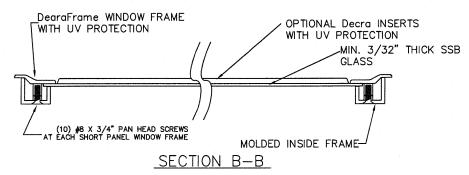
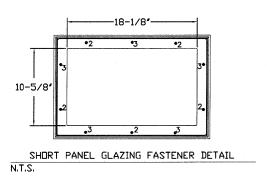
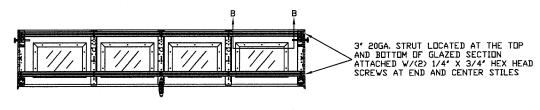


## GLAZING OPTION CROSS SECTION

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





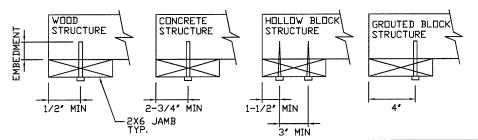


OPTIONAL SHORT PANEL GLAZED SECTION STRUT AND STILE LAYOUT

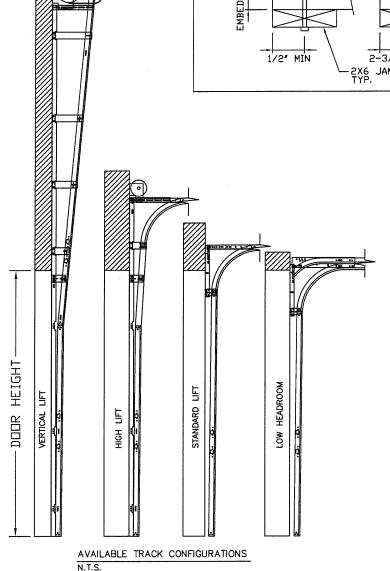
## WOOD JAMB ATTACHMENT TO STRUCTURE

2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16' X 3' LAG SCREWS STARTING 6' FROM ENDS THEN 24' 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 20' 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 16' 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 16' D.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' 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



A	UPDATED BOTT	OM BRACK	(et information	08/15/05	DLJ	
Α.	ADDED OAKSUM	AMIT AND	glazing options	00/10/00	DLO	
В	UPDATED NOTE	6		09/02/08	DLJ	
С	REMOVED TABL	E 4, NOTE	7.	05/19/09	CBT	
D	VENTS, WIND S	PEED TAB	LE, TRACK CONFIGURATIONS	04/05/12	RLR	
Ε	ADDED TWO CE	NTER STIL	ES	04/11/13	RLR	
9' +4 -5 TEST +6	X SIZE x 14' GN LOADS 5.3 PSF 1.2 PSF LOADS 8.0 PSF 6.5 PSF	Thomas L. Shelmerdine, PE (TX PE #85829) Structural Solutions, PA (TX Firm #F-004063)	THOMAS L. SH	TELMER 29 SED LENGTH	:	dba Structural Solutions of North Carolina, Inc. 5921-G W. Friendly Ave., Greensboro, NC 27410

DATE



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	05/16/03	DRAWING NUMBER
В	CHECKED BY	AAE	DATE	05/16/03	IRC-6009-169-15
					SHFFT 2 OF 3

TABLE 1

DOOR		····	STRUT	SPA	CING (B	ASE	ON RE	COM	MENDE	D SE	CTION CO	ONFIC	SURATION	<u>V)</u>	an earn ann an a	TOP
HEIGHT	Α	В	С	D	E	F	G	Н	I	J	K	L	M	N	0	T
6' 6"	5 1/2"	18"	25 3/8"	36"	43 3/8"	54"	61 3/8"									76 1/4"
7'	5 1/2"	18"	25 3/8"	39"	46 3/8"	60"	67 3/8"									82 1/4"
7' 6"	5 1/2"	15"	22 3/8"	33"	40 3/8"	51"	58 3/8"	69"	76 3/8"							88 1/4"
8'	5 1/2"	18"	25 3/8"	36"	43 3/8"	54"	61 3/8"	72"	79 3/8"							94 1/4"
8' 6"	5 1/2"	18"	25 3/8"	39"	46 3/8"	60"	67 3/8"	78"	85 3/8"		·					100 1/4"
9'	5 1/2"	15"	22 3/8"	33"	40 3/8"	51"	58 3/8"	69"	76 3/8"	87"	94 3/8"					106 1/4"
9' 6"	5 1/2"	18"	25 3/8"	36"	43 3/8"	54"	61 3/8"	72"	79 3/8"	90"	97 3/8"					112 1/4"
10'	5 1/2"	18"	25 3/8"	39"	46 3/8"	60"	67 3/8"	78"	85 3/8"	96"	103 3/8"					118 1/4'
10' 6"	5 1/2"	18"	25 3/8"	39"	46 3/8"	60''	67 3/8"	81"	88 3/8"	102"	109 3/8"					124 1/4"
11'	5 1/2"	18"	25 3/8"	36"	43 3/8"	54"	61 3/8"	72"	79 3/8"	90"	97 3/8"	108"	115 3/8"			130 1/4"
11' 6"	5 1/2"	18"	25 3/8"	39"	46 3/8"	60''	67 3/8"	78"	85 3/8"	96"	103 3/8"	114"	121 3/8"			136 1/4"
12'	5 1/2"	18"	25 3/8"	39"	46 3/8"	60"	67 3/8"	81"	88 3/8"	102"	109 3/8"	120"	127 3/8"			142 1/4"
12'6"	5 1/2"	18"	25 3/8"	36"	43 3/8"	54"	61 3/8"	72"	79 3/8"	90"	97 3/8"	108"	115 3/8"	126"	133 3/8"	148 1/4"
13'	5 1/2"	18"	25 3/8"	39"	46 3/8"	60"	67 3/8"	78"	85 3/8"	96''	103 3/8"	114"	121 3/8"	132"	139 3/8"	154 1/4"
13' 6"	5 1/2"	18"	25 3/8"	39"	46 3/8"	60"	67 3/8"	81"	88 3/8"	102"	109 3/8"	120"	127 3/8"	138"	145 3/8"	160 1/4'
14'	5 1/2"	18"	25 3/8"	39"	46 3/8"	60''	67 3/8"	81"	88 3/8"	102"	109 3/8"	123"	130 3/8"	144"	151 3/8"	166 1/4"

## TABLE 2

DOOR		SECTION HEIGHTS									
HEIGHT	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"	34.34.34.34.34.34.34.34.34.3			
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 3

1	DOOR	-	TRACK ATTACHMENT										SPLICE
L	HEIGHT	Α	В	С	D	Е	F	G	Н	I	J	K	S
	6' 6"	3.5"	21"	37"	47"	63"							70"
	7'	3.5"	21"	37"	47"	63"							76"
	7' 6"	3.5"	18"	37"	47"	63"	73"						82"
	8'	3.5"	21"	37"	47"	63"	73"						88"
	8' 6"	3.5"	21"	37"	47"	63"	73"						94"
	9'	3.5"	18"	37"	47"	63"	73"	89"					100"
	9' 6"	3.5"	21"	37"	47"	63"	73"	89"					106"
	10'	3.5"	21"	37"	47"	63"	73"	89"	99"				112"
	10' 6"	3.5"	21"	37"	47"	63"	73"	89"	99"				118"
	11'	3.5"	21"	37"	47"	63"	73"	89"	99"	115"			124"
	11' 6"	3.5"	21"	37"	47"	63"	73"	89"	99"	115"			130"
	12'	3.5"	21"	37"	47"	63"	73"	89"	99"	115"	125"		136"
	12'6"	3.5"	21"	37"	47"	63"	73"	89"	99"	115"	125"		142"
	13'	3.5"	21"	37"	47"	63"	73"	89"	99"	115"	125"		148"
	13' 6"	3.5"	21"	37"	47"	63"	73"	89"	99"	115"	125"	141"	154"
	14'	3.5"	21"	37"	47"	63"	73"	89"	99"	115"	125"	141"	160"

TABLE 4

Section Width (ft)	Panel Type	Center Stile Location (Measured from Left Edge)						
8' 0	Short, Oak Summit	*22.75	48.000	*73.25				
8' 0	Long	*22.75	48.000	*73.25				
8' 2	Short, Oak Summit	*23.75	49.000	*74.25				
8' 2	Long	*23.75	49.000	*74.25				
8' 4	Short, Oak Summit	*24.75	50.000	*75.25				
8' 4	Long	*24.75	50.000	*75.25				
8' 6	Short, Oak Summit	*25.75	51.000	*76.25				
8' 6	Long	*25.75	51.000	*76.25				
8' 8	Short, Oak Summit	*26.75	52.000	*77.25				
8' 8	Long	*26.75	52.000	*77.25				
8' 10	Short, Oak Summit	*27.75	53.000	*78.25				
8' 10	Long	*27.75	53.000	*78.25				
9' 0	Short, Oak Summit	*28.75	*28.75 54.000					
9' 0 Long		*28.75	54.000	*79.25				
* Stiles of	Stiles do not need to be hinged							

## TABLE 5

Section		Max Design Loads				
Section	Panel Type	Allowed				
Width	ranei Type	Positive	Negitive			
(ft)		(PSF)	(PSF)			
8' 0	Short, Oak Summit	50.7	57.3			
8' 0	Long	50.7	57.3			
8' 2	Short, Oak Summit	49.7	56.1			
8' 2	Long	49.7	56.1			
8' 4	Short, Oak Summit	48.7	55.0			
8' 4	Long	48.7	55.0			
8' 6	Short, Oak Summit	47.7	53.9			
8' 6	Long	47.7	53.9			
8' 8	Short, Oak Summit	46.8	52.9			
8' 8	Long	46.8	52.9			
8' 10	Short, Oak Summit	45.9	51.9			
8' 10	Long	45.9	51.9			
9, 0	Short, Oak Summit	45.3	51.2			
9' 0	Long	45.3	51.2			

REV	DESCRIPTION OF REVISIONS	DATE	BY
A	UPDATED BOTTOM BRACKET INFORMATION	08/15/05	DLJ
	ADDED OAKSUMMIT AND GLAZING OPTIONS	00/15/05	DEO
В	UPDATED NOTE 6	09/02/08	DLJ
С	REMOVED TABLE 4, NOTE 7.	05/19/09	CBT
D	VENTS, WIND SPEED TABLE, TRACK CONFIGURATIONS	04/05/12	RLR
Ε	ADDED TWO CENTER STILES	04/11/13	RLR

MAX SIZE 9' x 14' DESIGN LOADS +45.3 PSF -51.2 PSF TEST LOADS +68.0 PSF -76.5 PSF





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	05/16/03	DRAWING NUMBER
В	CHECKED BY	AAE	DATE	05/16/03	IRC-6009-169-15
					SHEET 3 OF 3

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