

NOTES:

1. OB 2025 SHOWN, OBI 2025, OB 2024, OBI 2024, OB 2025–Inlay, OBI 2025 Inlay, ANY STAMP TYPE ALLOWED.
2. STRUTS ATTACHED WITH 2 SELF DRILLING SCREWS
1/4"–20 X 3/4" AT EACH STILE LOCATION
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 FOR SECTION IS 25 GA. (.0185").
5. 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).
6. TORSION SPRINGS OR EXTENSION SPRINGS AVAILABLE.
7. LOCK MUST BE ATTACHED AT EACH SIDE OF THE 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. STRUT PLACEMENT SHOWN IS TYPICAL (TOP STRUTS ARE OVER THE HINGES
AS SHOWN USING THE HOLES PROVIDED IN THE HINGE, BOTTOM STRUTS
ARE JUST ABOVE THE TOP OF THE HINGES). SEE DETAIL E
11. THIS DOOR HAS NOT BEEN TESTED FOR WIND–BORNE DEBRIS.
12. USE THIS DRAWING IN CONJUNCTION WITH INSTALLATION INSTRUCTIONS.
WHERE THE DRAWING CONFLICTS WITH OTHER INSTALLATION
INSTRUCTIONS, THIS DRAWING GOVERNS.

Strut Requirements

# sections	# Struts	
	2-1/4"	3"
4	2	5
5	2	7
6	2	8
7	2	10
8	2	11

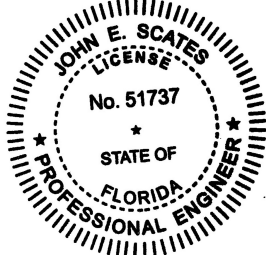
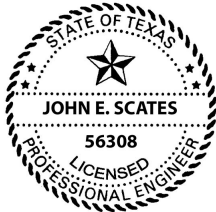
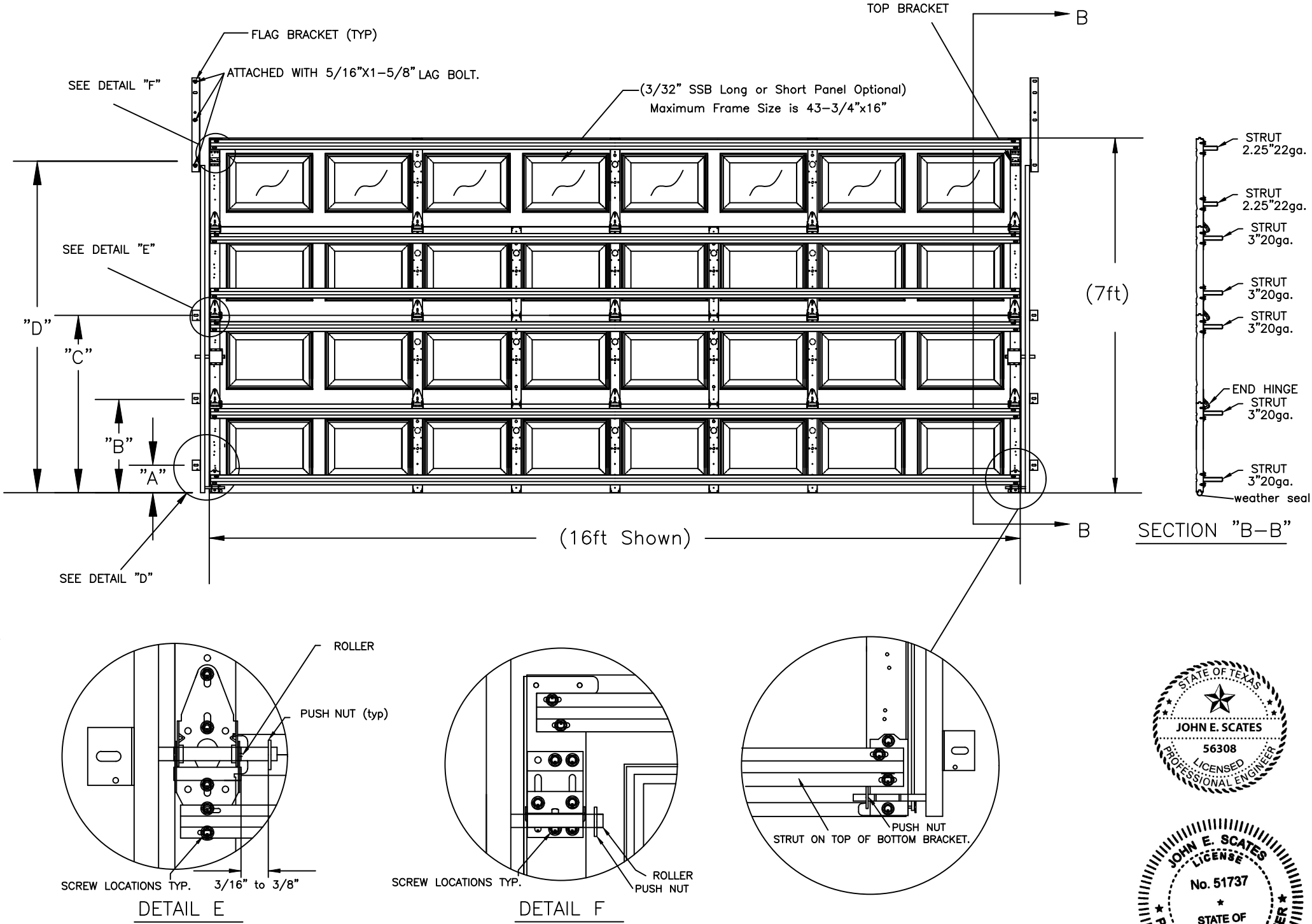
Track Bracket Locations

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

Approved Pressures

DOOR WIDTH	DESIGN PRESSURE	MIN # INT	CENTER STILES GLAZED
12'–00"	+ 31.0 PSF / -31.6 PSF	3	2
14'–00"	+ 26.6 PSF / -29.7 PSF	4	3
16'–00"	+ 23.3 PSF / -26.0 PSF	5	3
17'–00"	+ 20.6 PSF / -23.0 PSF	7	3
18'–00"	+ 18.4 PSF / -20.5 PSF	7	3
20'–00"	+ 14.9 PSF / -16.6 PSF	9	4



This product was tested/evaluated in accordance with ANSI/DASMA 108
Complies with current FBC Complies with IBC/IRC 2024 (Texas)

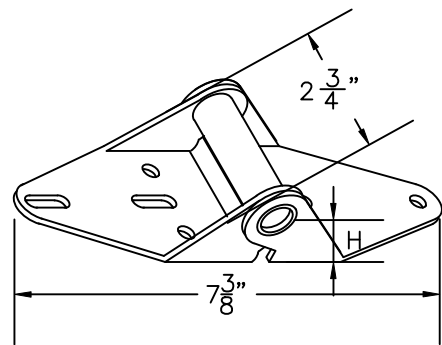
Digitally signed by John E Scates
Date: 2026.10.14 12:34:12 -05'00'

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

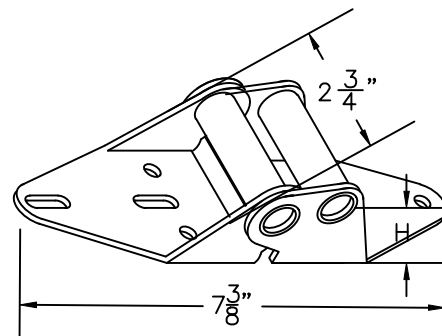
JOHN E. SCATES, P.E.
PO Box 5175
Frisco, TX 75035
FL P.E. # 51737
TX P.E. # 56308, F–2203

NOTES: THIS DRAWING AND / OR TECHNICAL INFORMATION ON THIS SHEET IS THE PROPERTY OF MID-AMERICA DOOR COMPANY AND IS LOANED IN CONFIDENCE FOR ENGINEERING AND MUTUAL ASSISTANCE PURPOSES ONLY, AND MAY NOT BE REPRODUCED OR USED TO MANUFACTURE ANYTHING DISCLOSED HEREON WITHOUT THE EXPRESSED PERMISSION OF MID-AMERICA DOOR COMPANY.

Rev.	By	Date	Description	Rev.	By	Date	Description	SCALE	N.T.S.	DATE								
0	BR	3/16/18	NEW DRAWING	8				DRAWN BY	BJR	11-1-17	 Mid-America Door Company PONCA CITY, OK							
1	BR		NEW FL. REVISION	9				INITIAL CHK.	BJR	"								
2	TL	8/9/20	FLORIDA AFFIRMATION	10				FINAL CHK.		"								
3				11				ENGR.		"								
4				12				APPR. BY		"	DESCRIPTION OB 2025 / 2024 WINDLOAD SERIES TITLE WINDLOAD CONSTRUCTION DETAILS							
5				13				DWG. NO. OB 2025/2024 FWL6-1607										
6				14														
7				15								SHT. OF 2	REV. 1					

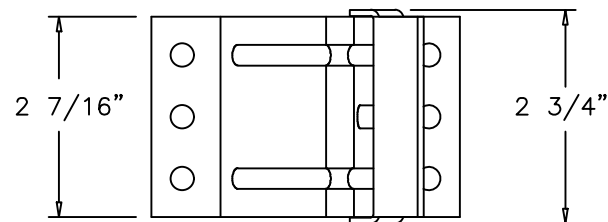


P/N 20604 (#1 HINGE)

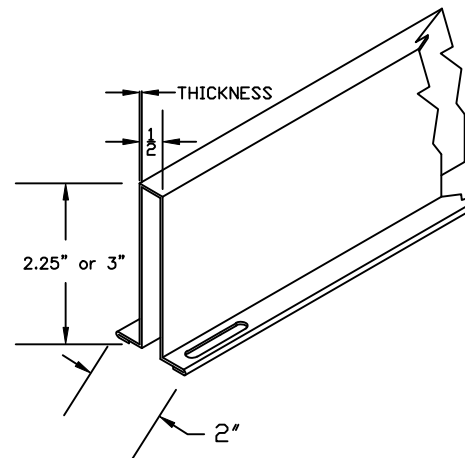
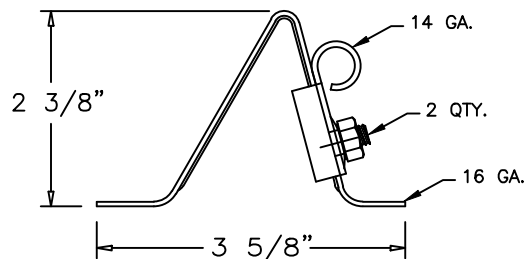


END HINGE

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

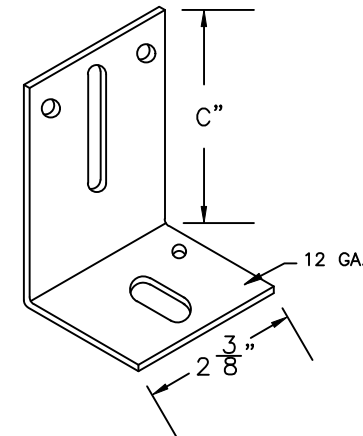


P/N 20356 TOP FIXTURE



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.	

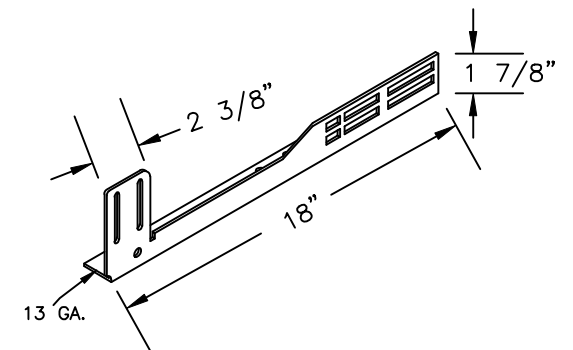


TRACK BRACKET

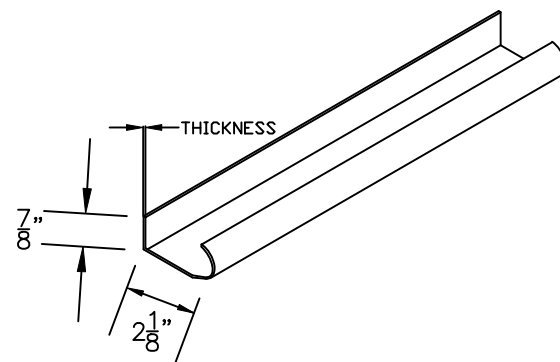
BRACKET #	"C"	PART NUMBER
4	3"	20368
5	3 1/4"	20370
6	3 1/2"	20372
7	3 3/4"	20374
8	4"	20376
9	4 3/4"	20378

NOTES:

- 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.

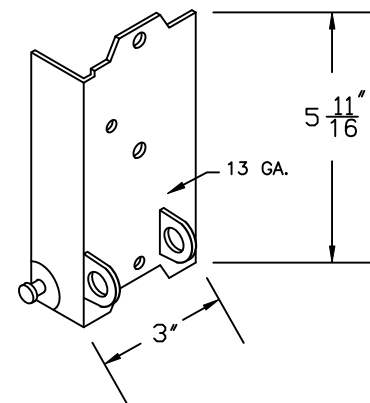


20366 & 7 FLAG BRACKET

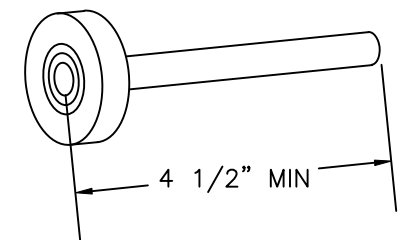


WINDLOAD TRACK

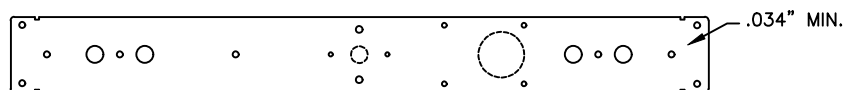
THICKNESS OF TRACK IS AS STATED BELOW		
VERTICAL TRACK IS MIN. 16 GA.	.058" MIN	
HORIZONTAL TRACK IS MIN. 16 GA.	.058" MIN	



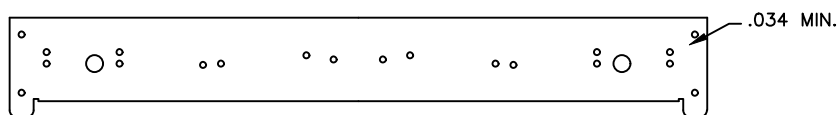
P/N 20334&5 BOTTOM BRKT.



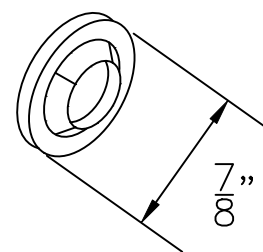
P/N 20812
SHORT STEM 11 BALL NYLON COATED STEEL ROLLER



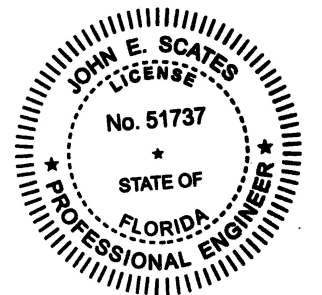
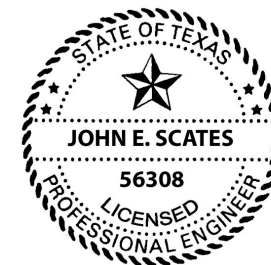
P/N 10455 & 10465 (21" & 18") CENTER STILE



P/N 10450 & 10460 (21" & 18") END STILE



P/N 20239 PUSH NUT



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

JOHN E. SCATES, P.E.
PO BOX 5175
FRISCO, TX 75035
FL. P.E. # 51737
TX. P.E. # 56308, F-2203

NOTES: THIS DRAWING AND / OR TECHNICAL INFORMATION ON THIS SHEET IS THE PROPERTY OF MID-AMERICA DOOR COMPANY AND IS LOANED IN CONFIDENCE FOR ENGINEERING AND MUTUAL ASSISTANCE PURPOSES ONLY, AND MAY NOT BE REPRODUCED OR USED TO MANUFACTURE ANYTHING DISCLOSED HEREON WITHOUT THE EXPRESSED PERMISSION OF MID-AMERICA DOOR COMPANY.

Rev.	By	Date	Description	Rev.	By	Date	Description	SCALE	N.T.S.	DATE				
0	BR	4/24/08	NEW DRAWING	8				DRAWN BY	BJR	11-1-17				
1	BR	1/30/18	NEW FL REVISION	9				INITIAL CHK.	BJR	"				
2	TL	8/9/28	FLORIDA AFFIRMATION	10				FINAL CHK.	JAR	"				
3				11				ENGR.		"				
4				12				APPR. BY	JAR	"				
5				13										
6				14										
7				15										

Mid-America Door Company										PONCA CITY, OK				
DESCRIPTION														
WINDLOAD SERIES HARDWARE														
TITLE														
WINDLOAD CONSTRUCTION DETAILS										DWG. NO.		SHT.		REV.
										08 2025/2024-PML6-1807		2 OF 2		1