

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.

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.

13 GA HORIZ ANGLE

13 GA FLAG ANGLE

16 GA MIN HORIZ TRACK

5/16x1-5/8" LAG SCREWS (MIN 3 AS SHOWN)

16 GA MIN VERT TRACK

5/16x1-5/8" LAG SCREW AT EACH JAMB BRACKET

1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT AT EACH JB JAMB BRACKET LOCATION

15 GA STIFFENED JAMB BRACKETS SEE SCHEDULE FOR QUANTITY, LOCATION, AND TYPE

KEY LOCK OR SLIDE LOCK BOTH ENDS (NOT REQUIRED WITH OPERATOR - SEE NOTE 4). SLIDE LOCK SHOWN FOR CLARITY

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.

SEE U-BAR NOTE ON SHEET 2 FOR U-BAR INSTALLATION

DOOR

18 GA OPERATOR STILE FACTORY ADHERED TO CENTER OF TOP SECTION

20 GA END CAP

A

SHEET 2

B

SHEET 2

C

SHEET 2
TYP

D

SHEET 2

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	4	QI	13" (QI), 25'-1/2" (JB), 45'-1/4" (QI), 63" (JB)
7'-0"	4	4	FAT	10" (JB), 21'-3/4" (JB), 42" (JB), 63'-1/4" (JB)
8'-0"	5	5	QI	13" (QI), 23" (JB), 34" (JB), 47'-1/4" (QI), 67" (QI)
8'-0"	5	5	FAT	10" (JB), 21'-3/4" (JB), 29'-3/4" (JB), 48" (JB), 66" (JB)
> 8'-0" / HIGH LIFT / ROOF PITCH				SEE NOTE BELOW

NOTE:

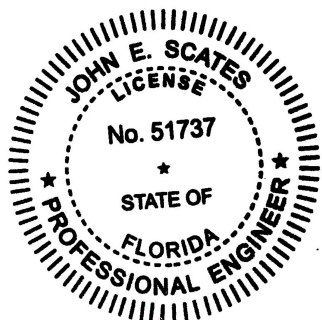
(JB) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT.

(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.

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

MAX DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
16'-0"	ALL	+122.4/-136.0
14'-0"	ALL	+107.1/-119.0
12'-0"	ALL	+91.8/-102.0
10'-0"	ALL	+76.5/-85.0



Digitally signed by John E. Scates, P.E.

Date: 2020.09.11 15:52:04 -05'00'

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

Wayne Dalton

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STATIC PRESSURE RATINGS

DESIGN (PSF): +15.30/-17.00

TEST (PSF): +22.95/-25.50

IMPACT/CYCLIC RATED (YES/NO): NO

APPROVED SIZES

MAX WIDTH: 16'-0"

MAX HEIGHT: 8'-9"

MAX SECTION HEIGHT: 21"

SCALE: N.T.S.

SIZE: A

DATE: 12/2/16

DRAWN: GAC

CHECKED: 12/2/16

SHEET 1 OF 2

DRAWING PART NO. 360630

REV. P00

MODELS 5120/9100/9605

WINDLOAD SPECIFICATION OPTION CODE 0241

A technical diagram showing a lathe tool cutting a thread on a workpiece. The tool is positioned to cut a thread into a cylindrical workpiece. The diagram illustrates the geometry of the thread and the tool's position relative to the workpiece.

— 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).

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 CRIMPTITE SCREWS

EXCEPTION: U-BAR PLACED OVER TOP RIB ON THE BOTTOM SECTION SHALL ONLY BE ATTACHED THRU END CAP AT EACH END WITH (1) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREW LOCATED 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.



DETAIL B

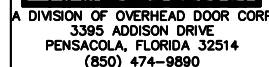
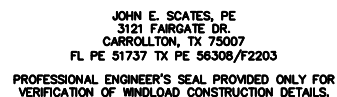
—PLACE U-BAR OVER INTEGRAL RIB WITH NOTCH DOWN TO CLEAR BOTTOM BRACKET AND ATTACH THRU END CAP AT EACH END WITH (1) $1/4-14 \times 7/8"$ SELF DRILLING CRIMPITE SREW AS SHOWN AND USE (1) $1/4-14 \times 7/8"$ SELF DRILLING CRIMPITE SREW ACROSS THE BOTTOM OF THE BOTTOM U-BAR AT EACH PRE-PUNCHED HOLE AT EVERY HINGE LOCATION. USE (1) $1/4-20 \times 5/8"$ CRIMPITE SREW AT ALL OTHER PRE-PUNCHED HOLE LOCATIONS.

(4) SECTION DOORS
WITH (5) 3", 20 GA,
80 KSI U-BARS
LOCATED OVER
INTEGRAL RIBS AS
SHOWN

1. ALL U-BARS SHALL BE PLACED OVER INTEGRAL RIBS AND ATTACHED THRU PRE-PUNCHED HOLES WITH (2) 1/4-14x5/8" CRIMPETTE SCREWS AT EACH INTERMEDIATE HINGE LOCATION, (2) 1/4-14x7/8" SELF DRILLING CRIMPETTE SCREWS AT EACH END CAP (EXCEPT BOTH U-BARS ON BOTTOM SECTION - SEE DETAIL B AND D THIS SHEET), (2) 1/4-14x5/8" CRIMPETTE SCREWS APPROXIMATELY MIDWAY BETWEEN END OF DOOR AND INTERMEDIATE HINGE LOCATION, AND (1) 1/4-14x5/8" CRIMPETTE 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" CRIMPITTE SCREWS.

3. 20 GA U-BARS SHALL BE STAMPED "34"
APPROXIMATELY 8" FROM EACH END.



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: 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 0241				DRAWING PART NO. 360630		REV. P00	