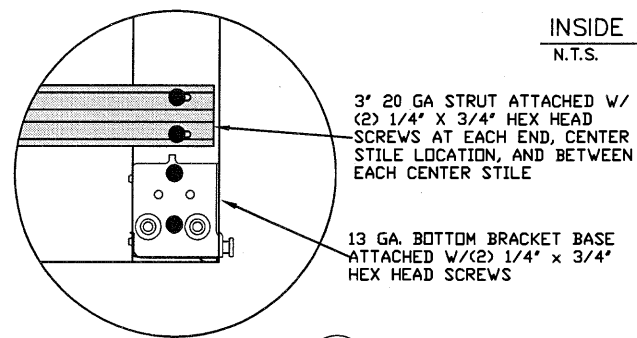
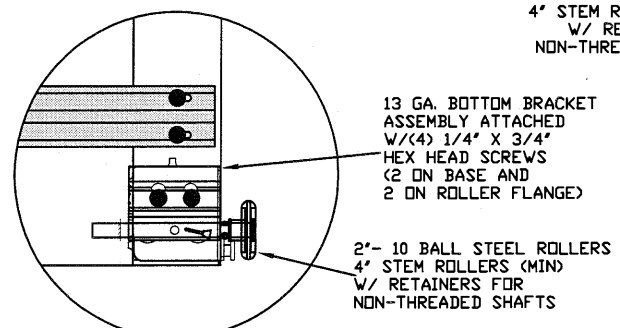


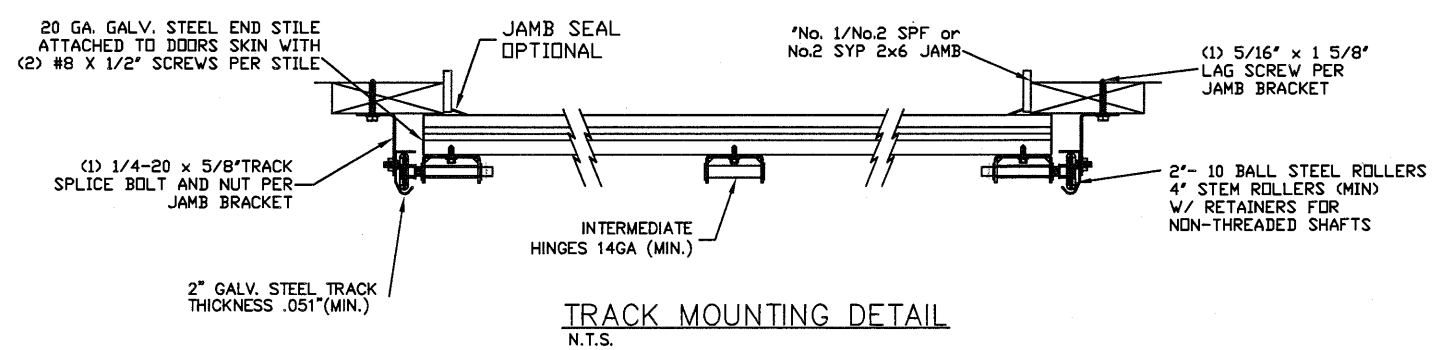
INSIDE ELEVATION
N.T.S.



TRBB-375 BOTTOM BRACKET
N.T.S. 4A

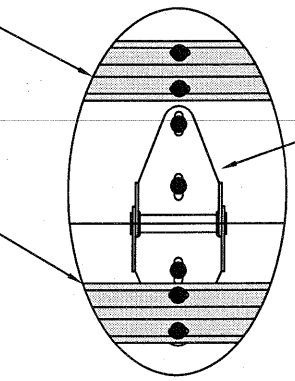


TRBB-375 BOTTOM BRACKET
N.T.S. 4B



TRACK MOUNTING DETAIL
N.T.S.

(1) 3' 20 GA STRUT ON EVERY OTHER SECTION STARTING WITH THE THIRD SECTION ATTACHED ABOVE THE HINGES W/ (2) 1/4" X 3/4" HEX HEAD SCREWS EACH END STILE, EACH CENTER STILE, AND BETWEEN EACH CENTER STILE

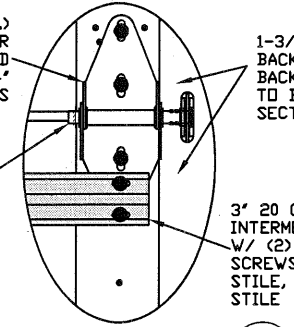


TYPICAL CENTER HINGE
N.T.S. 2

3' 20 GA STRUT ON EACH INTERMEDIATE SECTION ATTACHED W/ (2) 1/4" X 3/4" HEX HEAD SCREWS AT EACH END, CENTER STILE, AND BETWEEN EACH CENTER STILE

SLIDE LOCK ENGAGES INTO VERTICAL TRACK ON BOTH SIDES (SNAP LATCH, OR LOCK BAR OPTIONAL) ATTACH W/ (2) 1/4" X 3/4" HEX HEAD SCREWS

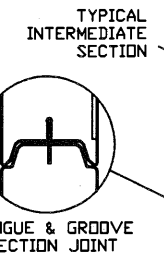
14 GA. (MIN.) END HINGE ROLLER CARRIERS ATTACHED W/ (5) 1/4" X 3/4" HEX HEAD SCREWS



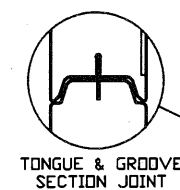
TYPICAL END HINGE
N.T.S. 3

14GA. (MIN.) CENTER HINGE ATTACHED W/ A TOTAL OF (5) 1/4" X 3/4" HEX HEAD SCREWS

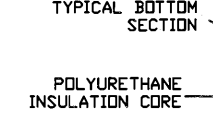
(1) 3' 20 GA STRUT ON EVERY OTHER SECTION STARTING WITH THE THIRD SECTION ATTACHED ABOVE THE HINGES W/ (2) 1/4" X 3/4" HEX HEAD SCREWS EACH END STILE, EACH CENTER STILE, AND BETWEEN EACH CENTER STILE



TYPICAL TOP FIXTURES
N.T.S. 1



TYPICAL INTERMEDIATE SECTION
N.T.S. 1



TYPICAL BOTTOM SECTION
N.T.S. 1

SECTION A-A (SIDE VIEW)

REV	DESCRIPTION OF REVISIONS	DATE	BY
MAX SIZE	18' x 14'		
DESIGN LOADS	+18.2 PSF -20.6 PSF		
TEST LOADS (1.5 x DESIGN LOADS)	+27.3 PSF -30.9 PSF		

THOMAS L. SHELMERDINE
85829
LICENSED PROFESSIONAL ENGINEER
TX

Thomas L. Shelmerdine, PE (TX PE #85829)
Structural Solutions, PA (TX Firm #004063)

5921-G W. Friendly Ave., Greensboro, NC 27410

THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURES DESCRIBED IN DASMA 108. THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING ASCE 7-98/02/05 WITH THE FOLLOWING PARAMETERS (5 FEET OF DOOR WIDTH IN END ZONE, ROOF AT ANY SLOPE, AND I=1.0):

WIND SPEED (MPH)	110	100	95	91	87
EXPOSURE LEVEL	B	C	C	D	D
MEAN ROOF HEIGHT	30'	15'	25'	15'	25'

ENTRE//MATIC
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105

**MODEL C500 (CLAMSHELL)
AMARR OLYMPUS**

SIZE	DRAWN BY	R/LR	DATE	10/19/15	DRAWING NUMBER
B	CHECKED BY	R/LR	DATE	10/19/15	IRC-C518-110-15

SHEET 1 OF 3

TABLE 1

DOOR HEIGHT	TRACK ATTACHMENT											TYPICAL SPLICE
	A	B	C	D	E	F	G	H	I	J	K	
7' 0"	10.0"	34"	46"	58"								76"
7' 6"	10.0"	34"	46"	58"								82"
8' 0"	10.0"	34"	46"	58"	70"							88"
9' 0"	10.0"	34"	46"	58"	70"	82"						100"
9' 6"	10.0"	34"	46"	58"	70"	82"						106"
10' 0"	10.0"	34"	46"	58"	70"	82"	94"					112"
11' 0"	10.0"	34"	46"	58"	70"	82"	94"	106"				124"
12' 0"	10.0"	34"	46"	58"	70"	82"	94"	106"	118"			136"
13' 0"	10.0"	34"	46"	58"	70"	82"	94"	106"	118"	130"		148"
14' 0"	10.0"	34"	46"	58"	70"	82"	94"	106"	118"	130"	142"	160"

ALL TRACK ATTACHMENTS +/- 2" ALLOWED USING SYP OR SPF NO.2 OR BETTER ONLY

TABLE 2

Section Width (ft)	Panel Type	Center Stile Locations (Measured from Left Edge)			Max Design Loads Allowed	
		1st (in)	2nd (in)	3rd (in)	Positive (PSF)	Negative (PSF)
16' 2	Short	50.27	97.00	143.73	20.2	22.9
16' 2	Long	51.17	97.00	142.83	20.2	22.9
16' 4	Short	51.27	98.00	144.73	20.0	22.7
16' 4	Long	52.17	98.00	143.83	20.0	22.7
16' 6	Short	52.27	99.00	145.73	19.8	22.4
16' 6	Long	51.34	99.00	146.66	19.8	22.4
16' 8	Short	51.34	100.00	148.66	19.6	22.2
16' 8	Long	52.20	100.00	147.80	19.6	22.2
16' 10	Short	51.50	101.00	150.50	19.4	22.0
16' 10	Long	53.20	101.00	148.80	19.4	22.0
17' 0	Short	53.34	102.00	150.66	19.2	21.8
17' 0	Long	54.20	102.00	149.80	19.2	21.8
17' 2	Short	53.00	103.00	153.00	19.0	21.6
17' 2	Long	55.20	103.00	150.80	19.0	21.6
17' 4	Short	54.00	104.00	154.00	18.9	21.3
17' 4	Long	56.20	104.00	151.80	18.9	21.3
17' 6	Short	55.00	105.00	155.00	18.7	21.1
17' 6	Long	57.20	105.00	152.80	18.7	21.1
17' 8	Short	54.80	106.00	157.20	18.5	20.9
17' 8	Long	55.80	106.00	156.20	18.5	20.9
17' 10	Short	55.80	107.00	158.20	18.3	20.7
17' 10	Long	56.25	107.00	157.75	18.3	20.7
18' 0	Short	57.25	108.00	158.75	18.2	20.6
18' 0	Long	57.80	108.00	158.20	18.2	20.6

WOOD JAMB ATTACHMENT TO STRUCTURE (OPTIONAL)

2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
 5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 24" O.C. (1 1/2" EMBEDMENT)

2 X 6 VERTICAL JAMB ATTACHMENT TO 2,000 PSI CONCRETE
 HILTI KWIK BOLT 3/8" X 4" STARTING 6" FROM ENDS THEN 24" O.C. (2 1/2" EMBEDMENT)
 HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 24" O.C. (1 1/4" EMBEDMENT)
 ITW/RAMSET REDHEAD (TRU-BOLT) 3/8" X 4" STARTING 6" FROM ENDS THEN 24" O.C. (2 1/2" EMBEDMENT)

2 X 6 VERTICAL JAMB ATTACHMENT TO HOLLOW C-90 BLOCK
 SIMPSON 1/4" X 3" TITEN SCREWS STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS (3" APART) AT 16" O.C. (1 1/2" EMBEDMENT)

2 X 6 VERTICAL JAMB ATTACHMENT TO GROUTED C-90 BLOCK (2000 PSI GROUT)
 HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 24" O.C. (1 1/4" EMBEDMENT)
 (OR, USE FASTENERS FOR HOLLOW C-90 BLOCK)

*LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
 *PREPARATION OF WOOD JAMBS BY OTHERS

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE 18' x 14'
 DESIGN LOADS +18.2 PSF -20.6 PSF
 TEST LOADS (1.5 x DESIGN LOADS) +27.3 PSF -30.9 PSF

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**MODEL C500 (CLAMSHELL)
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SIZE	DRAWN BY	RLR	DATE	10/19/15	DRAWING NUMBER
B	CHECKED BY	RLR	DATE	10/19/15	IRC-C518-110-15

SHEET 3 OF 3