

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 SLOPE 10' OR LESS, AND I=1.0):

| | | | | | |
|------------------|-----|-----|-----|-----|-----|
| WIND SPEED (MPH) | 140 | 127 | 121 | 115 | 111 |
| EXPOSURE LEVEL | B | C | C | D | D |
| MEAN ROOF HEIGHT | 30' | 15' | 25' | 15' | 25' |

| REV | DESCRIPTION OF REVISIONS | DATE | BY |
|-----|--------------------------|------|----|
| | | | |

MAX SIZE 12'2 x 24'

DESIGN LOADS +27.6 PSF -31.6 PSF

TEST LOADS +41.4 PSF -47.4 PSF

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

STATE OF TEXAS
THOMAS L. SHELMERDINE
85829
LICENSED PROFESSIONAL ENGINEER

TX

Amarr
ENTREMATICS

MODEL 2700/3550 AMARR 2742/3552
MODEL 2720/3550 AMARR 2042/3552

| | | | |
|------|----------------|---------------|-------------------|
| SIZE | DRAWN BY RLR | DATE 10/18/17 | DRAWING NUMBER |
| B | CHECKED BY RLR | DATE 10/18/17 | IBC-2712-140-63-A |

ENTREMATICS
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105

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

SHEET 1 OF 3

TABLE 1

| Section Width (ft) | Center Stile Locations | | Max Design Loads Allowed | |
|--------------------|------------------------|----------|--------------------------|----------------|
| | 1st (in) | 2nd (in) | Positive (PSF) | Negative (PSF) |
| 6' 0" | 36" | - | 37.1 | 42.0 |
| 6' 2" | 37" | - | 36.1 | 40.8 |
| 6' 4" | 38" | - | 35.2 | 39.8 |
| 6' 6" | 39" | - | 34.3 | 38.8 |
| 6' 8" | 40" | - | 33.4 | 37.8 |
| 6' 10" | 41" | - | 32.6 | 36.9 |
| 7' 0" | 42" | - | 31.8 | 36.0 |
| 7' 2" | 43" | - | 31.1 | 35.1 |
| 7' 4" | 44" | - | 30.4 | 34.3 |
| 7' 6" | 45" | - | 29.7 | 33.6 |
| 7' 8" | 46" | - | 29.1 | 32.8 |
| 7' 10" | 47" | - | 28.4 | 32.1 |
| 8' 0" | 48" | - | 27.8 | 31.5 |
| 9' 2" | 37" | 73" | 36.6 | 41.4 |
| 9' 4" | 36" | 76" | 35.0 | 39.6 |
| 9' 6" | 37" | 77" | 34.5 | 39.1 |
| 9' 8" | 38" | 78" | 34.1 | 38.6 |
| 9' 10" | 39" | 79" | 33.7 | 38.1 |
| 10' 0" | 40" | 80" | 33.2 | 37.6 |
| 10' 2" | 41" | 81" | 32.8 | 37.1 |
| 10' 4" | 42" | 82" | 32.3 | 36.5 |
| 10' 6" | 43" | 83" | 31.8 | 35.9 |
| 10' 8" | 44" | 84" | 31.3 | 35.4 |
| 10' 10" | 45" | 85" | 30.8 | 34.8 |
| 11' 0" | 46" | 86" | 30.3 | 34.3 |
| 11' 2" | 47" | 87" | 29.9 | 33.8 |
| 11' 4" | 48" | 88" | 29.4 | 33.3 |
| 11' 6" | 49" | 89" | 29.0 | 32.8 |
| 11' 8" | 50" | 90" | 28.6 | 32.3 |
| 11' 10" | 51" | 91" | 28.2 | 31.9 |
| 12' 0" | 48" | 96" | 27.7 | 31.3 |
| 12' 2" | 49" | 97" | 27.6 | 31.2 |

*CONTACT ENGINEERING FOR SIZES BETWEEN 8'4"-9'0"

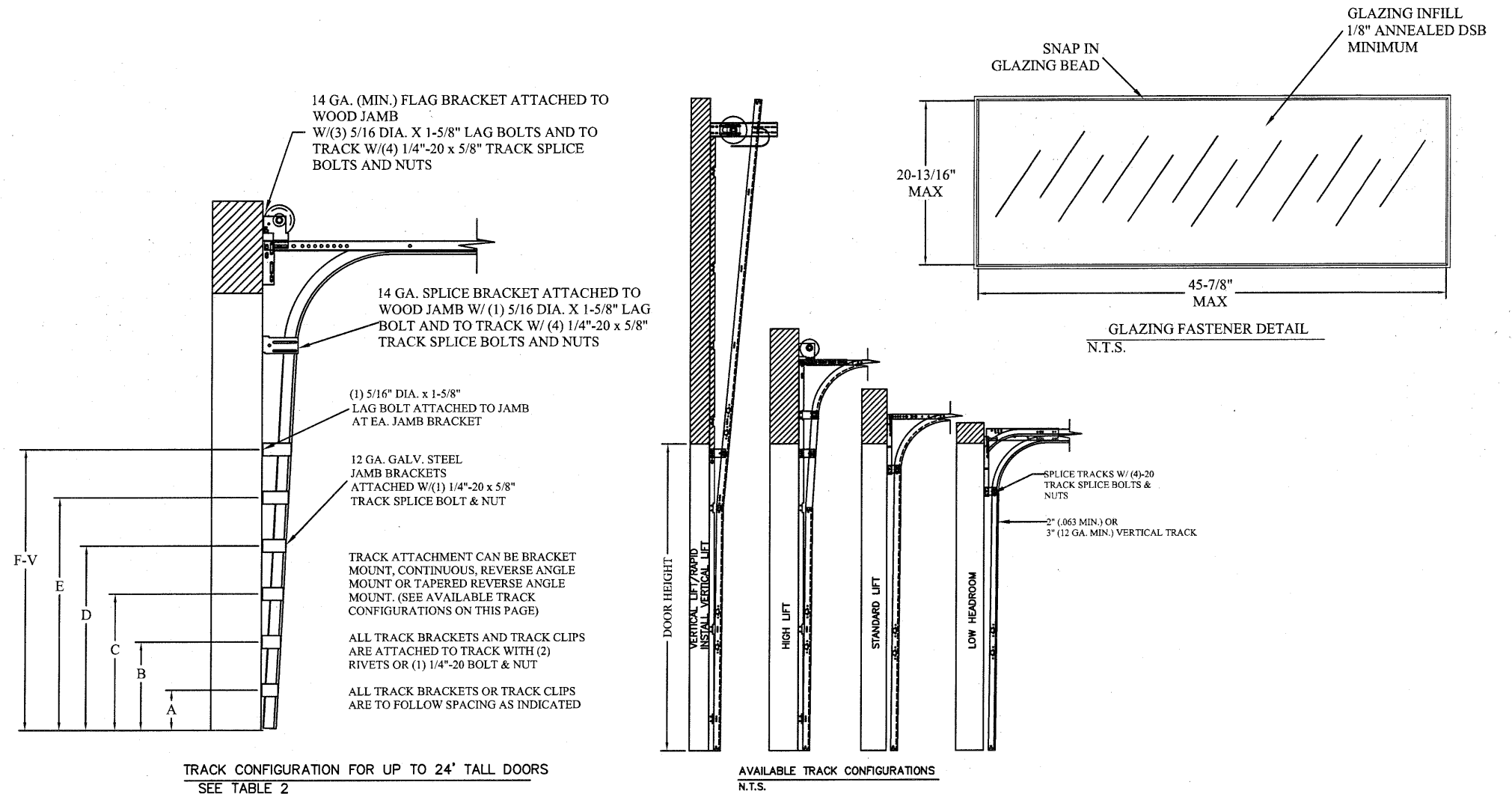


TABLE 2

| DOOR HEIGHT | SPICE | | | | | | | | | | | | | | | | | | | | | | |
|-------------|-------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|------|
| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | S |
| 7' 10" | 22" | 34" | 46" | 58" | 70" | | | | | | | | | | | | | | | | | | 76" |
| 8' 10" | 22" | 34" | 46" | 58" | 70" | | | | | | | | | | | | | | | | | | 88" |
| 9' 10" | 22" | 34" | 46" | 58" | 70" | 82" | | | | | | | | | | | | | | | | | 100" |
| 10' 10" | 22" | 34" | 46" | 58" | 70" | 82" | 94" | | | | | | | | | | | | | | | | 112" |
| 11' 10" | 22" | 34" | 46" | 58" | 70" | 82" | 94" | 106" | | | | | | | | | | | | | | | 124" |
| 12' 10" | 22" | 34" | 46" | 58" | 70" | 82" | 94" | 106" | 118" | | | | | | | | | | | | | | 136" |
| 13' 10" | 22" | 34" | 46" | 58" | 70" | 82" | 94" | 106" | 118" | 130" | | | | | | | | | | | | | 148" |
| 14' 10" | 22" | 34" | 46" | 58" | 70" | 82" | 94" | 106" | 118" | 130" | 142" | | | | | | | | | | | | 160" |
| 15' 10" | 22" | 34" | 46" | 58" | 70" | 82" | 94" | 106" | 118" | 130" | 142" | 154" | | | | | | | | | | | 172" |
| 16' 10" | 22" | 34" | 46" | 58" | 70" | 82" | 94" | 106" | 118" | 130" | 142" | 154" | 166" | | | | | | | | | | 184" |
| 17' 10" | 22" | 34" | 46" | 58" | 70" | 82" | 94" | 106" | 118" | 130" | 142" | 154" | 166" | 178" | | | | | | | | | 196" |
| 18' 10" | 22" | 34" | 46" | 58" | 70" | 82" | 94" | 106" | 118" | 130" | 142" | 154" | 166" | 178" | 190" | | | | | | | | 208" |
| 19' 10" | 22" | 34" | 46" | 58" | 70" | 82" | 94" | 106" | 118" | 130" | 142" | 154" | 166" | 178" | 190" | 202" | | | | | | | 220" |
| 20' 10" | 22" | 34" | 46" | 58" | 70" | 82" | 94" | 106" | 118" | 130" | 142" | 154" | 166" | 178" | 190" | 202" | 214" | | | | | | 232" |
| 21' 10" | 22" | 34" | 46" | 58" | 70" | 82" | 94" | 106" | 118" | 130" | 142" | 154" | 166" | 178" | 190" | 202" | 214" | 226" | | | | | 244" |
| 22' 10" | 22" | 34" | 46" | 58" | 70" | 82" | 94" | 106" | 118" | 130" | 142" | 154" | 166" | 178" | 190" | 202" | 214" | 226" | 238" | | | | 256" |
| 23' 10" | 22" | 34" | 46" | 58" | 70" | 82" | 94" | 106" | 118" | 130" | 142" | 154" | 166" | 178" | 190" | 202" | 214" | 226" | 238" | 250" | | | 268" |
| 24' 10" | 22" | 34" | 46" | 58" | 70" | 82" | 94" | 106" | 118" | 130" | 142" | 154" | 166" | 178" | 190" | 202" | 214" | 226" | 238" | 250" | 262" | | 280" |

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

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