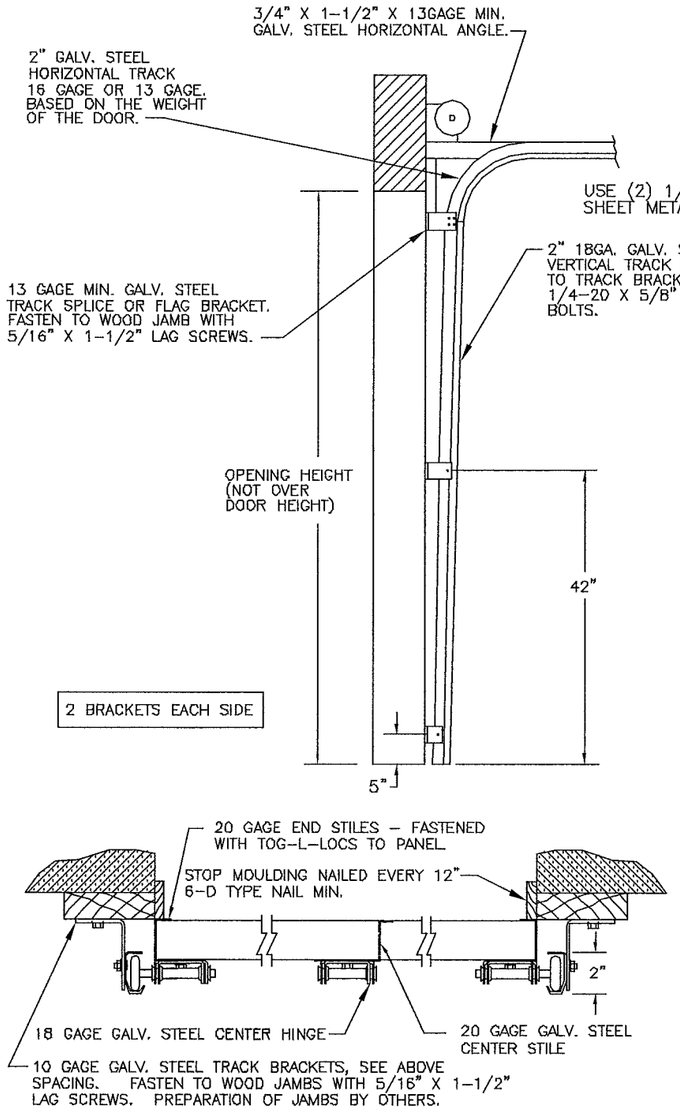
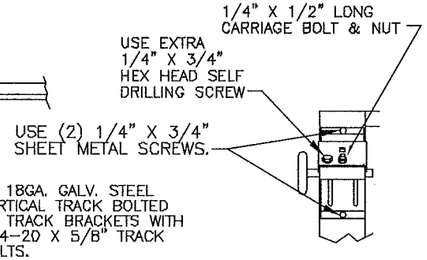
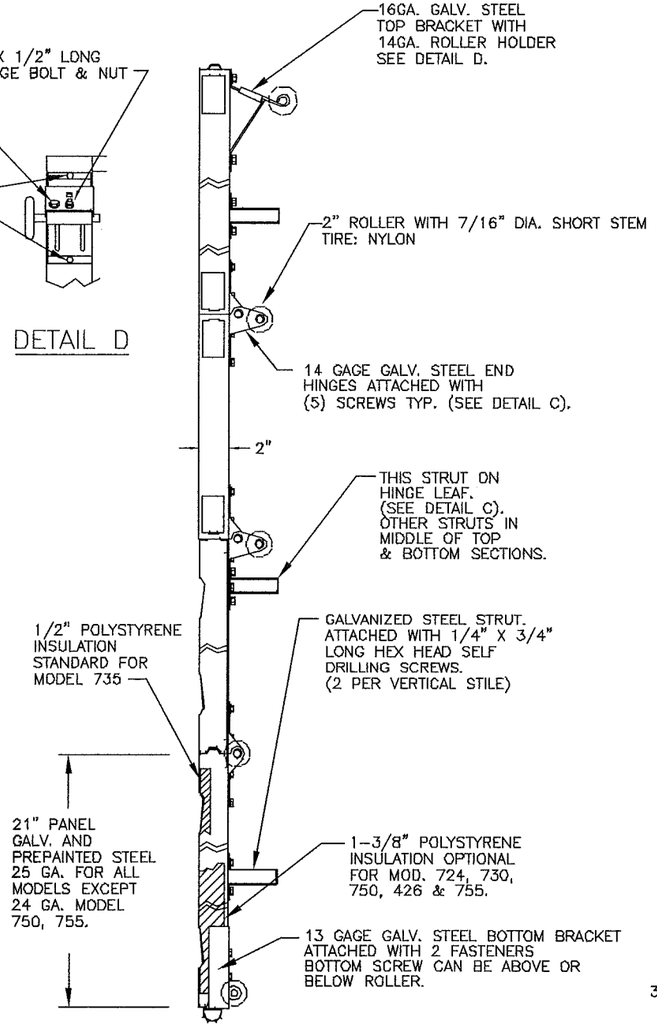
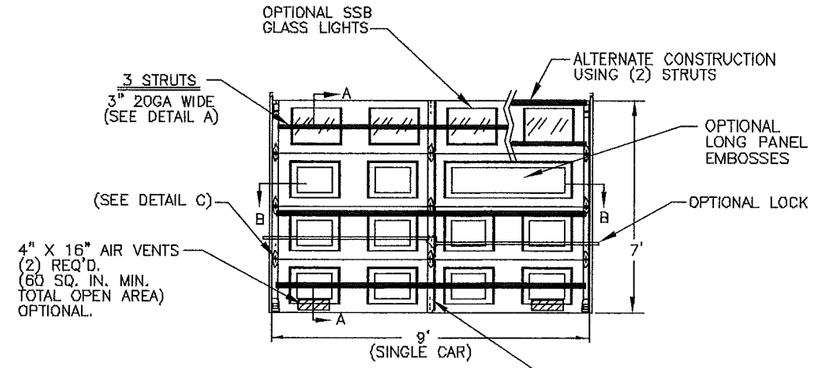




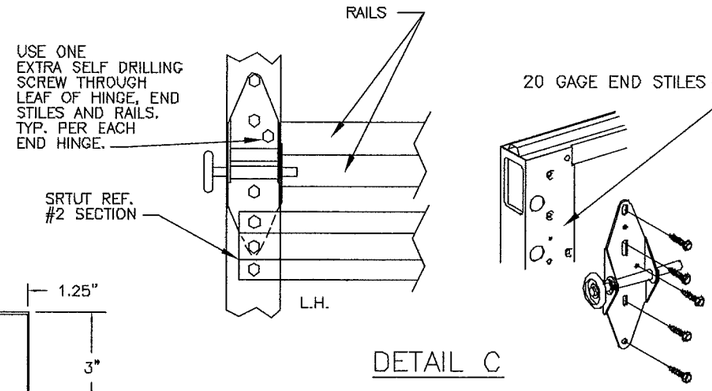
DETAIL D



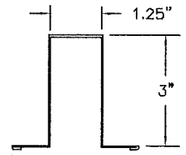
SECTION A-A



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



DETAIL C



DETAIL A
3" 20GA WIDE STRUT

SECTION B-B

P.S.F. TABLE					
DOOR SIZE		DESIGN PRESSURE		TEST PRESSURE	
WIDTH	HEIGHT	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
9'-0"	7'-0"	+22.9	-26.4	+34.4	-39.6

NOTE: ALL NON-DESCRIPTIVE FASTENERS SHOWN TO BE 1/4"-20 X 5/8" HEX BOLTS & NUTS OR 1/4" X 3/4" LONG HEX HEAD SHEET METAL SCREWS.

NOTE: GLAZING DOES NOT SATISFY IMPACT DEBRIS REQUIREMENTS IN FBC

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

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Carrollton, TX 75007
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FL-PE-51737
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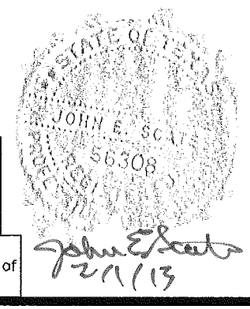


REV.	E.C.N.	DATE	APPROV.
D	REV LOGO & ADDRESS	1/28/13	
C	———	12/15/11	RLB
B	2866	3/10/08	RLB
A	2848	11/1/07	RLB
	2810	3-8-07	RLB

FL 15080

9 X 7

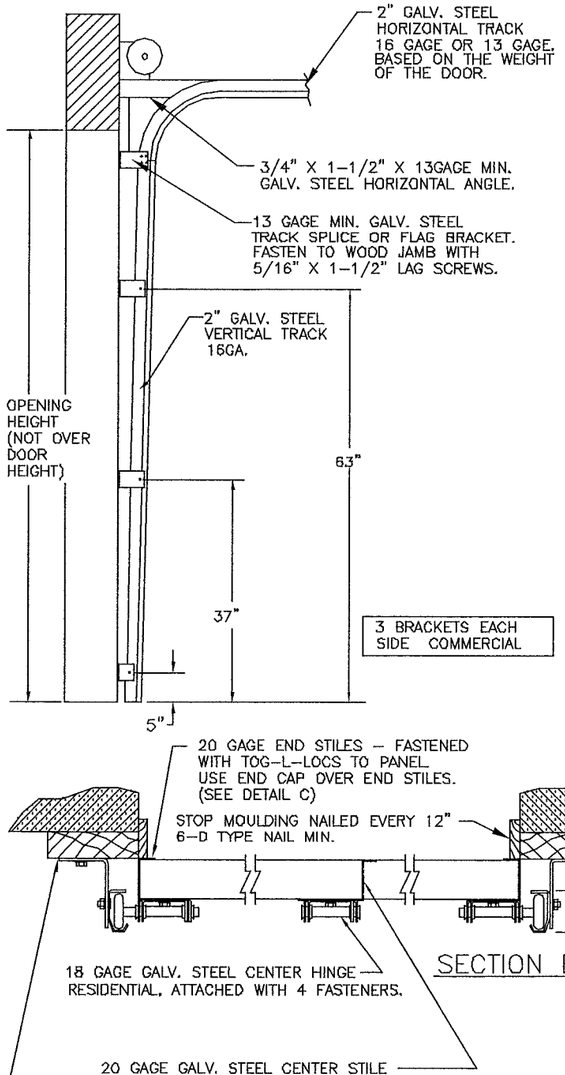
WINDSOR DOOR

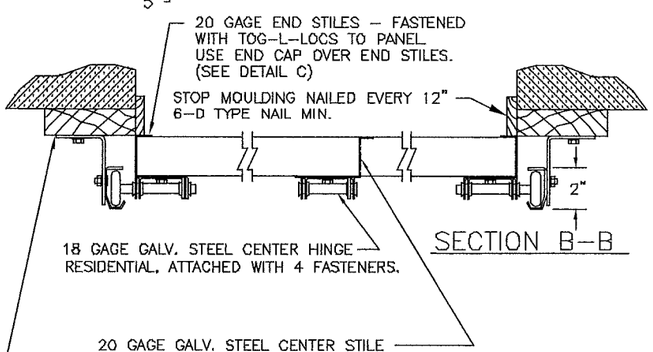
5800 SCOTT HAMILTON DR.
LITTLE ROCK, AR
72209
(501) 562-1872

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

PART NAME:
WINDLOAD RESIDENTIAL PAN DOOR
W2 B

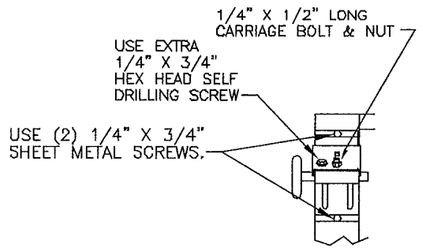
SCALE	PLOT SCALE	DRN. BY	DWG. NO.
NONE		BH	99-B-080
	NEXT LEVEL	DATE: 2/27/07	SHEET 1 OF 6



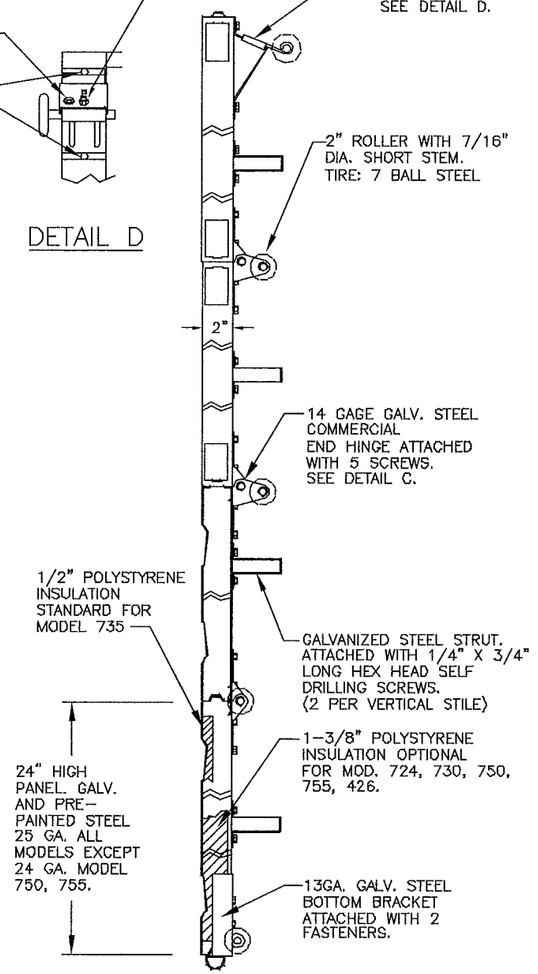


SECTION B-B

P.S.F. TABLE					
DOOR SIZE		DESIGN PRESSURE		TEST PRESSURE	
WIDTH	HEIGHT	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
9'-0"	8'-0"	+22.9	-26.4	+34.4	-39.6

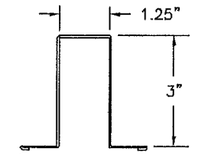


DETAIL D



SECTION A-A

NOTE: ALL NON-DESCRIPTIVE FASTENERS SHOWN TO BE 1/4"-20 X 5/8" HEX BOLTS & NUTS OR 1/4" X 3/4" LONG HEX HEAD SHEET METAL SCREWS.



DETAIL A
3" 20GA WIDE STRUT

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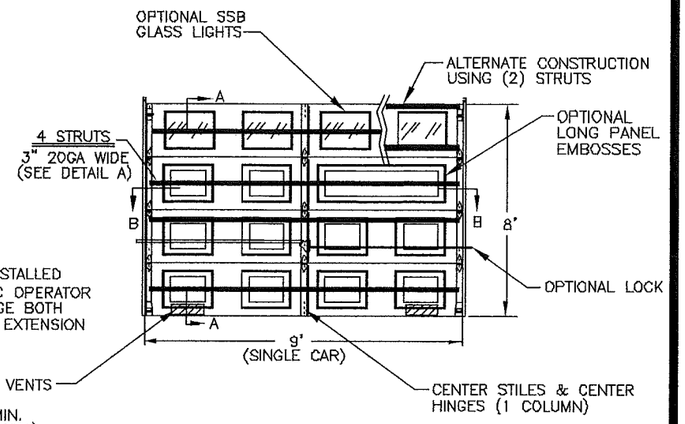
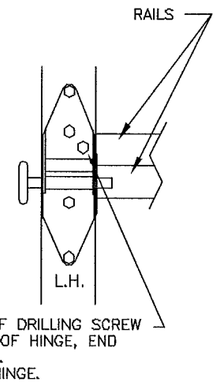
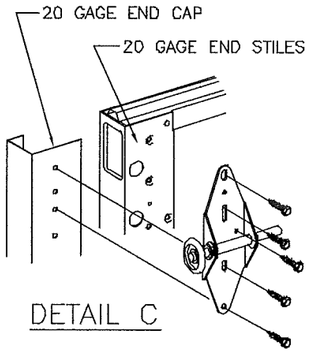




USE ONE EXTRA SELF DRILLING SCREW THROUGH TOP LEAF OF HINGE, END STILE, CAP AND RAIL. TYPICAL EACH END HINGE.



DETAIL C

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FL 15080

9 X 8

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

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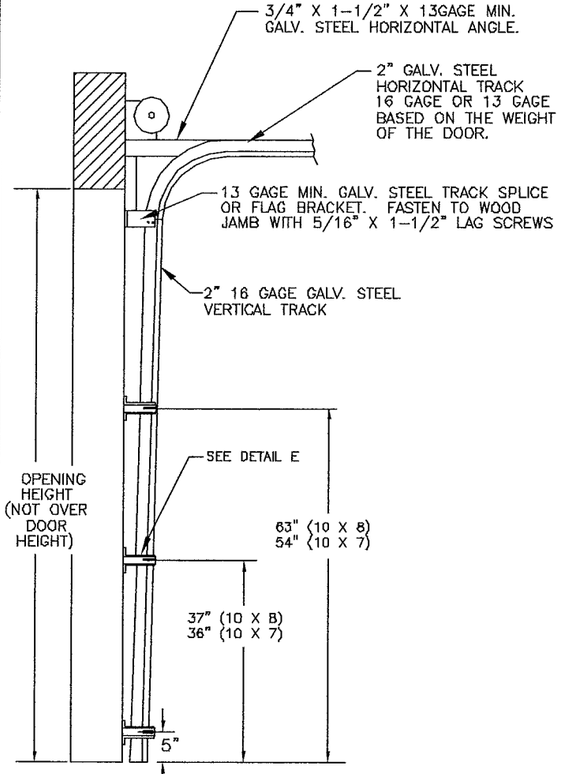
MODELS:
724, 426, 730, 735, 750, 755

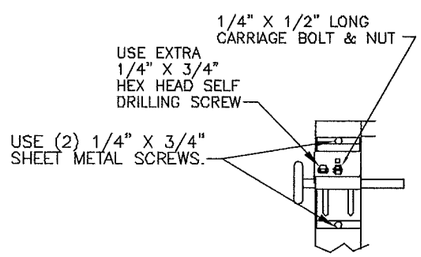
PART NAME:
WINDLOAD RESIDENTIAL PAN DOOR
W2 B

SCALE	PLOT SCALE	DRN. BY	DWG. NO.
NONE		BH	99-B-080
	NEXT LEVEL	DATE: 2/27/07	SHEET 2 OF 6

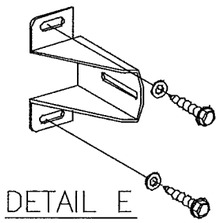


SECTION B-B

P.S.F. TABLE					
DOOR SIZE		DESIGN PRESSURE		TEST PRESSURE	
WIDTH	HEIGHT	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
10'-0"	7'-0"	+27.0	-30.5	+40.5	-45.8
10'-0"	8'-0"	+27.0	-30.5	+40.5	-45.8

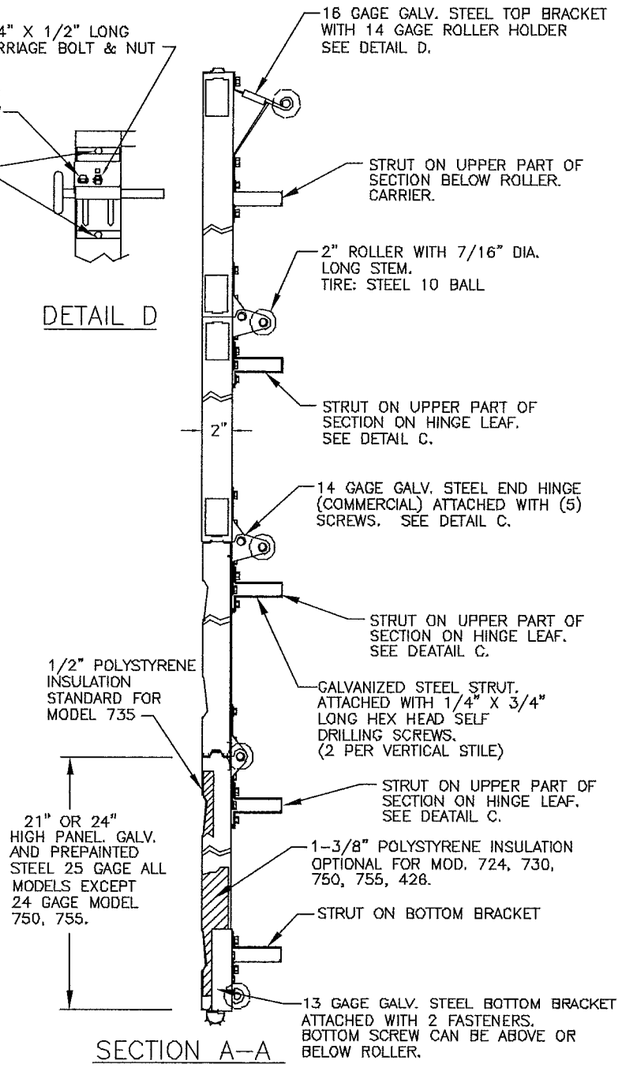


DETAIL D

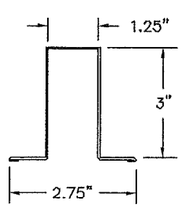


DETAIL E

3 BRACKETS EACH SIDE



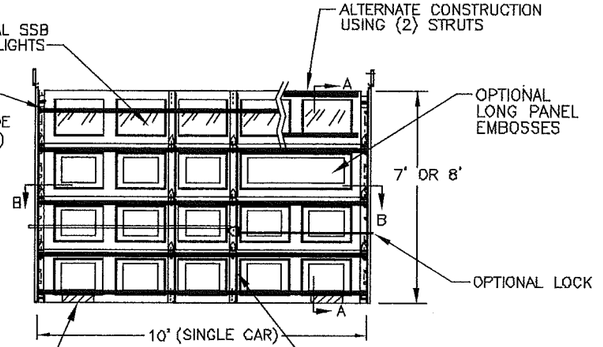
SECTION A-A

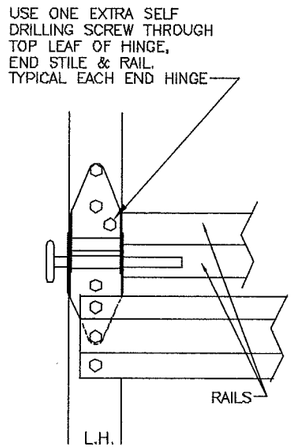


DETAIL A

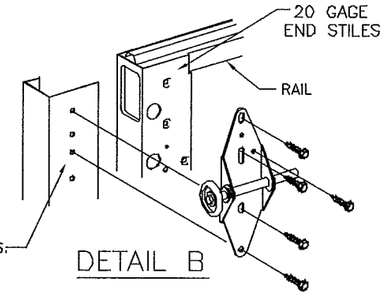
3" 20GA WIDE STRUT

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





DETAIL C



DETAIL B

NOTE: GLAZING DOES NOT SATISFY IMPACT DEBRIS REQUIREMENTS IN FBC

FL 15080

10 X 7

10 X 8

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

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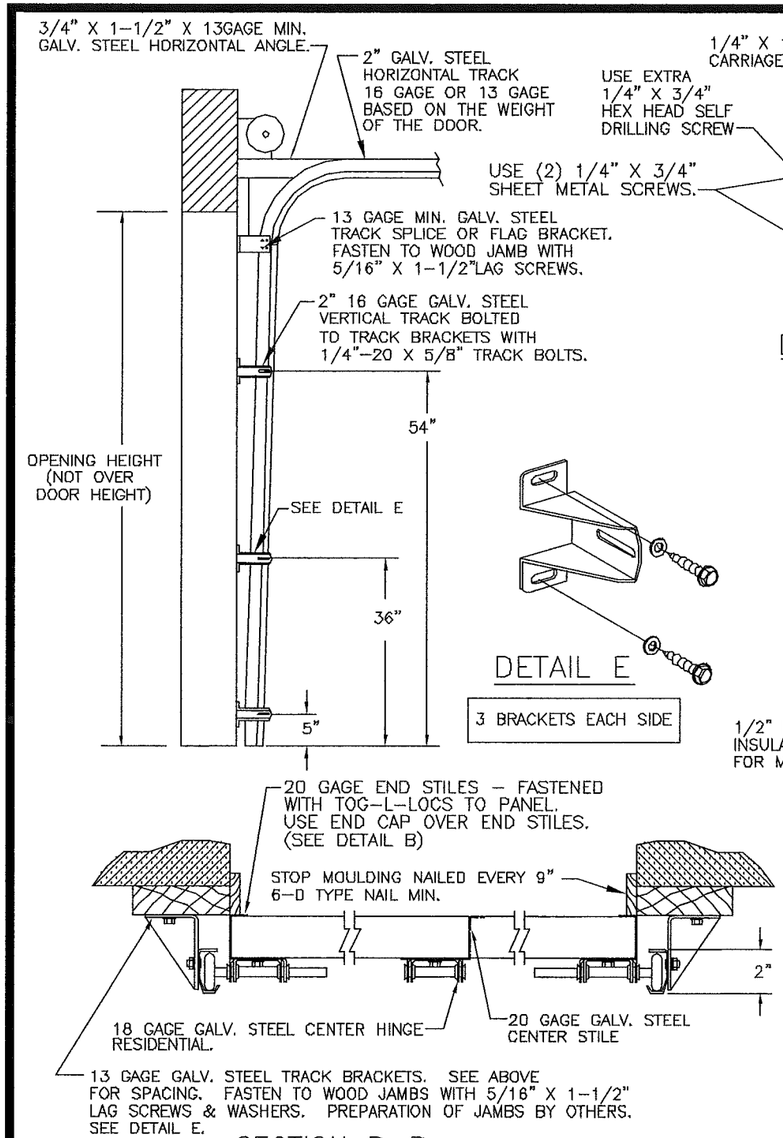
LITTLE ROCK, AR
72209
(501) 562-1872

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

PART NAME:
WINDLOAD RESIDENTIAL PAN DOOR
W2 B

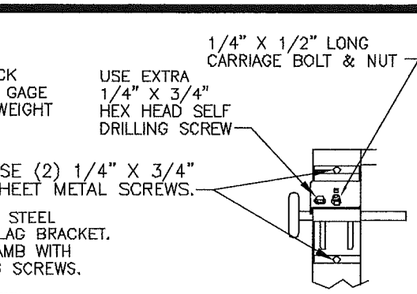
SCALE	PLOT SCALE	DRN. BY	DWG. NO.
NONE	NEXT LEVEL	BH	99-B-080
		DATE: 2/27/07	SHEET 3 OF 6



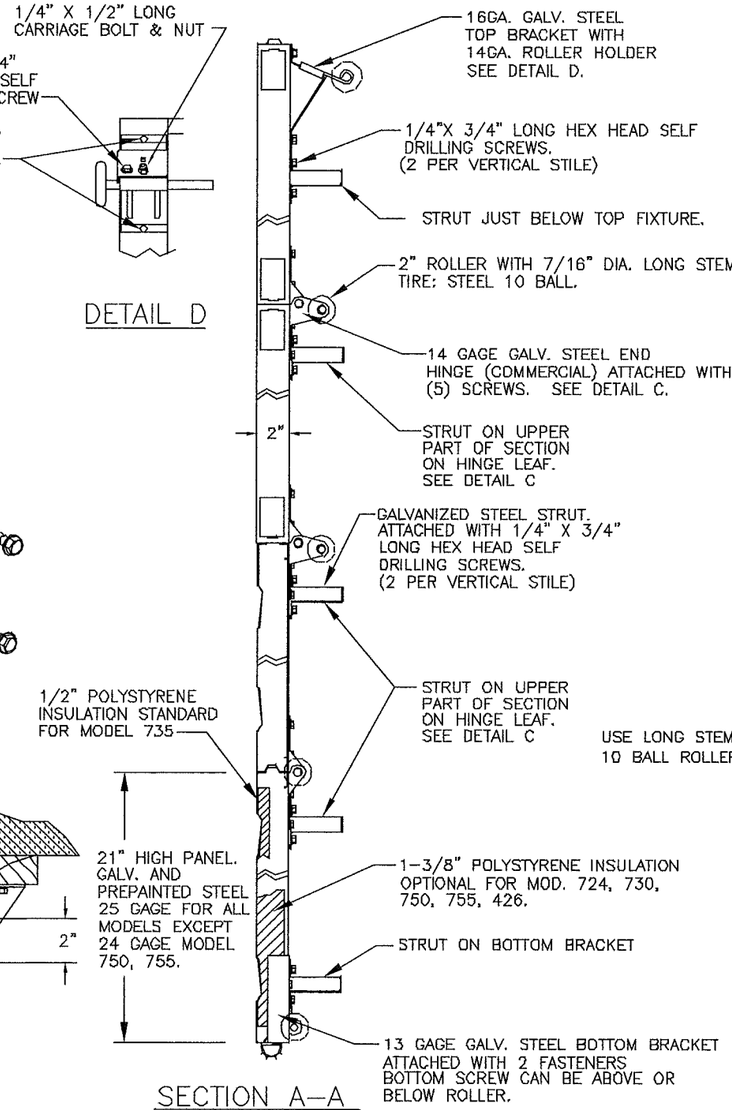
SECTION B-B

DETAIL E

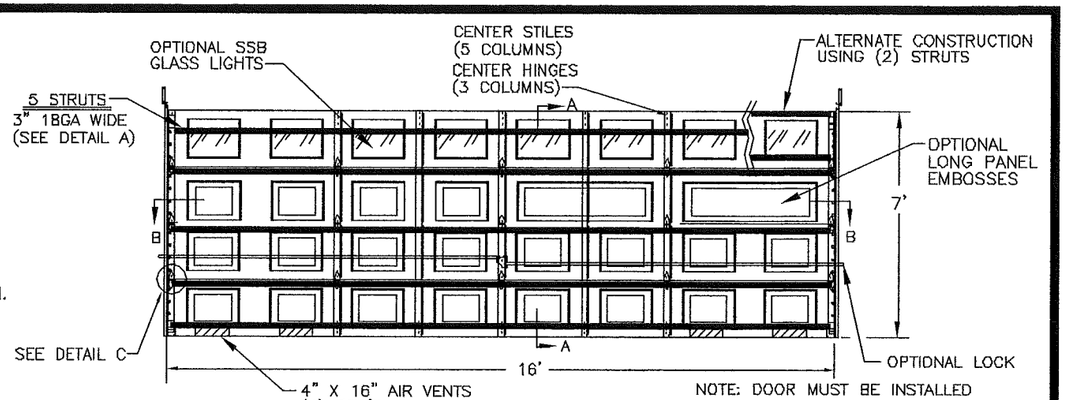
3 BRACKETS EACH SIDE



DETAIL D



SECTION A-A



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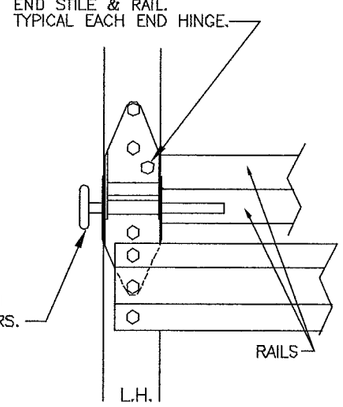
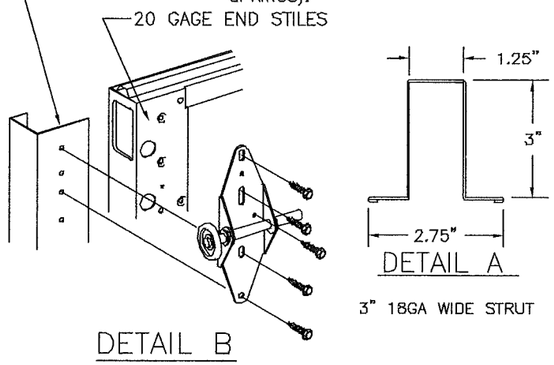


DETAIL C



DETAIL B

DETAIL A

3" 18GA WIDE STRUT

DOOR SIZE		P.S.F. TABLE			
		DESIGN PRESSURE		TEST PRESSURE	
WIDTH	HEIGHT	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
16'-0"	7'-0"	+22.2	-25.0	+33.3	-37.5

NOTE: ALL NON-DESCRIPTIVE FASTENERS SHOWN TO BE 1/4"-20 X 5/8" HEX BOLTS & NUTS OR 1/4" X 3/4" LONG HEX HEAD SHEET METAL SCREWS.

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FL 15080

16 X 7

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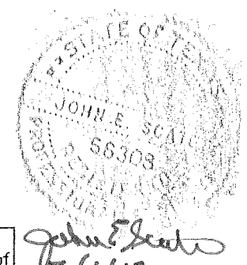

2/11/13

REV.	E.C.N.	DATE	APPROV.
D	REV LOGO & ADDRESS	1/28/13	
C	———	12/15/11	RLB
B	2866	3/10/08	RLB
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WINDSOR DOOR

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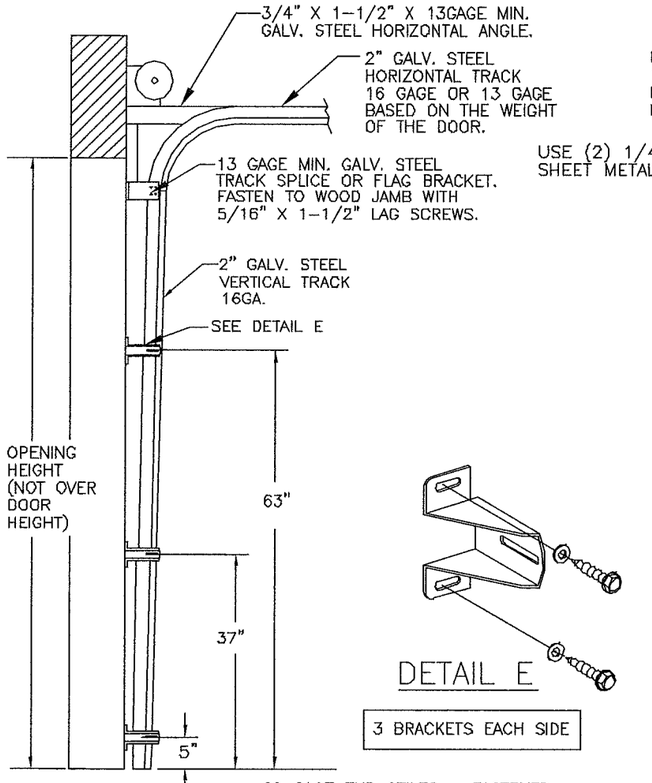
MODELS:
724, 426, 730, 735, 750, 755

PART NAME:
WINDLOAD RESIDENTIAL PAN DOOR
W2 B

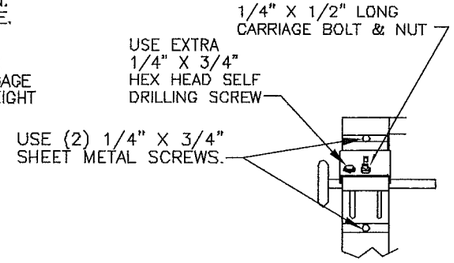
SCALE	PLOT SCALE	DRN. BY	DWG. NO.
NONE		BH	99-B-080
	NEXT LEVEL	DATE: 2/27/07	SHEET 4 OF 6



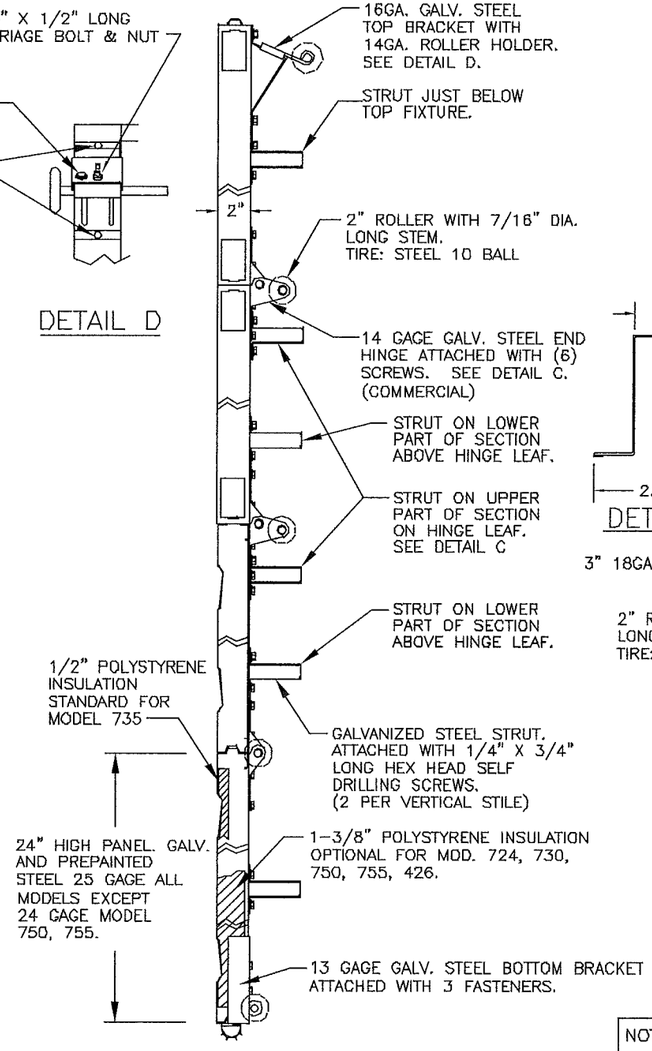
SECTION B-B

DETAIL E

3 BRACKETS EACH SIDE



DETAIL D



SECTION A-A

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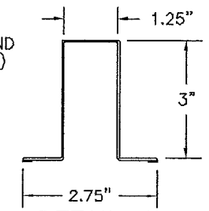
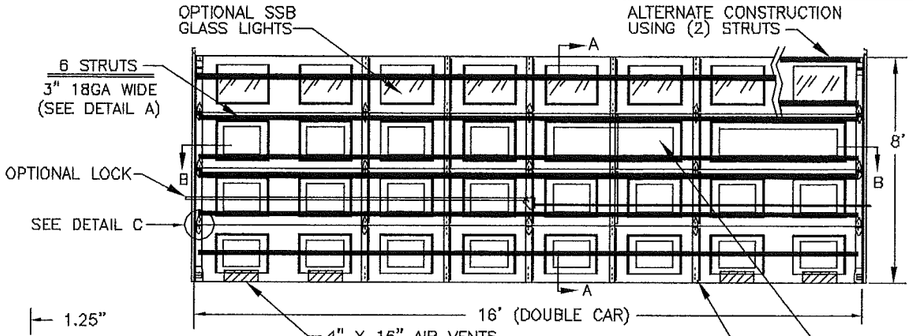
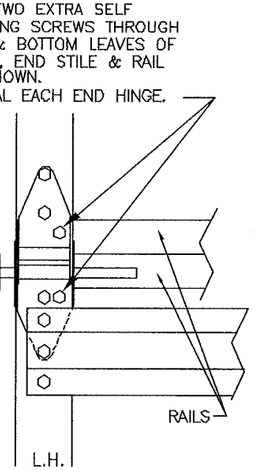


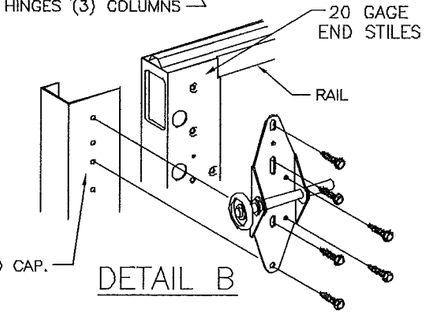
DETAIL A

3" 18GA WIDE STRUT





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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FL 15080

16 X 8

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DOOR SIZE		DESIGN PRESSURE		TEST PRESSURE	
WIDTH	HEIGHT	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
16'-0"	8'-0"	+22.2	-25.0	+33.3	-37.5

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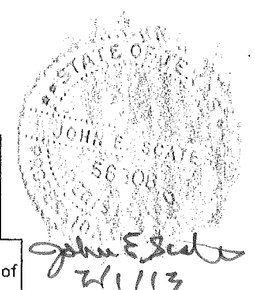

REV.	E.C.N.	DATE	APPROV.
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C	———	12/15/11	RLB
B	2866	3/10/08	RLB
A	2848	11/1/07	RLB
	2810	3-8-07	RLB

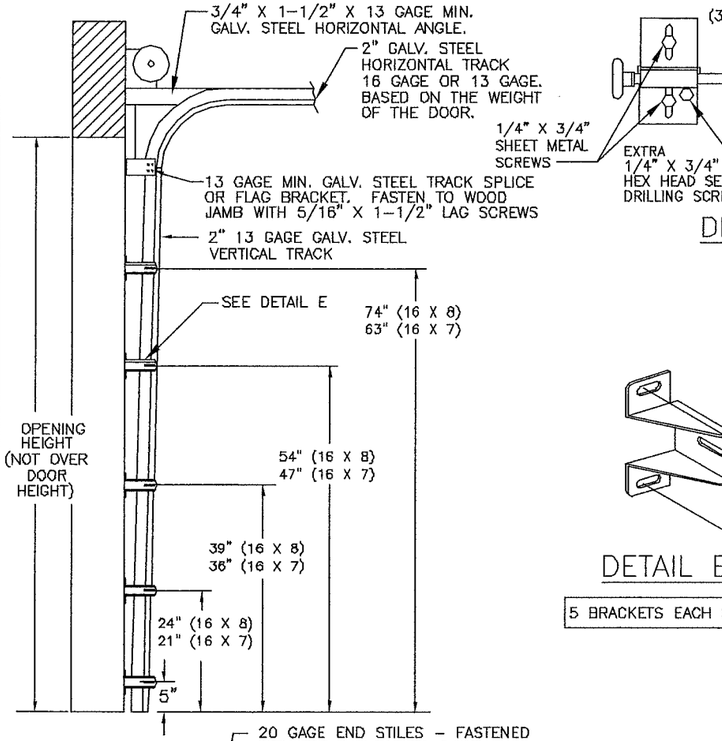
WINDSOR DOOR

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

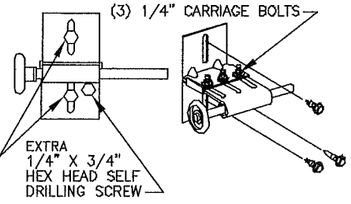
MODELS:
724, 426, 730, 735, 750, 755

PART NAME:
WINDLOAD RESIDENTIAL PAN DOOR
W2 B

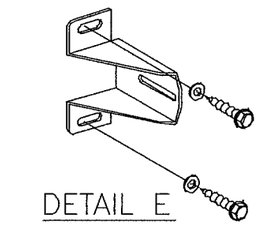
SCALE	PLOT SCALE	DRN. BY	DWG. NO.
NONE	NEXT LEVEL	BH	99-B-080
		DATE: 2/27/07	SHEET 5 OF 6



SECTION B-B

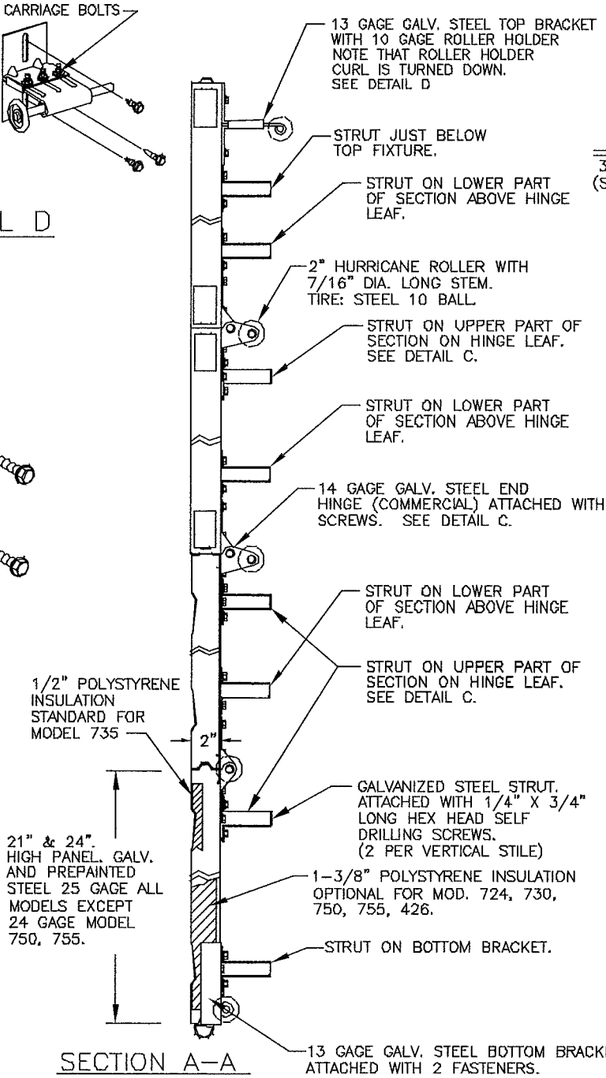


DETAIL D

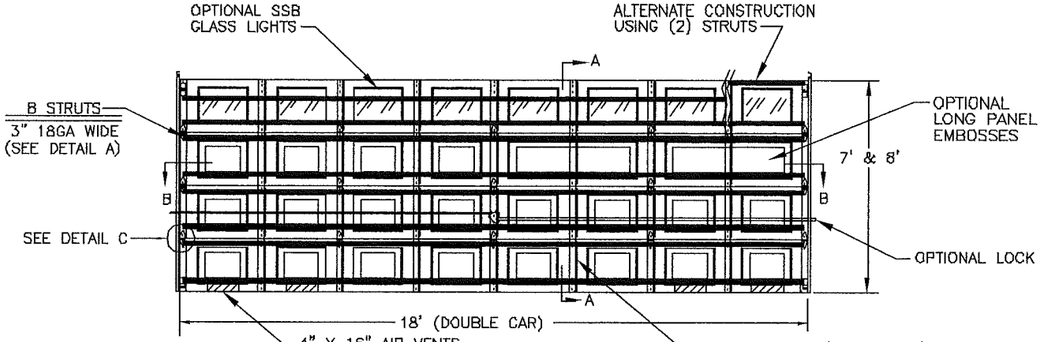


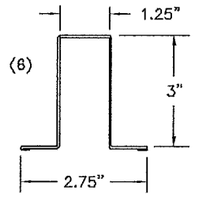
DETAIL E

5 BRACKETS EACH SIDE



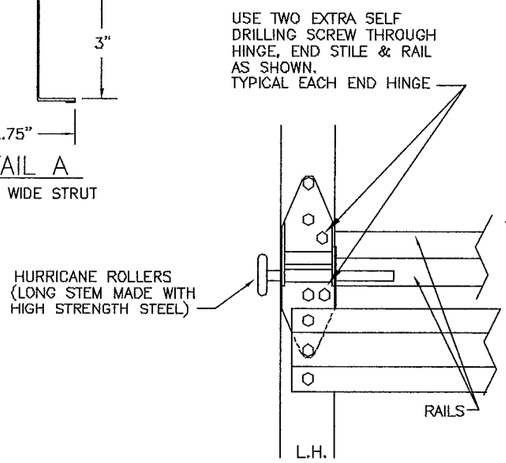
SECTION A-A



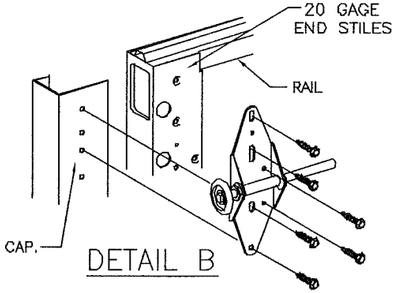


DETAIL A

3" 18GA WIDE STRUT



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).

NOTE: ALL NON-DESCRIPTIVE FASTENERS SHOWN TO BE 1/4"-20 X 5/8" HEX BOLTS & NUTS OR 1/4" X 3/4" LONG HEX HEAD SHEET METAL SCREWS.

NOTE: GLAZING DOES NOT SATISFY IMPACT DEBRIS REQUIREMENTS IN FBC

FL 15080

18 X 7

18 X 8

P.S.F. TABLE					
DOOR SIZE		DESIGN PRESSURE		TEST PRESSURE	
WIDTH	HEIGHT	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
18'-0"	7'-0"	+26.0	-29.1	+39.0	-43.7
18'-0"	8'-0"	+26.0	-29.1	+39.0	-43.7

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.

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

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

PART NAME:
WINDLOAD RESIDENTIAL PAN DOOR
W2 B

SCALE	PLOT SCALE	DRN. BY	DWG. NO.
NONE		BH	99-B-080
	NEXT LEVEL	DATE: 2/27/07	SHEET 6 OF 6