

NOTES:

1. NON IMPACT GLAZING OPTIONS:

16 X 9.75 CLEAR OPENING
36.75 X 9.75 CLEAR OPENING
GLAZING SSB (0.090") MINIMUM.
MAY INCLUDE DECORATIVE INSERTS
INSTALLED IN TOP OR INTERMEDIATE SECTION.
NOT AVAILABLE IN MORE THAN ONE SECTION.
DOES NOT SATISFY WINDBORNE-DEBRIS.

2. IMPACT GLAZING NOT AVAILABLE.

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

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

5. LOUVER OPTION - .032" MINIMUM LOUVERS
IN MOLDED FRAMES SCREWED TOGETHER WITH A
MINIMUM OF (10) #8x1" SCREWS INSTALLED IN
THE BOTTOM SECTION. LOUVERS ARE NOT
IMPACT RESISTANT AND DO NOT MEET THE
REQUIREMENTS FOR WIND-BORNE DEBRIS
REGIONS.

6. SECTION STEEL TO HAVE A MINIMUM 25 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 GRADE 2 SOUTHERN
PINE. 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 WITH A MINIMUM OF (3) 1/4-14x7/8"
SELF DRILLING CRIMPITE SCREWS IN LIEU OF
THE BRACKET SHOWN ON THIS DRAWING.

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 ONE END (NOT

REQUIRED WITH

OPERATOR - SEE NOTE

3). SLIDE LOCK SHOWN

FOR CLARITY

NOTE: (4) SECTION

SOLID DOOR SHOWN. SEE

SHEET 2 FOR U-BAR

LOCATIONS ON DOORS

WITH OTHER SECTION

QUANTITIES AND SEE NOTE

1 THIS SHEET FOR

GLAZING OPTIONS.

13 GA ROLLER SLIDE ATTACHED TO
BRACKET WITH 5/16-18 BOLT & NUT
IN CENTER SLOT AND 1/4-20x9/16"
TRACK BOLT & 1/4-20 HEX NUT
THROUGH ANY TWO ALIGNING HOLES

13 GA COMMERCIAL 'A' FRAME
TOP BRACKET ATTACHED WITH
(4) 1/4-14x7/8" SELF
DRILLING CRIMPITE SCREWS

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

2" NYLON STORMGARD ROLLER
WITH 4-1/2" STEM EACH
ROLLER LOCATION. OPTIONAL-
11 BALL BEARING NYLON
ROLLER

14 GA WIDE BODY END
HINGE ATTACHED WITH
(4) 1/4-14x5/8" SELF
TAPPING SCREWS

18 GA NARROW BODY
INTERMEDIATE HINGE
ATTACHED WITH (4)
1/4-14x5/8" SELF
TAPPING SCREWS

14 GA BOTTOM BRACKET
ATTACHED WITH (2)
1/4-14x7/8" SELF DRILLING
CRIMPITE SCREWS AND (1)
1/4-14x5/8" SELF DRILLING
RED SCREW

20 GA CENTER STILE

DOOR

20 GA END STILE

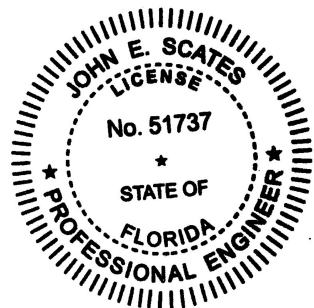
SUPERIMPOSED DESIGN PRESSURE
LOADS ON SUPPORTING STRUCTURE

DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
8'-0"	ALL	+91.6/-105.2
9'-0"	ALL	+103.1/-118.4

JAMB BRACKET SCHEDULE					
DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	TRACK TYPE	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")	
6'-6"	4	4	QI	14" (QI), 34" (JB-US), 44" (QI), 56" (JB-US)	
6'-6"	4	4	FAT	10" (JB-US), 25-3/4" (JB-US), 39" (JB-US), 57-1/4" (JB-US)	
7'-0"	4	4	QI	14" (QI), 29-1/2" (JB-US), 44" (QI), 63-1/4" (JB-US)	
7'-0"	4	4	FAT	10" (JB-US), 29-3/4" (JB-US), 42" (JB-US), 63-1/4" (JB-US)	
7'-6"	5	5	QI	14" (QI), 28-1/2" (JB-US), 43" (QI), 62-1/2" (QI), 72" (JB-US)	
7'-6"	5	5	FAT	10" (JB-US), 26-3/4" (JB-US), 45" (JB-US), 63" (JB-US), 74-1/2" (JB-US)	
8'-0"	5	5	QI	14" (QI), 34" (JB-US), 46" (QI), 58" (JB-US), 66-1/2" (QI)	
8'-0"	5	5	FAT	10" (JB-US), 29-3/4" (JB-US), 48" (JB-US), 57-1/2" (JB-US), 77-1/2" (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.
(QI) FOLLOWING DIMENSION DENOTES QUICK INSTALL JAMB BRACKET INSTALLED IN BUTTERFLY SLOT. NO ADDITIONAL HARDWARE NEEDED TO ATTACH TO TRACK.
ALL DOORS GREATER THAN 8' IN HEIGHT REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SUPPLEMENT TRACK CHART FOR DETAILS.



Digitally signed by John E. Scates P.E.
Date: 2019.02.18 11:00:26 -06'00'

PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR
VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.

JOHN E. SCATES, PE
2560 KING ARTHUR BLVD #124-54
LEWISVILLE, TX 75056
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Wayne Dalton
GARAGE DOORS

A DIVISION OF OVERHEAD DOOR CORP.
3395 ADDISON DRIVE
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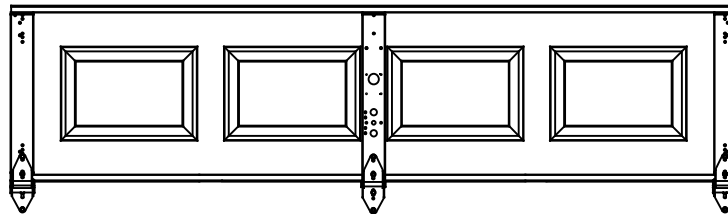
STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+22.90/-26.30	MAX WIDTH:	9'-0"	DATE	NAME		
TEST (PSF):	+34.35/-39.45	MAX HEIGHT:	14'-0"	DRAWN	10/12/18	ESC	
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX SECTION HEIGHT: 21'	CHECKED	10/12/18	DJK		
MODELS 8000/8100/8200				SHEET 1 OF 2			
WINDLOAD SPECIFICATION OPTION CODE 1106				DRAWING PART NO.		REV.	
				364231		P1	

REVISONS

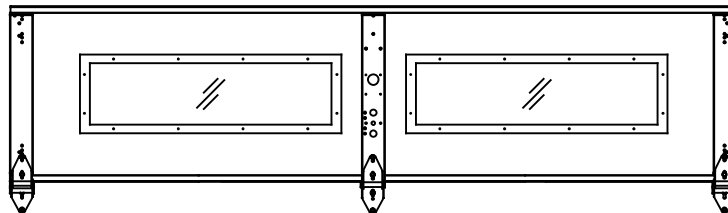
PO NEW DRAWING, PER
ER 31052
ESC 10/12/18

P1 UPDATED NOTES
ADDED LHR DETAIL ER
31052
ESC 2/12/19

CENTER STILE & INTERMEDIATE HINGE LOCATIONS



LONG LITE GLAZING LAYOUT



U-BAR LOCATIONS

(8) SECTION DOORS WITH
(5) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(7) SECTION DOORS WITH
(5) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

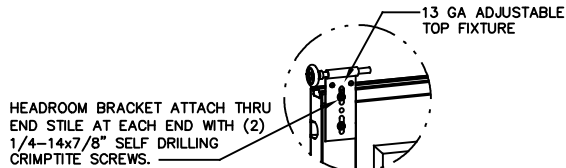
(6) SECTION DOORS WITH
(4) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(5) SECTION DOORS WITH
(4) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

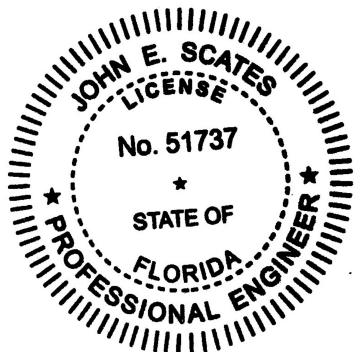
(4) SECTION DOORS WITH
(3) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

ALTERNATE U-BAR LOCATION-MAY
OVERLAP HINGES

ATTACH U-BARS WITH
(2) 1/4-14x7/8" SELF
DRILLING CRIMPITITE SCREWS
AT ALL STILE LOCATIONS, TYP.



LOW HEADROOM TRACK
DETAIL A



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MODELS 8000/8100/8200				SHEET 2 OF 2			
WINDLOAD SPECIFICATION OPTION CODE 1106				DRAWING PART NO.		REV.	
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