

**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 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.

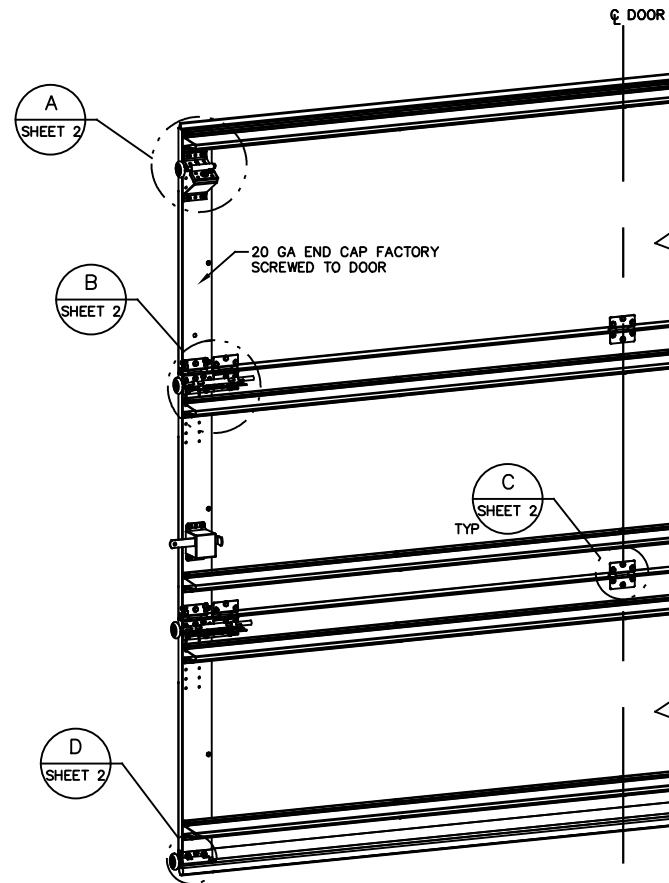
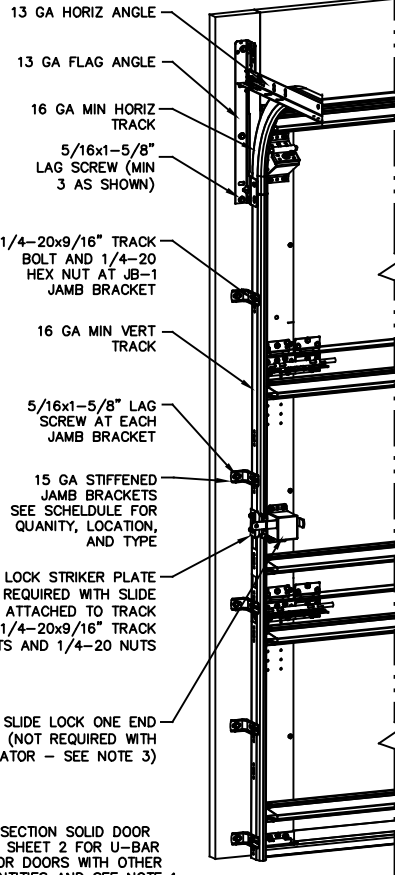
5. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

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.



| 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           |

**SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE**

| MAX DOOR WIDTH | DOOR HEIGHT | UNIFORM LOAD EACH JAMB (PLF) |
|----------------|-------------|------------------------------|
| 8'-0"          | ALL         | +124.8/-143.2                |
| 9'-0"          | ALL         | +140.4/-161.1                |

**JAMB BRACKET SCHEDULE**

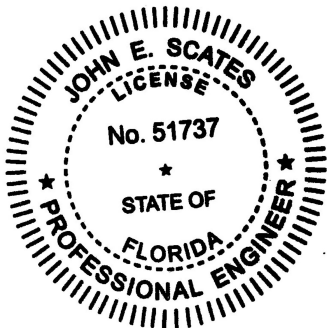
| DOOR HEIGHT | NO. OF SECTIONS | NO. OF JAMB BRACKETS (EACH JAMB) | LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2") |
|-------------|-----------------|----------------------------------|---------------------------------------------------------------------------------------------|
| 7'-0"       | 3               | 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.

(QI) 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 13:54:54 -05'00'

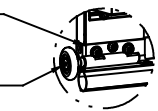
JOHN E. SCATES, PE  
2560 KING ARTHUR #124-54  
LEWISVILLE, TX 75056  
FL PE 51737 TX PE 56308/F2203  
PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.



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):                           | +31.20/-35.80 | MAX WIDTH:              | 9'-0"   |                  | DATE    |         | NAME |
| TEST (PSF):                             | +46.80/-53.70 | MAX HEIGHT:             | 10'-0"  | DRAWN            | 7/12/06 |         | 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 1201 |               |                         |         | DRAWING PART NO. |         | REV.    |      |
|                                         |               |                         |         | 327932           |         | E       |      |

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



DETAIL D

—U—BAR  
ALIGNMENT  
LINES ON  
END CAPS

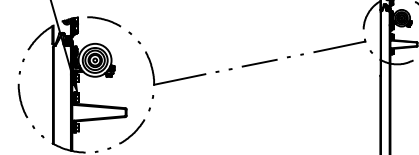
(5) SECTION DOORS WITH-  
(9) 3" 20 GA 80 KSI U-BARS  
LOCATED AS SHOWN

(4) SECTION DOORS WITH  
(7) 3" 20 GA 80 KSI U-BARS  
LOCATED AS SHOWN

(3) SECTION DOORS WITH  
(5) 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. SEE DETAIL B THIS SHEET.



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. Inside this is a dashed circle containing the word "LICENSE" at the top, "No. 51737" in the center, a single star below the number, and "STATE OF FLORIDA" at the bottom. The entire seal is surrounded by a thick border of diagonal hatching.

JOHN E. SCATES, PE  
2560 KING ARTHUR #124-54  
LEWISVILLE, TX 75056  
FL PE 51737 TX PE 56308/F2203

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|                                         |  |                         |  |                  |  |         |  |
|-----------------------------------------|--|-------------------------|--|------------------|--|---------|--|
| STATIC PRESSURE RATINGS                 |  | APPROVED SIZES          |  | SCALE: N.T.S.    |  | SIZE: A |  |
| DESIGN (PSF): +31.20/-35.80             |  | MAX WIDTH: 9'-0"        |  | DATE             |  | NAME    |  |
| TEST (PSF): +46.80/-53.70               |  | MAX HEIGHT: 10'-0"      |  | DRAWN 7/12/06    |  | GRT     |  |
| 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 1201 |  |                         |  | 327932           |  | E       |  |

E PCR 32442 ADDED  
NYLON BALL BEARING  
ROLLER OPTION.  
JQ 9/17/20