

NOTES:

1. NON-IMPACT RESISTANT GLAZING OPTION - .090" MINIMUM SSB GLAZING IN MOLDED FRAMES INSTALLED IN TOP OR INTERMEDIATE SECTION (WITH OR WITHOUT DECORATIVE INSERTS) MEETS UNIFORM STATIC WIND PRESSURES SHOWN ON THIS DRAWING. GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS. SEE PAGE 2 FOR DETAIL.

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

3. 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.

4. SLIDE LOCK OR LOCK BAR LOCK REQUIRED.

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.

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

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 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.

10. THE DOORS ARE DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2018 IRC AND THE 2018 IBC.

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

13 GA HORIZ ANGLE

13 GA FLAG ANGLE

16 GA MIN HORIZ TRACK

5/16x1-5/8" LAG SCREW (MIN 3 AS SHOWN)

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

16 GA MIN VERT TRACK

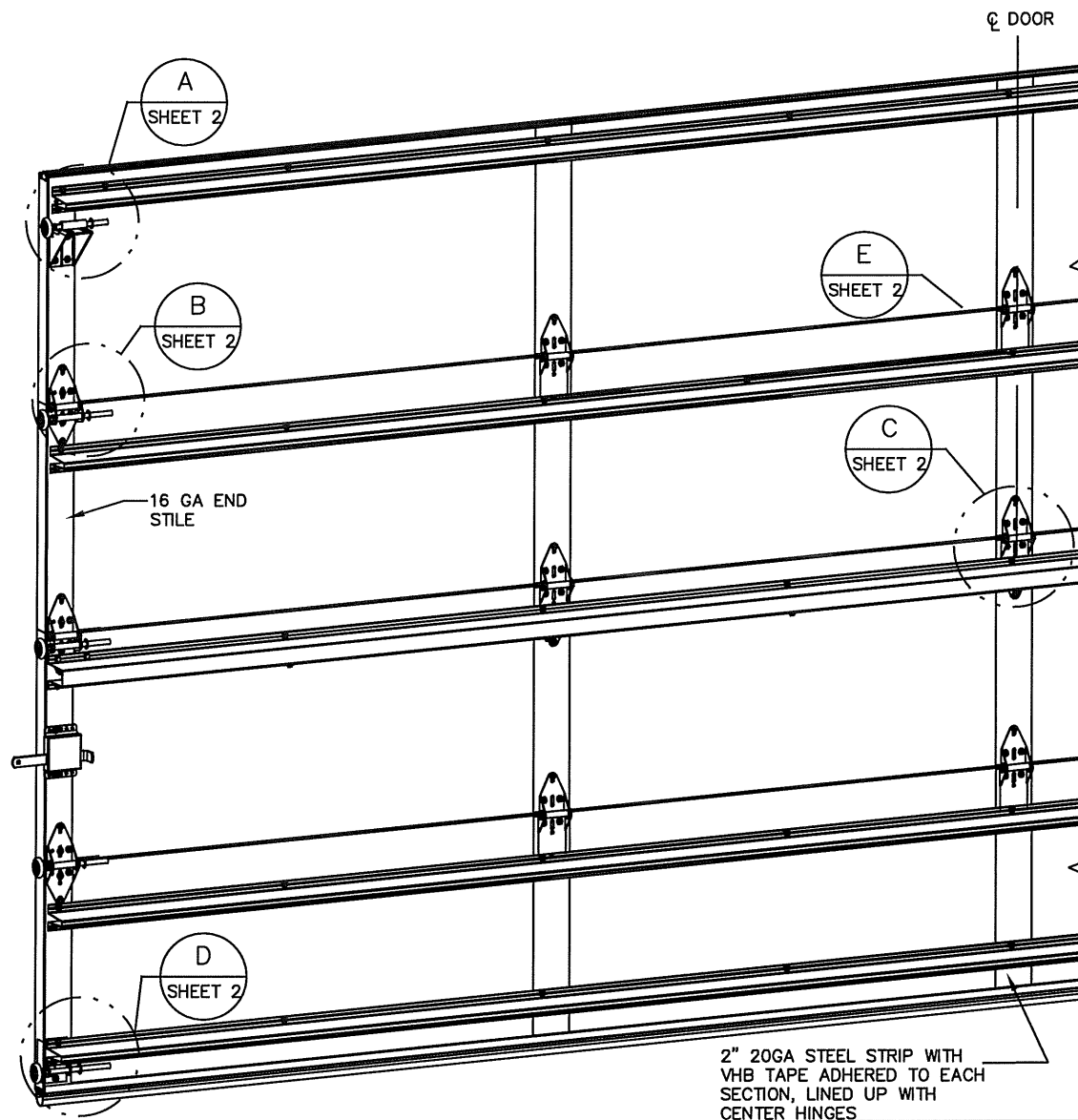
1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT AT EACH JB-US JAMB BRACKET LOCATION

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 EACH END. SLIDE LOCK SHOWN FOR CLARITY

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



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)
10'-2"	ALL	+116.9/-127.1
12'-2"	ALL	+139.9/-152.1
14'-2"	ALL	+162.9/-177.1
15'-2"	ALL	+174.4/-189.6
16'-2"	ALL	+185.9/-202.1

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

STATIC PRESSURE RATINGS

DESIGN (PSF): +26.90/-30.80

TEST (PSF): +40.30/-46.20

IMPACT/CYCLIC RATED (YES/NO): YES

MODELS 160/190/490/593/594/591/592/596/599/5740/5760/7560

WINDLOAD SPECIFICATION OPTION CODE 2246

APPROVED SIZES

MAX WIDTH: 16'-2"

MAX HEIGHT: 24'-0"

MAX SECTION HEIGHT: 24"

SCALE: N.T.S.

DATE 10/20/24

DRAWN 10/20/24

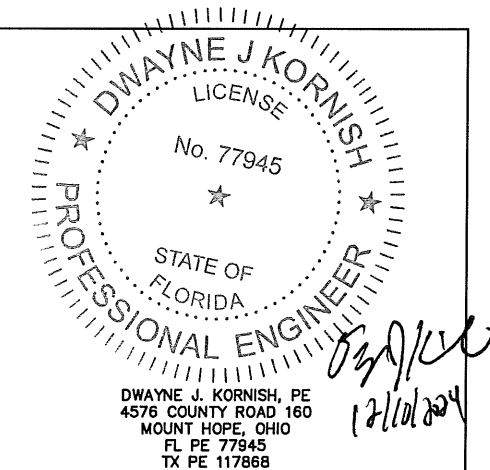
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SHEET 1 OF 3

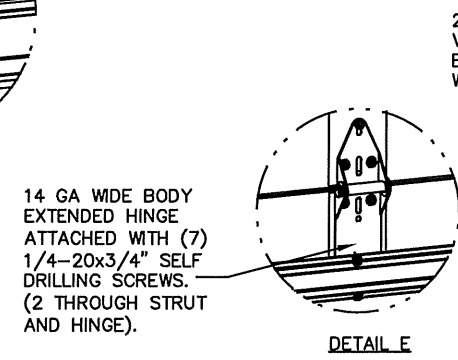
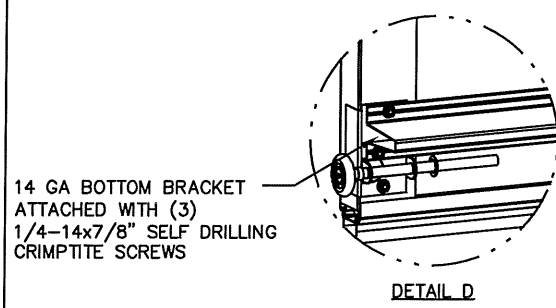
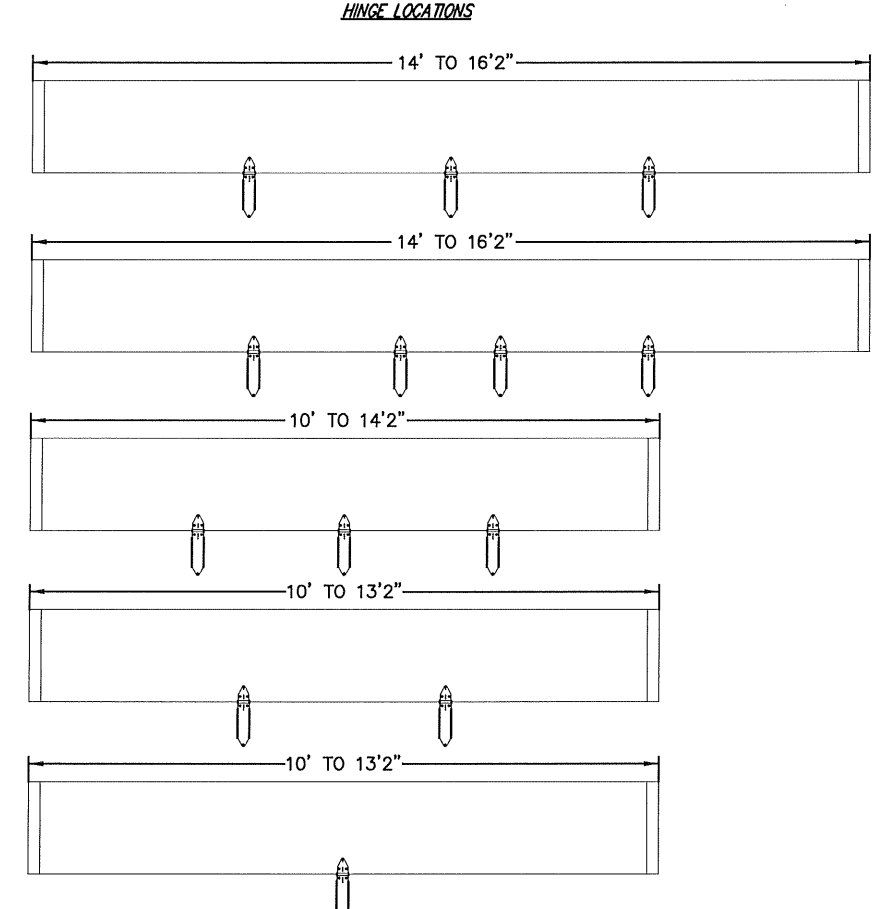
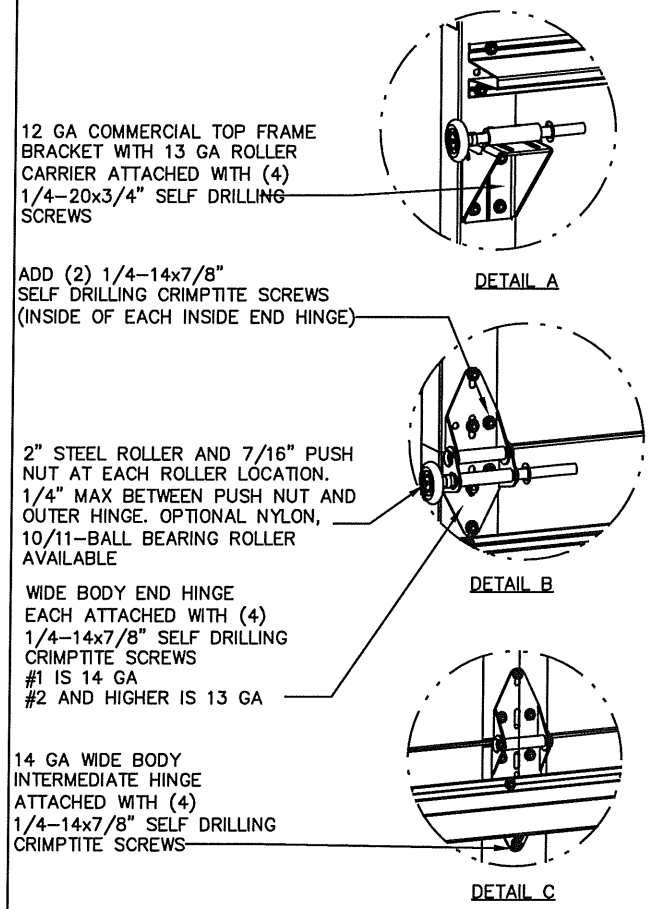
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REVISIONS

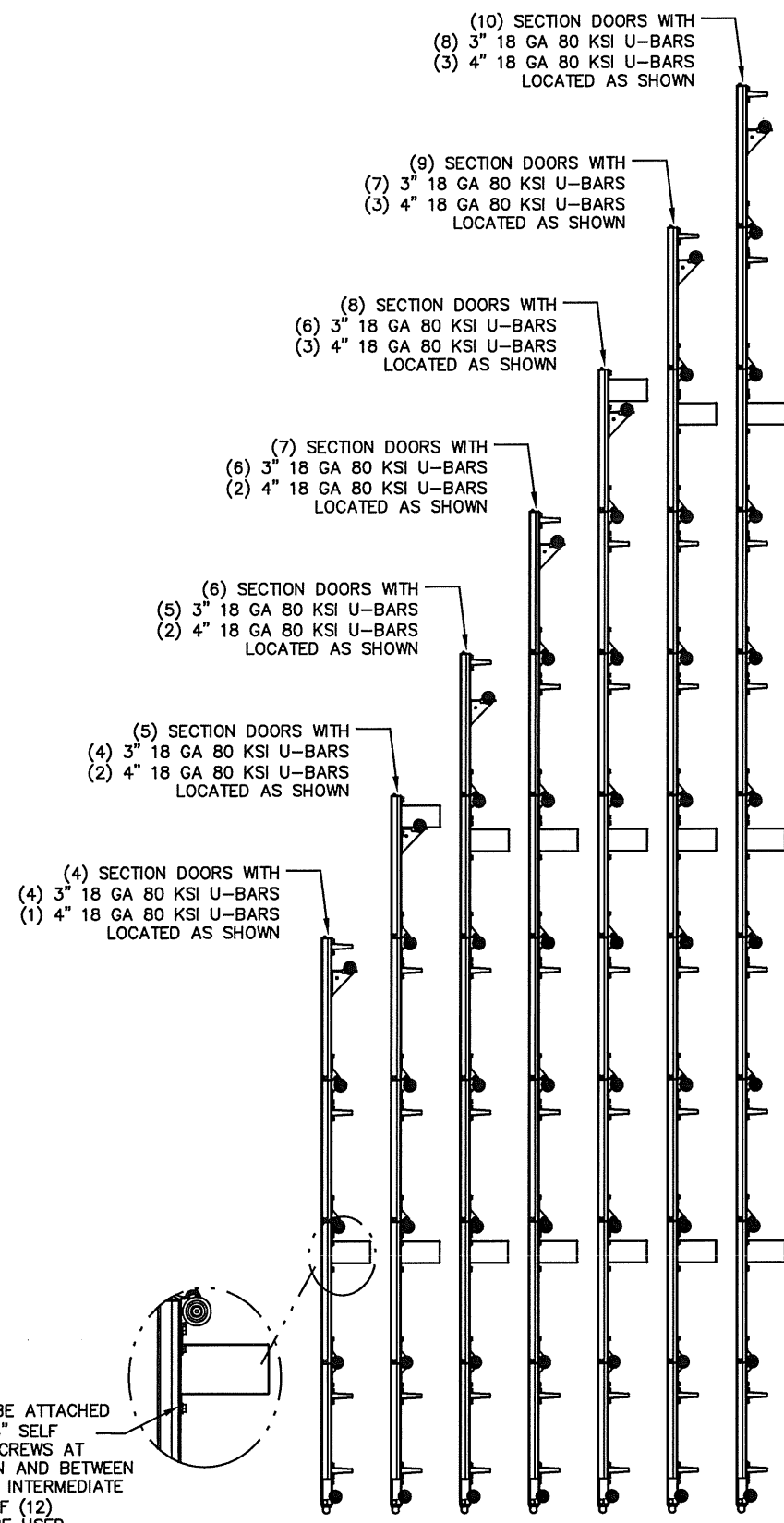
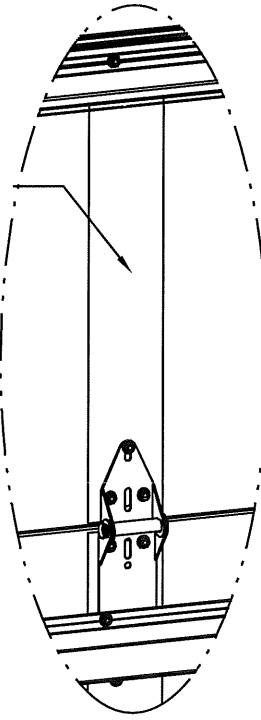
- NEW MODELS PER WL014
SW 10/20/2024



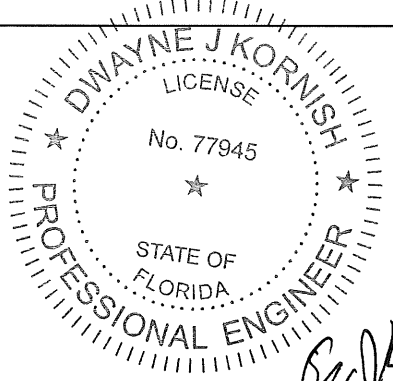
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2" 20GA STEEL STRIP WITH VHB TAPE ADHERED TO EACH SECTION, LINED UP WITH CENTER HINGES



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 (12) FASTENERS ARE TO BE USED.



DWAYNE J. KORNISH, PE
4576 COUNTY ROAD 160
MOUNT HOPE, OHIO
FL PE 77945
TX PE 117868

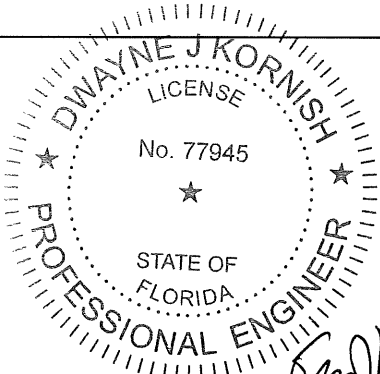
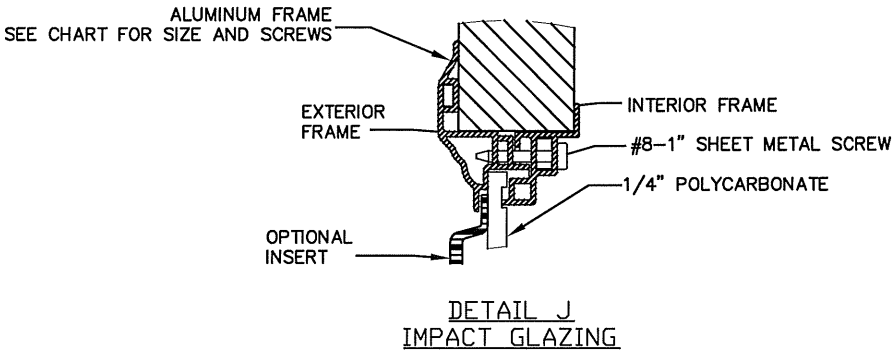
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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A				
DESIGN (PSF): +26.90/−30.80		MAX WIDTH: 16'−2"			DATE		NAME			
TEST (PSF): +40.35/−46.20		MAX HEIGHT: 24'−0"		DRAWN		10/20/24		SW		
IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 24"		CHECKED		−		TLC		
MODELS 160/190/490/593/594/591/592/596/599/5740/5760/7560					SHEET 2 OF 3					
					DRAWING PART NO.				REV.	
WINDLOAD SPECIFICATION OPTION CODE 2246					412863				−	

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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MODELS 160/190/490/593/594/591/592/596/599/5740/5760/7560				SHEET 3 OF 3			
WINDLOAD SPECIFICATION OPTION CODE 2246				DRAWING PART NO.		REV.	
				412863		-	