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 LOCKS, OR OPERATOR REQUIRED.

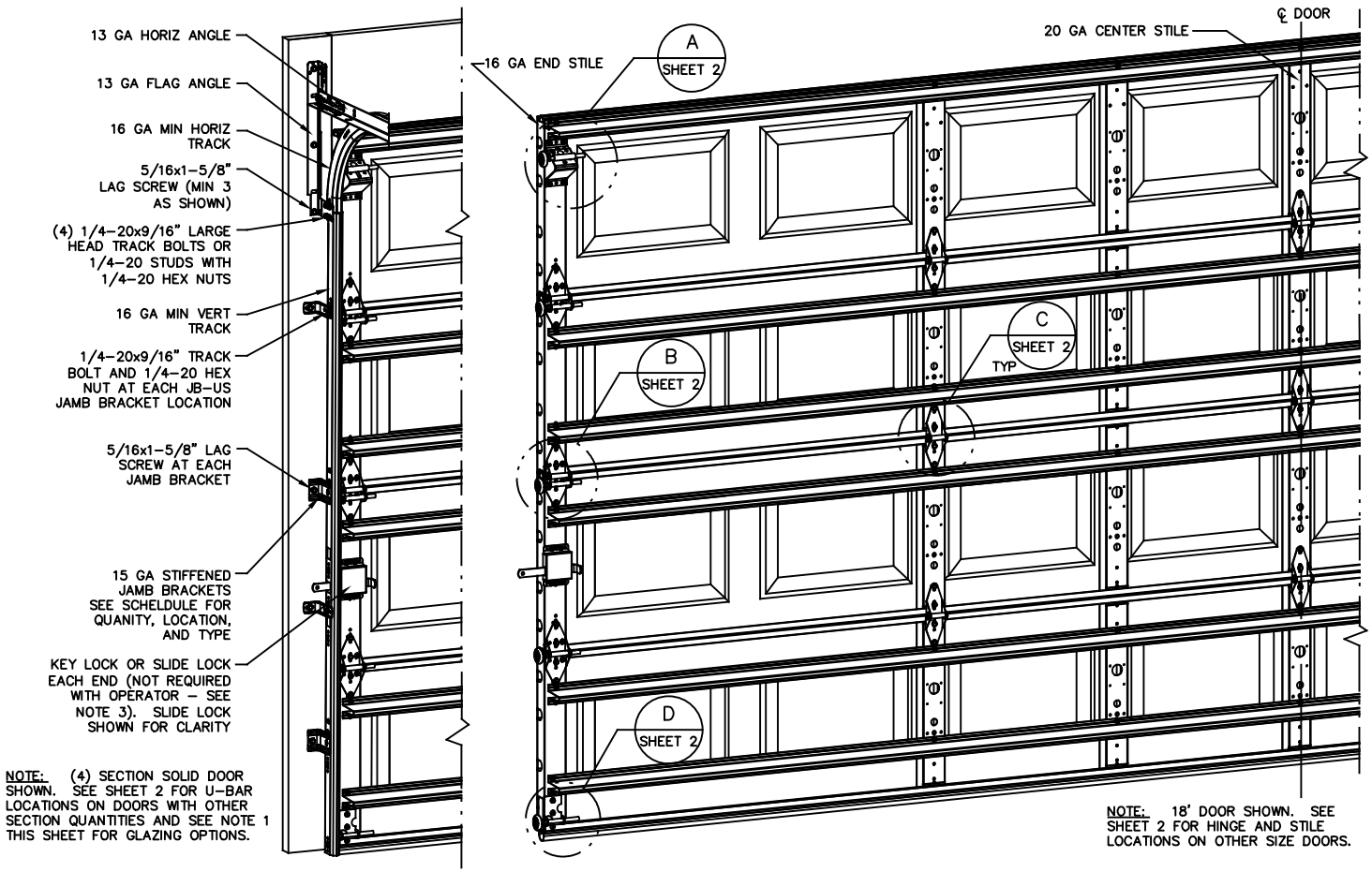
5. LOUVER OPTION - .032" MINIMUM LOUVERS IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (10) #8x1" SCREWS INSTALLED IN THE BOTTOM SECTION. LOUVERS ARE NOT IMPACT RESISTANT AND DO NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.

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 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.



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.

NOTE: 18' DOOR SHOWN. SEE SHEET 2 FOR HINGE AND STILE LOCATIONS ON OTHER SIZE DOORS.

REVISIONS

P1 MODIFIED NOTES TO STATE THAT LOUVERS ARE NOT IMPACT RESISTANT.
GRT 6/29/07

P2 MODIFIED JAMB BRACKET SCHEDULE ALLOWING REPLACEMENT OF QI WITH JB-US. ADDED MAX GLAZING DIMENSION TO NOTES SHEET 1. ADDED TRACK TO FLAG CONNECTION NOTE.
GRT 11/10/07

P3 MODIFIED LOUVER OPTION. ADDED TEXAS LICENSE NUMBER TO TITLE BLOCK.
GRT 9/19/08

P4 UPDATED TITLE BLOCK
GRT 4/16/12

P5 UPDATED NOTE 1.
ESC 11/8/16

P6 UPDATED TITLE BLOCK, REV PER ER 31052
ESC 5/31/18

P7 UPDATED NOTES ADDED LHR DETAIL ER 31052
ESC 2/12/19

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
17'-0"	ALL	+157.3/-176.0
18'-0"	ALL	+166.5/-186.3

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	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.

JOHN E. SCATES LICENSE No. 51737 STATE OF FLORIDA PROFESSIONAL ENGINEER

Digitally signed by John E. Scates P.E.
Date: 2019.02.18 11:39:17 -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):	+18.50/-20.70	MAX WIDTH:	18'-0"		DATE	NAME
TEST (PSF):	+27.75/-31.05	MAX HEIGHT:	14'-0"	DRAWN	5/23/06	GRT
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX SECTION HEIGHT:	21"	CHECKED	1/22/07	MRB

MODELS 8000/8100/8200

SHEET 1 OF 2

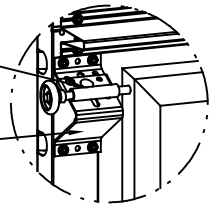
WINDLOAD SPECIFICATION OPTION CODE 1141

DRAWING PART NO. 327021

REV. P7

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 CRIMPTITE SCREWS

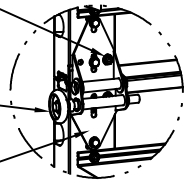


DETAIL A

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

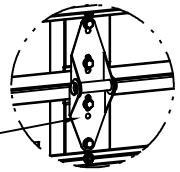
2" NYLON STORMGARD ROLLER WITH 4–1/2" STEM EACH ROLLER LOCATION. OPTIONAL–11 BALL BEARING NYLON ROLLER.

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



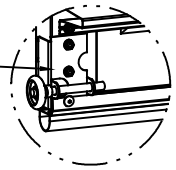
DETAIL B

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



DETAIL C

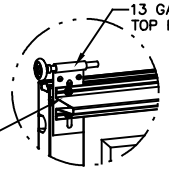
14 GA BOTTOM BRACKET ATTACHED WITH (2) 1/4–14x7/8" SELF DRILLING CRIMPTITE SCREWS AND (1) 1/4–14x5/8" SELF DRILLING RED SCREW



DETAIL D

13 GA ADJUSTABLE TOP FIXTURE

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.

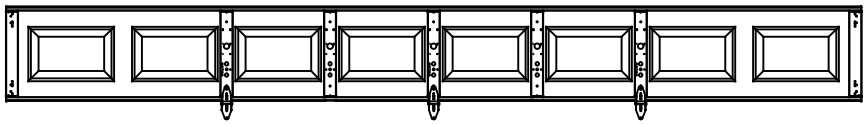


LOW HEADROOM TRACK

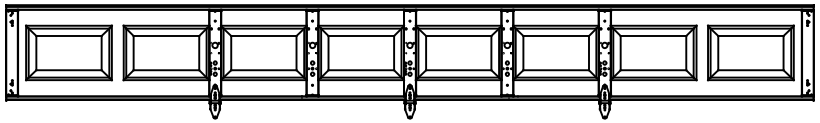
DETAIL E

CENTER STILE & INTERMEDIATE HINGE LOCATIONS

18'

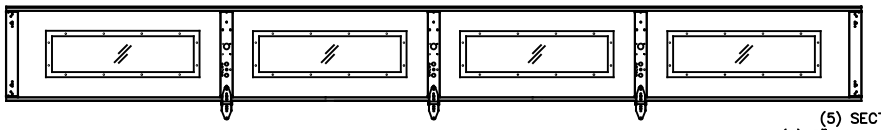


17'

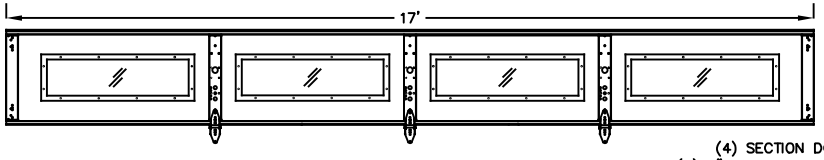


LONG LITE GLAZING LAYOUT

18'

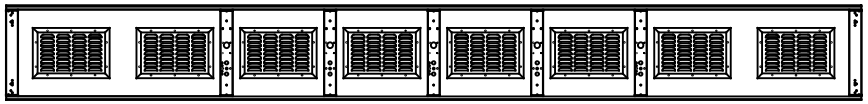


17'

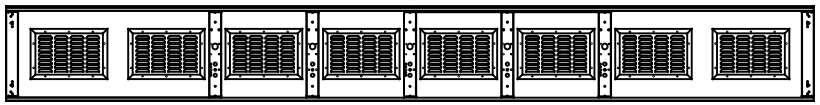


LOUVER – OPTIONAL IN BOTTOM SECTION

18'



17'



U–BAR LOCATIONS

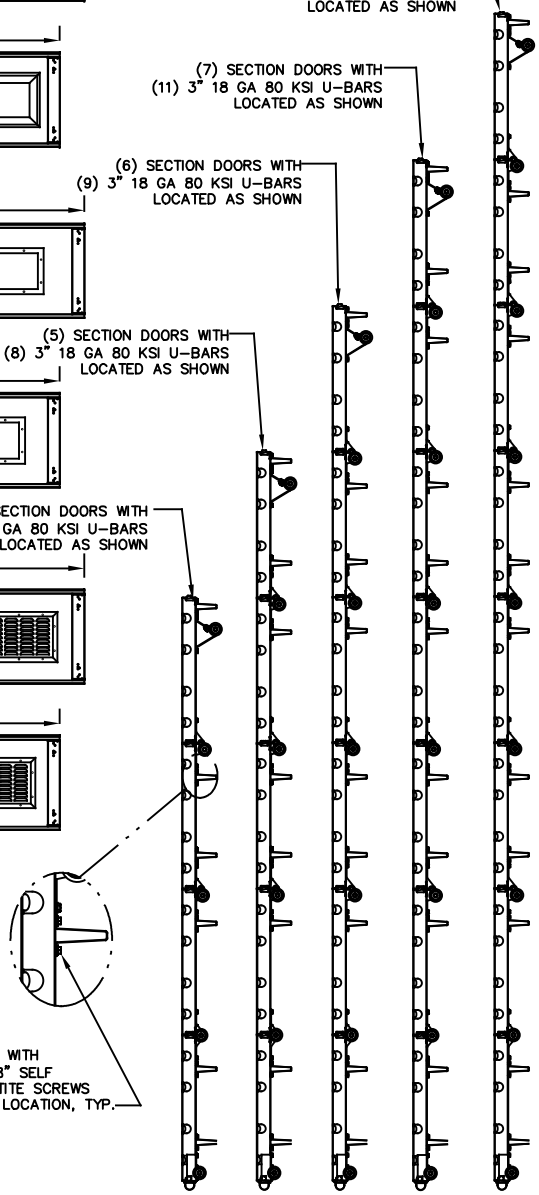
(8) SECTION DOORS WITH (12) 3" 18 GA 80 KSI U–BARS LOCATED AS SHOWN

(7) SECTION DOORS WITH (11) 3" 18 GA 80 KSI U–BARS LOCATED AS SHOWN

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

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

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



ATTACH U–BAR WITH (2) 1/4–14x7/8" SELF DRILLING CRIMPTITE SCREWS AT EACH STILE LOCATION, TYP.

REVISIONS

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GRT 6/29/07

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SHEET 2 OF 2

WINDLOAD SPECIFICATION OPTION CODE 1141

DRAWING PART NO. 327021

REV. P7