

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 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.

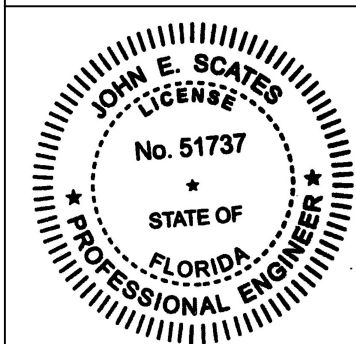
7. SECTION SHALL HAVE A 5" 25 GA STEEL BACKUP PLATE ACROSS THE TOP OF EACH SECTION.

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.

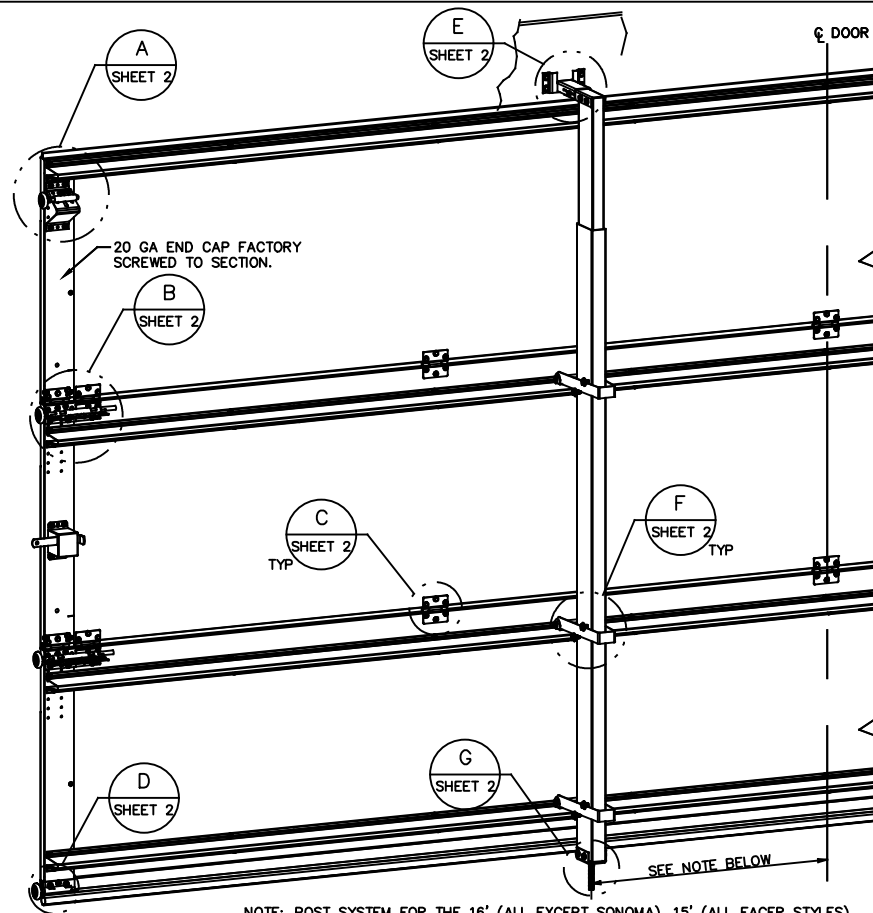
13 GA HORIZ ANGLE
13 GA FLAG ANGLE
15 GA MIN HORIZ TRACK
5/16x1-5/8" LAG SCREW (MIN 4 AS SHOWN)
15 GA MIN VERT TRACK
1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT AT JB-1 JAMB BRACKET
5/16x1-5/8" LAG SCREW AT EACH JAMB BRACKET
15 GA STIFFENED JAMB BRACKETS SEE SCHEDULE FOR QUANTITY, LOCATION, AND TYPE
SECURE 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 (SEE NOTE 3)

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE			
MAX DOOR WIDTH	MAX DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)	POINT LOAD AT HEADER AND SLAB AT EACH POST LOCATION (LBS)
10'-0"	7'-0"	+172.0/-191.5	+788.3/-877.7
	8'-0"	+172.0/-191.5	+895.8/-997.4
12'-0"	7'-0"	+206.4/-229.8	+674.1/-750.5
	8'-0"	+206.4/-229.8	+766.0/-852.8
14'-0"	7'-0"	+240.8/-268.1	+678.3/-755.3
	8'-0"	+240.8/-268.1	+770.8/-858.3
15'-0"	7'-0"	+258.0/-287.3	+708.4/-788.8
	8'-0"	+258.0/-287.3	+805.1/-896.3
16'-0"	7'-0"	+275.2/-306.4	+740.0/-823.9
	8'-0"	+275.2/-306.4	+840.9/-936.2



Digitally signed by John E. Scates, P.E.
Date: 2020.09.18 13:52:07 -05'00'

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NOTE: POST SYSTEM FOR THE 16' (ALL EXCEPT SONOMA), 15' (ALL FACER STYLES), AND 14' (ALL FACER STYLES) WIDE DOOR 2 POST SYSTEMS, EACH INSTALLED 32"±1" DISTANCE FROM THE CENTERLINE OF THE DOOR. POST SYSTEM FOR THE 16' (SONOMA FACER) WIDE DOOR REQUIRES 3 POSTS, ONE LOCATED AT THE CENTERLINE OF THE DOOR AND EACH ADDITIONAL LOCATED AT 48"±1" DISTANCE FROM THE CENTERLINE OF THE DOOR. POST SYSTEM FOR THE 12' (ALL FACER EXCEPT SONOMA) WIDE DOOR IS TO BE INSTALLED 36"±1" DISTANCE FROM THE CENTERLINE OF THE DOOR. POST SYSTEM FOR THE 12' (SONOMA FACER) WIDE DOOR IS TO BE INSTALLED 24"±1" DISTANCE FROM THE CENTERLINE OF THE DOOR. A SINGLE POST SYSTEM IS TO BE INSTALLED ON THE CENTERLINE OF THE DOOR FOR 10' (ALL FACER STYLES) DOOR WIDTHS. SEE WINDLOAD POST INSTALLATION INSTRUCTIONS.

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)

NOTE:

(JB-1) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT.

REVISIONS

A ADDED 12', 14', AND 15' DOOR WIDTHS. UPDATED POST NOTE AND SUPERIMPOSED DESIGN PRESSURE CHART. GRT 9/12/07
B CHANGED BACKER STEEL FROM 30 GA TO 27 GA. GRT 3/31/08
C REMOVED CONCRETE SPECIFICATION FROM NOTES AND ADDED DETAIL H SHEET 2 FOR CONCRETE SPECIFICATION. GRT 4/14/08
D ADDED LHR OPTION. UPDATED TITLE BLOCK. GRT 8/14/13
E UPDATED PER TESTING GRT 5/14/14
F PCR 32442 ADDED NYLON BALL BEARING ROLLER OPTION. JQ 9/17/20



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(850) 474-9890

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+34.40/-38.30	MAX WIDTH:	16'-0"	DATE	NAME		
TEST (PSF):	+51.60/-57.45	MAX HEIGHT:	8'-0"	DRAWN	9/11/06	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 1222				DRAWING PART NO.		REV.	
				327943		F	

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 CRIMPITITE SCREWS

(2) 15 GA HINGE LEAFS ATTACHED WITH (3) 1/4-14x5/8" CRIMPITITE SCREWS EACH

14 GA HINGE BASE FACTORY ATTACHED TO DOOR WITH (5) 1/4-14x1/2" SELF DRILLING CRIMPITITE SCREWS

2" STEEL ROLLER WITH 9" 1144 GRADE OR EQUIVALENT STEM. OPTIONAL NYLON BALL BEARING ROLLER AVAILABLE.

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 CRIMPITITE SCREWS

15 GA HINGE ATTACHED WITH (3) FIELD ATTACHED 1/4-14x5/8" CRIMPITITE SCREWS AND (3) FACTORY ATTACHED 1/4-14x1/2" SELF DRILLING CRIMPITITE SCREWS

12 GA BOTTOM BRACKET FACTORY ATTACHED WITH (2) 1/4-14x1/2" SELF DRILLING CRIMPITITE SCREWS AND (1) 1/4-14x5/8" TAMPER RESISTANT SCREW

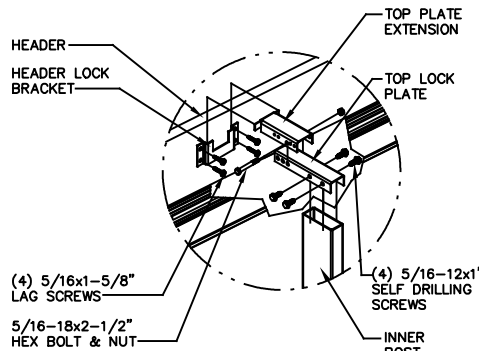
2" STEEL ROLLER WITH 4" STEM. OPTIONAL NYLON BALL BEARING ROLLER AVAILABLE.

DETAIL A

DETAIL B

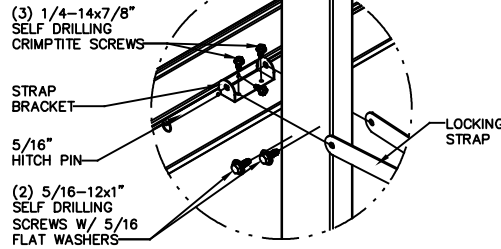
DETAIL C

DETAIL D

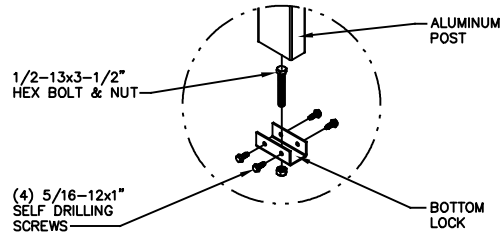


DETAIL E

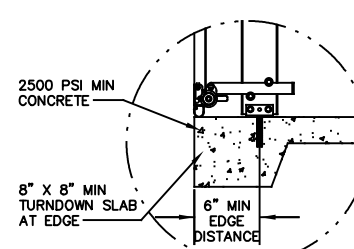
U-BAR ALIGNMENT LINES ON END CAPS



DETAIL F

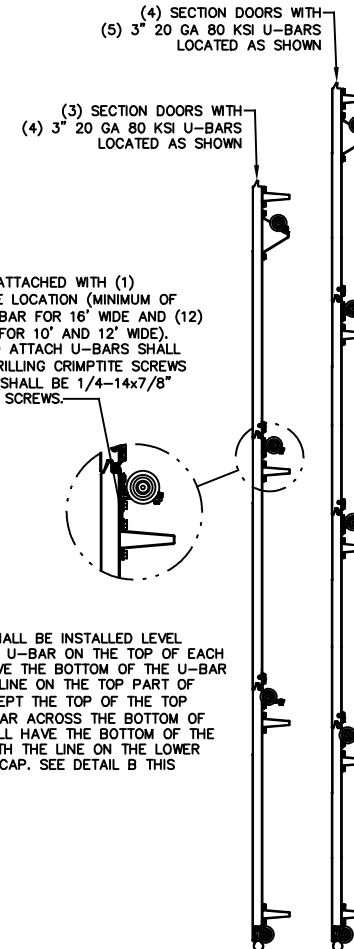


DETAIL G



DETAIL H

U-BAR LOCATIONS



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

REVISIONS

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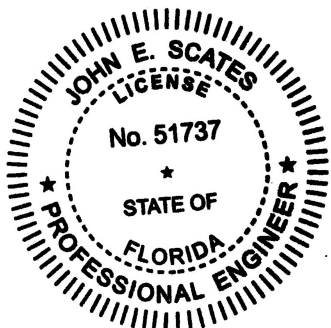
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Wayne Dalton

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TEST (PSF): +51.60/-57.45		MAX HEIGHT: 8'-0"		DRAWN 9/11/06		GRT	
IMPACT/CYCLIC RATED (YES/NO): NO		MAX SECTION HEIGHT: 28"		CHECKED 4/11/07		MRB	
MODEL 9800				SHEET 2 OF 2			
WINDLOAD SPECIFICATION OPTION CODE 1222				DRAWING PART NO.		REV.	
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