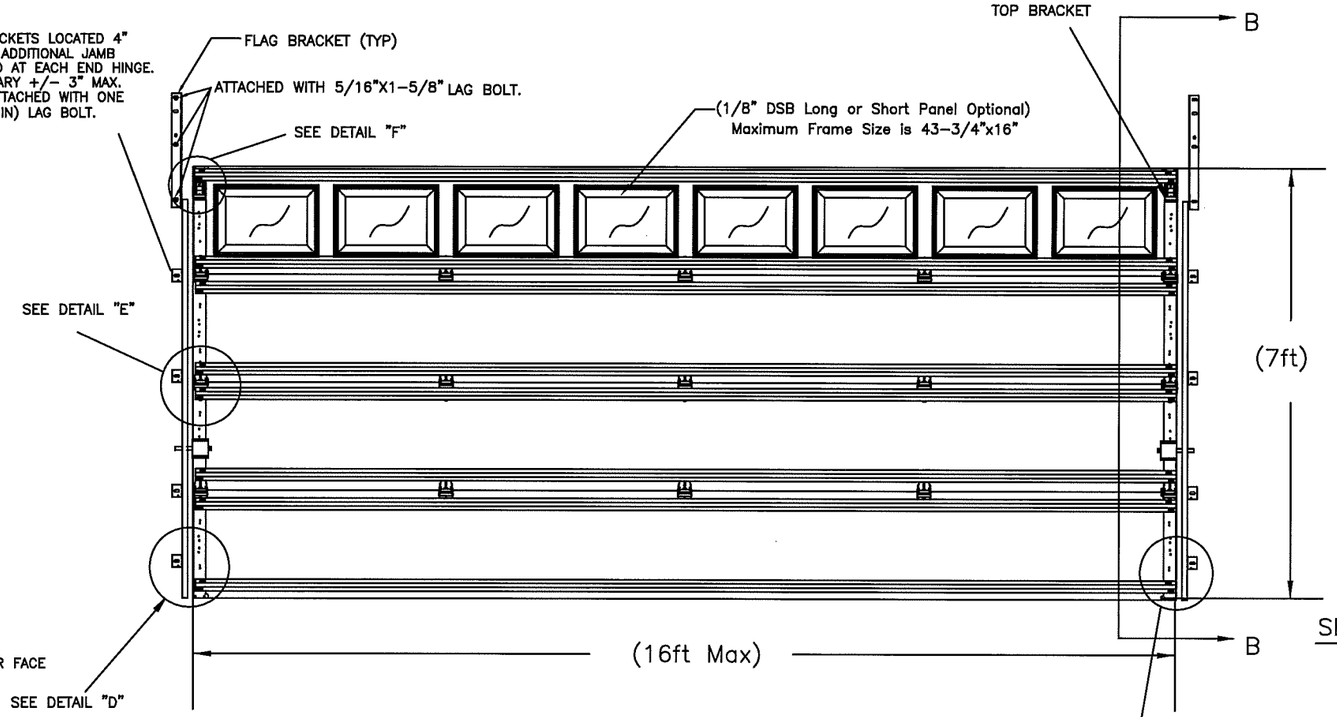
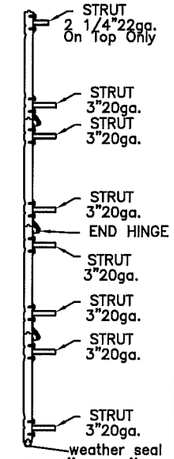
NOTES:

1. VANTAGE STANDARD PRESS SHOWN,AMERICAN 200, CS, XL, CSX OR CSL SERIES MAY BE SUBSTITUTED.
2. 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.
3. 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").
4. MINIMUM STEEL THICKNESS ON EXTERIOR AND INTERIOR FACE IS 26 GA. (.0165").
5. SECTIONS EMBOSSED 14.00"x20.375" ,16" X20.375", 14"X41", 16"X40" OR SECTIONS WITHOUT EMBOSSMENT MAY ALSO BE USED. (LOCATION AND QUANTITY OF CENTER STILES MUST BE THE SAME).
6. TORSION SPRINGS OR EXTENSION SPRINGS AVAILABLE.
7. LOCK MUST BE ATTACHED AT EACH SIDE OF DOOR. CAM & BAR LOCKS OR AN OPENER MAY BE SUBSTITUTED.
8. WOOD MOUNT SHOWN, STEEL AND MASONRY ANGLE AND REVERSE ANGLE MOUNT AVAILABLE. NUMBER OF JAMB BRACKET ANCHOR LOCATIONS MUST BE THE SAME.
9. JAMB DETAIL IN ACCORDANCE WITH DWG. # RCWL–0001
10. THIS DOOR HAS NOT BEEN TESTED FOR WIND–BORNE DEBRIS.
11. USE THIS DRAWING IN CONJUNCTION WITH INSTALLATION INSTRUCTIONS. WHERE THE DRAWING CONFLICTS WITH OTHER INSTALLATION INSTRUCTIONS, THIS DRAWING GOVERNS.

BOTTOM JAMB BRACKETS LOCATED 4" OFF THE FLOOR. ADDITIONAL JAMB BRACKETS LOCATED AT EACH END HINGE. PLACEMENT CAN VARY +/– 3" MAX. JAMB BRACKETS ATTACHED WITH ONE (5/16 X 1–1/2 MIN) LAG BOLT.



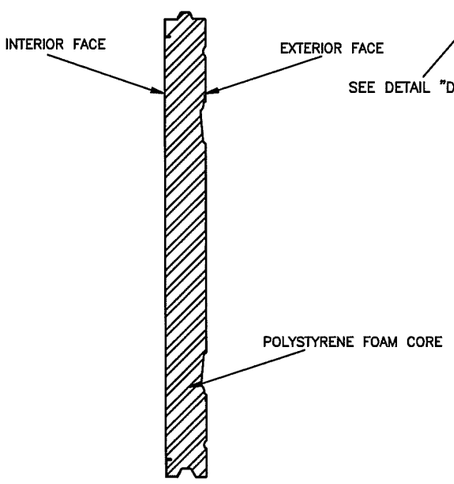


SECTION "B–B"

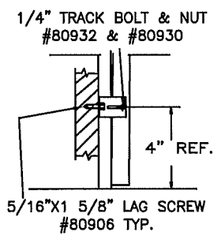
Strut Requirements

# sections	# Struts	
	2-1/4"	3"
4	1	7
5	1	9
6	1	11
7	1	13
8	1	15

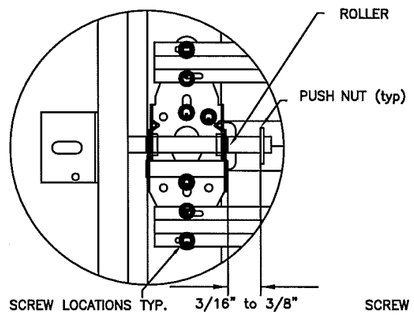
*SEE NOTE 4



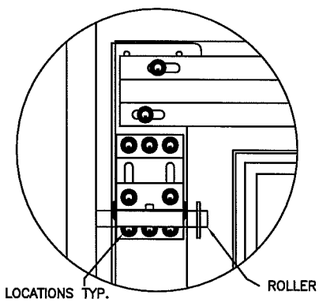
SECTION DETAIL



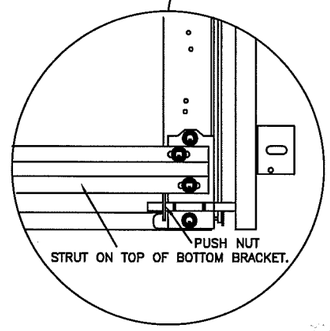
DETAIL D

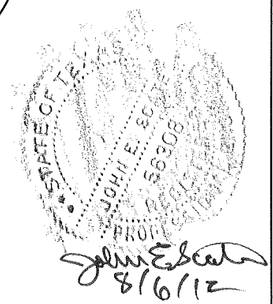


DETAIL E



DETAIL F





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

JOHN E. SCATES, P.E.
3121 FAIRGATE
CARROLLTON, TX
FL. P.E. # 51737
TX. P.E. # 56308, F–2203

DESIGN LOAD +30/–33.5

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

Rev.	By	Date	Description	Rev.	By	Date	Description
0	BR	5/8/08	NEW DRAWING	8			
1	BR	1/12/12	updated for 2010 ibc	9			
2	BR	7/26/12	updated notes	10			
3				11			
4				12			
5				13			
6				14			
7				15			

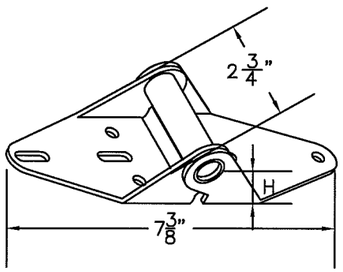
SCALE	N.T.S.	DATE
DRAWN BY	BJR	05–6–08
INITIAL CHK.	TL	05–6–08
FINAL CHK.		"
ENGR.		"
APPR. BY	JS.	"

Mid–America Door Company PONCA CITY, OK

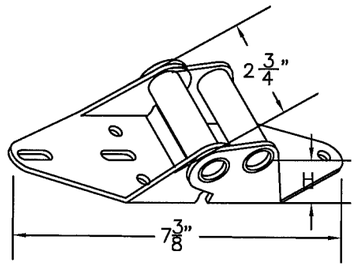
DESCRIPTION
VANTAGE WINDLOAD SERIES

TITLE
WINDLOAD CONSTRUCTION DETAILS

DWG. NO. VWL6–1607 | SHT. 1 OF 2 | REV. 2

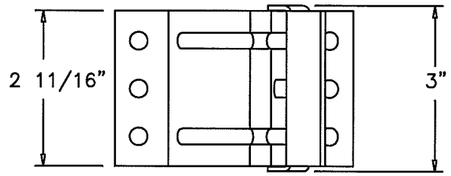


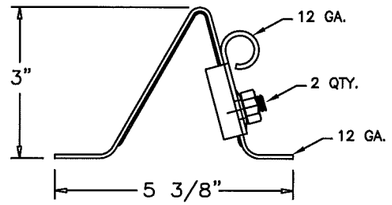
P/N 20602 (#1 HINGE)



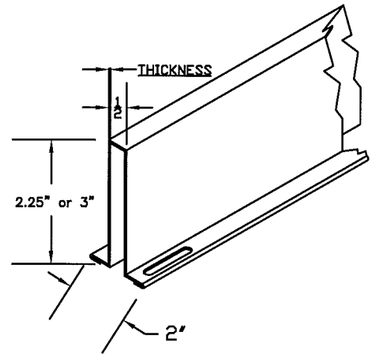
END HINGE

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



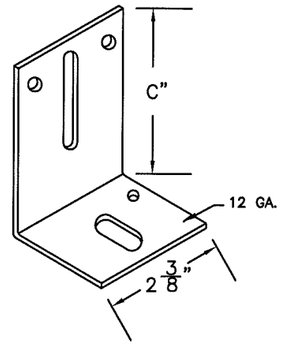


P/N 20358 TOP FIXTURE



STRUTS

THICKNESS OF STRUTS ARE AS STATED BELOW	
2.25" 22 GAUGE 33 KSI MINIMUM YIELD	.028" MIN.
3" 20 GAUGE 50 KSI MINIMUM YIELD	.036" MIN.

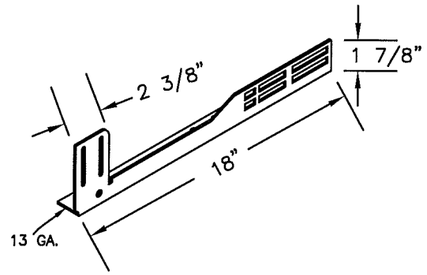


TRACK BRACKET

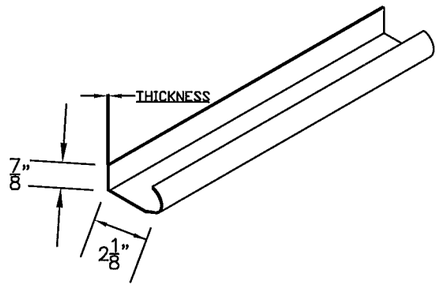
BRACKET #	"C"	PART NUMBER
4	3"	20368
5	3 1/4"	20370
6	3 1/2"	20372
7	3 3/4"	20374
8	4"	20376
9	4 3/4"	20378

NOTES:

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

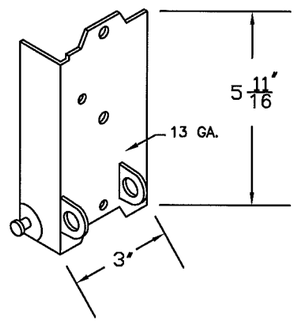


20366 &7 FLAG BRACKET

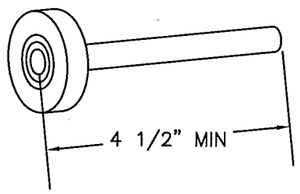


WINDLOAD TRACK

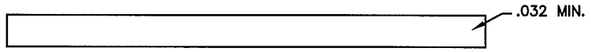
THICKNESS OF TRACK IS AS STATED BELOW	
VERTICAL TRACK IS MIN. 16 GA.	.058" MIN
HORIZONTAL TRACK IS MIN. 16 GA.	.058" MIN



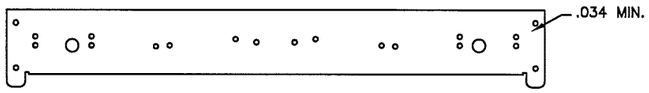
P/N 20334&5 BOTTOM BRKT.



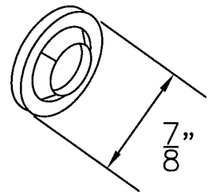
P/N 20804 SHORT STEM 10 BALL ROLLER



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



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



P/N 20239 PUSH NUT

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Rev.	By	Date	Description	Rev.	By	Date	Description
0	BR	5/5/08	NEW DRAWING	8			
1	BR	1/12/12	updated for 2010 fbc	9			
2	BR	7/26/12	updated first sheet	10			
3				11			
4				12			
5				13			
6				14			
7				15			

SCALE	N.T.S.	DATE
DRAWN BY	BJR	5-5-08
INITIAL CHK.	TL	5-5-08
FINAL CHK.		"
ENGR.		"
APPR. BY		"

Mid-America Door Company PONCA CITY, OK

DESCRIPTION
WINDLOAD SERIES HARDWARE

TITLE	DWG. NO.	SHT.	REV.
WINDLOAD CONSTRUCTION DETAILS	VWL6-1607	2 OF 2	2