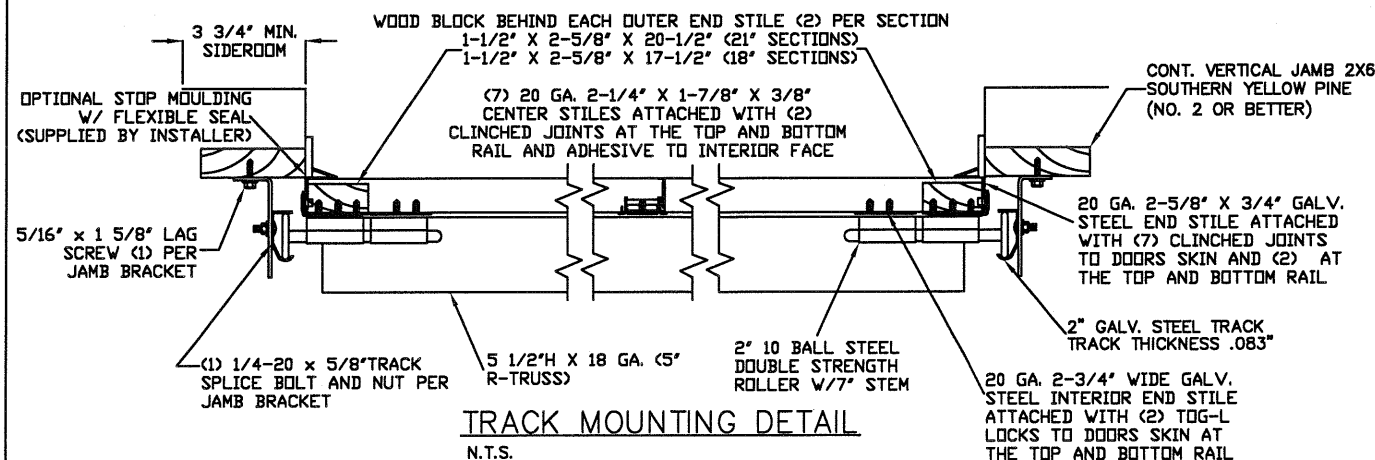
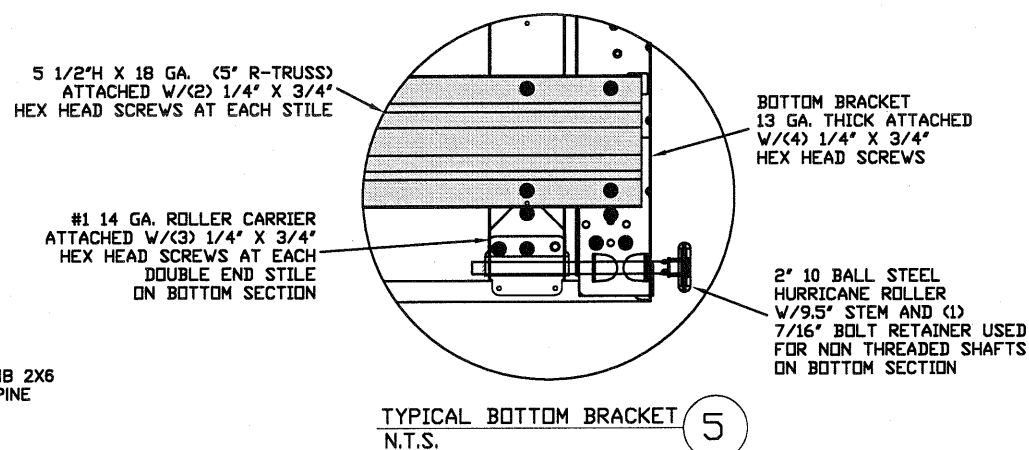
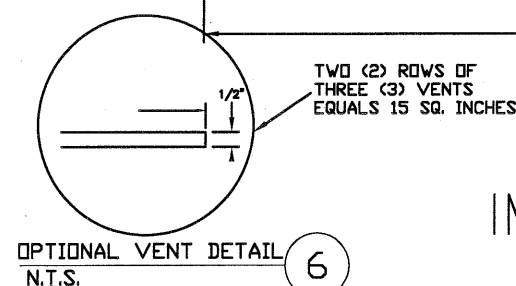
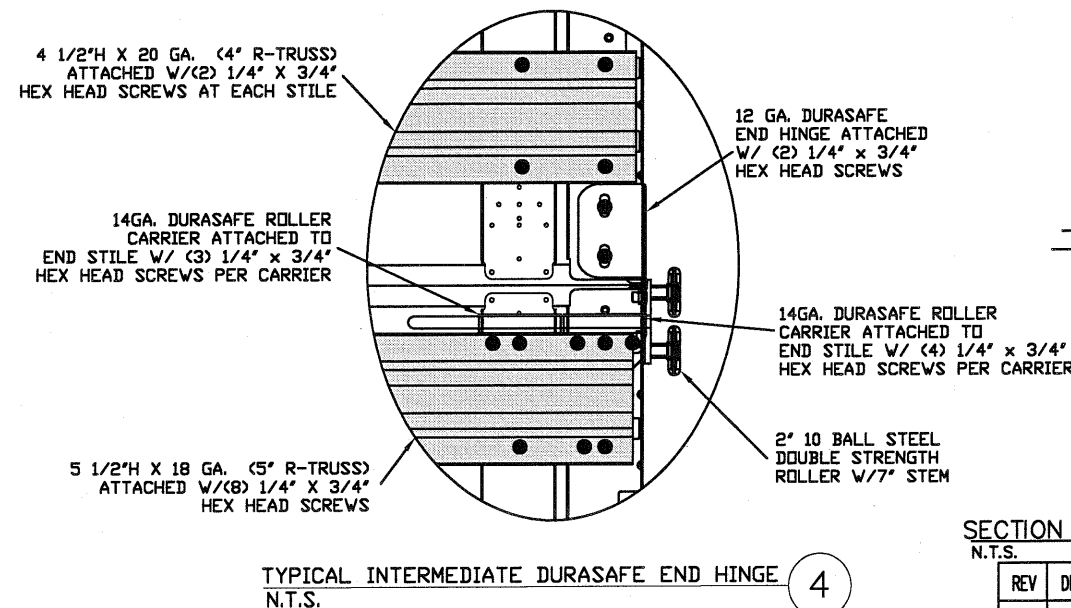
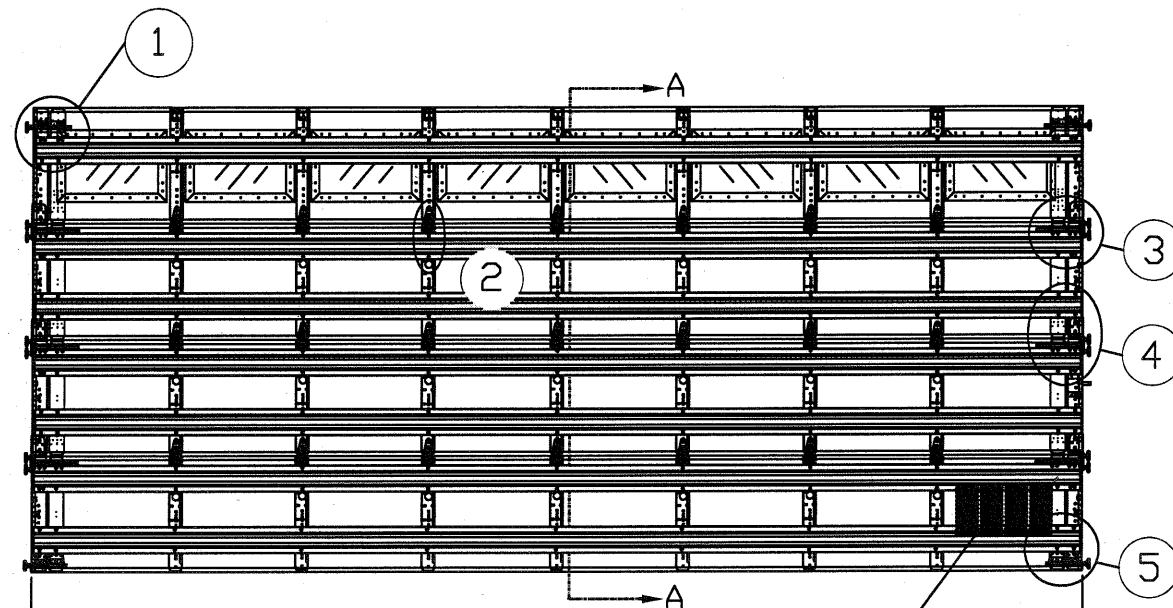
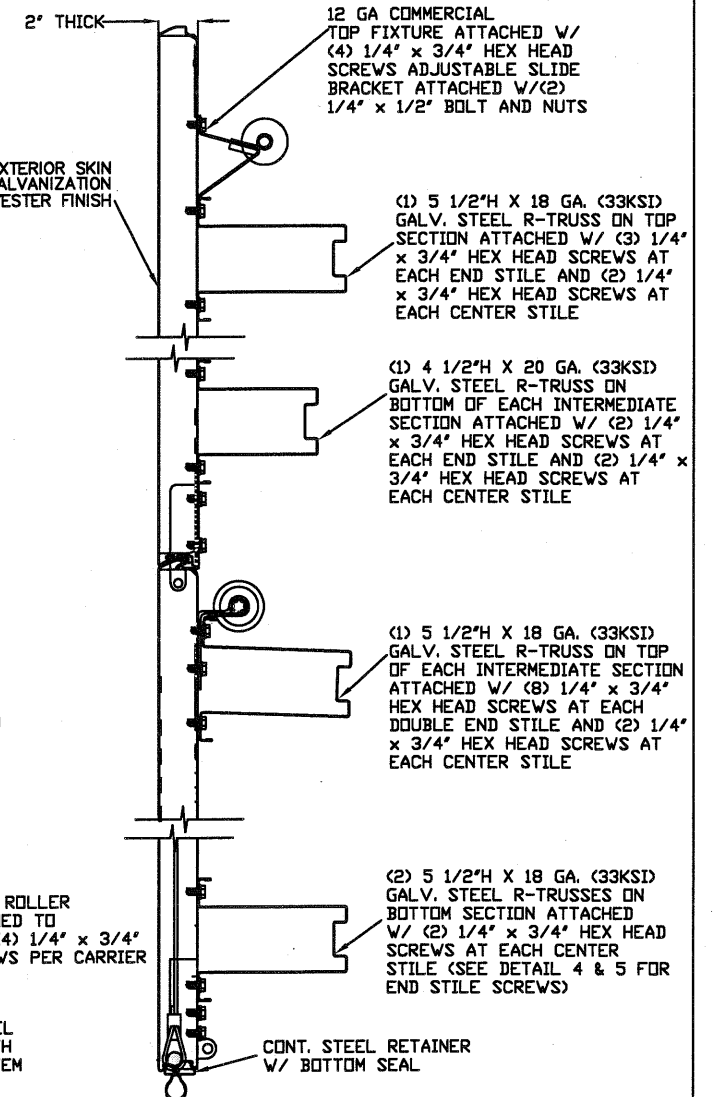
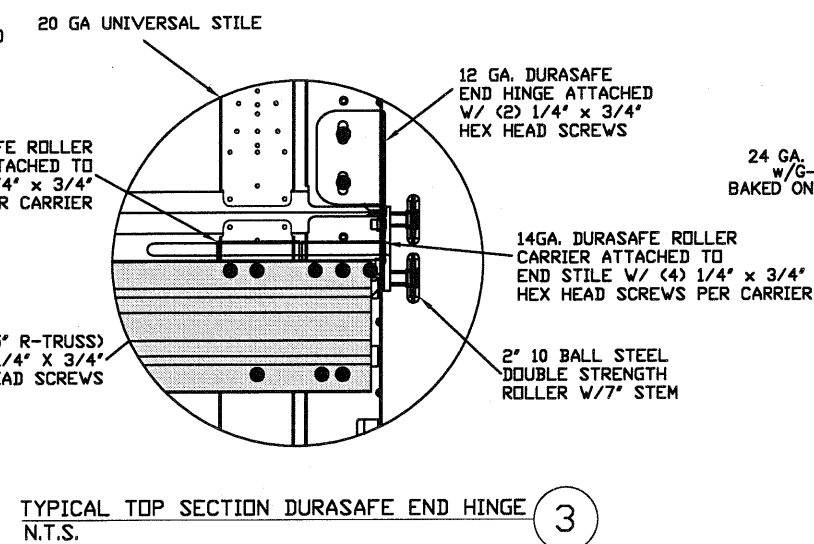
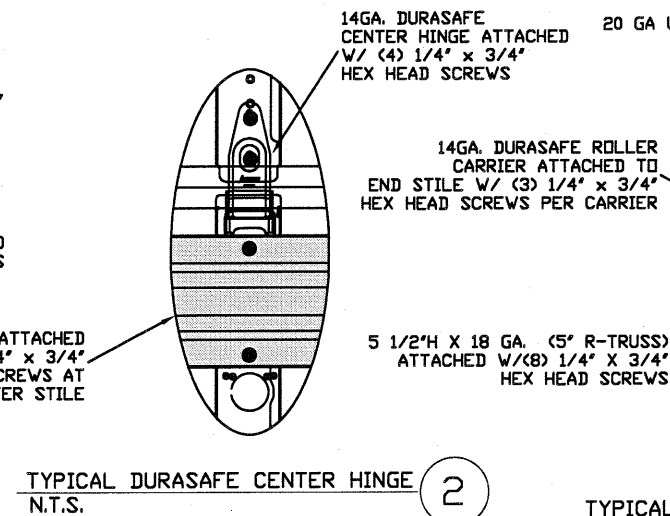
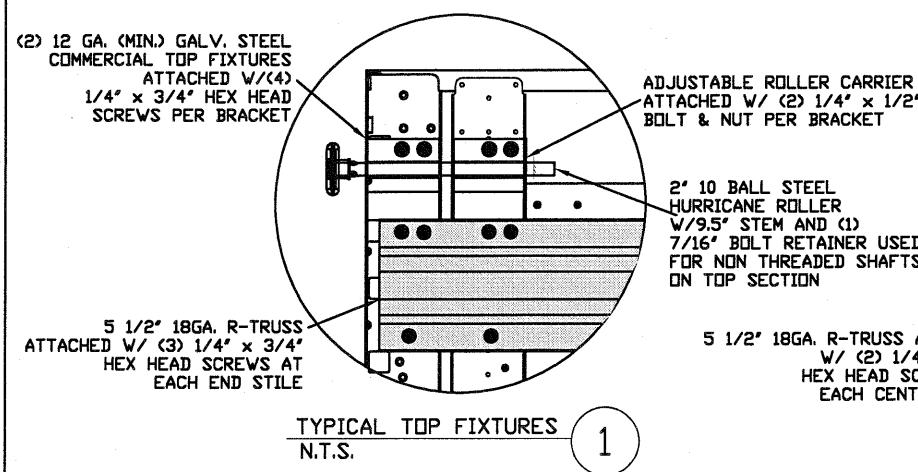




THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN ASTM E330, E1886, E1996, F588 AND ANSI/DASMA 108, 115. THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING ASCE 7-16 WITH THE FOLLOWING PARAMETERS (5 FEET OF DOOR WIDTH IN THE END ZONE, ROOF AT ANY SLOPE):

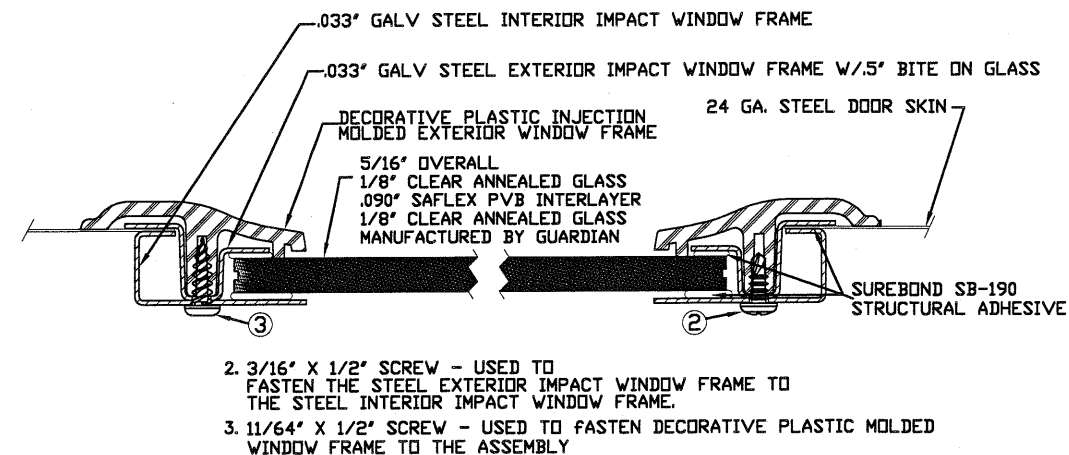
WIND SPEED (MPH)	239	217	206	197	189
EXPOSURE LEVEL	B	C	C	D	D
MEAN ROOF HEIGHT	30'	15'	25'	15'	25'

REV	DESCRIPTION OF REVISIONS	DATE	BY

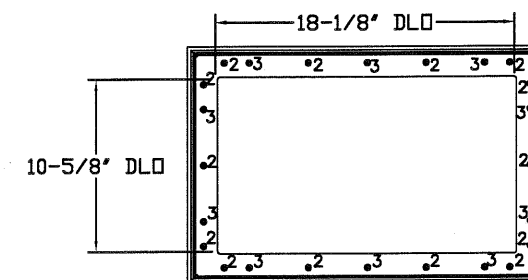
MAX SIZE 16' x 14'		Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (FL Firm #29412) dba Structural Solutions of North Carolina, Inc. 5921-G W. Friendly Ave., Greensboro, NC 27410
DESIGN LOADS +51.9 PSF -58.9 PSF		
TEST LOADS +77.9 PSF -88.4 PSF		
LARGE MISSILE IMPACT RESISTANCE		

MODEL #950 AMARR HERITAGE (24 GA) 1000, 2000 MODEL #655 AMARR OAK SUMMIT (24 GA) 1000, 2000 SHORT, LONG, FLUSH, AND OAK SUMMIT PANELS	
SIZE	DRAWN BY RLR DATE 09/28/15
B	CHECKED BY RLR DATE 09/28/15
ENTREMATICS 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105	
DRAWING NUMBER IRC-9516-185-26-1	
SHEET 1 OF 3	

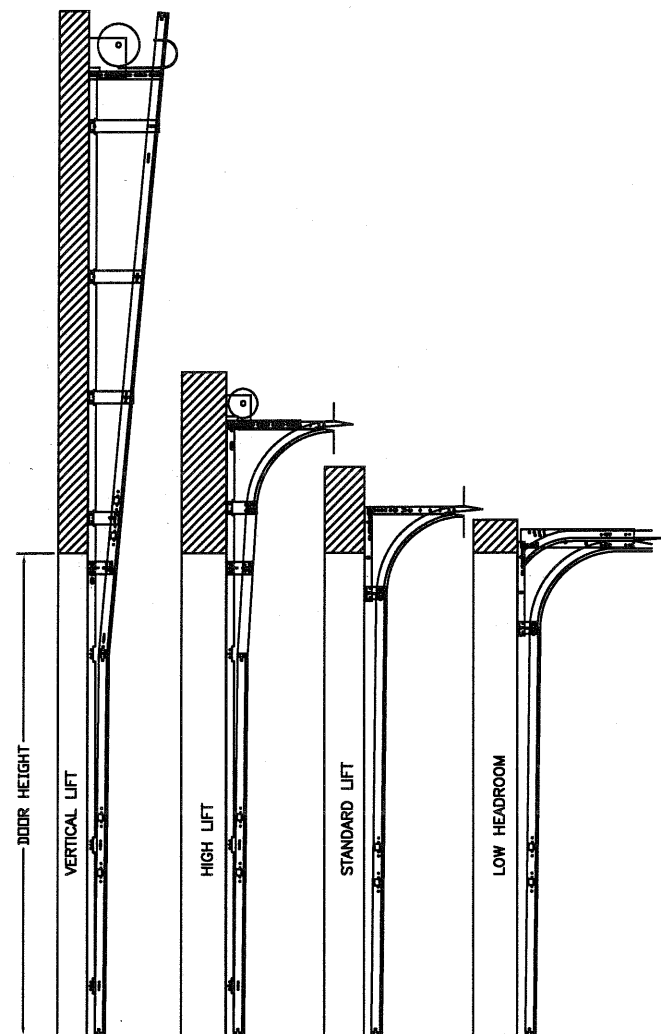
1. ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE VERTICAL TRACK, FROM THE TRACK THE LOAD IS TRANSFERRED TO THE VERTICAL JAMBS. THE HORIZONTAL JAMB OR HEADER RECEIVES NO PORTION OF THE LOAD TRANSFERRED FROM THE DOOR.
2. EACH VERTICAL JAMBS RECEIVES MAXIMUM DESIGN LOADS OF:
+415.2 LBS/FT & -471.2 LBS/FT
3. DOOR AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
4. DOOR SECTIONS SHALL BE 24 GA. (.0216) MIN. EXTERIOR SKIN ROLLED FORMED, W/ BAKED ON POLYESTER FINISH
5. DOORS UPTO 7'0" HIGH CONSIST OF (4) SECTIONS AS SHOWN. USE (1) 5 1/2" R-TRUSS ON TOP SECTION, (1) 5 1/2" R-TRUSS AND (1) 4 1/2" R-TRUSS PER INTERMEDIATE SECTION, & (2) 5 1/2" R-TRUSS 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.



SECTION B-B IMPACT WINDOW DETAIL
N.T.S.



GLAZING MEETS ASTM E1300-04



2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 10" 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 10" O.C. (1 1/4" EMBEDMENT)
ITW/RAMSET REDHEAD (TRU-BOLT) 3/8" X 4" STARTING 6" FROM ENDS THEN 20" 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 12" O.C. (1 1/4" EMBEDMENT) (OR, USE FASTENERS FOR HOLLOW C-90 BLOCK)

EMBEDMENT

WOOD STRUCTURE

CONCRETE STRUCTURE

HOLLOW BLOCK STRUCTURE

GROUTED BLOCK STRUCTURE

1/2" MIN

2-3/4" MIN

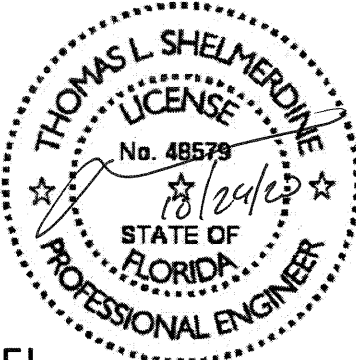
1-1/2" MIN

4"

2X6 JAMB TYP.

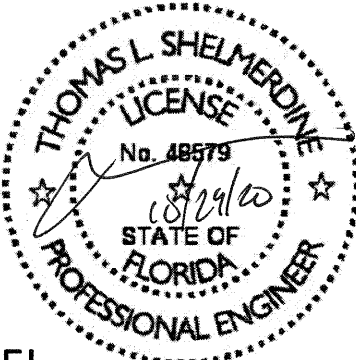
3" MIN

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE 16' x 14' DESIGN LOADS +51.9 PSF -58.9 PSF TEST LOADS +77.9 PSF -88.4 PSF LARGE MISSLE IMPACT RESISTANCE	Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (FL Firm #29412) FL 	d/ba Structural Solutions of North Carolina, Inc. 5921-G.W. Friendly Ave., Greensboro, NC 27410
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MODEL #950 AMARR HERITAGE (24 GA) 1000, 2000 MODEL #855 AMARR OAK SUMMIT (24 GA) 1000, 2000 SHORT, LONG, FLUSH, AND OAK SUMMIT PANELS				
SIZE B	DRAWN BY	RLR	DATE 09/28/15	DRAWING NUMBER IRC-9516-185-26-
	CHECKED BY	RLR	DATE 09/28/15	
ENTREMATRIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105				SHEET 2 OF 3

REV	DESCRIPTION OF REVISIONS	DATE	BY
MAX SIZE 16' x 14' DESIGN LOADS +51.9 PSF -58.9 PSF TEST LOADS +77.9 PSF -88.4 PSF LARGE MISSILE IMPACT RESISTANCE	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	
			
MODEL #950 AMARR HERITAGE (24 GA) 1000, 2000 MODEL #655 AMARR OAK SUMMIT (24 GA) 1000, 2000 SHORT, LONG, FLUSH, AND OAK SUMMIT PANELS			
SIZE	DRAWN BY	R/LR	DATE 09/28/15
B	CHECKED BY	R/LR	DATE 09/28/15
ENTREMATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105			DRAWING NUMBER IRC-9516-185-26-1 SHEET 3 OF 3