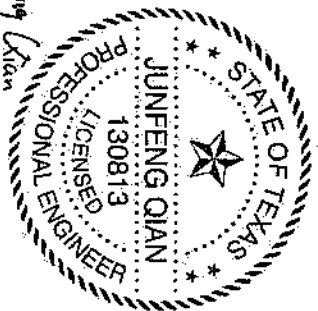


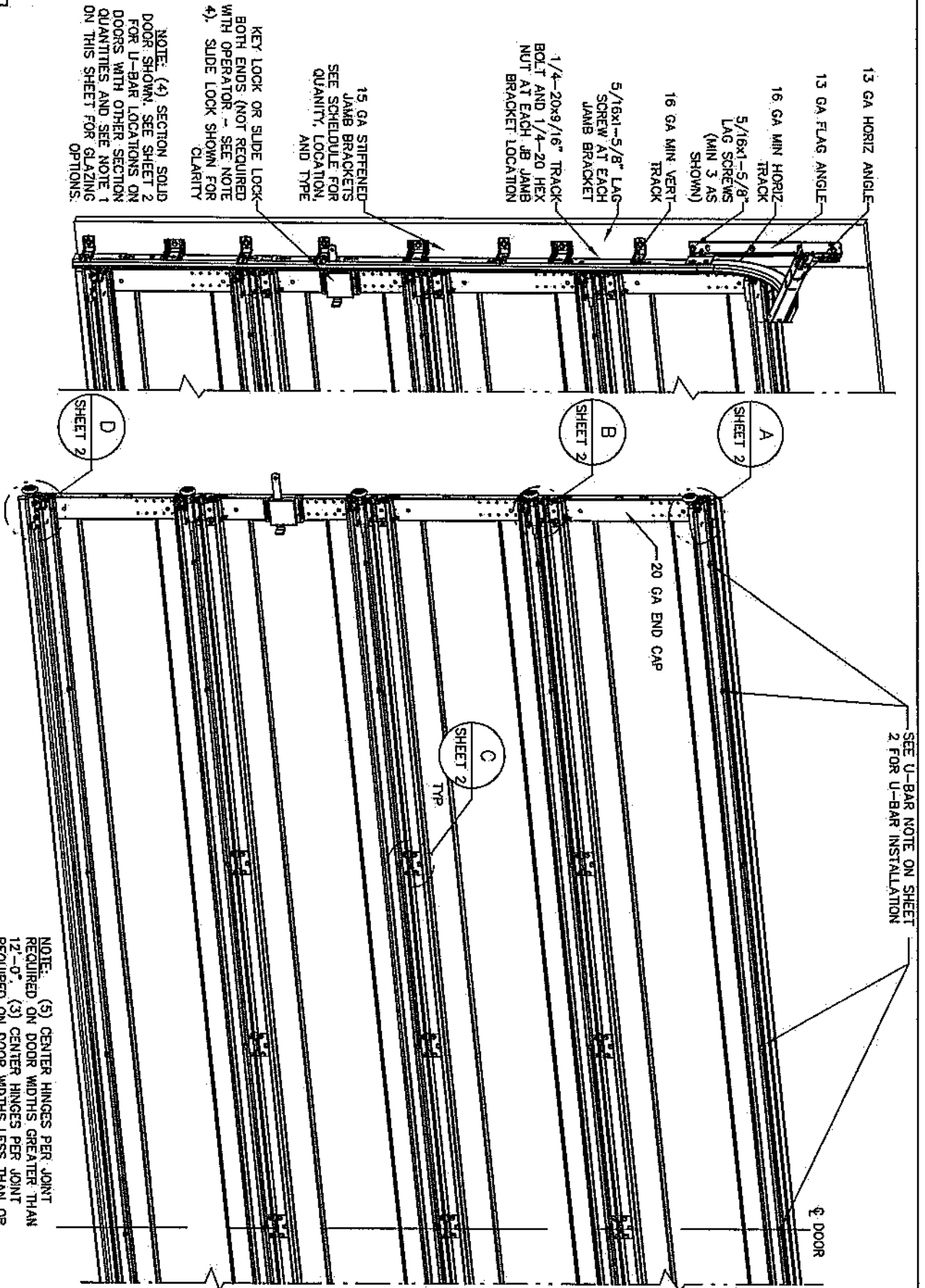
- NOTES:**
1. SHORT GLAZED PANEL OPTION (DETAIL F) - ANNEALED .090" MINIMUM SSB GLAZING IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (10) #8x1" SCREWS (3) ALONG EACH HORIZONTAL LEG AND (2) ALONG EACH VERTICAL LEG) INSTALLED IN TOP OR INTERMEDIATE SECTION (WITH OR WITHOUT DECORATIVE INSERTS) MEETS 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 NEEDED 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 FASER STEEL AND A POLYAMINATE 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 (DETAIL F) - .08" MINIMUM LOUVERS IN MOLDED FRAMES, 19"x13.9" (DLO-15 1/2" x 10 1/2"), SCREWED TOGETHER WITH A MINIMUM OF (12) #8x1" SCREWS (3) ALONG EACH HORIZONTAL LEG AND (3) ALONG EACH VERTICAL LEG). LOUVERS ARE NOT IMPACT RESISTANT AND DO NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS. LOUVERS ARE ONLY INSTALLED IN THE BOTTOM SECTION. LOUVERED SECTION REQUIRES OPERATOR STILE TO BE FACTORY INSTALLED AT THE CENTERLINE OF THE DOOR.

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

MAX DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
16'-0"	ALL	+184.0/-200.0
14'-0"	ALL	+161.0/-175.0
12'-0"	ALL	+138.0/-150.0
10'-0"	ALL	+115.0/-125.0



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JAMB BRACKET SCHEDULE

DOOR HEIGHT	NO. OF SECTIONS (EACH JAMB)	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	CI	2" (JB), 13" (Q), 25" (JB), 34" (JB), 47-1/4" (Q), 58" (JB), 67" (Q), 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	8	SEE NOTE BELOW	SEE NOTE BELOW

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

NOTE: (5) CENTER HINGES PER JOINT REQUIRED ON DOOR WIDTHS GREATER THAN 12'-0". (3) CENTER HINGES PER JOINT REQUIRED ON DOOR WIDTHS LESS THAN OR EQUAL TO 12'-0".

REVISIONS

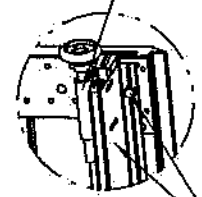
NO.	DESCRIPTION	DATE
P1	ADDED SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE AND CLARIFIED NUMBER OF FASTENERS AND CENTER HINGES REQUIRED FOR NARROWER DOOR WIDTHS.	MKB 5/10/06
P2	ADDED MODEL 6100. MODIFIED NOTE 9 TO STATE THAT LOUVERS ARE NOT IMPACT RESISTANT.	GRT 6/6/07
P3	INCREASED MAX DOOR HEIGHT TO 10'. MODIFIED JAMB BRACKET SCHEDULE FOR FAT OPTION. ADDED LHR TRACK DETAIL.	GRT 4/17/08
P4	ADDED TEXAS LICENSE NUMBER TO TITLE BLOCK. CHANGED LOUVER NOTE. ADDED HIGH LIFT AND ROOF PITCH TRACK NOTE.	GRT 4/29/09
P5	UPDATED TITLE BLOCK	GRT 5/4/10
P6	ERSJ1223. CHANGED DOOR MODEL NUMBERS AND BACKER NOTES	ESC 6/7/2017
REV F	UPDATED REVISION FROM NUMERIC TO ALPHA	TLC 092920
REV G	DRAWING UPDATES FOR TDI	TLC 3/23/21
REV H	DRAWING UPDATES FOR TDI	TLC 4/20/21

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STATIC PRESSURE RATINGS	APPROVED SIZES	SCALE: N.T.S.	DATE	SIZE: A
DESIGN (PSF): +23.00/-25.00	MAX WIDTH: 16'-0"		3/3/06	
TEST (PSF): +34.50/-37.50	MAX HEIGHT: 10'-0"		GRT	
IMPACT/CYCLIC RATED (YES/NO): NO	MAX SECTION HEIGHT: 24"	CHECKED	4/20/21	TLC
MODELS 5120/5145/9100/9405/9600			SHEET 1 OF 2	
WINDLOAD SPECIFICATION OPTION CODE 0603			DRAWING PART NO. 319029	REV. H

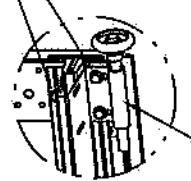
COMPLIES WITH THE REQUIREMENTS OF IBC/IRC 2018

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



DETAIL A

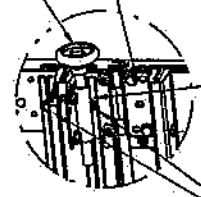
PLACE U-BAR OVER INTEGRAL RIB WITH THE (8) PRE-PUNCHED HOLES EACH END FACING UPWARD AND ATTACH THRU END CAP AT EACH END WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPITE SCREWS FOR STANDARD TRACK AND (3) 1/4-14x7/8" SELF DRILLING CRIMPITE SCREWS FOR LOW HEADROOM TRACK (2 OF WHICH ARE USED TO ATTACH THE TOP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



LOW HEADROOM TRACK
DETAIL A

13 GA ADJUSTABLE TOP FIXTURE

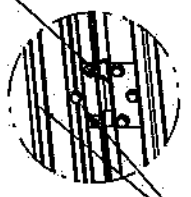
13 GA ROLLER SLIDE ATTACHED TO PRE-PUNCHED HOLES IN TOP OF U-BAR WITH (2) 1/4-14x5/8" CRIMPITE SCREWS. USE VIEWING HOLE IN SLIDE TO ENSURE PROPER ALIGNMENT OF ROLLERS.



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 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.

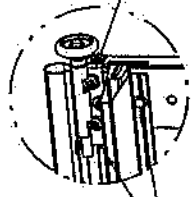
18 GA HINGE ATTACHED WITH (6) 1/4-20x5/8" CRIMPITE SCREWS (2 OF WHICH ARE FACTORY ATTACHED, 3 OF WHICH ARE FIELD INSTALLED INTO TOP LEAF, AND 1 OF WHICH IS FIELD INSTALLED THRU PRE-PUNCHED HOLE IN U-BAR)



DETAIL C

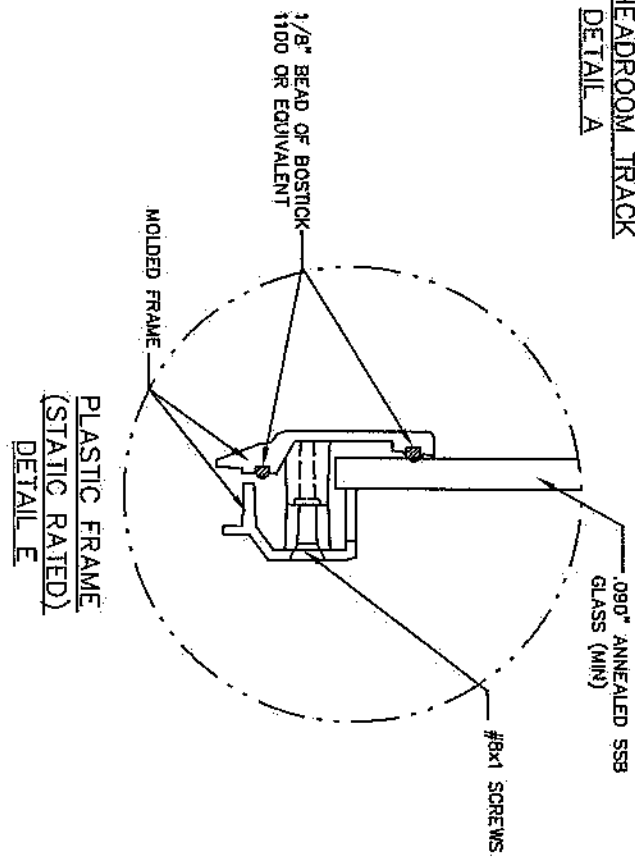
PLACE U-BAR OVER INTEGRAL RIB AND ATTACH WITH (2) 1/4-20x5/8" CRIMPITE SCREWS THRU PRE-PUNCHED HOLES AT EACH INTERMEDIATE HINGE LOCATION (1 THRU FLANGE OF U-BAR AND BOTTOM HINGE LEAF AND 1 THRU WEB OF U-BAR AND INTEGRAL RIB OF SECTION)

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



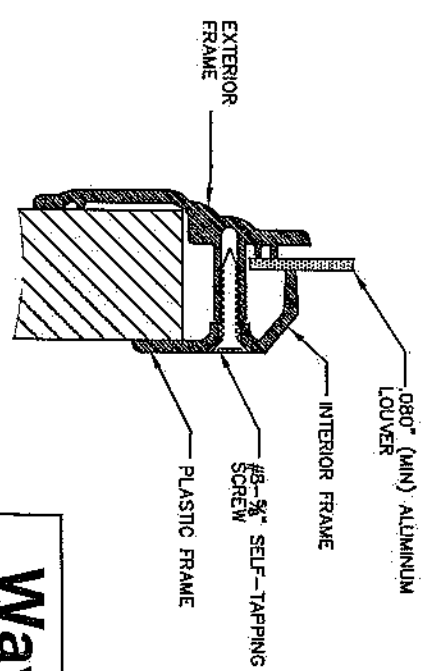
PLASTIC FRAME
(STATIC RATED)
DETAIL E

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" 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 TOTALS 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" CRIMPITE SCREWS.
3. 18 GA U-BARS SHALL BE STAMPED "46" APPROXIMATELY 8" FROM EACH END.



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STATE OF TEXAS
5/30/2021



NON-IMPACT LOUVER
(STATIC RATED)
DETAIL F

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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.	
DESIGN (PSF):	+23.00/-25.00	MAX WIDTH:	16'-0"	DATE:	SIZE: A
TEST (PSF):	+34.50/-37.50	MAX HEIGHT:	10'-0"	DRAWN:	NAME
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX SECTION HEIGHT:	24"	CHECKED:	GRT
MODELS 5120/5145/9100/9405/9600		WINDLOAD SPECIFICATION OPTION CODE 0603		SHEET 2 OF 2	TLC
				DRAWING PART NO.	REV.
				319029	H