

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 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). 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)
10'-0"	ALL	+76.5/-85.0
16'-0"	ALL	+122.4/-136.0

A circular professional engineer seal for John E. Scates. The outer ring contains the text "JOHN E. SCATES" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The inner circle contains the text "LICENSE" at the top, "No. 51737" in the center, and "STATE OF FLORIDA" at the bottom, also separated by two stars. The seal is surrounded by a series of short, parallel lines.

E. (3) SECTION SOLID DOOR
DOWN. SEE SHEET 2 FOR U-BAR
NOTATIONS FOR DOORS WITH OTHER
SECTION QUANTITIES AND SEE NOTE 1
ON 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	7	2" (JB-1), 10" (JB-1), 21-3/4" (JB-1), 29-3/4" (JB-1), 42" (JB-1), 52-1/2" (JB-1), 63-1/4" (JB-1)
8'-0"	4	8	2" (JB-1), 10" (JB-1), 21-3/4" (JB-1), 29-3/4" (JB-1), 39" (JB-1), 48" (JB-1), 57-1/2" (JB-1), 75-1/2" (JB-1)
> 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.

Digitally signed by John E. Scates, P.E.
Date: 2020.09.18 14:50:49 -05'00'

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.

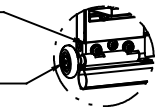
The Genuine. The Original.



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): +15.30/-17.00		MAX WIDTH: 16'-0"		DATE		NAME	
TEST (PSF): +22.95/-25.50		MAX HEIGHT: 10'-0"		DRAWN 7/14/14		GRT	
IMPACT/CYCLIC RATED (YES/NO): NO		MAX SECTION HEIGHT: 28"		CHECKED			
MODEL 980, 7800				SHEET 1 OF 2			
				DRAWING PART NO. 411360		REV. B	

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



DETAIL D

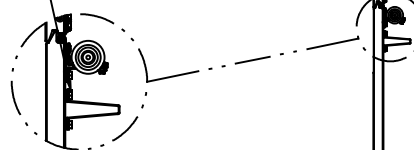
—U—BAR
ALIGNMENT
LINES ON
END CAPS

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

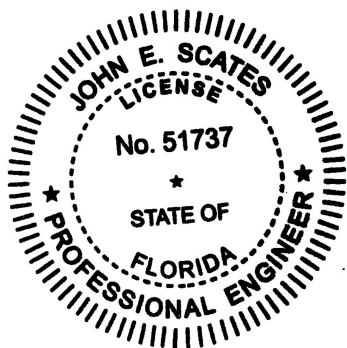
(4) SECTION DOORS WITH
(5) 3" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

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

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 CRIMPITE SCREWS EXCEPT AT ENDS WHICH SHALL BE 1/4-14x7/8" SELF DRILLING CRIMPITE 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			
MODEL 980, 7800				SHEET 2 OF 2			
				DRAWING PART NO. 411360		REV. B	

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