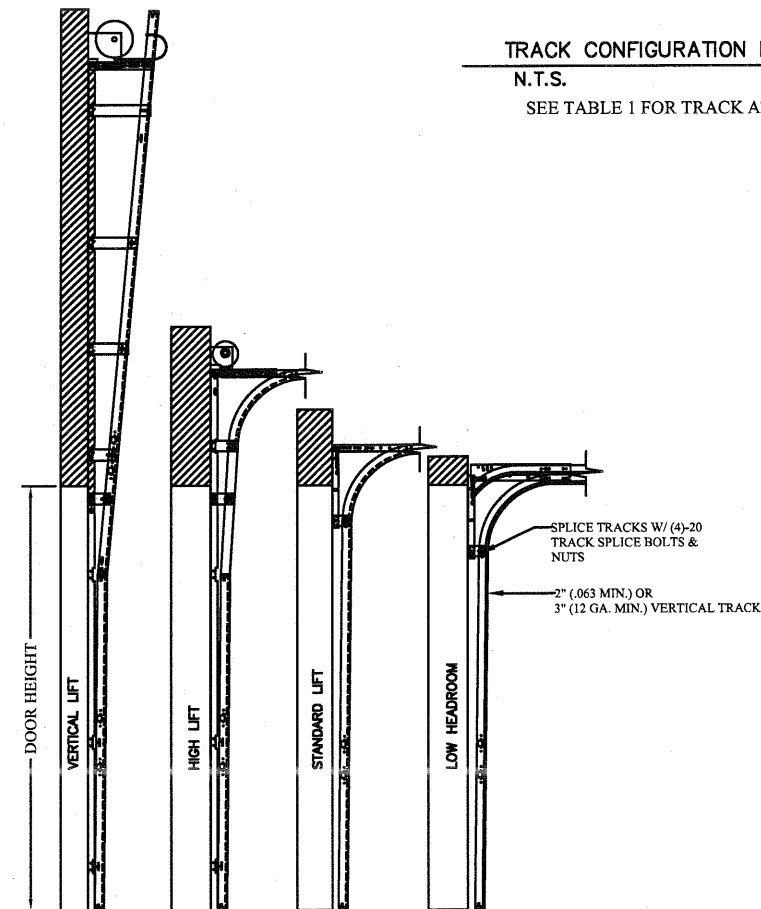
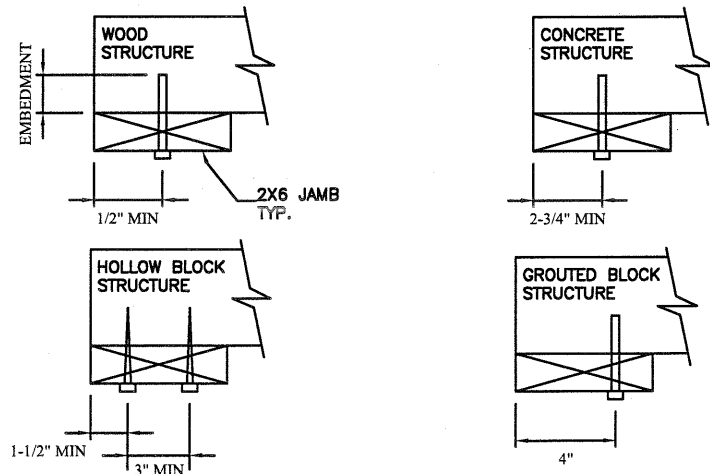


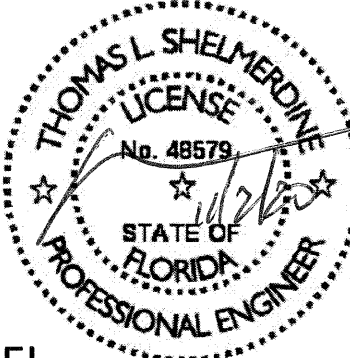


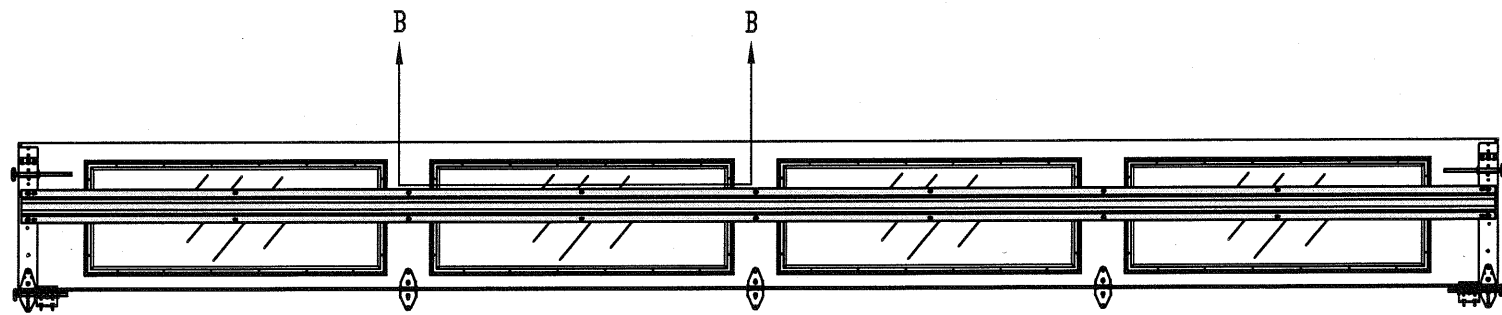
| DOOR<br>HEIGHT |    | TRACK ATTACHMENT |     |     |     |     |     |      |      |      | TYPICAL<br>SPLICE |
|----------------|----|------------------|-----|-----|-----|-----|-----|------|------|------|-------------------|
|                |    | A                | B   | C   | D   | E   | F   | G    | H    | I    |                   |
| 7'             | 0" | 10.0"            | 21" | 39" | 57" |     |     |      |      |      | 76"               |
| 7'             | 6" | 10.0"            | 21" | 39" | 57" | 75" |     |      |      |      | 82"               |
| 8'             | 0" | 10.0"            | 21" | 39" | 57" | 75" |     |      |      |      | 88"               |
| 9'             | 0" | 10.0"            | 21" | 39" | 57" | 75" | 93" |      |      |      | 100"              |
| 9'             | 6" | 10.0"            | 21" | 39" | 57" | 75" | 93" |      |      |      | 106"              |
| 10'            | 0" | 10.0"            | 21" | 39" | 57" | 75" | 93" |      |      |      | 112"              |
| 11'            | 0" | 10.0"            | 21" | 39" | 57" | 75" | 93" | 111" |      |      | 124"              |
| 12'            | 0" | 10.0"            | 21" | 39" | 57" | 75" | 93" | 111" | 129" |      | 136"              |
| 13'            | 0" | 10.0"            | 21" | 39" | 57" | 75" | 93" | 111" | 129" |      | 148"              |
| 14'            | 0" | 10.0"            | 21" | 39" | 57" | 75" | 93" | 111" | 129" | 147" | 160"              |

### WOOD JAMB ATTACHMENT TO STRUCTURE (OPTIONAL)

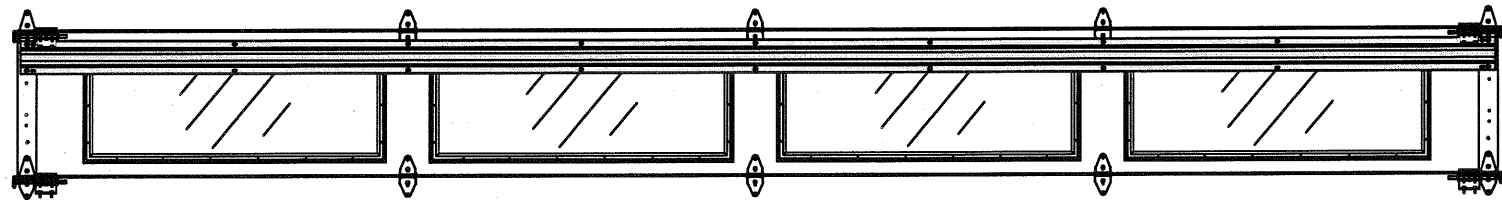
\*PREPARATION OF WOOD JAMBS BY OTHERS



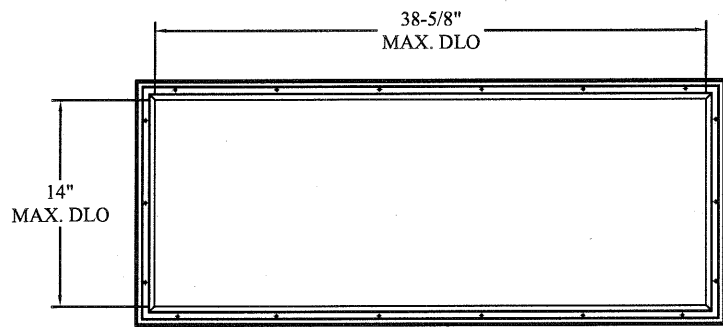
|                                                                                                                               |                          |                                                                                                                                                                                                                                                                                                                   |               |                                   |
|-------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------|
| REV                                                                                                                           | DESCRIPTION OF REVISIONS |                                                                                                                                                                                                                                                                                                                   | DATE          | BY                                |
|                                                                                                                               |                          |                                                                                                                                                                                                                                                                                                                   |               |                                   |
| <p>MAX SIZE<br/>18'2" x 14'</p> <p>DESIGN LOADS<br/>+25.1 PSF<br/>-28.4 PSF</p> <p>TEST LOADS<br/>+37.7 PSF<br/>-42.6 PSF</p> |                          | <p>Thomas L. Shelmerdine, PE (FL PE #00048579)<br/>Structural Solutions, PA (FL Firm #29412)</p> <p><b>FL</b></p>  <p>dba Structural Solutions of North Carolina, Inc.<br/>5921-G W. Friendly Ave., Greensboro, NC 27410</p> |               |                                   |
|                                          |                          |                                                                                                                                                                                                                                                                                                                   |               |                                   |
| <p><b>AMARR MODEL #1480 CARRIAGE COURT</b></p>                                                                                |                          |                                                                                                                                                                                                                                                                                                                   |               |                                   |
| SIZE                                                                                                                          | DRAWN BY                 | R/LR                                                                                                                                                                                                                                                                                                              | DATE 12/08/14 | DRAWING NUMBER<br>IRC-1418-130-26 |
| B                                                                                                                             | CHECKED BY               | R/LR                                                                                                                                                                                                                                                                                                              | DATE 12/08/14 |                                   |
| <p>ENTREMATIC<br/>165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105</p>                                                            |                          |                                                                                                                                                                                                                                                                                                                   |               | <p>SHEET 2 OF 3</p>               |



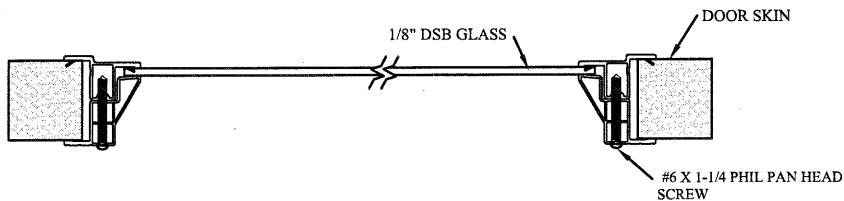
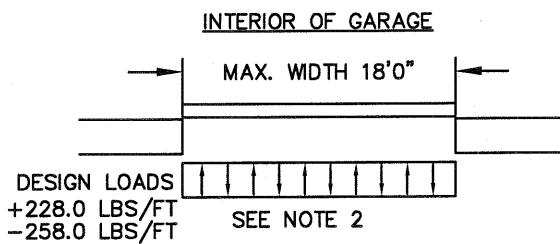
OPTIONAL GLAZED TOP SECTION W/ LONG PANEL 1480 (Carriage Court) WINDOWS AND STRUT LAYOUT  
N.T.S.



OPTIONAL GLAZED INTERMEDIATE SECTION W/ LONG PANEL 1480 (Carriage Court) WINDOWS AND STRUT LAYOUT  
N.T.S.



LONG PANEL 1480 (Carriage Court) GLAZING FASTENER DETAIL  
N.T.S.



SECTION B-B LONG PANEL 1480 (Carriage Court) WINDOW DETAIL  
N.T.S. (GLAZING MEETS ASTM E1300-04)

SPECIFICATIONS AND NOTES

1. ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE VERTICAL TRACK, FROM THE TRACK THE LOAD IS TRANSFERRED TO THE VERTICAL JAMBS. THE HORIZONTAL JAMB OR HEADER RECEIVES NO PORTION OF THE LOAD TRANSFERRED FROM THE DOOR.
2. EACH VERTICAL JAMBS RECEIVES MAXIMUM DESIGN LOADS OF: +228.0 LBS/FT & -258.0 LBS/FT
3. DOOR AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
4. DOOR SECTIONS SHALL BE 27 GA. (.015) MIN. EXTERIOR SKIN ROLLED FORMED, W/ BAKED ON POLYESTER FINISH
5. DOORS UP TO 14'0" HIGH HAVE (1) 5.5" 18GA R-TRUSS PER SECTION AND (1) 3" 20GA STRUT ON THE BOTTOM SECTION
6. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.

TABLE 2

| Section Width (ft) | Center Stile Locations (Measured from Left Edge) |          |          | Max Design Loads Allowed |                |
|--------------------|--------------------------------------------------|----------|----------|--------------------------|----------------|
|                    | 1st (in)                                         | 2nd (in) | 3rd (in) | Positive (PSF)           | Negative (PSF) |
| 16' 4"             | 52.168                                           | 98.000   | 143.834  | 27.7                     | 31.4           |
| 16' 6"             | 51.340                                           | 99.000   | 146.660  | 27.4                     | 31.1           |
| 16' 8"             | 52.200                                           | 100.000  | 147.800  | 27.2                     | 30.8           |
| 16' 10"            | 53.200                                           | 101.000  | 148.800  | 26.9                     | 30.4           |
| 17' 0"             | 54.200                                           | 102.000  | 149.800  | 26.6                     | 30.1           |
| 17' 2"             | 55.2                                             | 103.0    | 150.8    | 26.4                     | 29.9           |
| 17' 4"             | 56.200                                           | 104.000  | 151.800  | 26.1                     | 29.6           |
| 17' 6"             | 57.200                                           | 105.000  | 152.800  | 25.9                     | 29.3           |
| 17' 8"             | 55.800                                           | 106.000  | 156.200  | 25.6                     | 29.0           |
| 17' 10"            | 56.250                                           | 107.000  | 157.750  | 25.4                     | 28.7           |
| 18' 0"             | 57.800                                           | 108.000  | 158.200  | 25.2                     | 28.5           |
| 18' 2"             | 57.3                                             | 109.0    | 160.7    | 25.1                     | 28.4           |

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

MAX SIZE  
18'2 x 14'

DESIGN LOADS  
+25.1 PSF  
-28.4 PSF

TEST LOADS  
+37.7 PSF  
-42.6 PSF

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

FL

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

**AMARR MODEL #1480 CARRIAGE COURT**

|                  |                   |                  |                                   |
|------------------|-------------------|------------------|-----------------------------------|
| SIZE<br><b>B</b> | DRAWN BY<br>RLR   | DATE<br>12/08/14 | DRAWING NUMBER<br>IRC-1418-130-26 |
|                  | CHECKED BY<br>RLR | DATE<br>12/08/14 |                                   |

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

SHEET 3 OF 3