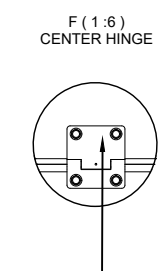
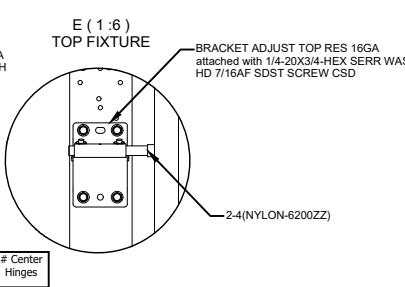
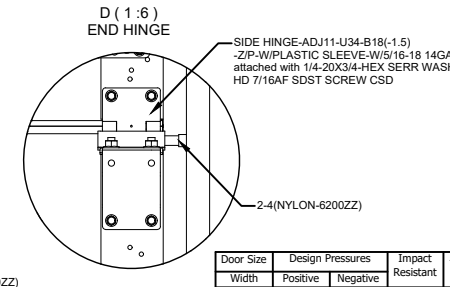
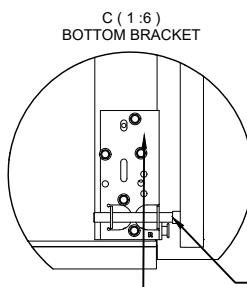
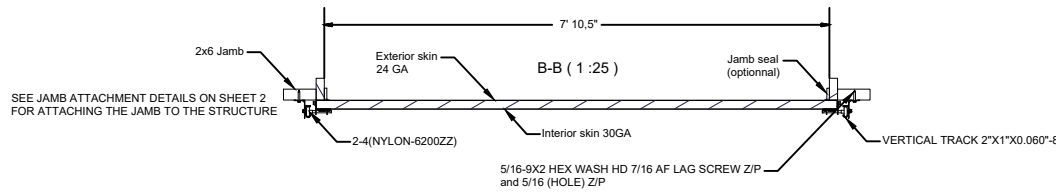
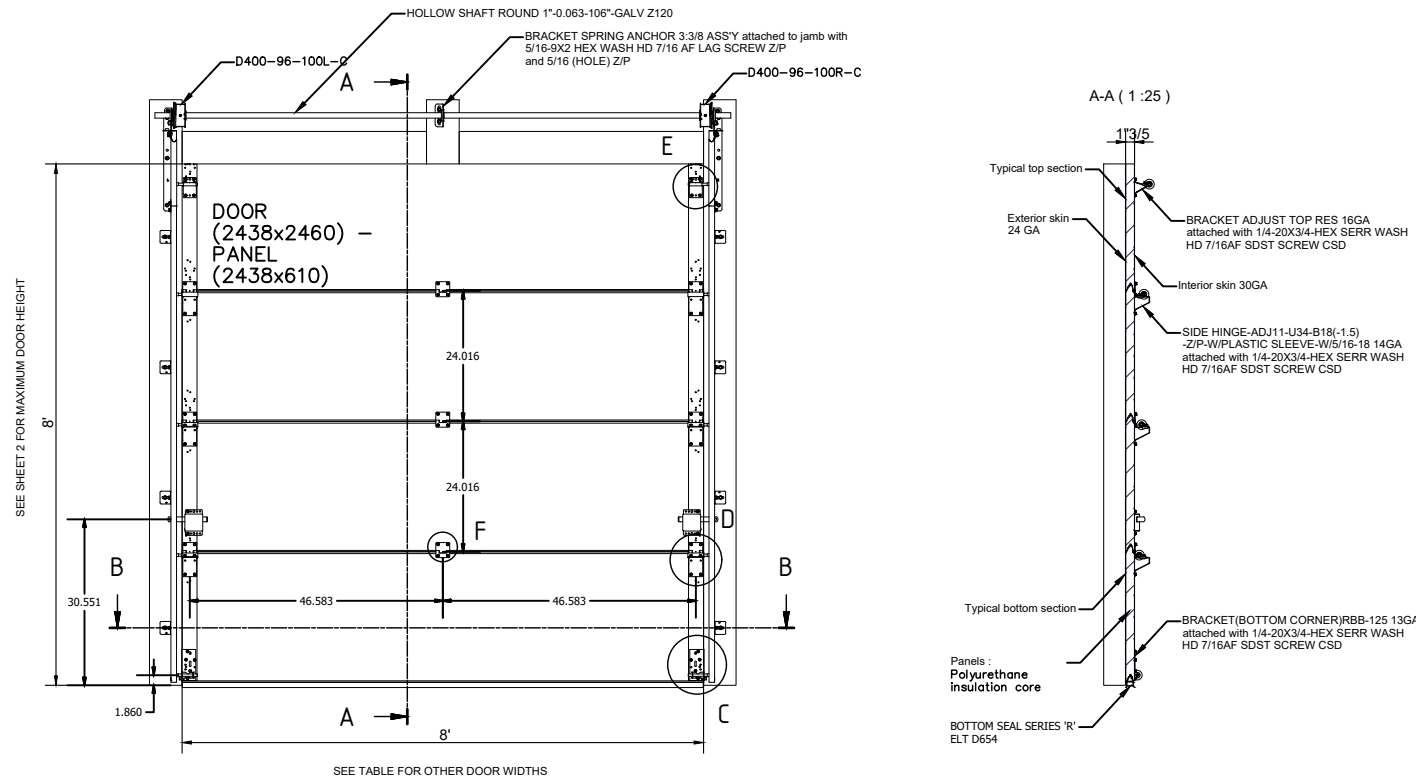


WL 8x8 No strut

NOTES:

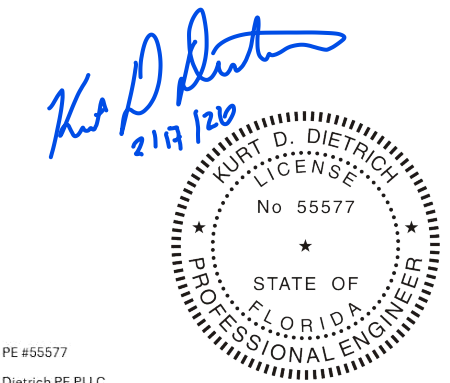
- DOORS SHOWN ON THIS DRAWING HAVEN BEEN DEMONSTRATED TO WITHSTAND THE PRESSURES LISTED IN THE TABLE VIA TESTING TO DASMA 108-2017 AND RATIONAL ANALYSIS.
- DOORS HAVE BEEN IMPACT TESTED ACCORDING TO DASMA 115-2017. SEE TABLE FOR IMPACT RATING.
- THIS PRODUCT IS DESIGNED AND SOLD BY PSF. THE AHJ OR ENGINEER OF RECORD IS RESPONSIBLE FOR DETERMINING THE PSF REQUIRED FOR ANY GIVEN SITE.
- PROFESSIONAL ENGINEER SEAL PROVIDED ONLY FOR VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.



Door Size	Design Pressures	Impact Resistant	# Center Hinges
Width	Positive	Negative	
8'-0"	28.5	-33.8	Yes 1
8'-0"	33.0	-39.3	No 1
8'-2"	31.6	-37.7	No 1
9'-0"	26.1	-31.1	No 1
9'-2"	25.1	-29.9	No 1
10'-0"	21.1	-25.2	No 1
10'-2"	20.4	-24.3	No 1
12'-0"	14.7	-17.5	No 2
12'-2"	14.3	-17.0	No 2

CENTER HINGE-U34-B18(-1.5) Z/P 14GA attached with 1/4-20X3/4-HEX SERR WASH HD 7/16AF SDST SCREW CSD

THE LOCATION OF INTERMEDIATE HINGES ARE INDICATED BY THE DIMPLE OR PILOT HOLES



Kurt Dietrich PE, Florida PE #55577

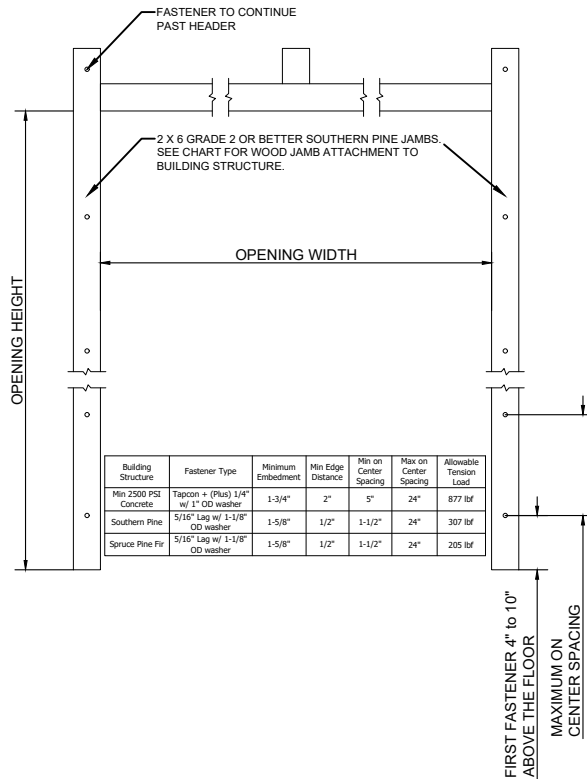
Signed on behalf of Kurt Dietrich PE PLLC

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies

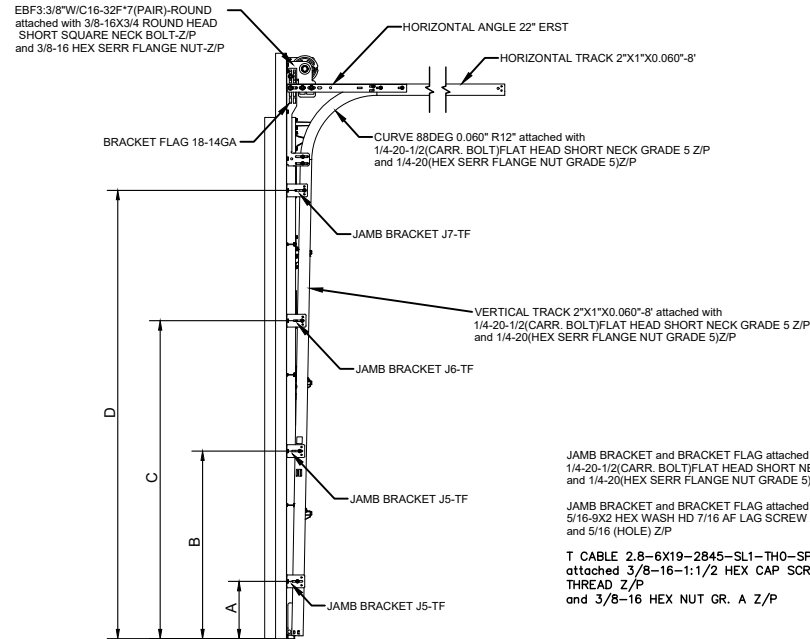
SCALE: 1/25	Roughness 3.2	PROJ.	UNIT: inch	TOLERANCE
MATERIAL				
TREATMENT				
DESCRIPTION: R SERIES DOORS 8X8 No Strut	DRAWING NUMBER: T1001	Sheet size: A3		
SHEET NUMBER: 1 of 4	REVISION NUMBER:	1		
AUTHOR:	DATE: 11-02-26	repanels		This design is the property of Repanels, and contains confidential information. All rights strictly reserved. Reproduction, use for production purposes, even from a third party, even in another form, is not permitted without written authorization from the owner.
MASS: N/A		LIN. MASS: kg/m	VOLUME: mm³	SURFACE: mm²

NOTES:

- JAMB BRACKET QUANTITIES SHOWN ARE FOR USE WITH THE GRADE 2 OR BETTER SOUTHERN PINE JAMBS.
- SUPPORTING STRUCTURAL ELEMENTS ARE TO BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR SPECIFIC WIND LOADS.
- R15" CURVED TRACK AVAILABLE
- TRACK BRACKET SPACING ABOVE 10" SHOULD BE EVERY 24"
- MAXIMUM SECTION HEIGHT IS 24 IN
- MAXIMUM DOOR HEIGHT IS 16 FT



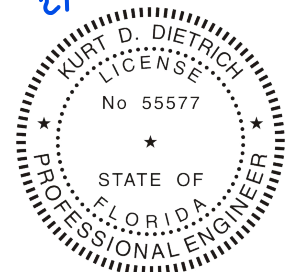
Standard lift track configuration



Approx. track attachment relative to the floor				
Door height	A	B	C	D
7'	10"	34"	58"	-
8'	10"	34"	58"	82"

SEE NOTES FOR MAXIMUM SPACING FOR DOOR GREATER THAN 8'

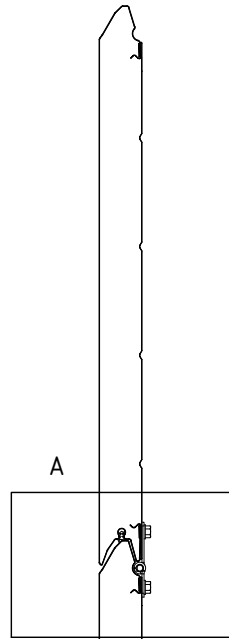
Kurt D. Dietrich
2/17/26



SCALE: 1/25	Roughness 3.2	PROJ.: 	UNIT: inch	TOLERANCE
MATERIAL				
TREATMENT				
DESCRIPTION R SERIES DOORS 8x8 No Strut	DRAWING NUMBER T1001	Sheet size: A3		
SHEET NUMBER 2 of 4	REVISION NUMBER	1		
AUTHOR	DATE 11-02-26		This design is the property of Repanels, and contains confidential information. All rights strictly reserved. Reproduction, use for production purposes, even from a third party, even in another form, is not permitted without written authorization from the owner.	LIN. MASS kg/m
DATE	MASS N/A		VOLUME mm³	
			SURFACE mm²	

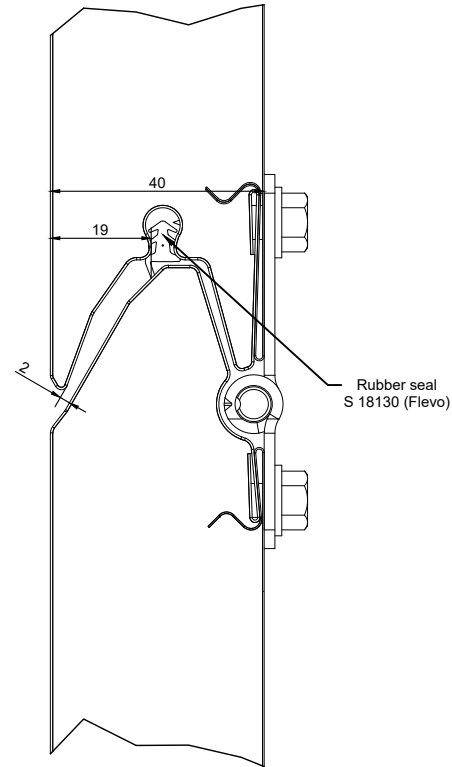
R series
panels

A (1:1)



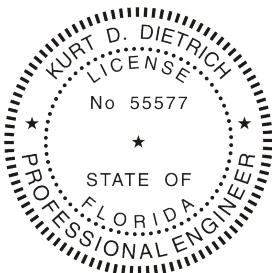
A

R panel
joint



R panel
joint

Handwritten signature
2/13/26

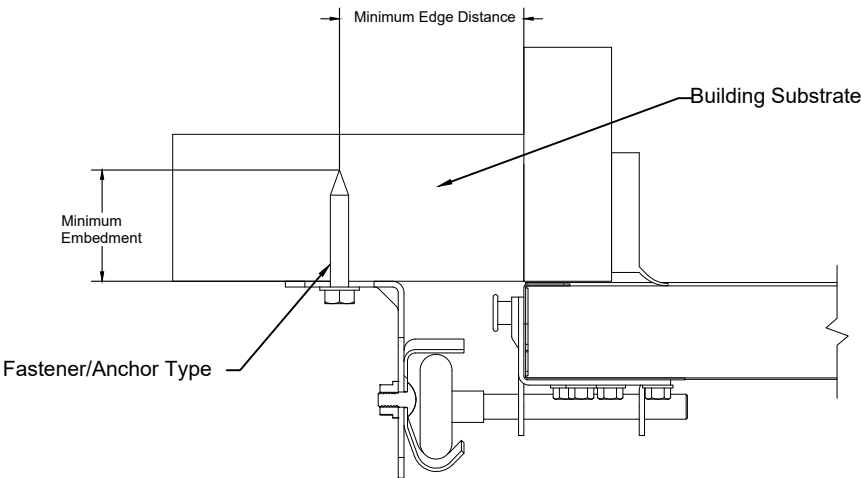


SCALE: 1/5		Roughness 3.2		PROJ.: 		UNIT: mm		TOLERANCE			
MATERIAL											
TREATMENT											
DESCRIPTION		R SERIES DOORS 8x8 No Strut				DRAWING NUMBER		T1001		Sheet size: A3	
SHEET NUMBER		3 of 4				REVISION NUMBER		1			
AUTHOR		-						LIN. MASS		kg/m	
DATE		11-02-26						VOLUME		mm³	
MASS		N/A						SURFACE		mm²	

This design is the property of Repanels, and contains confidential information. All rights strictly reserved. Reproduction, use for production purposes, even from a third party, even in another form, is not permitted without written authorization from the owner.

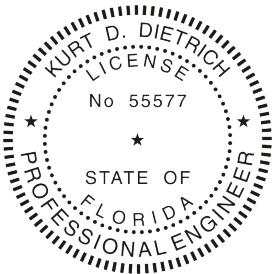
Direct Mounting Detail

Bracket Mount Shown



Building Substrate	Fastener Type	Minimum Embedment	Minimum Fastener Length	Minimum Edge Distance	Minimum On Center Spacing	Track Brackets
Southern Pine (SYP)	5/16" Dia. Lag Screw w/ 1-1/8" OD Flat Washer (ANSI/ASME standard B18.2.1)	-	1-5/8"	1/2"	-	See Sht 2
Spruce Pine Fir (SPF)	5/16" Dia. Lag Screw w/ 1-1/8" OD Flat Washer (ANSI/ASME standard B18.2.1)	-	1-5/8"	1/2"	-	See Sht 2
Min. 2500 PSI Concrete	1/4" Dia. Tapcon+ w/ 1-1/8" OD Flat Washer	1-3/4"	-	2-1/2"	5"	Follow # and spacing for Southern Pine
1/8" Steel Minimum	5/16"-12 Tek Self-Drilling Screw w/ 1-1/8" OD Flat Washer	-	1"	-	-	Follow # and spacing for Southern Pine

Kurt D. Dietrich
2/18/26



SCALE: 1/5	Roughness 3.2/	PROJ.: 	UNIT: mm	TOLERANCE		
MATERIAL						
TREATMENT						
DESCRIPTION	R SERIES DOORS 8x8 No Strut		DRAWING NUMBER	T1001		
					Sheet size A3	
SHEET NUMBER	4 of 4		REVISION NUMBER	1		
AUTHOR			This design is the property of Repanels, and contains confidential information. All rights strictly reserved. Reproduction, use for production purposes, even from a third party, even in another form, is not permitted without written authorization from the owner.		LIN. MASS	kg/m
DATE	11-02-26				VOLUME	mm³
MASS	N/A				SURFACE	mm²

repanels

This design is the property of Repanels, and contains confidential information. All rights strictly reserved. Reproduction, use for production purposes, even from a third party, even in another form, is not permitted without written authorization from the owner.