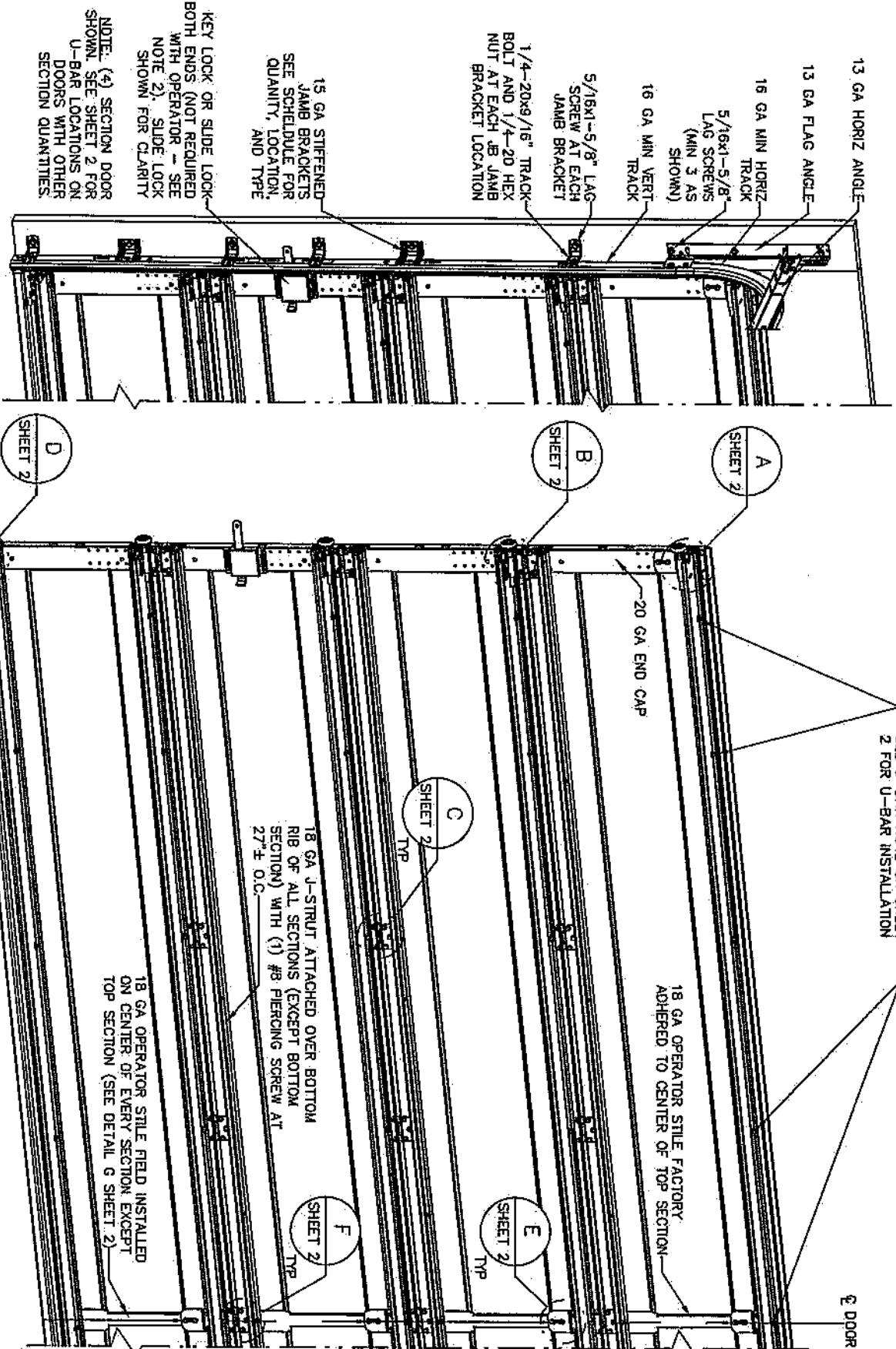


- NOTES:
1. VINTL OR WOOD DOOR STOP NAILED A MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.
  2. KEY LOCK, SLIDE LOCKS, OR OPERATOR REQUIRED.
  3. SECTION SHALL BE CONSTRUCTED WITH FOAMED IN PLACE POLYURETHANE FOAM INSULATION CHEMICALLY BONDED TO 30 GA MINIMUM FASER STEEL AND A POLYAMINATE BACKER, OR 32 GA STEEL BACKER. END CAP TO HAVE A MINIMUM 1.1" DEPTH.
  4. 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.
  5. DOOR JAMB TO BE MINIMUM 2x6 STRUCTURAL GRADE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.



**SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE**

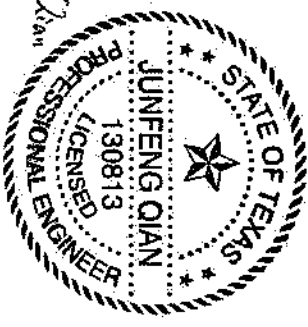
MAX DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
16'-0"	ALL	+240.0/-288.0
14'-0"	ALL	+210.0/-234.5
12'-0"	ALL	+180.0/-201.0
10'-0"	ALL	+150.0/-167.5

**JAMB BRACKET SCHEDULE**

DOOR HEIGHT	NO. OF BRACKETS (EACH JAMB)	TRACK TYPE	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
7'-0"	4	Q1	2" (JB), 13" (Q1), 25-1/2" (JB), 34" (JB), 45-1/4" (Q1), 63" (JB)
7'-0"	4	FAT	2" (JB), 10" (JB), 21-3/4" (JB), 29-3/4" (JB), 42" (JB), 63-1/4" (JB)
8'-0"	5	Q1	2" (JB), 13" (Q1), 23" (JB), 34" (JB), 47-1/4" (Q1), 58" (JB), 67" (Q1), 75" (JB)
8'-0"	5	FAT	2" (JB), 10" (JB), 21-3/4" (JB), 29-3/4" (JB), 48" (JB), 66" (JB), 75-1/2" (JB)

NOTE: (4) SECTION DOOR SHOWS SEE SHEET 2 FOR U-BAR LOCATIONS ON DOORS WITH OTHER SECTION QUANTITIES.

NOTE: (JB) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT. (Q1) FOLLOWING DIMENSION DENOTES QUICK INSTAL 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.



Junfeng Qian  
4/30/2021

JUNFENG QIAN  
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A DIVISION OF OVERHEAD DOOR CORP.  
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STATIC PRESSURE RATINGS	APPROVED SIZES	SCALE: N.T.S.	DATE	SIZE:
DESIGN (PSF): +30.00/-33.50	MAX WIDTH: 16'-0"		7/30/08	A
TEST (PSF): +45.00/-50.25	MAX HEIGHT: 8'-9"		4/20/21	
IMPACT/CYCLIC RATED (YES/NO): YES	MAX SECTION HEIGHT: 21" (CHECKED)			
MODEL 5120/9100/9605				

WINDLOAD SPECIFICATION OPTION CODE 0231

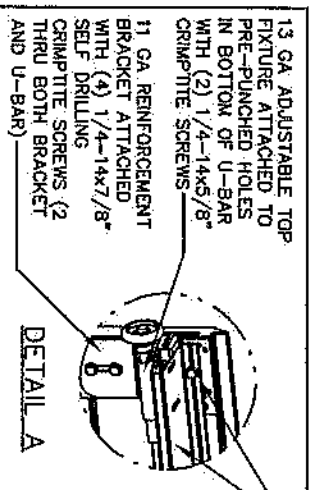
DRAWING PART NO. 318996

SHEET 1 OF 2

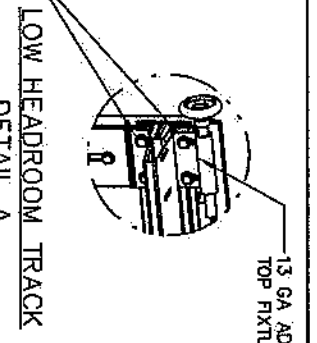
**REVISIONS**

P3 NEW DESIGN	GRT 7/30/08
P4 ADDED HIGH LIFT AND ROOF PITCH TRACK NOTE.	GRT 3/2/09
P5 UPDATED TITLE BLOCK	GRT 8/26/10
P6 ER31526 ADDED 9605 AND BACKER NOTES	ESC 5/23/17
REV F - UPDATED REVISION FROM NUMERIC TO ALPHA	TLC 09/29/20
REV G - UPDATED REVISION ADDED NOTES FOR TDI	TLC 3/19/21
REV H - UPDATED DRAWING FOR TDI	TLC 4/20/21

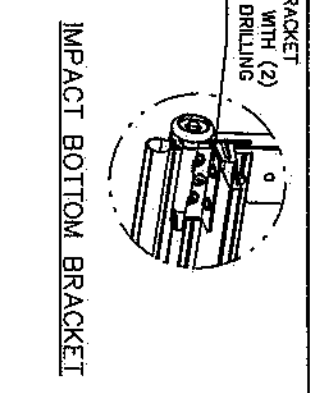
REVISIONS



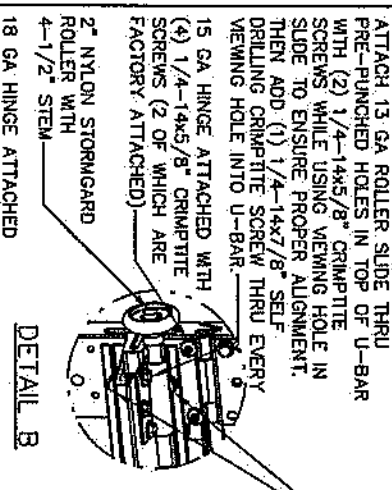
PLACE U-BAR OVER INTEGRAL RIB WITH THE (9) PRE-PUNCHED HOLES EACH END FACING UPWARD AND ATTACH THRU END CAP AT EACH END WITH (3) 1/4-14x7/8 SELF DRILLING CRIMPITE SCREWS FOR STANDARD TRACK (2 OF WHICH ARE USED TO ATTACH THE REINFORCEMENT BRACKET) AND (4) 1/4-14x7/8 SELF DRILLING CRIMPITE SCREWS FOR LOW HEADROOM TRACK (2 OF WHICH ARE USED TO ATTACH THE TOP BRACKET AND 2 OF WHICH ARE USED TO ATTACH THE REINFORCEMENT BRACKET AS SHOWN).



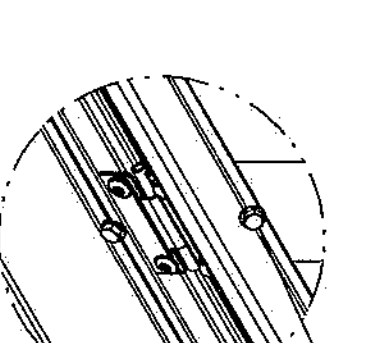
13 GA ADJUSTABLE TOP FIXTURE



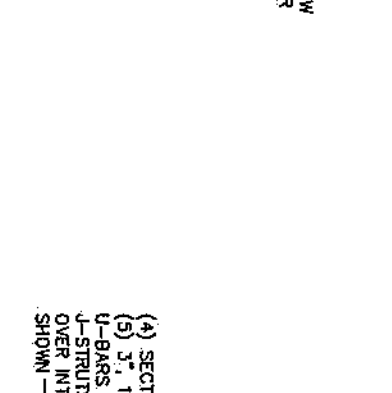
ATTACH BOTTOM BRACKET TO BOTTOM U-BAR WITH (2) 1/4-14x7/8 SELF DRILLING CRIMPITE SCREWS.



ATTACH 13 GA ROLLER SLIDE THRU PRE-PUNCHED HOLES IN TOP OF U-BAR WITH (2) 1/4-14x5/8 CRIMPITE SCREWS WHILE USING VIEWING HOLE IN SLIDE TO ENSURE PROPER ALIGNMENT. THEN ADD (1) 1/4-14x7/8 SELF DRILLING CRIMPITE SCREW THRU EVERY VIEWING HOLE INTO U-BAR.



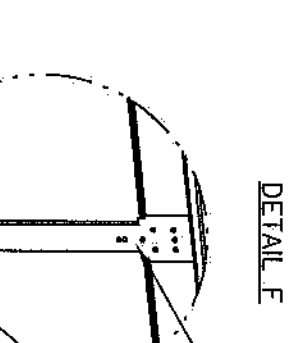
PLACE U-BAR OVER INTEGRAL RIB WITH THE (8) PRE-PUNCHED HOLES EACH END FACING UPWARD AND ATTACH THRU END CAP AT EACH END WITH (2) 1/4-14x7/8 SELF DRILLING CRIMPITE SCREWS EXCEPT: U-BAR PLACED OVER TOP RIB ON THE BOTTOM SECTION SHALL ONLY BE ATTACHED THRU END CAP AT EACH END WITH (1) 1/4-14x7/8 SELF DRILLING CRIMPITE 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.



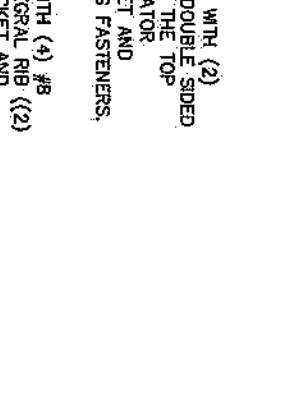
PLACE U-BAR OVER INTEGRAL RIB WITH NOTCH DOWN TO CLEAR BOTTOM BRACKET AND ATTACH THRU END CAP AT EACH END WITH (1) 1/4-14x7/8 SELF DRILLING CRIMPITE SCREW AS SHOWN AND USE (1) 1/4-14x7/8 SELF DRILLING CRIMPITE SCREW ACROSS THE BOTTOM OF THE BOTTOM U-BAR AT EACH PRE-PUNCHED HOLE AT EVERY HINGE LOCATION. USE (1) 1/4-20x5/8 CRIMPITE SCREW AT ALL OTHER PRE-PUNCHED HOLE LOCATIONS.



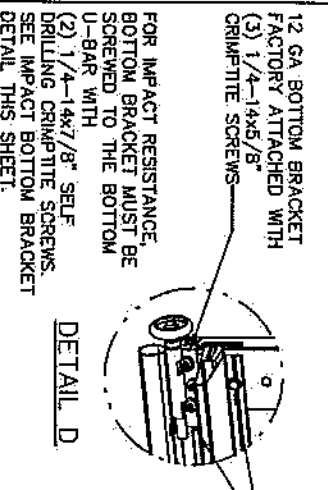
OPERATOR STILE ATTACHED WITH (2) 0.75"x2.5" WEB OR EQUAL DOUBLE SIDED TAPE APPLIED TO BACK OF LEAF (BETWEEN HINGE AND DOOR) PRIOR TO INSTALLING FASTENERS.



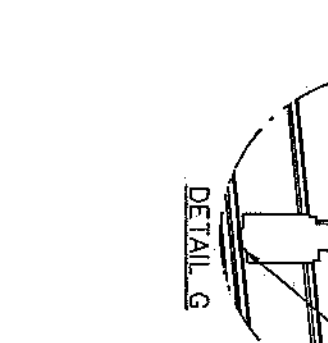
ATTACH OPERATOR STILE WITH (4) #8 PIERCING SCREWS INTO INTEGRAL RIB ((2) INTO THE TOP OF THE BRACKET AND (2) INTO THE BOTTOM OF THE BRACKET AND INTEGRAL RIB).



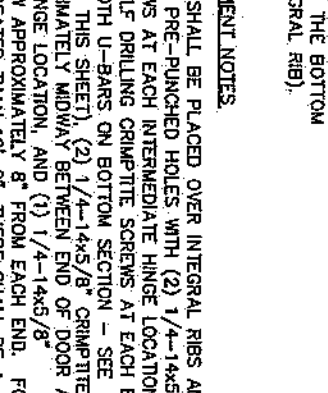
U-BAR ATTACHMENT NOTES:  
 1. ALL U-BARS SHALL BE PLACED OVER INTEGRAL RIBS AND ATTACHED THRU PRE-PUNCHED HOLES WITH (2) 1/4-14x5/8 CRIMPITE SCREWS AT EACH INTERMEDIATE HINGE LOCATION, (2) 1/4-14x7/8 SELF DRILLING CRIMPITE SCREWS AT EACH END CAP (EXCEPT BOTH U-BARS ON BOTTOM SECTION - SEE DETAIL B AND D THIS SHEET), (2) 1/4-14x5/8 CRIMPITE SCREWS APPROXIMATELY MIDWAY BETWEEN END OF DOOR AND INTERMEDIATE HINGE LOCATION, AND (1) 1/4-14x5/8 CRIMPITE 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 (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 CRIMPITE SCREWS.  
 3. 18 GA U-BARS SHALL BE STAMPED "46" APPROXIMATELY 8" FROM EACH END.



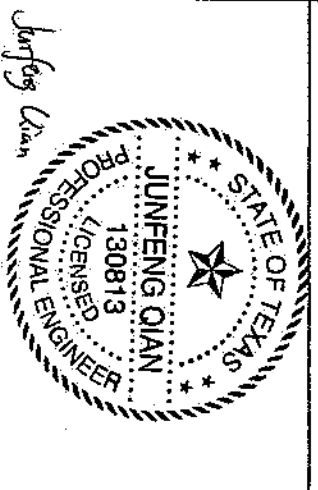
ATTACH OPERATOR STILE WITH (4) #8 PIERCING SCREWS INTO INTEGRAL RIB ((2) INTO THE TOP OF THE BRACKET AND (2) INTO THE BOTTOM OF THE BRACKET AND INTEGRAL RIB).



OPERATOR STILE ATTACHED WITH (2) 0.75"x2.5" WEB OR EQUAL DOUBLE SIDED TAPE APPLIED TO BACK OF THE TOP AND BOTTOM OF THE OPERATOR BRACKET (BETWEEN BRACKET AND DOOR) PRIOR TO INSTALLING FASTENERS.



(4) SECTION DOORS WITH (5) 3", 18 GA, 80 KSI U-BARS AND (3) 18 GA, U-STRUTS LOCATED OVER INTEGRAL RIBS AS SHOWN  
 (5) SECTION DOORS WITH (6) 3", 18 GA, 80 KSI U-BARS AND (4) 18 GA, U-STRUTS LOCATED OVER INTEGRAL RIBS AS SHOWN



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STATIC PRESSURE RATINGS	APPROVED SIZES	SCALE: N.T.S.	SIZE: A
DESIGN (PSF): +30.00/-33.50	MAX WIDTH: 16'-0"	DATE: 7/30/08	NAME: GRT
TEST (PSF): +45.00/-50.25	MAX HEIGHT: 8'-9"	DRAWN: 4/20/21	NAME: TLC
IMPACT/CYCLIC RATED (YES/NO): YES	MAX SECTION HEIGHT: 21"	CHECKED:	
MODEL 5120/9100/9605		SHEET 2 OF 2	
WINDLOAD SPECIFICATION OPTION CODE 0231		DRAWING PART NO. 318996	
		REV. H	