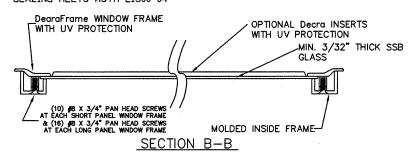
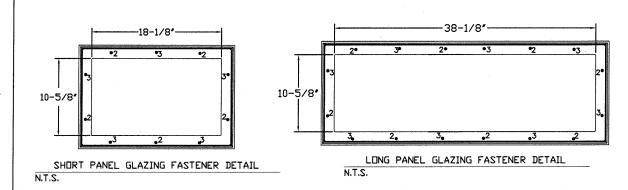
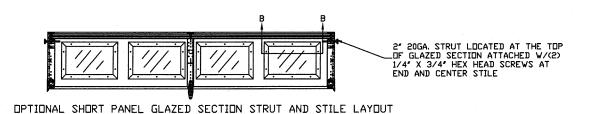


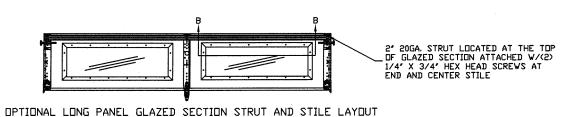
GLAZING OPTION CROSS SECTION

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









WOOD JAMB ATTACHMENT TO STRUCTURE

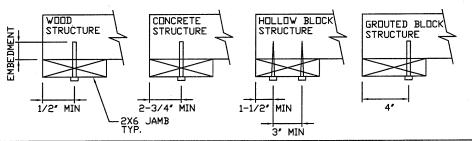
2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16' X 3' LAG SCREWS STARTING 6' FROM ENDS THEN 24' D.C. (1 1/2" EMBEDMENT)
2 X 6 VERTICAL JAMB ATTACHMENT TO 2,000 PSI CONCRETE
HILTI KWIK BOLT 3/8' X 4" STARTING 6' FROM ENDS THEN 24" D.C. (2 1/2" EMBEDMENT)
HILTI SLEEVE ANCHOR 3/8' X 2-3/4" STARTING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

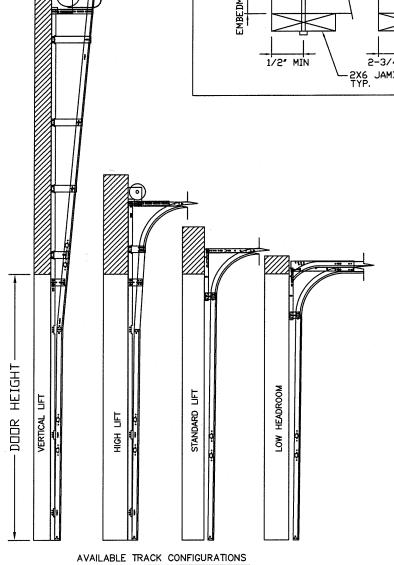
2 X 6 VERTICAL JAMB ATTACHMENT TO GROUTED C-90 BLOCK (2000 PSI GROUT)

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' D.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





REV	DESCRIPTION OF REVISIONS	DATE	BY
A	UPDATED BOTTOM BRACKET INFORMATION	08/10/05	DLJ
^	ADDED OAKSUMMIT AND GLAZING OPTIONS	00/10/03	DLO
В	UPDATED NOTE 6	09/02/08	DLJ
С	UPDATED NOTE PAGE 2 / A	02/17/09	CBT
D	TABLE 4, NOTE 7.	05/19/09	CBT
E	WIND SPEED TABLE & TRACK CONFIGURATIONS	04/04/12	RLR
F	ADDED 2" STRUT TO BOTTOM SECTION	02/08/13	RLR



dba Structural 5921-G W. Frier

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

MODEL #650 OAK SUMMIT w/DuraSafe MODEL #600 STRATFORD w/DuraSafe MODEL #950 HERITAGE w/DuraSafe Short, Long, Flush & Oak Summit Panel's

SIZE	DRAWN BY	DLJ	DATE	05/14/03	DRAWING NUMBER
В	CHECKED BY	AAE	DATE	05/14/03	IRC-6009-120-15
					 SHFFT 2 OF 3

TABLE 1

	•									
	STF	STRUT SPACING (BASED ON RECOMMENDED SECTION								
DOOR		CONFIGURATION)								
HEIGHT	Α	В	С	D	E	F	G	Н	Т	
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 2

DOOR SECTION HEIGHTS HEIGHT Btm #2 #3 #4 #5 #6 #7 #8 14' 0" 21" 21" 21" 21" 21" 21" 21" 21" 21" 21" 21" 21" 21" 21" 21" 21" 21" 21" 21" 18" 18" 18" 18" 18" 21"										
14' 0" 21" <t< td=""><td>Γ</td><td>DOOR</td><td></td><td></td><td>SEC</td><td>TION</td><td>HEIG</td><td>HTS</td><td></td><td></td></t<>	Γ	DOOR			SEC	TION	HEIG	HTS		
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13' 0" 21" 21" 21" 18" 18" 18" 18" 21" 12' 6" 21" 18" 18" 18" 18" 18" 21" 12' 0" 21" 21" 21" 21" 21" 18" 18" 21" 11' 6" 21" 21" 21" 18" 18" 18" 21" 11' 0" 21" 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" 18" 9' 0" 18" 18" 18" 18" 18" 18" 8' 6" 21" 21" 21" 18" 21" 7' 6" 18" 18" 18" 18" 18" 7' 0" 21" 21" 21" 21"	Γ	14' 0"	21"	21"	21"	21"	21"	21"	21"	21"
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7' 6" 18" 18" 18" 18" 18" 7' 0" 21" 21" 21" 21"	ľ	8' 6"	21"	21"	21"	18"	21"			***************************************
7' 0" 21" 21" 21"	Γ	8' 0"	21"	18"	18"	18"	21"			
	Γ	7' 6"	18"	18"	18"	18"	18"			
6' 6" 21" 18" 18" 21"		7' 0"	21"	21"	21"	21"				
		6' 6"	21"	18"	18"	21"				

TABLE 3

DOOR		TRACK ATTACHMENT							
HEIGHT	Α	В	С	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"	

TABLE 4

Section	Danel Type	Center Stile Location	Max Design Loads Allowed		
Width (ft)	Panel Type	(Measured from Left Edge)	Positive (PSF)	Negitive (PSF)	
8' 0	Chart Oak Curanait	40,000			
	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	

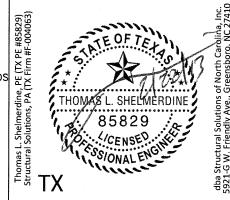
MAX 97 X 14'
DESIGN LOADS + 22.8 PSF - 26.9 PSF - 26.9 PSF + 34.2 PSF + 34.2 PSF - 40.4 PSF |

BST LOADS + 34.2 PSF |

BST LOADS + 34.2 PSF |

BST LOADS + 434.2 PSF |

BST





165 CARRIAGE COURT VINSTON-SALEM, N.C. 27105

MODEL #650 OAK SUMMIT w/DuraSafe MODEL #600 STRATFORD w/DuraSafe MODEL #950 HERITAGE w/DuraSafe Short, Long, Flush & Oak Summit Panel's

SIZE	DRAWN BY	DLJ	DATE	05/14/03	DRAWING NUMBER
В	CHECKED BY	AAE	DATE	05/14/03	IRC-6009-120-15
					SHEET 3 OF 3

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