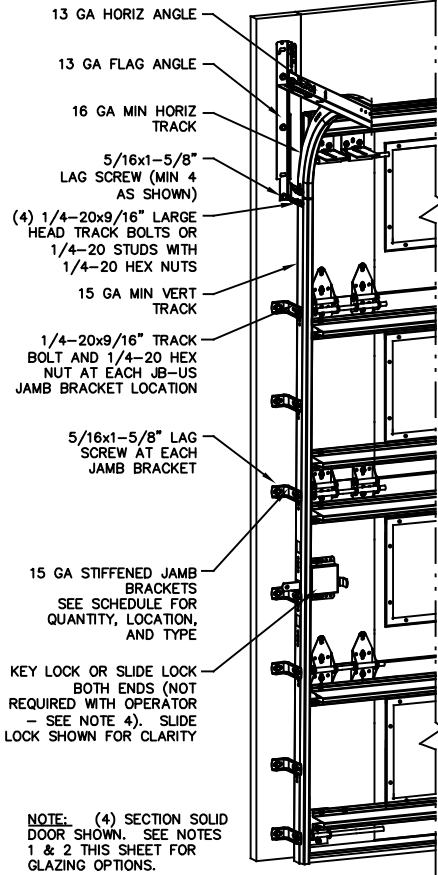
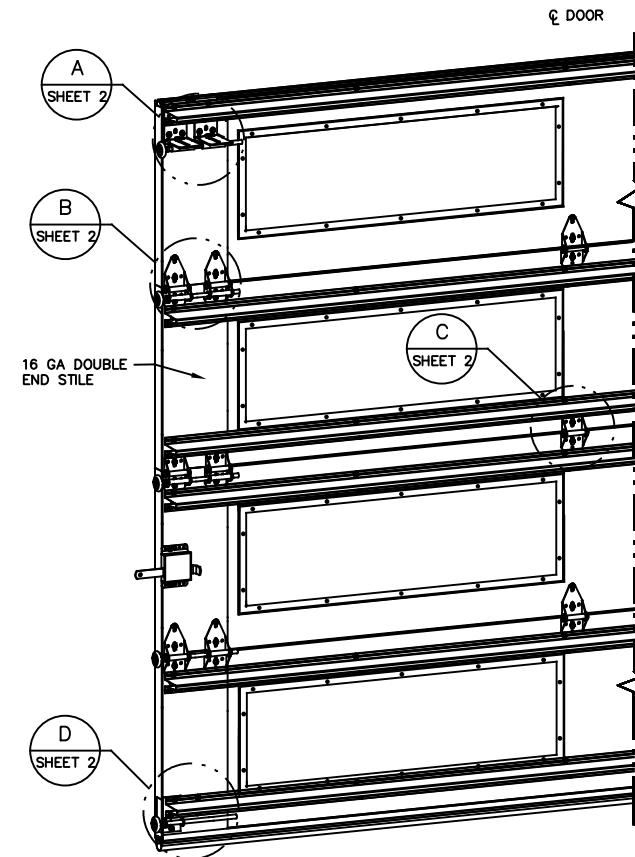


NOTES:

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. 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.
3. KEY LOCK, SLIDE LOCK, OR OPERATOR REQUIRED.
4. FACER STEEL TO HAVE A MINIMUM 27 GA THICKNESS AND BACKER STEEL TO HAVE A MINIMUM 29 GA THICKNESS.
5. 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.
6. DOOR JAMB TO BE MINIMUM 2x6 SOUTHERN PINE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.
7. 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.
8. COMPLIES WITH THE REQUIREMENTS OF IBC/IRC 2018.



REVISIONS
REV - INITIAL DRAWING
JQ 3/09/21



SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
8'-2"	ALL	+168.6/-190.7
9'-2"	ALL	+189.3/-214.0

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

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.

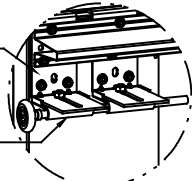
JOHN E. SCATES, PE
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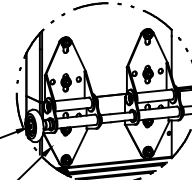
STATIC PRESSURE RATINGS		APPROVED SIZES	SCALE: N.T.S.	SIZE: A
DESIGN (PSF):	+41.30/-46.70	MAX WIDTH: 9'-2"	DATE	NAME
TEST (PSF):	+61.95/-70.05	MAX HEIGHT: 24'-0"	DRAWN	JQ
IMPACT/CYCLIC RATED (YES/NO):	YES	MAX SECTION HEIGHT: 24"	CHECKED	DK
MODELS 5745/5765/7565/7655/515/525			SHEET 1 OF 2	
WINDLOAD SPECIFICATION OPTION CODE 2605			DRAWING PART NO.	REV.
			411895	-

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



DETAIL A

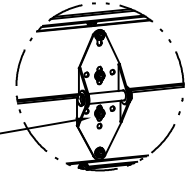
13 GA ROLLER SLIDE ATTACHED TO BRACKET WITH 5/16-18 BOLT & NUT IN THE CENTER SLOT



DETAIL B

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

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

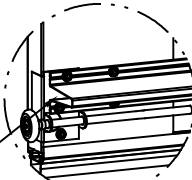


DETAIL C

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 CRIMPITITE SCREWS

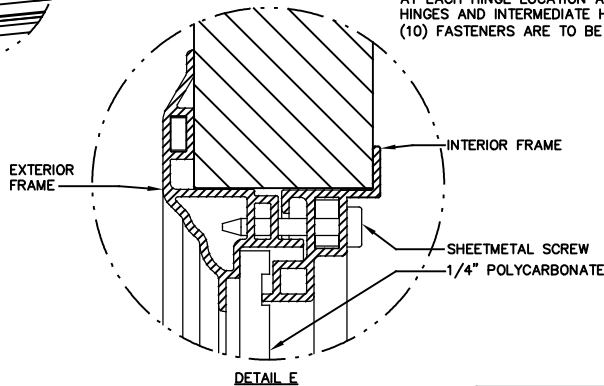
14 GA BOTTOM BRACKET ATTACHED WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS THROUGH STRUT AND BOTTOM BRACKET AND (1) 1/4-14x5/8" SELF DRILLING TAMPER RESISTANT SCREW



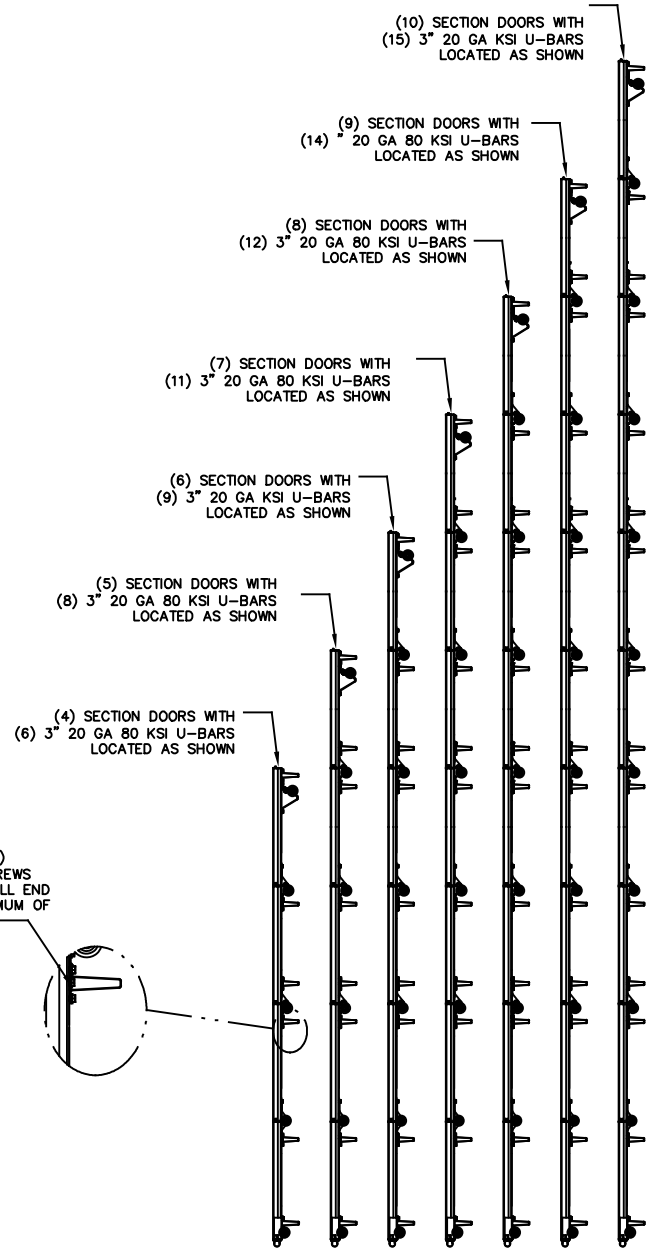
DETAIL D

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

ALL U-BARS SHALL BE ATTACHED WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS AT EACH HINGE LOCATION AND BETWEEN ALL END HINGES AND INTERMEDIATE HINGES. A MINIMUM OF (10) FASTENERS ARE TO BE USED.



DETAIL E



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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+41.30/-46.70	MAX WIDTH:	9'-2"	DATE	NAME		
TEST (PSF):	+61.95/-70.05	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 2 OF 2			
WINDLOAD SPECIFICATION OPTION CODE 2605				DRAWING PART NO.		REV.	
				411895		-	

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