ROAD MOON TWP., PA 15108-2944
PHONE: (412) 299-8000 FAX: (412) 299-8317

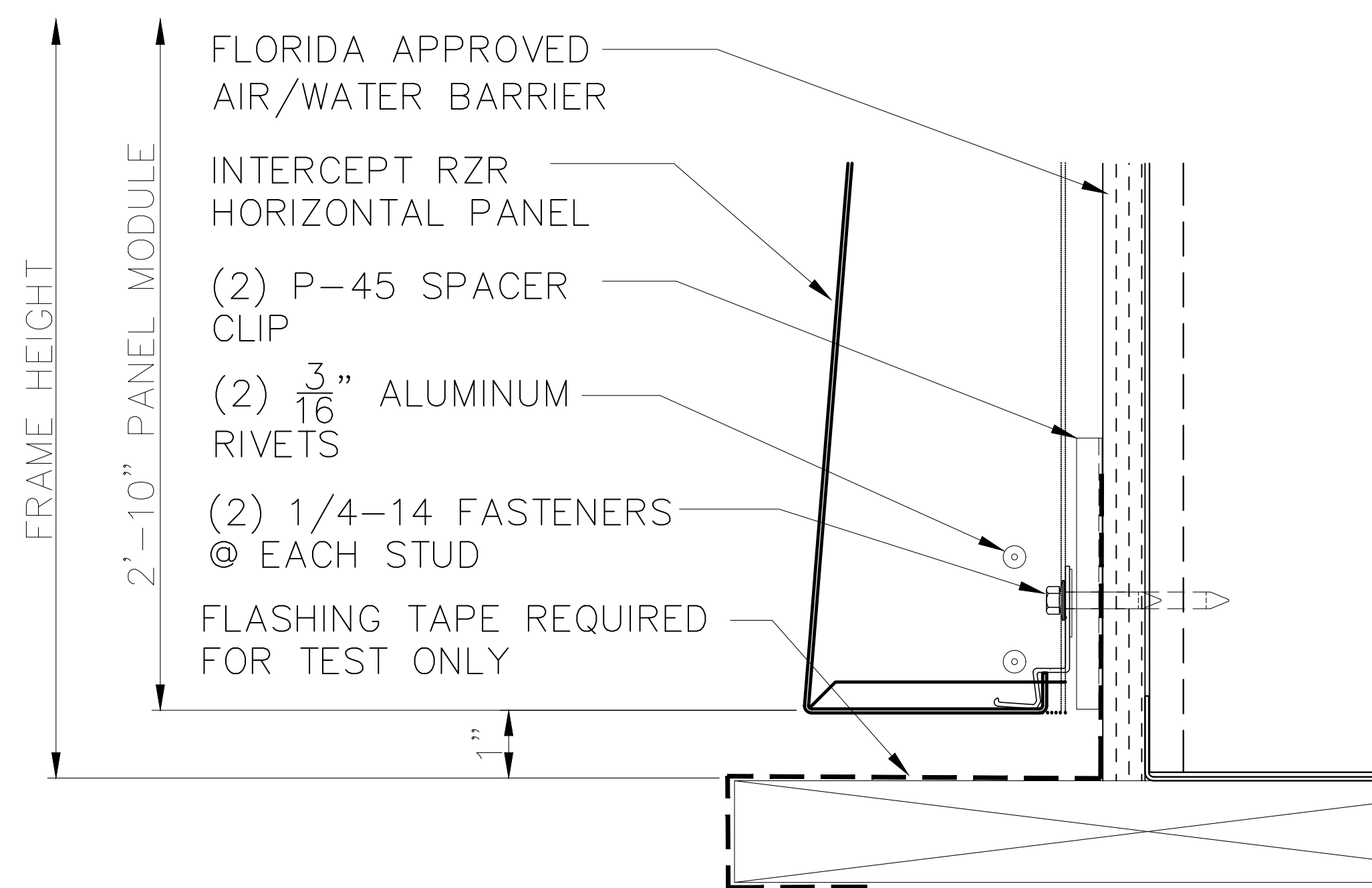
				FLORIDA PRODUCT APPROVAL					BY	DATE	DRAWING No.	
				CUSTOMER:				DRAWN	GDP	12/14/17	IR16	
				OWNER:				CHECKED	MJK	12/14/17	SHEET No.	
				PROJECT:				SECTION MANAGER			3 of 6	
1	FOR FLORIDA PRODUCT APPROVAL	MJK	12/14/17	LOCATION:							1	
ISSUE	DESCRIPTION	BY	DATE									



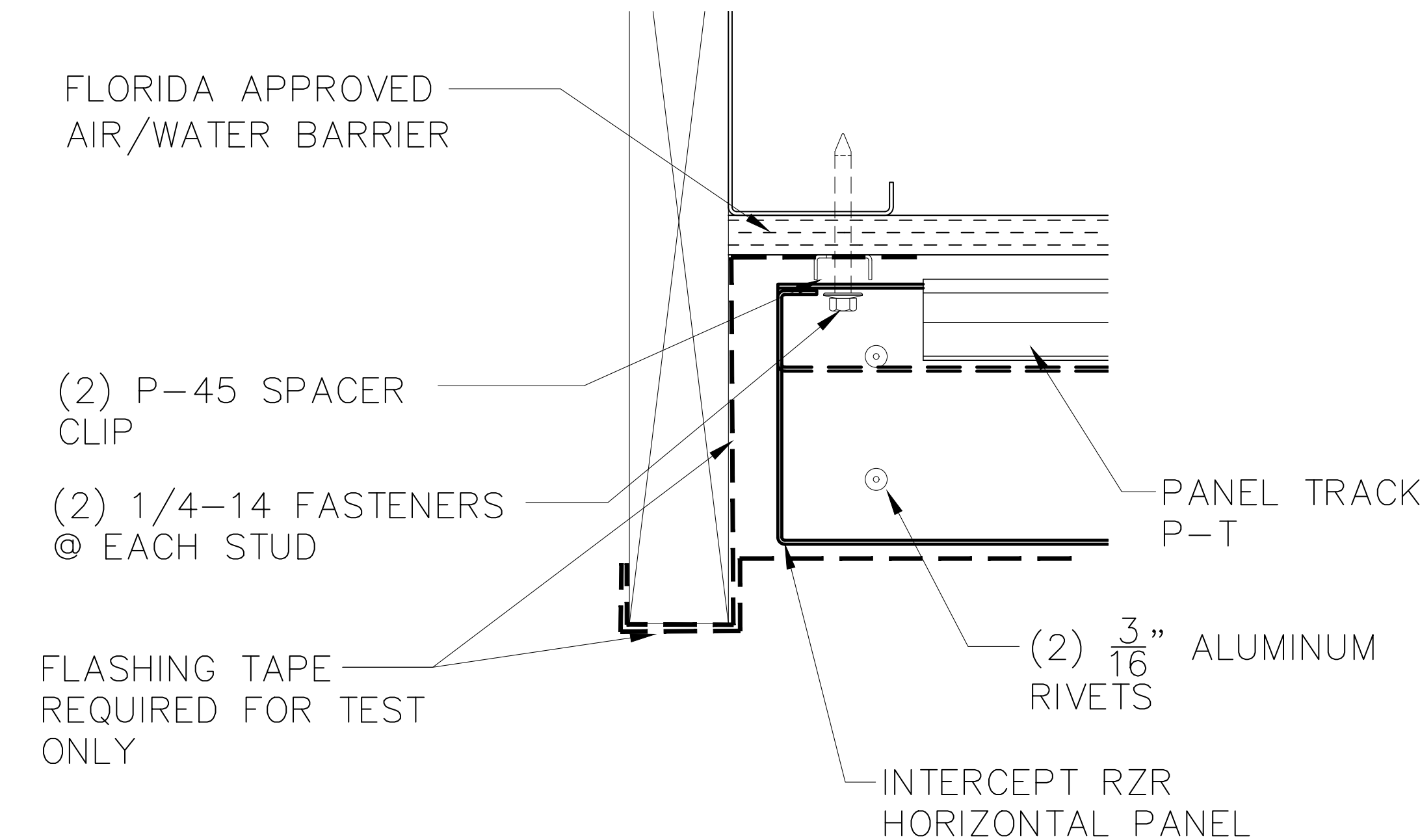
PTC PRODUCT DESIGN GROUP, LLC
P.O. BOX 520775
Longwood, FL 32752-0775
FBPE Cert. of Auth. No. 25935



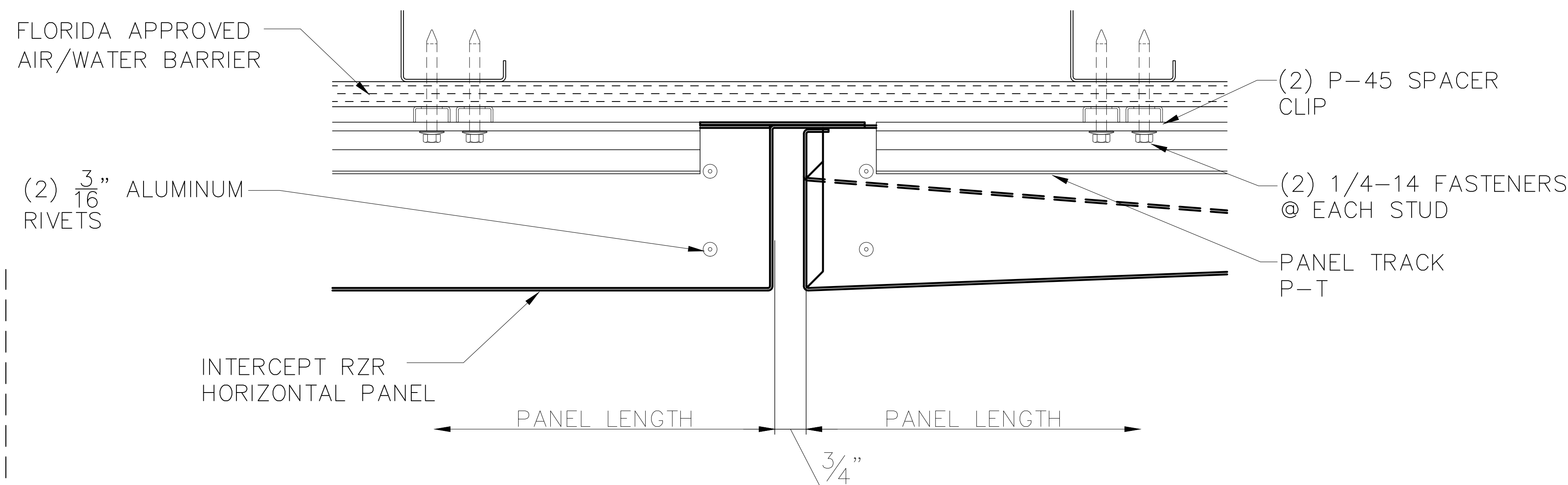
				FLORIDA PRODUCT APPROVAL		BY	DATE	DRAWING No.	
				CUSTOMER: OWNER: PROJECT: LOCATION:	DRAWN	GDP	12/14/17	IR16	
					CHECKED	MJK	12/14/17	SHEET No.	
1	FOR FLORIDA PRODUCT APPROVAL	MJK	12/14/17		SECTION MANAGER			4 of 6	
ISSUE	DESCRIPTION	BY	DATE					1	



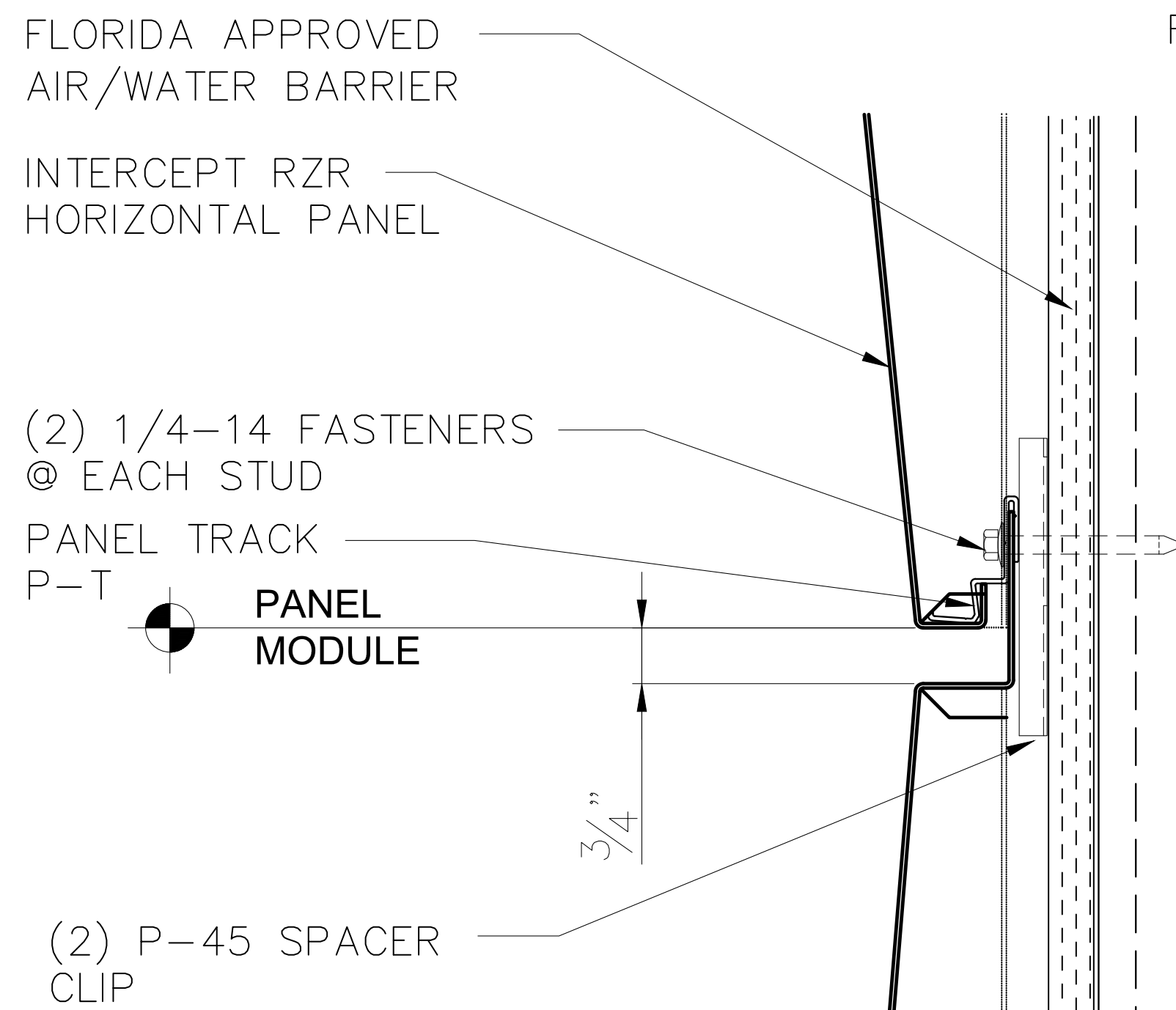
3.2 BASE INTERCEPT RZR PANEL
TOP-BOTTOM SLOPE. SCALE: NONE



5.2 JAMB INTERCEPT RZR PANEL
TOP-BOTTOM SLOPE. SCALE: NONE



4.2 VERTICAL PANEL JOINT INTERCEPT RZR PANEL
TOP-BOTTOM & LEFT-RIGHT SLOPES. SCALE: NONE



2.2 HORIZONTAL PANEL JOINT INTERCEPT RZR PANEL
TOP-BOTTOM SLOPE. SCALE: NONE

Robert J. Amoruso, P.E.
Florida P.E. No. 49752

Digitally signed by Robert J Amoruso
Date: 2018.02.05 11:40:29 -05'00'

PTC PRODUCT DESIGN GROUP, LLC
P.O. BOX 520775
Longwood, FL 32752-0775
FBPE Cert. of Auth. No. 25935

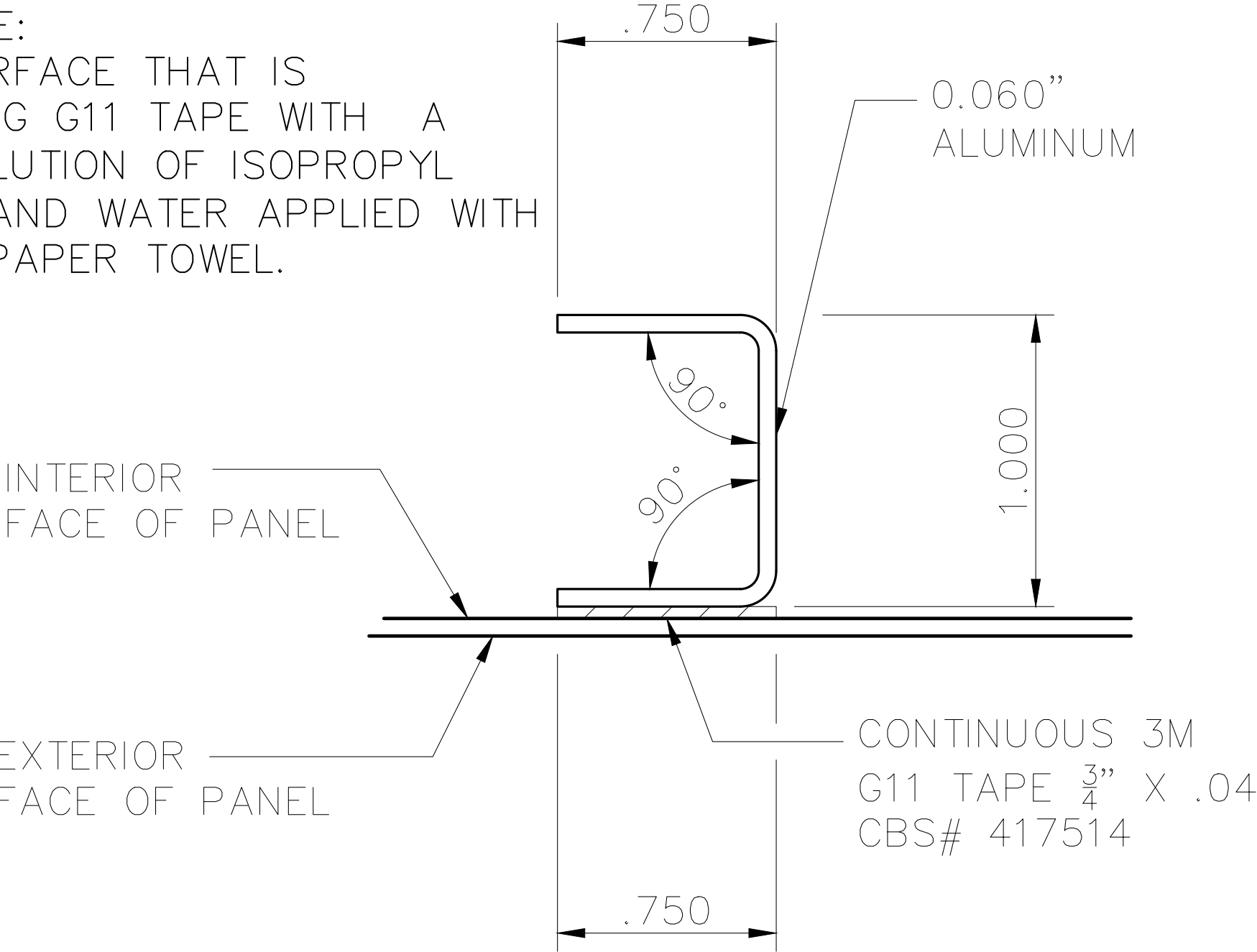


1005 BEAVER GRADE ROAD MOON TWP., PA 15108-2944
PHONE: (412) 299-8000 FAX: (412) 299-8317

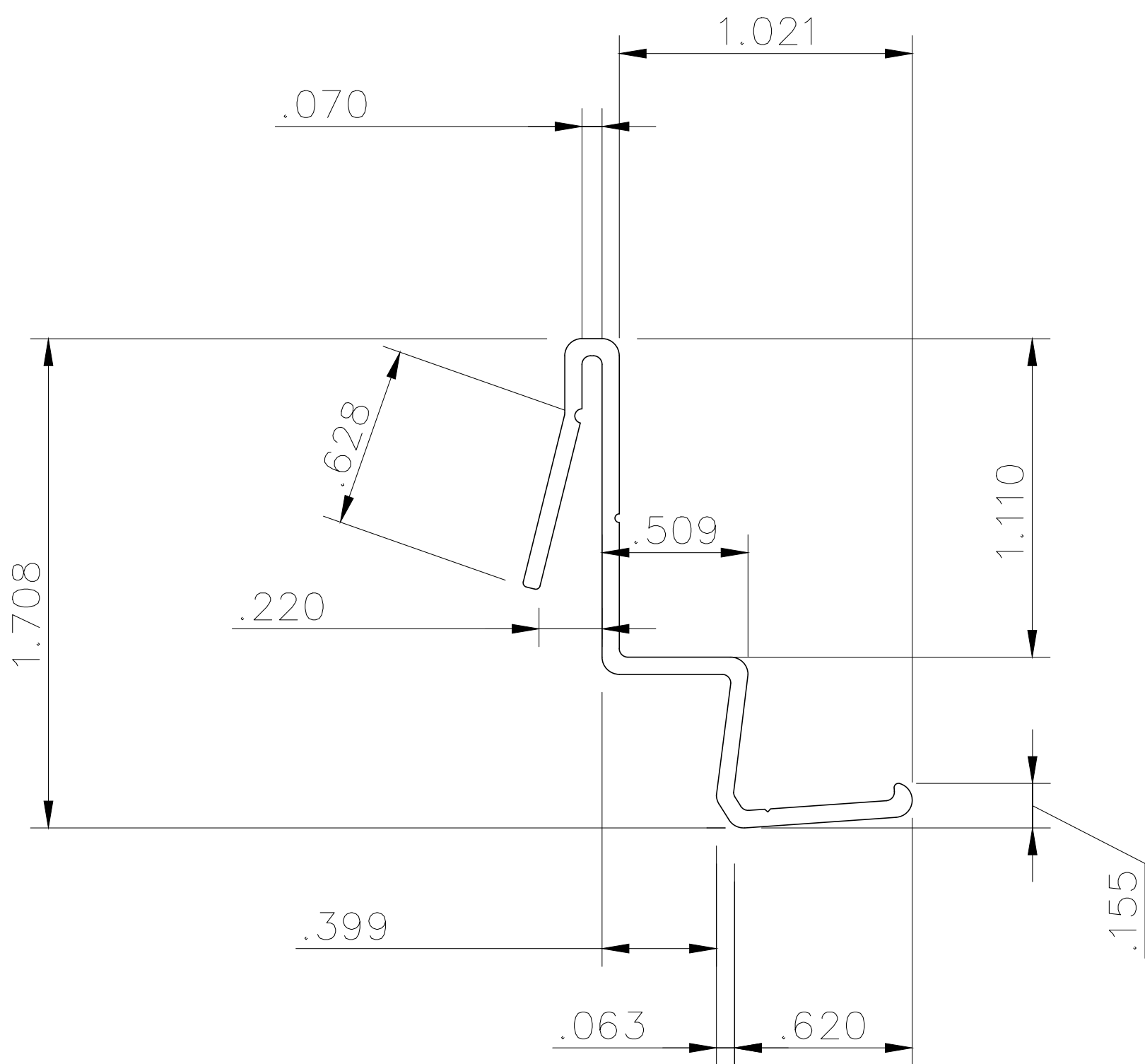
FLORIDA PRODUCT APPROVAL				DRAWING No.			
				IR16			
				SHEET No.			
				5 of 6			
				ISSUE			
				1			
1	FOR FLORIDA PRODUCT APPROVAL	MJK	12/14/17				
ISSUE	DESCRIPTION	BY	DATE				

FLORIDA PRODUCT APPROVAL				BY	DATE	DRAWING No.	
CUSTOMER:				DRAWN	GDP	12/14/17	
OWNER:				CHECKED	MJK	12/14/17	
PROJECT:				SECTION MANAGER			
LOCATION:							

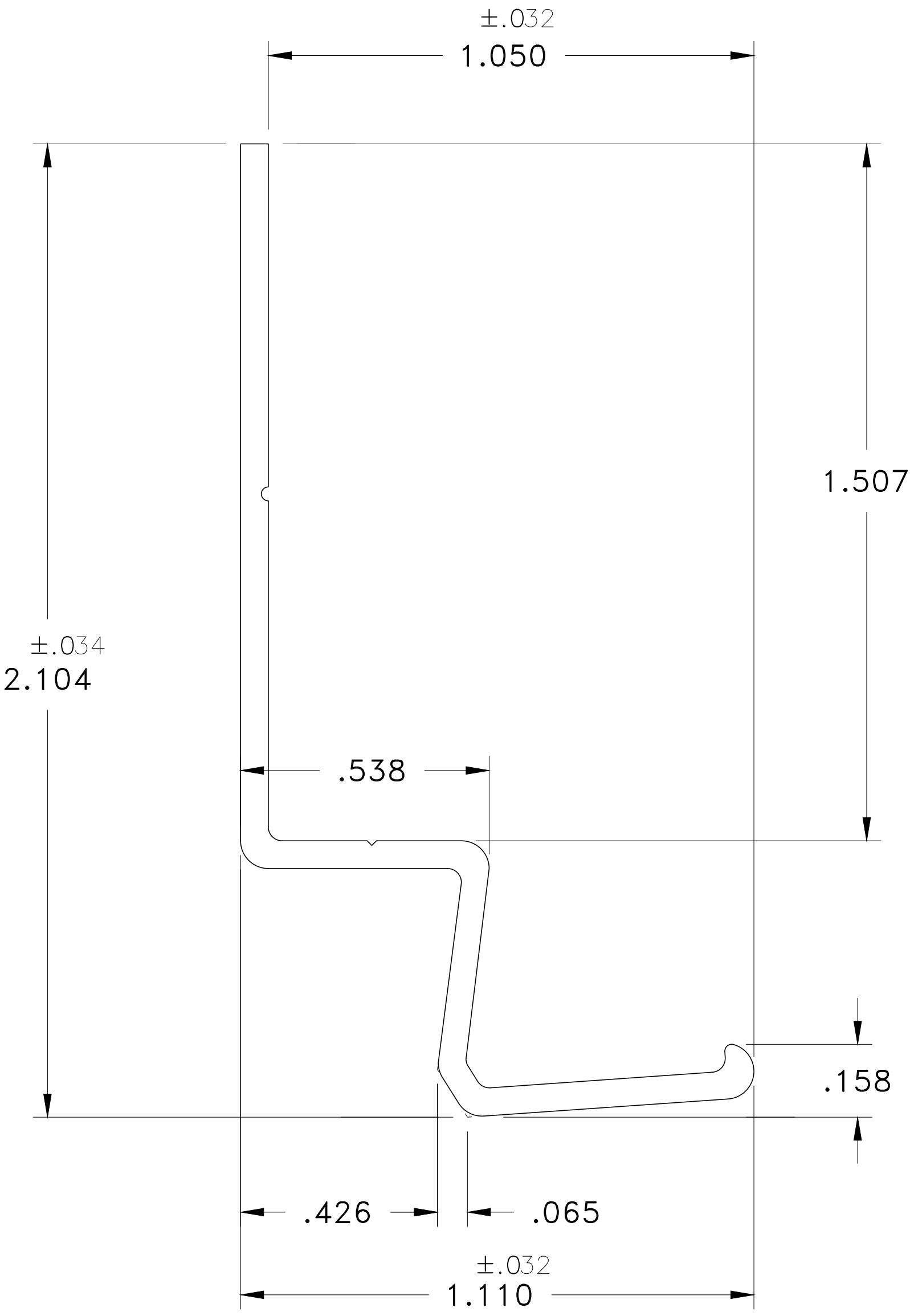
SHOP NOTE:
CLEAN SURFACE THAT IS
CONTACTING G11 TAPE WITH A
50/50 SOLUTION OF ISOPROPYL
ALCOHOL AND WATER APPLIED WITH
A CLEAN PAPER TOWEL.



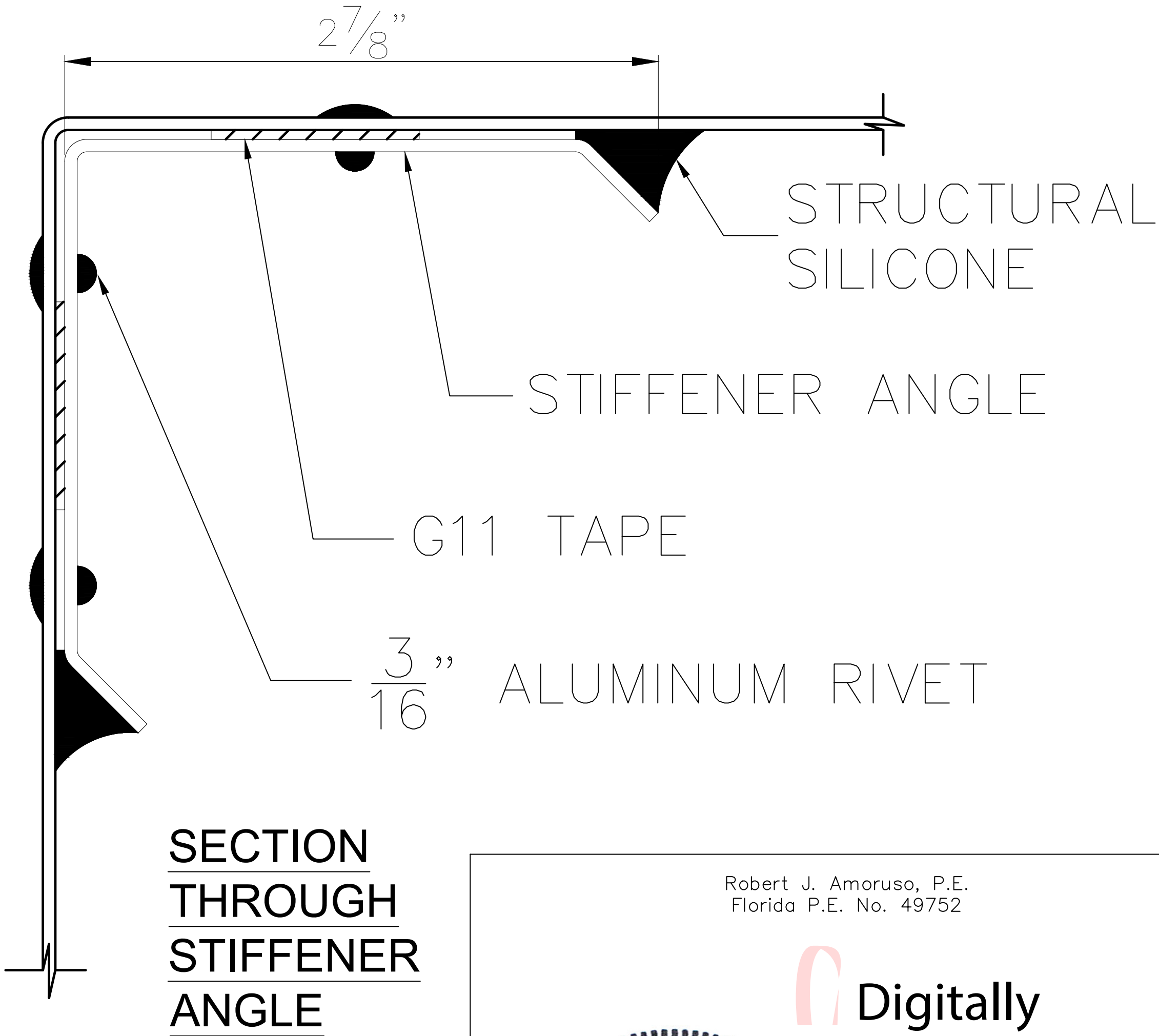
STIFFENER



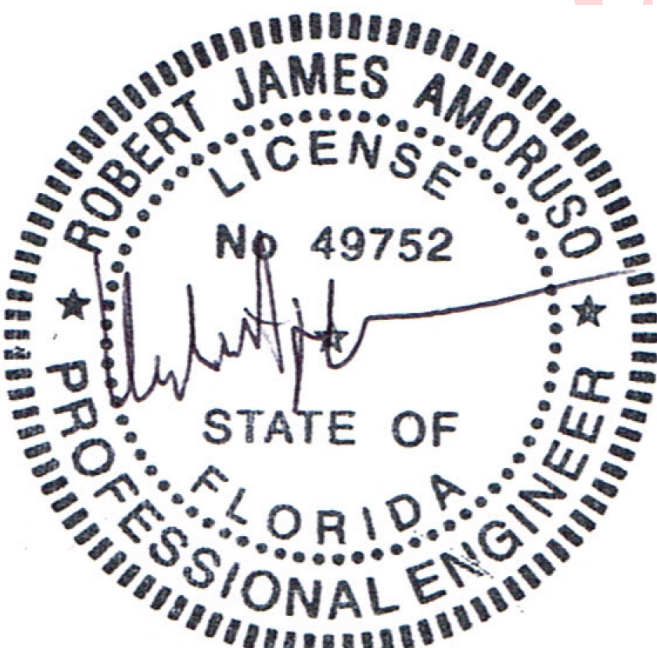
NO EXPOSED SURFACES
PANEL TRACK EXTRUSION
P-T



NO EXPOSED SURFACES
STARTER TRACK EXTRUSION



SECTION
THROUGH
STIFFENER
ANGLE



Digitally
signed by
Robert J
Amoruso
Date:
2018.02.05
11:40:41 -05'00'

PTC PRODUCT DESIGN GROUP, LLC
P.O. BOX 520775
Longwood, FL 37252-0775
FBPE Cert. of Auth. No. 25935



CENTRIA

1005 BEAVER GRADE ROAD MOON TWP., PA 15108-2944
PHONE: (412) 299-8000 FAX: (412) 299-8317

				FLORIDA PRODUCT APPROVAL					BY	DATE	DRAWING No.	
				CUSTOMER:				DRAWN	GDP	12/14/17	IR16	
				OWNER:				CHECKED	MJK	12/14/17	SHEET No.	
				PROJECT:				SECTION MANAGER			6 of 6	
				LOCATION:							1	
1	FOR FLORIDA PRODUCT APPROVAL	MJK	12/14/17									
ISSUE	DESCRIPTION	BY	DATE									