

NOTES:

1. SHORT GLAZED PANEL OPTION – .090" MINIMUM SSB GLAZING IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (6) #8x1" SCREWS INSTALLED IN TOP OR INTERMEDIATE SECTION (WITH OR WITHOUT DECORATIVE INSERTS) MEETS UNIFORM STATIC DESIGN PRESSURES SHOWN ON THIS DRAWING. GLAZING SHALL HAVE A MAXIMUM HEIGHT OF 13.75" AND A MAXIMUM LENGTH OF 16.75". GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.

2. LONG GLAZED PANEL OPTION – NOT AVAILABLE WITH THIS OPTION CODE.

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.

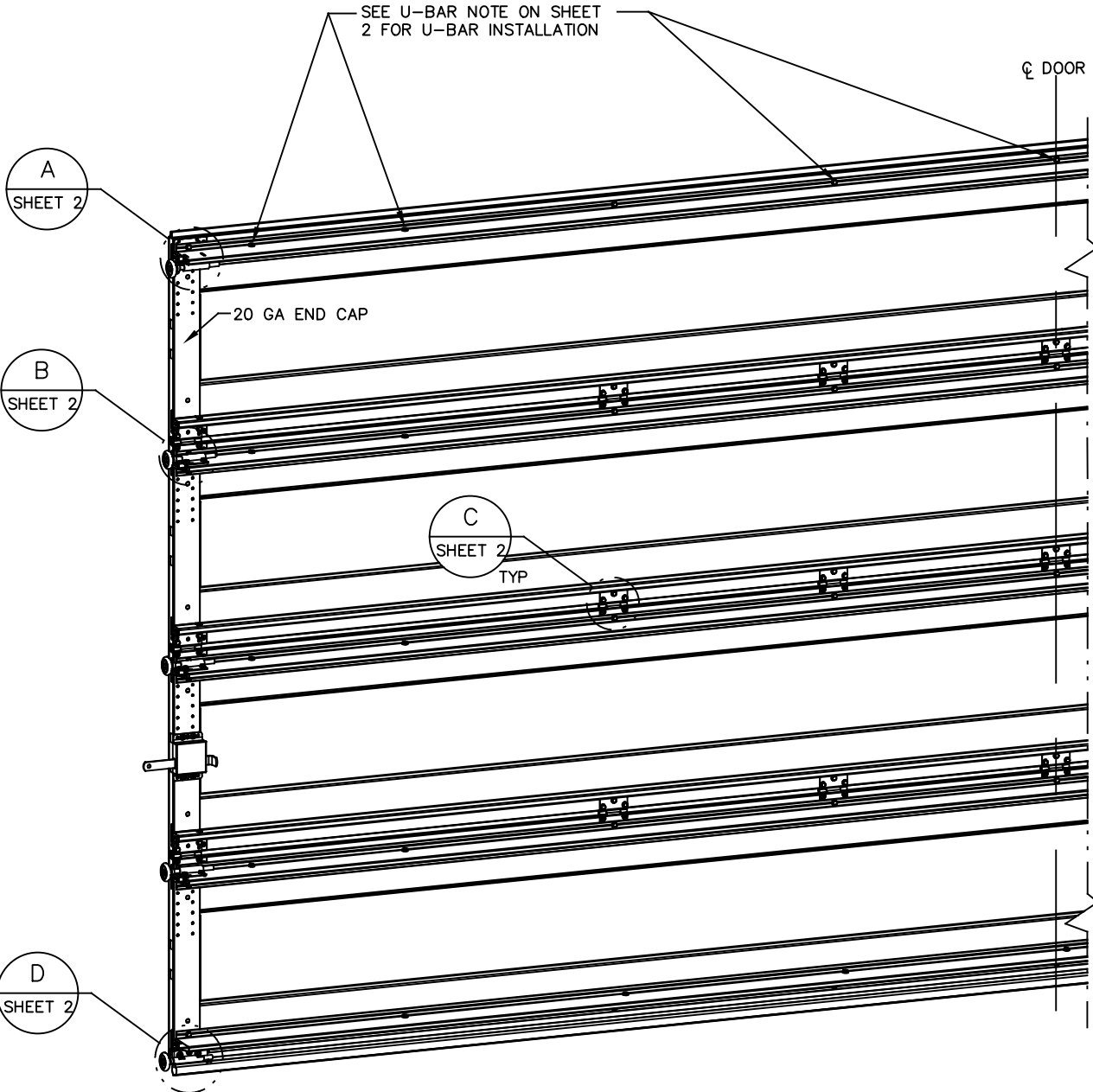
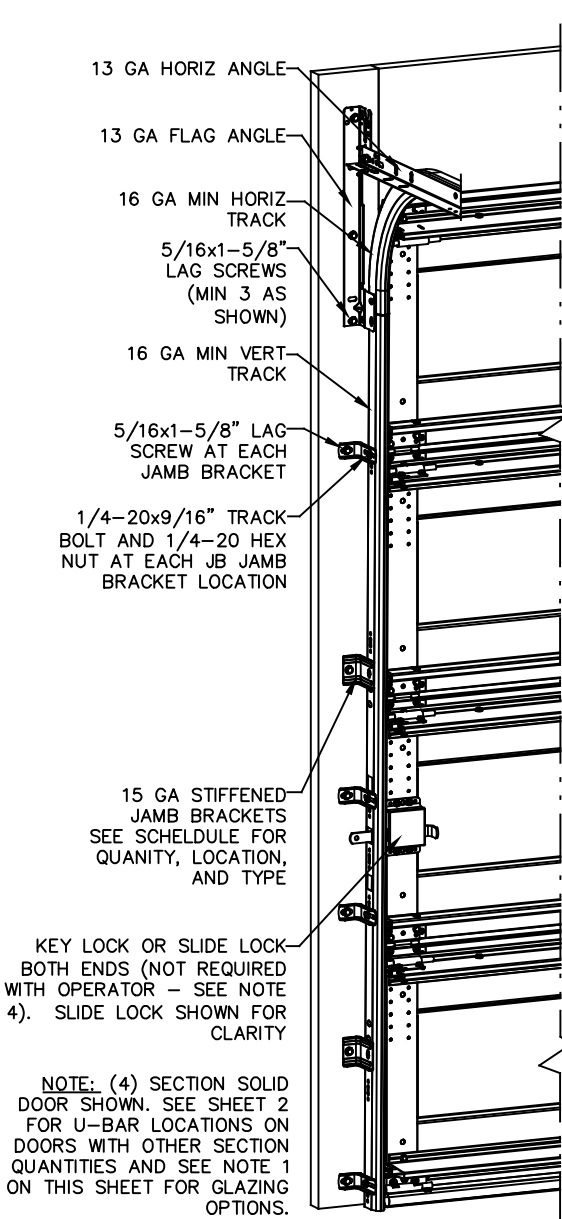
4. KEY LOCK, SLIDE LOCKS, OR OPERATOR REQUIRED.

5. SECTION SHALL BE CONSTRUCTED WITH FOAMED IN PLACE POLYURETHANE FOAM INSULATION CHEMICALLY BONDED TO 30 GA MINIMUM FACER STEEL AND A POLYLAMINATE OR 32 GA STEEL BACKER. END CAP TO HAVE A MINIMUM 1.4" 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 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. LOUVERED SECTION REQUIRES OPERATOR STILE TO BE FACTORY INSTALLED AT THE CENTERLINE OF THE DOOR.



REVISIONS
P1 ADDED MODEL 6100. MODIFIED NOTE 8 TO STATE THAT LOUVERS ARE NOT IMPACT RESISTANT. GRT 6/6/07
P2 MODIFIED JAMB BRACKET SCHEDULE FOR FAT OPTION. ADDED LHR TRACK DETAIL SHEET 2. GRT 4/17/08
P3 ADDED TEXAS LICENSE NUMBER TO TITLE BLOCK. CHANGED LOUVER NOTE. INCREASED MAX HEIGHT TO 8'-9". ADDED HIGH LIFT AND ROOF PITCH TRACK NOTE. GRT 4/29/09
P4 UPDATED TITLE BLOCK GRT 5/4/10
P5 ER31223 CHANGED DOOR MODEL NUMBERS, AND BACKER NOTES ESC 6/7/2017
E UPDATED REVISION FROM NUMERIC TO ALPHA TLC 092920

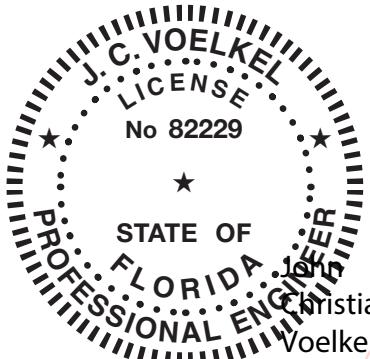
SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

MAX DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
18'-0"	ALL	+166.5/-186.3

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.



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Digitally signed
by John Christian
Voelkel
Date: 2020.10.09
19:37:42 -05'00'



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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+18.50/-20.70	MAX WIDTH:	18'-0"		DATE	NAME	
TEST (PSF):	+27.75/-31.05	MAX HEIGHT:	8'-9"	DRAWN	3/8/06	GRT	
IMPACT/CYCLIC RATED (YES/NO): NO		MAX SECTION HEIGHT: 21"	CHECKED	4/6/06	MRB		
MODELS 5145/9405/9600				SHEET 1 OF 2			
WINDLOAD SPECIFICATION OPTION CODE 0608				DRAWING PART NO. 319034		REV. E	

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 ADJUSTABLE
TOP FIXTURE

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

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

2" NYLON STORMGARD
ROLLER WITH
4-1/2" STEM

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.

18 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)

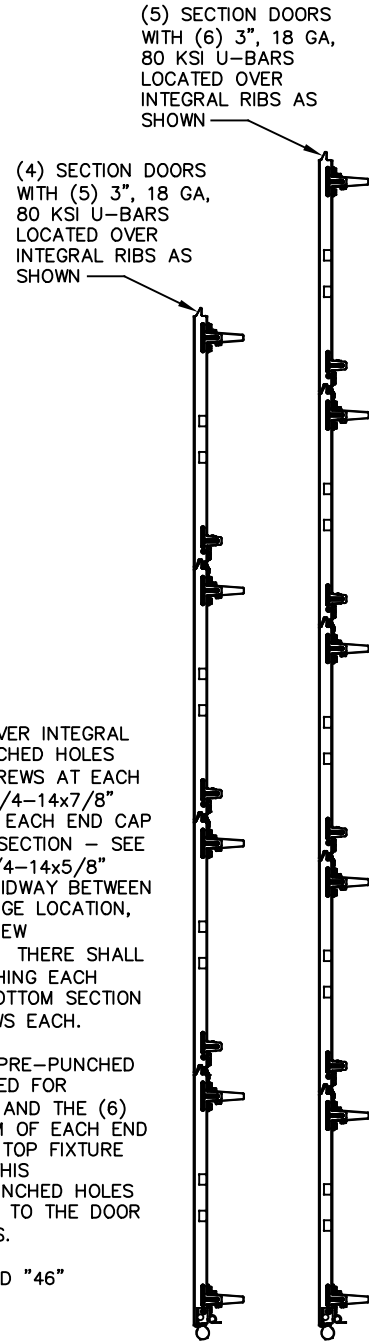
DETAIL C

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)

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

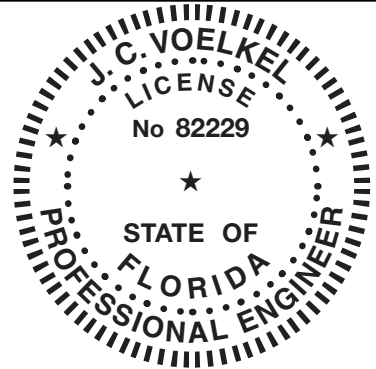
DETAIL D

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 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.



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



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MODELS 5145/9405/9600				SHEET 2 OF 2			
				DRAWING PART NO.		REV.	
WINDLOAD SPECIFICATION OPTION CODE 0608				319034		E	