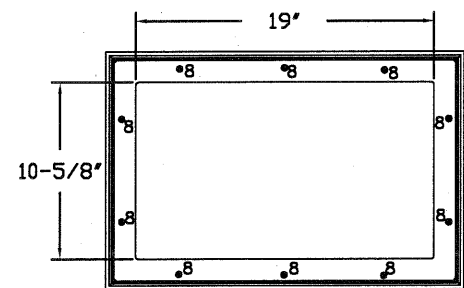
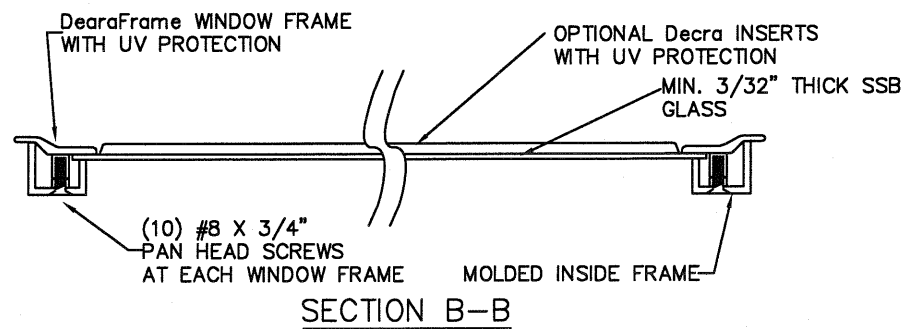
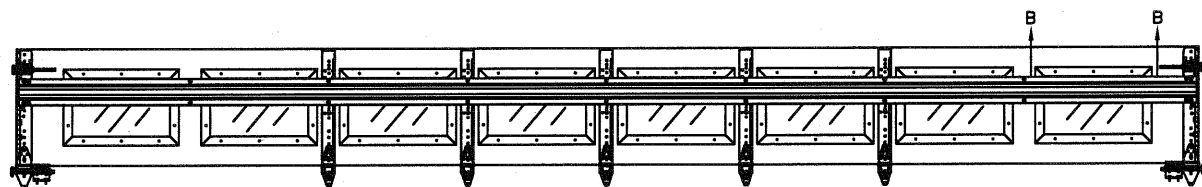


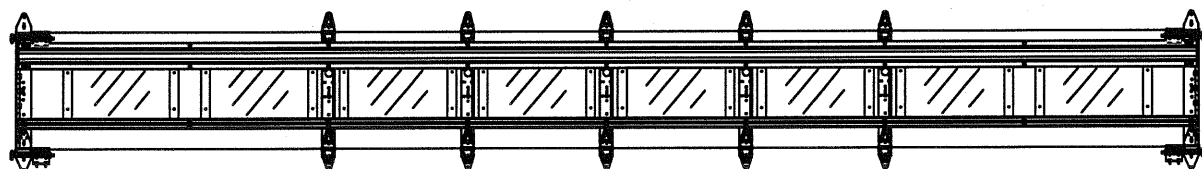
GLAZING OPTION CROSS SECTION
GLAZING NOT AVAILABLE IN WIND-BORNE DEBRIS REGION



SHORT PANEL GLAZING FASTENER DETAIL
N.T.S.



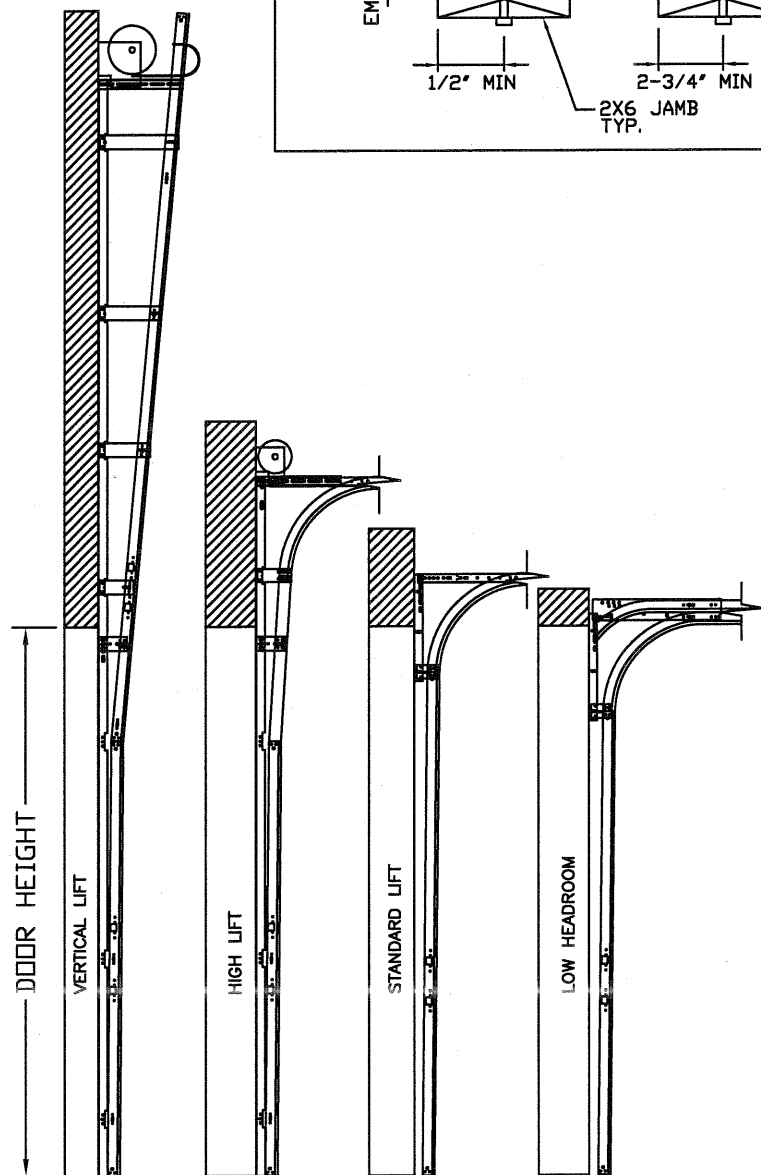
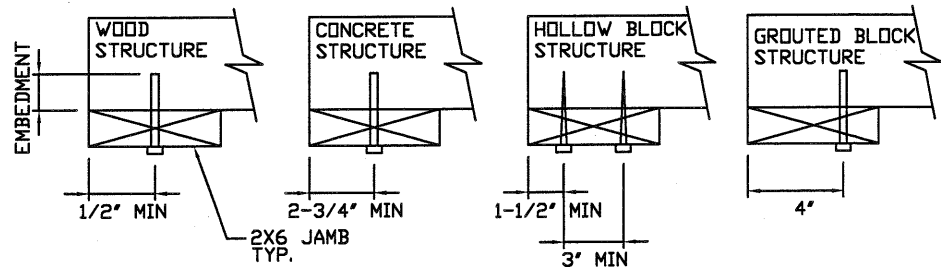
OPTIONAL SHORT PANEL TOP GLAZED SECTION (STRUT AND STILE LAYOUT)



OPTIONAL SHORT PANEL INTERMEDIATE 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 20" 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 18" 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 12" 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 12" 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 20" 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

MAX SIZE
18' x 14'

DESIGN LOADS
+25.4 PSF
-28.7 PSF

TEST LOADS
(1.5 x DESIGN LOADS)
+38.1 PSF
-43.1 PSF

Thomas L. Shelmerdine, PE (FL PE #0048579)
Structural Solutions, PA (FL Firm #29412)

FL

Thomas L. Shelmerdine
LICENSE
No. 48579
STATE OF FLORIDA
PROFESSIONAL ENGINEER

dba Structural Solutions of North Carolina, Inc.
5921-G W. Friendly Ave., Greensboro, NC 27410

Amarr

MODEL #625 AMARR LINCOLN 1000, 1500, 2000
MODEL #675 AMARR HILLCREST 1000, 1500, 2000

SIZE	DRAWN BY	RLR	DATE	12/7/15	DRAWING NUMBER
B	CHECKED BY	RLR	DATE	12/7/15	IRC-6218-130-24

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

SHEET 2 OF 3

TABLE 1

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"				
7' 0"	21"	21"	21"	21"				
6' 6"	21"	18"	18"	21"				

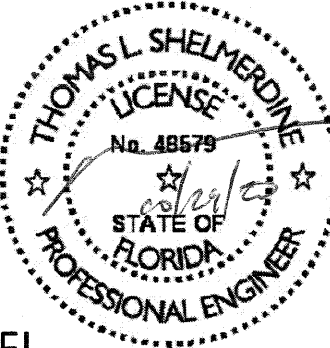
TABLE 2

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 AND ATTACHMENT SPACING $\pm 2"$
ALLOWED WITH SYP OR SPF NO. 2 OR BETTER ONLY

TABLE 3

Section	Panel Type	Center Stile Locations (Measured from Left Edge)					Max Design Loads Allowed	
		1st (in)	2st (in)	3rd (in)	4th (in)	5th (in)	Positive (PSF)	Negative (PSF)
16' 2	Short	50.27	73.64	97.00	120.36	143.73	28.1	31.8
16' 2	Long	51.17	74.08	97.00	119.92	142.83	28.1	31.8
16' 2	Hillcrest	48.75	72.88	97.00	121.13	145.25	28.1	31.8
16' 4	Short	51.27	74.64	98.00	121.36	144.73	27.9	31.5
16' 4	Long	52.17	75.08	98.00	120.92	143.83	27.8	31.4
16' 4	Hillcrest	49.08	73.54	98.00	122.46	146.92	27.9	31.5
16' 6	Short	52.27	75.64	99.00	122.36	145.73	27.6	31.2
16' 6	Long	51.34	75.17	99.00	122.83	146.66	27.6	31.2
16' 6	Hillcrest	49.42	74.21	99.00	123.79	148.59	27.6	31.2
16' 8	Short	51.34	75.67	100.00	124.33	148.66	27.3	30.8
16' 8	Long	52.20	76.10	100.00	123.90	147.80	27.3	30.8
16' 8	Hillcrest	49.92	74.96	100.00	125.04	150.09	27.3	30.8
16' 10	Short	51.50	76.25	101.00	125.75	150.50	27.0	30.5
16' 10	Long	53.20	77.10	101.00	124.90	148.80	27.0	30.5
16' 10	Hillcrest	50.15	75.57	101.00	126.29	151.59	27.0	30.5
17' 0	Short	53.34	77.67	102.00	126.33	150.66	26.8	30.2
17' 0	Long	54.20	78.10	102.00	125.90	149.80	26.7	30.2
17' 0	Hillcrest	50.92	76.46	102.00	127.54	153.09	26.8	30.2
17' 2	Short	53.00	78.00	103.00	128.00	153.00	26.5	29.9
17' 2	Long	55.20	79.10	103.00	126.90	150.80	26.4	29.8
17' 2	Hillcrest	51.42	77.21	103.00	128.79	154.59	26.5	29.9
17' 4	Short	54.00	79.00	104.00	129.00	154.00	26.2	29.7
17' 4	Long	56.20	80.10	104.00	127.90	151.80	26.1	29.5
17' 4	Hillcrest	51.92	77.96	104.00	130.04	156.09	26.2	29.7
17' 6	Short	55.00	80.00	105.00	130.00	155.00	26.0	29.4
17' 6	Long	57.20	81.10	105.00	128.90	152.80	25.8	29.2
17' 6	Hillcrest	52.42	78.71	105.00	131.29	157.59	26.0	29.4
17' 8	Short	54.80	80.40	106.00	131.60	157.20	25.7	29.1
17' 8	Long	55.80	80.90	106.00	131.10	156.20	25.7	29.1
17' 8	Hillcrest	52.92	79.46	106.00	132.54	159.09	25.7	29.1
17' 10	Short	55.80	81.40	107.00	132.60	158.20	25.5	28.8
17' 10	Long	56.25	81.63	107.00	132.38	157.75	25.5	28.8
17' 10	Hillcrest	53.42	80.21	107.00	133.79	160.59	25.5	28.8
18' 0	Short	57.25	82.63	108.00	133.38	158.75	25.4	28.7
18' 0	Long	57.80	82.90	108.00	133.10	158.20	25.3	28.6
18' 0	Hillcrest	53.92	80.96	108.00	135.04	162.09	25.4	28.7

REV	DESCRIPTION OF REVISIONS	DATE	BY
MAX SIZE 18' x 14' DESIGN LOADS +25.4 PSF -28.7 PSF TEST LOADS (1.5 x DESIGN LOADS) +38.1 PSF -43.1 PSF		Thomas L. Shelmerdine, PE (FL PE #0048579) Structural Solutions, PA (FL Firm #29412) FL  dba Structural Solutions of North Carolina, Inc. 5921-G.W. Friendly Ave., Greensboro, NC 27410	
			
MODEL #625 AMARR LINCOLN 1000, 1500, 2000 MODEL #675 AMARR HILLCREST 1000, 1500, 2000			
SIZE	DRAWN BY	RLR	DATE 12/7/15
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DRAWING NUMBER IRC-6218-130-24			SHEET 3 OF 3