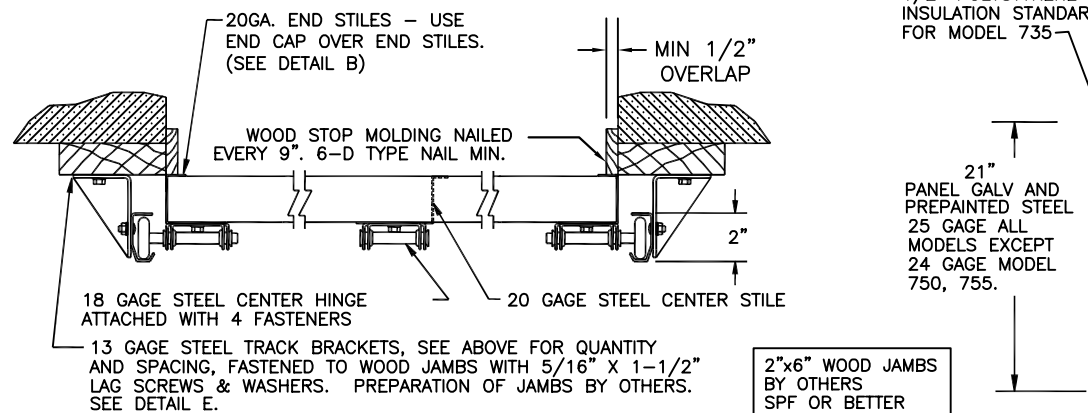
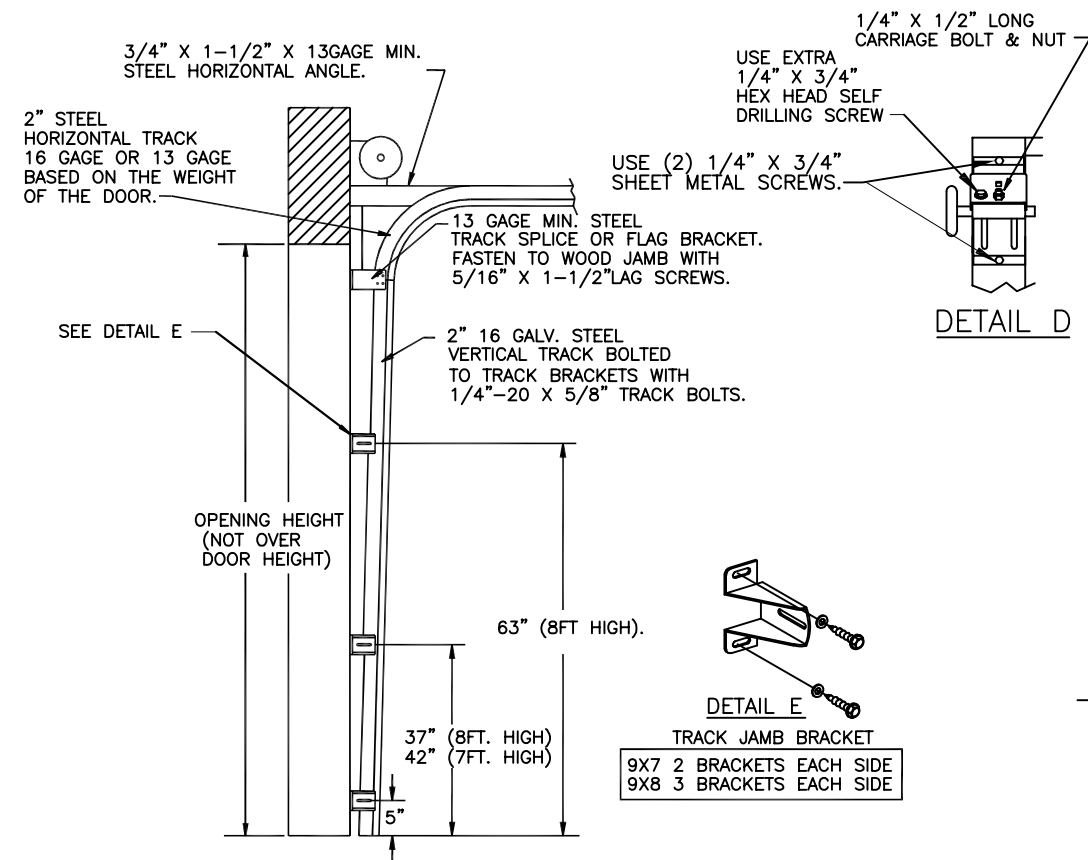




SECTION B-B

P.S.F. TABLE					
DOOR SIZE		DESIGN PRESSURE		TEST PRESSURE	
WIDTH	HEIGHT	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
9'-0"	7'-0"	+31.2	-35.8	+46.8	-53.7
9'-0"	8'-0"	+31.2	-35.4	+46.8	-53.1

DOORS SHOWN ON THIS DRAWING HAVE BEEN DEMONSTRATED TO WITHSTAND THE PRESSURES LISTED IN THE TABLE ABOVE VIA TESTING TO ANSI/DASMA 108-05/12/17.

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

Digitally signed by John E Scates
Date: 2023.10.03 11:49:28 -05'00'

John E Scates PE
2560 King Arthur Blvd #124-54
Lewisville, TX 75056
TX-PE 56308, F-2203
FL-PE-51737

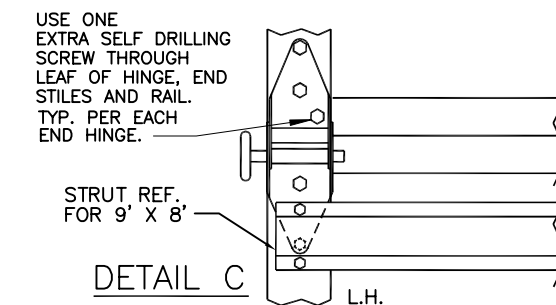
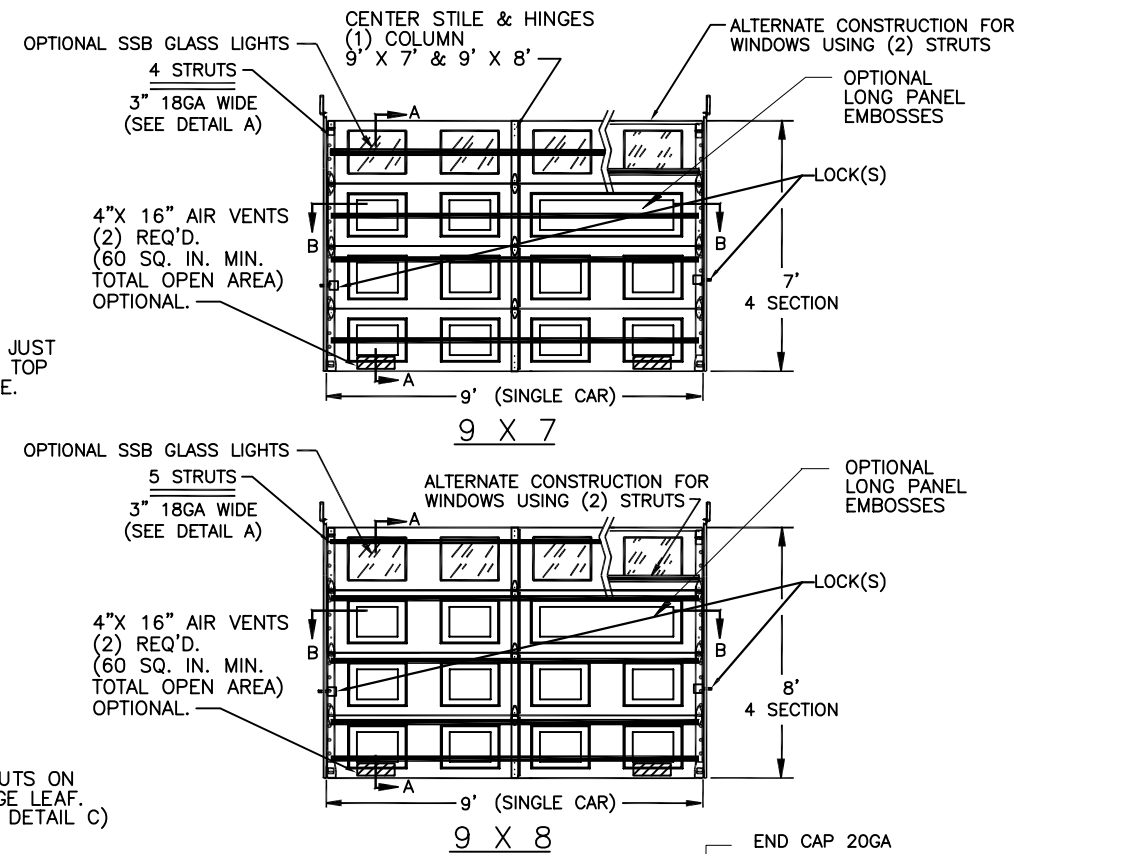
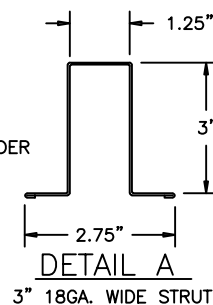
Professional Engineer's seal
provided only for verification of
windload construction details.

PRINTED COPIES OF THIS DOCUMENT ARE NOT
CONSIDERED SIGNED AND SEALED AND THE
SIGNATURE MUST BE VERIFIED ON ANY
ELECTRONIC COPIES.

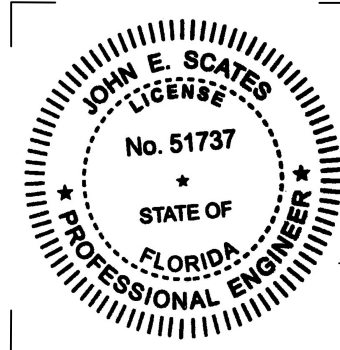
SECTION A-A

9 X 7

9 X 8



NOTE: GLAZING DOES NOT SATISFY IMPACT DEBRIS REQUIREMENTS IN FBC

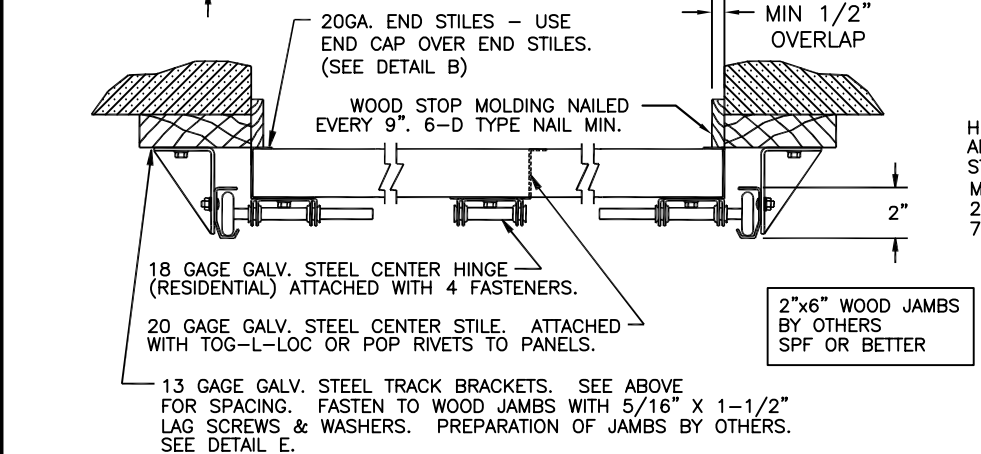
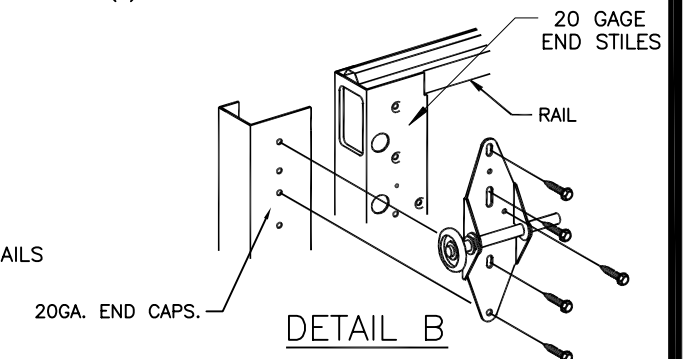
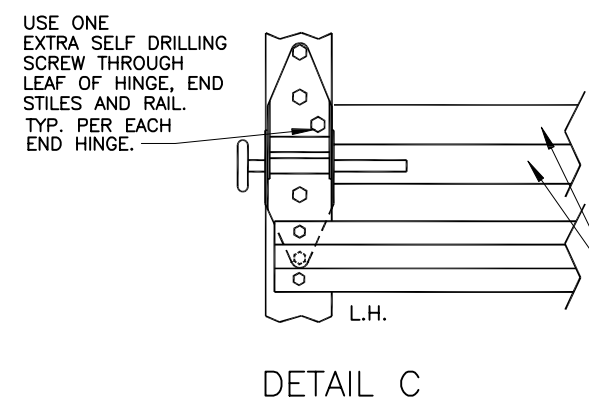
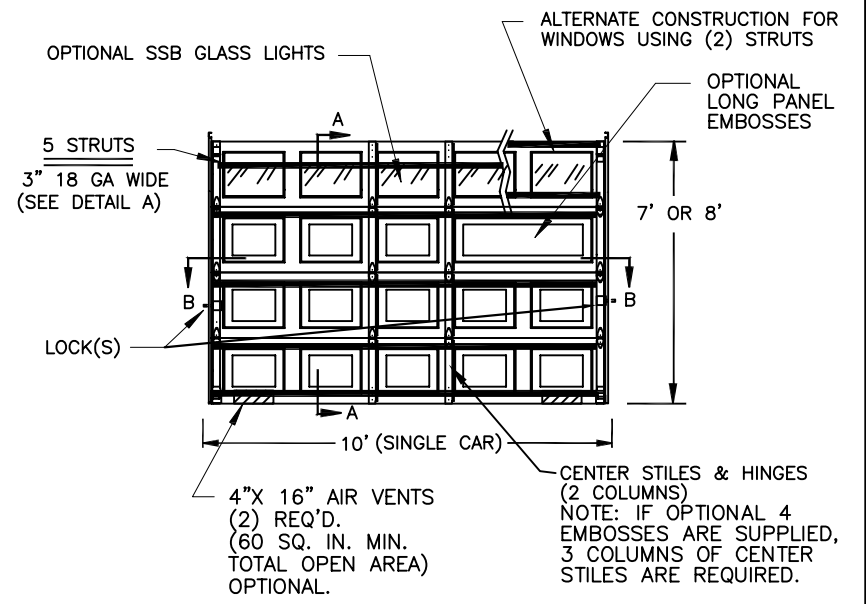
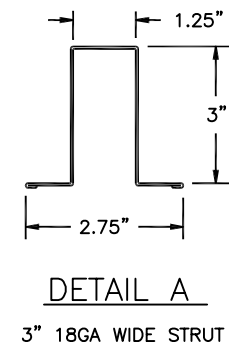
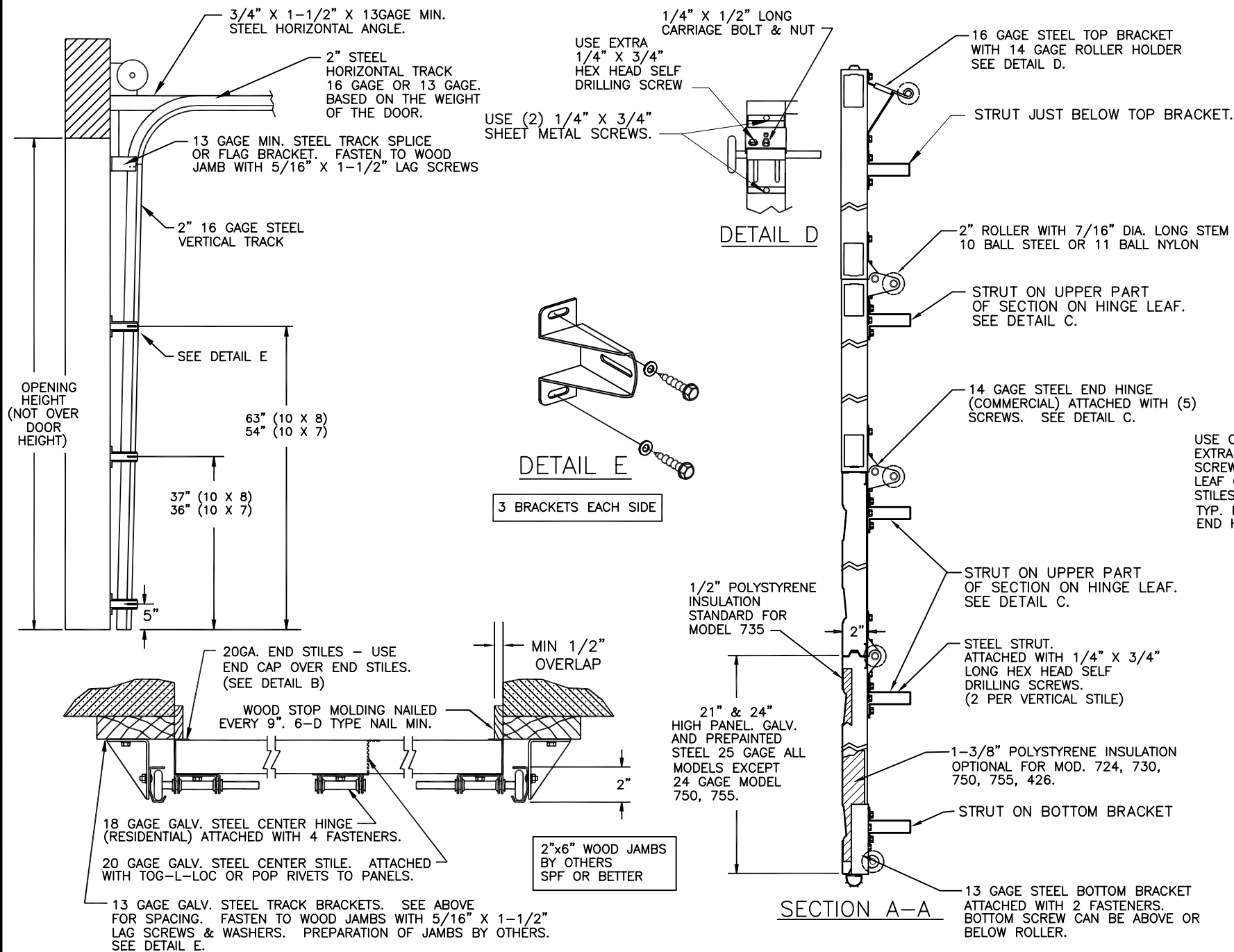


REV.	E.C.N.	DATE	APPROV.
E	ROLLER NOTES, PE ADDRESS	5/27/20	
D	REV LOGO & ADDRESS	1/28/13	
C		12/15/11	RLB
B	2866	3-10-08	RLB
A	2848	11-1-07	RLB
	2810	3-8-07	RLB

WINDSOR DOOR

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

MODELS:			
724, 426, 730, 735, 750, 755			
PART NAME:		TOLERANCE	
WINDLOAD RESIDENTIAL PAN DOORS		W2 C & W4 B	
NEXT LEVEL		DATE:	
		2/27/07	
PLOT SCALE		DWG. NO.	
		99-B-082	
SCALE		SHEET 1 OF 6	
NONE			



P.S.F. TABLE

DOOR SIZE		DESIGN PRESSURE		TEST PRESSURE	
WIDTH	HEIGHT	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
10'-0"	7'-0"	+31.2	-35.4	+46.8	-53.1
10'-0"	8'-0"	+31.2	-35.4	+46.8	-53.1

DOORS SHOWN ON THIS DRAWING HAVE BEEN DEMONSTRATED TO WITHSTAND THE PRESSURES LISTED IN THE TABLE ABOVE VIA TESTING TO ANSI/DASMA 108-05/12/17.

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

John E. Scates PE
2560 King Arthur Blvd #124-54
Lewisville, TX 75056
TX-PE 56308, F-2203
FL-PE-51737

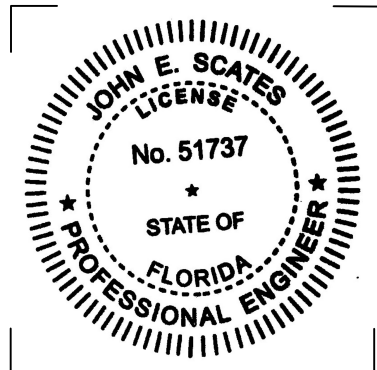
Professional Engineer's seal provided only for verification of windload construction details.

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.

USE COATED LAG SCREWS FOR TREATED LUMBER

TRACK BRACKETS MUST BE MOUNTED DIRECTLY TO A WOOD SURFACE

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.



NOTE: GLAZING DOES NOT SATISFY IMPACT DEBRIS REQUIREMENTS IN FBC

FL 15080

10 X 7
10 X 8

			5800 SCOTT HAMILTON DR. LITTLE ROCK, AR 72209 (501) 562-1872		
MODELS: 724, 426, 730, 735, 750, 755					
E ROLLER NOTES, PE ADDRESS 5/27/20					
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			
REV.	E.C.N.	DATE	APPROV.	SCALE NONE	
			PLOT SCALE	DATE: 2/27/07	DWG. NO. 99-B-082
			DRN. BY BH	SHEET 2 OF 6	



MODELS:			
724, 426, 730, 735, 750, 755			
	PART NAME: WINDLOAD RESIDENTIAL PAN DOORS		
TOLERANCE	W2 C & W4 B		
FRAC. $\pm 1/64"$ DEC. $\pm .015$ ANG. $\pm 1'$	NEXT LEVEL	DATE: 2/27/07	DWG. NO. 99-B-082
SCALE NONE	PLOT SCALE	DRN. BY BH	SHEET 3 OF 6

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

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

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

2" 13 GAGE 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"

53"

39"

24"

5"

20GA. END STILES - USE
END CAP OVER END STILES.
(SEE DETAIL B)

WOOD STOP MOLDING NAILED
EVERY 6". 6-D TYPE NAIL MIN.

18 GAGE STEEL CENTER HINGE
ATTACHED WITH 4 FASTENERS

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

13 GAGE 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.

SECTION B-B

P.S.F. TABLE

DOOR SIZE		DESIGN PRESSURE		TEST PRESSURE	
WIDTH	HEIGHT	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
16'-0"	8'-0"	+31.2	-34.0	+46.8	-51.0

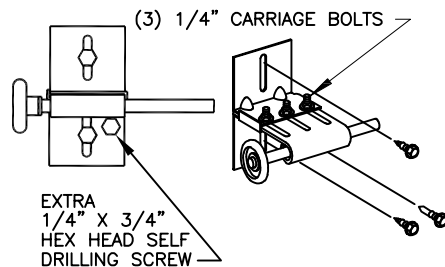
DOORS SHOWN ON THIS DRAWING HAVE BEEN DEMONSTRATED TO WITHSTAND THE PRESSURES
LISTED IN THE TABLE ABOVE VIA TESTING TO ANSI/DASMA 108-05/12/17.

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

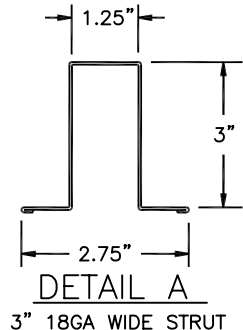
John E Scates PE
2560 King Arthur Blvd #124-54
Lewisville, TX 75056
TX-PE 56308, F-2203
FL-PE-51737

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

PRINTED COPIES OF THIS DOCUMENT ARE NOT
CONSIDERED SIGNED AND SEALED AND THE
SIGNATURE MUST BE VERIFIED ON ANY
ELECTRONIC COPIES.



DETAIL D



DETAIL A

DETAIL E

TRACK JAMB BRACKETS
5 BRACKETS EACH SIDE

1/2" POLYSTYRENE
INSULATION STANDARD
FOR MODEL 735

24" PANELS
GALV. AND
PREPAINTED STEEL
25 GAGE ALL
MODELS EXCEPT
24 GAGE MODEL
750, 755.

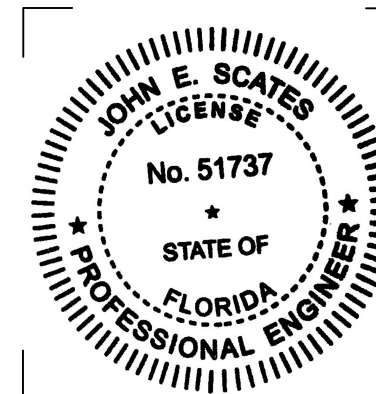
SECTION A-A

2"x6" WOOD JAMBS
BY OTHERS
SPF OR BETTER

USE COATED LAG SCREWS
FOR TREATED LUMBER

TRACK BRACKETS MUST BE MOUNTED
DIRECTLY TO A WOOD SURFACE

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.



13 GAGE STEEL TOP BRACKET
WITH 10 GAGE ROLLER HOLDER.
NOTE THAT ROLLER HOLDER
CURL IS TURNED DOWN.
SEE DETAIL D.

STRUT JUST BELOW
TOP BRACKET.

2" HIGH STRENGTH ROLLER WITH
7/16" DIA. LONG STEM.
10 BALL STEEL

14 GAGE STEEL END
HINGES (COMMERCIAL) 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.)

STEEL STRUT.
ATTACHED WITH 1/4" X 3/4"
LONG HEX HEAD SELF
DRILLING SCREWS.
(2 PER VERTICAL STILE)
STRUT ON UPPER PART OF
SECTION ON HINGE
LEAF. (SEE DETAIL C.)

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

STRUT ON BOTTOM BRACKET

13 GAGE STEEL BOTTOM BRACKET
ATTACHED WITH 2 SCREWS.

OPTIONAL SSB GLASS LIGHTS

ALTERNATE CONSTRUCTION FOR
WINDOWS USING (2) STRUTS

OPTIONAL
LONG PANEL
EMBOSESSES

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

LOCK(S)

SEE DETAIL C

CENTER STILES
(5 COLUMNS)
CENTER HINGES
(3 COLUMNS)

16' (DOUBLE CAR)

TYP. LOWER STRUT REF.

USE TWO EXTRA SELF DRILLING
SCREWS THROUGH TOP AND
BOTTOM LEAF OF HINGE,
END STILE & RAIL AS SHOWN.
TYPICAL EACH END HINGE.

TYP. UPPER STRUT REF.

DETAIL C

L.H.

END CAP
13GA.

RAILS

DETAIL B

END STILE 20GA.

RAIL

NOTE: DOOR MUST BE INSTALLED
WITH LOCK(S) THAT ENGAGE BOTH TRACKS

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

NOTE: GLAZING DOES NOT SATISFY IMPACT
DEBRIS REQUIREMENTS IN FBC

FL 15080

16 X 8

**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 DOORS
W2 C & W4 B

TOLERANCE

FRAC. ± 1/64"
DEC. ± .015
ANG. ± 1°

NEXT LEVEL

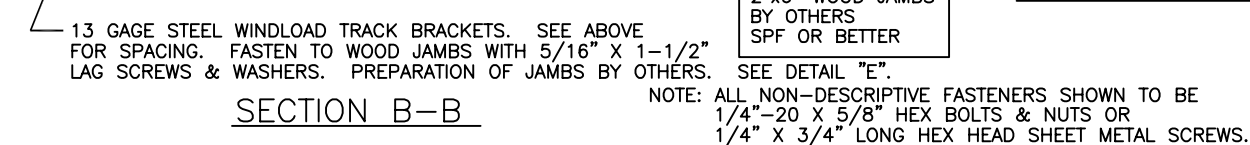
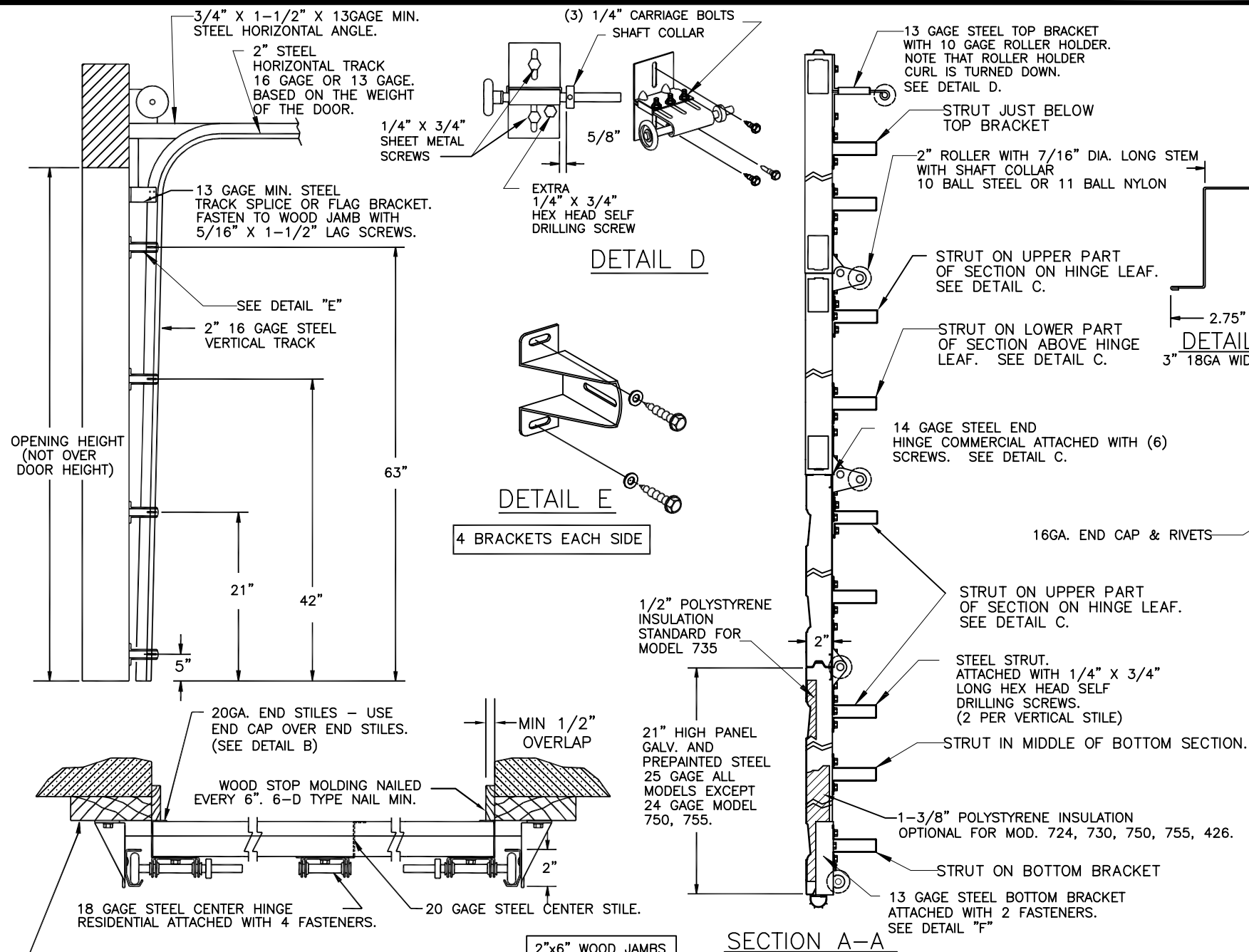
DATE:
2/27/07
DRN. BY
BH

DWG. NO.
99-B-082
SHEET 4 OF 6

E	ROLLER NOTES, PE ADDRESS	5/27/20
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
REV.	E.C.N.	DATE
		APPROV.

SCALE
NONE

PLOT SCALE



P.S.F. TABLE					
DOOR SIZE		DESIGN PRESSURE		TEST PRESSURE	
WIDTH	HEIGHT	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
18'-0"	7'-0"	+31.2	-34.0	+46.8	-51.0

DOORS SHOWN ON THIS DRAWING HAVE BEEN DEMONSTRATED TO WITHSTAND THE PRESSURES LISTED IN THE TABLE ABOVE VIA TESTING TO ANSI/DASMA 108-05/12/17.

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

John E Scates PE
2560 King Arthur Blvd #124-54
Lewisville, TX 75056
TX-PE 56308, F-2203
FL-PE-51737

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

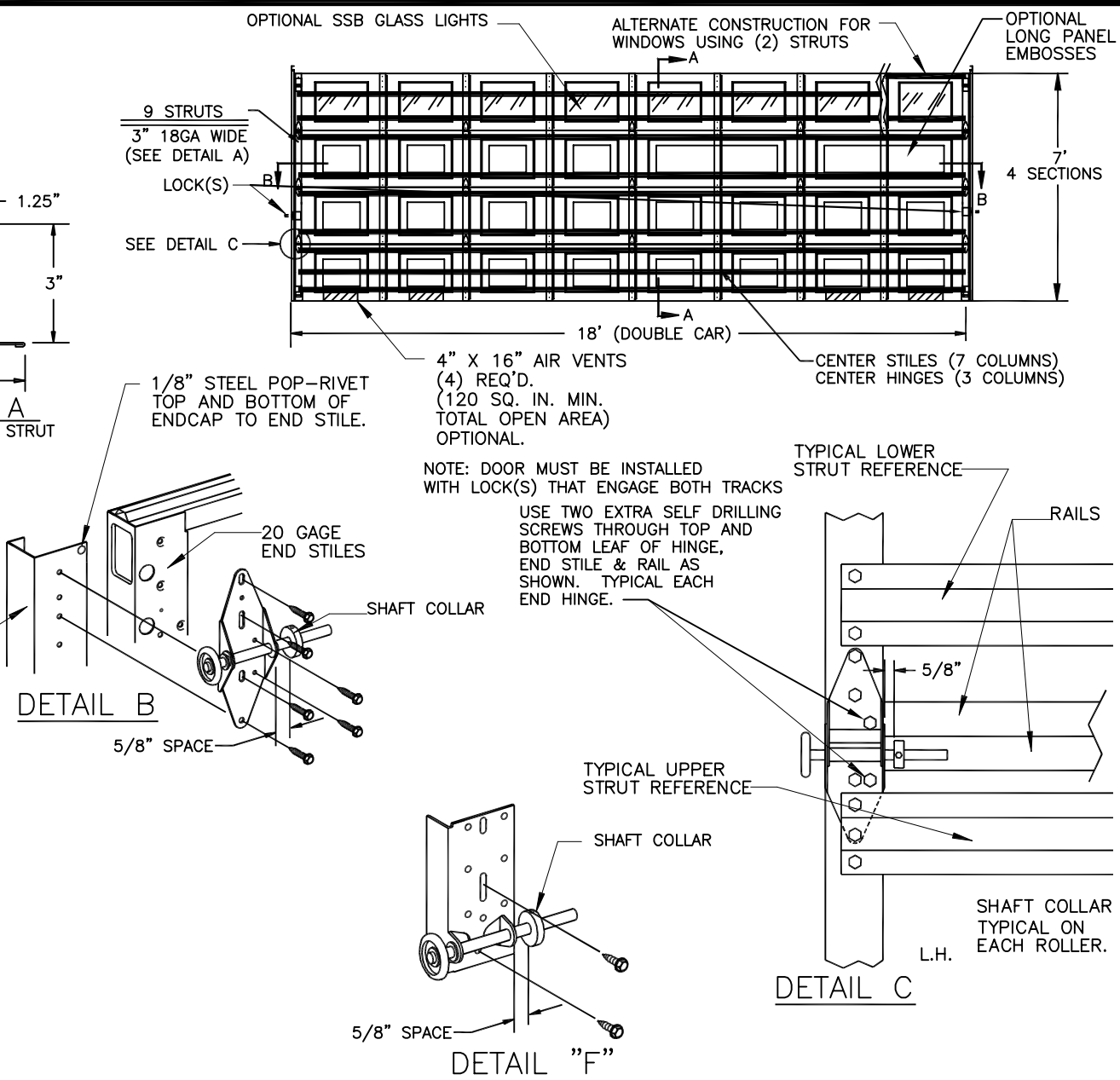
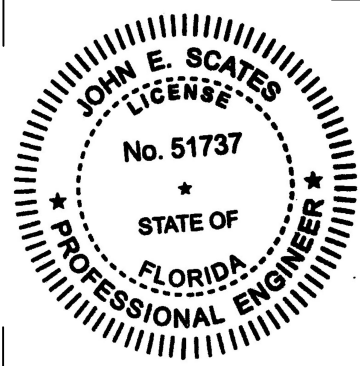
PRINTED COPIES OF THIS DOCUMENT ARE NOT
CONSIDERED SIGNED AND SEALED AND THE
SIGNATURE MUST BE VERIFIED ON ANY
ELECTRONIC COPIES.

USE COATED LAG SCREWS
FOR TREATED LUMBER

TRACK BRACKETS MUST BE MOUNTED
DIRECTLY TO A WOOD SURFACE

2"x6" WOOD JAMBS
BY OTHERS
SPF OR BETTER

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

REV.	E.C.N.	DATE	APPROV.
E	ROLLER NOTES, PE ADDRESS	5/27/20	
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

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

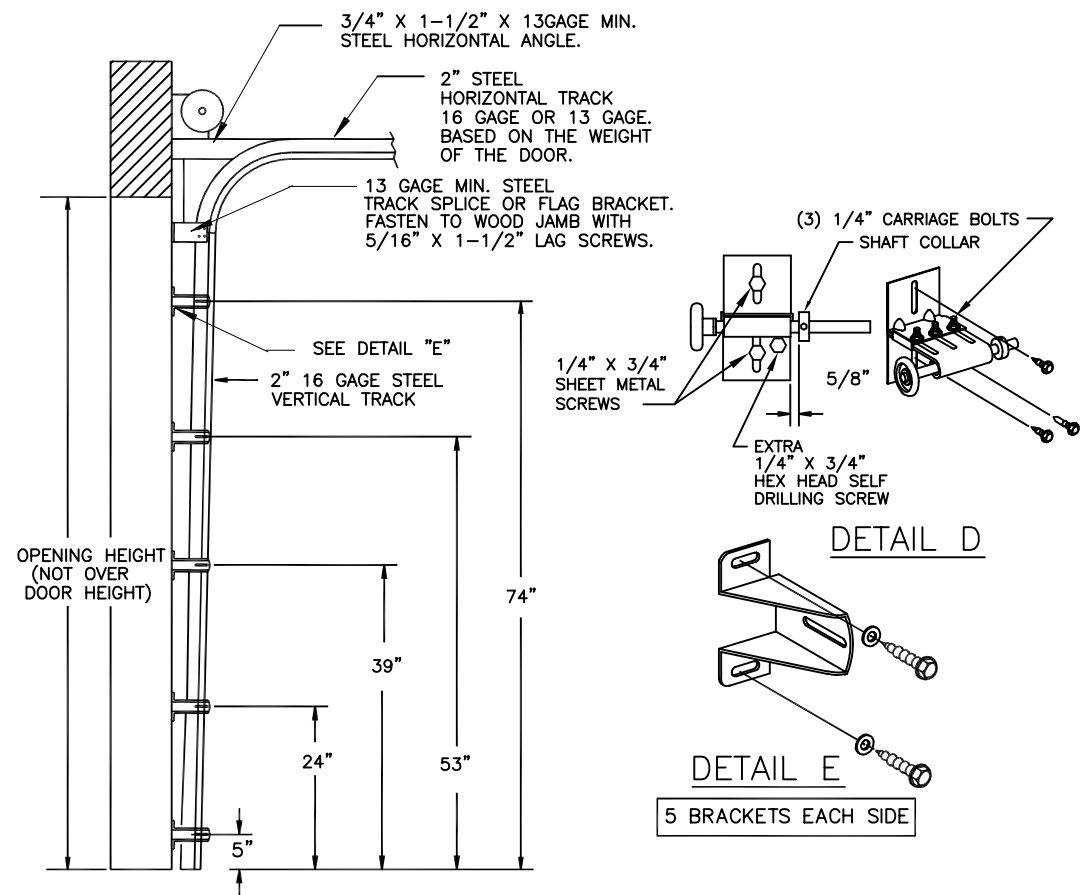
MODELS: 724, 426, 730, 735, 750, 755

PART NAME:
WINDLOAD RESIDENTIAL PAN DOORS
W2 C & W4 B

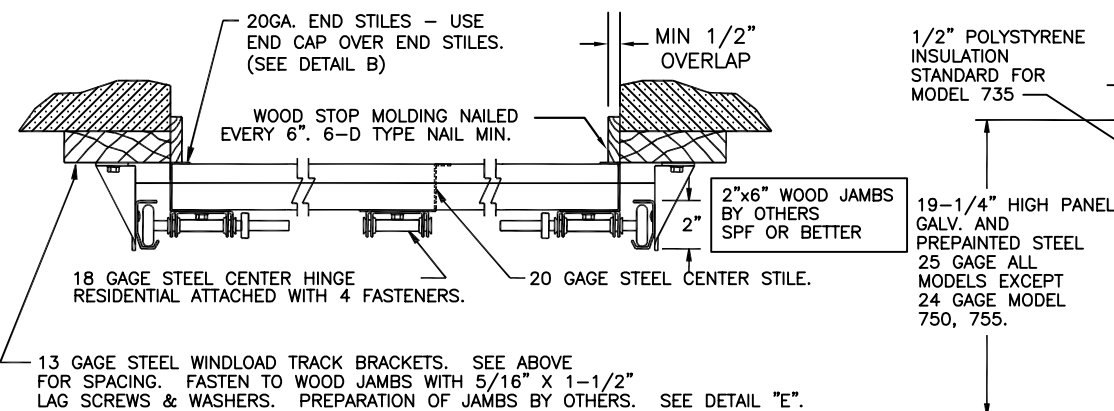
FRAC. ± 1/64"	DATE: 2/27/07	DWG. NO. 99-B-082
DEC. ± .015	DRN. BY BH	SHEET 5 OF 6
ANG. ± 1"		

SCALE: NONE

PLOT SCALE



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.



SECTION B-B

DOOR SIZE		P.S.F. TABLE			
		DESIGN PRESSURE		TEST PRESSURE	
WIDTH	HEIGHT	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
18'-0"	8'-0"	+31.2	-34.0	+46.8	-51.0

USE COATED LAG SCREWS FOR TREATED LUMBER

TRACK BRACKETS MUST BE MOUNTED DIRECTLY TO A WOOD SURFACE

DOORS SHOWN ON THIS DRAWING HAVE BEEN DEMONSTRATED TO WITHSTAND THE PRESSURES LISTED IN THE TABLE ABOVE VIA TESTING TO ANSI/DASMA 108-05/12/17.

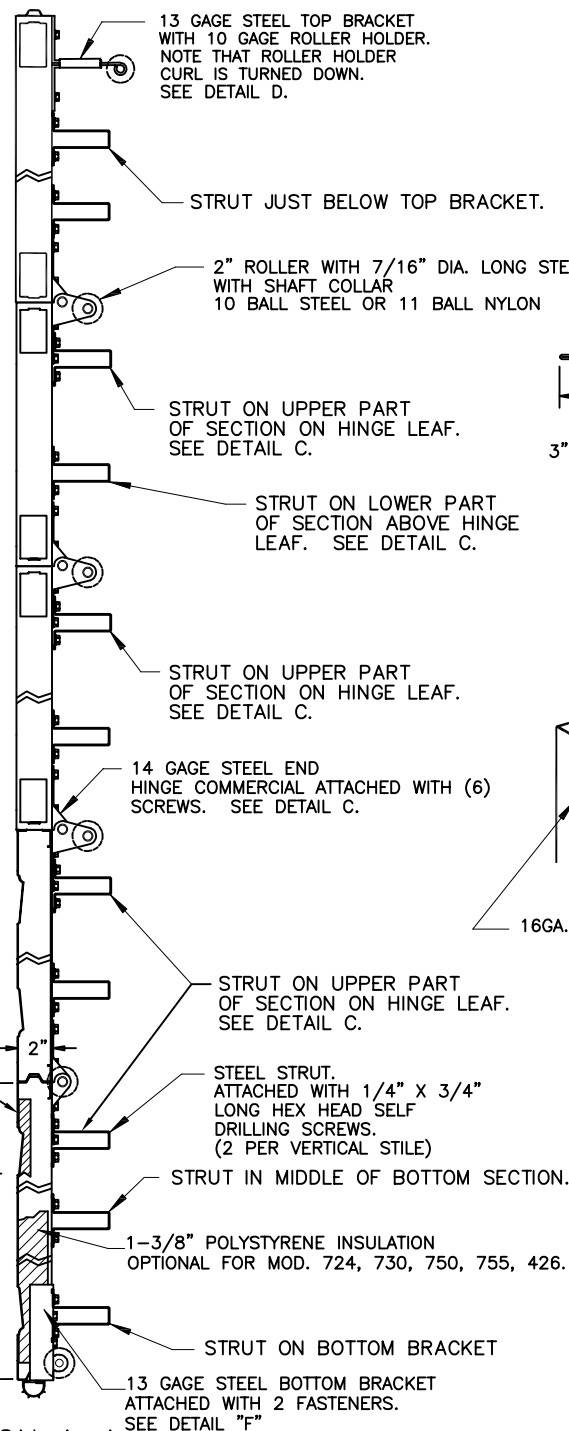
DETERMINATION OF SUITABILITY FOR SPECIFIC SITES IS THE RESPONSIBILITY OF OTHERS.

John E Scates PE
2560 King Arthur Blvd #124-54
Lewisville, TX 75056
TX-PE 56308, F-2203
FL-PE-51737

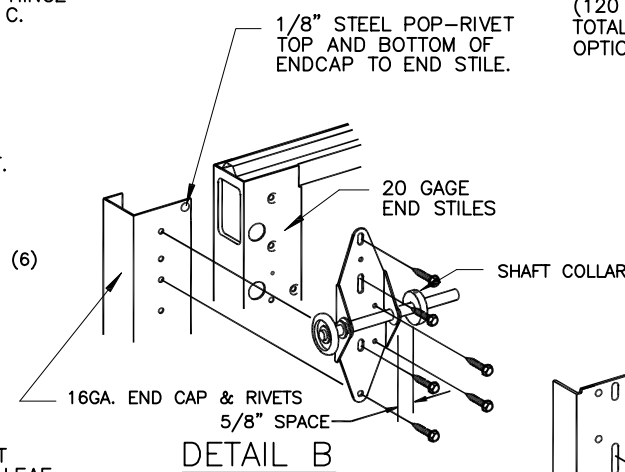
Professional Engineer's seal provided only for verification of windload construction details.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

SECTION A-A



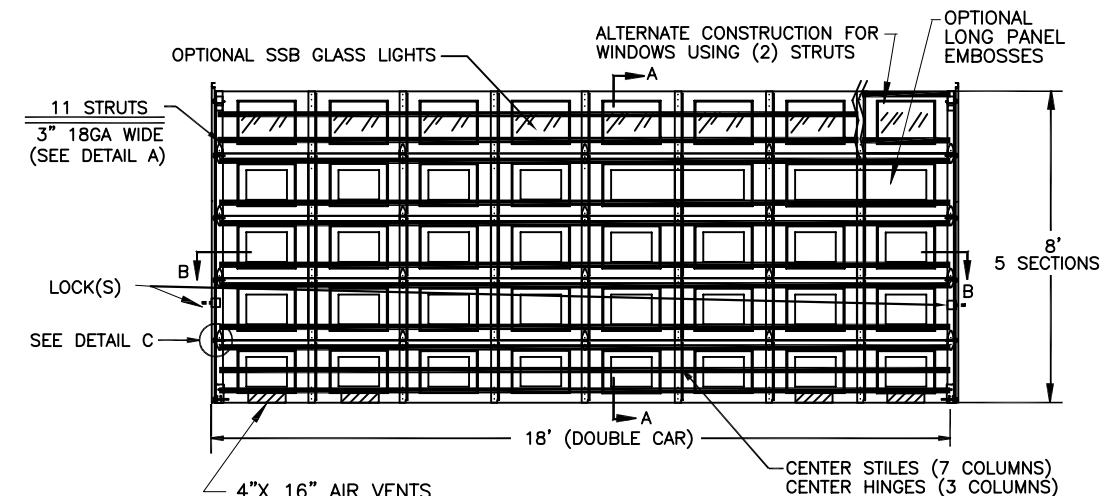
DETAIL A



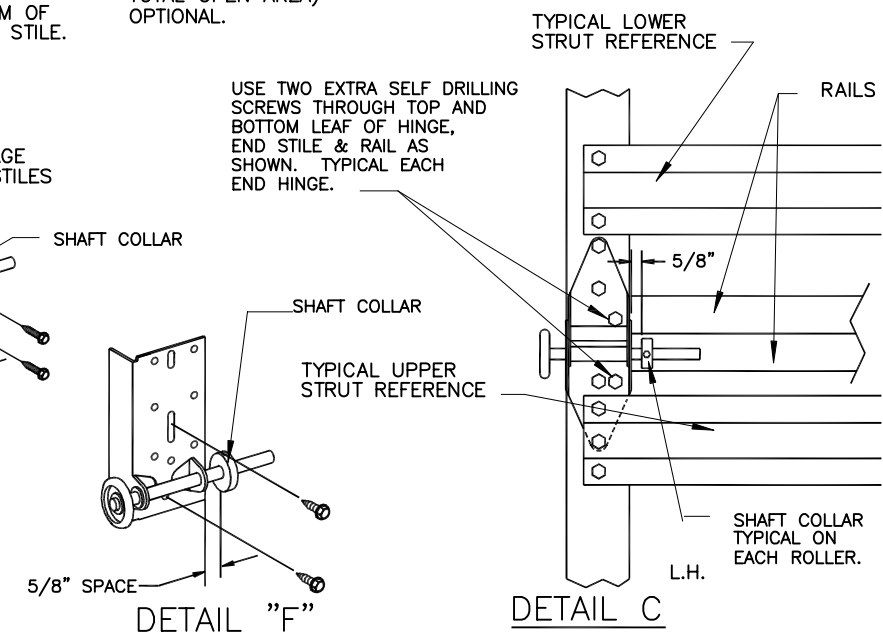
NOTE: GLAZING DOES NOT SATISFY IMPACT DEBRIS REQUIREMENTS IN FBC

FL 15080

18 X 8



NOTE: DOOR MUST BE INSTALLED WITH LOCK(S) THAT ENGAGE BOTH TRACKS



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 DOORS W2 C & W4 B

FRAC. ± 1/64" DEC. ± .015 ANG. ± 1°

SCALE NONE

PLOT SCALE

DRN. BY BH

DATE: 2/27/07

DWG. NO. 99-B-082

SHEET 6 OF 6

