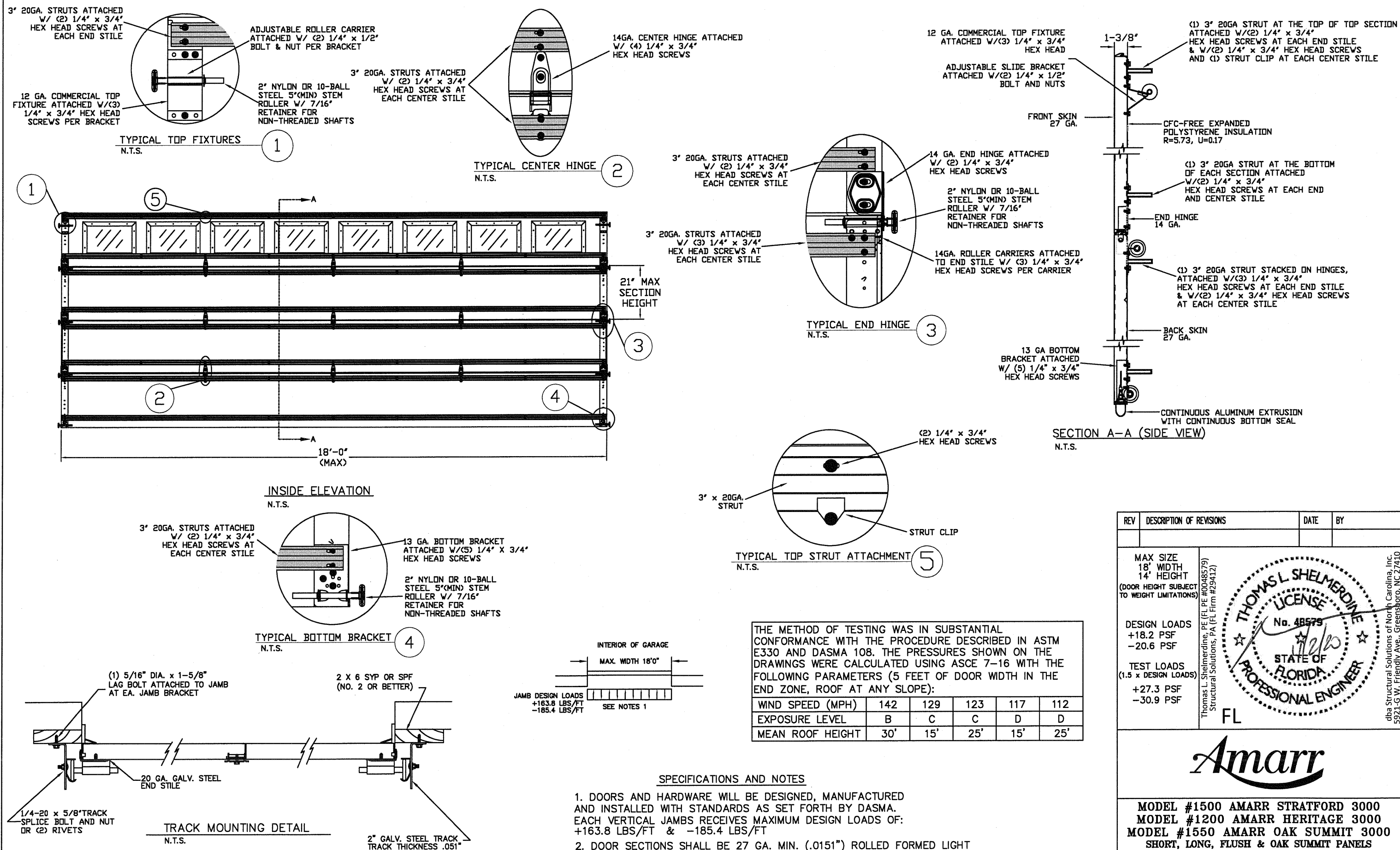




SPECIFICATIONS AND NOTES

- DOORS AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA. EACH VERTICAL JAMBS RECEIVES MAXIMUM DESIGN LOADS OF: +163.8 LBS/FT & -185.4 LBS/FT
- DOOR SECTIONS SHALL BE 27 GA. MIN. (.0151") ROLLED FORMED LIGHT COMMERCIAL QUALITY
- SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE
18' WIDTH
14' HEIGHT
(DOOR HEIGHT SUBJECT
TO WEIGHT LIMITATIONS)

DESIGN LOADS
+18.2 PSF
-20.6 PSF

TEST LOADS
(1.5 x DESIGN LOADS)
+27.3 PSF
-30.9 PSF

THOMAS L. SHELDERDINE
LICENSE
No. 48579
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
FL

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

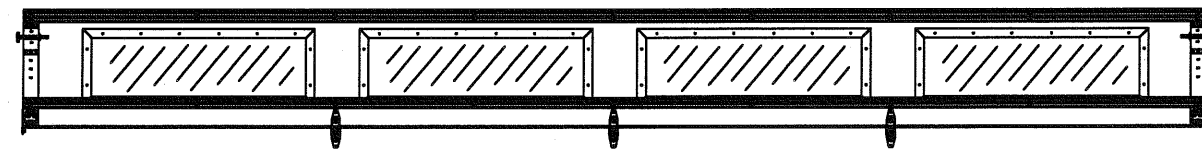
dba Structural Solutions of North Carolina, Inc.
5921-G W. Friendly Ave., Greensboro, NC 27410

Amarr

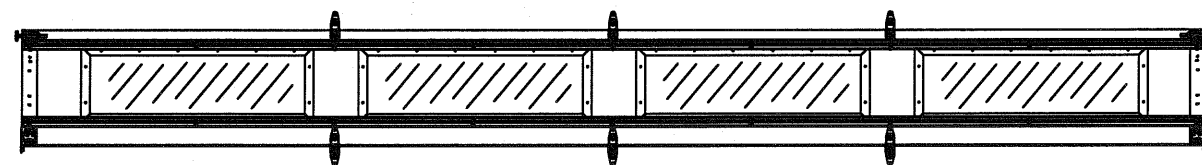
MODEL #1500 AMARR STRATFORD 3000				DRAWING NUMBER	
MODEL #1200 AMARR HERITAGE 3000				IRC-1518-110-15	
MODEL #1550 AMARR OAK SUMMIT 3000					
SHORT, LONG, FLUSH & OAK SUMMIT PANELS					
SIZE	DRAWN BY	RLR	DATE	06/05/14	SHEET 1 OF 3
B	CHECKED BY	RLR	DATE	06/05/14	
ENTREMATIC 165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105					

OPTIONAL SHORT AND LONG PANEL GLAZING LAYOUTS

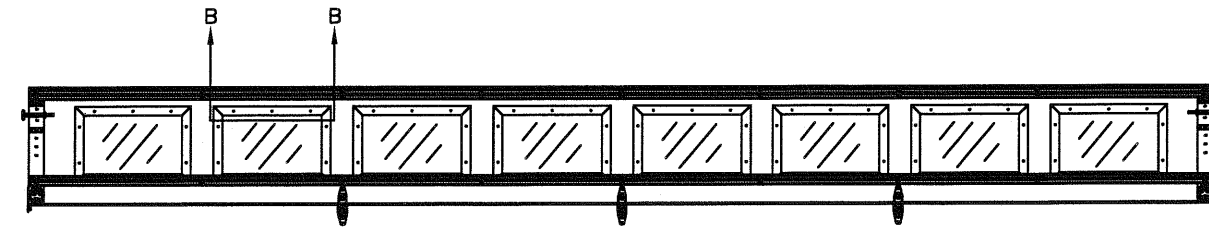
GLAZING MEETS ASTM E1300-04



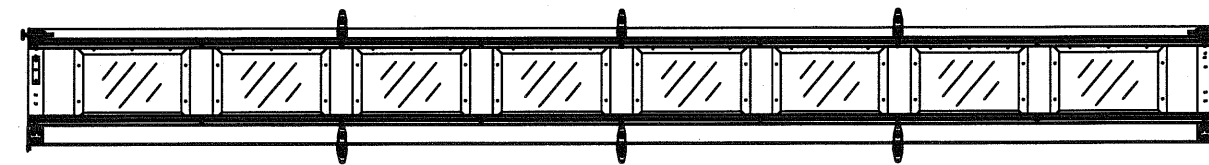
TOP SECTION



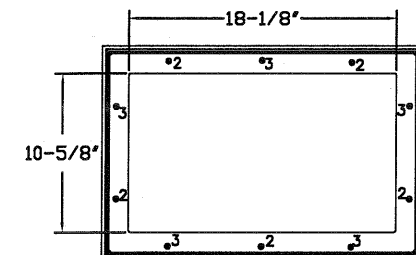
INTERMEDIATE SECTION



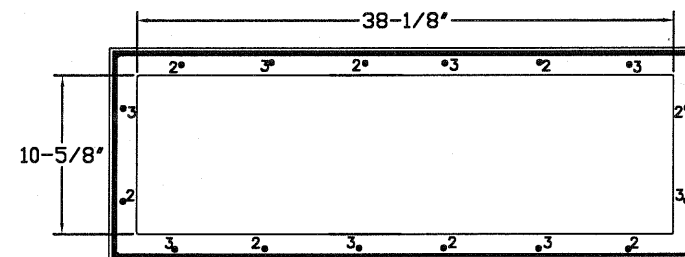
TOP SECTION



INTERMEDIATE SECTION



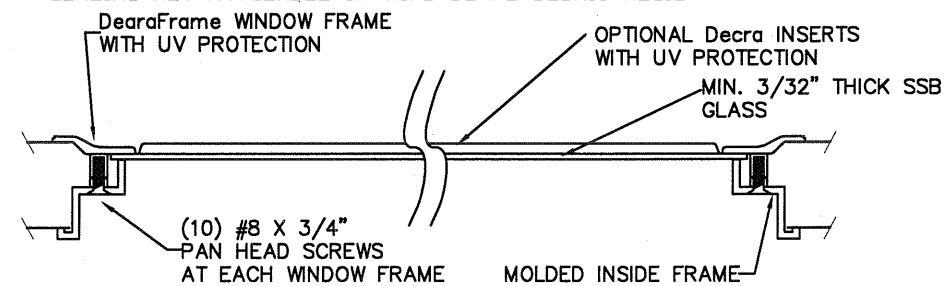
SHORT PANEL GLAZING FASTENER DETAIL
N.T.S.



LONG PANEL GLAZING FASTENER DETAIL
N.T.S.

GLAZING OPTION CROSS SECTION

GLAZING NOT AVAILABLE IN WIND-BORNE DEBRIS REGION



SECTION B-B

WOOD JAMB ATTACHMENT TO STRUCTURE

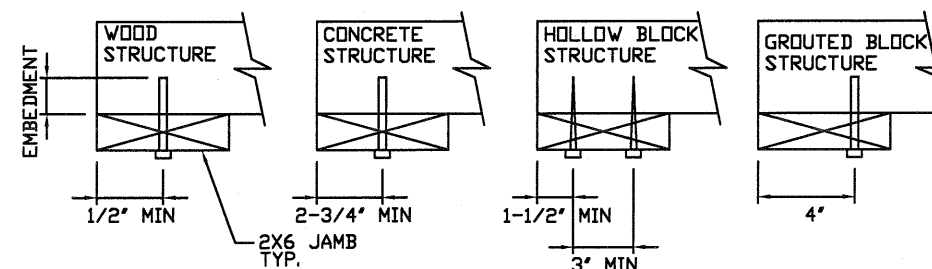
2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 24" O.C. (1 1/2" EMBEDMENT)

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)

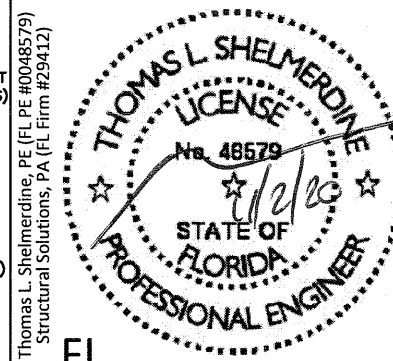
2 X 6 VERTICAL JAMB ATTACHMENT TO HOLLOW C-90 BLOCK
SIMPSON 1/4" X 3" TITEN SCREWS STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS (3" APART) AT 16" O.C. (1 1/2" EMBEDMENT)
HILTI 1/4" X 2-3/4" KWIK-CON II+ SCREWS STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS (3" APART) AT 16" O.C. (1 1/4" EMBEDMENT)

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	DESCRIPTION OF REVISIONS	DATE	BY
	MAX SIZE 18' WIDTH 14' HEIGHT (DOOR HEIGHT SUBJECT TO WEIGHT LIMITATIONS)		
	DESIGN LOADS +18.2 PSF -20.6 PSF		
	TEST LOADS (1.5 x DESIGN LOADS) +27.3 PSF -30.9 PSF		



Amarr

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

SIZE	DRAWN BY	RLR	DATE	06/05/14	DRAWING NUMBER
B	CHECKED BY	RLR	DATE	06/05/14	IRC-1518-110-15
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"	18"			
7' 0"	21"	21"	21"	21"				
6' 6"	21"	18"	18"	21"				

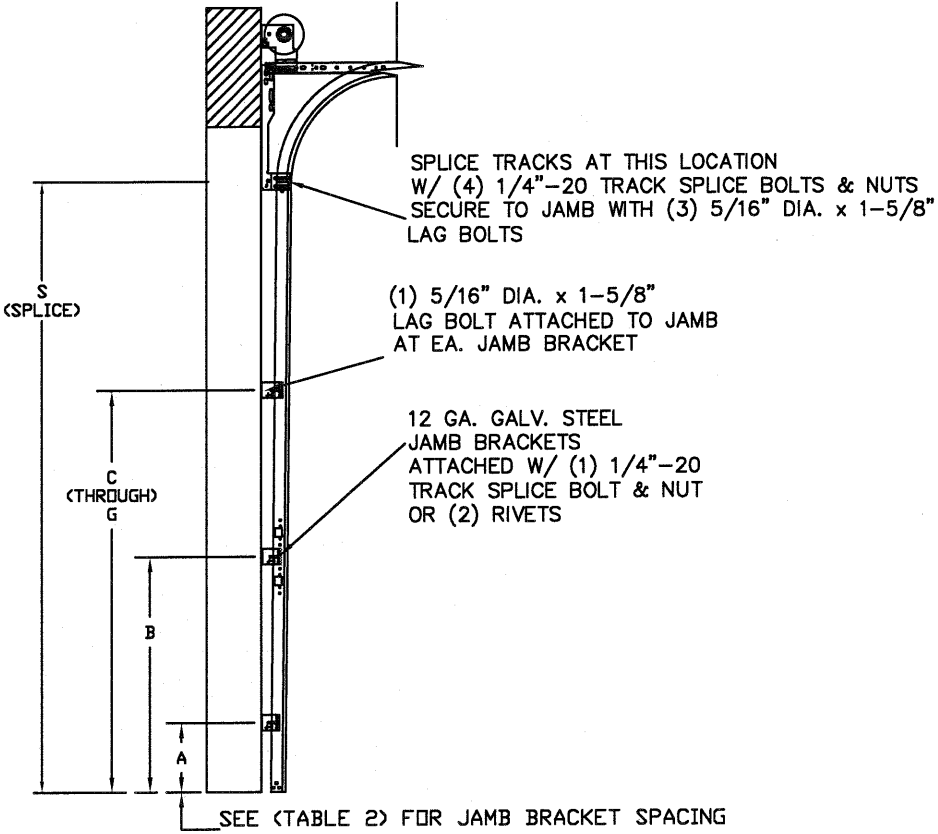
TABLE 3

TABLE 4

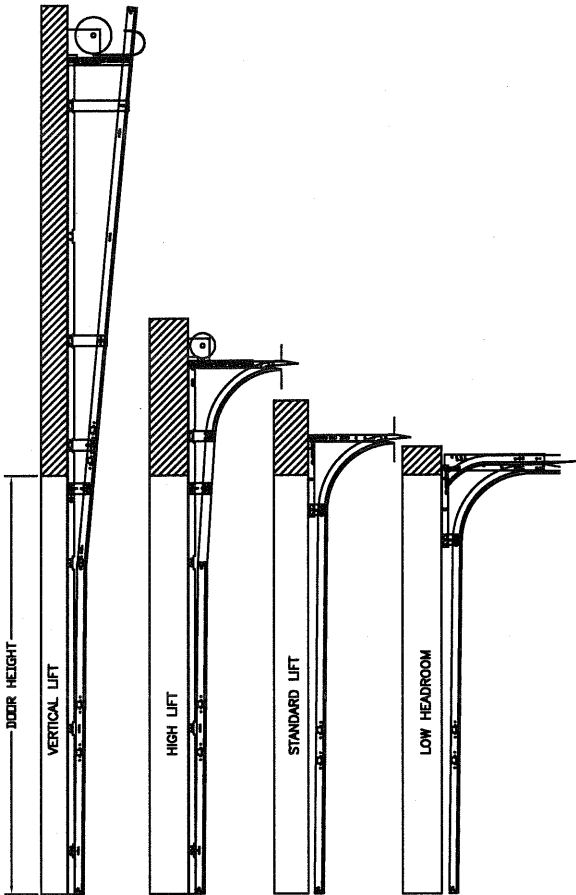
TABLE 2

DOOR HEIGHT	TRACK ATTACHMENT							SPLICE
	A	B	C	D	E	F	G	
6' 6"	10"	38"	58"					70"
7'	10"	38"	58"					76"
7' 6"	4"	28"	52"	76"				82"
8'	10"	34"	58"	82"				88"
8' 6"	4"	28"	52"	76"				94"
9'	10"	34"	58"	82"				100"
9' 6"	4"	28"	52"	76"	100"			106"
10'	10"	34"	58"	82"	106"			112"
10' 6"	4"	28"	52"	76"	100"			118"
11'	10"	34"	58"	82"	106"			124"
11' 6"	4"	28"	52"	76"	100"	124"		130"
12'	10"	34"	58"	82"	106"	130"		136"
12' 6"	4"	28"	52"	76"	100"	124"		142"
13'	10"	34"	58"	82"	106"	130"		148"
13' 6"	4"	28"	52"	76"	100"	124"	148"	154"
14'	10"	34"	58"	82"	106"	130"	154"	160"

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



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



AVAILABLE TRACK CONFIGURATIONS
N.T.S.

REV	DESCRIPTION OF REVISIONS	DATE	BY

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

SHEET 3 OF 3