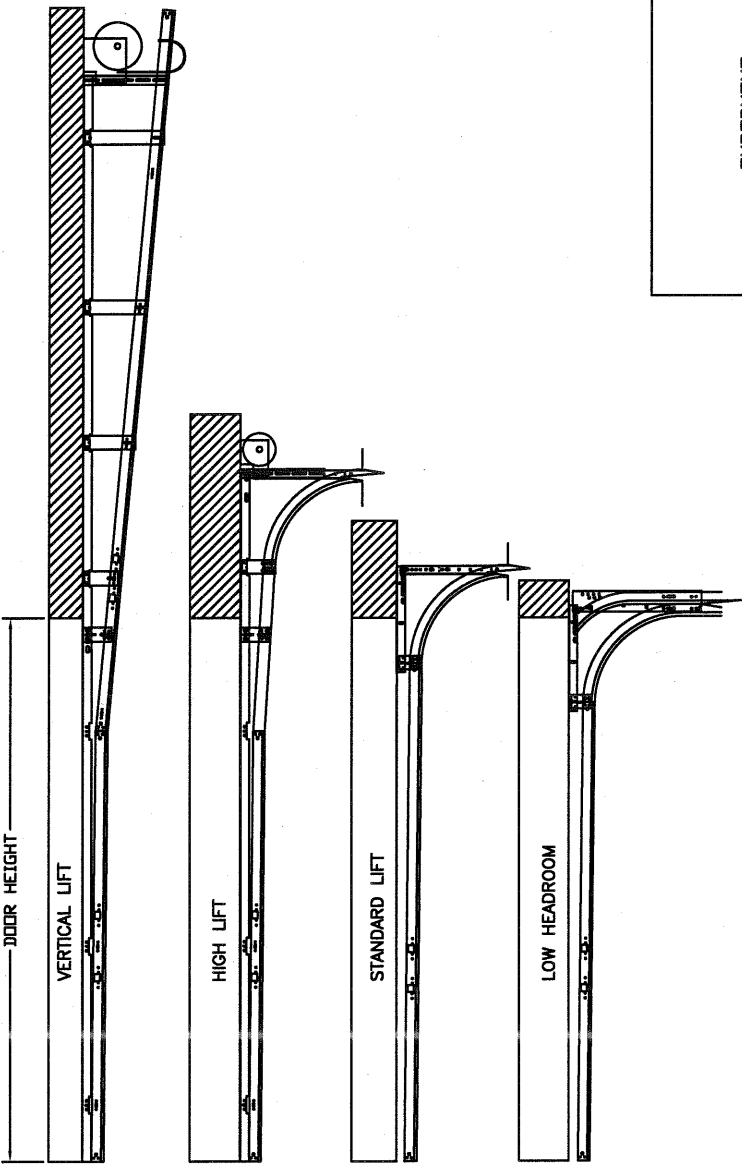


SIZE B	DRAWN BY RLR	DATE 07/17/13	DRAWING NUMBER IRC-5318-130-24-1
	CHECKED BY	DATE	
ENTREMATICS 165 CARRIAGE COURT WINSTON-SALEM, NC 27105			SHEET 1 OF 2

TABLE 1

Section	Center Stile Locations (Measured from Left Edge)					Max Design Loads Allowed	
Width (ft)	1st (in)	2st (in)	3rd (in)	4th (in)	5th (in)	Positive (PSF)	Negative (PSF)
09' 2	28.13	55.00	81.88			36.8	41.6
09' 4	28.63	56.00	83.38			36.1	40.9
09' 6	29.13	57.00	84.88			35.5	40.1
09' 8	29.63	58.00	86.38			34.9	39.4
09' 10	30.13	59.00	87.88			34.3	38.8
10' 0	30.63	60.00	89.38			33.7	38.1
10' 2	31.13	61.00	90.88			33.1	37.5
10' 4	31.63	62.00	92.38			32.6	36.9
10' 6	32.13	63.00	93.88			32.1	36.3
10' 8	32.63	64.00	95.38			31.6	35.7
10' 10	33.13	65.00	96.88			31.1	35.2
11' 0	33.63	66.00	98.38			30.6	34.7
11' 2	34.13	67.00	99.88			30.2	34.1
11' 4	34.63	68.00	101.38			29.7	33.6
11' 6	35.13	69.00	102.88			29.3	33.2
11' 8	35.63	70.00	104.38			28.9	32.7
11' 10	36.13	71.00	105.88			28.5	32.2
12' 0	24.625	48.31	72	95.688	119.375	37.5	42.4
12' 2	25.125	49.06	73	96.938	120.875	36.9	41.8
12' 4	25.625	49.81	74	98.188	122.375	36.4	41.2
12' 6	26.125	50.56	75	99.438	123.875	36.0	40.7
12' 8	26.625	51.31	76	100.69	125.375	35.5	40.2
12' 10	27.125	52.06	77	101.94	126.875	35.0	39.6
13' 0	27.625	52.81	78	103.19	128.375	34.6	39.1
13' 2	28.125	53.56	79	104.44	129.875	34.1	38.6
13' 4	28.625	54.31	80	105.69	131.375	33.7	38.1
13' 6	29.125	55.06	81	106.94	132.875	33.3	37.7
13' 8	29.625	55.81	82	108.19	134.375	32.9	37.2
13' 10	30.125	56.56	83	109.44	135.875	32.5	36.8
14' 0	30.625	57.31	84	110.69	137.375	32.1	36.3
14' 2	31.125	58.06	85	111.94	138.875	31.7	35.9
14' 4	31.625	58.81	86	113.19	140.375	31.4	35.5
14' 6	32.125	59.56	87	114.44	141.875	31.0	35.1
14' 8	32.625	60.31	88	115.69	143.375	30.7	34.7
14' 10	33.125	61.06	89	116.94	144.875	30.3	34.3
15' 0	33.625	61.81	90	118.19	146.375	30.0	33.9
15' 2	34.125	62.56	91	119.44	147.875	29.6	33.5
15' 4	34.625	63.31	92	120.69	149.375	29.3	33.2
15' 6	47.42	70.208	93.00	115.79	138.58	28.8	32.6
15' 8	48.02	71.008	94.00	116.99	139.98	28.5	32.2
15' 10	48.62	71.808	95.00	118.19	141.38	28.2	31.9
16' 0	48.42	72.208	96.00	119.79	143.58	28.0	31.7
16' 2	48.75	72.880	97.00	121.13	145.25	27.7	31.4
16' 4	49.08	73.540	98.00	122.46	146.92	27.5	31.1
16' 6	49.42	74.210	99.00	123.79	148.59	27.2	30.8
16' 8	49.92	74.960	100.00	125.04	150.09	27.0	30.5
16' 10	50.42	75.710	101.00	126.29	151.59	26.7	30.2
17' 0	50.92	76.460	102.00	127.54	153.09	26.4	29.9
17' 2	51.42	77.210	103.00	128.79	154.59	26.2	29.6
17' 4	51.92	77.960	104.00	130.04	156.09	25.9	29.3
17' 6	52.42	78.710	105.00	131.29	157.59	25.7	29.1
17' 8	52.92	79.460	106.00	132.54	159.09	25.4	28.8
17' 10	53.42	80.210	107.00	133.79	160.59	25.2	28.5
18' 0	53.92	80.960	108.00	135.04	162.09	25.1	28.4

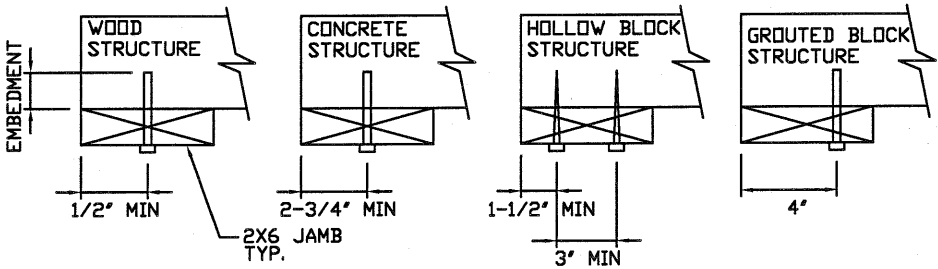


AVAILABLE TRACK CONFIGURATIONS
N.T.S.

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 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 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 22" 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

MAX SIZE
18' x 8'

DESIGN LOADS
+25.1 PSF
-28.4 PSF

TEST LOADS
(1.5 x DESIGN LOADS)
+37.7 PSF
-42.6 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 #500 CLASSICA
1000 & 2000

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

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