

NOTES:

- VANTAGE STANDARD PRESS SHOWN, AMERICAN 200, CS, XL, CSX OR CSL SERIES MAY BE SUBSTITUTED.
- STRUTS ATTACHED WITH 2 SELF DRILLING SCREWS 1/4"-20 X 3/4" AT EACH STILE LOCATION AND BETWEEN EACH CENTER STILE LOCATION WITH TWO 1/4"-20 X 3/4" SCREWS.
- 4 SECTION HIGH DOOR SHOWN (7FT), TALLER DOOR CONFIGURATIONS MAY BE CONSTRUCTED UP TO A MAXIMUM OF 14FT HIGH, USING SAME PANEL CONSTRUCTION AS SHOWN (MAXIMUM SECTION HEIGHT OF 21").
- MINIMUM STEEL THICKNESS ON EXTERIOR AND INTERIOR FACE IS 26 GA. (.0165").
- SECTIONS EMBOSSED 14.00"x20.375", 16" X20.375", 14"x41", 16"x40" OR SECTIONS WITHOUT EMBOSSEMENT MAY ALSO BE USED. (LOCATION AND QUANTITY OF CENTER STILES MUST BE THE SAME).
- TORSION SPRINGS OR EXTENSION SPRINGS AVAILABLE.
- A LOCK MUST BE ATTACHED EACH SIDE OF DOOR. CAM & BAR LOCKS OR AN OPENER MAY BE SUBSTITUTED.
- WOOD MOUNT SHOWN, STEEL AND MASONRY ANGLE AND REVERSE ANGLE MOUNT AVAILABLE. NUMBER OF JAMB BRACKET ANCHOR LOCATIONS MUST BE THE SAME.
- JAMB DETAIL IN ACCORDANCE WITH DWG. # RCWL-0001
- THIS DOOR HAS NOT BEEN TESTED FOR WIND-BORNE DEBRIS.
- USE THIS DRAWING IN CONJUNCTION WITH INSTALLATION INSTRUCTIONS. WHERE THE DRAWING CONFLICTS WITH OTHER INSTALLATION INSTRUCTIONS, THIS DRAWING GOVERNS.

Strut Requirements

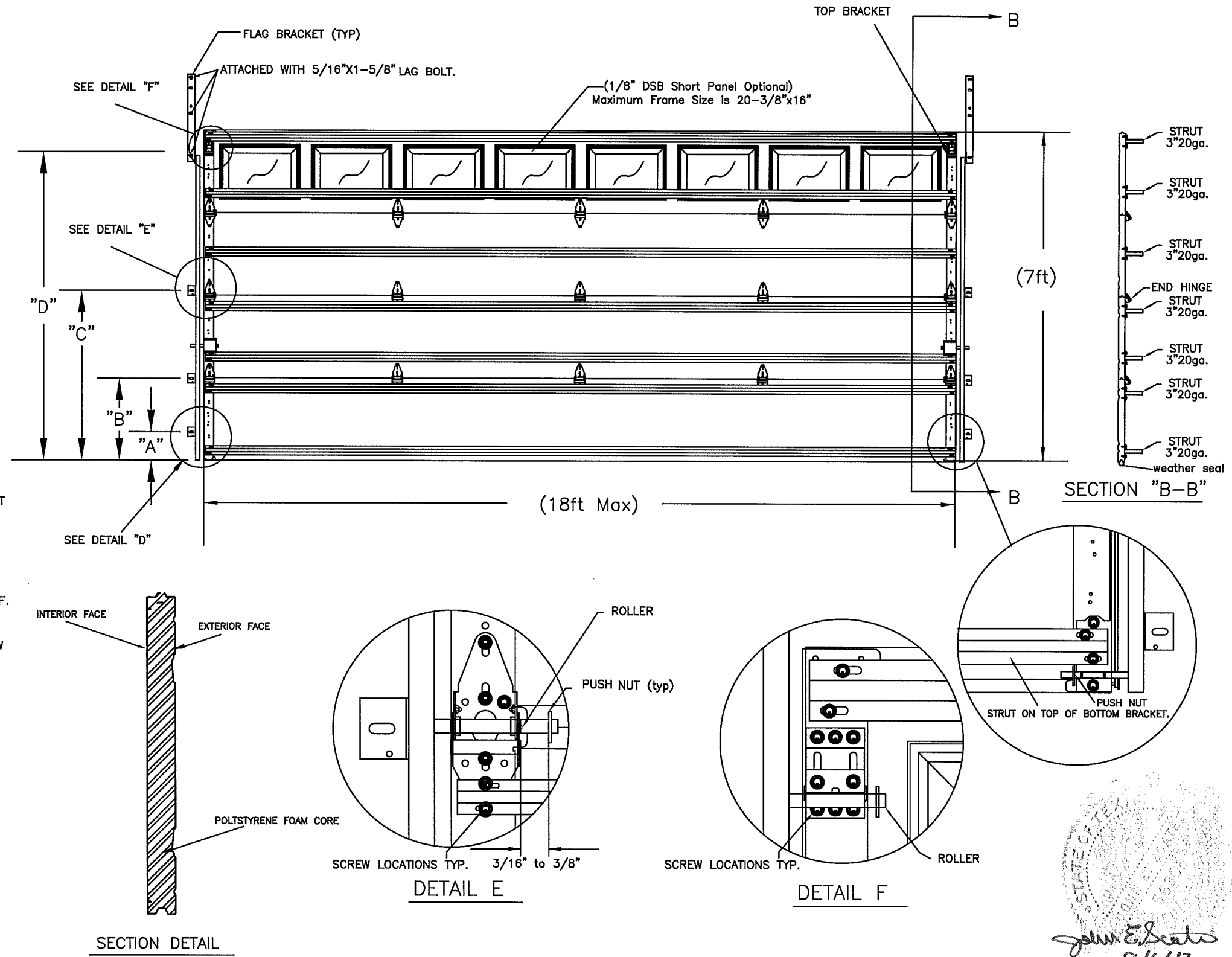
# sections	# Struts
	3"
4	7
5	9
6	10
7	12
*8	14

*SEE NOTE 4

Track Bracket Locations

DOOR HEIGHT	"A"	"B"	"C"	"D"
6'-6" thru 7'-0"	4"	21"	42"	×
7'-6" Thru 8'-9"	4"	21"	42"	60"

For Doors over 8'-9" high one Jamb bracket per section must be added and positioned within 3" of the roller.



SECTION DETAIL

DETAIL E

DETAIL F

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8/6/12

DESIGN LOAD +22/-24.5

PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS

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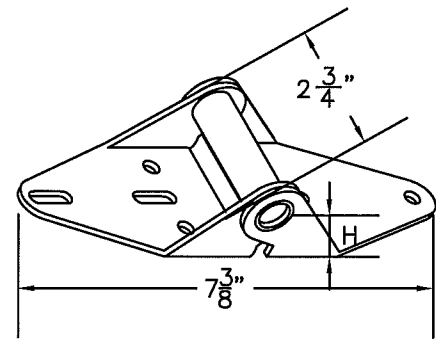
This product was tested/evaluated in accordance with ANSI/DASMA 108-05

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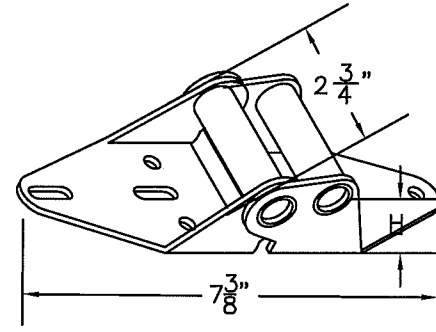
Rev.	By	Date	Description	Rev.	By	Date	Description	SCALE	N.T.S.	DATE
0	BJR	5/4/08	NEW DRAWING	8						
1	BJR	1/12/12	updated for 2010 spec	9				DRAWN BY	BJR	7-23-08
2	BJR	7/24/12	updated NOTES	10				INITIAL CHK. TL		
3				11				FINAL CHK.		
4				12				ENGR.		
5				13				APPR. BY	JS.	
6				14						
7				15						

DESCRIPTION		DWG. NO.		SHT.	REV.
VANTAGE WINDLOAD SERIES		VWL4-1807		1	2
WINDLOAD CONSTRUCTION DETAILS				of	

Mid-America Door Company PONCA CITY, OK

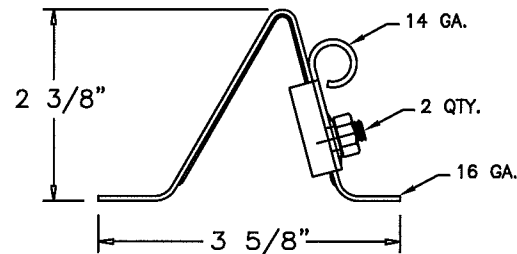
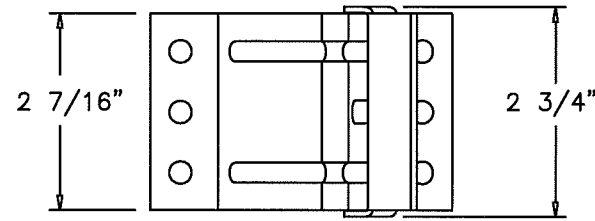


P/N 20602 (#1 HINGE)

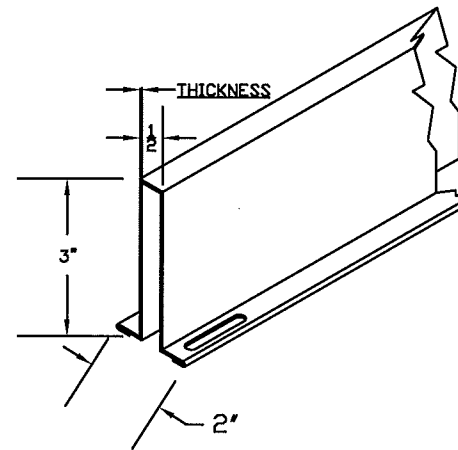


END HINGE

HINGE #	GAGE #	"H"	PART NUMBER
1	14	3/4"	20602
2	14	1"	20606
3	14	1 1/4"	20610
4	14	1 1/2"	20614
5	14	1 3/4"	20616
6	13	2"	20618

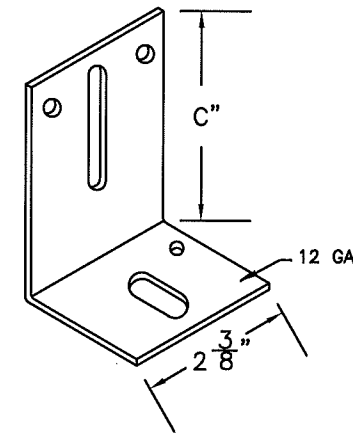


P/N 20356 TOP FIXTURE



3" STRUT

THICKNESS OF STRUTS ARE AS STATED BELOW		
3" 20 GAUGE 50 KSI MINIMUM YIELD		.036" MIN.

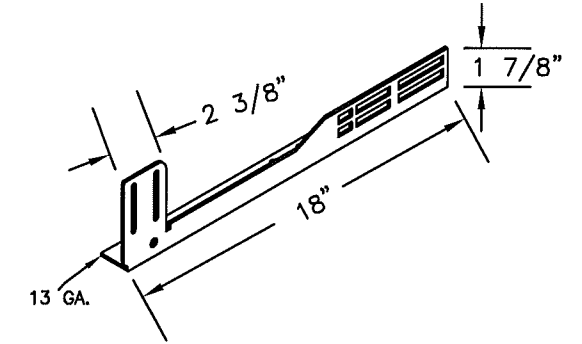


TRACK BRACKET

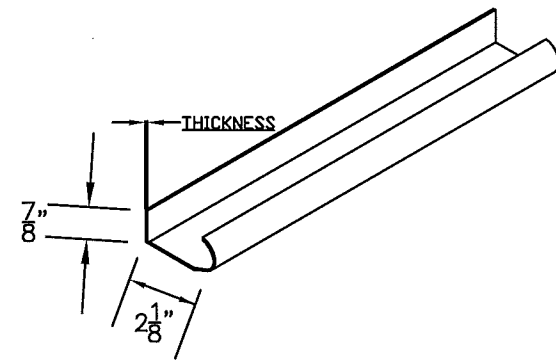
BRACKET #	"C"	PART NUMBER
4	3"	20368
5	3 1/4"	20370
6	3 1/2"	20372
7	3 3/4"	20374
8	4"	20376
9	4 3/4"	20378

NOTES:

- STRUTS ARE NOT MORE THAN 1 1/2" SHORTER THAN SECTION.
- USE IN CONJUNCTION WITH INSTALLATION INSTRUCTIONS. WHERE THE DRAWING CONFLICTS WITH OTHER INSTALLATION INSTRUCTIONS, THIS DRAWING GOVERNS.

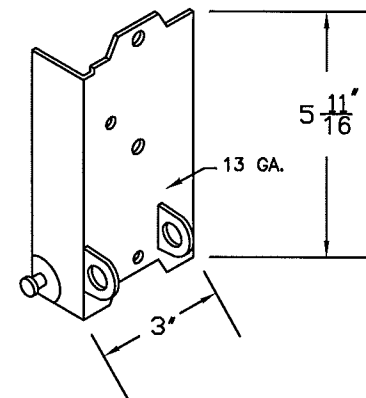


20366 & 7 FLAG BRACKET

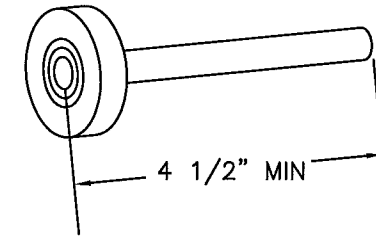


WINDLOAD TRACK

THICKNESS OF TRACK IS AS STATED BELOW		
VERTICAL TRACK IS MIN. 16 GA.		.058" MIN
HORIZONTAL TRACK IS MIN. 16 GA.		.058" MIN



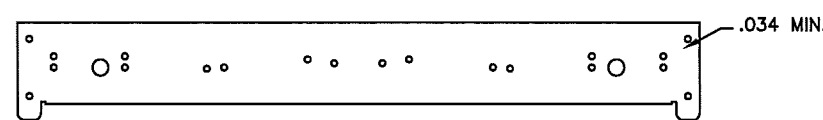
P/N 20334&5 BOTTOM BRKT.



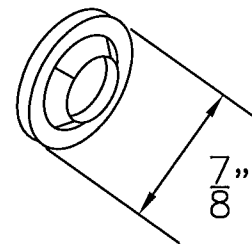
P/N 20804 SHORT STEM 10 BALL ROLLER



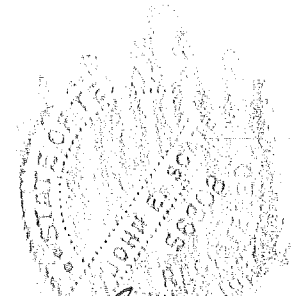
P/N 10480 & 10485 (21" & 18") HINGE PLATES



P/N 10470 & 10475 (21" & 18") END STILE



P/N 20239 PUSH NUT



John E. Scates
8/6/12

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0	BJR	8/7/08	NEW DRAWING	8						
1	BJR	1/19/10	updated for 2010 spec	9				DRAWN BY	BJR	7-22-08
2	BJR	7/26/12	updated FIRST SHEET	10				INITIAL CHK.	TL	"
3				11				FINAL CHK.	JAR	"
4				12				ENGR.		"
5				13				APPR. BY	JAR	"
6				14						
7				15						

Mid-America Door Company PONCA CITY, OK

DESCRIPTION
WINDLOAD SERIES HARDWARE

TITLE
WINDLOAD CONSTRUCTION DETAILS

DWG. NO.
VWL4-1807

SHT.
2 OF 2

REV.
2