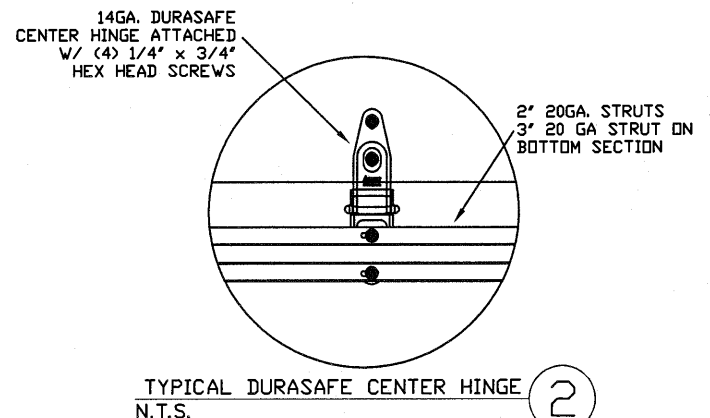
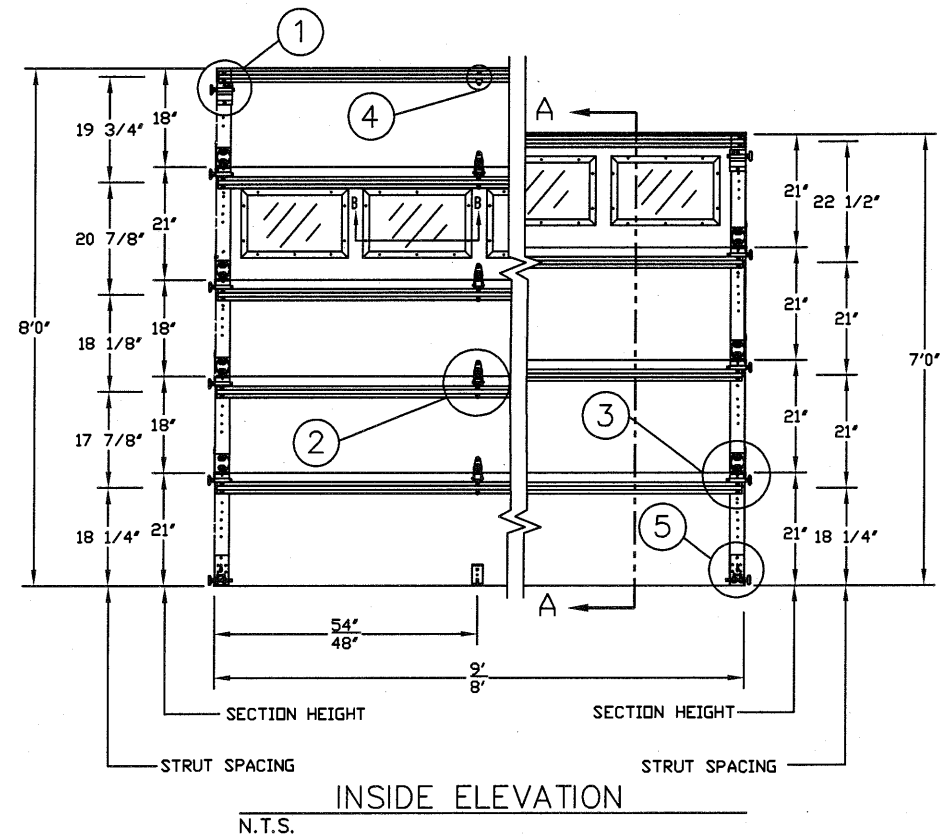


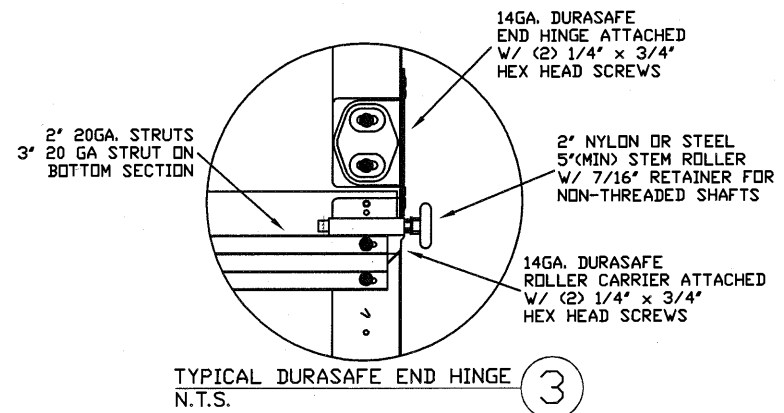
TYPICAL TOP FIXTURE
N.T.S. ①



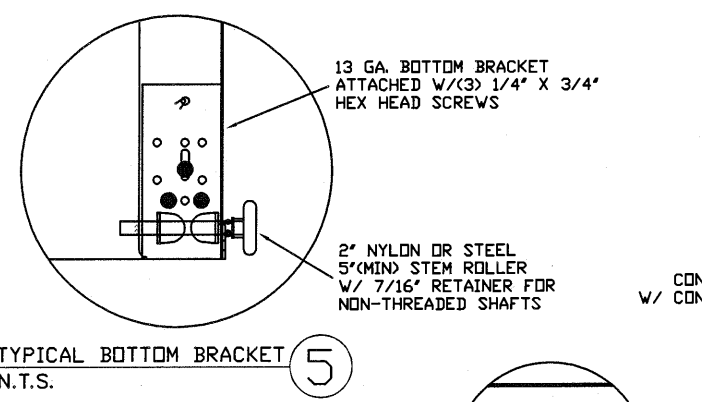
TYPICAL DURASAFE CENTER HINGE
N.T.S. ②



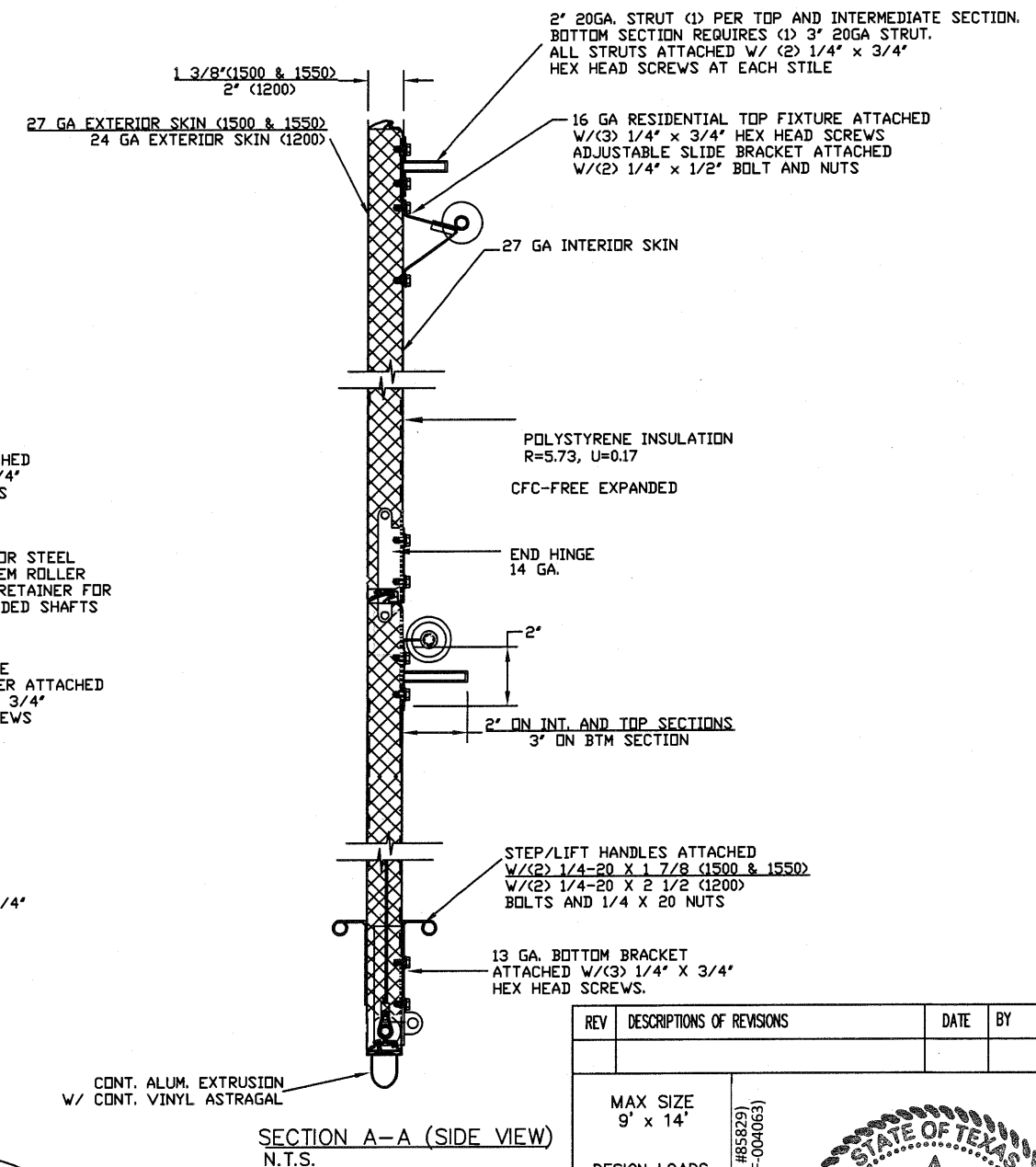
INSIDE ELEVATION
N.T.S.



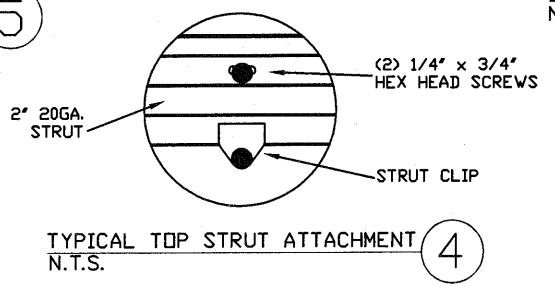
TYPICAL DURASAFE END HINGE
N.T.S. ③



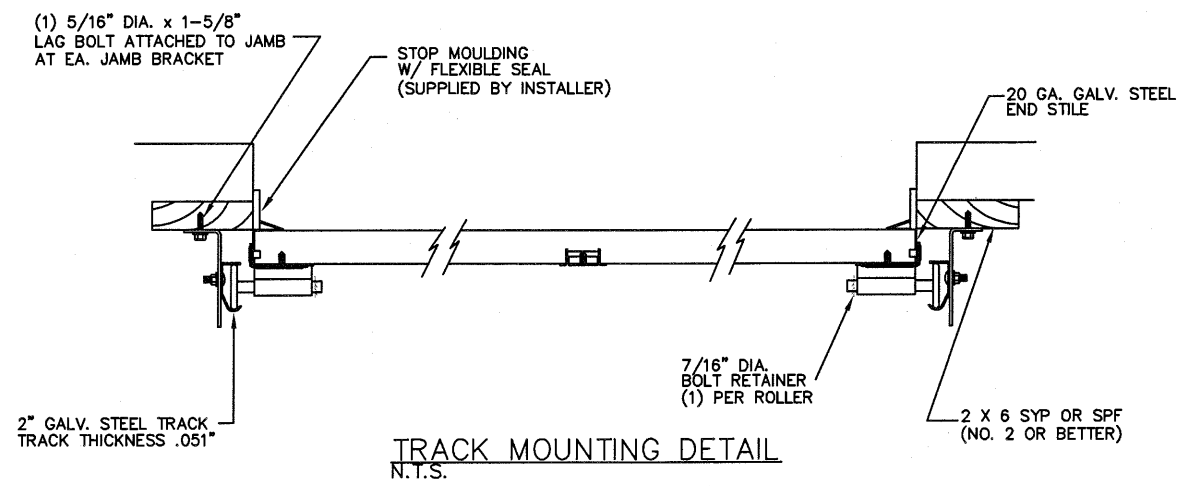
TYPICAL BOTTOM BRACKET
N.T.S. ⑤



SECTION A-A (SIDE VIEW)
N.T.S.



TYPICAL TOP STRUT ATTACHMENT
N.T.S. ④



TRACK MOUNTING DETAIL
N.T.S.

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 (3 FEET OF DOOR WIDTH IN THE END ZONE, ROOF AT ANY SLOPE):

WIND SPEED (MPH)	130	118	112	107	103
EXPOSURE LEVEL	B	C	C	D	D
MEAN ROOF HEIGHT	30'	15'	25'	15'	25'

REV	DESCRIPTIONS OF REVISIONS	DATE	BY

MAX SIZE
9' x 14'

DESIGN LOADS
+26.7 PSF
-30.7 PSF

TEST LOADS
+40.1 PSF
-46.1 PSF

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

STATE OF TEXAS
THOMAS L. SHELMERDINE
85829
REGISTERED PROFESSIONAL ENGINEER
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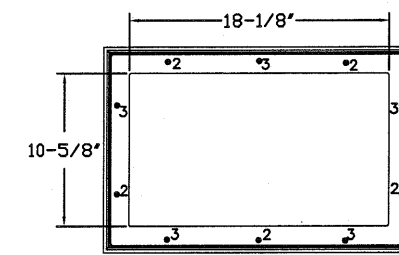
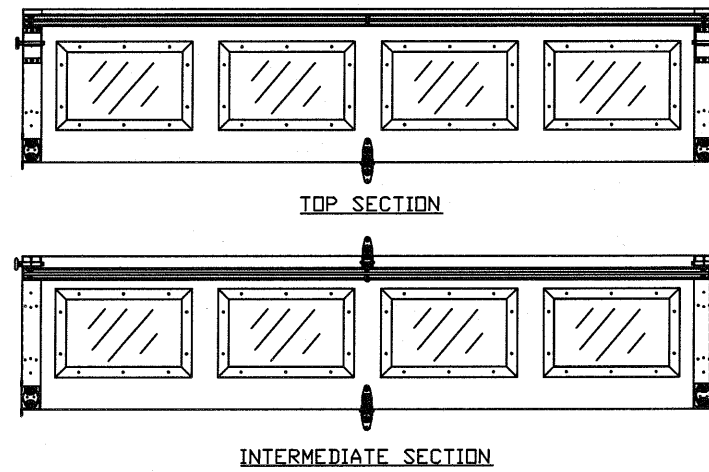
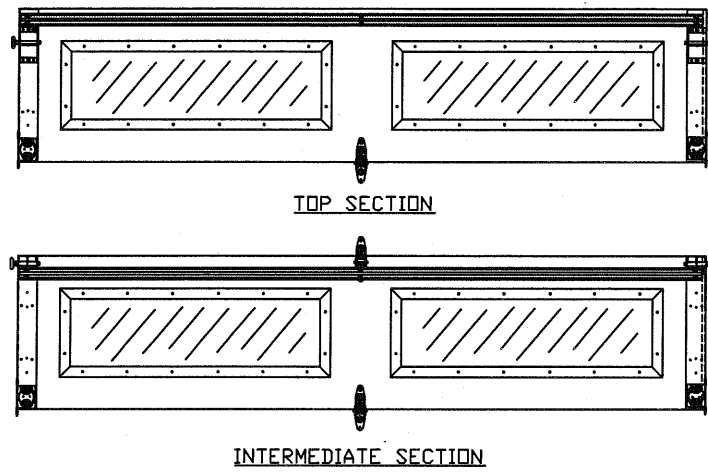
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MODEL #1200 HERITAGE 3000
MODEL #1550 OAK SUMMIT 3000
SHORT, LONG, FLUSH & OAK SUMMIT PANELS

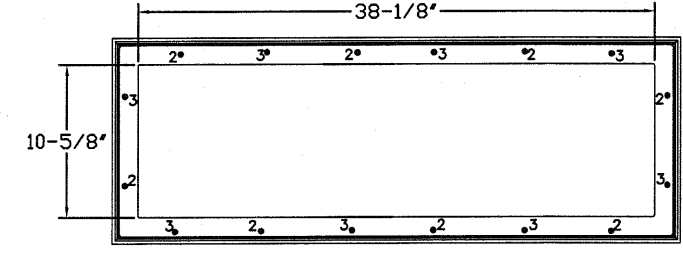
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B	CHECKED BY		DATE		IRC-1509-130-15

SHEET 1 OF 3

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



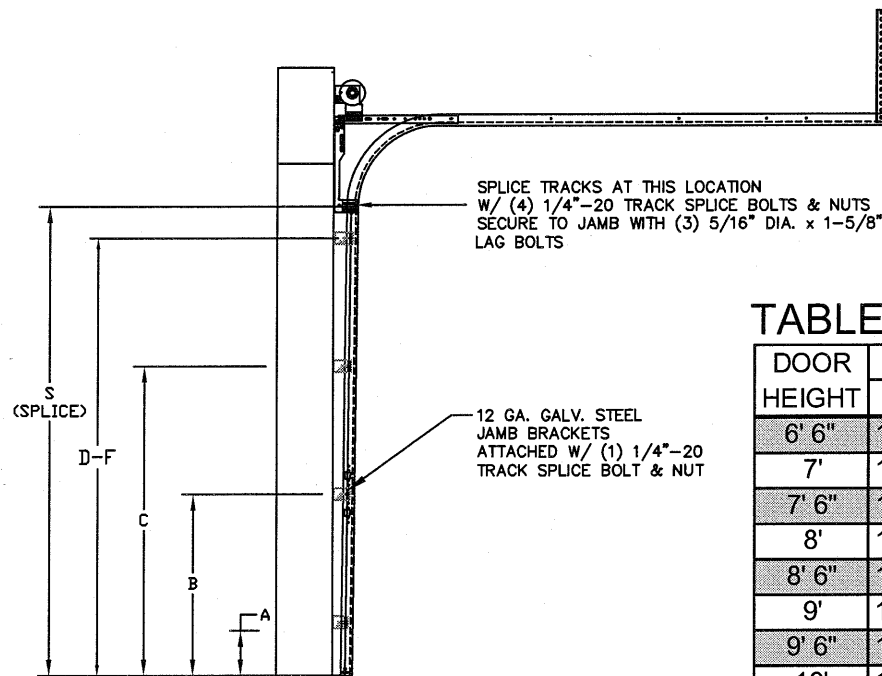
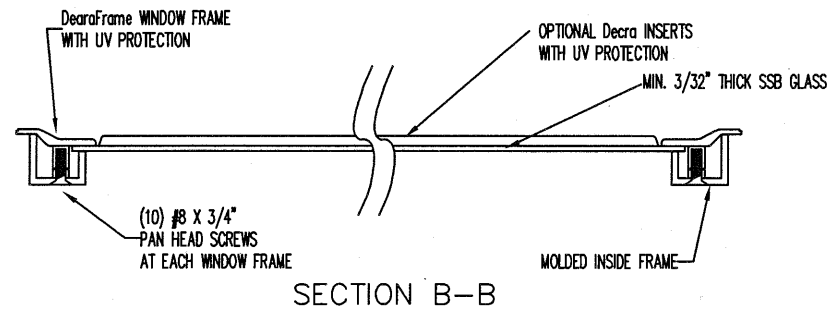
SHORT PANEL GLAZING FASTENER DETAIL
N.T.S.



LONG PANEL GLAZING FASTENER DETAIL
N.T.S.

GLAZING OPTION CROSS SECTION

GLAZING NOT AVAILABLE IN WIND-BORNE DEBRIS REGION



TRACK CONFIGURATION FOR 6'6" UP TO 14' TALL DOORS (SEE TABLE 2)
N.T.S.

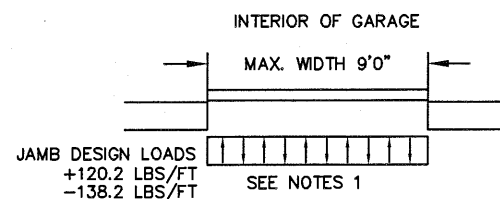
TABLE 2

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

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

SPECIFICATIONS AND NOTES

- DOORS AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
- DOOR SECTIONS SHALL BE 27 GA. MIN. (.016") INTERIOR AND EXTERIOR ROLLED FORMED LIGHT COMMERCIAL QUALITY
- DOORS UP TO 7'0" HIGH CONSIST OF (4) SECTIONS AS SHOWN.
- DOORS UP TO 8'0" HIGH CONSIST OF (5) SECTIONS AS SHOWN.
- SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.



REV	DESCRIPTIONS OF REVISIONS	DATE	BY

MAX SIZE 9' x 14'

DESIGN LOADS
+26.7 PSF
-30.7 PSF

TEST LOADS
+40.1 PSF
-46.1 PSF

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

TX

STATE OF TEXAS
THOMAS L. SHELMERDINE
PE
063829

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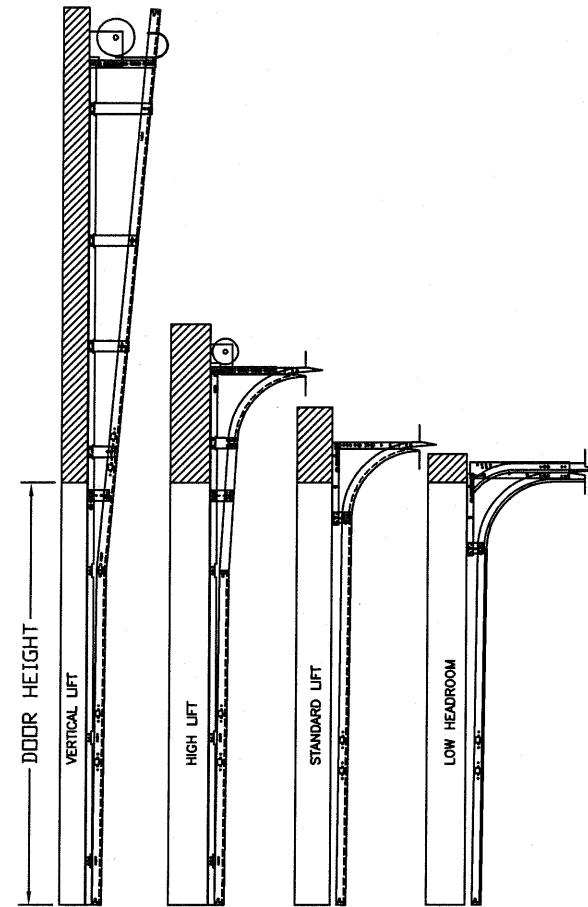
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SHORT, LONG, FLUSH & OAK SUMMIT PANELS

SIZE	DRAWN BY	RLR	DATE	06/22/12	DRAWING NUMBER
B	CHECKED BY		DATE		IRC-1509-130-15

SHEET 2 OF 3

TABLE 1

Section	Panel Type	Center Stile Location (Measured from Left Edge)		Max Design Loads Allowed	
		1st (in)	2nd (in)	Positive (PSF)	Negative (PSF)
6'0	Short	24.406	47.594	40.0	46.0
6'0	Oak Summit	24.644	47.357	40.0	46.0
7'0	Short	29.200	54.800	34.3	39.4
7'0	Oak Summit	29.144	54.857	34.3	39.4
7'2	Short	30.200	55.800	33.5	38.5
7'2	Oak Summit	29.894	56.107	33.5	38.5
7'4	Short	31.200	56.800	32.7	37.6
7'4	Oak Summit	30.644	57.357	32.7	37.6
7'6	Short	32.200	57.800	32.0	36.8
7'6	Long	45.000		32.0	36.8
7'6	Oak Summit	45.000		32.0	36.8
7'8	Short	32.200	60.000	31.3	36.0
7'8	Long	46.000		31.3	36.0
7'8	Oak Summit	46.000		31.3	36.0
7'10	Short	33.000	61.000	30.6	35.2
7'10	Long	47.000		30.6	35.2
7'10	Oak Summit	47.000		30.6	35.2
8'0	Short	48.000		30.0	34.5
8'0	Long	48.000		30.0	34.5
8'0	Oak Summit	48.000		30.0	34.5
8'2	Short	49.000		29.4	33.8
8'2	Long	49.000		29.4	33.8
8'2	Oak Summit	49.000		29.4	33.8
8'4	Short	50.000		28.8	33.1
8'4	Long	50.000		28.8	33.1
8'4	Oak Summit	50.000		28.8	33.1
8'6	Short	51.000		28.2	32.5
8'6	Long	51.000		28.2	32.5
8'6	Oak Summit	51.000		28.2	32.5
8'8	Short	52.000		27.7	31.8
8'8	Long	52.000		27.7	31.8
8'8	Oak Summit	52.000		27.7	31.8
8'10	Short	53.000		27.2	31.2
8'10	Long	53.000		27.2	31.2
8'10	Oak Summit	53.000		27.2	31.2
9'0	Short	54.000		26.7	30.7
9'0	Long	54.000		26.7	30.7
9'0	Oak Summit	54.000		26.7	30.7



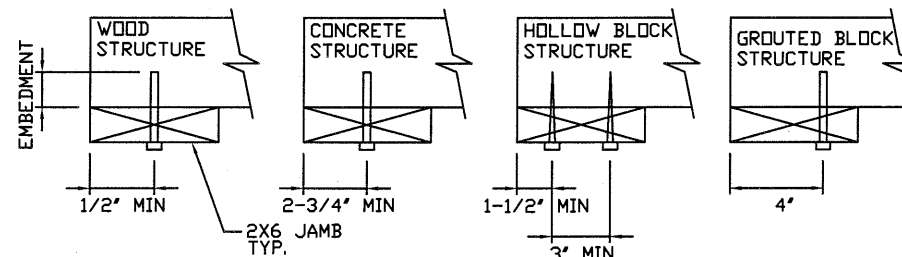
AVAILABLE TRACK CONFIGURATIONS
N.T.S.

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)
 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



REV	DESCRIPTIONS OF REVISIONS	DATE	BY

MAX SIZE 9' x 14'		Thomas L. Shelmerdine, PE (TX PE #85829) Structural Solutions, PA (TX Firm #F-004063)
DESIGN LOADS +26.7 PSF -30.7 PSF		
TEST LOADS +40.1 PSF -46.1 PSF		

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

SIZE B	DRAWN BY RLR	DATE 06/22/12	DRAWING NUMBER IRC-1509-130-15
CHECKED BY	DATE	SHEET 3 OF 3	

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