

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.

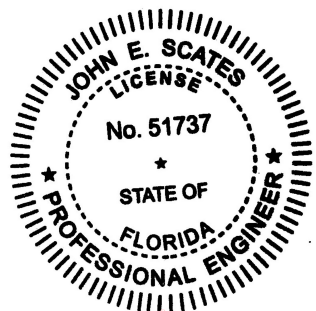
13 GA HORIZ ANGLE
13 GA FLAG ANGLE
16 GA MIN HORIZ TRACK
5/16x1-5/8" LAG SCREWS (MIN 3 AS SHOWN)
16 GA MIN VERT TRACK
5/16x1-5/8" LAG SCREW AT EACH JAMB BRACKET
1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT AT EACH JB JAMB BRACKET LOCATION

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.

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE		
MAX DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
18'-0"	ALL	+111.6/-124.2



Digitally signed by John E. Scates, P.E.
Date: 2020.09.11 15:50:32 -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.

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.



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):	+12.40/-13.80	MAX WIDTH:	18'-0"	DATE	NAME		
TEST (PSF):	+18.60/-20.70	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 0243				DRAWING PART NO.		REV.	
				360632		P00	

REVISIONS

A
SHEET 2

B
SHEET 2

C
SHEET 2
TYP

D
SHEET 2

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

DOOR

18 GA OPERATOR STILE FACTORY ADHERED TO CENTER OF TOP SECTION

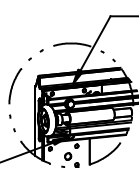
20 GA END CAP

13 GA ADJUSTABLE TOP
FIXTURE ATTACHED TO
PRE-PUNCHED HOLES
IN BOTTOM OF U-BAR
WITH (2) 1/4-14x5/8"
CRIMPTITE 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 CRIMPTITE SCREWS
FOR STANDARD TRACK AND (3)
1/4-14x7/8" SELF DRILLING
CRIMPTITE 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" CRIMPTITE 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 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.

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

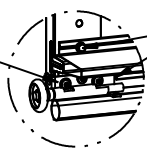
2" NYLON SILENT
GLIDE ROLLER WITH
4" STEM



DETAIL C

PLACE U-BAR OVER
INTEGRAL RIB AND ATTACH
WITH (2) 1/4-20x5/8"
CRIMPTITE 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"
CRIMPTITE 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)



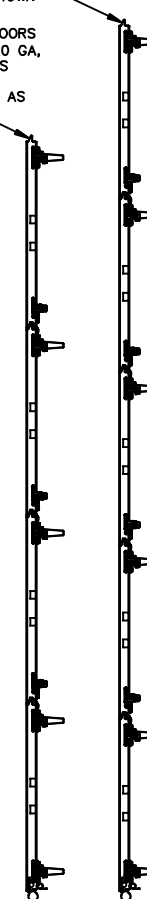
DETAIL D

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

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 CRIMPTITE SCREW AS
SHOWN AND USE (1) 1/4-14x7/8" SELF
DRILLING CRIMPTITE SCREW ACROSS THE
BOTTOM OF THE BOTTOM U-BAR AT
EACH PRE-PUNCHED HOLE AT EVERY
HINGE LOCATION. USE (1) 1/4-20x5/8"
CRIMPTITE 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

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

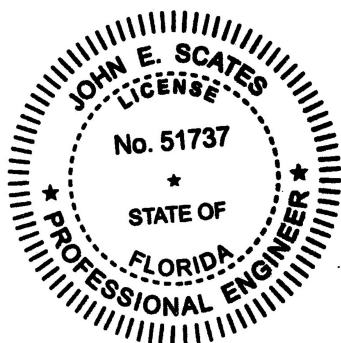


U-BAR ATTACHMENT NOTES

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

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" CRIMPTITE SCREWS.

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



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.



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):	+12.40/-13.80	MAX WIDTH:	18'-0"		DATE	NAME	
TEST (PSF):	+18.60/-20.70	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 0243					DRAWING PART NO.		REV.
					360632		P00