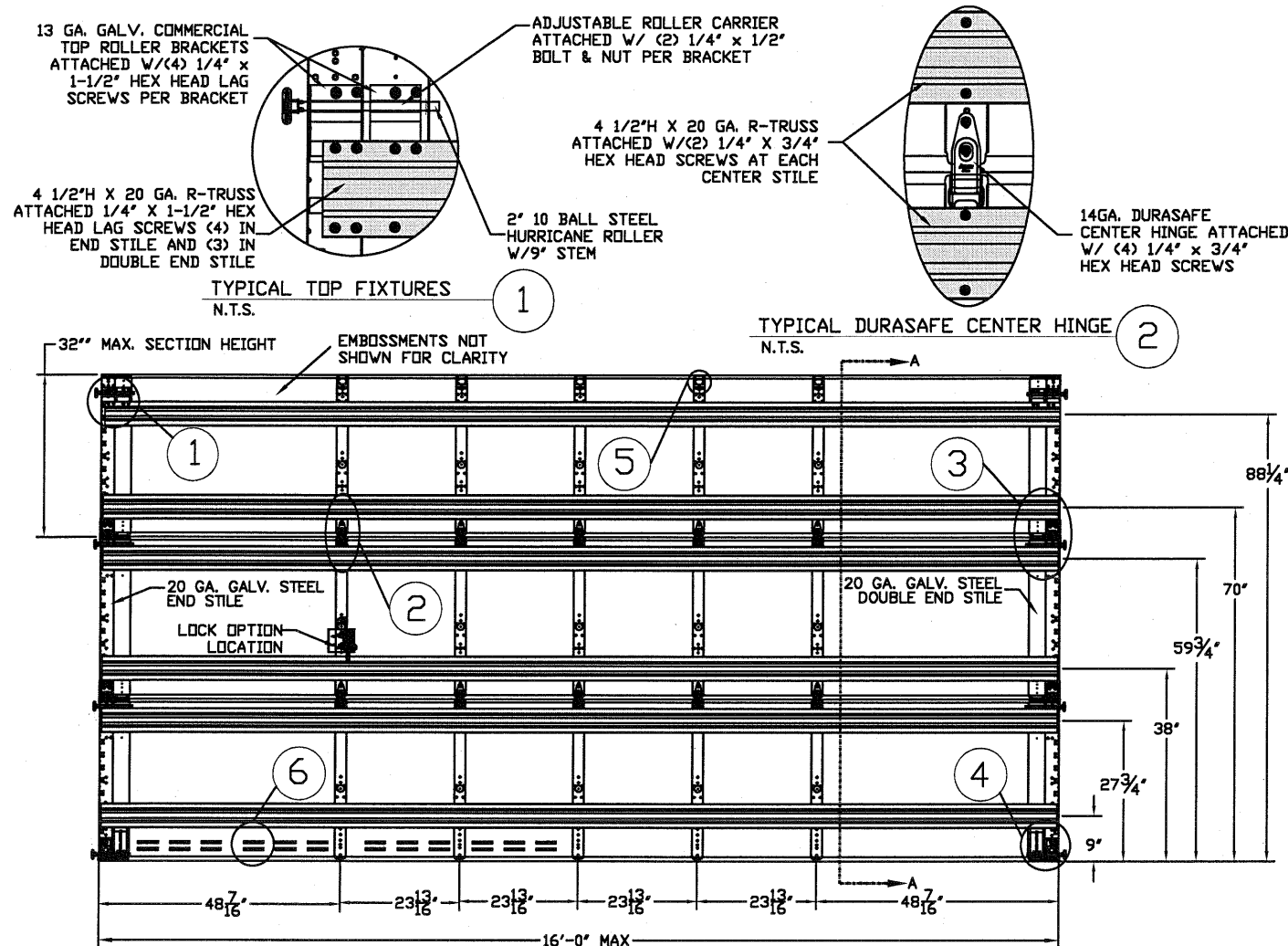
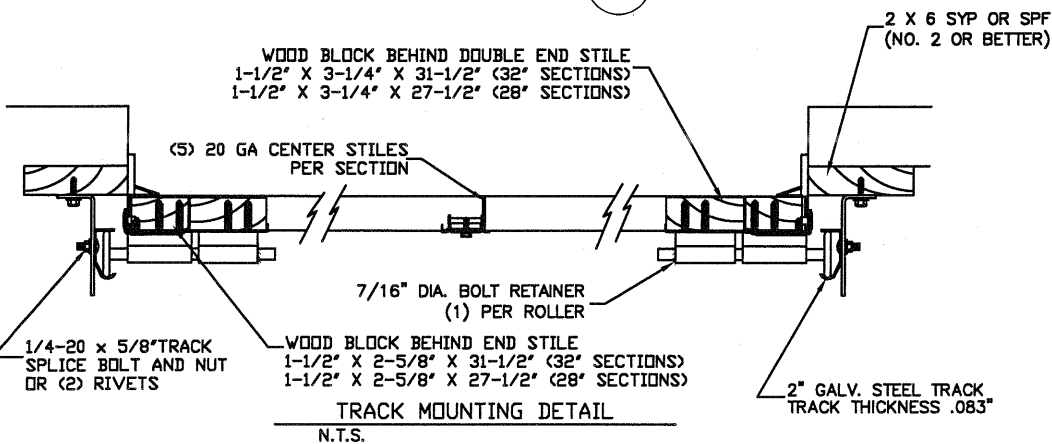
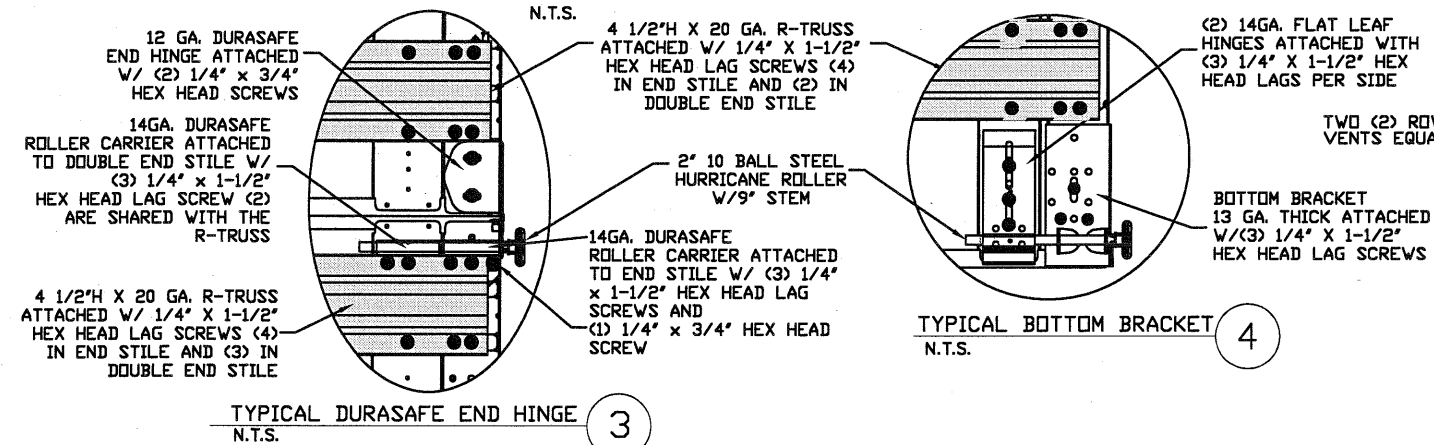


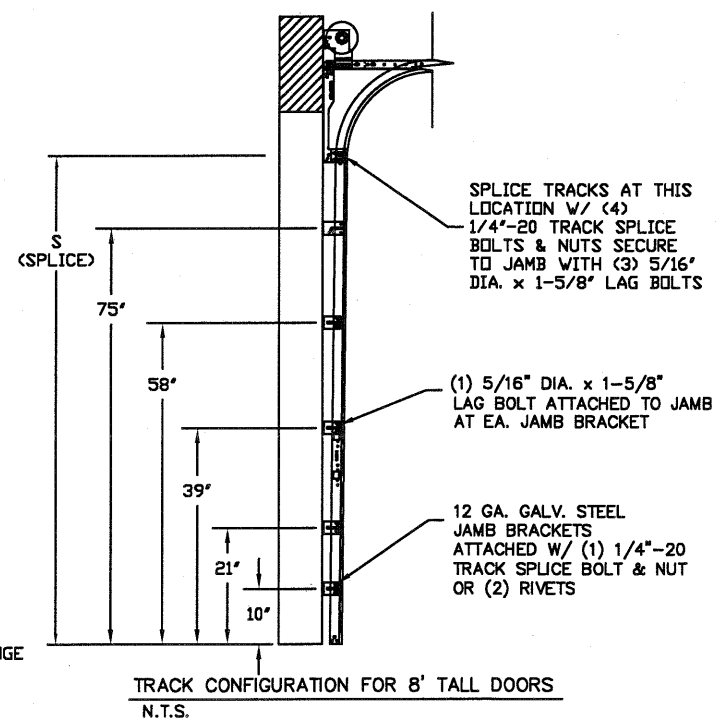
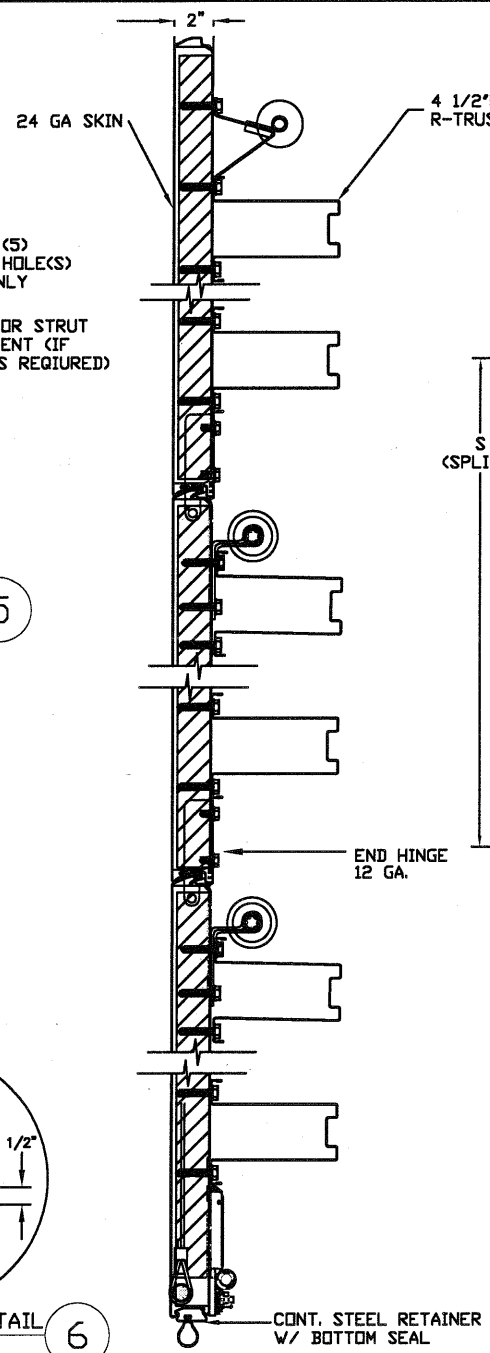
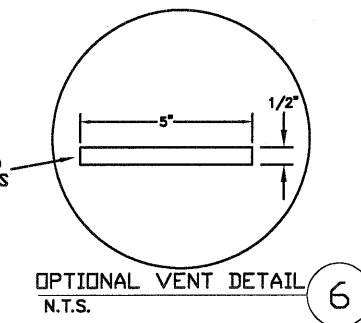
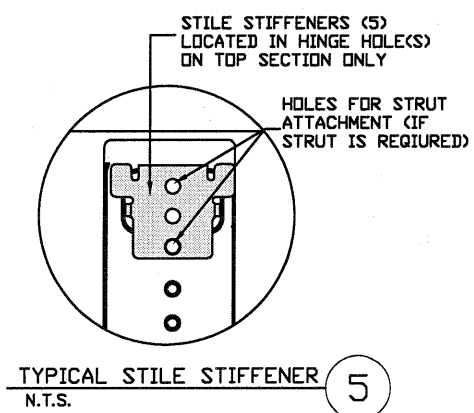


INSIDE ELEVATION
N.T.S.



THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN ASTM E330 AND ANSI/DASMA 108. THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING ASCE 7-16 WITH THE FOLLOWING PARAMETERS (5 FEET OF DOOR WIDTH IN THE END ZONE, ROOF AT ANY SLOPE):

WIND SPEED (MPH)	180	163	155	148	142
EXPOSURE LEVEL	B	C	C	D	D
MEAN ROOF HEIGHT	30'	15'	25'	15'	25'



ALL TRACK ATTACHMENT SPACING +/- 2" ALLOWED

DOORS OVER 8' TALL, TRACK ATTACHMENT 10" FROM BOTTOM OF TRACK THEN 18" O.C. (+/- 2")

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX. SIZE, 16' x 14'

DESIGN LOADS
+29.7 PSF
-33.1 PSF

TEST LOADS
(1.5 x DESIGN LOADS)
+44.5 PSF
-49.7 PSF

Thomas L. Shelmerdine, PE (FL PE #0048579)
Structural Solutions, PA (FL Firm #29412)

THOMAS L. SHELMERDINE
LICENSE
No. 48579
STATE OF FLORIDA
PROFESSIONAL ENGINEER
FL

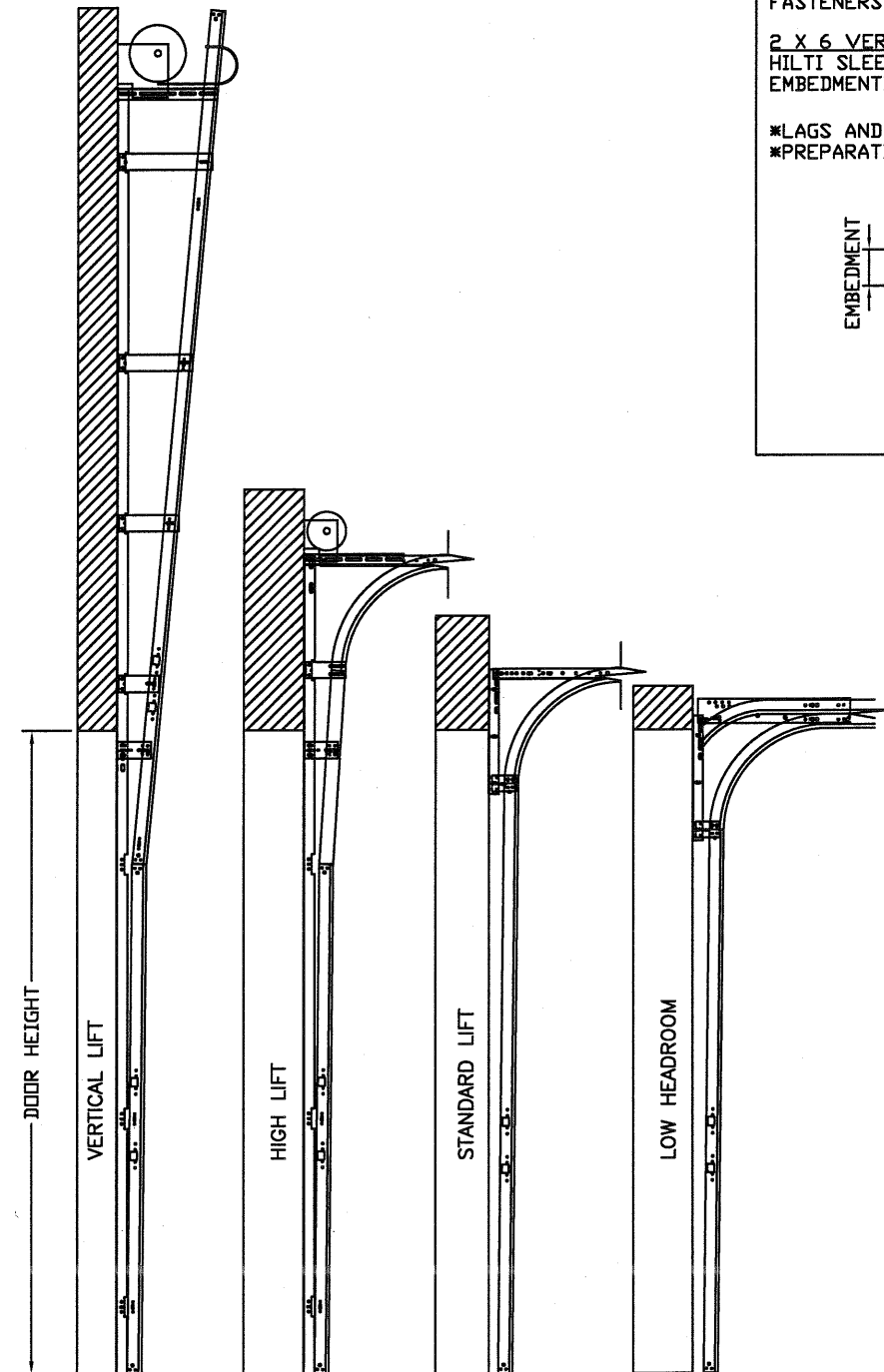
dba Structural Solutions of North Carolina, Inc.
5921-G W. Friendly Ave., Greensboro, NC 27410

MODEL 500 AMARR CLASSICA 1000, 2000

SIZE	DRAWN BY	DLJ	DATE	11/02/04	DRAWING NUMBER
B	CHECKED BY	AAE	DATE	11/02/04	IRC-5316-140-24
ENTREPRENEUR					SHEET 1 OF 2
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105					

WOOD JAMB ATTACHMENT TO STRUCTURE

Section	Center Stile Locations (Measured from Left Edge)					Max Design Loads Allowed	
Width (ft)	1st (in)	2st (in)	3rd (in)	4th (in)	5th (in)	Positive (PSF)	Negative (PSF)
09' 2	28.13	55.00	81.88			38.8	43.2
09' 4	28.63	56.00	83.38			38.1	42.5
09' 6	29.13	57.00	84.88			37.4	41.7
09' 8	29.63	58.00	86.38			36.8	41.0
09' 10	30.13	59.00	87.88			36.2	40.3
10' 0	30.63	60.00	89.38			35.6	39.6
10' 2	31.13	61.00	90.88			35.0	39.0
10' 4	31.63	62.00	92.38			34.4	38.4
10' 6	32.13	63.00	93.88			33.9	37.7
10' 8	32.63	64.00	95.38			33.3	37.2
10' 10	33.13	65.00	96.88			32.8	36.6
11' 0	33.63	66.00	98.38			32.3	36.0
11' 2	34.13	67.00	99.88			31.8	35.5
11' 4	34.63	68.00	101.38			31.4	35.0
11' 6	35.13	69.00	102.88			30.9	34.5
11' 8	35.63	70.00	104.38			30.5	34.0
11' 10	36.13	71.00	105.88			30.1	33.5
12' 0	24.625	48.31	72	95.688	119.375	39.4	43.9
12' 2	25.125	49.06	73	96.938	120.875	38.9	43.3
12' 4	25.625	49.81	74	98.188	122.375	38.3	42.7
12' 6	26.125	50.56	75	99.438	123.875	37.8	42.2
12' 8	26.625	51.31	76	100.69	125.375	37.3	41.6
12' 10	27.125	52.06	77	101.94	126.875	36.8	41.1
13' 0	27.625	52.81	78	103.19	128.375	36.4	40.5
13' 2	28.125	53.56	79	104.44	129.875	35.9	40.0
13' 4	28.625	54.31	80	105.69	131.375	35.5	39.5
13' 6	29.125	55.06	81	106.94	132.875	35.0	39.0
13' 8	29.625	55.81	82	108.19	134.375	34.6	38.6
13' 10	30.125	56.56	83	109.44	135.875	34.2	38.1
14' 0	30.625	57.31	84	110.69	137.375	33.8	37.6
14' 2	31.125	58.06	85	111.94	138.875	33.4	37.2
14' 4	31.625	58.81	86	113.19	140.375	33.0	36.8
14' 6	32.125	59.56	87	114.44	141.875	32.6	36.3
14' 8	32.625	60.31	88	115.69	143.375	32.2	35.9
14' 10	33.125	61.06	89	116.94	144.875	31.9	35.5
15' 0	33.625	61.81	90	118.19	146.375	31.5	35.1
15' 2	34.125	62.56	91	119.44	147.875	31.2	34.7
15' 4	34.625	63.31	92	120.69	149.375	30.8	34.4
15' 6	47.42	70.208	93.00	115.79	138.58	30.4	33.9
15' 8	48.02	71.008	94.00	116.99	139.98	30.1	33.5
15' 10	48.62	71.808	95.00	118.19	141.38	29.7	33.1
16' 0	48.42	72.208	96.00	119.79	143.58	29.7	33.1

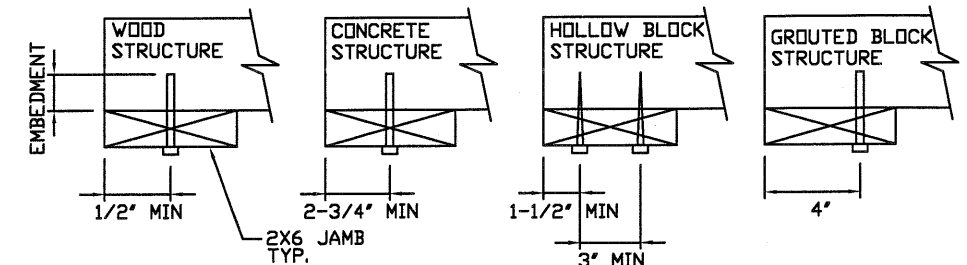


AVAILABLE TRACK CONFIGURATIONS
N.T.S.

2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
 5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 20" 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 18" 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 8" O.C. (1 1/2" EMBEDMENT)
 HILTI 1/4" X 2-3/4" KWIK-CON II+ SCREWS STARTING 6" FROM ENDS, USE PAIRS OF
 FASTENERS (3" APART) AT 8" O.C. (1 1/4" 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 20" 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
16' x 14'

DESIGN LOADS
+29.7 PSF
-33.1 PSF

TEST LOADS
(1.5 x DESIGN LOADS)
+44.5 PSF
-49.7 PSF

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MODEL 500 AMARR CLASSICA 1000, 2000

SIZE	DRAWN BY	DLJ	DATE	11/02/04	DRAWING NUMBER IRC-5316-140-24
B	CHECKED BY	AAE	DATE	11/02/04	
ENTREMATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105					SHEET 2 OF 2