

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 – .090" MINIMUM SSB GLAZING IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (10) #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 39". GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.

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.

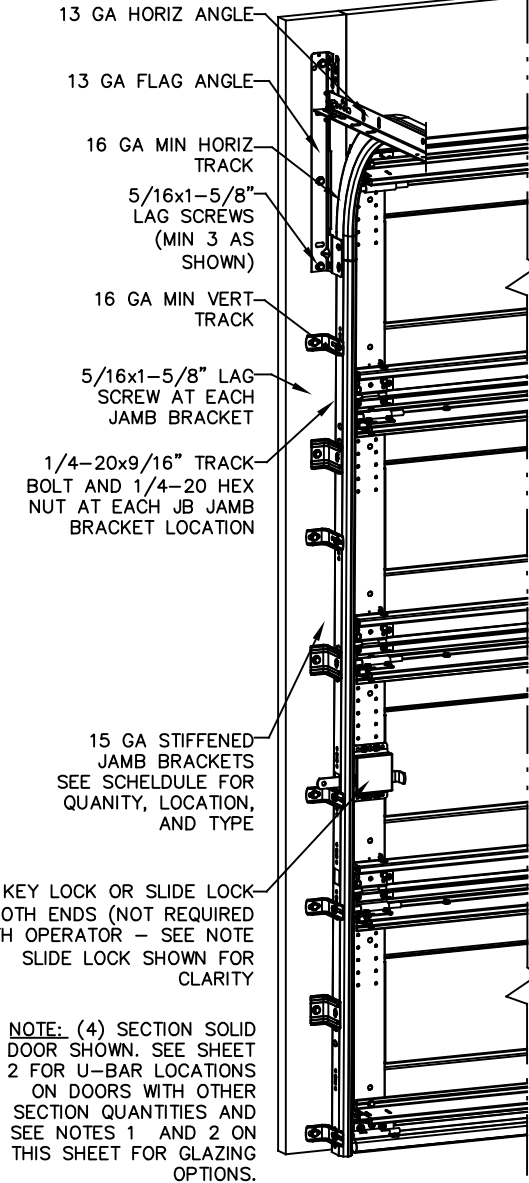
4. KEY LOCK, SLIDE LOCKS, OR OPERATOR REQUIRED.

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.



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.

A  
SHEET 2

B  
SHEET 2

C  
SHEET 2  
TYP

D  
SHEET 2

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

CL DOOR

REVISIONS

- P1 ADDED MODEL 6100. MODIFIED NOTE 9 TO STATE THAT LOUVERS ARE NOT IMPACT RESISTANT. GRT 6/6/07
- P2 INCREASED MAX DOOR HEIGHT TO 10'. 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. 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 ALHPA TLC 092920

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

| MAX DOOR WIDTH | DOOR HEIGHT | MAX UNIFORM LOAD EACH JAMB (PLF) |
|----------------|-------------|----------------------------------|
| 18'-0"         | ALL         | +137.7/-153.0                    |

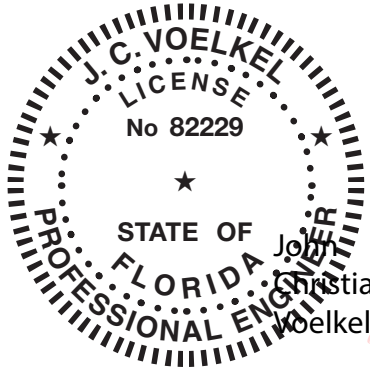
JAMB BRACKET SCHEDULE

| 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")   |
|------------------------------|-----------------|----------------------------------|------------|-----------------------------------------------------------------------------------------------|
| 8'-0"                        | 4 OR 5          | 8                                | QI         | 2" (JB), 13" (QI), 23" (JB), 34" (JB), 47-1/4" (QI), 58" (JB), 67" (QI), 75" (JB)             |
| 8'-0"                        | 4 OR 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.

Digitally signed by  
John Christian  
Voelkel  
Date: 2020.10.09  
19:22:38 -05'00'

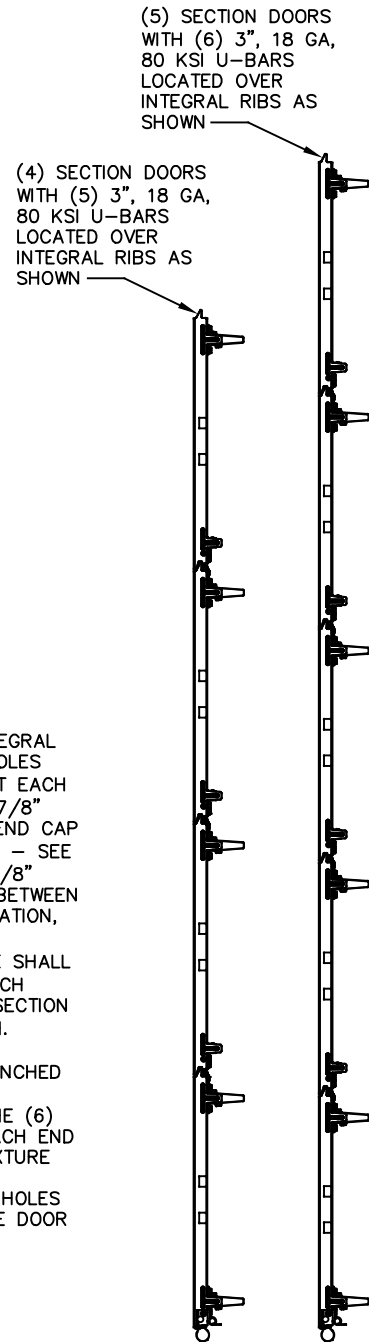
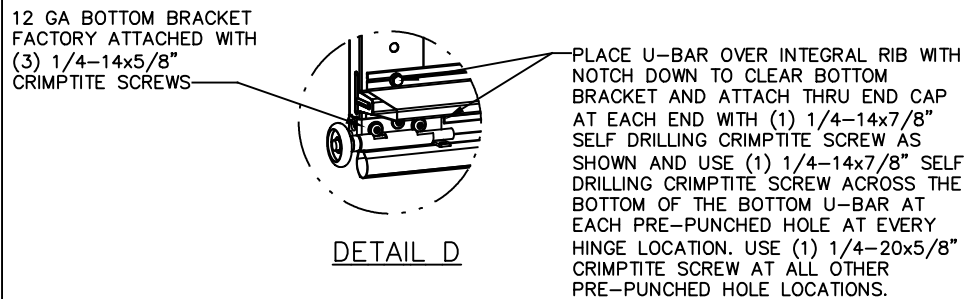
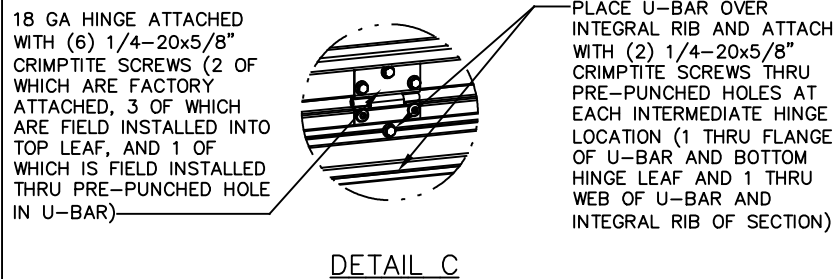
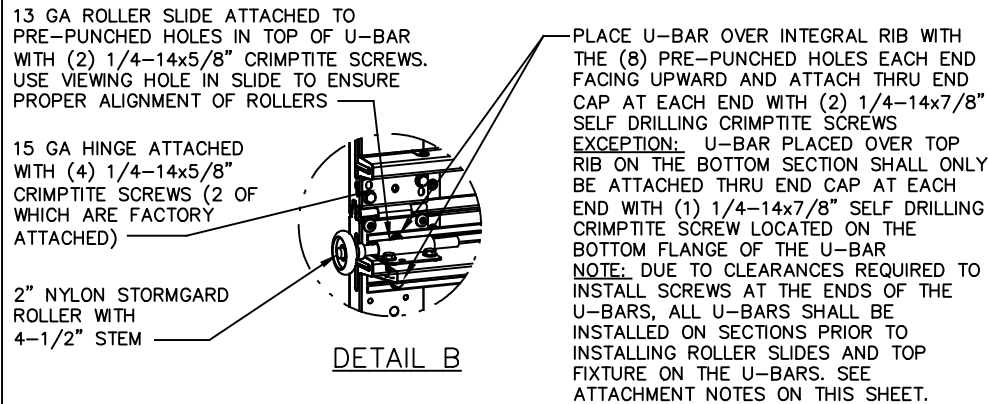
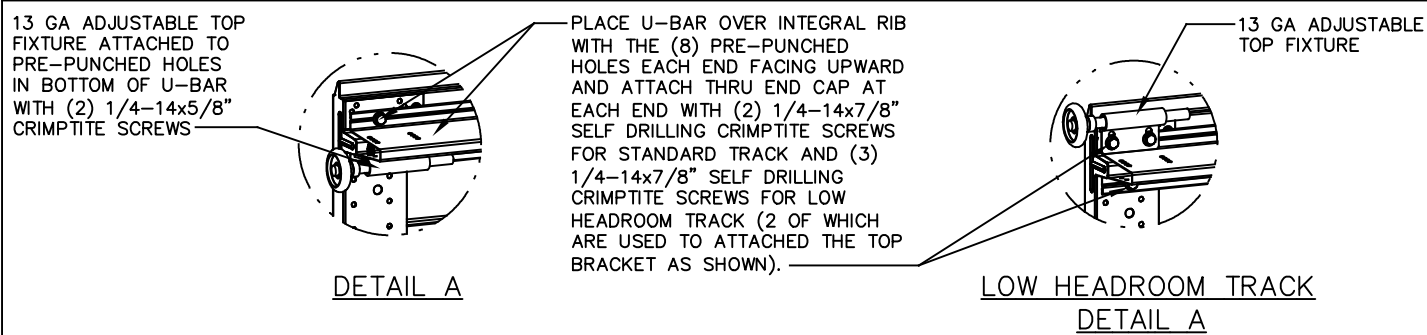


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VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.

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| STATIC PRESSURE RATINGS                 |               | APPROVED SIZES          |         | SCALE: N.T.S. |                  | SIZE: A |      |
|-----------------------------------------|---------------|-------------------------|---------|---------------|------------------|---------|------|
| DESIGN (PSF):                           | +15.30/-17.00 | MAX WIDTH:              | 18'-0"  |               | DATE             |         | NAME |
| TEST (PSF):                             | +22.95/-25.50 | MAX HEIGHT:             | 10'-0"  | DRAWN         | 3/3/06           |         | GRT  |
| IMPACT/CYCLIC RATED (YES/NO): NO        |               | MAX SECTION HEIGHT: 24" | CHECKED | 4/6/06        |                  | MRB     |      |
| MODELS 5120/5145/9100/9405/9600         |               |                         |         |               | SHEET 1 OF 2     |         |      |
| WINDLOAD SPECIFICATION OPTION CODE 0605 |               |                         |         |               | DRAWING PART NO. |         | REV. |
|                                         |               |                         |         |               | 319031           |         | E    |

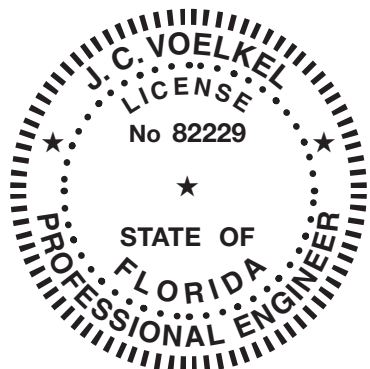


#### U-BAR ATTACHMENT NOTES

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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|                                         |               |                         |        |                  |        |         |  |
|-----------------------------------------|---------------|-------------------------|--------|------------------|--------|---------|--|
| STATIC PRESSURE RATINGS                 |               | APPROVED SIZES          |        | SCALE: N.T.S.    |        | SIZE: A |  |
| DESIGN (PSF):                           | +15.30/-17.00 | MAX WIDTH:              | 18'-0" |                  | DATE   | NAME    |  |
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| IMPACT/CYCLIC RATED (YES/NO): NO        |               | MAX SECTION HEIGHT: 24" |        | CHECKED          | 4/6/06 | MRB     |  |
| MODELS 5120/5145/9100/9405/9600         |               |                         |        | SHEET 2 OF 2     |        |         |  |
|                                         |               |                         |        | DRAWING PART NO. |        | REV.    |  |
| WINDLOAD SPECIFICATION OPTION CODE 0605 |               |                         |        | 319031           |        | E       |  |