

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 LOC 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. A 22 GA BACKER PLATE IS TO BE LOCATED AT EVERY INTERMEDIATE AND OUTER END HINGE LOCATION.

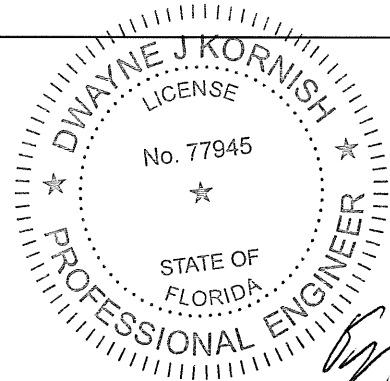
8. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

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

10. 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.

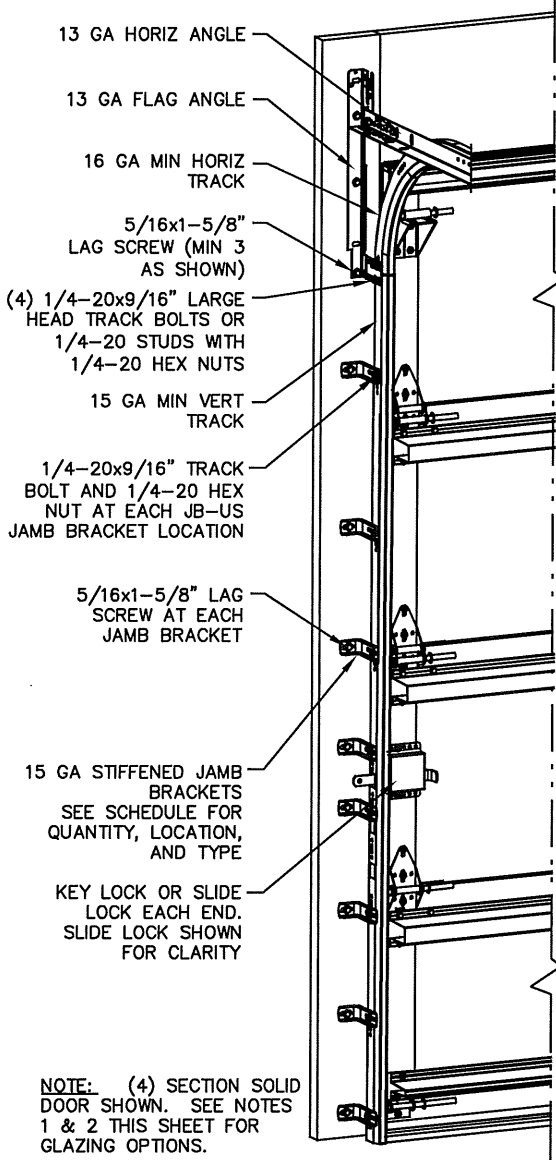
11. THE DOORS ARE DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2018 IRC AND THE 2018 IBC.

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

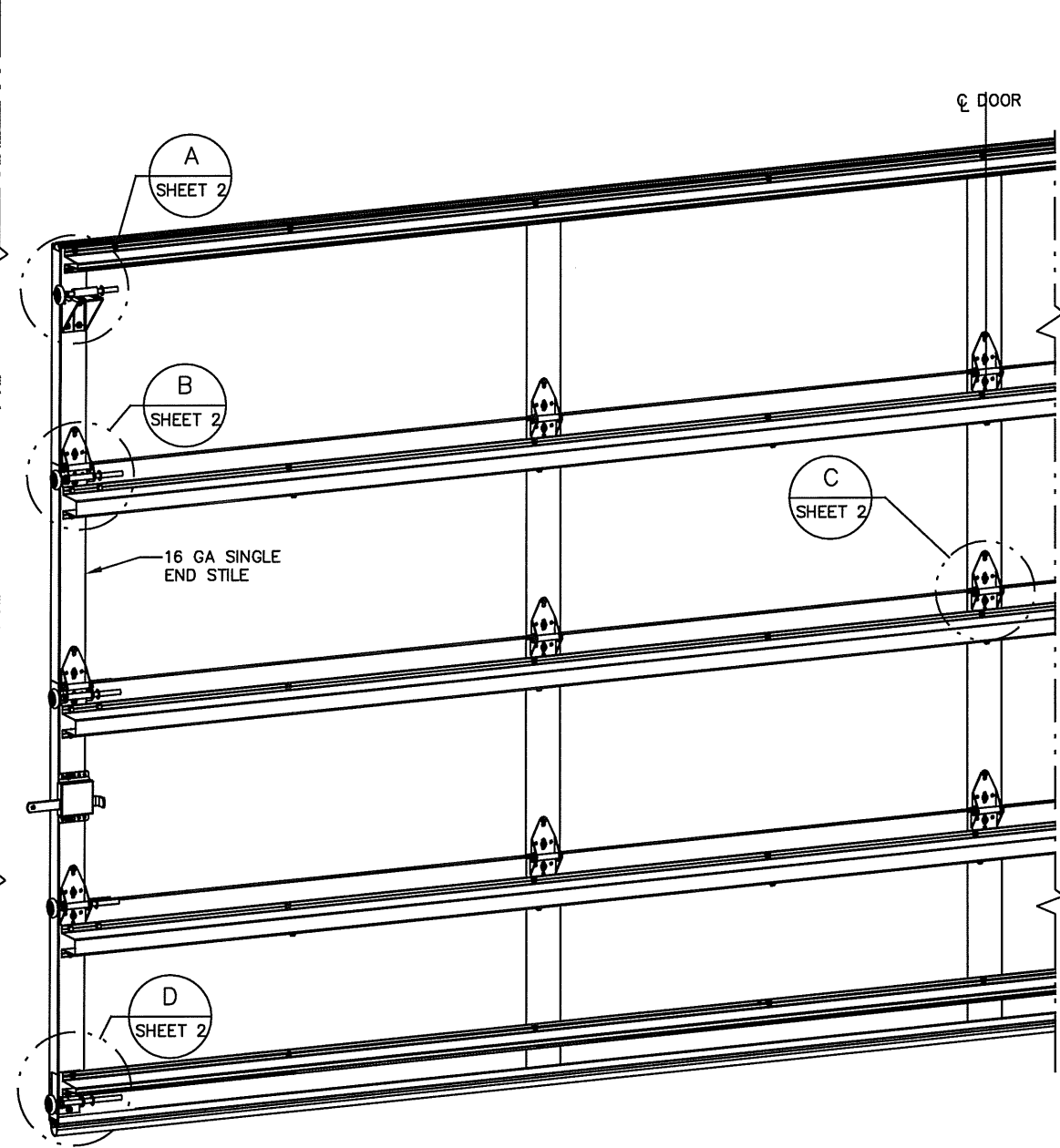


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4576 COUNTY ROAD 160
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PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.



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

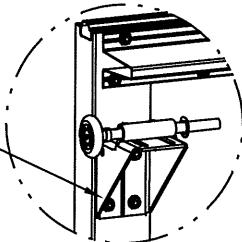
DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
10'-2"	ALL	+168.2/-188.1
12'-2"	ALL	+201.4/-225.1



A DIVISION OF OVERHEAD DOOR CORP
3395 ADDISON DRIVE
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(850) 474-9890

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A				
DESIGN (PSF): +33.10/−37.00		MAX WIDTH: 12'−2"			DATE		NAME			
TEST (PSF): +49.65/55.50		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 1 OF 3					
					DRAWING PART NO.				REV.	
WINDLOAD SPECIFICATION OPTION CODE 2215					412860				−	

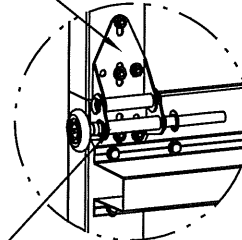
12 GA COMMERCIAL TOP FRAME
BRACKET WITH 13 GA ROLLER
CARRIER ATTACHED WITH (4)
1/4-20x3/4" SELF DRILLING
SCREWS



DETAIL A

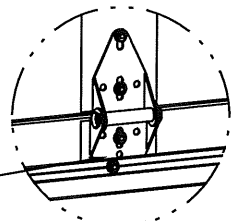
ADD (2) 1/4-14x7/8"
SELF DRILLING CRIMPTITE SCREWS
(INSIDE OF EACH INSIDE END HINGE)

2" STEEL ROLLER WITH 7/16" PUSH
NUT AT EACH ROLLER. 1/4" MAX
BETWEEN PUSH NUT AND OUTER
HINGE. OPTIONAL NYLON,
10/11-BALL BEARING ROLLER
AVAILABLE



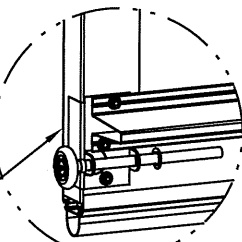
DETAIL B

(1) 13 GA WIDE BODY END
HINGES EACH ATTACHED WITH
(4) 1/4-14x7/8" SELF
DRILLING CRIMPTITE SCREWS



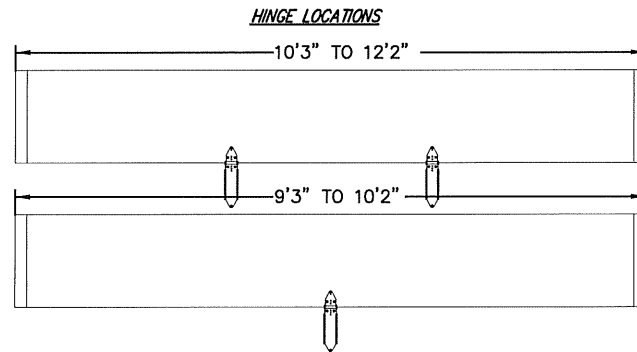
DETAIL C

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

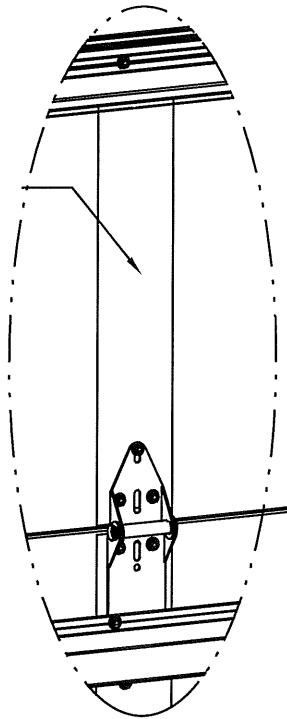


DETAIL D

13 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



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



(10) SECTION DOORS WITH
(2) 3" 18 GA 80 KSI U-BARS
(9) 4" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

(9) SECTION DOORS WITH
(2) 3" 18 GA 80 KSI U-BARS
(8) 4" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

(8) SECTION DOORS WITH
(2) 3" 18 GA 80 KSI U-BARS
(7) 4" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

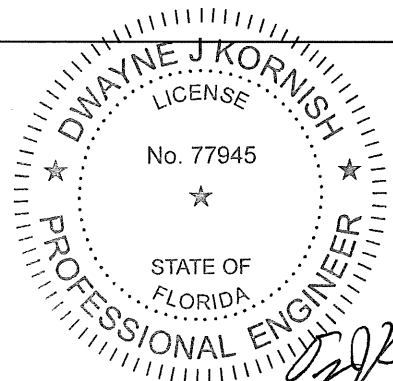
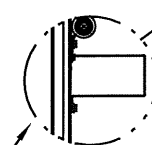
(7) SECTION DOORS WITH
(2) 3" 18 GA 80 KSI U-BARS
(6) 4" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

(6) SECTION DOORS WITH
(2) 3" 18 GA 80 KSI U-BARS
(5) 4" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

(5) SECTION DOORS WITH
(2) 3" 18 GA 80 KSI U-BARS
(4) 4" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

(4) SECTION DOORS WITH
(2) 3" 18 GA 80 KSI U-BARS
(3) 4" 18 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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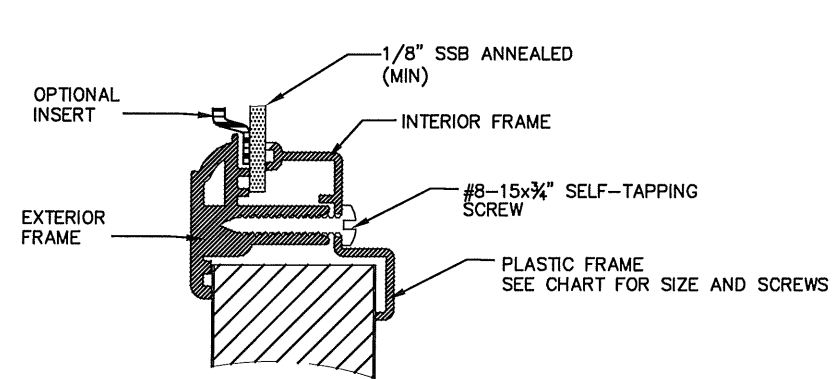
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The Genuine. The Original.

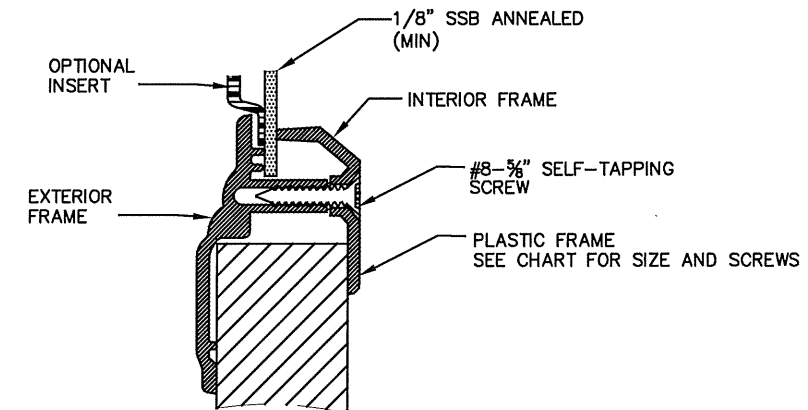


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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+33.10/−37.00	MAX WIDTH:	12′−2″		DATE	NAME	
TEST (PSF):	+49.65/−55.50	MAX HEIGHT:	24′−0″	DRAWN	10/20/24	SW	
IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 24″		CHECKED	—	TLC	
MODELS 160/190/490/593/594/591/592/596/599/5740/5760/7560				SHEET 2 OF 3			
WINDLOAD SPECIFICATION OPTION CODE 2215				DRAWING PART NO.		REV.	
				412860		—	

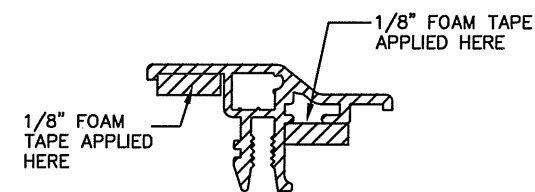


DETAIL H
NON-IMPACT GLAZING

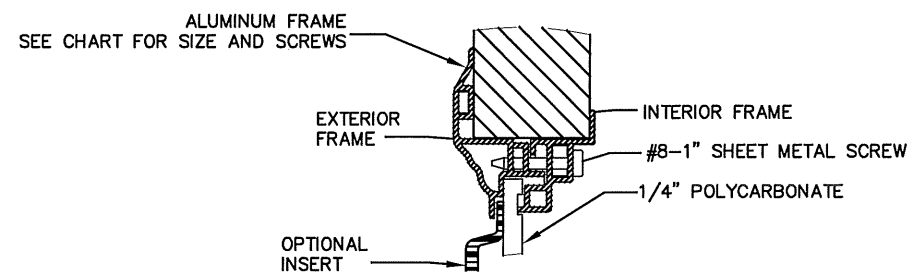


DETAIL I
NON-IMPACT GLAZING

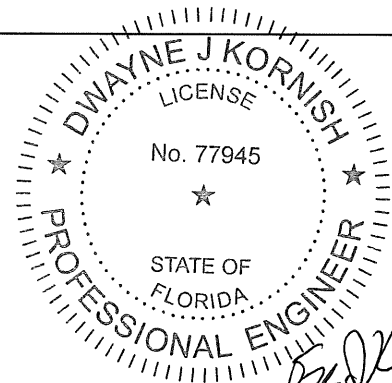
OUTSIDE FRAME SIZE	DAYLIGHT OPENING (DLO)	SCREW QTY EA HORIZ LEG	SCREW QTY EA VERT LEGS	SCREW QTY TOTAL	DETAIL
17"X51"	14X48	5	3	16	H
15.1X44"	11.5"X40.5"	8	3	22	I
14.9X20.8"	11"X17"	3	3	12	I
7"X40.8	4"X37.8"	5	2	14	I
15.3"X44.1"	11.3"X40.1"	6	3	18	J
14.6"X20.8"	10.6"X16.8"	3	2	10	J
13"X38"	9"X34"	5	2	14	J



ALUMINUM FRAME
(STATIC RATED ALTERNATE FRAME OPTION)



DETAIL J
IMPACT GLAZING



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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 3 OF 3		
WINDLOAD SPECIFICATION OPTION CODE 2215	DRAWING PART NO.	REV.	
	412860	—	