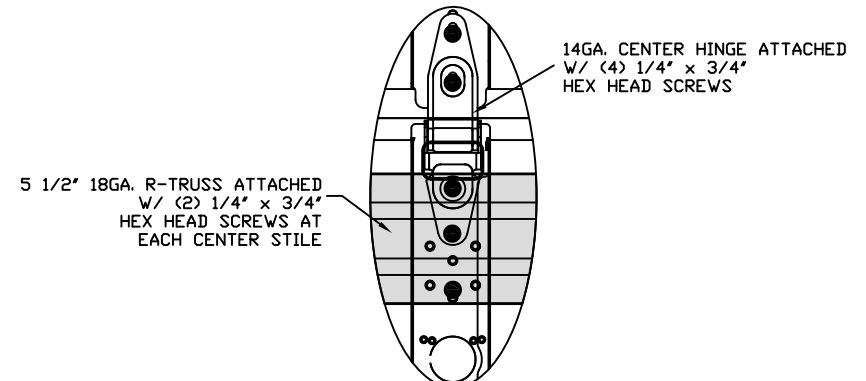
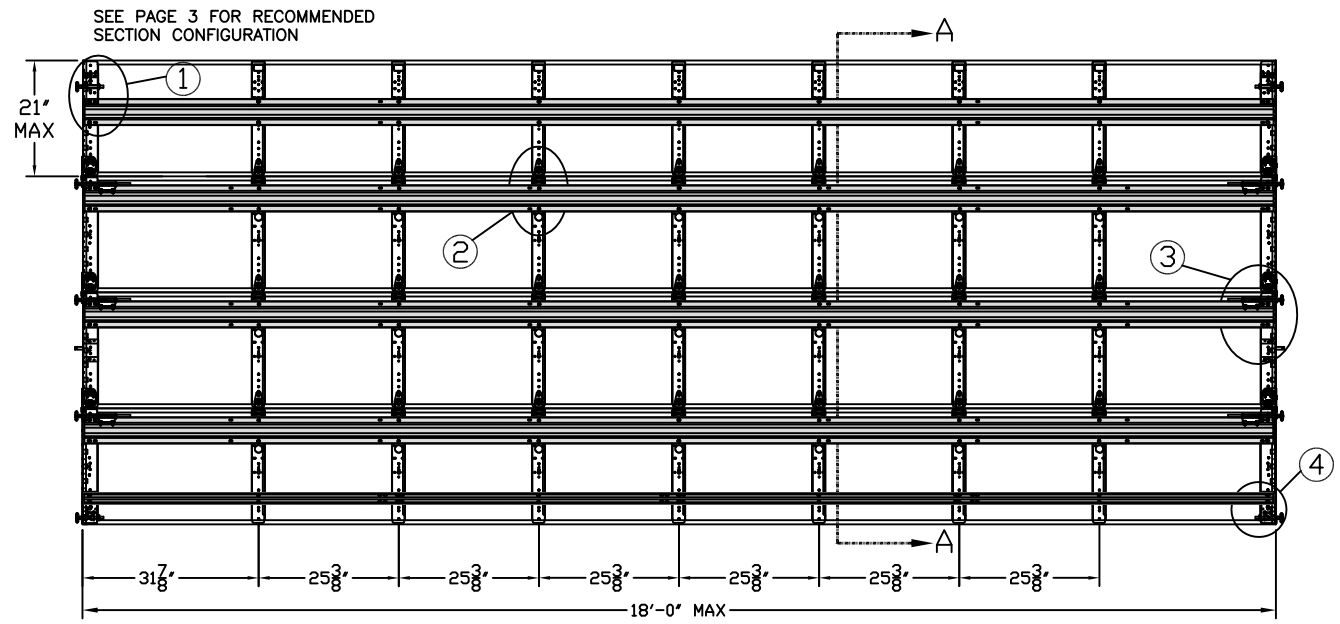


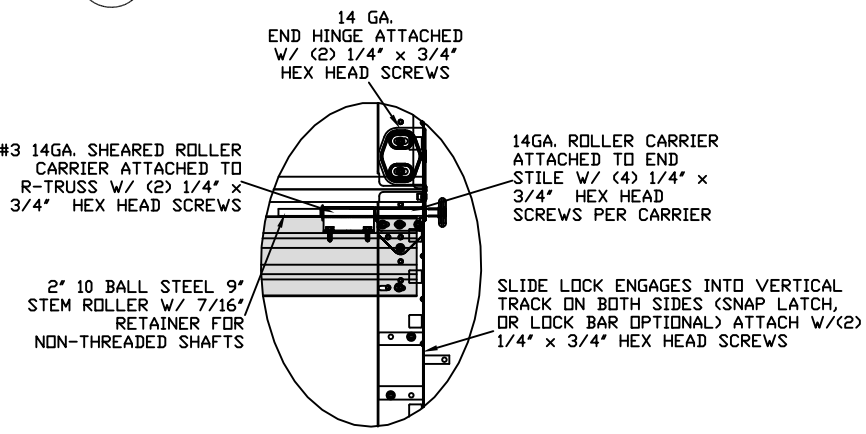
TYPICAL TOP FIXTURES
N.T.S. ①



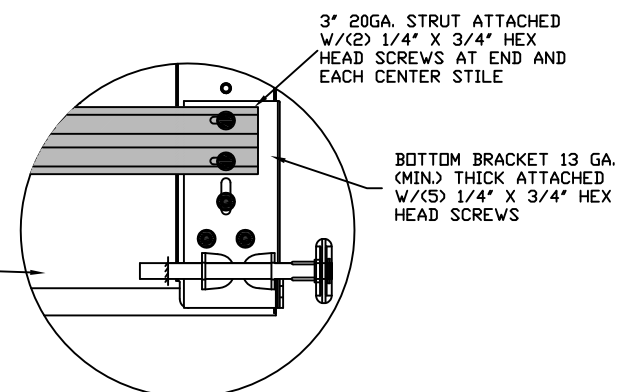
TYPICAL CENTER HINGE
N.T.S. ②



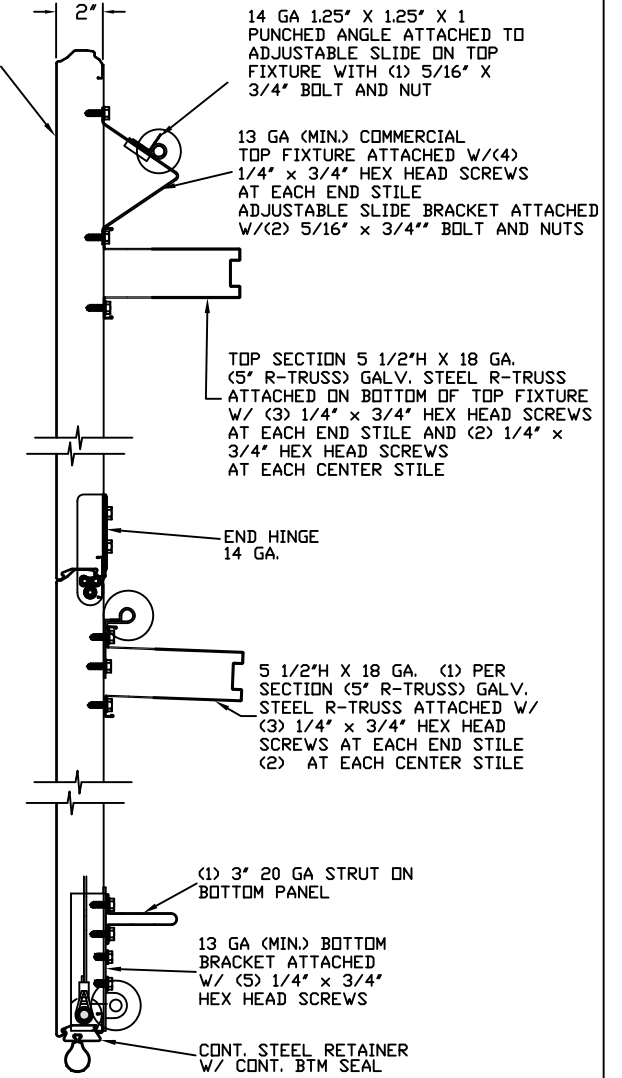
INSIDE ELEVATION
N.T.S.



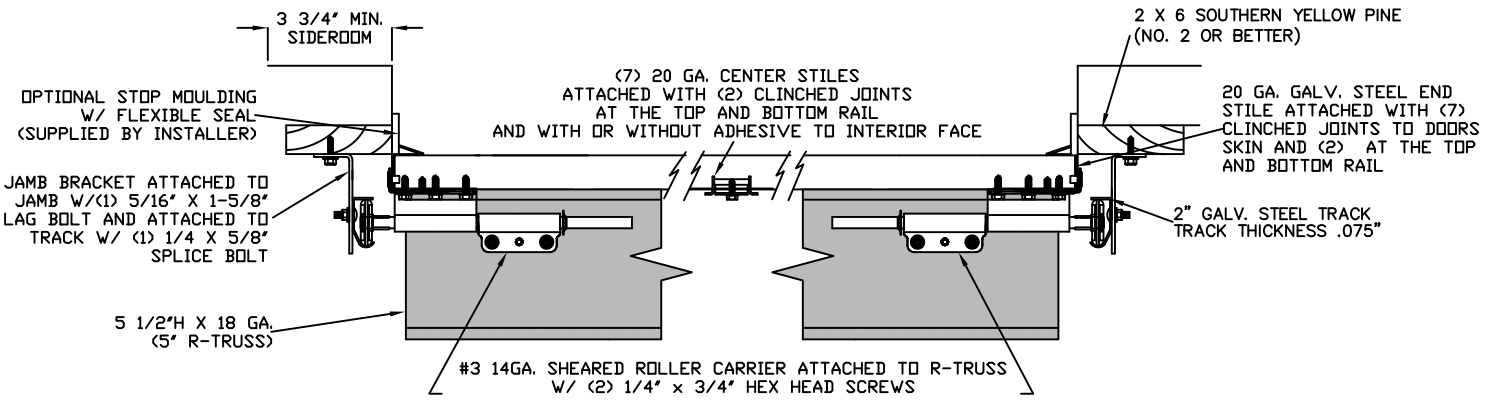
TYPICAL END HINGE
N.T.S. ③



TYPICAL BOTTOM BRACKET
N.T.S. ④



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



TRACK MOUNTING DETAIL
N.T.S.

THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN ASTM E330 AND 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)	145	131	125	119	114
EXPOSURE LEVEL	B	C	C	D	D
MEAN ROOF HEIGHT	30'	15'	25'	15'	25'

REV	DESCRIPTION OF REVISIONS	DATE	BY
A	WIND SPEED TABLE & TRACK CONFIGURATIONS	04/24/12	RLR

MAX SIZE
WIDTH 18'
HEIGHT 14'

DESIGN LOADS
+31.6 PSF
-35.7 PSF

TEST LOADS
+47.4 PSF
-53.6 PSF

NOT FOR USE IN
WINDBORNE
DEBRIS REGIONS

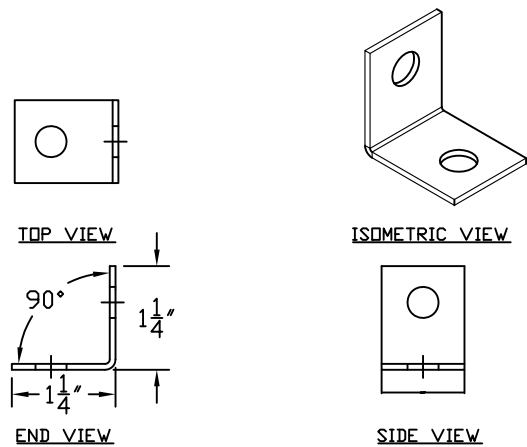


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MODEL #600 STRATFORD 1000, 2000
MODEL #650 & 655 OAK SUMMIT 1000, 2000
MODEL #950 HERITAGE 1000, 2000
Short, Long, Flush & Oak Summit Panel's

SIZE	DRAWN BY	SKW	DATE	1/10/08	DRAWING NUMBER IRC-6018-145-26
B	CHECKED BY	SKW	DATE	6/17/08	
ENGINEER: THOMAS L. SHILMERDINE P.E. LIC. No. 0048579					SHEET 1 OF 3

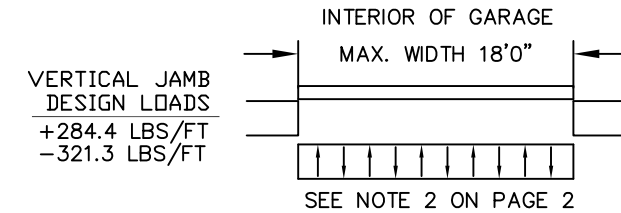
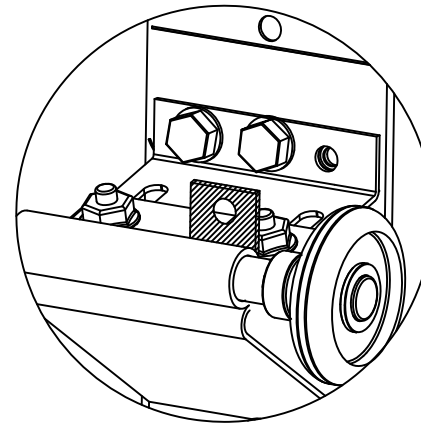
TOP FIXTURE ADDER PIECE



NOTES:

1. ZINC COATING
2. MATERIAL YIELD STRENGTH: 35-49 KSI.
3. MATERIAL HARDNESS: 50-60 ROCKWELL B.
4. 1.25" X 1.25" X 14 GA PUNCHED ANGLE MAY BE USED

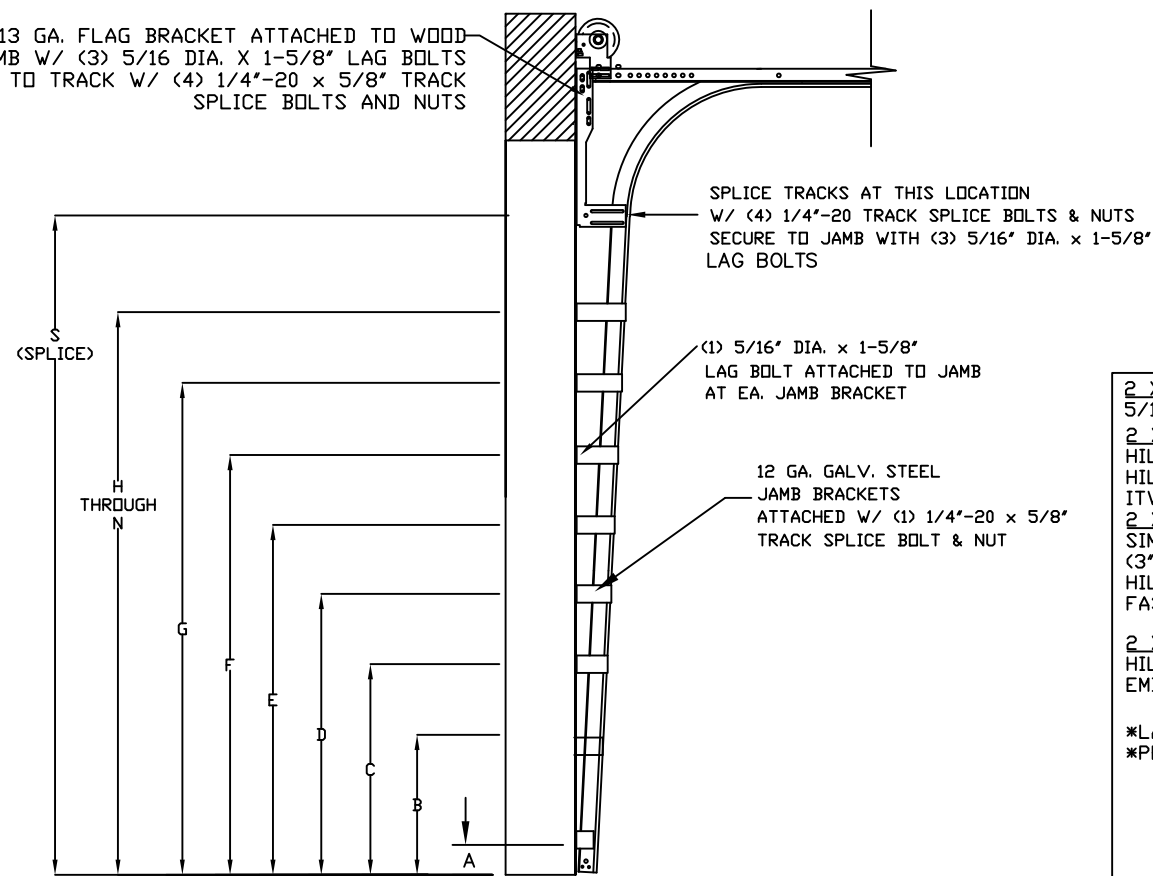
TOP FIXTURE REINFORCEMENT ILLUSTRATION



SPECIFICATIONS AND NOTES

1. ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE VERTICAL TRACK, FROM THE TRACK THE LOAD IS TRANSFERRED TO THE VERTICAL JAMBS. THE HORIZONTAL JAMB OR HEADER RECEIVES NO PORTION OF THE LOAD TRANSFERRED FROM THE DOOR.
2. EACH VERTICAL JAMBS RECEIVES MAXIMUM DESIGN LOADS OF: +284.4 LBS/FT & -321.3 LBS/FT
3. DOOR AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
4. DOOR SECTIONS SHALL BE 25 GA. (.0186) MIN. EXTERIOR SKIN ROLLED FORMED, W/ BAKED ON POLYESTER FINISH
5. DOORS USE (1) 5.5" 18GA R-TRUSS PER SECTION AND (1) 3" 20GA STRUT ON THE BOTTOM SECTION.
6. REFER TO TABLE 2 FOR SECTION CONFIGURATION.
7. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.

13 GA. FLAG BRACKET ATTACHED TO WOOD JAMB W/ (3) 5/16 DIA. X 1-5/8" LAG BOLTS AND TO TRACK W/ (4) 1/4"-20 X 5/8" TRACK SPLICE BOLTS AND NUTS



SEE (TABLE 1) FOR JAMB BRACKET SPACING

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

WOOD JAMB ATTACHMENT TO STRUCTURE

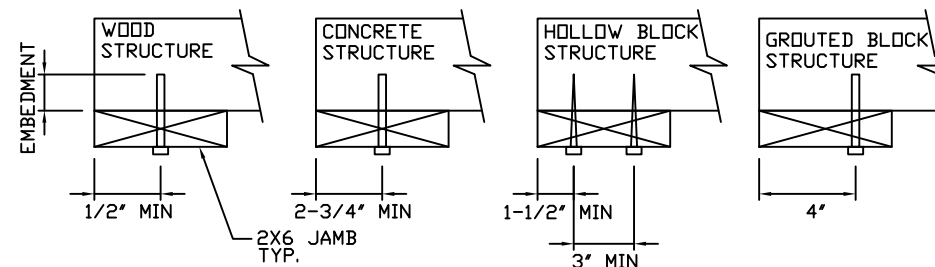
2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 16" O.C. (1 1/2" EMBEDMENT)

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 14" 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 8" 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 8" 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 18" 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



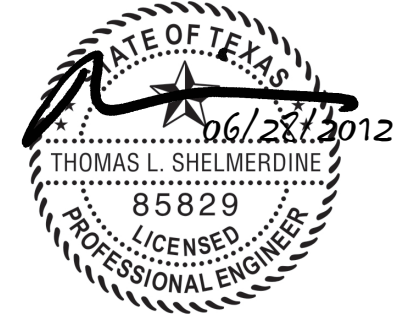
REV	DESCRIPTION OF REVISIONS	DATE	BY
A	WIND SPEED TABLE & TRACK CONFIGURATIONS	04/24/12	RLR

MAX SIZE
WIDTH 18'
HEIGHT 14'

DESIGN LOADS
+31.6 PSF
-35.7 PSF

TEST LOADS
+47.4 PSF
-53.6 PSF

NOT FOR USE IN
WINDBORNE
DEBRIS REGIONS

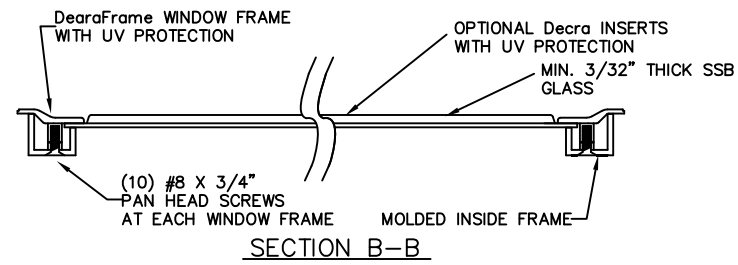


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MODEL #600 STRATFORD 1000, 2000
MODEL #650 & 655 OAK SUMMIT 1000, 2000
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Short, Long, Flush & Oak Summit Panel's

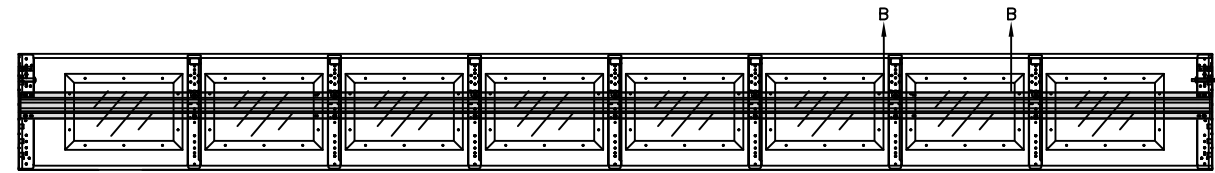
SIZE	DRAWN BY	SKW	DATE	1/10/08	DRAWING NUMBER
B	CHECKED BY	SKW	DATE	6/17/08	IRC-6018-145-26
ENGINEER: THOMAS L. SHLMEKDINE P.E. LIC. No. 0048579				SHEET 2 OF 3	

GLAZING OPTION CROSS SECTION

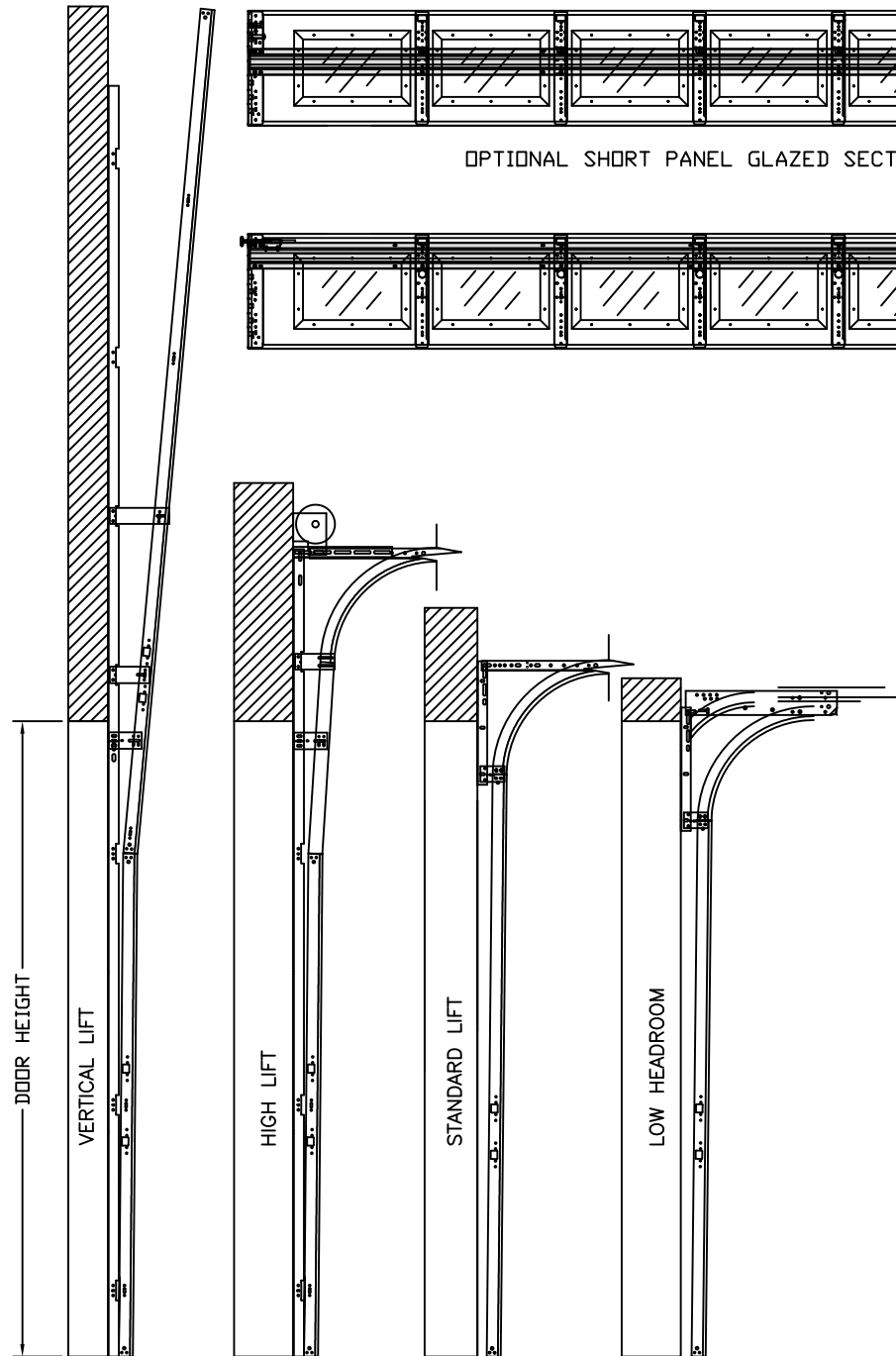
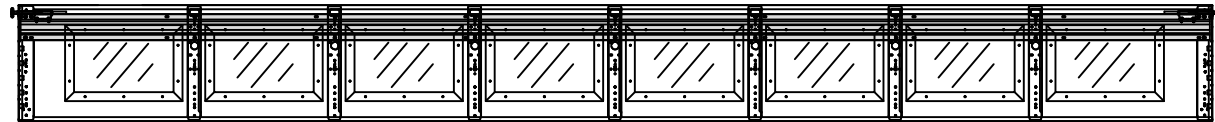
GLAZING NOT AVAILABLE IN WIND-BORNE DEBRIS REGION
GLAZING MEETS ASTM E1300-04



SECTION B-B



OPTIONAL SHORT PANEL GLAZED SECTION STRUT AND STILE LAYOUT



AVAILABLE TRACK CONFIGURATIONS
N.T.S.

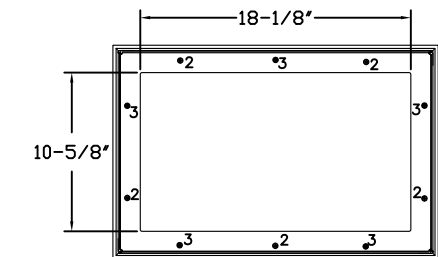
TABLE 1

HEIGHT	TRACK ATTACHMENT								SPLICE
	A	B	C	D	E	F	G	H	
6' 0"	10"	18"	36"	54"					64"
6' 6"	10"	21"	38"	58"					70"
7' 0"	10"	21"	42"	63"					76"
7' 6"	10"	18"	36"	54"	72"				82"
8' 0"	10"	21"	39"	58"	75"				88"
8' 6"	10"	21"	42"	63"	81"				94"
9' 0"	10"	18"	36"	54"	72"	90"			100"
9' 6"	10"	21"	39"	57"	75"	93"			106"
10' 0"	10"	21"	42"	63"	81"	99"			112"
10' 6"	10"	21"	42"	63"	84"	105"			118"
11' 0"	10"	21"	39"	57"	75"	93"	111"		124"
11' 6"	10"	21"	42"	63"	81"	99"	117"		130"
12' 0"	10"	21"	42"	63"	84"	105"	123"		136"
12' 6"	10"	18"	36"	57"	75"	93"	111"	129"	142"
13' 0"	10"	21"	42"	63"	81"	99"	117"	135"	148"
13' 6"	10"	21"	42"	63"	84"	105"	123"	141"	154"
14' 0"	10"	21"	42"	63"	84"	105"	126"	147"	160"

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

TABLE 2

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



SHORT PANEL GLAZING FASTENER DETAIL
N.T.S.

TABLE 3

Section Width (ft)	Panel Type	Center Stile Locations (Measured from Left)							Max Design Loads Allowed	
		1st (in)	2nd (in)	3rd (in)	4th (in)	5th (in)	6th (in)	7th (in)	Positive (PSF)	Negative (PSF)
16' 2"	Short	26.91	50.27	73.64	97.00	120.36	143.73	167.09	35.0	39.5
16' 2"	Long	28.25	51.17	74.08	97.00	119.92	142.83	165.75	35.0	39.5
16' 2"	Bead	24.63	48.75	72.88	97.00	121.13	145.25	169.38	35.0	39.5
16' 4"	Short	27.91	51.27	74.64	98.00	121.36	144.73	168.09	34.7	39.1
16' 4"	Long	29.25	52.17	75.08	98.00	120.92	143.83	166.75	34.5	39.0
16' 4"	Bead	24.63	49.08	73.54	98.00	122.46	146.92	171.38	34.7	39.1
16' 6"	Short	28.91	52.27	75.64	99.00	122.36	145.73	169.09	34.3	38.8
16' 6"	Long	27.51	51.34	75.17	99.00	122.83	146.66	170.49	34.3	38.8
16' 6"	Bead	24.63	49.42	74.21	99.00	123.79	148.59	173.38	34.3	38.8
16' 8"	Short	27.01	51.34	75.67	100.00	124.33	148.66	172.99	34.0	38.4
16' 8"	Long	28.30	52.20	76.10	100.00	123.90	147.80	171.70	34.0	38.4
16' 8"	Bead	24.88	49.92	74.96	100.00	125.04	150.09	175.13	34.0	38.4
16' 10"	Short	26.75	51.50	76.25	101.00	125.75	150.50	175.25	33.6	38.0
16' 10"	Long	29.30	53.20	77.10	101.00	124.90	148.80	172.70	33.6	38.0
16' 10"	Bead	24.86	50.15	75.57	101.00	126.29	151.59	176.88	33.6	38.0
17' 0"	Short	29.01	53.34	77.67	102.00	126.33	150.66	174.99	33.3	37.6
17' 0"	Long	30.30	54.20	78.10	102.00	125.90	149.80	173.70	33.2	37.5
17' 0"	Bead	25.38	50.92	76.46	102.00	127.54	153.09	178.63	33.3	37.6
17' 2"	Short	28.00	53.00	78.00	103.00	128.00	153.00	178.00	33.0	37.2
17' 2"	Long	31.30	55.20	79.10	103.00	126.90	150.80	174.70	32.6	36.8
17' 2"	Bead	25.63	51.42	77.21	103.00	128.79	154.59	180.38	33.0	37.2
17' 4"	Short	29.00	54.00	79.00	104.00	129.00	154.00	179.00	32.7	36.9
17' 4"	Long	32.30	56.20	80.10	104.00	127.90	151.80	175.70	32.0	36.2
17' 4"	Bead	25.88	51.92	77.96	104.00	130.04	156.09	182.13	32.7	36.9
17' 6"	Short	30.00	55.00	80.00	105.00	130.00	155.00	180.00	32.3	36.5
17' 6"	Long	33.30	57.20	81.10	105.00	128.90	152.80	176.70	31.5	35.6
17' 6"	Bead	26.13	52.42	78.71	105.00	131.29	157.59	183.88	32.3	36.5
17' 8"	Short	29.20	54.80	80.40	106.00	131.60	157.20	182.80	32.0	36.2
17' 8"	Long	30.70	55.80	80.90	106.00	131.10	156.20	181.30	32.0	36.2
17' 8"	Bead	26.38	52.92	79.46	106.00	132.54	159.09	185.63	32.0	36.2
17' 10"	Short	30.20	55.80	81.40	107.00	132.60	158.20	183.80	31.7	35.9
17' 10"	Long	30.88	56.25	81.63	107.00	132.38	157.75	183.13	31.7	35.9
17' 10"	Bead	26.63	53.42	80.21	107.00	133.79	160.59	187.38	31.7	35.9
18' 0"	Short	31.88	57.25	82.63	108.00	133.38	158.75	184.13	31.6	35.7
18' 0"	Long	32.70	57.80	82.90	108.00	133.10	158.20	183.30	31.2	35.3
18' 0"	Bead	26.88	53.92	80.96	108.00	135.04	162.09	189.13	31.6	35.7

REV	DESCRIPTION OF REVISIONS	DATE	BY
A	WIND SPEED TABLE & TRACK CONFIGURATIONS	04/24/12	RLR

MAX SIZE
WIDTH 18'
HEIGHT 14'

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+31.6 PSF
-35.7 PSF

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SIZE	DRAWN BY	SKW	DATE	1/10/08	DRAWING NUMBER
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ENGINEER: THOMAS L. SHILMERDINE P.E. LIC. No. 0048579 SHEET 3 OF 3