

NOTES:

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.

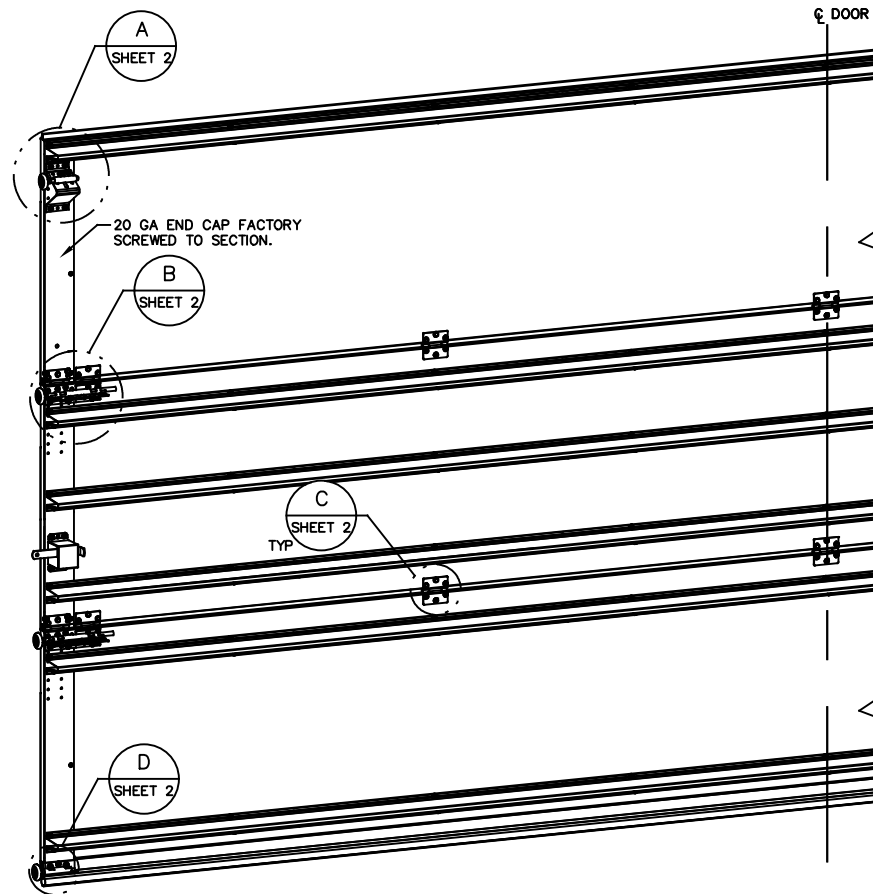
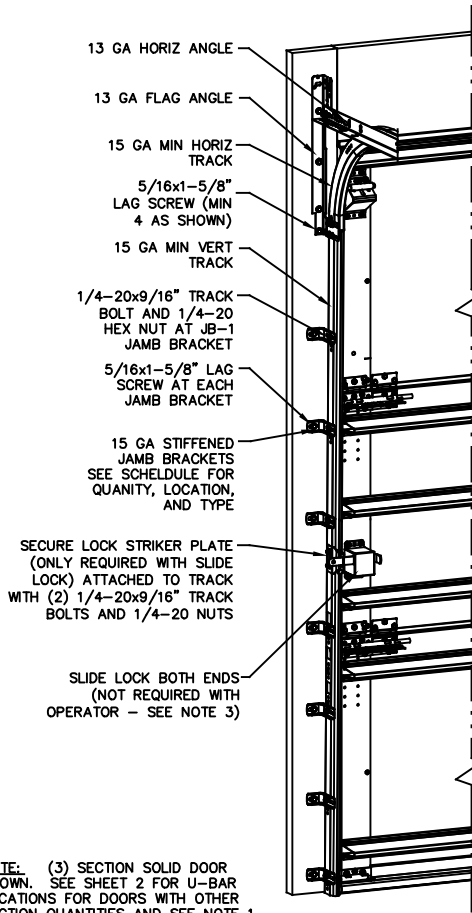
5. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

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.



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

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

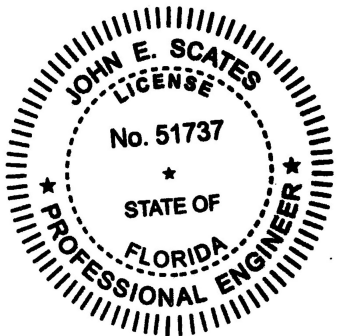
JAMB BRACKET SCHEDULE

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.



Digitally signed by John E. Scates, P.E.
Date: 2020.09.18 14:50:07 -05'00'

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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):	+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 2			
				DRAWING PART NO.		REV.	
				411361		B	

A technical diagram showing a lathe tool cutting a thread on a workpiece. The tool is positioned to cut a thread into the workpiece, which is rotating. The diagram illustrates the geometry of the thread being formed.

DETAIL A

A technical drawing of a mechanical assembly, likely a pump or motor component. It shows a cross-section of a cylindrical housing with internal components. A central shaft or rotor is visible, surrounded by a stator or housing. The drawing includes various bolts, screws, and internal structural elements. A dashed circle highlights a specific area of the assembly.

DE

DETAIL C

A schematic diagram of a three-roller mill. It consists of three horizontal rollers arranged vertically. The top roller rotates clockwise, the middle roller rotates counter-clockwise, and the bottom roller rotates clockwise. Arrows indicate the rotation direction for each roller. The rollers are mounted on a common frame.

DETAIL D

9

ES

DETAIL B

DETAIL D

—U—BAR
ALIGNMENT
LINES ON
END CAPS

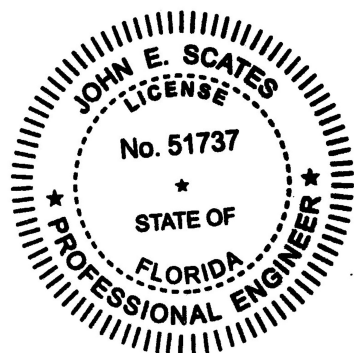
(5) SECTION DOORS WITH-
(10) 3" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

(4) SECTION DOORS WITH
(8) 3" 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

(3) SECTION DOORS WITH
(6) 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. 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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IMPACT/CYCLIC RATED (YES/NO): NO		MAX SECTION HEIGHT: 28"		CHECKED			
MODEL 980, 7800				SHEET 2 OF 2			
				DRAWING PART NO. 411361		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