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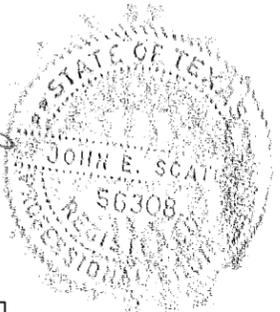
P.S.F. TABLE					
DOOR SIZE		DESIGN PRESSURE		TEST PRESSURE	
WIDTH	HEIGHT	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
9'-0"	7'-0"	+42.6	-48.9	+63.9	-73.4

DOORS SHOWN ON THIS DRAWING HAVE BEEN DEMONSTRATED TO WITHSTAND THE PRESSURES LISTED IN THE TABLE ABOVE VIA TESTING TO ANSI/DASMA 108-05.

DETERMINATION OF SUITABILITY FOR SPECIFIC SITES IS THE RESPONSIBILITY OF OTHERS.

John E. Scates PE  
3121 FAIRGATE DR.  
CARROLLTON, TX 75007  
TX-PE 56308-F-2203  
FL-PE-51737  
(972) 492-9500

Professional Engineer's seal provided only for verification of windload construction details.



NOTE: GLAZING DOES NOT SATISFY IMPACT DEBRIS REQUIREMENTS IN FBC

FL 15080 9 X 7

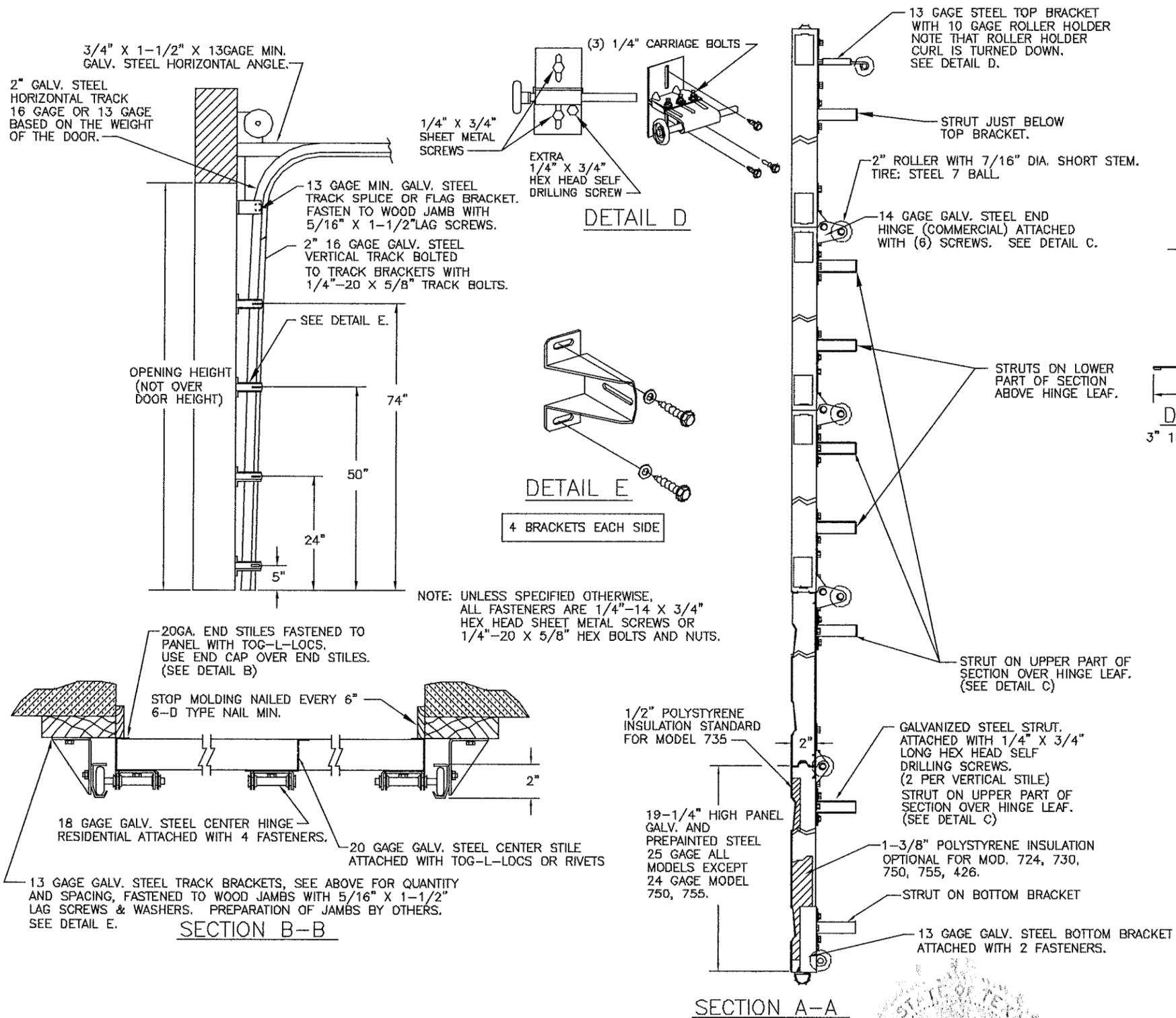
REV.	E.C.N.	DATE	APPROV.
D	REV LOGO & ADDRESS	1/28/13	
C		12/15/11	RLB
B	2866	3-10-08	RLB
A	2848	11-1-07	RLB
	2810	3-8-07	RLB

**W WINDSOR DOOR**

5800 SCOTT HAMILTON DR.  
LITTLE ROCK, AR 72209  
(501) 562-1872

MODELS:  
724, 426, 730, 735, 750, 755

PART NAME: WINDLOAD RESIDENTIAL PAN DOOR W3 C		DWG. NO. 99-B-083	
NEXT LEVEL	DATE: 2/27/07	DRN. BY BH	
SCALE NONE	PLOT SCALE	SHEET 1 OF 4	



P.S.F. TABLE

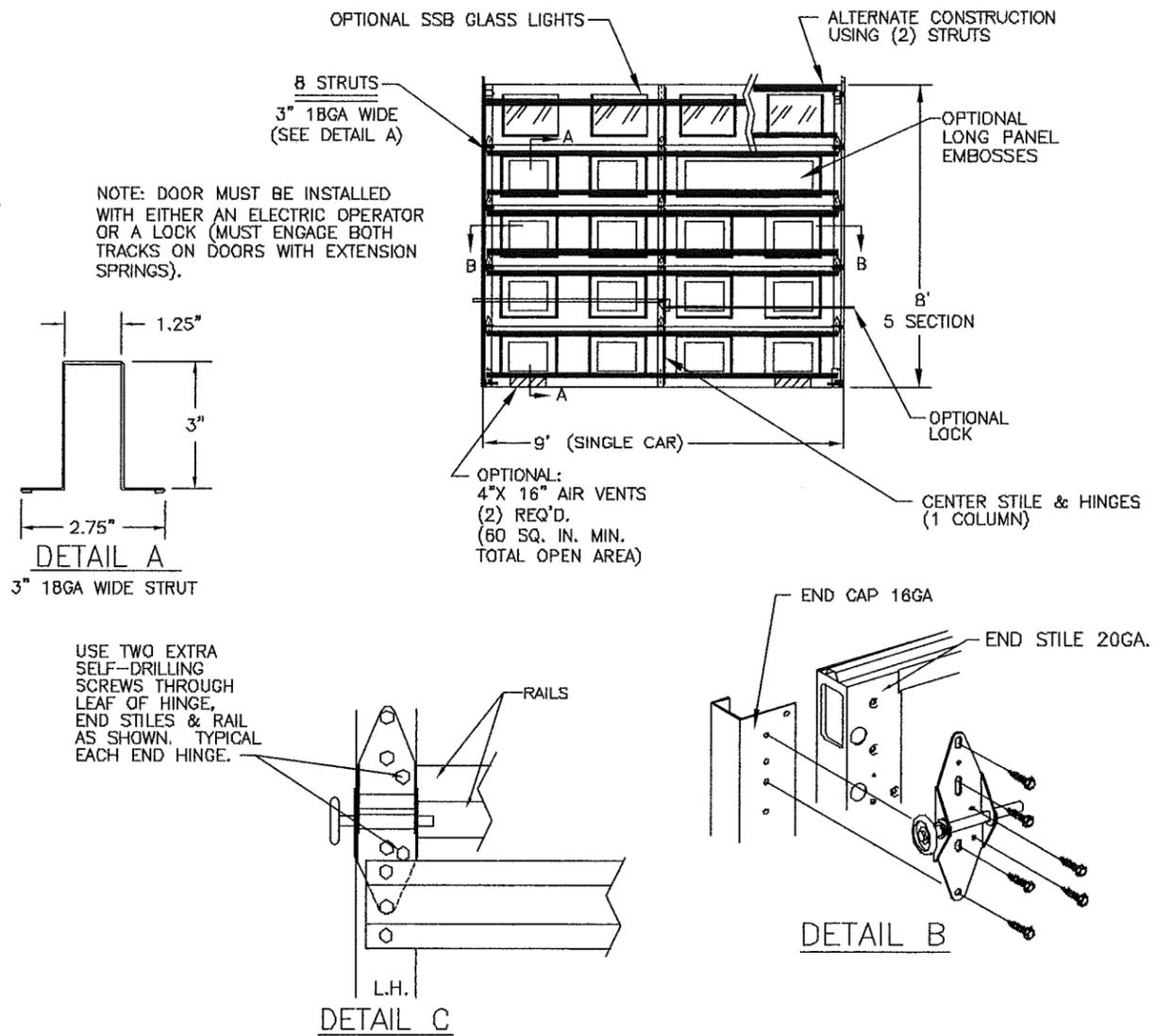
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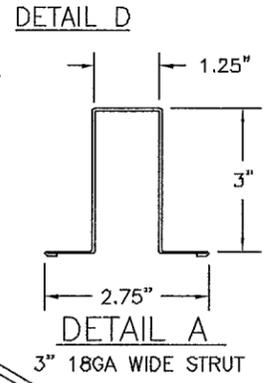
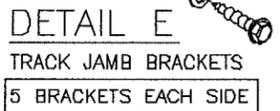
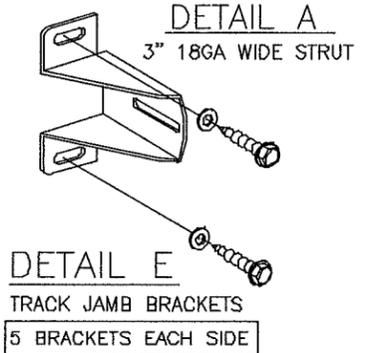
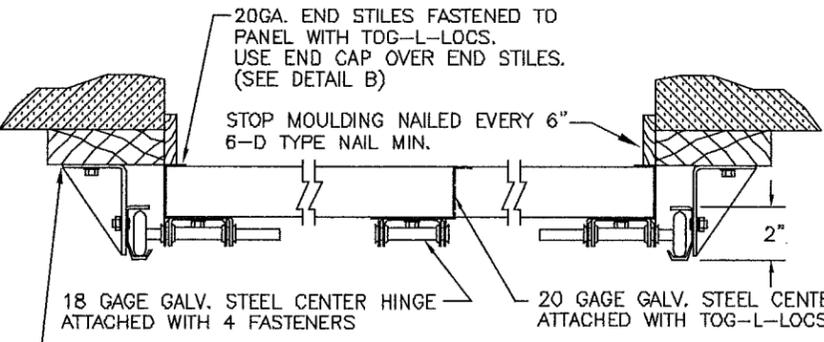
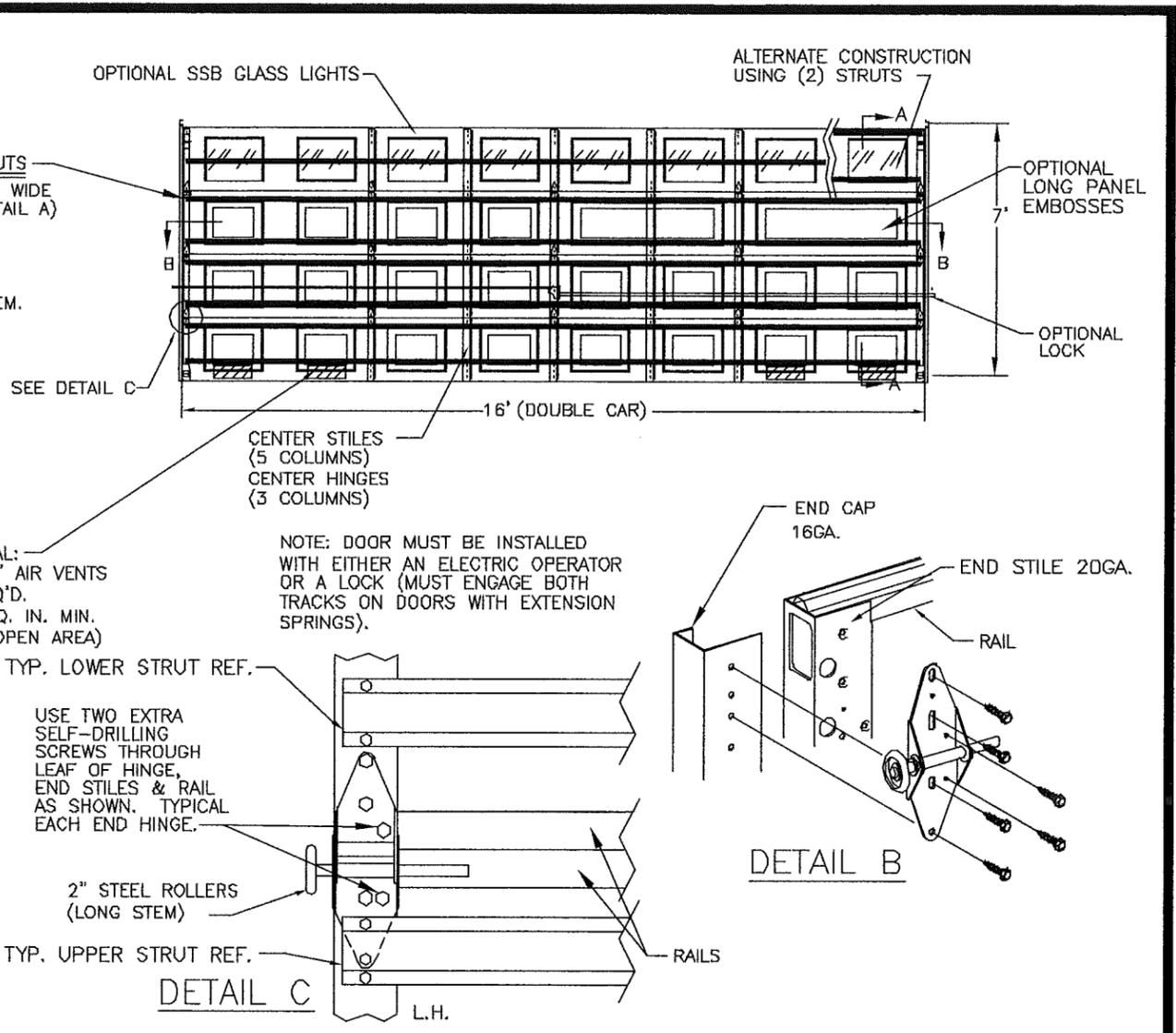
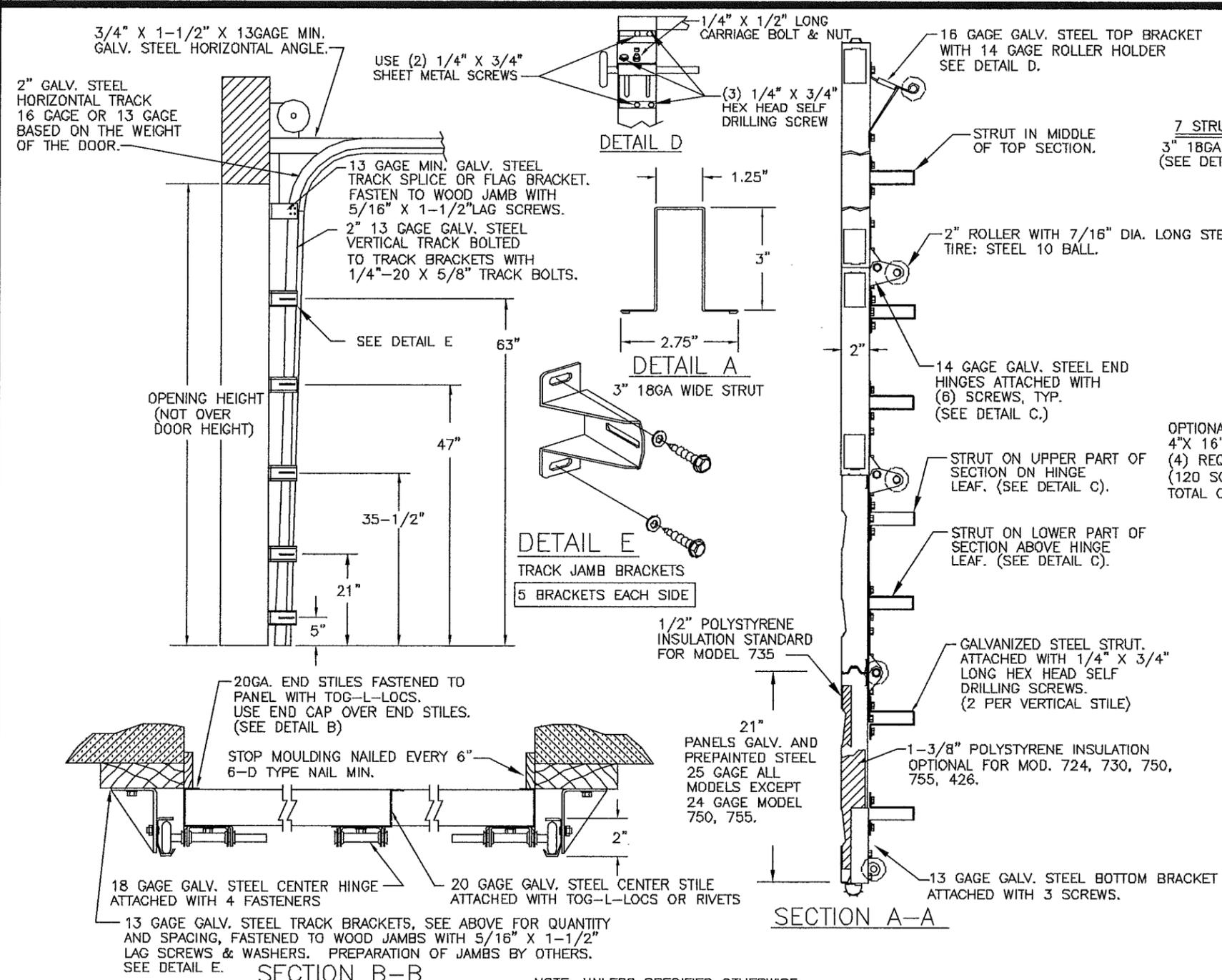
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NEXT LEVEL	DATE: 2/27/07	DWG. NO. 99-B-083
SCALE NONE	DRN. BY BH	SHEET 2 OF 4



SECTION A-A

SECTION B-B

NOTE: UNLESS SPECIFIED OTHERWISE, ALL FASTENERS ARE 1/4\"-14 X 3/4\" HEX HEAD SHEET METAL SCREWS OR 1/4\"-20 X 5/8\" HEX BOLTS AND NUTS.

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16 X 7

P.S.F. TABLE					
DOOR SIZE		DESIGN PRESSURE		TEST PRESSURE	
WIDTH	HEIGHT	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
16'-0"	7'-0"	+35.3	-38.9	+53.0	-58.4

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2/1/13  
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724, 426, 730, 735, 750, 755

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SCALE NONE	PLOT SCALE	SHEET 3 OF 4	

3/4" X 1-1/2" X 13GAGE MIN. GALV. STEEL HORIZONTAL ANGLE.

USE (2) 1/4" X 3/4" SHEET METAL SCREWS

2" GALV. STEEL HORIZONTAL TRACK 16 GAGE OR 13 GAGE BASED ON THE WEIGHT OF THE DOOR.

13 GAGE MIN. GALV. STEEL TRACK SPLICE OR FLAG BRACKET. FASTEN TO WOOD JAMB WITH 5/16" X 1-1/2" LAG SCREWS.

2" 13 GAGE GALV. STEEL VERTICAL TRACK BOLTED TO TRACK BRACKETS WITH 1/4"-20 X 5/8" TRACK BOLTS.

SEE DETAIL E

OPENING HEIGHT (NOT OVER DOOR HEIGHT)

74"

58"

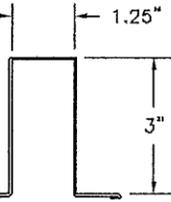
44"

30"

16"

5"

DETAIL D



2.75"

3" 18GA WIDE STRUT

1.25"

3"

2"

16 GAGE GALV. STEEL TOP BRACKET WITH 14 GAGE ROLLER HOLDER SEE DETAIL D.

STRUT IN MIDDLE OF TOP SECTION.

2" ROLLER WITH 7/16" DIA. LONG STEM. TIRE: STEEL 10 BALL.

STRUT ON UPPER PART OF SECTION ON HINGE LEAF. (SEE DETAIL C).

STRUT ON LOWER PART OF SECTION ABOVE HINGE LEAF. (SEE DETAIL C).

14 GAGE GALV. STEEL END HINGES ATTACHED WITH (6) SCREWS, TYP. (SEE DETAIL C.)

STRUT ON UPPER PART OF SECTION ON HINGE LEAF. (SEE DETAIL C).

STRUT ON LOWER PART OF SECTION ABOVE HINGE LEAF. (SEE DETAIL C).

STRUT ON UPPER PART OF SECTION ON HINGE LEAF. (SEE DETAIL C).

STRUT ON LOWER PART OF SECTION ABOVE HINGE LEAF. (SEE DETAIL C).

GALVANIZED STEEL STRUT. ATTACHED WITH 1/4" X 3/4" LONG HEX HEAD SELF DRILLING SCREWS. (2 PER VERTICAL STILE)

1-3/8" POLYSTYRENE INSULATION OPTIONAL FOR MOD. 724, 730, 750, 755, 426.

13 GAGE GALV. STEEL BOTTOM BRACKET ATTACHED WITH 3 SCREWS.

1/2" POLYSTYRENE INSULATION STANDARD FOR MODEL 735

19-1/4" PANELS GALV. AND PREPAINTED STEEL 25 GAGE ALL MODELS EXCEPT 24 GAGE MODEL 750, 755.

SECTION A-A

OPTIONAL SSB GLASS LIGHTS

ALTERNATE CONSTRUCTION USING (2) STRUTS

9 STRUTS 3" 18GA WIDE (SEE DETAIL A)

SEE DETAIL C

OPTIONAL: 4" X 16" AIR VENTS (4) REQ'D. (120 SQ. IN. MIN. TOTAL OPEN AREA)

TYP. LOWER STRUT REF.

USE TWO EXTRA SELF-DRILLING SCREWS THROUGH LEAF OF HINGE, END STILES & RAIL AS SHOWN. TYPICAL EACH END HINGE.

2" STEEL ROLLERS (LONG STEM)

TYP. UPPER STRUT REF.

L.H.

DETAIL C

DETAIL B

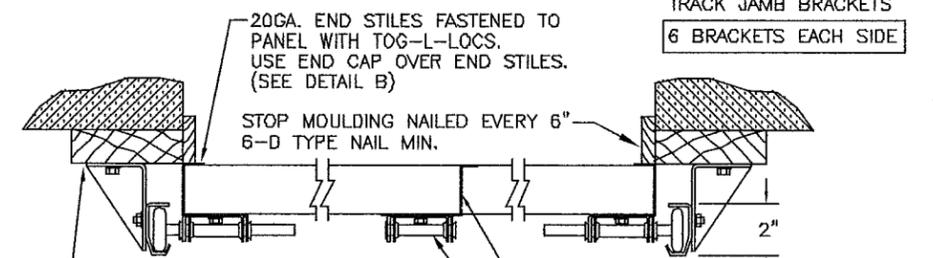
NOTE: DOOR MUST BE INSTALLED WITH EITHER AN ELECTRIC OPERATOR OR A LOCK (MUST ENGAGE BOTH TRACKS ON DOORS WITH EXTENSION SPRINGS).

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SECTION B-B

20GA. END STILES FASTENED TO PANEL WITH TOG-L-LOCS. USE END CAP OVER END STILES. (SEE DETAIL B)

STOP MOULDING NAILED EVERY 6" 6-D TYPE NAIL MIN.

18 GAGE GALV. STEEL CENTER HINGE ATTACHED WITH 4 FASTENERS

20 GAGE GALV. STEEL CENTER STILE ATTACHED WITH TOG-L-LOCS OR RIVETS

13 GAGE GALV. STEEL TRACK BRACKETS, SEE ABOVE FOR QUANTITY AND SPACING, FASTENED TO WOOD JAMBS WITH 5/16" X 1-1/2" LAG SCREWS & WASHERS. PREPARATION OF JAMBS BY OTHERS. SEE DETAIL E.

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SHEET 4 OF 4

SCALE NONE

PLOT SCALE