

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.

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 5). 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

REVISIONS

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

JAMB BRACKET SCHEDULE

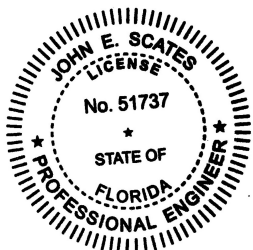
DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	TRACK TYPE	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
7'-0"	4	4	QI	13" (QI), 25-1/2" (JB), 45-1/4" (QI), 63" (JB)
7'-0"	4	4	FAT	10" (JB), 21-3/4" (JB), 42" (JB), 63-1/4" (JB)
8'-0"	4 OR 5	5	QI	13" (QI), 23" (JB), 34" (JB), 47-1/4" (QI), 67" (QI)
8'-0"	4 OR 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.



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

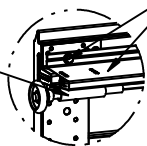
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Wayne Dalton

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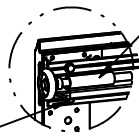
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TEST (PSF):	+22.95/-25.50	MAX HEIGHT:	10'-0"	DRAWN	12/2/16	GAC	
IMPACT/CYCLIC RATED (YES/NO): NO		MAX SECTION HEIGHT: 24"		CHECKED	12/2/16	DK	
MODELS 5120/514X/9100/940X/960X					SHEET 1 OF 2		
WINDLOAD SPECIFICATION OPTION CODE 0611					DRAWING PART NO. 360634		REV. P00

13 GA ADJUSTABLE TOP
FIXTURE ATTACHED TO
PRE-PUNCHED HOLES
IN BOTTOM OF U-BAR
WITH (2) 1/4-14x5/8"
CRIMPITITE SCREWS



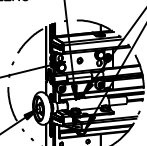
DETAIL A

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 CRIMPITITE SCREWS
FOR STANDARD TRACK AND (3)
1/4-14x7/8" SELF DRILLING
CRIMPITITE SCREWS FOR LOW
HEADROOM TRACK (2 OF WHICH
ARE USED TO ATTACHED THE TOP
BRACKET AS SHOWN).



LOW HEADROOM TRACK
DETAIL A

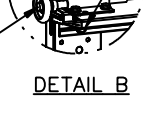
13 GA ROLLER SLIDE ATTACHED TO
PRE-PUNCHED HOLES IN TOP OF U-BAR
WITH (2) 1/4-14x5/8" CRIMPITITE SCREWS.
USE VIEWING HOLE IN SLIDE TO ENSURE
PROPER ALIGNMENT OF ROLLERS



DETAIL B

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 CRIMPITITE 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
CRIMPITITE 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.

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



DETAIL C

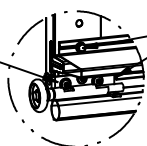
PLACE U-BAR OVER
INTEGRAL RIB AND ATTACH
WITH (2) 1/4-20x5/8"
CRIMPITITE SCREWS THRU
PRE-PUNCHED HOLES AT
EACH INTERMEDIATE HINGE
LOCATION (1 THRU FLANGE
OF U-BAR AND BOTTOM
HINGE LEAF AND 1 THRU
WEB OF U-BAR AND
INTEGRAL RIB OF SECTION)

15 GA HINGE ATTACHED
WITH (6) 1/4-20x5/8"
CRIMPITITE SCREWS (2 OF
WHICH ARE FACTORY
ATTACHED, 3 OF WHICH
ARE FIELD INSTALLED INTO
TOP LEAF, AND 1 OF
WHICH IS FIELD INSTALLED
THRU PRE-PUNCHED HOLE
IN U-BAR)



DETAIL D

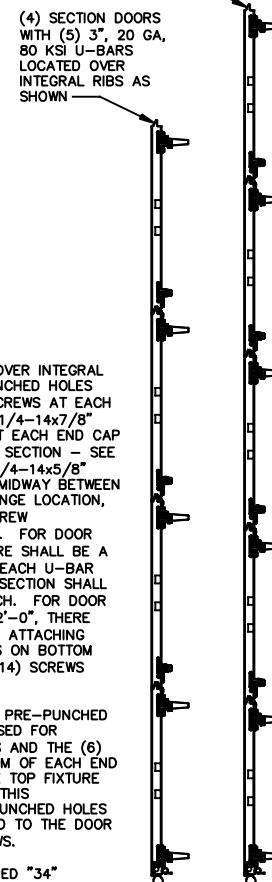
12 GA BOTTOM BRACKET
FACTORY ATTACHED WITH
(3) 1/4-14x5/8"
CRIMPITITE SCREWS



DETAIL D

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.

(5) SECTION DOORS
WITH (6) 3", 20 GA,
80 KSI U-BARS
LOCATED OVER
INTEGRAL RIBS AS
SHOWN

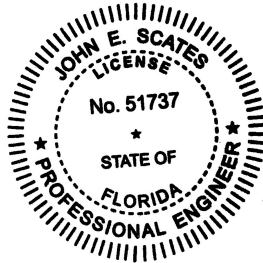


U-BAR ATTACHMENT NOTES

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

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



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MODELS 5120/514X/9100/940X/960X					SHEET 2 OF 2		
WINDLOAD SPECIFICATION OPTION CODE 0611					DRAWING PART NO.		REV.
					360634		P00

REVISIONS