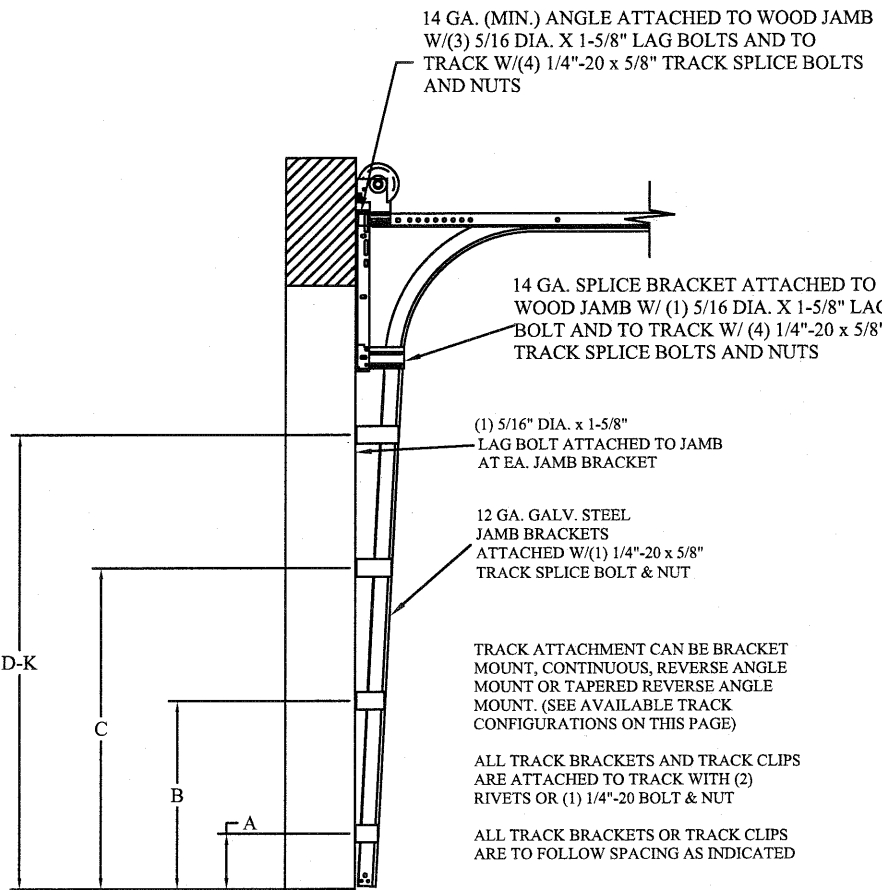






TABLE 1

| Section Width (ft) |     | Center Stile Locations (Measured from Left) |          |          | Max Design Loads Allowed |                |
|--------------------|-----|---------------------------------------------|----------|----------|--------------------------|----------------|
|                    |     | 1st (in)                                    | 2nd (in) | 3rd (in) | Positive (PSF)           | Negative (PSF) |
| 9'                 | 4"  | 36"                                         | 76"      | -        | 21.2                     | 24.0           |
| 9'                 | 6"  | 37"                                         | 77"      | -        | 20.9                     | 23.6           |
| 9'                 | 8"  | 38"                                         | 78"      | -        | 20.6                     | 23.3           |
| 9'                 | 10" | 39"                                         | 79"      | -        | 20.4                     | 23.0           |
| 10'                | 0"  | 40"                                         | 80"      | -        | 20.1                     | 22.8           |
| 10'                | 2"  | 41"                                         | 81"      | -        | 19.8                     | 22.5           |
| 10'                | 4"  | 42"                                         | 82"      | -        | 19.6                     | 22.2           |
| 10'                | 6"  | 43"                                         | 83"      | -        | 19.4                     | 21.9           |
| 10'                | 8"  | 44"                                         | 84"      | -        | 19.1                     | 21.7           |
| 10'                | 10" | 45"                                         | 85"      | -        | 18.9                     | 21.4           |
| 11'                | 0"  | 46"                                         | 86"      | -        | 18.7                     | 21.2           |
| 11'                | 2"  | 47"                                         | 87"      | -        | 18.5                     | 20.9           |
| 11'                | 4"  | 48"                                         | 88"      | -        | 18.3                     | 20.7           |
| 11'                | 6"  | 49"                                         | 89"      | -        | 18.1                     | 20.4           |
| 11'                | 8"  | 50"                                         | 90"      | -        | 17.9                     | 20.2           |
| 11'                | 10" | 51"                                         | 91"      | -        | 17.7                     | 20.0           |
| 12'                | 0"  | 48"                                         | 96"      | -        | 16.7                     | 19.0           |
| 12'                | 2"  | 49"                                         | 97"      | -        | 16.6                     | 18.8           |
| 12'                | 4"  | 50"                                         | 98"      | -        | 16.4                     | 18.6           |
| 12'                | 6"  | 51"                                         | 99"      | -        | 16.2                     | 18.4           |
| 12'                | 8"  | 52"                                         | 100"     | -        | 16.1                     | 18.2           |
| 12'                | 10" | 53"                                         | 101"     | -        | 15.9                     | 18.0           |
| 13'                | 0"  | 36"                                         | 78"      | 120"     | 19.1                     | 21.7           |
| 13'                | 2"  | 37"                                         | 79"      | 121"     | 19.1                     | 21.7           |
| 13'                | 4"  | 38"                                         | 80"      | 122"     | 19.1                     | 21.7           |
| 13'                | 6"  | 39"                                         | 81"      | 123"     | 19.1                     | 21.7           |
| 13'                | 8"  | 40"                                         | 82"      | 124"     | 19.1                     | 21.7           |
| 13'                | 10" | 41"                                         | 83"      | 125"     | 19.1                     | 21.7           |
| 14'                | 0"  | 42"                                         | 84"      | 126"     | 19.1                     | 21.7           |
| 14'                | 2"  | 43"                                         | 85"      | 127"     | 18.9                     | 21.4           |
| 14'                | 4"  | 44"                                         | 86"      | 128"     | 18.7                     | 21.2           |
| 14'                | 6"  | 45"                                         | 87"      | 129"     | 18.5                     | 20.9           |
| 14'                | 8"  | 46"                                         | 88"      | 130"     | 18.3                     | 20.7           |
| 14'                | 10" | 47"                                         | 89"      | 131"     | 18.1                     | 20.4           |
| 15'                | 0"  | 48"                                         | 90"      | 132"     | 17.9                     | 20.2           |
| 15'                | 2"  | 49"                                         | 91"      | 133"     | 17.7                     | 20.0           |
| 15'                | 4"  | 50"                                         | 92"      | 134"     | 17.5                     | 19.8           |
| 15'                | 6"  | 51"                                         | 93"      | 135"     | 17.3                     | 19.6           |
| 15'                | 8"  | 52"                                         | 94"      | 136"     | 17.1                     | 19.4           |
| 15'                | 10" | 53"                                         | 95"      | 137"     | 16.9                     | 19.2           |
| 16'                | 0"  | 48"                                         | 96"      | 144"     | 16.7                     | 19.0           |
| 16'                | 2"  | 49"                                         | 97"      | 145"     | 16.7                     | 18.9           |



TRACK CONFIGURATION FOR UP TO 24' TALL DOORS  
SEE TABLE 2

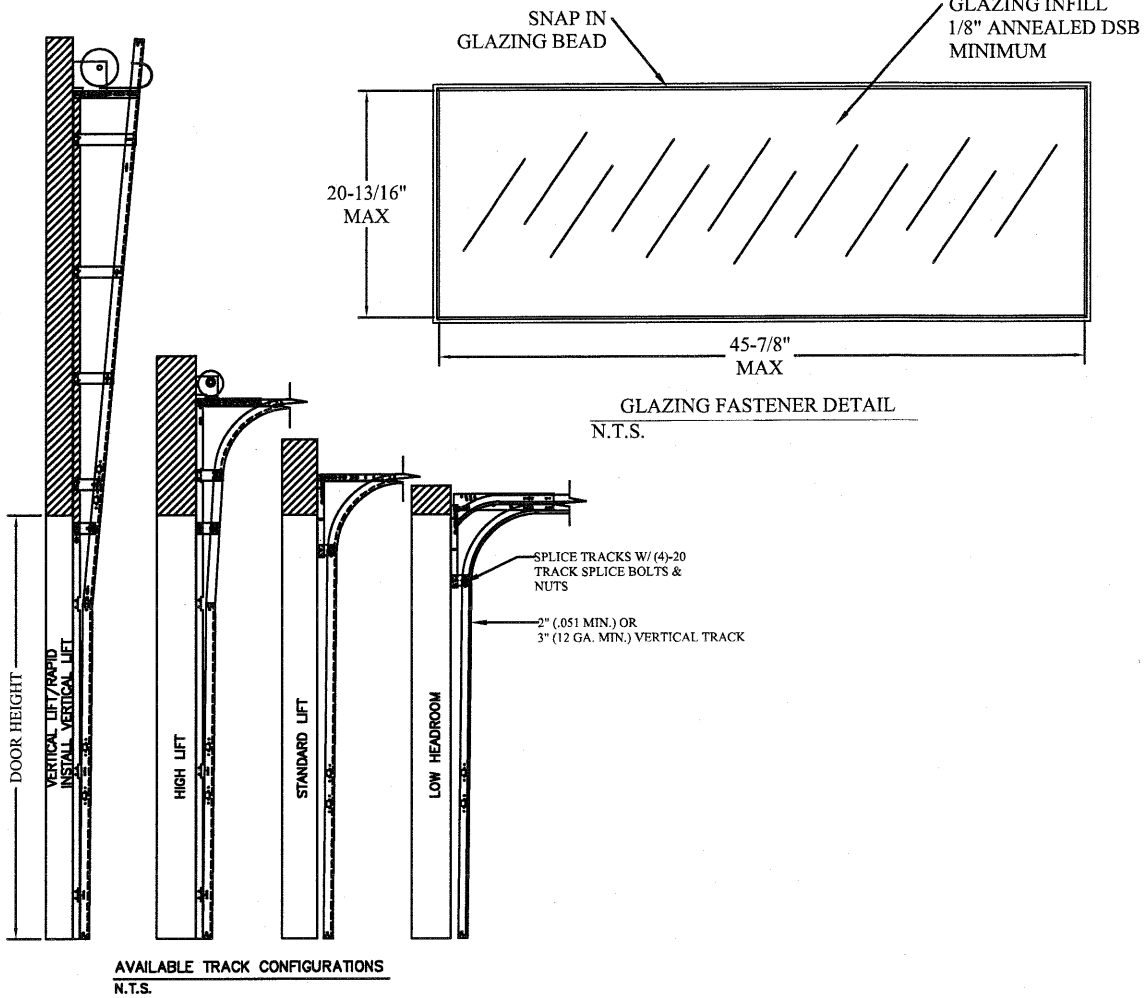


TABLE 2

| DOOR HEIGHT |    | TRACK ATTACHMENT |     |     |     |      |      |      |      |      |      |      | TYPICAL SPLICE |
|-------------|----|------------------|-----|-----|-----|------|------|------|------|------|------|------|----------------|
|             |    | A                | B   | C   | D   | E    | F    | G    | H    | I    | J    | K    |                |
| 7'          | 0" | 10.0"            | 34" | 58" |     |      |      |      |      |      |      |      | 76"            |
| 7'          | 6" | 10.0"            | 34" | 58" |     |      |      |      |      |      |      |      | 82"            |
| 8'          | 0" | 10.0"            | 34" | 58" |     |      |      |      |      |      |      |      | 88"            |
| 9'          | 0" | 10.0"            | 34" | 58" | 82" |      |      |      |      |      |      |      | 100"           |
| 9'          | 6" | 10.0"            | 34" | 58" | 82" |      |      |      |      |      |      |      | 106"           |
| 10'         | 0" | 10.0"            | 34" | 58" | 82" |      |      |      |      |      |      |      | 112"           |
| 11'         | 0" | 10.0"            | 34" | 58" | 82" | 106" |      |      |      |      |      |      | 124"           |
| 12'         | 0" | 10.0"            | 34" | 58" | 82" | 106" |      |      |      |      |      |      | 136"           |
| 13'         | 0" | 10.0"            | 34" | 58" | 82" | 106" | 130" |      |      |      |      |      | 148"           |
| 14'         | 0" | 10.0"            | 34" | 58" | 82" | 106" | 130" |      |      |      |      |      | 160"           |
| 15'         | 0" | 10.0"            | 34" | 58" | 82" | 106" | 130" | 154" |      |      |      |      | 172"           |
| 16'         | 0" | 10.0"            | 34" | 58" | 82" | 106" | 130" | 154" |      |      |      |      | 184"           |
| 17'         | 0" | 10.0"            | 34" | 58" | 82" | 106" | 130" | 154" | 178" |      |      |      | 196"           |
| 18'         | 0" | 10.0"            | 34" | 58" | 82" | 106" | 130" | 154" | 178" |      |      |      | 208"           |
| 19'         | 0" | 10.0"            | 34" | 58" | 82" | 106" | 130" | 154" | 178" | 202" |      |      | 220"           |
| 20'         | 0" | 10.0"            | 34" | 58" | 82" | 106" | 130" | 154" | 178" | 202" |      |      | 232"           |
| 21'         | 0" | 10.0"            | 34" | 58" | 82" | 106" | 130" | 154" | 178" | 202" | 226" |      | 244"           |
| 22'         | 0" | 10.0"            | 34" | 58" | 82" | 106" | 130" | 154" | 178" | 202" | 226" |      | 256"           |
| 23'         | 0" | 10.0"            | 34" | 58" | 82" | 106" | 130" | 154" | 178" | 202" | 226" | 250" | 268"           |
| 24'         | 0" | 10.0"            | 34" | 58" | 82" | 106" | 130" | 154" | 178" | 202" | 226" | 250" | 280"           |

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

REVDESCRIPTION OF REVISIONSDATEBY

MAX SIZE  
16'2 x 24'

DESIGN LOADS  
+16.7 PSF  
-18.9 PSF

TEST LOADS  
+25.1 PSF  
-28.4 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

Amarr

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

SIZE  
B

DRAWN BY  
DRD

CHECKED BY  
DLJ

DATE  
12/04/18

DATE  
12/27/18

DRAWING NUMBER  
IBC-2716-110-63-A

SHEET 3 OF 3