

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.

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)

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

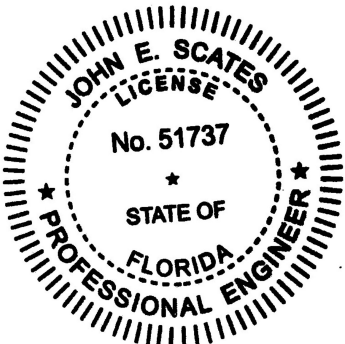
JAMB BRACKET SCHEDULE

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-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 13:53:31 -05'00'

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



A DIVISION OF OVERHEAD DOOR CORP
3395 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
(850) 474-9890

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	7/13/06	GRT	
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX SECTION HEIGHT:	28"	CHECKED	4/11/07	MRB	
MODEL 9800				SHEET 1 OF 2			
WINDLOAD SPECIFICATION OPTION CODE 1220				DRAWING PART NO.		REV.	
				327934		E	

REVISIONS

- A CHANGED BACKER
STEEL FROM 30 GA TO
27 GA
GRT 3/31/08
- B ADDED LHR OPTION.
UPDATED TITLE BLOCK.
UPDATED PER TESTING
GRT 8/14/13
- C UPDATED PER TESTING
GRT 12/11/13
- D UPDATED PER TESTING
GRT 5/14/14
- E PCR 32442 ADDED
NYLON BALL BEARING
ROLLER OPTION.
JQ 9/17/20

A technical diagram of a lathe machine. A cylindrical workpiece is mounted on the lathe bed between the headstock and tailstock. A cutting tool is positioned against the workpiece, and a dashed line indicates the path of the tool as it moves along the length of the workpiece to perform a turning operation.

DETAIL A

DE

A technical diagram showing a cross-section of a bolted connection. A horizontal plate is connected to a vertical beam. The plate has a width of 1/2" and a thickness of 3/8". The beam has a width of 1/2" and a thickness of 3/8". The connection is made using two bolts, one on each side of the beam. The bolts are shown in cross-section, with the heads on the plate and the shafts passing through the beam. The bolts are labeled with a diameter of 1/2" and a length of 3/8".

DETAIL C

Diagram of the front of the machine. A label 'SYSTEM. ING' is shown with a line pointing to the front panel. Another label 'ER' is shown with a line pointing to the top of the machine.

DETAIL D

11

STATES

DETAIL B

DETAIL C

DETAIL D

—U—BAR
ALIGNMENT
LINES ON
END CAPS

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 CRIMPTITE SCREWS EXCEPT AT ENDS WHICH SHALL BE 1/4-14x7/8" SELF DRILLING CRIMPTITE 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.

(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

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

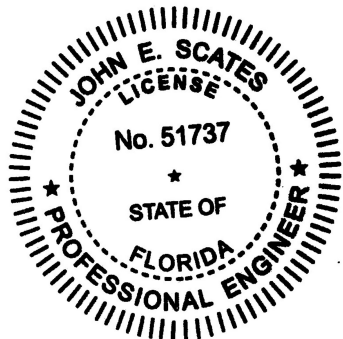
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IMPACT/CYCLIC RATED (YES/NO): NO		MAX SECTION HEIGHT: 28"		CHECKED 4/11/07		MRB	
MODEL 9800				SHEET 2 OF 2			
				DRAWING PART NO.		REV.	
WINDLOAD SPECIFICATION OPTION CODE 1220				327934		E	