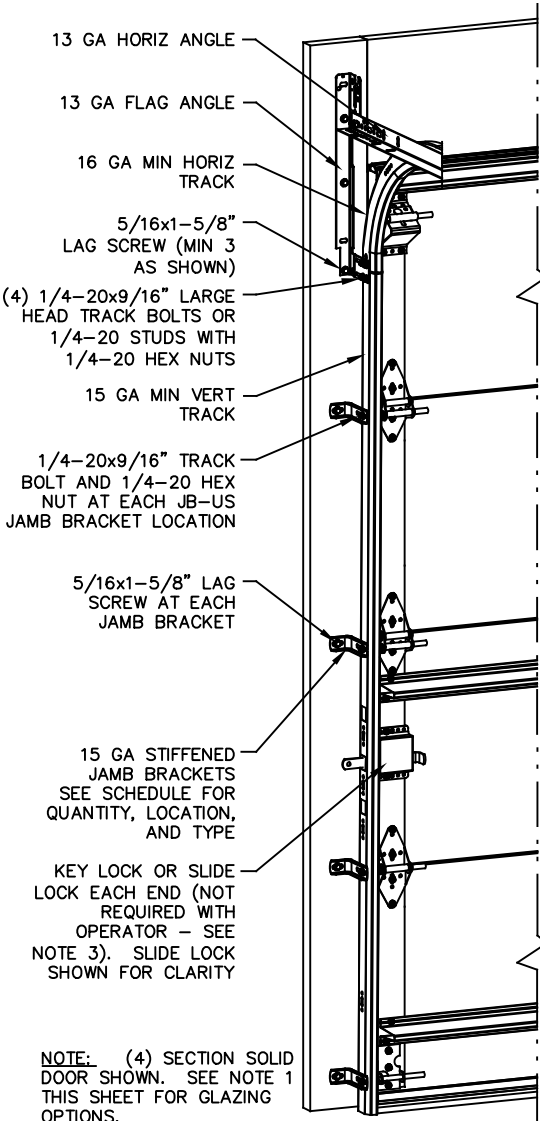


NOTES:
1. NON-IMPACT REISTANT GLAZING OPTION - .090" MINIMUM SSB GLAZING IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (10) #8x1" SCREWS (3X ALONG THE HORIZONTAL AND 2X ALONG THE VERTICAL) INSTALLED IN TOP OR INTERMEDIATE SECTION (WITH OR WITHOUT DECORATIVE INSERTS) MEETS UNIFORM STATIC WIND PRESSURES SHOWN ON THIS DRAWING. MAXIMUM GLAZING DIMENSIONS SHALL BE 15" x 46" CUTOUT. GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.
2. VINYL OR WOOD DOOR STOP NAILED A MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.
3. KEY LOCK, SLIDE LOCKS, OR OPERATOR REQUIRED.
4. LOUVER OPTION - .040" MINIMUM LOUVERS IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (10) #8x1" SCREWS (3X ALONG THE HORIZONTAL AND 2X ALONG THE VERTICAL) INSTALLED IN THE BOTTOM SECTION. MAXIMUM LOUVER DIMENSIONS SHALL BE 15" x 19" CUTOUT. LOUVERS ARE NOT IMPACT RESISTANT AND DO NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.
5. FACER STEEL TO HAVE A MINIMUM 27 GA THICKNESS AND BACKER STEEL TO HAVE A MINIMUM 29 GA THICKNESS.
6. A 4-1/2" x 6" x 22 GA BACKER PLATE IS TO BE LOCATED AT EVERY INTERMEDIATE AND OUTER END HINGE LOCATION.
7. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.
8. DOOR JAMB TO BE MINIMUM 2x4 STRUCTURAL GRADE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.
9. FOR LOW HEAD ROOM LIFT CONDITIONS, TOP BRACKET SHALL BE A 13 GA LHR 7/4 TOP BRACKET WITH A MINIMUM OF (3) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS IN LIEU OF THE BRACKET SHOWN ON THIS DRAWING. U-BAR ON TOP SECTION SHALL BE INSTALLED ON TOP OF LHR TOP BRACKETS.



SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE		
DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
17'-2"	ALL	+106.4/-118.5
18'-2"	ALL	+112.6/-125.4

NOTE:
(JB-US) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT AS SHOWN ABOVE.
ALL DOORS GREATER THAN 8' IN HEIGHT REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SUPPLEMENT TRACK CHART FOR DETAILS.

JAMB BRACKET SCHEDULE			
DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
6'-6"	4	4	2" (JB-US), 21-3/4" (JB-US), 48" (JB-US), 57-1/4" (JB-US)
7'-0"	4	4	2" (JB-US), 21-3/4" (JB-US), 42" (JB-US), 63-1/4" (JB-US)
7'-6"	4 OR 5	4	2" (JB-US), 26-3/4" (JB-US), 45" (JB-US), 74-1/2" (JB-US)
8'-0"	4 OR 5	4	2" (JB-US), 21-3/4" (JB-US), 48" (JB-US), 75-1/2" (JB-US)
≥ 8'-0"			SEE NOTE BELOW

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REF DWG

USED ON

ASME Y14.100 AND Y14.5 APPLY, UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. CUSTOMARY UNITS.

HOLE DIAMETER

UNDER .251 +.004/--.003

.251 TO .500 +.006/--.003

OVER .500 +.008/--.003

FRACTIONS

± 1/16

WHOLE NUMBERS:

.X ± .1

.XX ± .03

.XXX ± .010

ANGLES:

± .5°

FINISH

N/A

UNIT OF MEASURE

EACH

The Genuine. The Original.

MATERIAL:

NONE

NAME

G. TAYLOR

CHECKED BY:

APPROVED BY:

DATE

10/25/13

DRAWING TITLE:

SERIES 5745/5765/7565

7655/515/525

DRAWING NUMBER

D- 411326

SCALE:

N.T.S.

SHEET 1 OF 2

LEWISVILLE, TEXAS

J. CHRISTIAN VOELKEL, PE

312 N. NEW WARRINGTON RD, UNIT 1A

PENSACOLA, FL

FL PE 82229

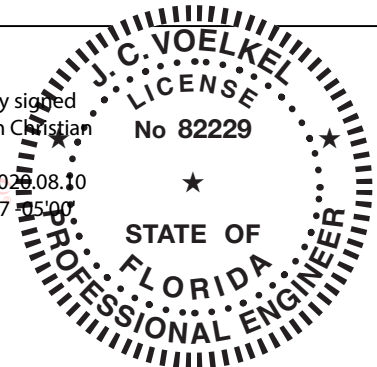
TX PE 133174

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

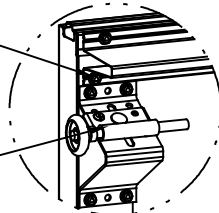
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ER	REV	DESCRIPTION	DATE	APPROVAL
	B	UPDATED GLAZING	6/03/14	GRT
	C	REV TITLE BLOCK	10/2/2017	ESC
32177	D	ADD MODEL# 7655	11/15/2019	TLC
32442	E	ADDED NYLON ROLLER OPT	8/2/2020	TLC

STATIC PRESSURE RATINGS	APPROVED SIZES
DESIGN PRESSURE(PSF): +12.4/-13.8	MAX WIDTH: 18'-2"
	MAX HEIGHT: 24'
IMPACT/CYCLIC RATED: NO	MAX SECTION HEIGHT: 24'

John Christian Voelkel
Digitally signed by John Christian Voelkel
Date: 2025.08.10 15:47:17 -0500

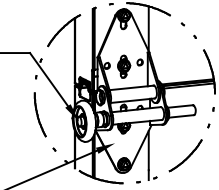


D



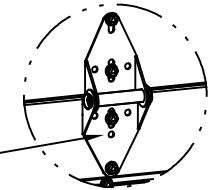
DETAIL A

C



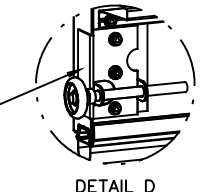
DETAIL B

B



DETAIL C

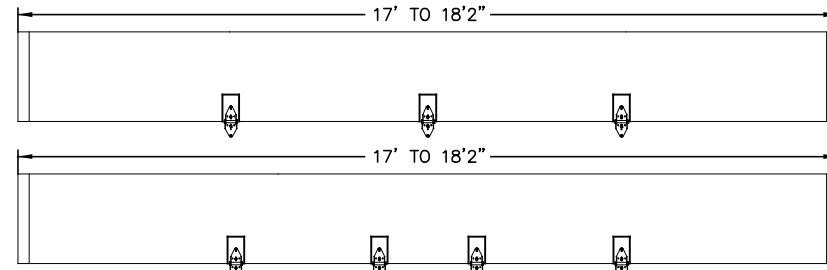
A



DETAIL D

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

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



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

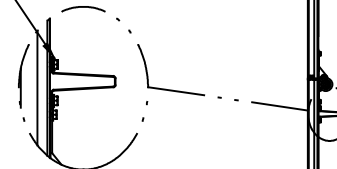
(4) 3" 18 GA 80 KSI U-BARS
(6) SECTION DOORS WITH
LOCATED AS SHOWN

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

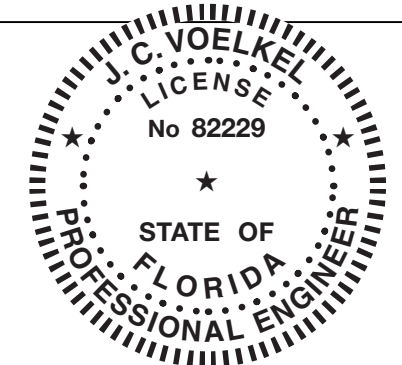
(5) 3" 18 GA 80 KSI U-BARS
(7) SECTION DOORS WITH
LOCATED AS SHOWN

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

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

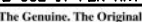


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		 THIRD ANGLE PROJECTION	TOLERANCES UNLESS OTHERWISE SPECIFIED			FINISH	The Genuine. The Original.  LEWISVILLE, TEXAS	NAME	DATE	DRAWING TITLE: SERIES 5745/5765/7565 7655/515/525	
			HOLE DIAMETER	WHOLE NUMBERS: ± .25 .X ± .1 .XXX ± .010 ANGLES: ± .5°	UNIT OF MEASURE	MATERIAL:		D- 411326			
			UNDER .251 +.004/- .003 .251 TO .500 +.006/- .003 OVER .500 +.008/- .003						DRAWN BY: G. TAYLOR		10/25/13
			FRACTIONS ± 1/16								
REF DWG	USED ON	ASME Y14.100 AND Y14.5 APPLY, UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. CUSTOMARY UNITS.			EACH	NONE	APPROVED BY:				
										SCALE: N.T.S.	SHEET 2 OF 2