

1. GLAZING OPTION - .125" MINIMUM 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). GLAZING IS NOT
IMPACT RESISTANT AND DOES NOT MEET THE
REQUIREMENTS FOR WIND-BORNE DEBRIS REGION.

2. 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.

3. SLIDE LOCK OR 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 STRUCTURAL GRADE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.

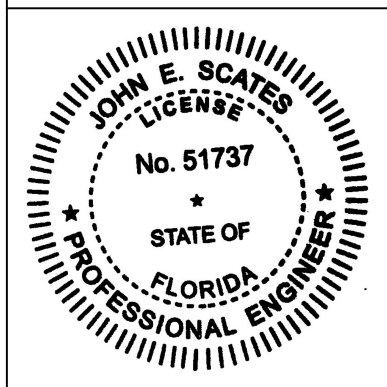
7. SECTION SHALL HAVE A 5" 25 GA STEEL BACKUP PLATE ACROSS THE TOP OF EACH SECTION.

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.

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.

SUPERIMPOSED DESIGN PRESSURE
LOADS ON SUPPORTING STRUCTURE

MAX DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
8'-0"	ALL	+164.0/-185.2
9'-0"	ALL	+184.5/-208.4



E. (3) SECTION SOLID DOOR
OWN. SEE SHEET 2 FOR U-BAR
ATIONS FOR DOORS WITH OTHER
TION QUANTITIES AND SEE NOTE 1
SHEET FOR GLAZING OPTION.

DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS $\pm 2"$)
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.

(Q1) 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: 2020.09.18 14:51:27 -05'00'

JOHN E. SCATES, PE
2560 King Arthur #124-25
Lewisville, TX 75056
FL PE 51737 TX PE 56308/F2203

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

The Genuine. The Original.

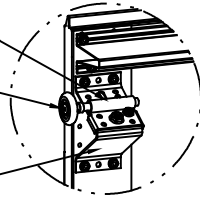


OVERHEAD DOOR CORPORATION
2501 SOUTH STATE HIGHWAY 121
SUITE 200 LEWISVILLE, TX 75067
(800) 275-3920

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF): +41.00/-46.30		MAX WIDTH: 9'-0"		DATE		NAME	
TEST (PSF): +61.50/-69.45		MAX HEIGHT: 10'-0"		DRAWN 7/14/14		GRT	
IMPACT/CYCLIC RATED (YES/NO): NO		MAX SECTION HEIGHT: 28"		CHECKED			
MODEL 980, 7800				SHEET 1 OF 2			
				DRAWING PART NO. 411359		REV. B	

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 CRIMPITTE
SCREWS

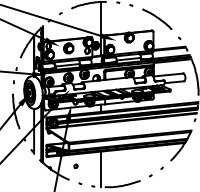


DETAIL A

(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. OPTIONAL NYLON BALL
BEARING ROLLER AVAILABLE

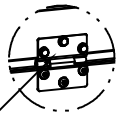


DETAIL B

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

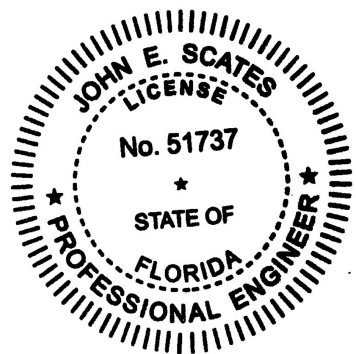


DETAIL C

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



DETAIL D



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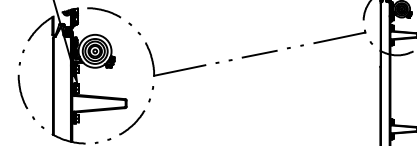
U-BAR LOCATIONS

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

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

(3) SECTION DOORS WITH
(6) 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. U-BAR SHOWN IN THE
MIDDLE OF THE SECTION SHALL BE INSTALLED AT
THE MIDPOINT OF THE SECTION. SEE DETAIL B
THIS SHEET.

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

The Genuine. The Original.



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STATIC PRESSURE RATINGS

DESIGN (PSF):	+41.00/-46.30
TEST (PSF):	+61.50/-69.45
IMPACT/CYCLIC RATED (YES/NO):	NO

APPROVED SIZES

MAX WIDTH:	9'-0"
MAX HEIGHT:	10'-0"
MAX SECTION HEIGHT:	28"

SCALE: N.T.S.

DRAWN	7/14/14
CHECKED	

SIZE: A

DATE	NAME
GRT	

MODEL 980, 7800

SHEET 2 OF 2

DRAWING PART NO.

411359

REV.

B