

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 9.25" X 16" 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 21.5" X 6.25" AND A MINIMUM OF (8) #8x1" SCREWS (3X ALONG THE HORIZONTAL AND 1X ALONG THE VERTICAL). REFER TO DETAIL E ON SH 3. 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 BOTH ENDS OF PANELS MINIMUM 7/16".

3. SLIDE LOCKS (2) 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.

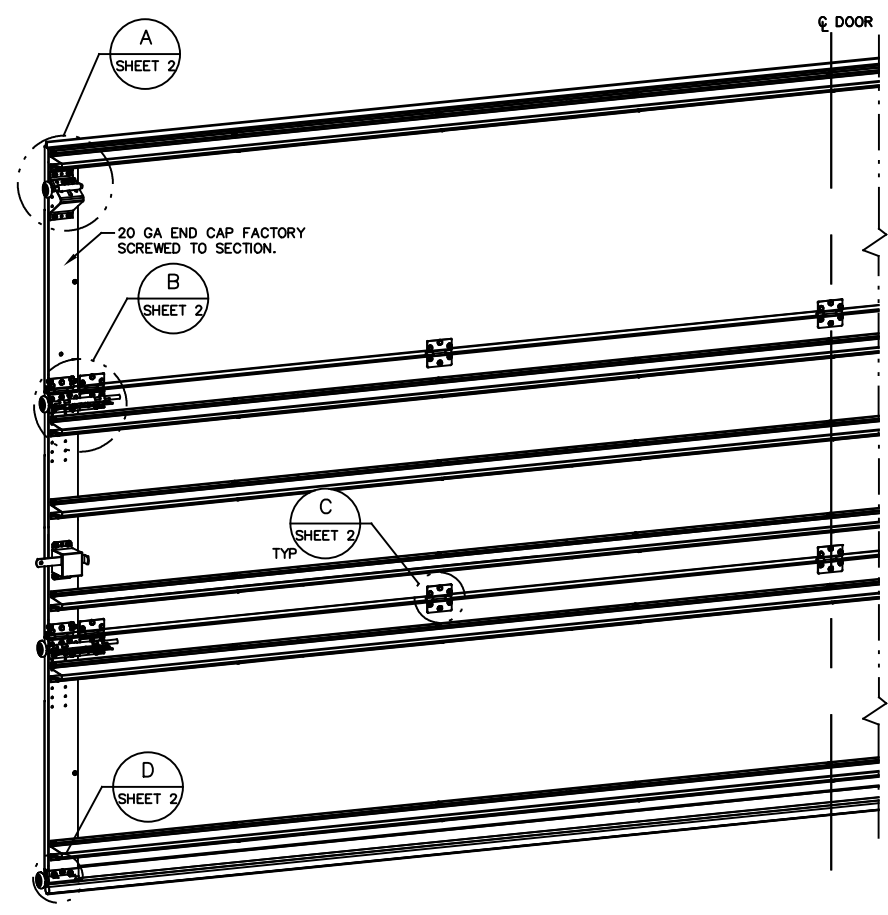
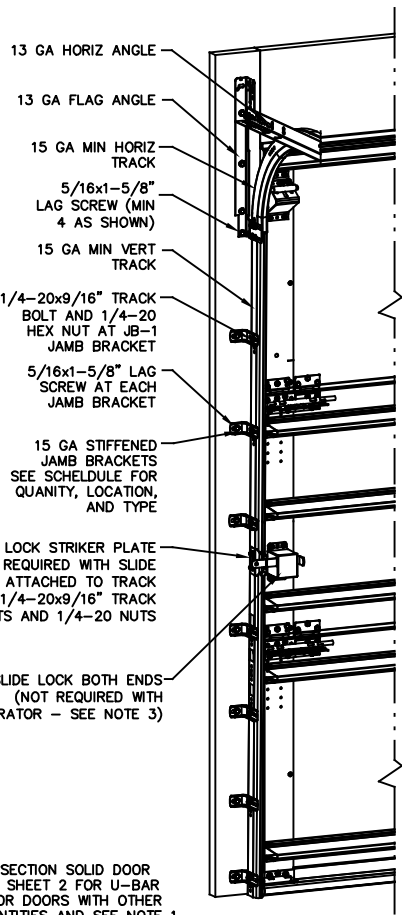
6. DOOR JAMB TO BE MINIMUM 2x4 SOUTHERN PINE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.

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

8. FOR LOW HEAD ROOM LIFT 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. U-BAR ON TOP SECTION SHALL BE INSTALLED ON TOP OF LHR TOP BRACKETS.

13 GA HORIZ ANGLE
13 GA FLAG ANGLE
15 GA MIN HORIZ TRACK
5/16x1-5/8" LAG SCREW (MIN 4 AS SHOWN)
15 GA MIN VERT TRACK
1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT AT JB-1 JAMB BRACKET
5/16x1-5/8" LAG SCREW AT EACH JAMB BRACKET
15 GA STIFFENED JAMB BRACKETS SEE SCHEDULE FOR QUANTITY, LOCATION, AND TYPE
SECURE LOCK STRIKER PLATE (ONLY REQUIRED WITH SLIDE LOCK) ATTACHED TO TRACK WITH (2) 1/4-20x9/16" TRACK BOLTS AND 1/4-20 NUTS
SLIDE LOCK BOTH ENDS (NOT REQUIRED WITH OPERATOR - SEE NOTE 3)

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
PCR 32177 REV A
ADDED ORACLE MODEL NUMBERS
10/28/19
PCR 32442 REV B
ADDED NYLON BALL BEARING ROLLER OPTION.
JQ 9/17/20
C 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)
10'-0"	ALL	+115.0/-125.0
16'-0"	ALL	+184.0/-200.0

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	7	2" (JB), 10" (JB), 21-3/4" (JB), 29-3/4" (JB), 42" (JB), 52-1/2" (JB), 63-1/4" (JB)
8'-0"	4	8	2" (JB), 10" (JB), 21-3/4" (JB), 29-3/4" (JB), 39" (JB), 48" (JB), 57-1/2" (JB), 75-1/2" (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.
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.

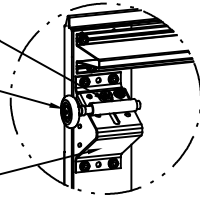
JOHN E. SCATES, PE
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Lewisville, TX 75056
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SUITE 200 LEWISVILLE, TX 75067
(800) 275-3920

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+23.00/-25.00	MAX WIDTH:	16'-0"	DATE	7/14/14	NAME	GRT
TEST (PSF):	+34.50/-37.50	MAX HEIGHT:	10'-0"	DRAWN			
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX SECTION HEIGHT:	28"	CHECKED			
MODEL 980, 7800				SHEET 1 OF 3			
				DRAWING PART NO.		REV.	
				411361		C	

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

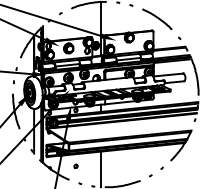


2" STEEL ROLLER WITH 4" STEM. OPTIONAL NYLON BALL BEARING ROLLER AVAILABLE

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

DETAIL A

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

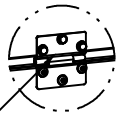


14 GA HINGE BASE FACTORY ATTACHED TO DOOR WITH (5) 1/4-14x1/2" SELF DRILLING CRIMPITITE SCREWS

2" STEEL ROLLER WITH 9" 1144 GRADE OR EQUIVALENT STEM. OPTIONAL NYLON BALL BEARING ROLLER AVAILABLE

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 CRIMPITITE SCREWS



DETAIL C

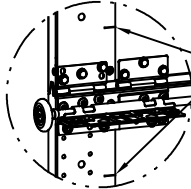
15 GA HINGE ATTACHED WITH (3) FIELD ATTACHED 1/4-14x5/8" CRIMPITITE SCREWS AND (3) FACTORY ATTACHED 1/4-14x1/2" SELF DRILLING CRIMPITITE SCREWS



DETAIL D

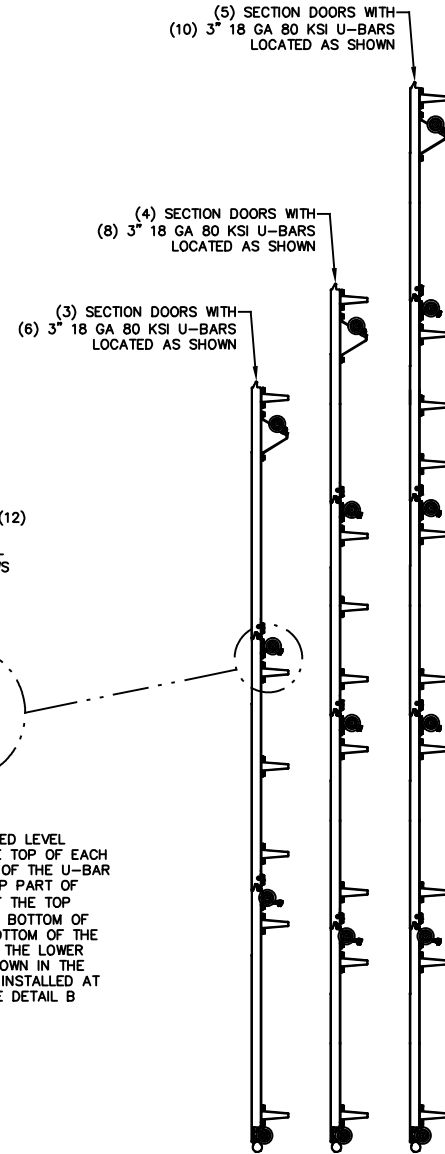
12 GA BOTTOM BRACKET FACTORY ATTACHED WITH (2) 1/4-14x1/2" SELF DRILLING CRIMPITITE SCREWS AND (1) 1/4-14x5/8" TAMPER RESISTANT SCREW

2" STEEL ROLLER WITH 4" STEM. OPTIONAL NYLON BALL BEARING ROLLER AVAILABLE

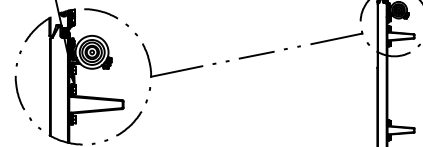


U-BAR ALIGNMENT LINES ON END CAPS

U-BAR LOCATIONS



ALL U-BARS SHALL BE ATTACHED WITH (1) FASTENER AT EACH HOLE LOCATION (MINIMUM OF (18) FASTENERS PER U-BAR FOR 16' WIDE AND (12) FASTENERS PER U-BAR FOR 10' AND 12' WIDE). ALL FASTENERS USED TO ATTACH U-BARS SHALL BE 1/4-14x1/2" SELF DRILLING CRIMPITITE SCREWS EXCEPT AT ENDS WHICH SHALL BE 1/4-14x7/8" SELF DRILLING CRIMPITITE 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. U-BAR SHOWN IN THE MIDDLE OF THE SECTION SHALL BE INSTALLED AT THE MIDPOINT OF THE SECTION. SEE DETAIL B THIS SHEET.

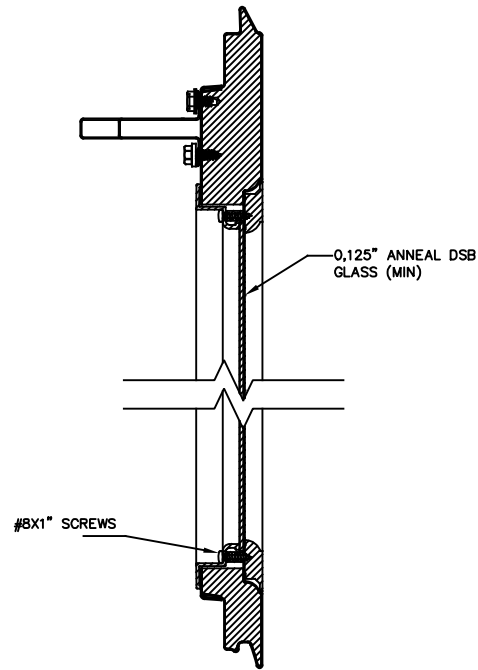
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TEST (PSF):	+34.50/-37.50	MAX HEIGHT:	10'-0"	DRAWN	7/14/14 GRT		
IMPACT/CYCLIC RATED (YES/NO): NO		MAX SECTION HEIGHT:	28"	CHECKED			
MODEL 980, 7800				SHEET 2 OF 3			
				DRAWING PART NO.		REV.	
				411361		C	



NON-IMPACT FRAME
(STATIC RATED)

DETAIL E

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IMPACT/CYCLIC RATED (YES/NO): NO		MAX SECTION HEIGHT: 28"		CHECKED			
MODEL 980, 7800				SHEET 3 OF 3			
				DRAWING PART NO. 411361		REV. C	