

1. IMPACT RESISTANT GLAZING OPTION – IMPACT RESISTANT GLAZING SYSTEM MAY BE INSTALLED IN TOP OR INTERMEDIATE SECTION (WITH OR WITHOUT DECORATIVE INSERTS). GLAZING SHALL BE 1/4" POLYCARBONATE. MAXIMUM GLAZING DIMENSIONS SHALL BE 14" x 46" CUTOUT, FASTENED WITH A MINIMUM #8 X 1" SMS: 3X ALONG THE HORIZONTAL AND 3X ALONG THE VERTICAL. SEE DETAIL E ON SHEET 2 FOR ASSEMBLY DETAILS.

3. 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.

5. 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.

7. A 4-1/2" x 6" x 22 GA BACKER PLATE IS TO BE LOCATED AT EVERY INTERMEDIATE AND OUTER END HINGE LOCATION.

9. DOOR JAMB TO BE MINIMUM 2x4 STRUCTURAL GRADE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.

13 GA HORIZ ANGLE

13 GA FLAG ANGLE

16 GA MIN HORIZ TRACK

5/16x1-5/8"
LAG SCREW (MIN 4
AS SHOWN)

(4) 1/4-20x9/16" LARGE
HEAD TRACK BOLTS OR
1/4-20 STUDS WITH
1/4-20 HEX NUTS

15 GA MIN VERT
TRACK

1/4-20x9/16" TRACK
BOLT AND 1/4-20 HEX
NUT AT EACH JB-US
JAMB BRACKET LOCATION

5/16x1-5/8" LAG
SCREW AT EACH
JAMB BRACKET

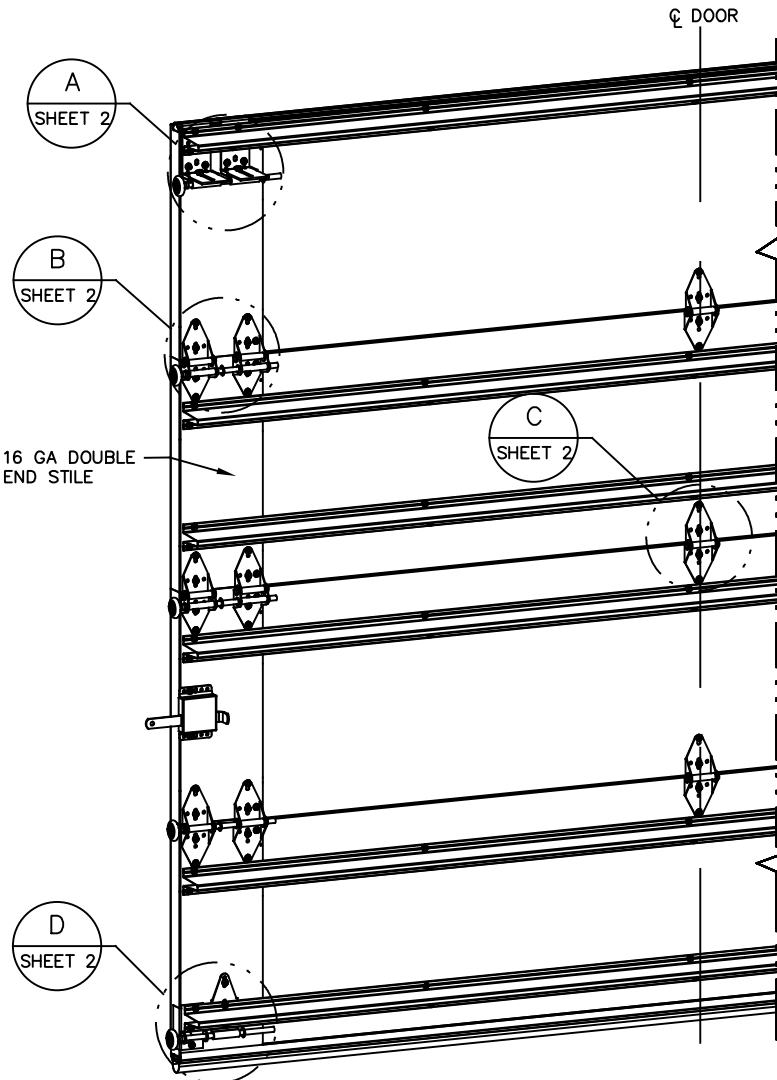
15 GA STIFFENED
JAMB BRACKETS
SEE SCHEDULE FOR
QUANTITY, LOCATION,
AND TYPE

KEY LOCK OR SLIDE LOCK
BOTH ENDS (NOT
REQUIRED WITH OPERATOR
— SEE NOTE 4). SLIDE
LOCK SHOWN FOR CLARITY

NOTE: (4) SECTION SOLID
DOOR SHOWN. SEE NOTES
1 & 2 THIS SHEET FOR
CLARIFICATION.

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	7	2" (JB-US), 10" (JB-US), 21-3/4" (JB-US), 29-3/4" (JB-US), 39" (JB-US), 48" (JB-US), 57-1/4" (JB-US)	
7'-0"	4	7	2" (JB-US), 10" (JB-US), 21-3/4" (JB-US), 29-3/4" (JB-US), 42" (JB-US), 52-1/2" (JB-US), 63-1/4" (JB-US)	
7'-6"	4 OR 5	8	2" (JB-US), 10" (JB-US), 18-3/4" (JB-US), 26-3/4" (JB-US), 36" (JB-US), 45" (JB-US), 54-1/4" (JB-US), 74-1/2" (JB-US)	
8'-0"	4 OR 5	8	2" (JB-US), 10" (JB-US), 21-3/4" (JB-US), 29-3/4" (JB-US), 39" (JB-US), 48" (JB-US), 57-1/2" (JB-US), 75-1/2" (JB-US)	
> 8'-0"			SEE NOTE BELOW	

ALL DOORS GREATER THAN 8' IN HEIGHT REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SUPPLEMENT TRACK CHART FOR DETAILS.

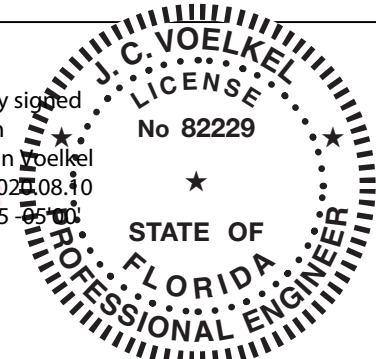


REVISIONS				
ER	REV	DESCRIPTION	DATE	APPROVAL
	B	UPDATED GLAZING	6/03/14	GRT
	C	REV TITLE BLOCK	10/2/2017	ESC
32177	D	ADDED MODEL # 7655	11/17/19	TLC
32442	E	ADDED NYLON ROLLER OPT	8/5/20	TLC

STATIC PRESSURE RATINGS	APPROVED SIZES
DESIGN PRESSURE(PSF): +46.0/−52.0	MAX WIDTH: 9'–2"
	MAX HEIGHT: 24'
IMPACT/CYCLIC RATED: YES	MAX SECTION HEIGHT: 24"

John
Christian
Voelkel

Digitally signed
by John
Christian Voelkel
Date: 2024.08.10
15:41:15 -0500



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

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			TOLERANCES UNLESS OTHERWISE SPECIFIED	FINISH	The Genuine. The Original.	NAME	DATE	DRAWING TITLE:					
			HOLE DIAMETER	WHOLE NUMBERS:		LEWISVILLE, TEXAS	DRAWN BY:	SERIES 5745/5765/7565					
			UNDER .251 +.004/- .003	± .25			10/25/13	7655/515/525					
			.251 TO .500 +.006/- .003	.X ± .1									
			OVER .500 +.008/- .003	.XX ± .03									
		ASME Y14.100 AND Y14.5 APPLY, UNLESS OTHERWISE SPECIFIED. DIMENSIONS ARE IN U.S. CUSTOMARY UNITS.	FRACTIONS	.XXX ± .010	UNIT OF MEASURE		CHECKED BY:	DRAWING NUMBER					
			± 1/16	ANGLES: ± .5°	EACH	NONE	APPROVED BY:	D- 411319					
REF DWG	USED ON							SCALE: N.T.S. SHEET 1 OF 2					

(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

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

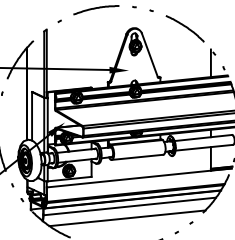
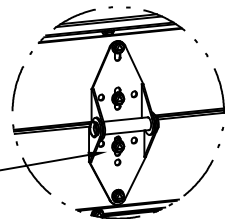
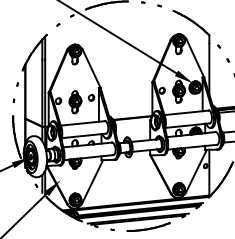
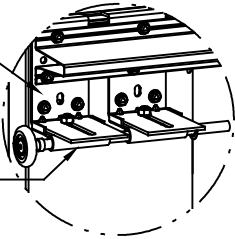
2" STEEL ROLLER WITH 9" GRADE
1144 OR EQUIVALENT STEM AND
7/16" PUSH NUT AT EACH ROLLER
LOCATION LOCATED BETWEEN THE
BRACKET OR HINGE (EXCEPT
PUSHNUT LOCATED ON THE TOP
AND BOTTOM ROLLER IS LOACED
OUTSIDE OF BOTH BRACKETS). 1/4"
MAX BETWEEN PUSH NUT AND
OUTER HINGE. OPTIONAL NYLON,
10/11-BALL BEARING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

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

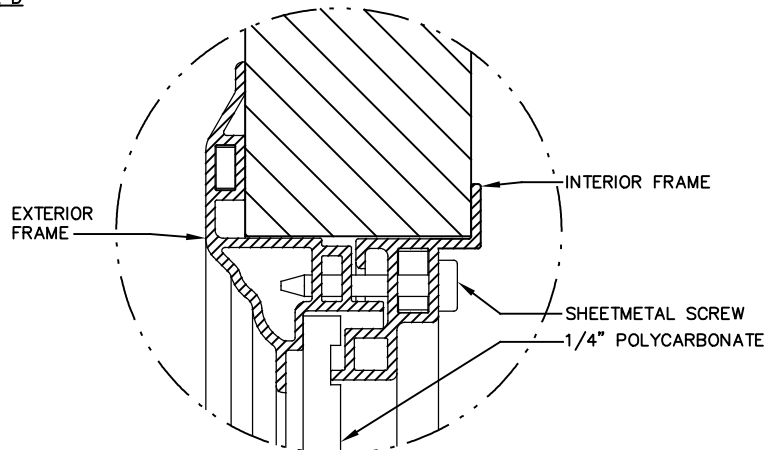
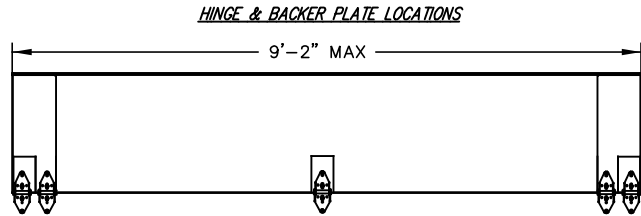
14 GA WIDE BODY
INTERMEDIATE HINGE
ATTACHED WITH (4)
1/4-14x7/8" SELF DRILLING
CRIMPTITE SCREWS

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

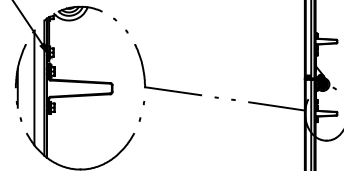
14 GA BOTTOM BRACKET
ATTACHED WITH (2)
1/4-14x7/8" SELF DRILLING
CRIMPTITE SCREWS THROUGH
STRUT AND BOTTOM BRACKET
AND (1) 1/4-14x5/8" SELF
DRILLING TAMPER RESISTANT
SCREW



NOTE: IF 3" TRACK IS USED, THEN END
HINGES TO BE 11 GA MODIFIED HINGES.
ROLLERS TO BE 3" STEEL ROLLERS WITH
9/16" DIA. X 9" LONG SHAFT AT ALL
LOCATIONS EXCEPT TOP AND BOTTOM.
TOP AND BOTTOM ROLLERS TO BE 3"
STEEL ROLLERS WITH 7/16" DIA. X 9"
LONG SHAFT. PUSH NUTS ONLY USED
AT TOP AND BOTTOM ROLLER
LOCATIONS.



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
(10) FASTENERS ARE TO BE USED.



(4) SECTION DOORS WITH
(6) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(5) SECTION DOORS WITH
(8) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(6) SECTION DOORS WITH
(9) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

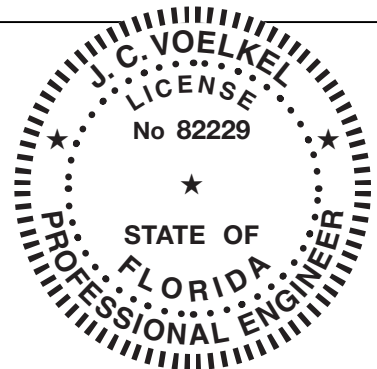
(7) SECTION DOORS WITH
(11) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(8) SECTION DOORS WITH
(12) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(9) SECTION DOORS WITH
(14) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(10) SECTION DOORS WITH
(15) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

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32177	D	ADDED MODEL# 7655	11/17/19	TLC
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TX PE 133174

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TOLERANCES UNLESS OTHERWISE SPECIFIED		FINISH		The Genuine. The Original.		NAME		DATE	
HOLE DIAMETER		N/A		OVERHEAD DOOR		G. TAYLOR		10/25/13	
UNDER .251 +.004/--.003		WHOLE NUMBERS: ± .25		LEWISVILLE, TEXAS		CHECKED BY:		DRAWING TITLE:	
.251 TO .500 +.006/--.003		.X ± .1		MATERIAL:		APPROVED BY:		SERIES 5745/5765/7565	
OVER .500 +.008/--.003		.XX ± .03		NONE				7655/515/525	
FRACTIONS		.XXX ± .010						DRAWING NUMBER	
± 1/16		ANGLES: ± .5°						D- 411319	
REF DWG	USED ON	UNIT OF MEASURE						SCALE: N.T.S.	
		EACH						SHEET 2 OF 2	