

NOTES:

1. NON-IMPACT RESISTANT GLAZING IS AVAILABLE UP TO CLEAR OPENING WIDTH OF 40-1/4" AND HEIGHT OF 13". GLASS OF 0.090" THICK (SSB) MAY BE USED IN WIDTHS UP TO 38-1/4". FOR WIDER LITES, 0.125" THICK (DSB) MUST BE USED. TEMPERED GLASS IS ALSO ALLOWED. LITES ARE AVAILABLE IN THE 3RD SECTION OR HIGHER ON THE DOOR. ANY SECTION WITH LITES MUST HAVE A CENTER/OPERATOR STILE AT MID SPAN. ATTACH THE J-STRTUT TO THE INTEGRAL RIBAND OPERATORSTILE AT THE CENTERLINE OF THE DOOR PER DETAIL F ON SHEET 2.

2. MAXIMUM CLEAR OPENING HEIGHT FOR LITES IN 19" TALL SECTIONS IS 11-1/4".

3. 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.

4. KEY LOCK, SLIDE LOCK, OR OPERATOR REQUIRED.

5. SECTION SHALL BE CONSTRUCTED WITH FOAMED IN PLACE POLYURETHANE FOAM INSULATION CHEMICALLY BONDED TO 30 GA MINIMUM FACER STEEL AND A POLYLAMINATE BACKER OR 32GA STEEL BACKER. END CAP TO HAVE A MINIMUM 1.1" DEPTH.

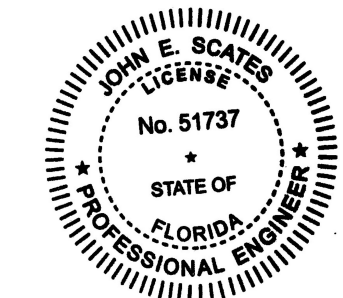
6. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

7. DOOR JAMB TO BE MINIMUM 2x6 STRUCTURAL GRADE SPF LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.

8. LOUVER OPTION - .040" MINIMUM LOUVERS IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (6) #8x1" SCREWS INSTALLED IN THE BOTTOM SECTION. LOUVERS ARE NOT IMPACT RESISTANT AND DO NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.

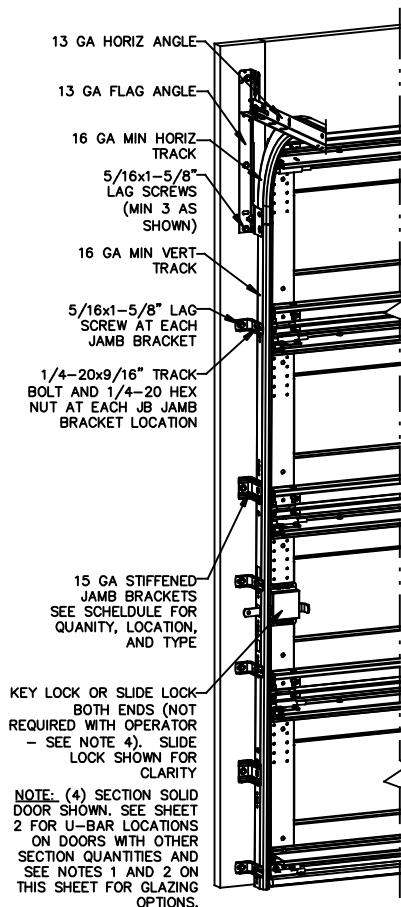
SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

MAX DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
16'-0"	ALL	+207.2/-230.4
14'-0"	ALL	+181.3/-201.6
12'-0"	ALL	+155.4/-172.8
10'-0"	ALL	+129.5/-144.0

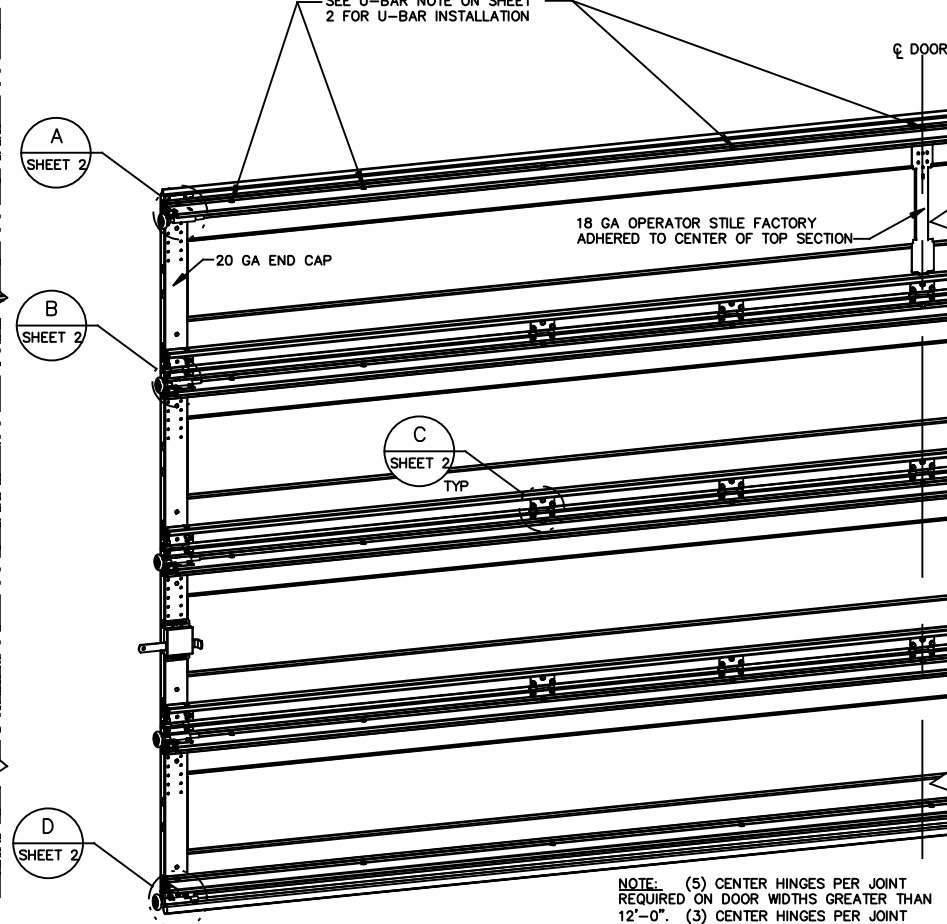


Digitally signed by John E. Scates, P.E.
Date: 2020.09.11 15:51:23 -05'00'

JOHN E. SCATES, PE
3121 FAIRGATE DR.
CARROLLTON, TX 75007
FL PE 51737 TX PE 56308/F2203
PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.



NOTE: (4) SECTION SOLID DOOR SHOWN. SEE SHEET 2 FOR U-BAR LOCATIONS ON DOORS WITH OTHER SECTION QUANTITIES AND SEE NOTES 1 AND 2 ON THIS SHEET FOR GLAZING OPTIONS.



NOTE: (5) CENTER HINGES PER JOINT REQUIRED ON DOOR WIDTHS GREATER THAN 12'-0". (3) CENTER HINGES PER JOINT REQUIRED ON DOOR WIDTHS LESS THAN OR EQUAL TO 12'-0".

JAMB BRACKET SCHEDULE

DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	TRACK TYPE	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
7'-0"	4	6	QI	2" (JB), 13" (QI), 25-1/2" (JB), 34" (JB), 45-1/4" (QI), 63" (JB)
7'-0"	4	6	FAT	2" (JB), 10" (JB), 21-3/4" (JB), 29-3/4" (JB), 42" (JB), 63-1/4" (JB)
8'-0"	5	8	QI	2" (JB), 13" (QI), 23" (JB), 34" (JB), 47-1/4" (QI), 58" (JB), 67" (QI), 75" (JB)
8'-0"	5	8	FAT	2" (JB), 10" (JB), 21-3/4" (JB), 29-3/4" (JB), 48" (JB), 57-1/4" (JB), 66" (JB), 75-1/2" (JB)
> 8'-0"/HIGH LIFT/ROOF PITCH				SEE NOTE BELOW

NOTE:

(JB) 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 WITH HIGH LIFT, ROOF PITCH, AND/OR GREATER THAN 8' IN HEIGHT REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SUPPLEMENT TRACK CHART FOR DETAILS.

Wayne Dalton

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PENSACOLA, FLORIDA 32514
(850) 474-9890

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+25.90/-28.80	MAX WIDTH:	16'-0"		DATE		NAME
TEST (PSF):	+38.85/-43.20	MAX HEIGHT:	8'-9"		DRAWN	12/2/16	GAC
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX SECTION HEIGHT: 21"	CHECKED	12/2/16	DK		
MODELS 5120/9100/9605				SHEET 1 OF 2			
WINDLOAD SPECIFICATION OPTION CODE 0242				DRAWING PART NO.		REV.	
				360631		P00	

Technical drawing of a mechanical assembly, likely a pump or motor component, showing a cross-section with various parts labeled with letters and numbers.

— PLACE U—BAR OVER INTEGRAL RIB WITH THE (8) PRE—PUNCHED HOLES EACH END FACING UPWARD AND ATTACH THRU END CAP AT EACH END WITH (2) 1/4—14x7/8" SELF DRILLING CRIMPITE SCREWS FOR STANDARD TRACK AND (3) 1/4—14x7/8" SELF DRILLING CRIMPITE SCREWS FOR LOW HEADROOM TRACK (2 OF WHICH ARE USED TO ATTACHED THE TOP BRACKET AS SHOWN). —

TO
P OF U-BAR
PTITE SCREWS.
TO ENSURE
ERS



PLACE U-BAR OVER INTEGRAL RIB WITH
 THE (8) PRE-PUNCHED HOLES EACH END
 FACING UPWARD AND ATTACH THRU END
 CAP AT EACH END WITH (2) 1/4-14x7/8
 SELF DRILLING CRIMPITE SCREWS
 EXCEPTION: CRIMPITE SCREWS OVER
 THE TOP OF THE BOTTOM SECTION SHALL ONLY
 BE ATTACHED THRU END CAP AT EACH
 END WITH (1) 1/4-14x7/8" SELF DRILLING
 CRIMPITE SCREW LOADED ON THE
 BOTTOM FLANGE OF THE U-BAR
 NOTE: DUE TO CLEARANCES REQUIRED TO
 INSTALL SCREWS AT THE ENDS OF THE
 U-BARS, ALL U-BARS SHALL BE
 INSTALLED ON SECTIONS PRIOR TO
 INSTALLING ROLLER SLIDES AND TOP
 FIXTURE ON THE U-BARS. SEE
 ATTACHMENT NOTES ON THIS SHEET.

15 GA HINGE ATTACHED
WITH (4) 1/4-14x5/8"
CRIMPTITE SCREWS (2 OF
WHICH ARE FACTORY
ATTACHED)

DETAIL B



—PLACE U-BAR OVER
INTEGRAL RIB AND ATTACH
WITH (2) 1/4-20x5/8"
CRIMPITE SCREWS THRU
PRE-PUNCHED HOLES AT
EACH INTERMEDIATE HINGE
LOCATION (1 THRU FLANGE
OF U-BAR AND BOTTOM
HINGE LEAF AND 1 THRU
WEB OF U-BAR AND
INTEGRAL RIB OF SECTION)

— PLACE U-BAR OVER INTEGRAL RIB WITH NOTCH DOWN TO CLEAR BOTTOM BRACKET AND ATTACH THRU END CAP AT EACH END WITH (1) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREW AS SHOWN AND USE (1) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREW ACROSS THE BOTTOM OF THE BOTTOM U-BAR AT EACH PRE-PUNCHED HOLE AT EVERY HINGE LOCATION. USE (1) 1/4-20x5/8" CRIMPITITE SCREW AT ALL OTHER PRE-PUNCHED HOLE LOCATIONS.

2 SHEET 1



U-BAR ATTACHMENT NOTES

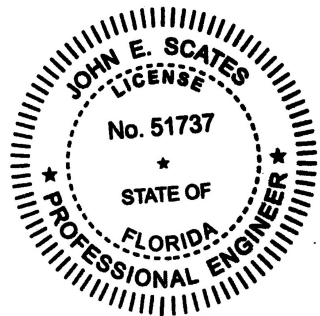
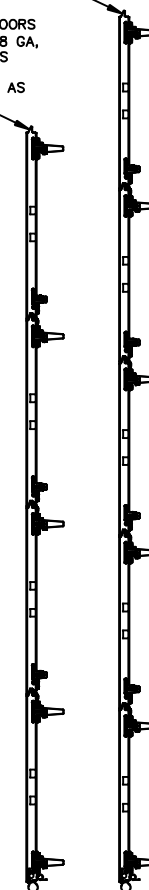
1. ALL U-BARS SHALL BE PLACED OVER INTEGRAL RIBS AND ATTACHED THRU PRE-PUNCHED HOLES WITH (2) 1/4-14x5/8" CRIMPITTE SCREWS AT EACH INTERMEDIATE HINGE LOCATION, (2) 1/4-14x7/8" SELF DRILLING CRIMPITTE SCREWS AT EACH END CAP (EXCEPT BOTH U-BARS ON BOTTOM SECTION - SEE DETAIL B AND D THIS SHEET), (2) 1/4-14x5/8" CRIMPITTE SCREWS APPROXIMATELY MIDWAY BETWEEN END OF DOOR AND INTERMEDIATE HINGE LOCATION, AND (1) 1/4-14x5/8" CRIMPITTE SCREW APPROXIMATELY 8" FROM EACH END. FOR DOOR WIDTHS GREATER THAN 12'-0", THERE SHALL BE A TOTAL OF (20) SCREWS ATTACHING EACH U-BAR EXCEPT BOTH U-BARS ON BOTTOM SECTION SHALL HAVE A TOTAL OF (18) SCREWS EACH. FOR DOOR WIDTHS LESS THAN OR EQUAL TO 12'-0", THERE SHALL BE A TOTAL OF (16) SCREWS ATTACHING EACH U-BAR EXCEPT BOTH U-BARS ON BOTTOM SECTION SHALL HAVE A TOTAL OF (14) SCREWS EACH.

2. WITH THE EXCEPTION OF THE (8) PRE-PUNCHED HOLES IN THE TOP OF EACH END USED FOR ATTACHMENT OF THE ROLLER SLIDES AND THE (6) PRE-PUNCHED HOLES IN THE BOTTOM OF EACH END USED FOR THE ATTACHMENT OF THE TOP FIXTURE AND UNLESS NOTED OTHERWISE ON THIS SPECIFICATION DRAWING, ALL PRE-PUNCHED HOLES IN ALL U-BARS SHALL BE ATTACHED TO THE DOOR WITH 1/4-14x5/8" CRIMPITE SCREWS.

3. 18 GA U-BARS SHALL BE STAMPED "46" APPROXIMATELY 8" FROM EACH END.

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

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



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DESIGN (PSF): +25.90/-28.80		MAX WIDTH: 16'-0"		DATE		NAME	
TEST (PSF): +38.85/-43.20		MAX HEIGHT: 8'-9"		DRAWN 12/2/16		GAC	
IMPACT/CYCLIC RATED (YES/NO): NO		MAX SECTION HEIGHT: 21'		CHECKED 12/2/16		DK	
MODELS 5120/9100/9605				SHEET 2 OF 2			
WINDLOAD SPECIFICATION OPTION CODE 0242				DRAWING PART NO. 360631		REV. P00	