

NOTES:

1. IMPACT RESISTANT GLAZING OPTION - 1/4" POLYCARBONATE IN ALUMINUM FRAMES INSTALLED IN TOP OR INTERMEDIATE SECTION (WITH OR WITHOUT DECORATIVE INSERTS) MEETS UNIFORM STATIC WND PRESSURES SHOWN ON THIS DRAWING. GLAZING IS IMPACT RESISTANT AND DOES MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS. SEE PAGE 2 FOR DETAIL.

2. VINYL OR WOOD DOOR STOP NAILED USING 6D NAILS AT A MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.

3. SLIDE LOCK OR LOCK BAR LOCK REQUIRED.

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

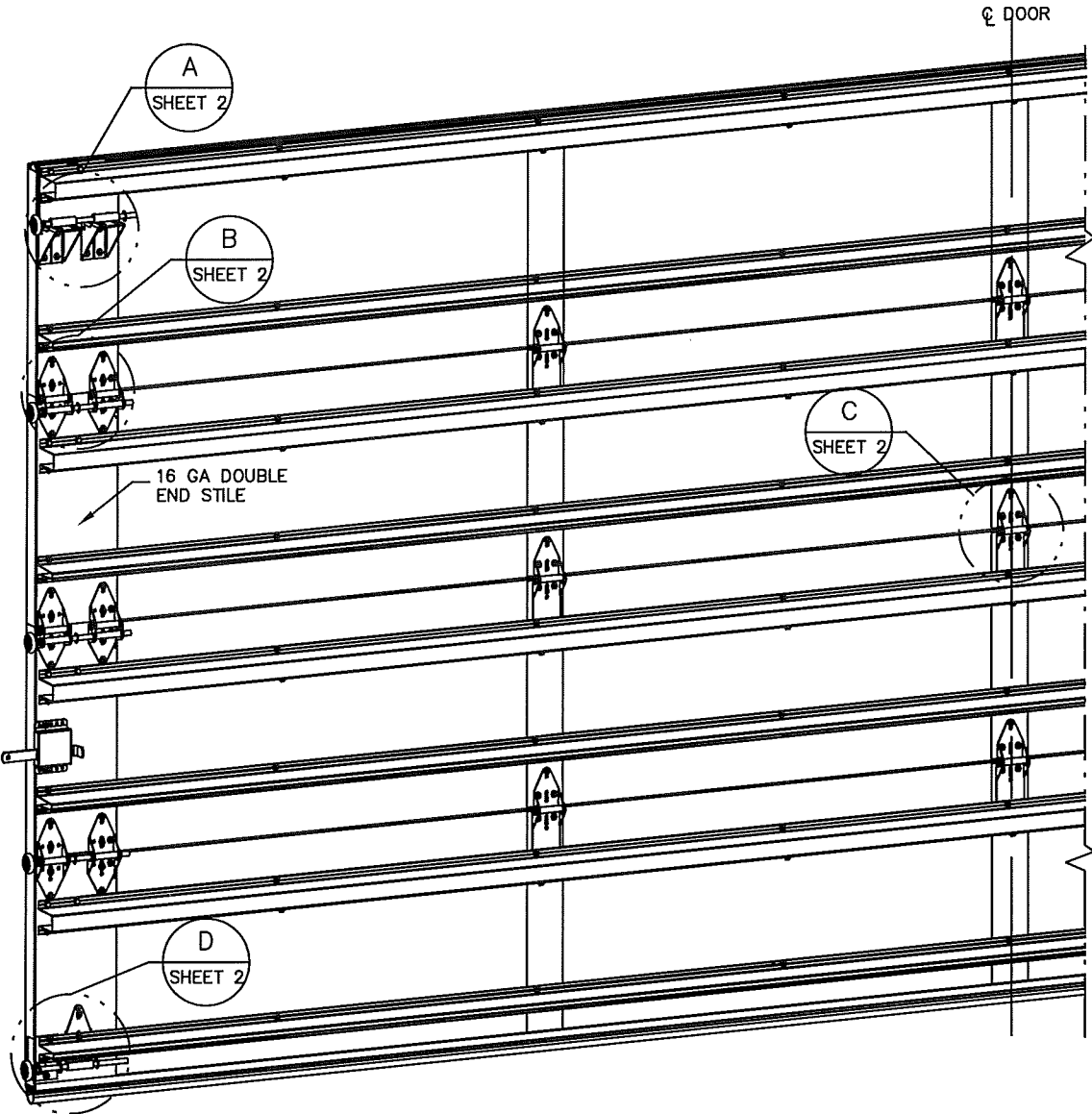
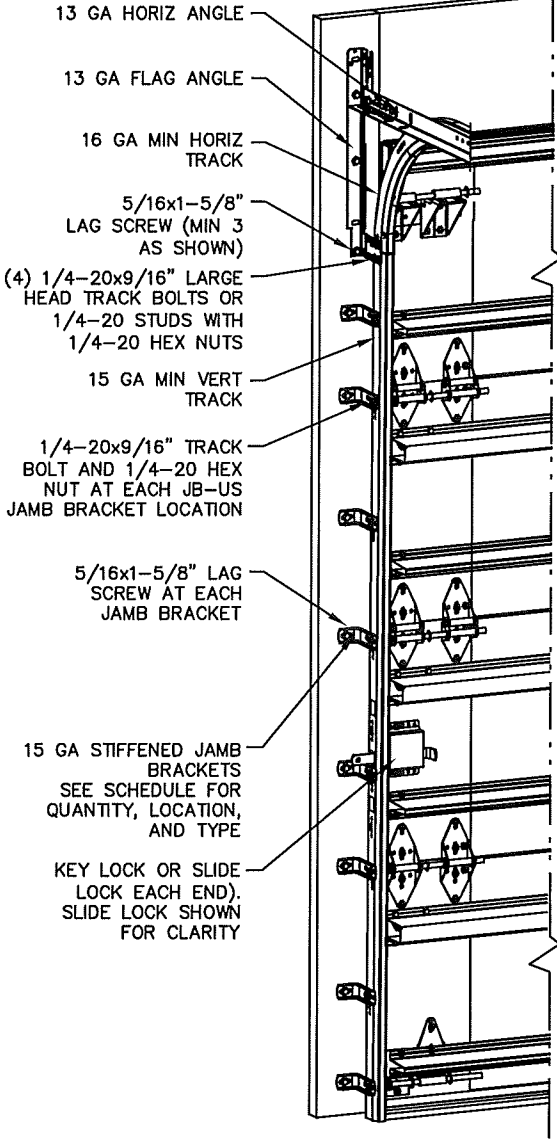
5. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

6. DOOR JAMB TO BE MINIMUM 2x4 STRUCTURAL GRADE 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 CRIMPTITE 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. THE DOORS ARE DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2018 IRC AND THE 2018 IBC.

9. PROFESSIONAL ENGINEER SEAL PROVIDED FOR VERIFICATION OF WIND LOAD CONSTRUCTION DETAIL.



REVISIONS

- NEW MODELS PER WL014
SW 10/20/2024

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

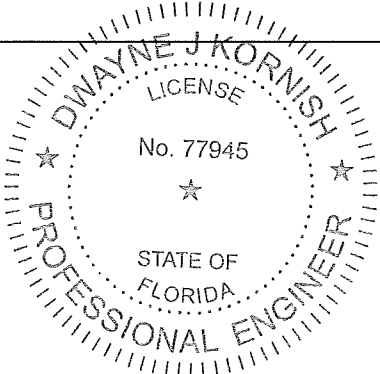
NOTE:

(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.

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
17'-2"	ALL	-
18'-2"	ALL	-



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Dwayne J. Kornish
12/5/2024

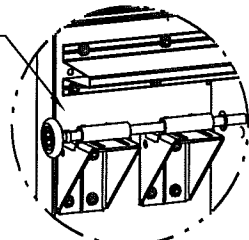
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A DIVISION OF OVERHEAD DOOR CORP
3395 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
(850) 474-9890

STATIC PRESSURE RATINGS	APPROVED SIZES	SCALE: N.T.S.	SIZE: A
DESIGN (PSF): +41.30/-46.70	MAX WIDTH: 18'-2"	DATE	NAME
TEST (PSF): +61.95/-70.05	MAX HEIGHT: 24'-0"	DRAWN	SW
IMPACT/CYCLIC RATED (YES/NO): YES	MAX SECTION HEIGHT: 24"	CHECKED	TLC
MODELS 160/190/490/593/594/591/592/596/599/5740/5760/7560		SHEET 1 OF 3	
WINDLOAD SPECIFICATION OPTION CODE 2257		DRAWING PART NO.	REV.
		412870	-

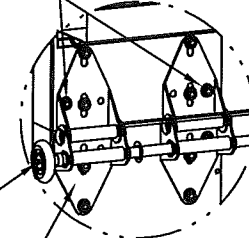
(2) 12 GA COMMERCIAL TOP
FRAME BRACKETS WITH 13
GA ROLLER CARRIERS EACH
ATTACHED WITH (4)
1/4-20x3/4" SELF DRILLING
SCREWS



DETAIL A

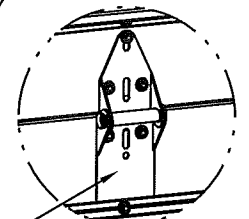
ADD (4) 1/4-14x7/8"
SELF DRILLING CRIMPTITE SCREWS
(INSIDE OF EACH INSIDE END HINGE)

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 LOACTED
OUTSIDE OF BOTH BRACKETS). 1/4"
MAX BETWEEN PUSH NUT AND
OUTER HINGE. OPTIONAL NYLON,
10/11-BALL BEARING ROLLER
AVAILABLE



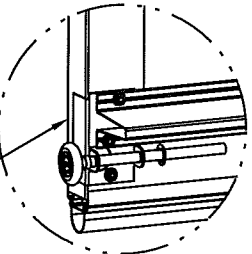
DETAIL B

WIDE BODY END HINGE
EACH ATTACHED WITH (4)
1/4-14x7/8" SELF DRILLING
CRIMPTITE SCREWS
#1 IS 14 GA
#2 AND HIGHER IS 13 GA



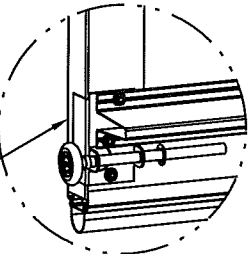
DETAIL C

14 GA WIDE BODY
EXTENDED HINGE
ATTACHED WITH (7)
1/4-20x3/4" SELF
DRILLING SCREWS.
(2 THROUGH STRUT
AND HINGE)

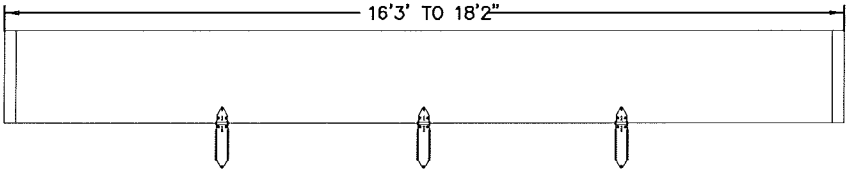


DETAIL D

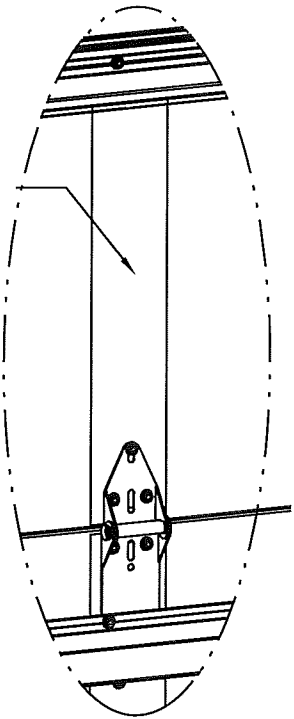
14 GA BOTTOM BRACKET
ATTACHED WITH (3)
1/4-14x7/8" SELF DRILLING
CRIMPTITE SCREWS



HINGE LOCATIONS



2" 20GA STEEL STRIP WITH
VHB TAPE ADHERED TO
EACH SECTION, LINED UP
WITH CENTER HINGES



(10) SECTION DOORS WITH
(10) 3" 18 GA 80 KSI U-BARS
(10) 4" 16 GA 80 KSI U-BARS
LOCATED AS SHOWN

(9) SECTION DOORS WITH
(9) 3" 18 GA 80 KSI U-BARS
(9) 4" 16 GA 80 KSI U-BARS
LOCATED AS SHOWN

(8) SECTION DOORS WITH
(8) 3" 18 GA 80 KSI U-BARS
(8) 4" 16 GA 80 KSI U-BARS
LOCATED AS SHOWN

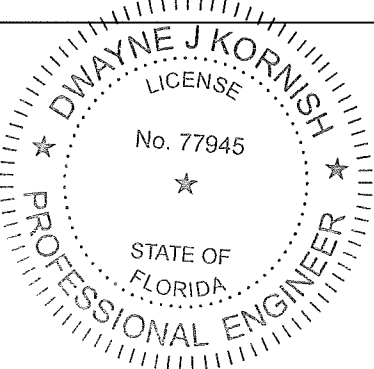
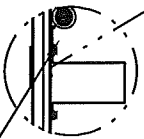
(7) SECTION DOORS WITH
(7) 3" 18 GA 80 KSI U-BARS
(7) 4" 16 GA 80 KSI U-BARS
LOCATED AS SHOWN

(6) SECTION DOORS WITH
(6) 3" 18 GA 80 KSI U-BARS
(6) 4" 16 GA 80 KSI U-BARS
LOCATED AS SHOWN

(5) SECTION DOORS WITH
(5) 3" 18 GA 80 KSI U-BARS
(5) 4" 16 GA 80 KSI U-BARS
LOCATED AS SHOWN

(4) SECTION DOORS WITH
(4) 3" 18 GA 80 KSI U-BARS
(4) 4" 16 GA 80 KSI U-BARS
LOCATED AS SHOWN

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
(14) FASTENERS ARE TO BE USED.



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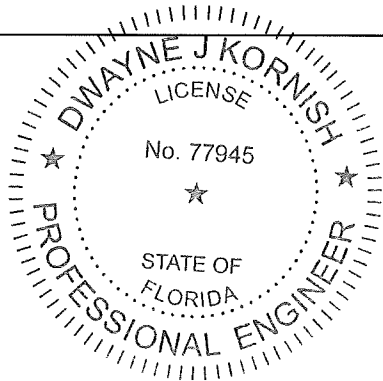
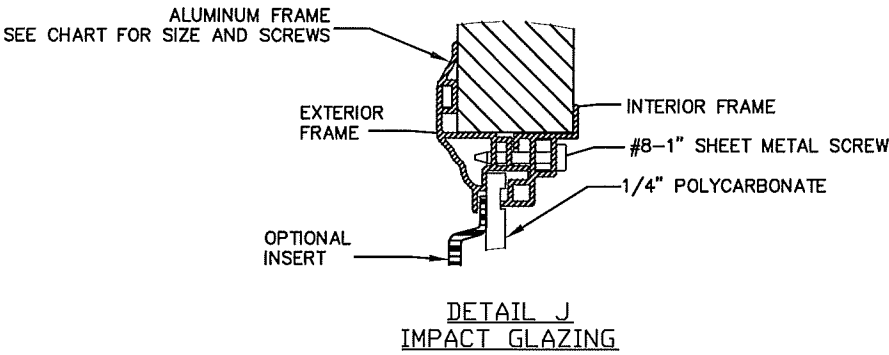
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12/15/2024



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IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 24"		CHECKED	−	TLC	
MODELS 160/190/490/593/594/591/592/596/599/5740/5760/7560				SHEET 2 OF 3			
				DRAWING PART NO.		REV.	
WINDLOAD SPECIFICATION OPTION CODE 2257				412870		−	

OUTSIDE FRAME SIZE	DAYLIGHT OPENING (DLO)	SCREW QTY EA HORIZ LEG	SCREW QTY EA VERT LEGS	SCREW QTY TOTAL	DETAIL
15.3"x44.1"	11.3"x40.1"	6	3	18	J
14.6"x20.8"	10.6"x16.8"	3	2	10	J
13"x38"	9"x34"	5	2	14	J



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				DRAWING PART NO.		REV.	
WINDLOAD SPECIFICATION OPTION CODE 2257				412870		-	