NOTES:

1. IMPACT RESISTANT GLAZING OPTION– IMPACT RESISTANT GLAZING SYSTEM MAY BE INSTALLED IN TOP OR INTERMEDIATE SECTION (WITH OR WITHOUT DECORATIVE INSERTS). GLAZING SHALL BE 1/4" POLYCARBONATE. MAXIMUM GLAZING DIMENSIONS SHALL BE 11" x 17" CUTOUT, FASTENED WITH #8 X 1" SMS: 3X ALONG THE HORIZONTAL AND 2X ALONG THE VERTICAL. SEE DETAIL E ON SHEET 2 FOR ASSEMBLY DETAILS.

2. NON–IMPACT REISTANT GLAZING OPTION – .090" MINIMUM SSB GLAZING IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (10) #8x1" SCREWS INSTALLED IN TOP OR INTERMEDIATE SECTION (WITH OR WITHOUT DECORATIVE INSERTS) MEETS UNIFORM STATIC WIND PRESSURES SHOWN ON THIS DRAWING. GLAZING SHALL HAVE A MAXIMUM HEIGHT OF 10.69" AND A MAXIMUM LENGTH OF 16.94". GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND–BORNE DEBRIS REGIONS.

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.

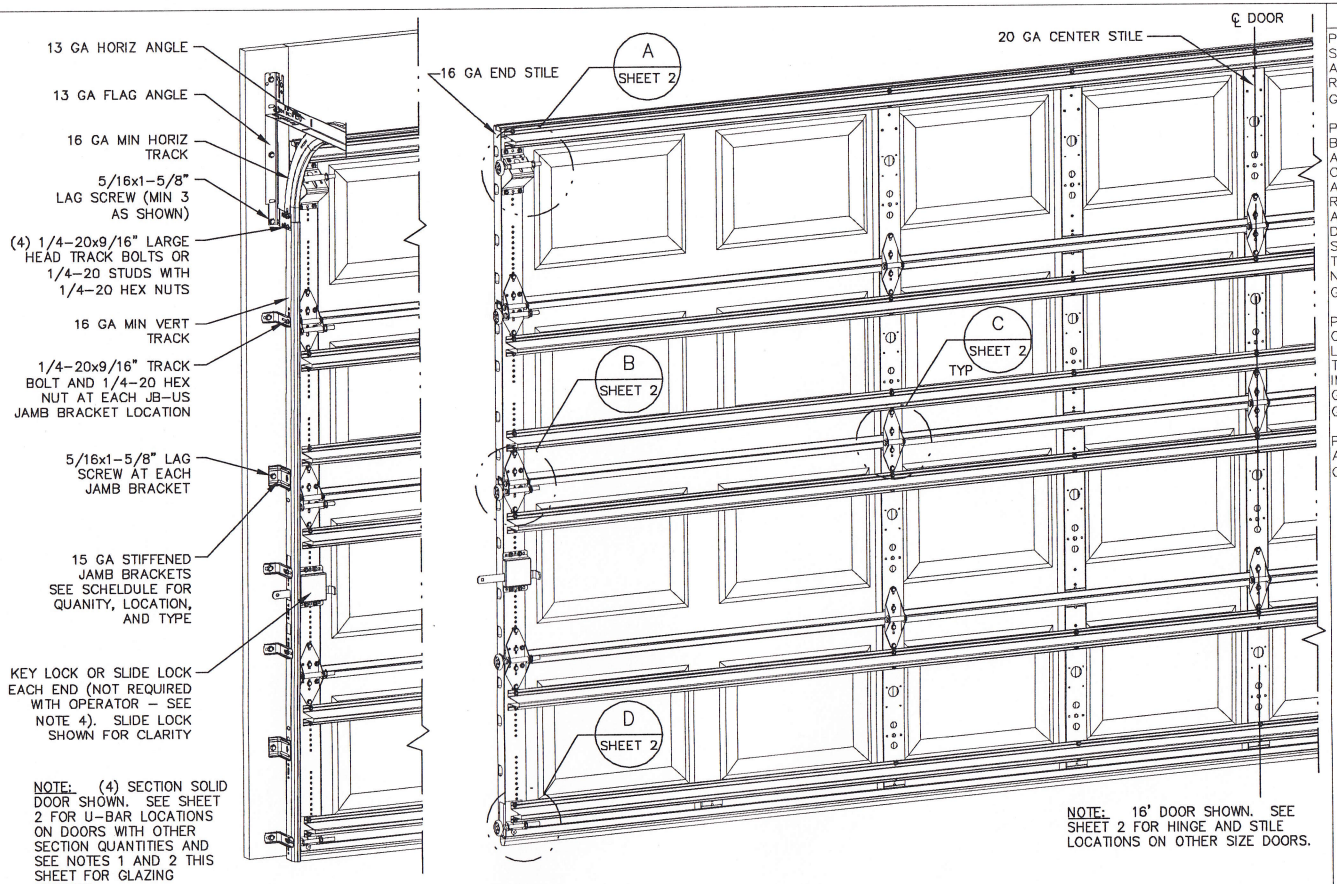
5. LOUVER OPTION – .040" MINIMUM LOUVERS IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (10) #8x1" SCREWS INSTALLED IN THE BOTTOM SECTION. LOUVERS ARE NOT IMPACT RESISTANT AND DO NOT MEET THE REQUIREMENTS FOR WIND–BORNE DEBRIS REGIONS.

6. SECTION STEEL TO HAVE A MINIMUM 26 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 MINIMUM 2x4 STRUCTURAL GRADE LUMBER. 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 NOTES 1 AND 2 THIS SHEET FOR GLAZING OPTIONS.

NOTE: 16' 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 IMPACT RESISTANCE TO DOOR. 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. ADDED IMPACT RESISTANT GLAZING. GRT 9/19/08
P4 UPDATED TITLE BLOCK AND IMPACT GLAZING GRT 4/16/12

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
10'–0"	ALL	+150.0/–167.5
12'–0"	ALL	+180.0/–201.0
14'–0"	ALL	+210.0/–234.5
15'–0"	ALL	+225.0/–251.3
16'–0"	ALL	+240.0/–268.0

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	6	QI	2" (JB–US), 14" (QI), 23–1/2" (JB–US), 34" (JB–US), 44" (QI), 56" (JB–US)
6'–6"	4	6	FAT	2" (JB–US), 10" (JB–US), 21–3/4" (JB–US), 39" (JB–US), 48" (JB–US), 57–1/4" (JB–US)
7'–0"	4	6	QI	2" (JB–US), 14" (QI), 25–1/2" (JB–US), 34" (JB–US), 44" (QI), 63–1/4" (JB–US)
7'–0"	4	6	FAT	2" (JB–US), 10" (JB–US), 25–3/4" (JB–US), 36" (JB–US), 52–1/2" (JB–US), 63–1/4" (JB–US)
7'–6"	5	8	QI	2" (JB–US), 14" (QI), 24–1/2" (JB–US), 32–1/2" (JB–US), 43" (QI), 49" (JB–US), 62–1/2" (QI), 72" (JB–US)
7'–6"	5	8	FAT	2" (JB–US), 10" (JB–US), 22–3/4" (JB–US), 36" (JB–US), 45" (JB–US), 54–1/4" (JB–US), 63" (JB–US), 74–1/2" (JB–US)
8'–0"	5	8	QI	2" (JB–US), 14" (QI), 23" (JB–US), 34" (JB–US), 46" (QI), 58" (JB–US), 66–1/2" (QI), 75–1/2" (JB–US)
8'–0"	5	8	FAT	2" (JB–US), 10" (JB–US), 25–3/4" (JB–US), 39" (JB–US), 48" (JB–US), 57–1/2" (JB–US), 66" (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.
(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.

Mark Sawicki 7/12/12

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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A
DESIGN (PSF):	+30.00/–33.50	MAX WIDTH:	16'–0"		DATE	NAME
TEST (PSF):	+45.00/–50.25	MAX HEIGHT:	14'–0"	DRAWN	5/22/06	GRT
IMPACT/CYCLIC RATED (YES/NO):	YES	MAX SECTION HEIGHT:	21"	CHECKED	1/22/07	MRB

MODELS 8000/8100

WINDLOAD SPECIFICATION OPTION CODE 1123

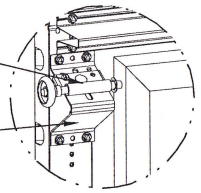
SHEET 1 OF 2

DRAWING PART NO. 327017

REV. P4

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

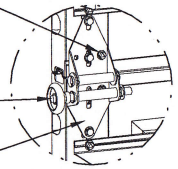


DETAIL A

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

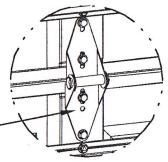
2" NYLON STORMGARD ROLLER WITH 4–1/2" STEM AND 7/16" PUSHNUT AT EACH ROLLER LOCATION. 1/4" MAX BETWEEN PUSHNUT AND BRACKET OR HINGE

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



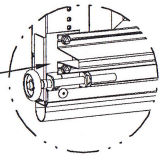
DETAIL B

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



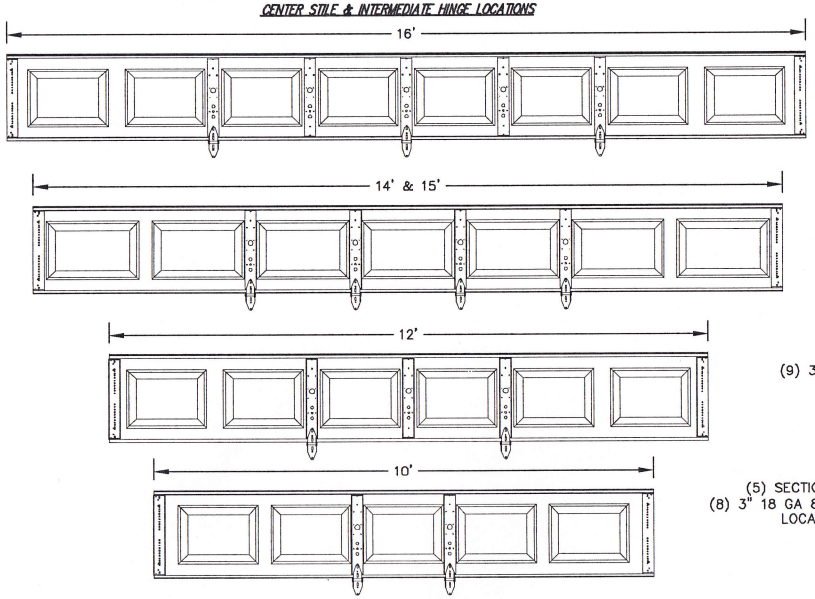
DETAIL C

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

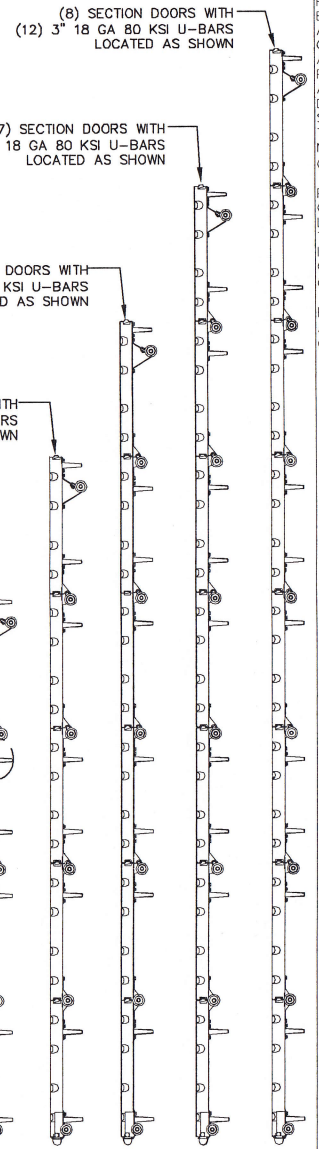


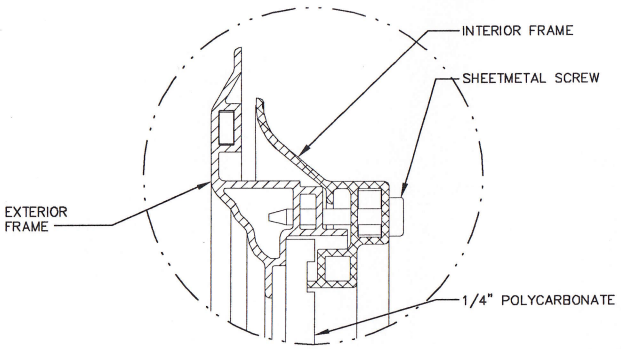
DETAIL D

CENTER STILE & INTERMEDIATE HINGE LOCATIONS



U-BAR LOCATIONS





DETAIL E

REVISIONS

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GRT 6/29/07

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MODELS 8000/8100

WINDLOAD SPECIFICATION OPTION CODE 1123

SHEET 2 OF 2

DRAWING PART NO. 327017

REV. P4