

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. NON-IMPACT RESISTANT GLAZING OPTION – 3/32" MINIMUM SSB ANNEALED GLAZING IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (14) #8x1" SCREWS WITH WASHERS (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 A MINIMUM OF (14) #8x1" SCREWS (2X ALONG THE HORIZONTAL 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 39" X 5-1/6" 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. MINIMUM 1" OVERLAP ON BOTH JAMBS REQUIRED TO MEET NEGATIVE DESIGN PRESSURES.

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

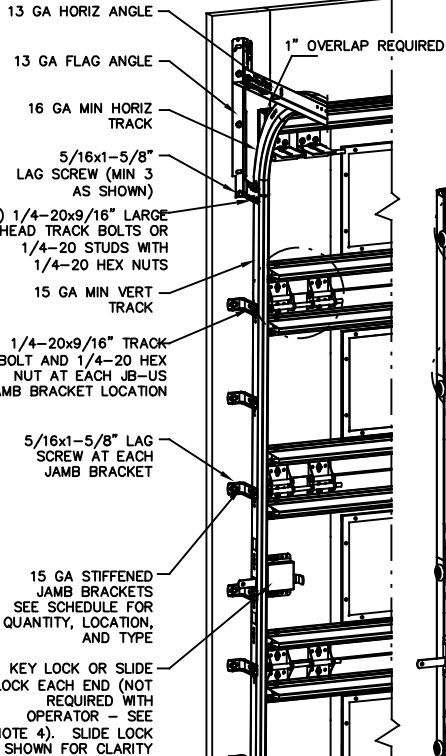
5. FASER STEEL TO HAVE A MINIMUM 27 GA THICKNESS AND BACKER STEEL TO HAVE A MINIMUM 29 GA THICKNESS.

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.

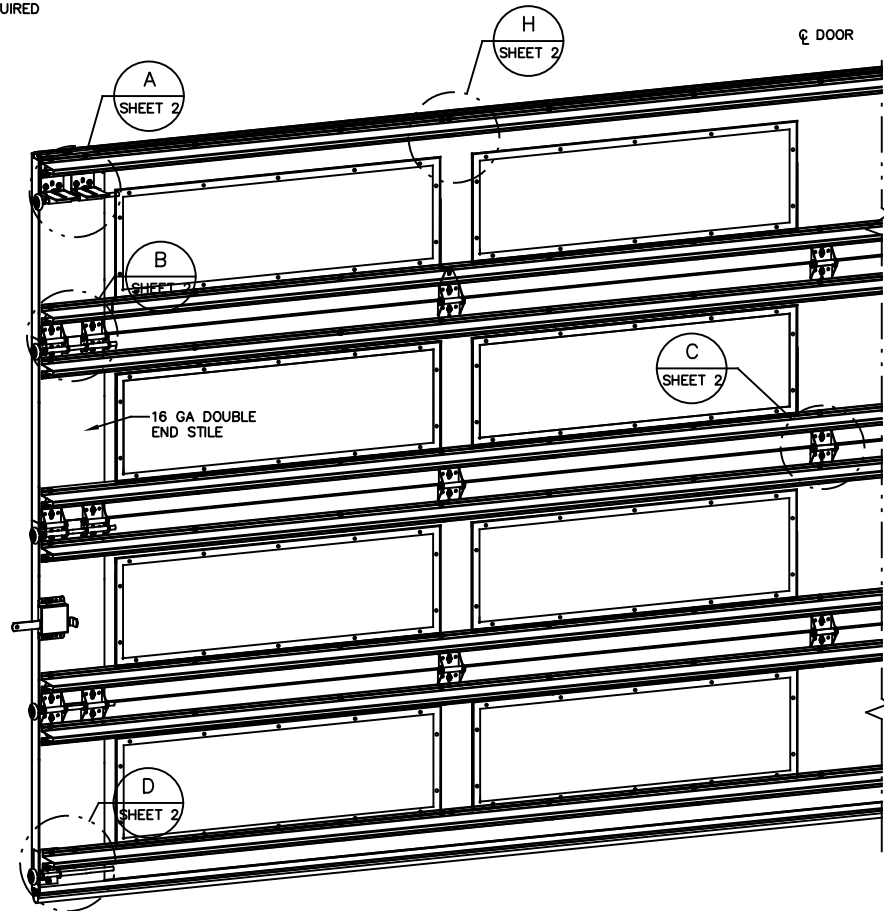
7. DOOR JAMB TO BE MINIMUM 2x6 SOUTHERN PINE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.

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.



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



SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
10'-2"	ALL	+181.4/-208.4
12'-2"	ALL	+217.1/-249.4
14'-2"	ALL	+252.8/-290.4
15'-2"	ALL	+270.7/-310.9
16'-2"	ALL	+288.5/-331.4

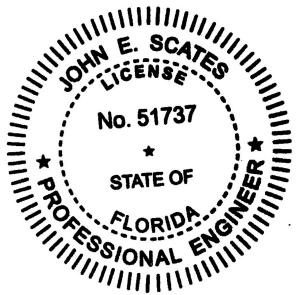
JAMB BRACKET SCHEDULE

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.



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Digitally signed by John E. Scates, P.E.

Date: 2021.04.15 17:03:27 -05'00'

Wayne Dalton
GARAGE DOORS™

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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+36.80/-41.60	MAX WIDTH:	16'-2"	DATE	NAME		
TEST (PSF):	+55.20/-62.40	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 4600/4650/6600/8300/8350/8500/5150/5200				SHEET 1 OF 2			
WINDLOAD SPECIFICATION OPTION CODE 2611				DRAWING PART NO.		REV.	
				365444		-	

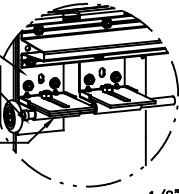
REVISIONS

REV - INITIAL DRAWING
JQ 3/09/21

(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

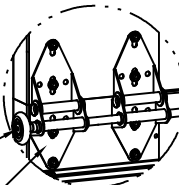
13 GA ROLLER SLIDE ATTACHED
TO BRACKET WITH 5/16-18 BOLT
& NUT IN THE CENTER SLOT



DETAIL A

1/8" BEAD OF BOSTICK
1100 OR EQUIVALENT

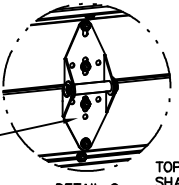
2" STEEL ROLLER WITH 9" GRADE
1144 OR EQUIVALENT STEM.
OPTIONAL- 11 BALL BEARING
NYLON ROLLER WITH 1144 OR
EQUIVALENT STEM.



DETAIL B

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

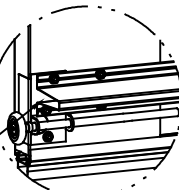
DOUBLE END HINGE
#1 HINGE 14GA
#2 HINGE 13GA
#3 HINGE 13GA



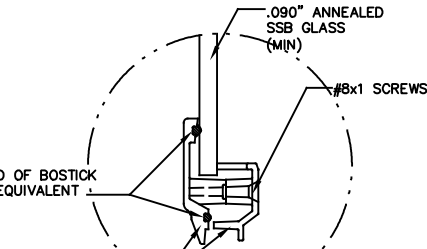
DETAIL C

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

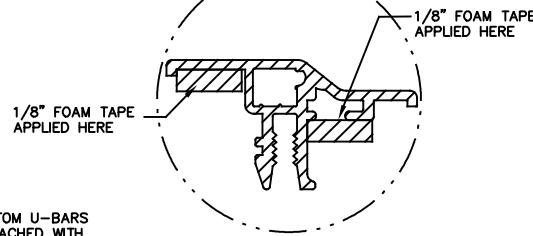


DETAIL D



MOLDED FRAME

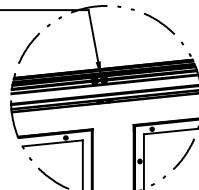
PLASTIC FRAME
(STATIC RATED)
DETAIL E



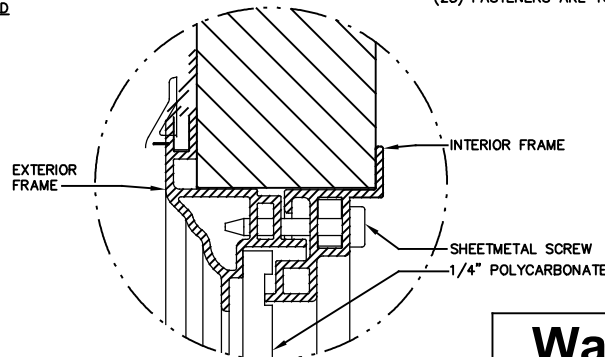
1/8" FOAM TAPE
APPLIED HERE

ALUMINUM FRAME
(STATIC RATED ALTERNATE FRAME OPTION)
DETAIL F

TOP AND BOTTOM U-BARS
SHALL BE ATTACHED WITH
(4) 1/4-14x7/8" SELF DRILLING
CRIMPITITE SCREWS AT EACH
HINGE LOCATION.



DETAIL G



EXTERIOR FRAME

ALL INTERMEDIATE U-BARS SHALL BE ATTACHED WITH (2)
1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS AND ALL
TOP AND BOTTOM U-BARS SHALL BE ATTACHED WITH
(4) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS AT EACH
HINGE LOCATION. ALL U-BARS SHALL BE ATTACHED WITH
(4) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS BETWEEN
ALL END HINGES AND INTERMEDIATE HINGES. A MINIMUM OF
(28) 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
(20) 3" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

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

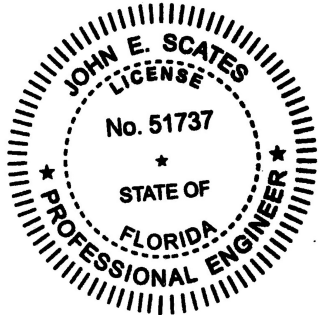
(8) SECTION DOORS WITH
(16) 3" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

(7) SECTION DOORS WITH
(14) 3" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

(6) SECTION DOORS WITH
(12) 3" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

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

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



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MODELS 4600/4650/6600/8300/8350/8500/5150/5200				SHEET 2 OF 2			
WINDLOAD SPECIFICATION OPTION CODE 2611				DRAWING PART NO.		REV.	
				365444		-	