

1. IMPACT RESISTANT GLAZING OPTION - IMPACT RESISTANT GLAZING SYSTEM MAY BE INSTALLED IN ANY OR ALL SECTIONS. GLAZING SHALL BE 1/4" GROOVED POLYCARBONATE. ALUMINUM FRAMES ASSEMBLED WITH (16) SCREWS. MAXIMUM CLEAR OPENING OF 40" X 12-3/4", FASTENED WITH A MINIMUM #8 X 1" SMS: 5X ALONG THE HORIZONTAL AND 3X ALONG THE VERTICAL SEE DETAIL E ON SHEET 2 FOR ASSEMBLY DETAILS.

2. NON-IMPACT RESISTANT GLAZING OPTION -
3/32" MINIMUM SSB ANNEALED GLAZING IN MOLDED FRAMES
SCREWED TOGETHER WITH A MINIMUM OF (14) #8x1" SCREWS
(2X ALONG THE VERTICAL AND 5X ALONG THE HORIZONTAL)
INSTALLED IN ANY OR ALL SECTIONS MEETS UNIFORM STATIC
WIND PRESSURES SHOWN ON THIS DRAWING. MAXIMUM GLAZING
DIMENSIONS SHALL BE 38.5" x 13" CLEAR OPENING. GLASS IS
NOT IMPACT RESISTANT AND DOES NOT MEET THE
REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS. SEE DETAIL
F ON SHEET 2 FOR ASSEMBLY DETAILS.

ALTERNATE OPTION- 1/2" INSULATED DSB ANNEALED GLAZING IN ALUMINUM EXTERIOR FRAME/PLASTIC MOLDED INTERIOR FRAME. SCREWED TOGETHER WITH MINIMUM OF (14) #8X1" SCREWS (2X) LONG THE HORIZONTAL AND 5X LONG THE HORIZONTAL. INSTALLED IN TWO OR SECTIONS LONG THE UNIFORM STATIC PRESSURES SHOWN ON THIS DRAWING. MAXIMUM GLAZING DIMENSIONS SHALL BE 39" X 5-1/8" CLEAR OPENING. GLASS IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS. SEE DETAIL G 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" OR DOOR MAY OVERLAP JAMBS BY 1" ON EACH SIDE.

4. KEY LOCK, SLIDE LOCK, OR OPERATOR REQUIRED.

5. FACER STEEL TO HAVE A MINIMUM 27 GA THICKNESS AND
BACKER STEEL TO HAVE A MINIMUM 29 GA THICKNESS.

6. 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.

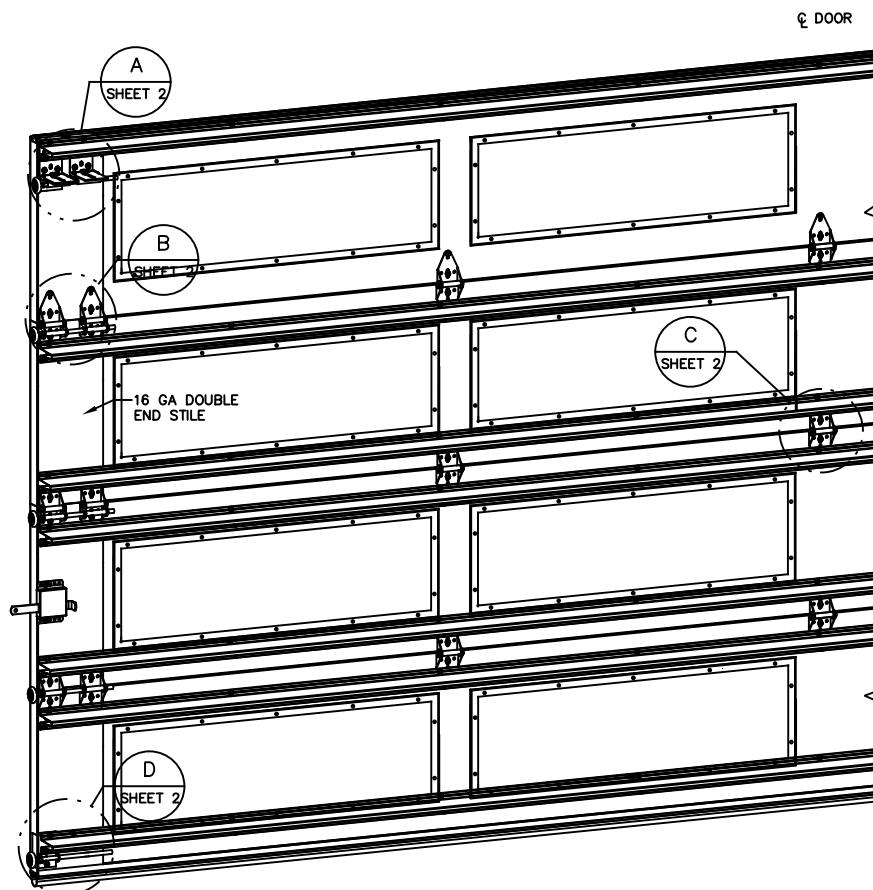
7. DOOR JAMB TO BE MINIMUM 2x6 SOUTHERN PINE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.

8. FOR LOW HEAD ROOM LIFT CONDITIONS, TOP BRACKET SHALL BE A 13 GA LHR 7/4 TOP BRACKET WITHOUT PUSHNUTS AND WITH A MINIMUM OF (3) 1/4-14x7/8" SELF DRILLING CRIMPITE SCREWS IN LIEU OF THE BRACKET SHOWN ON THIS DRAWING. U-BAR ON TOP SECTION SHALL BE INSTALLED ON TOP OF LHR TOP BRACKETS.

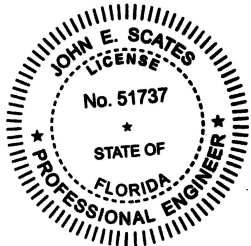
9. COMPLIES WITH THE REQUIREMENTS OF IBC/IRC 2018.

KEY LOCK OR SLIDE
LOCK EACH END (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
GLAZING OPTIONS.



DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
17'-2"	ALL	+214.6/-242.1
18'-2"	ALL	+227.1/-256.2



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DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	JAMB BRACKET LOCATION	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	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	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"			SFF NOTE FLOW	

(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.

Digitally signed by John E. Scates, P.E.
Date: 2021.04.16 10:06:18 -05'00'

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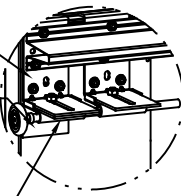
STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF): +25.00/-28.20		MAX WIDTH: 18'-2"		DATE		NAME	
TEST (PSF): +37.50/-42.30		MAX HEIGHT: 24'-0"		DRAWN 03/09/21		JQ	
IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 24"		CHECKED 03/31/21		DK	
MODELS 5745/5765/7565/7655/515/525				SHEET 1 OF 2			
WINDLOAD SPECIFICATION OPTION CODE 2616				DRAWING PART NO.		REV.	
				411906		-	

REV - INITIAL DRAWING
JQ 3/23/21

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

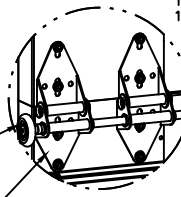
'L' FRAME REINFORCING ANGLE
BRACKET ATTACHED WITH (1)
1/4-20x7/8" SELF DRILLING SCREWS

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



DETAIL A

2" STEEL ROLLER WITH 9" GRADE
1144 OR EQUIVALENT STEM.
OPTIONAL- 11 BALL BEARING
NYLON ROLLER WITH 1144 OR
EQUIVALENT STEM.

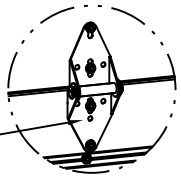


DETAIL B

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

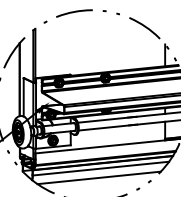
DOUBLE END HINGE
#1 HINGE 14GA
#2 HINGE 13GA
#3 HINGE 13GA

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

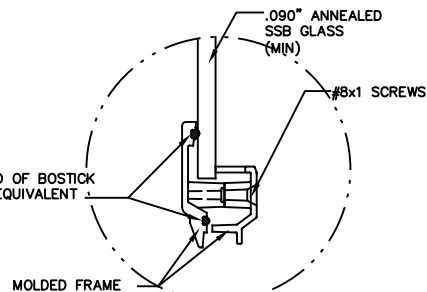


DETAIL C

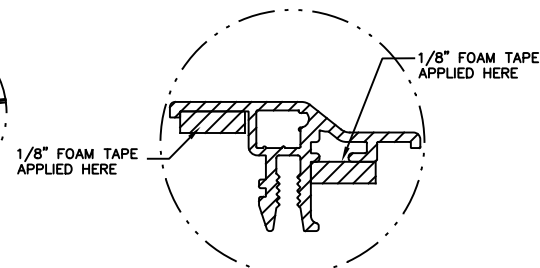
14 GA BOTTOM BRACKET
ATTACHED WITH (2)
1/4-14x7/8" SELF DRILLING
CRIMPITE SCREWS THROUGH
STRUT AND BOTTOM BRACKET
AND (1) 1/4-14x5/8" SELF
DRILLING TAMPER RESISTANT
SCREW



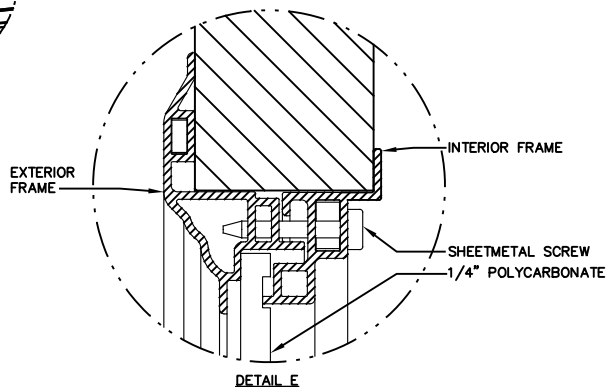
DETAIL D



PLASTIC FRAME
(STATIC RATED)
DETAIL E



ALUMINUM FRAME
(STATIC RATED ALTERNATE FRAME OPTION)
DETAIL F



DETAIL G

ALL U-BARS SHALL BE ATTACHED WITH (2)
1/4-14x7/8" SELF DRILLING CRIMPITE SCREWS
AT EACH HINGE LOCATION AND HALF WAY
BETWEEN ALL HINGES. A MINIMUM OF (22)
FASTENERS ARE TO BE USED.

STATIC FRAME SIZE	DAYLIGHT OPENING (DLO)	SCREW QTY
18.74 X 13.76	15 X 11	10
18.25 X 15.25	15.75 X 12.75	6
39.88 X 12.69	35.8 X 8.6	14
40.50 X 15.25	37.8 X 12.75	14
40.75 X 7	37.75 X 4	14
43.96 X 15.09	40.13 X 11.25	22

IMPACT FRAME SIZE	DAYLIGHT OPENING (DLO)	SCREW QTY
19.2 X 15.3	15 X 11	10
19.8 X 16.8	15.75 X 12.75	10
40 X 12.8	35.8 X 8.6	14
42 X 16.8	37.8 X 12.75	14
41.2 X 7.1	37 X 3	12
44.1 X 15.5	40.13 X 11.25	16

(10) SECTION DOORS WITH
(19) 3" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

(9) SECTION DOORS WITH
(17) 3" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

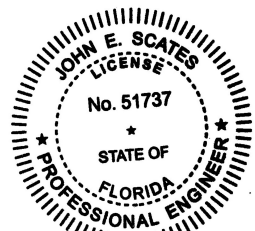
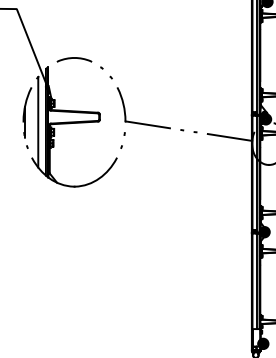
(8) SECTION DOORS WITH
(15) 3" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

(7) SECTION DOORS WITH
(13) 3" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

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

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

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



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RP	MODELS 5745/5765/7565/7655/515/525			SHEET 2 OF 2			
	WINDLOAD SPECIFICATION OPTION CODE 2616			DRAWING PART NO.		REV.	
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REVISIONS