

NOTES:

1. GLAZING OPTION - .125" MINIMUM ANNEALED DSB GLAZING IN MOLDED FRAMES SCREWED TOGETHER IN TOP SECTION ONLY (WITH OR WITHOUT DECORATIVE INSERTS) MEETS UNIFORM STATIC DESIGN PRESSURES SHOWN ON THIS DRAWING. FOR THE VERTICAL RAISED PANEL GLAZING SHALL HAVE A DAYLIGHT OPENING OF 11.375" X 16.25" AND A MINIMUM OF (8) #8x1" SCREWS (2X ALONG THE HORIZONTAL AND 2X ALONG THE VERTICAL) AND FOR THE HORIZONTAL RAISED PANEL GLAZING SHALL HAVE A DAYLIGHT OPENING OF 24.375" X 6.5" AND A MINIMUM OF (8) #8x1" SCREWS (3X ALONG THE HORIZONTAL AND 1X ALONG THE VERTICAL). REFER TO DETAIL E ON SH3. GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGION.

2. VINYL OR WOOD DOOR STOP-MOLDING NAILED WITH 6D COMMON NAILS ON 6" MAXIMUM SPACING MUST OVERLAP TOP AND SIDES OF PANELS 7/16" MINIMUM.

3. SLIDE LOCK OR DRAWBAR OPERATOR REQUIRED.

4. SECTION SHALL BE CONSTRUCTED WITH FOAMED IN PLACE POLYURETHANE FOAM INSULATION CHEMICALLY BONDED TO A MINIMUM .070" FIBERGLASS FACER AND 27 GA STEEL BACKER.

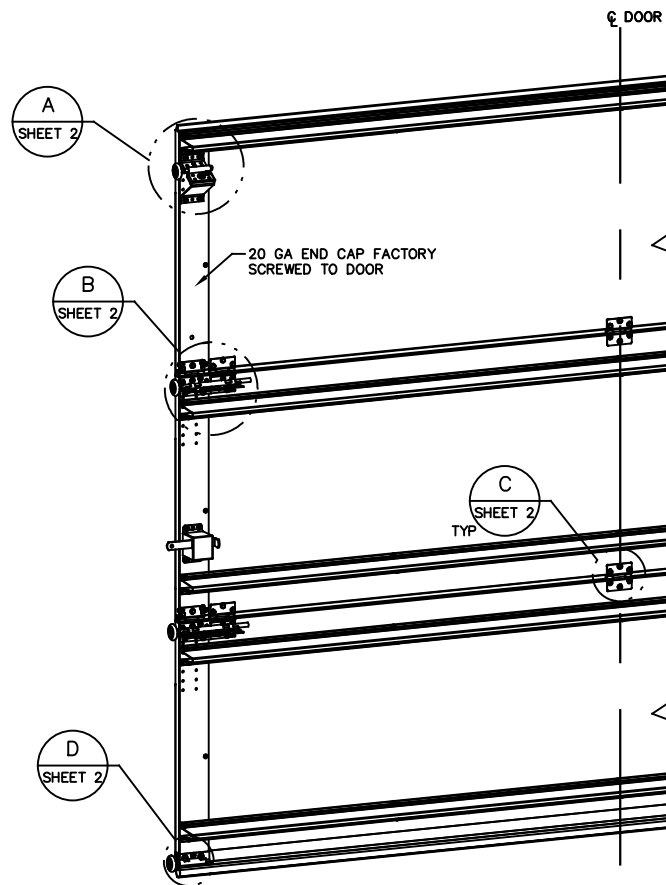
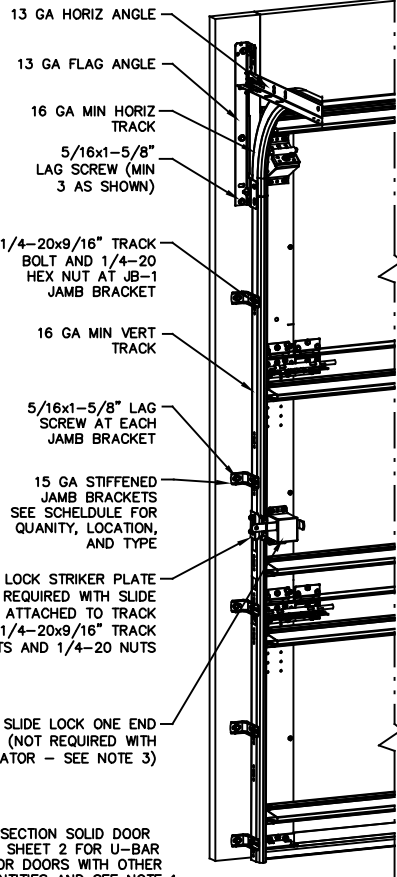
5. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

6. DOOR JAMB TO BE MINIMUM 2x4 SOUTHERN PINE. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.

7. SECTION SHALL HAVE A 5" 25 GA STEEL BACKUP PLATE ACROSS THE TOP OF EACH SECTION.

8. FOR LOW HEAD ROOM LIFT CONDITION TO MEET LING 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.

NOTE: (3) SECTION SOLID DOOR SHOWN. SEE SHEET 2 FOR U-BAR LOCATIONS FOR DOORS WITH OTHER SECTION QUANTITIES AND SEE NOTE 1 THIS SHEET FOR GLAZING OPTION.



REVISIONS

- P CORRECTED BACKER PLATE GAGE IN NOTES. GRT 4/10/07
- P1 CHANGED BACKER STEEL FROM 30 GA TO 27 GA GRT 3/31/08
- P2 ADDED LHR OPTION. UPDATED TITLE BLOCK. UPDATED PER TESTING GRT 8/14/13
- P3 UPDATED PER TESTING GRT 12/11/13
- P4 UPDATED PER TESTING GRT 5/14/14
- E UPDATED PER PCR32744. UPDATED REV LEVELS TO ALPHABETICAL 12/8/21 SW

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

MAX DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
8'-0"	ALL	+124.8/-143.2
9'-0"	ALL	+140.4/-161.1

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")
7'-0"	3	5	2" (JB), 14" (JB), 29-1/2" (JB), 44" (JB), 63-1/4" (JB)
8'-0"	4	6	2" (JB), 14" (JB), 23" (JB), 34" (JB), 46" (JB), 66-1/2" (JB)
> 8'-0"			SEE NOTE BELOW

NOTE:
(JB-1) 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.

NOTE: COMPLIES WITH IBC/IRC 2018.



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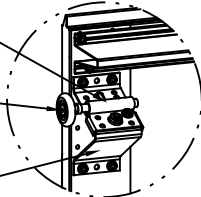
JOHN E. SCATES, PE
2560 KING ARTHUR #124-54
LEWISVILLE, TX 75056
FL PE 51737 TX PE 56308/F2203
PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.

STATIC PRESSURE RATINGS		APPROVED SIZES	SCALE: N.T.S.	SIZE: A	
DESIGN (PSF):	+31.20/-35.80	MAX WIDTH: 9'-0"		DATE	NAME
TEST (PSF):	+46.80/-53.70	MAX HEIGHT: 10'-0"		7/12/06	GRT
IMPACT/CYCLIC RATED (YES/NO): NO		MAX SECTION HEIGHT: 28"	CHECKED	4/11/07	MRB
MODEL 9800			SHEET 1 OF 3		
WINDLOAD SPECIFICATION OPTION CODE 1201				DRAWING PART NO.	REV.
				327932	E

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

2" STEEL ROLLER
WITH 4" STEM

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



DETAIL A

(2) 15 GA HINGE LEAFS
ATTACHED WITH (3)
1/4-14x5/8" CRIMPITTE
SCREWS EACH

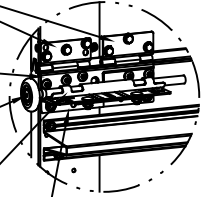
14 GA HINGE BASE
FACTORY ATTACHED TO
DOOR WITH (5)
1/4-14x1/2" SELF DRILLING
CRIMPITTE SCREWS

2" STEEL ROLLER WITH
9" 1144 GRADE OR
EQUIVALENT STEM

13 GA ROLLER SLIDE FACTORY
RIVETED TO HINGE BASE

13 GA REINFORCING BRACKET
ATTACHED TO HINGE BASE WITH (2)
1/4-20x5/8" CARRIAGE BOLTS &
1/4-20 HEX NUTS AND ATTACHED
TO DOOR WITH (2) 1/4-14x7/8" SELF
DRILLING CRIMPITTE SCREWS

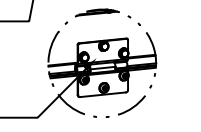
15 GA HINGE ATTACHED WITH (3)
FIELD ATTACHED 1/4-14x5/8" CRIMPITTE
SCREWS AND (3) FACTORY ATTACHED
1/4-14x1/2" SELF DRILLING CRIMPITTE
SCREWS



DETAIL B

12 GA BOTTOM BRACKET FACTORY
ATTACHED WITH (2) 1/4-14x1/2" SELF
DRILLING CRIMPITTE SCREWS AND (1)
1/4-14x5/8" TAMPER RESISTANT
SCREW

2" STEEL ROLLER
WITH 4" STEM



DETAIL C



DETAIL D

U-BAR
ALIGNMENT
LINES ON
END CAPS

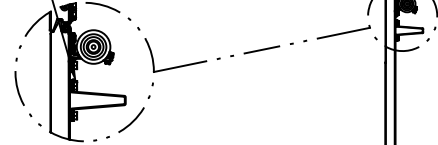
U-BAR LOCATIONS

(5) SECTION DOORS WITH
(9) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

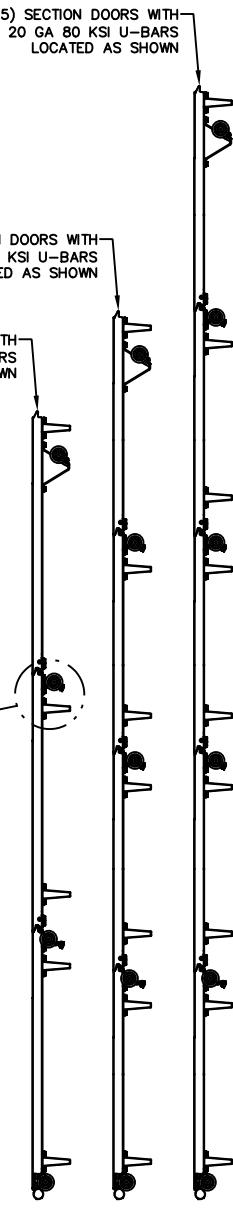
(4) SECTION DOORS WITH
(7) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

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

ALL U-BARS SHALL BE ATTACHED WITH (1)
FASTENER AT EACH HOLE LOCATION (MINIMUM OF
(10) FASTENERS EACH U-BAR). ALL FASTENERS
USED TO ATTACH U-BARS SHALL BE 1/4-14x1/2"
SELF DRILLING CRIMPITTE SCREWS EXCEPT AT
ENDS WHICH SHALL BE 1/4-14x7/8" SELF
DRILLING CRIMPITTE SCREWS.



NOTE: U-BARS SHALL BE INSTALLED LEVEL
ACROSS DOOR. THE U-BAR ON THE TOP OF EACH
SECTION SHALL HAVE THE BOTTOM OF THE U-BAR
ALIGNED WITH THE LINE ON THE TOP PART OF
THE END CAP (EXCEPT THE TOP OF THE TOP
SECTION). THE U-BAR ACROSS THE BOTTOM OF
EACH SECTION SHALL HAVE THE BOTTOM OF THE
U-BAR ALIGNED WITH THE LINE ON THE LOWER
PART OF THE END CAP. SEE DETAIL B THIS
SHEET.



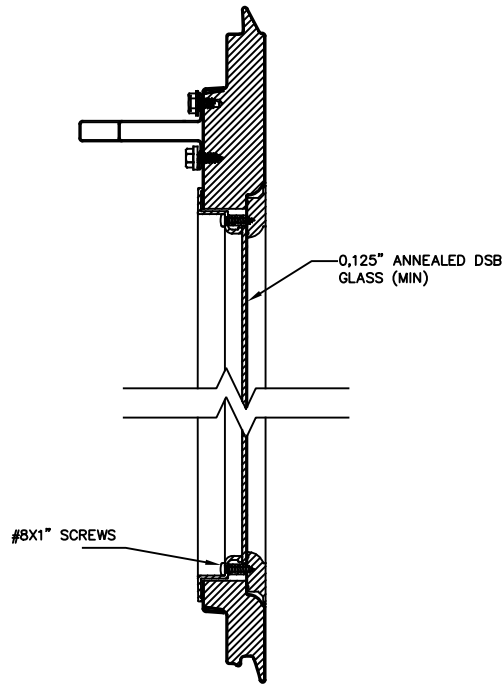
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IMPACT/CYCLIC RATED (YES/NO): NO		MAX SECTION HEIGHT: 28'	CHECKED	4/11/07	MRB		
MODEL 9800				SHEET 2 OF 3			
WINDLOAD SPECIFICATION OPTION CODE 1201				DRAWING PART NO.		REV.	
				327932		E	



NON-IMPACT FRAME
(STATIC RATED)

DETAIL E

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MODEL 9800						SHEET 3 OF 3	
WINDLOAD SPECIFICATION OPTION CODE 1201				DRAWING PART NO.	REV.		
				327932	E		