

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 OPTION:
16.75 X 9.75 CLEAR OPENING
GLAZING 1/4" GROOVED POLYCARBONATE
ALUMINUM FRAMES WITH 10 SCREWS MAY
INCLUDE DECORATIVE INSERTS INSTALLED IN
TOP OR INTERMEDIATE SECTION.
NOT AVAILABLE IN MORE THAN ONE SECTION.
SEE ASSEMBLY DETAIL ON SHEET 2.

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
REQUIRED.

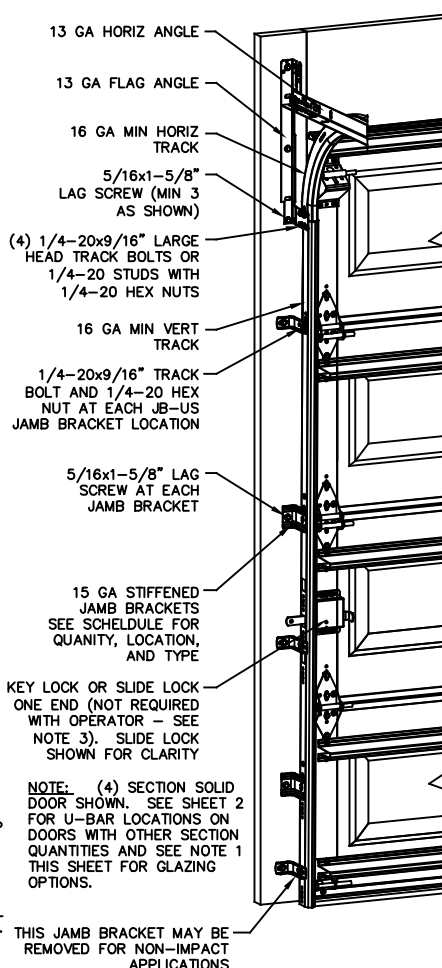
5. LOUVER OPTION - .032" MINIMUM LOUVERS
IN MOLDED FRAMES SCREWED TOGETHER WITH
A MINIMUM OF (10) #8x1" SCREWS INSTALLED
IN THE BOTTOM SECTION. LOUVERS ARE NOT
IMPACT RESISTANT AND DO NOT MEET THE
REQUIREMENTS FOR WIND-BORNE DEBRIS
REGIONS.

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 CRIMPITITE
SCREWS IN LIEU OF THE BRACKET SHOWN ON
THIS DRAWING. U-BAR ON TOP SECTION SHALL
BE INSTALLED ON TOP OF LHR TOP BRACKETS.



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.

THIS JAMB BRACKET MAY BE
REMOVED FOR NON-IMPACT
APPLICATIONS

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

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

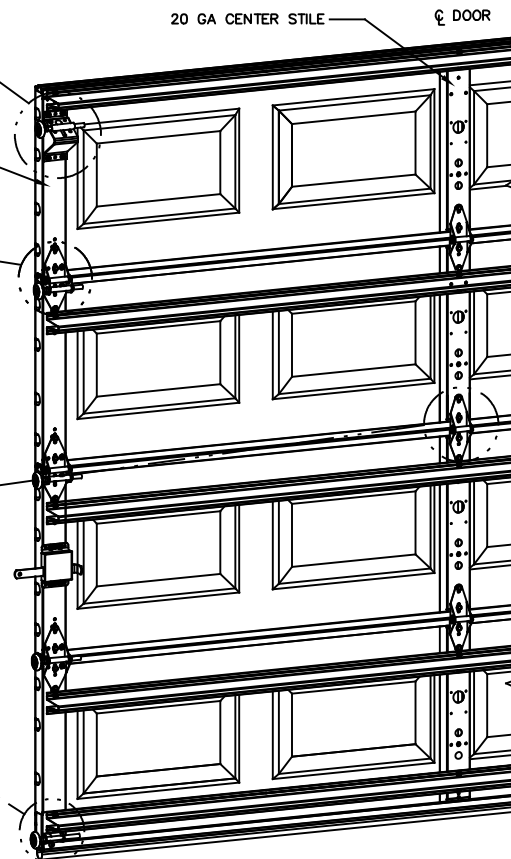
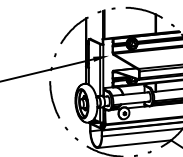
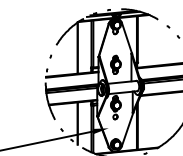
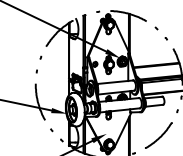
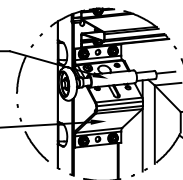
ADD (2) 1/4-14x7/8"
SELF DRILLING CRIMPITITE SCREWS
(INSIDE OF EACH END HINGE)

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

#1 HINGE IS 14 GA
#2 HINGE IS 13 GA
#3 HINGE (AND ALL ABOVE) ARE
13 GA 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
CRIMPITITE SCREWS AND (1)
1/4-14x5/8" SELF DRILLING
RED SCREW. (12 GA FOR
IMPACT RATED ONLY)



SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

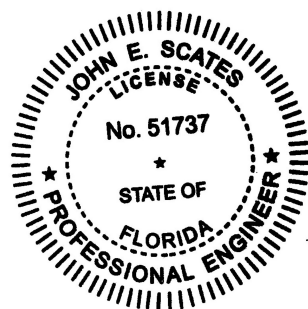
DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
6'-0"	ALL	+107.6/-123.2
9'-0"	ALL	+121.1/-138.6

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	5	QI	2" (JB-US), 14" (QI), 34" (JB-US), 44" (QI), 56" (JB-US)
6'-6"	4	5	FAT	2" (JB-US), 10" (JB-US), 25-3/4" (JB-US), 39" (JB-US), 57-1/4" (JB-US)
7'-0"	4	5	QI	2" (JB-US), 14" (QI), 29-1/2" (JB-US), 44" (QI), 63-1/4" (JB-US)
7'-0"	4	5	FAT	2" (JB-US), 10" (JB-US), 29-3/4" (JB-US), 42" (JB-US), 63-1/4" (JB-US)
7'-6"	5	6	QI	2" (JB-US), 14" (QI), 28-1/2" (JB-US), 43" (QI), 62-1/2" (QI), 72" (JB-US)
7'-6"	5	6	FAT	2" (JB-US), 10" (JB-US), 26-3/4" (JB-US), 45" (JB-US), 63" (JB-US), 74-1/2" (JB-US)
8'-0"	5	6	QI	2" (JB-US), 14" (QI), 34" (JB-US), 46" (QI), 58" (JB-US), 66-1/2" (QI)
8'-0"	5	6	FAT	2" (JB-US), 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 11:01:33 -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
FL PE 51737
TX PE 56308/F2203

Wayne Dalton
GARAGE DOORS

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

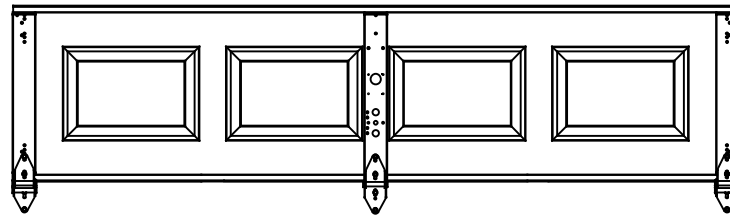
STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+26.90/-30.80	MAX WIDTH:	9'-0"		DATE	NAME	
TEST (PSF):	+40.35/-46.20	MAX HEIGHT:	14'-0"	DRAWN	10/12/18	ESC	
IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 21"		CHECKED	10/12/18	DJK	
MODELS 8000/8100/8200				SHEET 1 OF 2			
WINDLOAD SPECIFICATION OPTION CODE 1107				DRAWING PART NO.		REV.	
				364232		P1	

REVISIONS

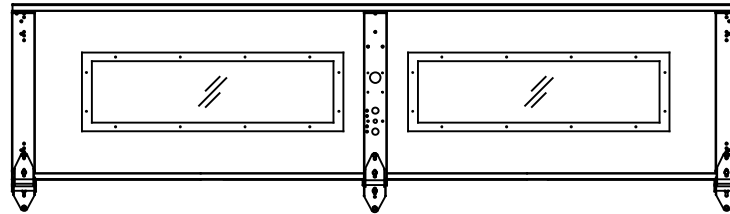
PO NEW DRAWING, PER
ER 31052
ESC 10/12/18

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
(11) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

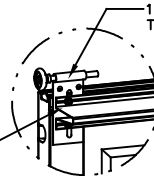
(7) SECTION DOORS WITH
(10) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

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

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

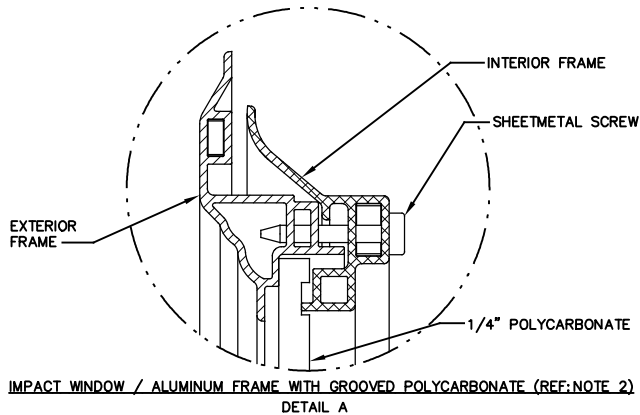
(4) SECTION DOORS WITH
(5) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

PLACE 3" U-BAR OVER LOW
HEADROOM BRACKET ATTACH THRU
END STILE AT EACH END WITH (2)
1/4-14x7/8" SELF DRILLING
CRIMPTITE SCREWS.

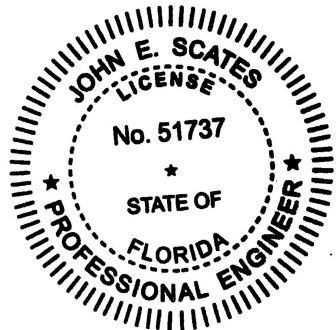


LOW HEADROOM TRACK
DETAIL B

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



IMPACT WINDOW / ALUMINUM FRAME WITH GROOVED POLYCARBONATE (REF: NOTE 2)
DETAIL A



JOHN E. SCATES, PE
2560 KING ARTHUR BLVD #124-54
LEWISVILLE, TX 75056
FL PE 51737
TX PE 56308/F2203

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

Wayne Dalton
GARAGE DOORS

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):	+26.90/-30.80	MAX WIDTH:	9'-0"	DATE	NAME		
TEST (PSF):	+40.35/-46.20	MAX HEIGHT:	14'-0"	DRAWN	10/12/18	ESC	
IMPACT/CYCLIC RATED (YES/NO):	YES	MAX SECTION HEIGHT:	21"	CHECKED	10/12/18	DJK	
MODELS 8000/8100/8200						SHEET 2 OF 2	
WINDLOAD SPECIFICATION OPTION CODE 1107						DRAWING PART NO.	REV.
						364232	P1

REVISIONS
P0 NEW DRAWING, PER
ER 31052
ESC 10/12/18
P1 UPDATED NOTES
ADDED LHR DETAIL ER
31052
ESC 2/12/19