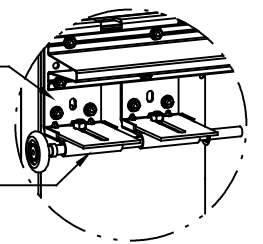




REVISIONS				
ER	REV	DESCRIPTION	DATE	APPROVAL
	C	REV TITLE BLOCK	10/2/2017	ESC
32177	D	ADD MODEL# 7655	11/15/2019	TLC
32442	E	ADDED NYLON ROLLER OPT	8/2/2020	TLC
32442	F	ADDED IRC/IBC NOTE	8/19/2020	TLC

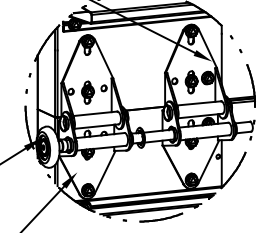
(2) 12 GA COMMERCIAL 'L' FRAME TOP BRACKETS ATTACHED WITH (4) 1/4-20x7/8" SELF DRILLING SCREWS (2 THROUGH STRUT AND TOP BRACKET)



13 GA ROLLER SLIDE ATTACHED TO BRACKET WITH 5/16-18 BOLT & NUT IN THE CENTER SLOT

DETAIL A

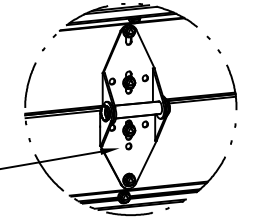
ADD (2) 1/4-14x7/8" SELF DRILLING CRIMP TITE SCREWS (INSIDE OF EACH INSIDE END HINGE)



DETAIL B

2" STEEL ROLLER WITH 9" GRADE 1144 OR EQUIVALENT STEM AND 7/16" PUSH NUT AT EACH ROLLER LOCATION LOCATED BETWEEN THE BRACKET OR HINGE (EXCEPT PUCHNUT LOCATED ON THE TOP AND BOTTOM ROLLER IS LOACED OUTSIDE OF BOTH BRACKETS). 1/4" MAX BETWEEN PUSH NUT AND OUTER HINGE. OPTIONAL NYLON, 10/11-BALL BEARING ROLLER AVAILABLE.

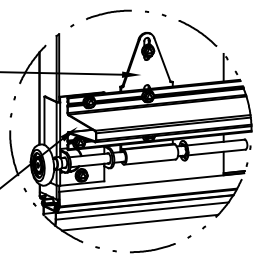
(2) 14 GA WIDE BODY END HINGES EACH ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMP TITE SCREWS



DETAIL C

14 GA WIDE BODY INTERMEDIATE HINGE ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMP TITE SCREWS

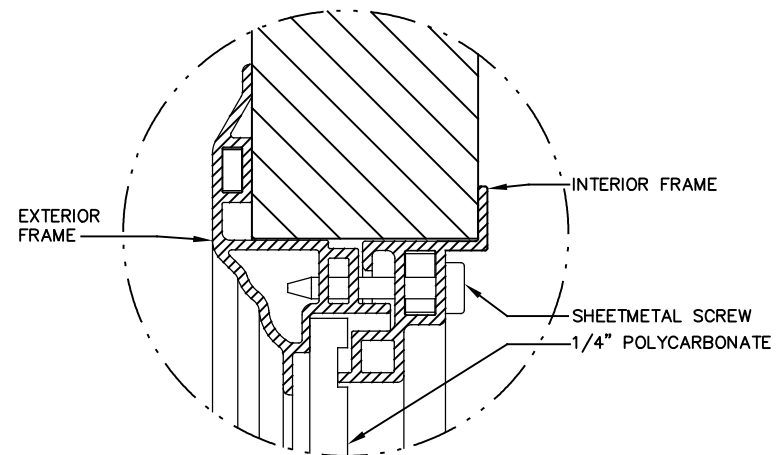
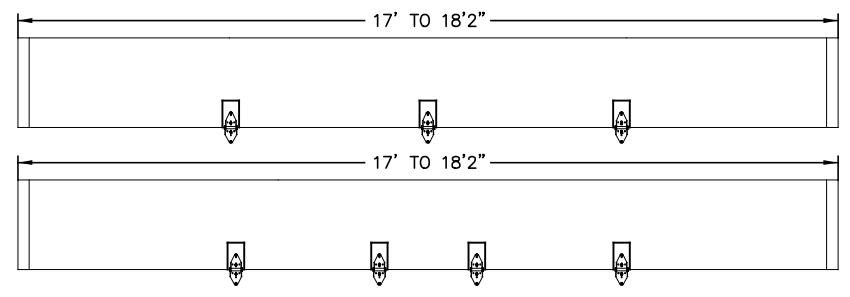
12 GA EXTENSION BRACKET ATTACHED WITH (3) 1/4-14x7/8" SELF DRILLING CRIMP TITE SCREWS (2 THROUGH STRUT AND BRACKET)



DETAIL D

14 GA BOTTOM BRACKET ATTACHED WITH (2) 1/4-14x7/8" SELF DRILLING CRIMP TITE SCREWS THROUGH STRUT AND BOTTOM BRACKET AND (1) 1/4-14x5/8" SELF DRILLING TAMPER RESISTANT SCREW

HINGE & BACKER PLATE LOCATIONS



DETAIL E

ALL U-BARS SHALL BE ATTACHED WITH (2) 1/4-14x7/8" SELF DRILLING CRIMP TITE SCREWS AT EACH HINGE LOCATION AND HALF WAY BETWEEN ALL HINGES. A MINIMUM OF (18) FASTENERS ARE TO BE USED.

(4) SECTION DOORS WITH (5) 3" 18 GA 80 KSI U-BARS LOCATED AS SHOWN

(5) SECTION DOORS WITH (6) 3" 18 GA 80 KSI U-BARS LOCATED AS SHOWN

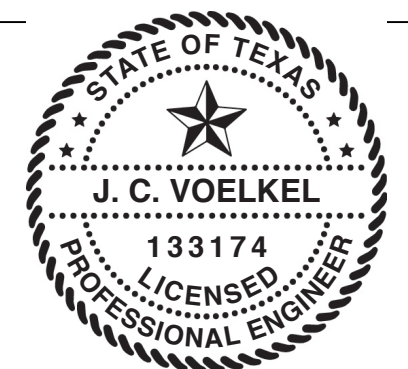
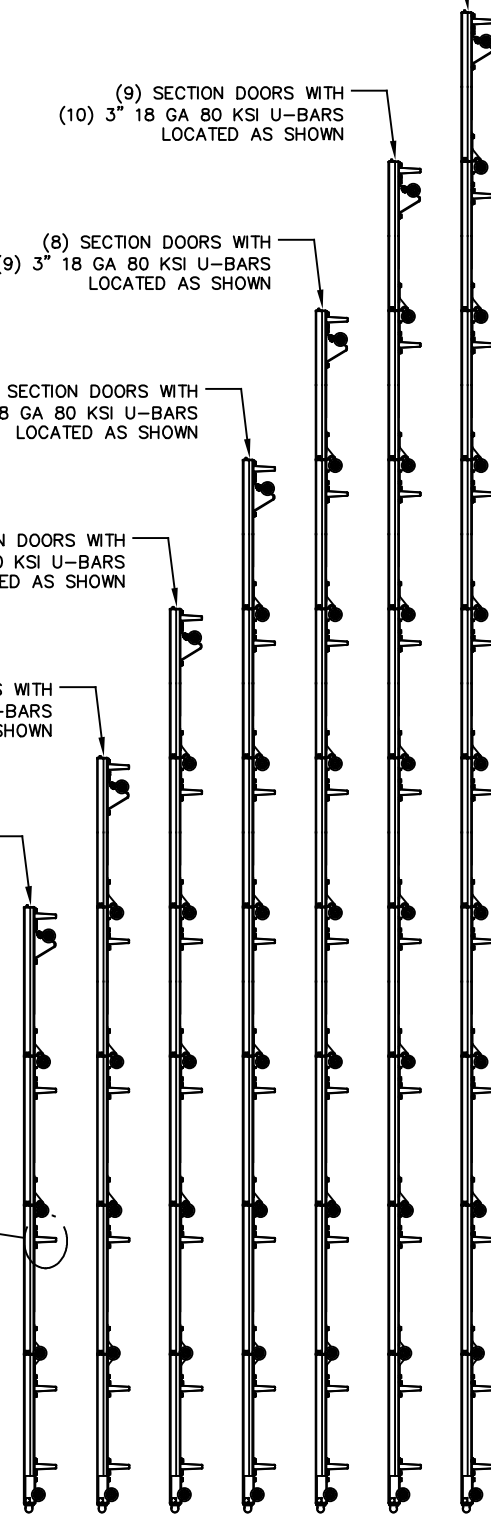
(6) SECTION DOORS WITH (7) 3" 18 GA 80 KSI U-BARS LOCATED AS SHOWN

(7) SECTION DOORS WITH (8) 3" 18 GA 80 KSI U-BARS LOCATED AS SHOWN

(8) SECTION DOORS WITH (9) 3" 18 GA 80 KSI U-BARS LOCATED AS SHOWN

(9) SECTION DOORS WITH (10) 3" 18 GA 80 KSI U-BARS LOCATED AS SHOWN

(10) SECTION DOORS WITH (11) 3" 18 GA 80 KSI U-BARS LOCATED AS SHOWN



J. CHRISTIAN VOELKEL, PE  
312 N. NEW WARRINGTON RD, UNIT 1A  
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TX PE 133174

PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WIND LOAD CONSTRUCTION DETAILS.

THE DOORS ARE DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2018 IRC AND THE 2018 IBC.

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REF DWG	USED ON	 <small>ASME Y14.100 AND Y14.5 APPLY, UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. CUSTOMARY UNITS</small>	TOLERANCES UNLESS OTHERWISE SPECIFIED			FINISH N/A	 <small>THE GENUINE. THE ORIGINAL.</small>	<small>LEWISVILLE, TEXAS</small> NAME G. TAYLOR DATE 10/25/13	DRAWING TITLE: SERIES 5745/5765/7565 7655/515/525	
			HOLE DIAMETER	WHOLE NUMBERS:	± .25				UNIT OF MEASURE EACH	MATERIAL: NONE
			UNDER .251 +.004/- .003	.X	± .1					
			.251 TO .500 +.006/- .003	.XX	± .03					
			OVER .500 +.008/- .003	.XXX	± .010					
			FRACTIONS		± .5*					
			± 1/16							