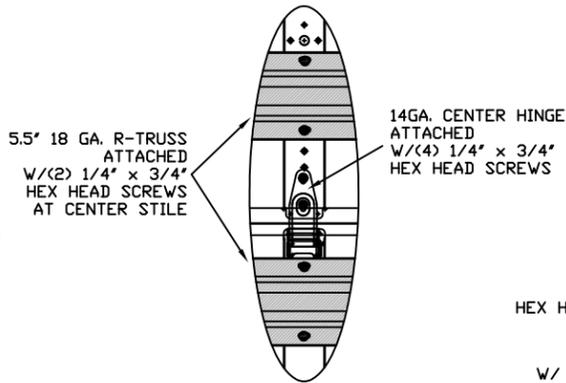
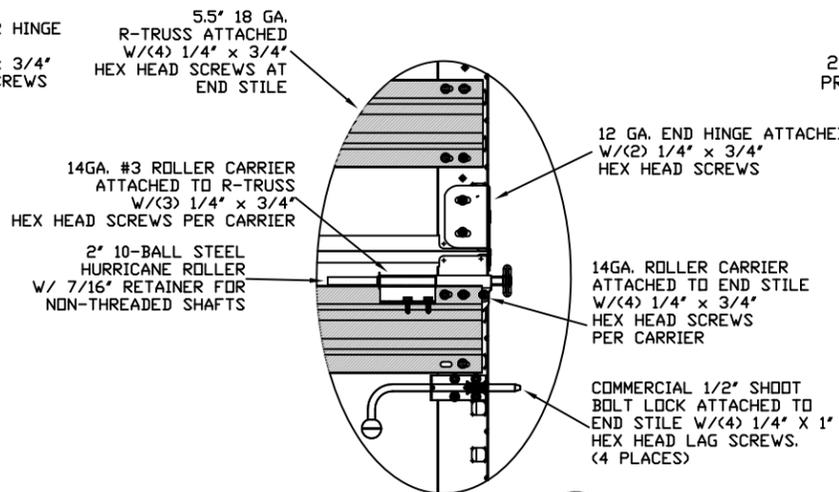


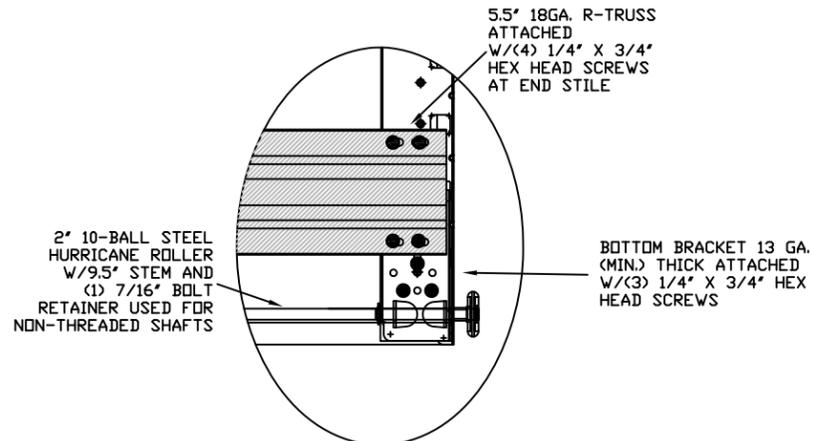
TYPICAL TOP FIXTURES
N.T.S.



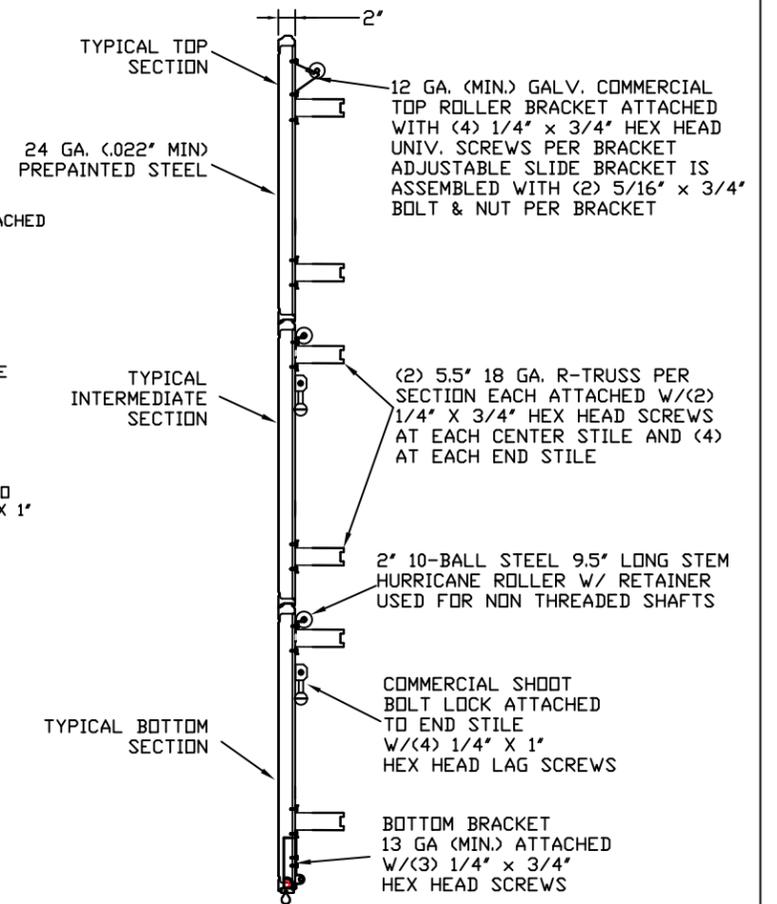
TYPICAL CENTER HINGE
N.T.S.



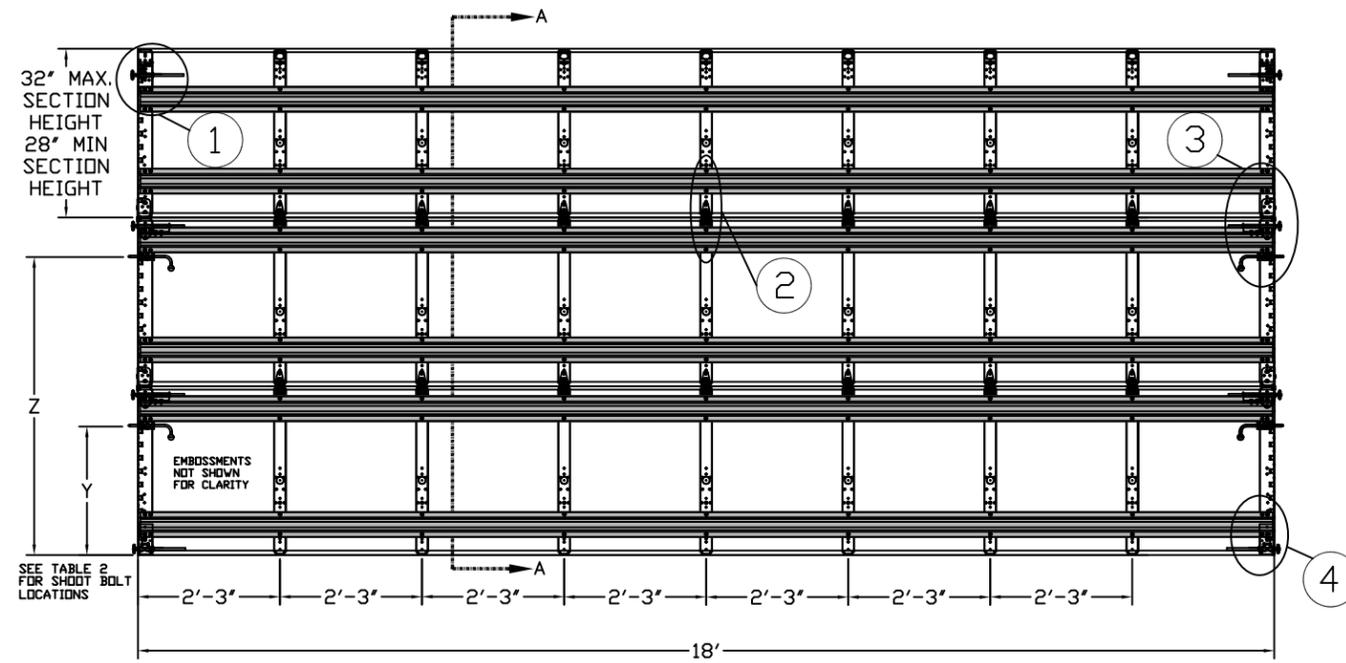
TYPICAL END HINGE
N.T.S.



TYPICAL BOTTOM BRACKET
N.T.S.

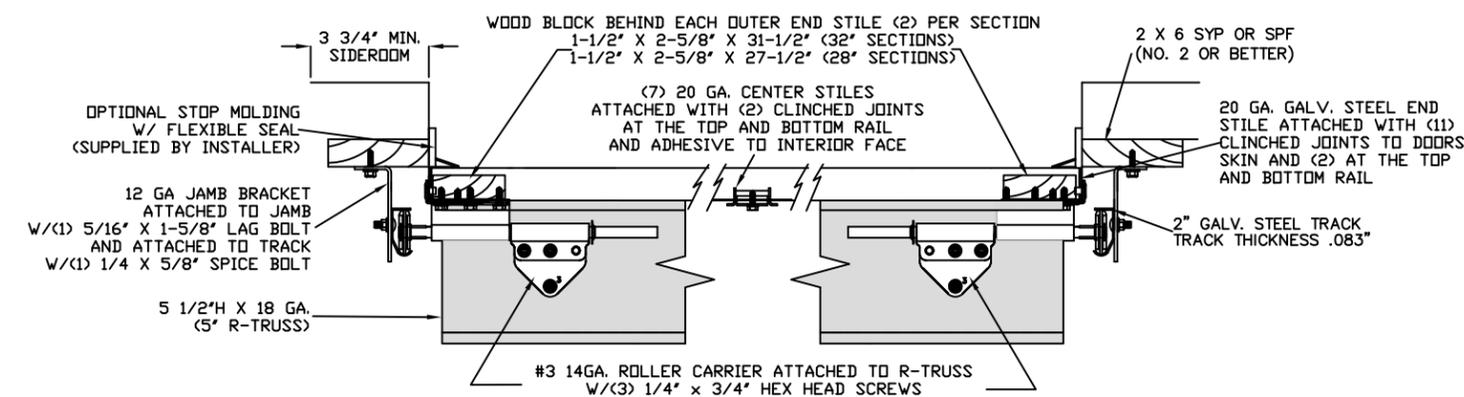


SECTION A-A (SIDE VIEW)
N.T.S.



INSIDE ELEVATION
N.T.S.

SEE NOTE 2 ON PAGE 2



TRACK MOUNTING DETAIL
N.T.S.

LARGE MISSILE IMPACT RESISTANCE

THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN ASTM E1886, E1996, F588 AND DASMA 108, 115. 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):

WIND SPEED (MPH)	141	128	121	116	111
EXPOSURE LEVEL	B	C	C	D	D
MEAN ROOF HEIGHT	30'	15'	25'	15'	25'

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE
18' x 8'
DESIGN LOADS
+29.4 PSF
-33.3 PSF
TEST LOADS
+44.1 PSF
-50.0 PSF



LARGE MISSILE
IMPACT
RESISTANCE



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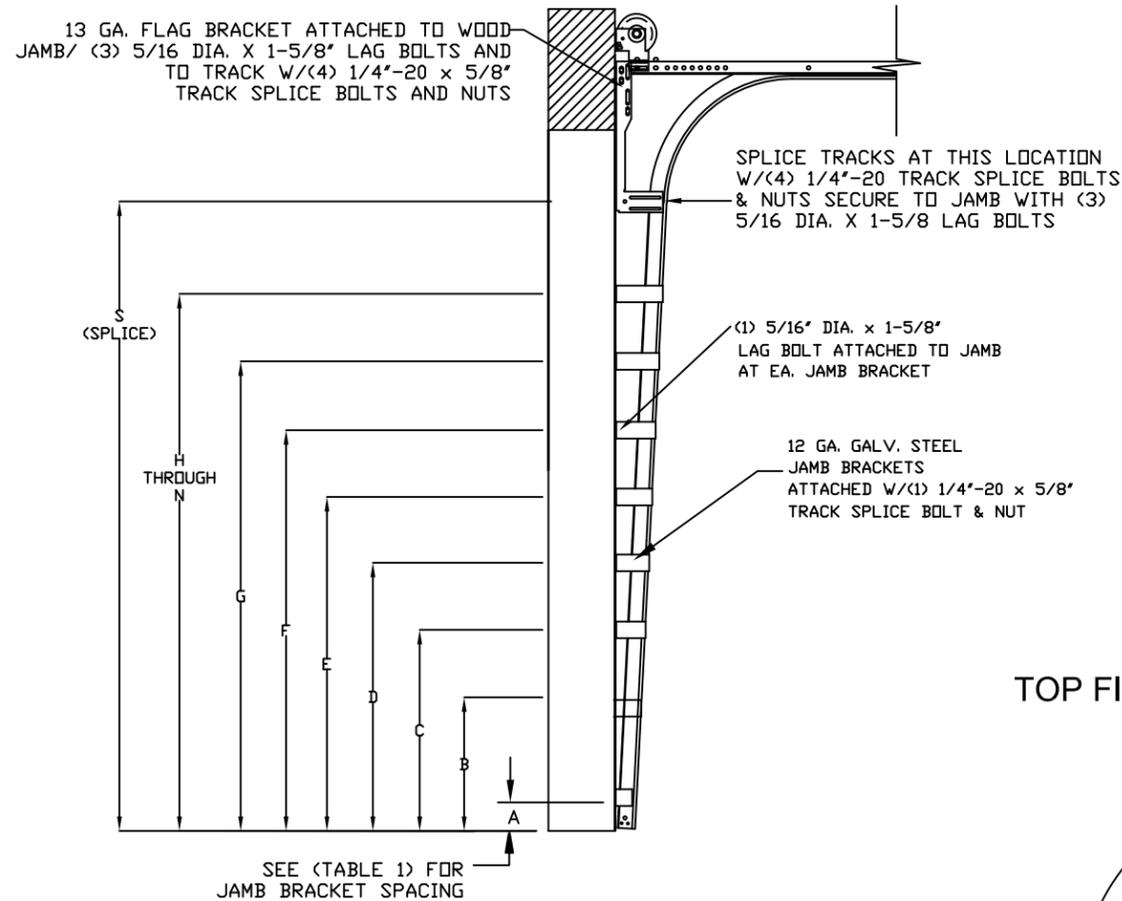
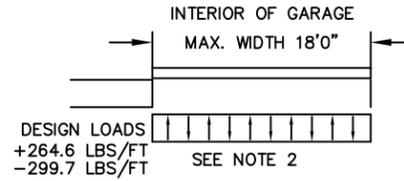
MODEL #500 CLASSICA 1000 & 2000

SIZE	DRAWN BY	RLR	DATE	6/25/12	DRAWING NUMBER
B	CHECKED BY		DATE		IRC-5318-140-26-1

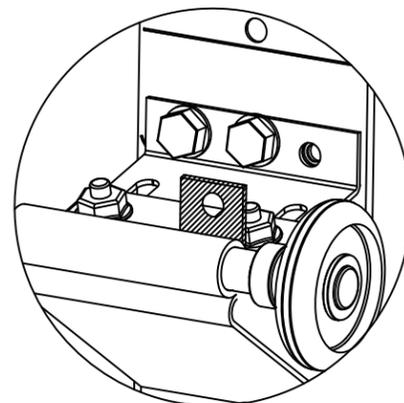
ENGINEER: THOMAS L. SHELMERDINE P.E. LIC. No. 0048579 SHEET 1 OF 3

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 JAMB RECEIVES MAXIMUM DESIGN LOADS OF: +264.6 LBS/FT & -299.7 LBS/FT
3. DOOR AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASHA.
4. DOOR SECTIONS SHALL BE 24 GA. (.022) MIN. EXTERIOR SKIN ROLLED FORMED, W/ BAKED ON POLYESTER FINISH
5. DOORS UP TO 8'0" HIGH CONSIST OF (3) SECTIONS AS SHOWN. USE (2) 5.5' R-TRUSSES PER SECTION
6. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.



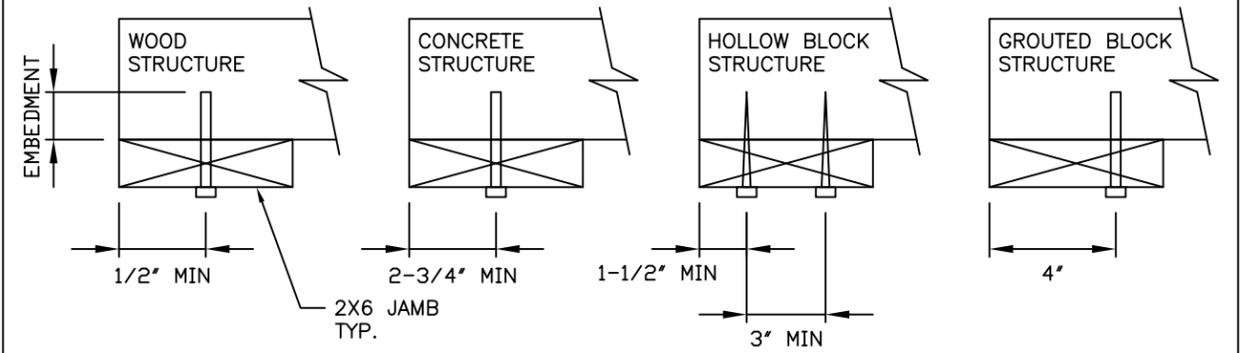
TOP FIXTURE REINFORCEMENT ILLUSTRATION



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 18" 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 16" 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

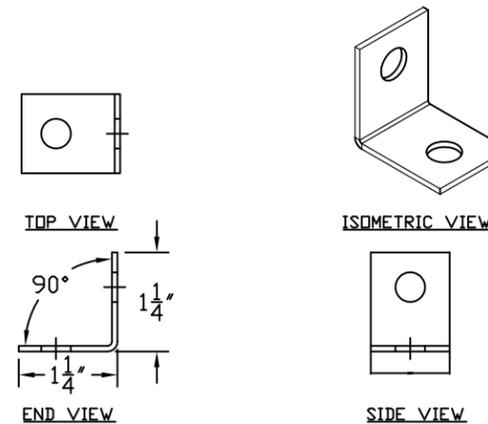


STANDARD TRACK CONFIGURATION FOR 7' AND 8' TALL DOORS
N.T.S.

TABLE 1

Door Height	TRACK ATTACHMENT (in)								SPLICE
	A	B	C	D	E	F	G	H	
7' 0	3.5	14	27	38	47	56	68		76
8' 0	3.5	14	27	38	47	56	68	79	88

TOP FIXTURE ADDER PIECE



REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE 18' x 8'

DESIGN LOADS +29.4 PSF -33.3 PSF

TEST LOADS +44.1 PSF -50.0 PSF

LARGE MISSILE IMPACT RESISTANCE

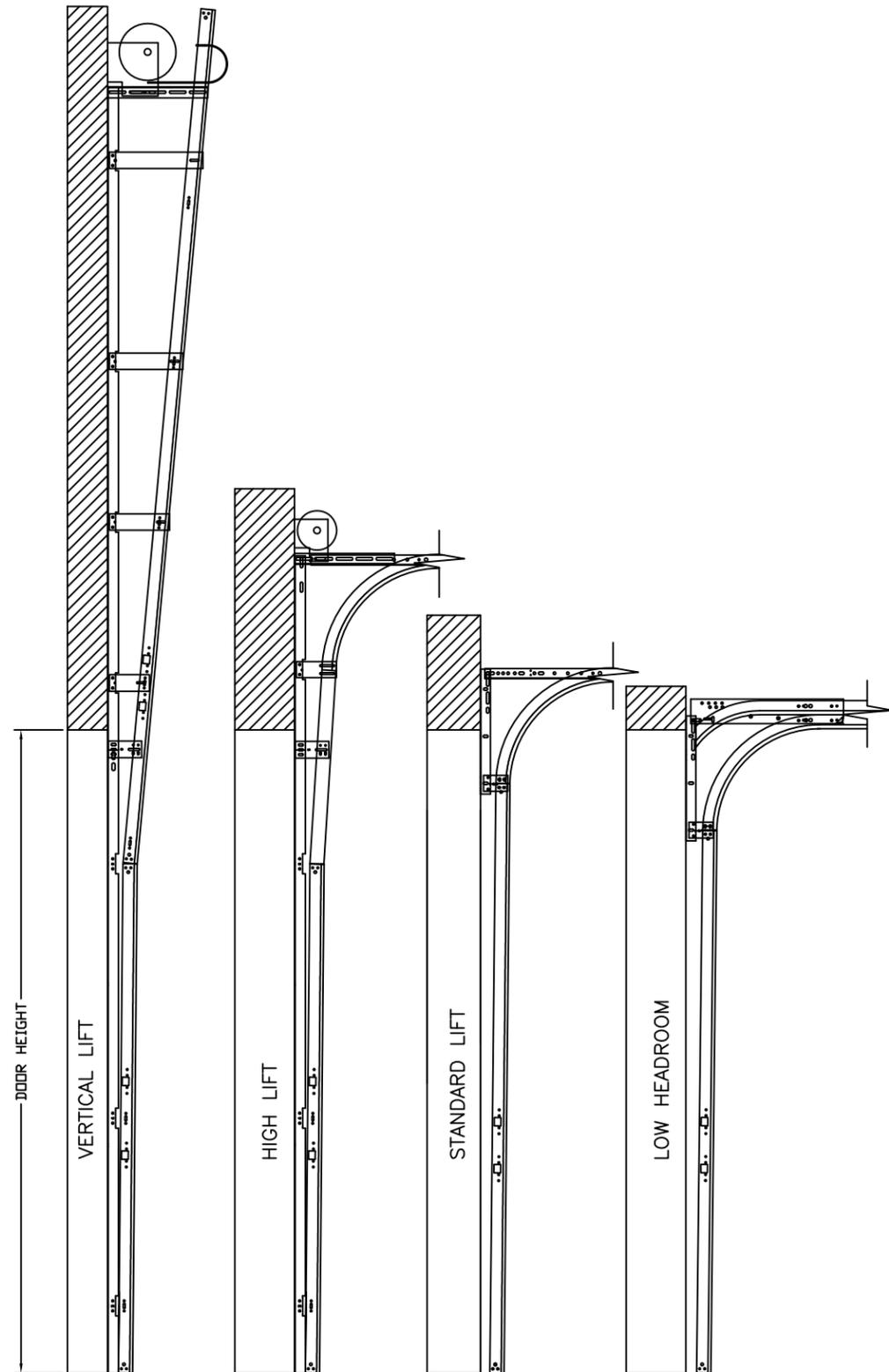
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ENGINEER: THOMAS L. SHELMERDINE P.E. LIC. No. 0048579 SHEET 2 OF 3

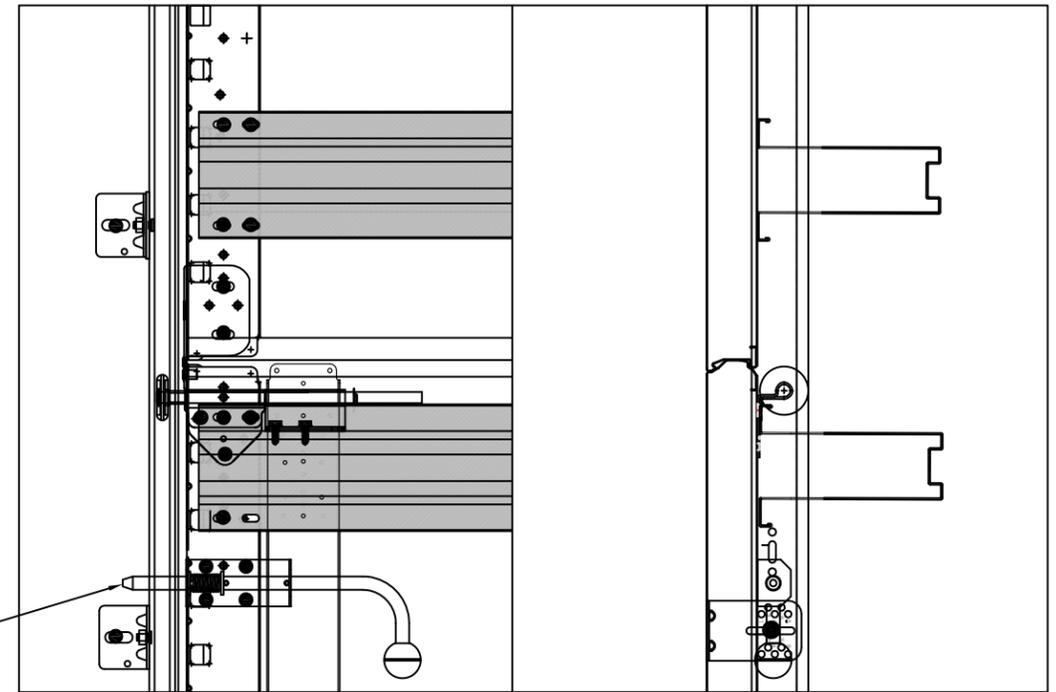


AVAILABLE TRACK CONFIGURATIONS
N.T.S.

TABLE 2

Door Height	SHOOT BOLT ATTACHMENT (in)	
	Y	Z
7' 0	21	48
8' 0	25	58

SHOOT BOLT ENGAGES TRACK AT 2 LOCATIONS PER SIDE. BOLTS MUST BE ENGAGED DURING HIGH WIND EVENTS.



REV	DESCRIPTION OF REVISIONS	DATE	BY

<p>MAX SIZE 18' x 8'</p> <p>DESIGN LOADS +29.4 PSF -33.3 PSF</p> <p>TEST LOADS +44.1 PSF -50.0 PSF</p> <p>LARGE MISSILE IMPACT RESISTANCE</p>	
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SIZE	DRAWN BY	RLR	DATE	6/25/12	DRAWING NUMBER
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ENGINEER: THOMAS L. SHELMERDINE P.E. LIC. No. 0048579 SHEET 3 OF 3