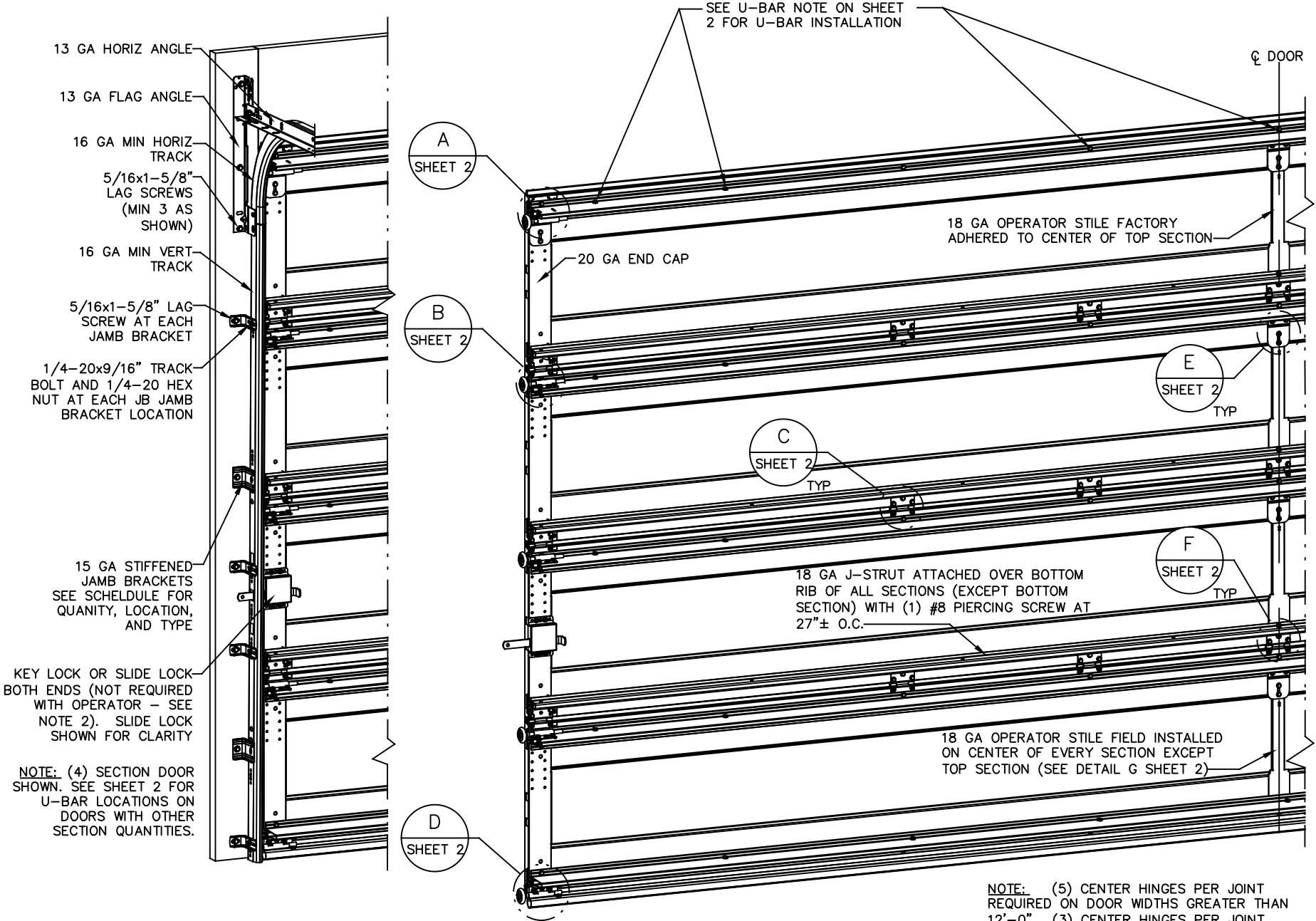


- NOTES:
- VINYL OR WOOD DOOR STOP NAILED A MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.
 - KEY LOCK, SLIDE LOCKS, OR OPERATOR REQUIRED.
 - SECTION SHALL BE CONSTRUCTED WITH FOAMED IN PLACE POLYURETHANE FOAM INSULATION CHEMICALLY BONDED TO 30 GA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



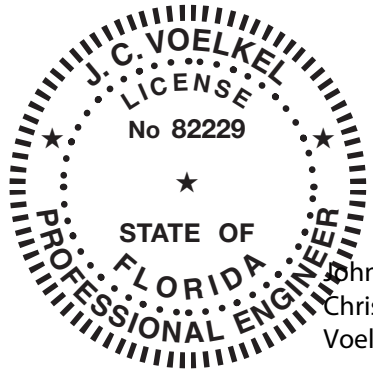
REVISIONS	
P3 NEW DESIGN	GRT 7/30/08
P4 ADDED HIGH LIFT AND ROOF PITCH TRACK NOTE.	GRT 3/2/09
P5 UPDATED TITLE BLOCK	GRT 8/26/10
P6 ER31526	ADDED 9605, AND BACKER NOTES
ESC 5/23/17	
F UPDATED REVISION FROM NUMERIC TO ALHPA	TLC 092920

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

MAX DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
16'-0"	ALL	+240.0/-268.0
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 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
19:00:11 -05'00'

Wayne Dalton
GARAGE DOORS™

A DIVISION OF OVERHEAD DOOR CORP
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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	NAME	
TEST (PSF):	+45.00/−50.25	MAX HEIGHT:	8′−9″	DRAWN	7/30/08	GRT	
IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 21″		CHECKED	8/06/08	MRB	
MODEL 5120/9100/9605				SHEET 1 OF 2			
WINDLOAD SPECIFICATION OPTION CODE 0231				DRAWING PART NO.		REV.	
				318996		F	

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

11 GA REINFORCEMENT
BRACKET ATTACHED
WITH (4) 1/4-14x7/8"
SELF DRILLING
CRIMPTITE SCREWS (2
THRU BOTH BRACKET
AND U-BAR)

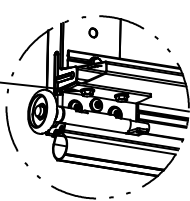
DETAIL A

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 (3) 1/4-14x7/8"
SELF DRILLING CRIMPTITE SCREWS FOR
STANDARD TRACK (2 OF WHICH ARE USED
TO ATTACH THE REINFORCEMENT
BRACKET) AND (4) 1/4-14x7/8" SELF
DRILLING CRIMPTITE 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).

LOW HEADROOM TRACK
DETAIL A

13 GA ADJUSTABLE
TOP FIXTURE

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



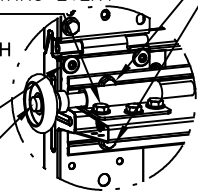
IMPACT BOTTOM BRACKET

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

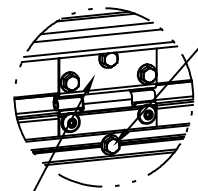
15 GA HINGE ATTACHED WITH
(4) 1/4-14x5/8" CRIMPTITE
SCREWS (2 OF WHICH ARE
FACTORY ATTACHED)

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

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). TOP HINGE LEAF
SHALL HAVE 0.75"x2.5"
VHB OR EQUAL DOUBLE
SIDED TAPE APPLIED TO
BACK OF LEAF (BETWEEN
HINGE AND DOOR) PRIOR
TO INSTALLING FASTENERS.

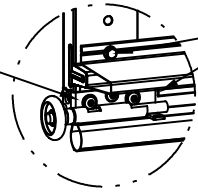


DETAIL B



DETAIL C

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



DETAIL D

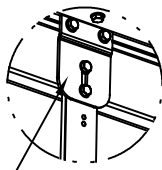
FOR IMPACT RESISTANCE,
BOTTOM BRACKET MUST BE
SCREWED TO THE BOTTOM
U-BAR WITH
(2) 1/4-14x7/8" SELF
DRILLING CRIMPTITE SCREWS.
SEE IMPACT BOTTOM BRACKET
DETAIL THIS SHEET.

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.

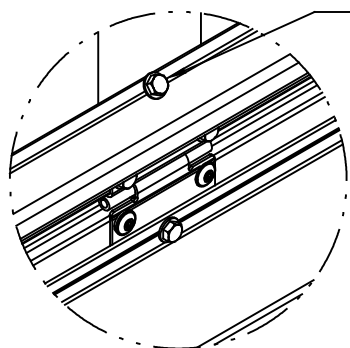
PLACE U-BAR OVER
INTEGRAL RIB AND ATTACH
WITH (2) 1/4-20x5/8"
CRIMPTITE SCREWS THRU
PRE-PUNCHED HOLES AT
EACH INTERMEDIATE HINGE
LOCATION (1 THRU FLANGE
OF U-BAR AND BOTTOM
HINGE LEAF AND 1 THRU
WEB OF U-BAR AND
INTEGRAL RIB OF SECTION)

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.

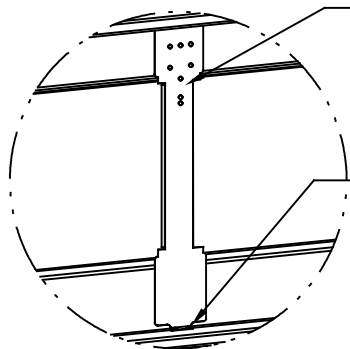
11 GA REINFORCEMENT
BRACKET ATTACHED WITH
(4) 1/4-14x7/8" SELF
DRILLING CRIMPTITE
SCREWS (2 THROUGH
BOTH BRACKET AND
U-BAR AND 2 THROUGH
BOTH BRACKET AND
OPERATOR STILE)



DETAIL E



DETAIL F



DETAIL G

(1) 1/4-14x7/8" SELF
DRILLING CRIMPTITE SCREW
AT CENTER LINE OF DOOR
THRU J-STRUT &
OPERATOR BRACKET.

OPERATOR STILE ATTACHED WITH (2)
0.75"x2.5" VHB 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.

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

U-BAR ATTACHMENT NOTES

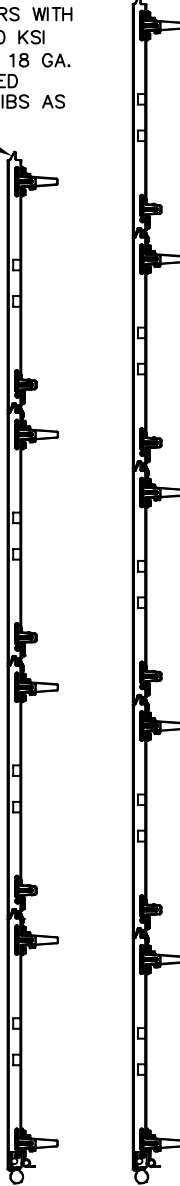
1. ALL U-BARS SHALL BE PLACED OVER INTEGRAL RIBS AND
ATTACHED THRU PRE-PUNCHED HOLES WITH (2) 1/4-14x5/8"
CRIMPTITE SCREWS AT EACH INTERMEDIATE HINGE LOCATION, (2)
1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS AT EACH END
CAP (EXCEPT BOTH U-BARS ON BOTTOM SECTION - SEE
DETAIL B AND D THIS SHEET), (2) 1/4-14x5/8"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

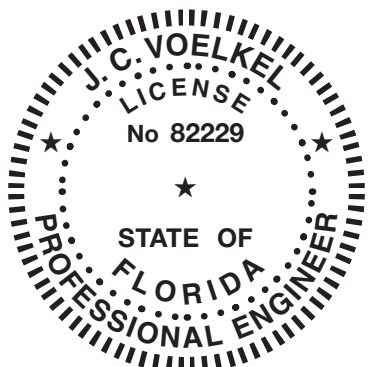
3. 18 GA U-BARS SHALL BE STAMPED "46" APPROXIMATELY 8"
FROM EACH END.

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

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



REVISIONS



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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	NAME	
TEST (PSF):	+45.00/−50.25	MAX HEIGHT:	8′−9″	DRAWN	7/30/08	GRT	
IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 21″		CHECKED	8/06/08	MRB	
MODEL 5120/9100/9605				SHEET 2 OF 2			
WINDLOAD SPECIFICATION OPTION CODE 0231				DRAWING PART NO.		REV.	
				318996		F	