

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)	110	100	95	91	87
EXPOSURE LEVEL	B	C	C	D	D
MEAN ROOF HEIGHT	30'	15'	25'	15'	25'

- SPECIFICATIONS AND NOTES**
- DOORS AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA. EACH VERTICAL JAMBS RECEIVES MAXIMUM DESIGN LOADS OF: +163.8 LBS/FT & -185.4 LBS/FT
 - DOOR SECTIONS SHALL BE 27 GA. MIN. (.0151") ROLLED FORMED LIGHT COMMERCIAL QUALITY
 - SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.

REV	DESCRIPTION OF REVISIONS	DATE	BY

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18' WIDTH
14' HEIGHT
(DOOR HEIGHT SUBJECT TO WEIGHT LIMITATIONS)

DESIGN LOADS
+18.2 PSF
-20.6 PSF

TEST LOADS
(1.5 x DESIGN LOADS)
+27.3 PSF
-30.9 PSF

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

STATE OF TEXAS
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ENTRE/MATIC

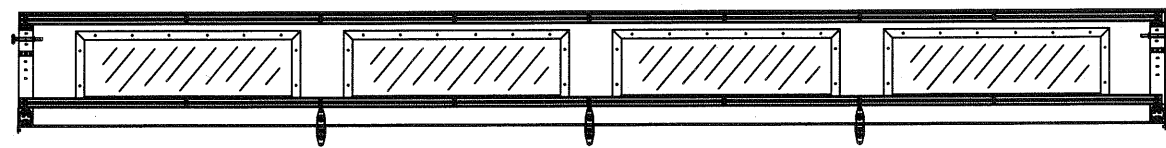
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105 WWW.AMARR.COM

MODEL #1500 AMARR STRATFORD 3000
MODEL #1200 AMARR HERITAGE 3000
MODEL #1550 AMARR OAK SUMMIT 3000
SHORT, LONG, FLUSH & OAK SUMMIT PANELS

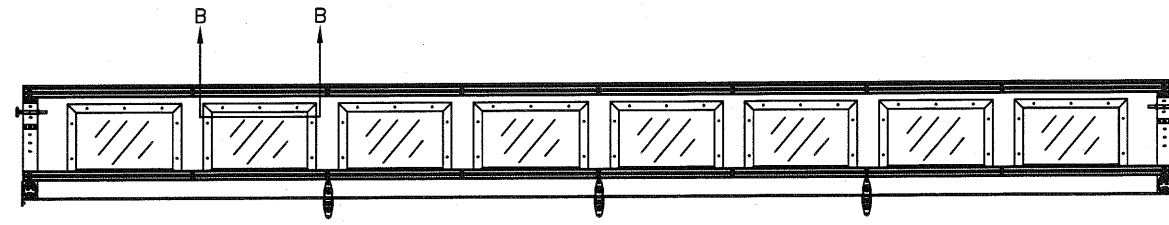
SIZE	DRAWN BY	RLR	DATE	06/05/14	DRAWING NUMBER
B	CHECKED BY	RLR	DATE	06/05/14	IRC-1518-110-15

SHEET 1 OF 3

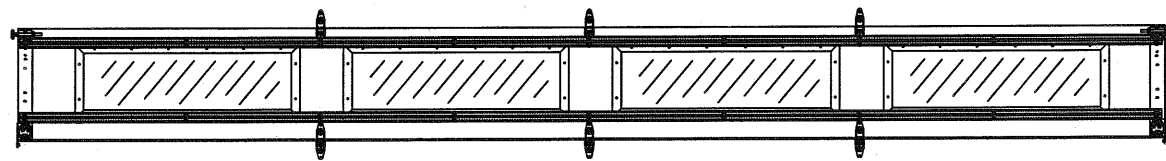
OPTIONAL SHORT AND LONG PANEL GLAZING LAYOUTS
GLAZING MEETS ASTM E1300-04



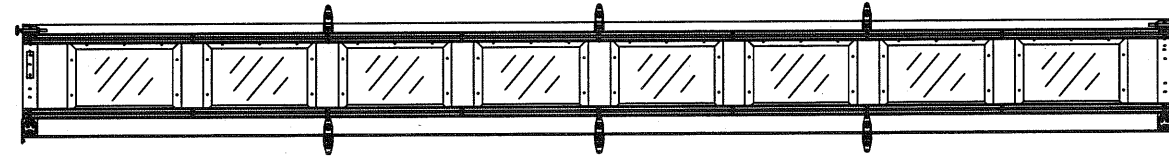
TOP SECTION



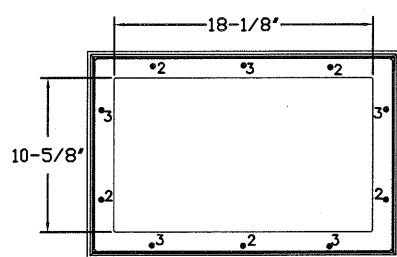
TOP SECTION



INTERMEDIATE SECTION

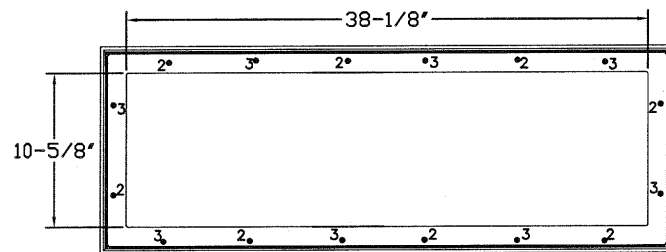


INTERMEDIATE SECTION



SHORT PANEL GLAZING FASTENER DETAIL

N.T.S.



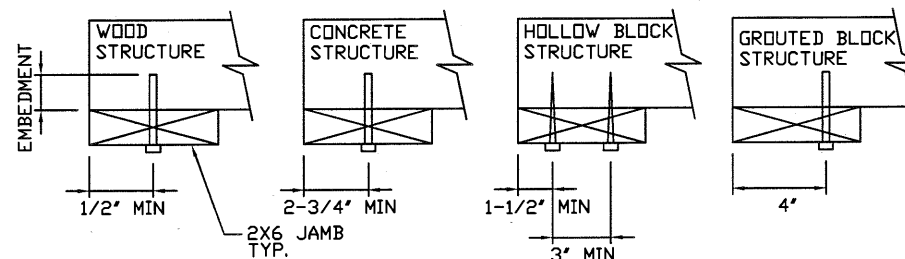
LONG PANEL GLAZING FASTENER DETAIL

N.T.S.

WOOD JAMB ATTACHMENT TO STRUCTURE

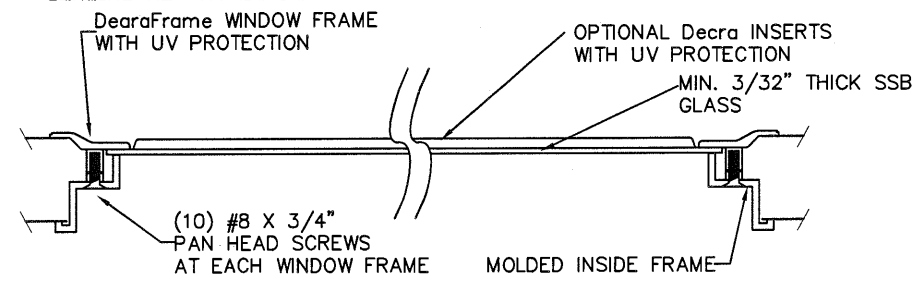
2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 24" O.C. (1 1/2" EMBEDMENT)
2 X 6 VERTICAL JAMB ATTACHMENT TO 2,000 PSI CONCRETE
HILTI KWIK BOLT 3/8" X 4" STARTING 6" FROM ENDS THEN 24" O.C. (2 1/2" EMBEDMENT)
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 24" O.C. (1 1/4" EMBEDMENT)
2 X 6 VERTICAL JAMB ATTACHMENT TO HOLLOW C-90 BLOCK
ITW/RAMSET REDHEAD (TRU-BOLT) 3/8" X 4" STARTING 6" FROM ENDS THEN 24" O.C. (2 1/2" EMBEDMENT)
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



GLAZING OPTION CROSS SECTION

GLAZING NOT AVAILABLE IN WIND-BORNE DEBRIS REGION



SECTION B-B

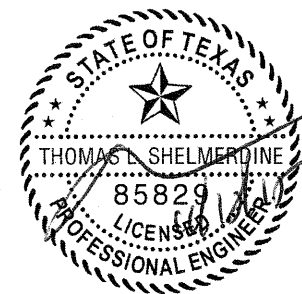
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SHEET 2 OF 3

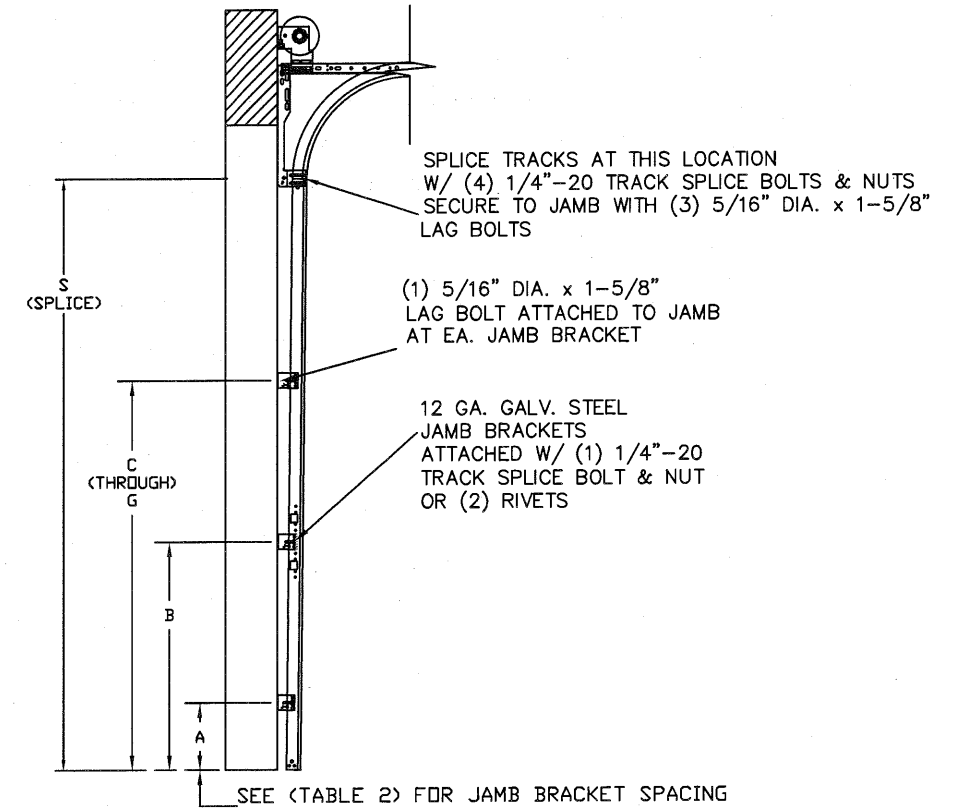
TABLE 1

DOOR HEIGHT	SECTION HEIGHTS							
	Btm	#2	#3	#4	#5	#6	#7	#8
14' 0"	21"	21"	21"	21"	21"	21"	21"	21"
13' 6"	21"	21"	21"	21"	21"	18"	18"	21"
13' 0"	21"	21"	21"	18"	18"	18"	18"	21"
12' 6"	21"	18"	18"	18"	18"	18"	18"	21"
12' 0"	21"	21"	21"	21"	21"	18"	21"	
11' 6"	21"	21"	21"	18"	18"	18"	21"	
11' 0"	21"	18"	18"	18"	18"	18"	21"	
10' 6"	21"	21"	21"	21"	21"	21"		
10' 0"	21"	21"	21"	18"	18"	21"		
9' 6"	21"	18"	18"	18"	18"	21"		
9' 0"	18"	18"	18"	18"	18"	18"		
8' 6"	21"	21"	21"	18"	21"			
8' 0"	21"	18"	18"	18"	21"			
7' 6"	18"	18"	18"	18"	18"			
7' 0"	21"	21"	21"	21"				
6' 6"	21"	18"	18"	21"				

TABLE 2

DOOR HEIGHT	TRACK ATTACHMENT							SPLICE
	A	B	C	D	E	F	G	
6' 6"	10"	38"	58"					70"
7'	10"	38"	58"					76"
7' 6"	4"	28"	52"	76"				82"
8'	10"	34"	58"	82"				88"
8' 6"	4"	28"	52"	76"				94"
9'	10"	34"	58"	82"				100"
9' 6"	4"	28"	52"	76"	100"			106"
10'	10"	34"	58"	82"	106"			112"
10' 6"	4"	28"	52"	76"	100"			118"
11'	10"	34"	58"	82"	106"			124"
11' 6"	4"	28"	52"	76"	100"	124"		130"
12'	10"	34"	58"	82"	106"	130"		136"
12' 6"	4"	28"	52"	76"	100"	124"		142"
13'	10"	34"	58"	82"	106"	130"		148"
13' 6"	4"	28"	52"	76"	100"	124"	148"	154"
14'	10"	34"	58"	82"	106"	130"	154"	160"

ALL TRACK ATTACHMENT SPACING +/-2' ALLOWED WITH SYP OR SPF NO. 2 OR BETTER ONLY



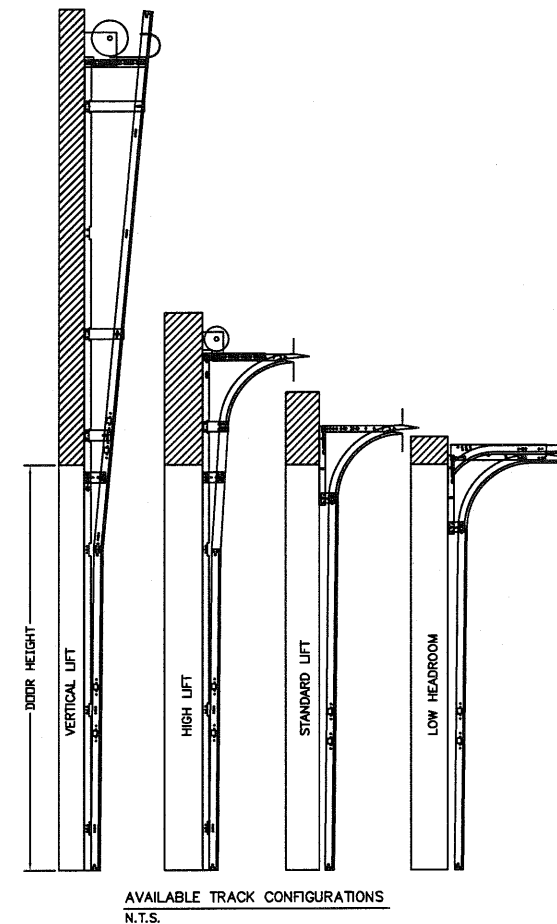
TRACK CONFIGURATION FOR 6'6" UP TO 14' TALL DOORS
N.T.S.

TABLE 3

Section Width (ft)	Panel Type	Center Stile Locations (Measured from Left Edge)		
		1st (in)	2nd (in)	3rd (in)
16'2	Short	50.272	97.000	143.728
16'2	Long	51.168	97.000	142.834
16'2	Oak Summit	48.750	97.000	145.250
16'4	Short	51.272	98.000	144.728
16'4	Long	52.168	98.000	143.834
16'4	Oak Summit	49.080	98.000	146.920
16'6	Short	52.272	99.000	145.728
16'6	Long	51.340	99.000	146.660
16'6	Oak Summit	49.420	99.000	148.590
16'8	Short	51.340	100.000	148.660
16'8	Long	52.200	100.000	147.800
16'8	Oak Summit	49.920	100.000	150.090
16'10	Short	51.500	101.000	150.500
16'10	Long	53.200	101.000	148.800
16'10	Oak Summit	50.150	101.000	151.590
17'0	Short	53.340	102.000	150.660
17'0	Long	54.200	102.000	149.800
17'0	Oak Summit	50.920	102.000	153.090
17'2	Short	53.000	103.000	153.000
17'2	Long	55.200	103.000	150.800
17'2	Oak Summit	51.420	103.000	154.590
17'4	Short	54.000	104.000	154.000
17'4	Long	56.200	104.000	151.800
17'4	Oak Summit	51.920	104.000	156.090
17'6	Short	55.000	105.000	155.000
17'6	Long	57.200	105.000	152.800
17'6	Oak Summit	52.420	105.000	157.590
17'8	Short	54.800	106.000	157.200
17'8	Long	55.800	106.000	156.200
17'8	Oak Summit	52.920	106.000	159.090
17'10	Short	55.800	107.000	158.200
17'10	Long	56.250	107.000	157.750
17'10	Oak Summit	53.420	107.000	160.590
18'0	Short	57.250	108.000	158.750
18'0	Long	57.800	108.000	158.200
18'0	Oak Summit	53.920	108.000	162.090

TABLE 4

Section Width (ft)	Panel Type	Max Pressure	
		Positive (PSF)	Negative (PSF)
16'2	Short	20.1	22.7
16'2	Long	20.1	22.7
16'2	Oak Summit	20.1	22.7
16'4	Short	19.9	22.5
16'4	Long	19.9	22.5
16'4	Oak Summit	19.9	22.5
16'6	Short	19.7	22.3
16'6	Long	19.7	22.3
16'6	Oak Summit	19.7	22.3
16'8	Short	19.5	22.1
16'8	Long	19.5	22.1
16'8	Oak Summit	19.5	22.0
16'10	Short	19.3	21.9
16'10	Long	19.3	21.9
16'10	Oak Summit	19.2	21.8
17'0	Short	19.1	21.7
17'0	Long	19.1	21.7
17'0	Oak Summit	19.1	21.6
17'2	Short	18.9	21.4
17'2	Long	18.9	21.4
17'2	Oak Summit	18.9	21.4
17'4	Short	18.8	21.2
17'4	Long	18.8	21.2
17'4	Oak Summit	18.7	21.2
17'6	Short	18.6	21.0
17'6	Long	18.6	21.0
17'6	Oak Summit	18.5	21.0
17'8	Short	18.4	20.8
17'8	Long	18.4	20.8
17'8	Oak Summit	18.4	20.8
17'10	Short	18.2	20.6
17'10	Long	18.2	20.6
17'10	Oak Summit	18.2	20.6
18'0	Short	18.2	20.6
18'0	Long	18.2	20.6
18'0	Oak Summit	18.2	20.6



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