

**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: +202.4 LBS/FT & -230.4 LBS/FT
3. DOORS AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
4. DOOR SECTIONS SHALL BE 25 GA. EXTERIOR MIN. (.019\"), AND 27 GA. INTERIOR MIN. (.014\"), ROLLED FORMED LIGHT COMMERCIAL QUALITY
5. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.

THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE 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 THE END ZONE, ROOF AT ANY SLOPE, AND I=1.0):

|                  |     |     |     |     |     |
|------------------|-----|-----|-----|-----|-----|
| WIND SPEED (MPH) | 130 | 118 | 112 | 107 | 103 |
| EXPOSURE LEVEL   | B   | C   | C   | D   | D   |
| MEAN ROOF HEIGHT | 30' | 15' | 25' | 15' | 25' |

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

MAX SIZE  
16' x 14'  
DESIGN LOADS  
+25.3 PSF  
-28.8 PSF  
TEST LOADS  
(1.5 x DESIGN LOADS)  
+38.0 PSF  
-43.2 PSF

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

TX

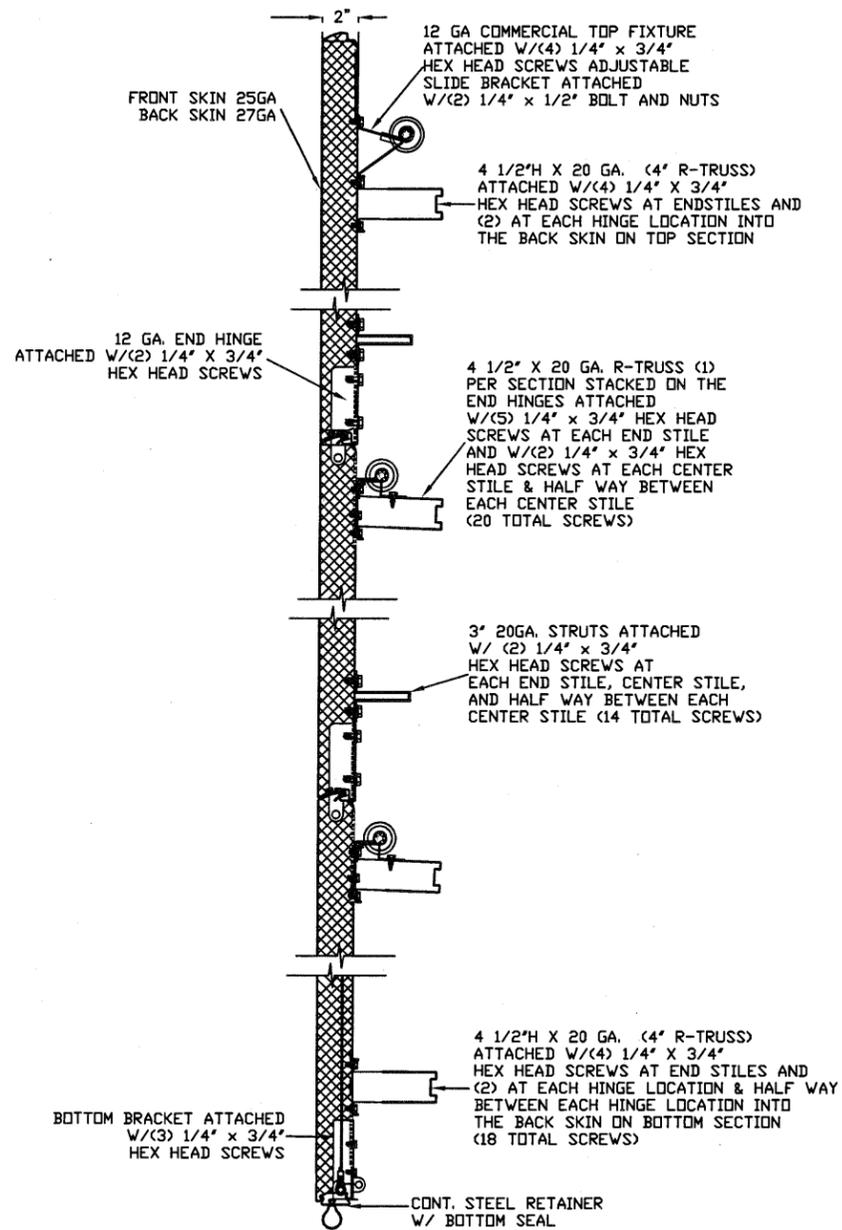
5921-G W. Friendly Ave., Greensboro, NC 27410

**Amarr**  
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105 WWW.AMARR.COM

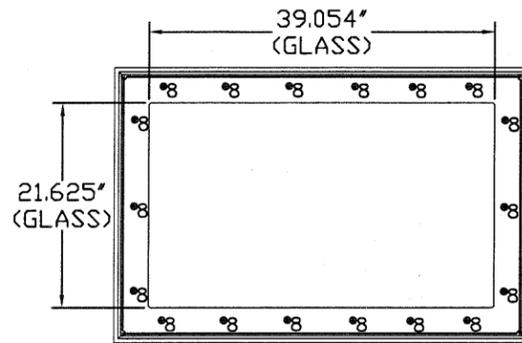
**MODEL #3000 CLASSICA**

|      |            |     |      |          |                 |
|------|------------|-----|------|----------|-----------------|
| SIZE | DRAWN BY   | RLR | DATE | 09/24/13 | DRAWING NUMBER  |
| B    | CHECKED BY |     | DATE |          | IRC-3316-130-24 |

SHEET 1 OF 2

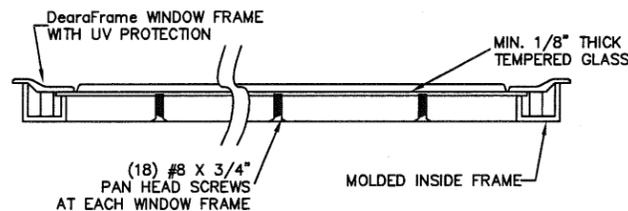


SECTION A-A (SIDE VIEW)  
N.T.S.



SHORT PANEL GLAZING FASTENER DETAIL  
N.T.S.

GLAZING OPTION CROSS SECTION  
GLAZING NOT AVAILABLE IN WIND-BORNE DEBRIS REGION  
GLAZING MEETS ASTM E1300-04



SECTION B-B

TABLE 3

| Section | Center Stile Locations<br>(Measured from Left Edge) |             |             |             |             |
|---------|---|-------------|-------------|-------------|-------------|
|         | Width<br>(ft)                                       | 1st<br>(in) | 2st<br>(in) | 3rd<br>(in) | 4th<br>(in) |
| 15' 6   |   | 47.42       | 93.00       | 138.58      |             |
| 15' 8   |   | 48.02       | 94.00       | 139.98      |             |
| 15' 10  |   | 48.62       | 95.00       | 141.38      |             |
| 16' 0   |   | 48.42       | 96.00       | 143.58      |             |

WOOD JAMB ATTACHMENT TO STRUCTURE

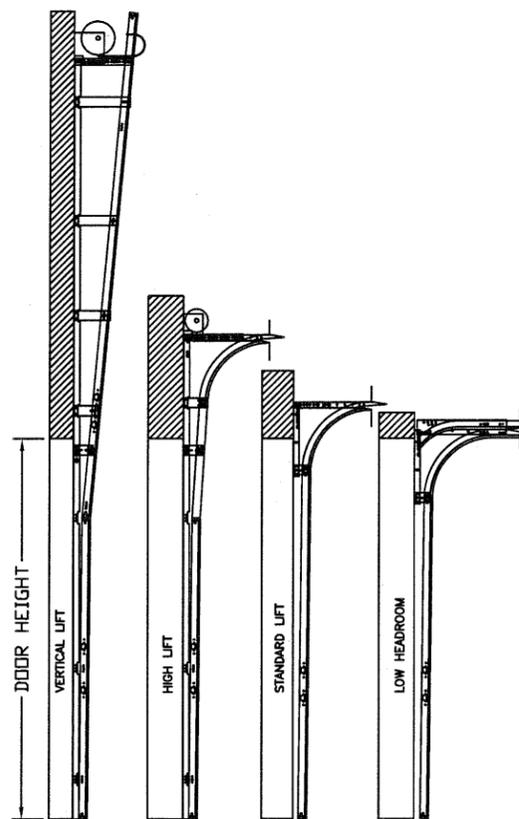
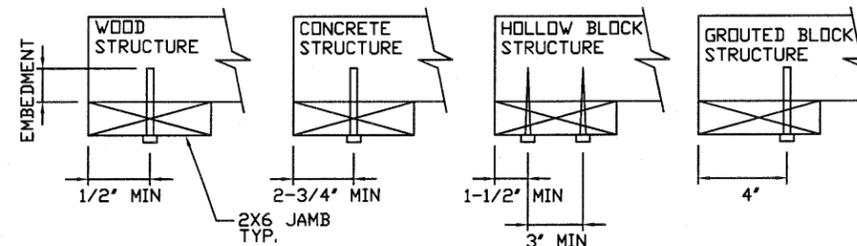
2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE  
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 24" O.C. (1 1/2" EMBEDMENT)

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 22" 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)  
HILTI 1/4" X 2-3/4" KWIK-CON II+ SCREWS STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS (3" APART) AT 16" 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 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



AVAILABLE TRACK CONFIGURATIONS  
N.T.S.

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

MAX SIZE  
16' x 14'

DESIGN LOADS  
+25.3 PSF  
-28.8 PSF

TEST LOADS  
(1.5 x DESIGN LOADS)  
+38.0 PSF  
-43.2 PSF

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

STATE OF TEXAS  
THOMAS L. SHELMEARDINE  
85829  
LICENSED PROFESSIONAL ENGINEER

TX

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

**Amarr**  
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105 WWW.AMARR.COM

MODEL #3000 CLASSICA

| SIZE | DRAWN BY   | RLR | DATE | 09/24/13 | DRAWING NUMBER  |
|------|------------|-----|------|----------|-----------------|
| B    | CHECKED BY |     | DATE |          | IRC-3316-130-24 |