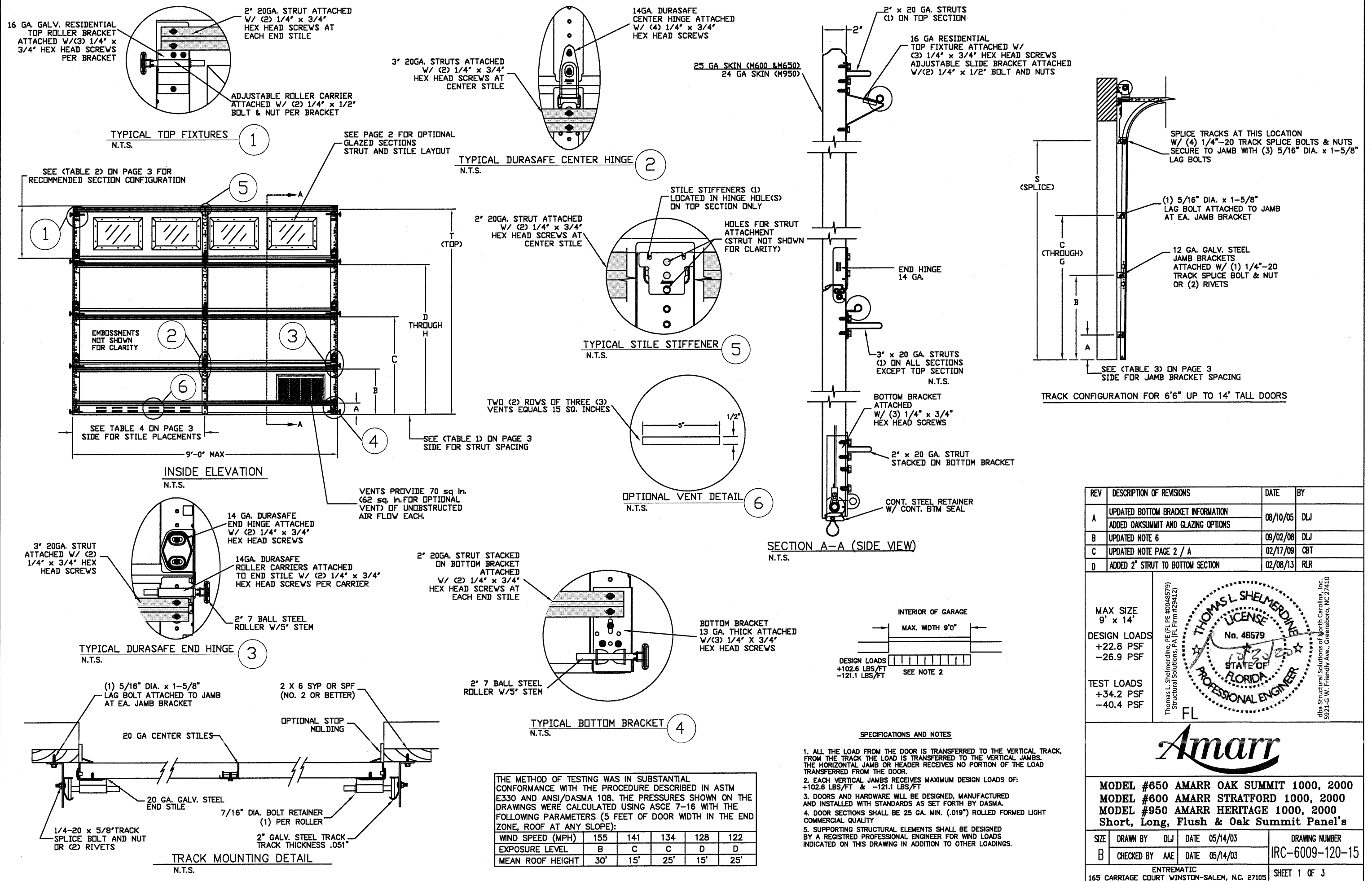
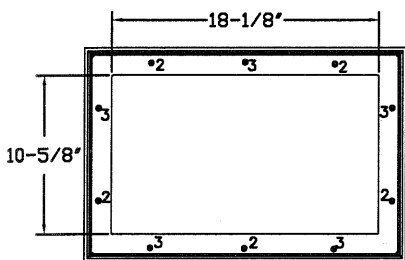
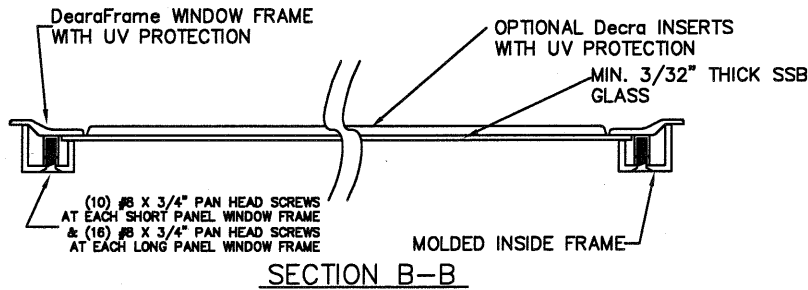


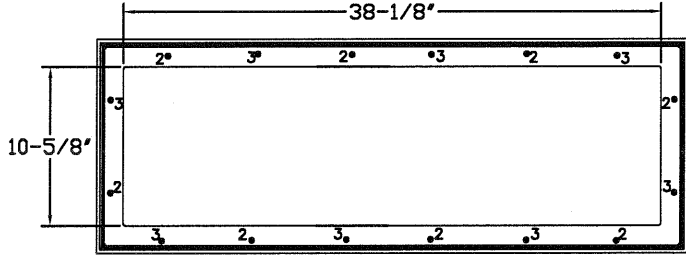


GLAZING OPTION CROSS SECTION

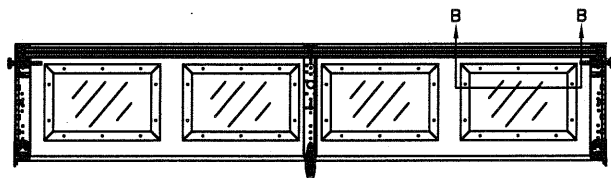
GLAZING NOT AVAILABLE IN WIND-BORNE DEBRIS REGION
GLAZING MEETS ASTM E1300-04



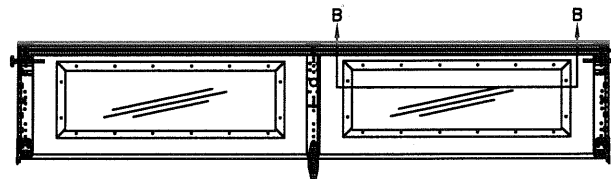
SHORT PANEL GLAZING FASTENER DETAIL
N.T.S.



LONG PANEL GLAZING FASTENER DETAIL
N.T.S.



OPTIONAL SHORT PANEL GLAZED SECTION STRUT AND STILE LAYOUT

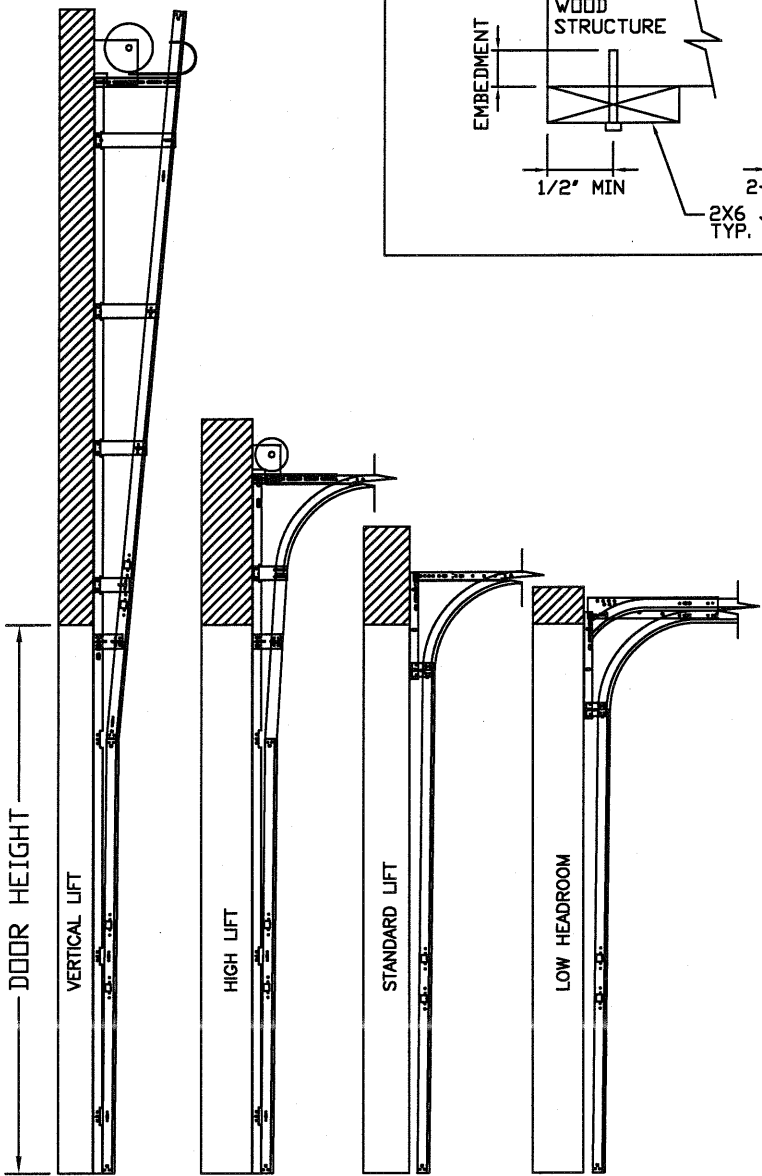
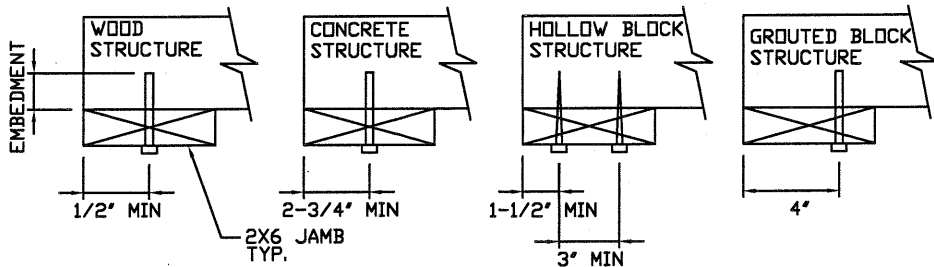


OPTIONAL LONG PANEL GLAZED SECTION STRUT AND STILE LAYOUT

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)
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 24" 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 24" 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
A	UPDATED BOTTOM BRACKET INFORMATION ADDED OAKSUMMIT AND GLAZING OPTIONS	08/10/05	DLJ
B	UPDATED NOTE 6	09/02/08	DLJ
C	UPDATED NOTE PAGE 2 / A	02/17/09	CBT
D	ADDED 2" STRUT TO BOTTOM SECTION	02/08/13	RLR

MAX SIZE 9' x 14'	Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (FL Firm #29412) FL
DESIGN LOADS +22.8 PSF -26.9 PSF	
TEST LOADS +34.2 PSF -40.4 PSF	

Amarr

MODEL #650 AMARR OAK SUMMIT 1000, 2000
MODEL #600 AMARR STRATFORD 1000, 2000
MODEL #950 AMARR HERITAGE 1000, 2000
Short, Long, Flush & Oak Summit Panel's

SIZE	DRAWN BY	DLJ	DATE	05/14/03	DRAWING NUMBER
B	CHECKED BY	AAE	DATE	05/14/03	IRC-6009-120-15

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

SHEET 2 OF 3

TABLE 1

DOOR HEIGHT	STRUT SPACING (BASED ON RECOMMENDED SECTION CONFIGURATION)								TOP
	A	B	C	D	E	F	G	H	T
6' 6"	4 1/2"	18 1/4"	36 1/4"	54 1/4"					76 1/2"
7'	4 1/2"	18 1/4"	39 1/4"	60 1/4"					82 1/2"
7' 6"	4 1/2"	15 1/4"	33 1/4"	51 1/4"	69 1/4"				88 1/2"
8'	4 1/2"	18 1/4"	36 1/4"	54 1/4"	72 1/4"				94 1/2"
8' 6"	4 1/2"	18 1/4"	39 1/4"	60 1/4"	78 1/4"				100 1/2"
9'	4 1/2"	15 1/4"	33 1/4"	51 1/4"	69 1/4"	87 1/4"			106 1/2"
9' 6"	4 1/2"	18 1/4"	36 1/4"	54 1/4"	72 1/4"	90 1/4"			112 1/2"
10'	4 1/2"	18 1/4"	39 1/4"	60 1/4"	78 1/4"	96 1/4"			118 1/2"
10' 6"	4 1/2"	18 1/4"	39 1/4"	60 1/4"	81 1/4"	102 1/4"			124 1/2"
11'	4 1/2"	18 1/4"	36 1/4"	54 1/4"	72 1/4"	90 1/4"	108 1/4"		130 1/2"
11' 6"	4 1/2"	18 1/4"	39 1/4"	60 1/4"	78 1/4"	96 1/4"	114 1/4"		136 1/2"
12'	4 1/2"	18 1/4"	39 1/4"	60 1/4"	81 1/4"	102 1/4"	120 1/4"		142 1/2"
12' 6"	4 1/2"	18 1/4"	36 1/4"	54 1/4"	72 1/4"	90 1/4"	108 1/4"	126 1/4"	148 1/2"
13'	4 1/2"	18 1/4"	39 1/4"	60 1/4"	78 1/4"	96 1/4"	114 1/4"	132 1/4"	154 1/2"
13' 6"	4 1/2"	18 1/4"	39 1/4"	60 1/4"	81 1/4"	102 1/4"	120 1/4"	138 1/4"	160 1/2"
14'	4 1/2"	18 1/4"	39 1/4"	60 1/4"	81 1/4"	102 1/4"	123 1/4"	144 1/4"	166 1/2"

TABLE 3

DOOR HEIGHT	TRACK ATTACHMENT							SPLICE
	A	B	C	D	E	F	G	S
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

TABLE 2

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 4

Section Width (ft)	Panel Type	Center Stile Location (Measured from Left Edge)	Max Design Loads Allowed	
			Positive (PSF)	Negative (PSF)
8' 0	Short, Oak Summit	48.000	25.5	30.1
8' 0	Long	48.000	25.5	30.1
8' 2	Short, Oak Summit	49.000	25.0	29.5
8' 2	Long	49.000	25.0	29.5
8' 4	Short, Oak Summit	50.000	24.5	28.9
8' 4	Long	50.000	24.5	28.9
8' 6	Short, Oak Summit	51.000	24.0	28.3
8' 6	Long	51.000	24.0	28.3
8' 8	Short, Oak Summit	52.000	23.6	27.8
8' 8	Long	52.000	23.6	27.8
8' 10	Short, Oak Summit	53.000	23.1	27.3
8' 10	Long	53.000	23.1	27.3
9' 0	Short, Oak Summit	54.000	22.8	26.9
9' 0	Long	54.000	22.8	26.9

REV	DESCRIPTION OF REVISIONS	DATE	BY
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Amarr MODEL #650 AMARR OAK SUMMIT 1000, 2000 MODEL #600 AMARR STRATFORD 1000, 2000 MODEL #950 AMARR HERITAGE 1000, 2000 Short, Long, Flush & Oak Summit Panel's			
SIZE	DRAWN BY DLJ	DATE 05/14/03	DRAWING NUMBER
B	CHECKED BY AAE	DATE 05/14/03	IRC-6009-120-15
ENTREMATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105			SHEET 3 OF 3