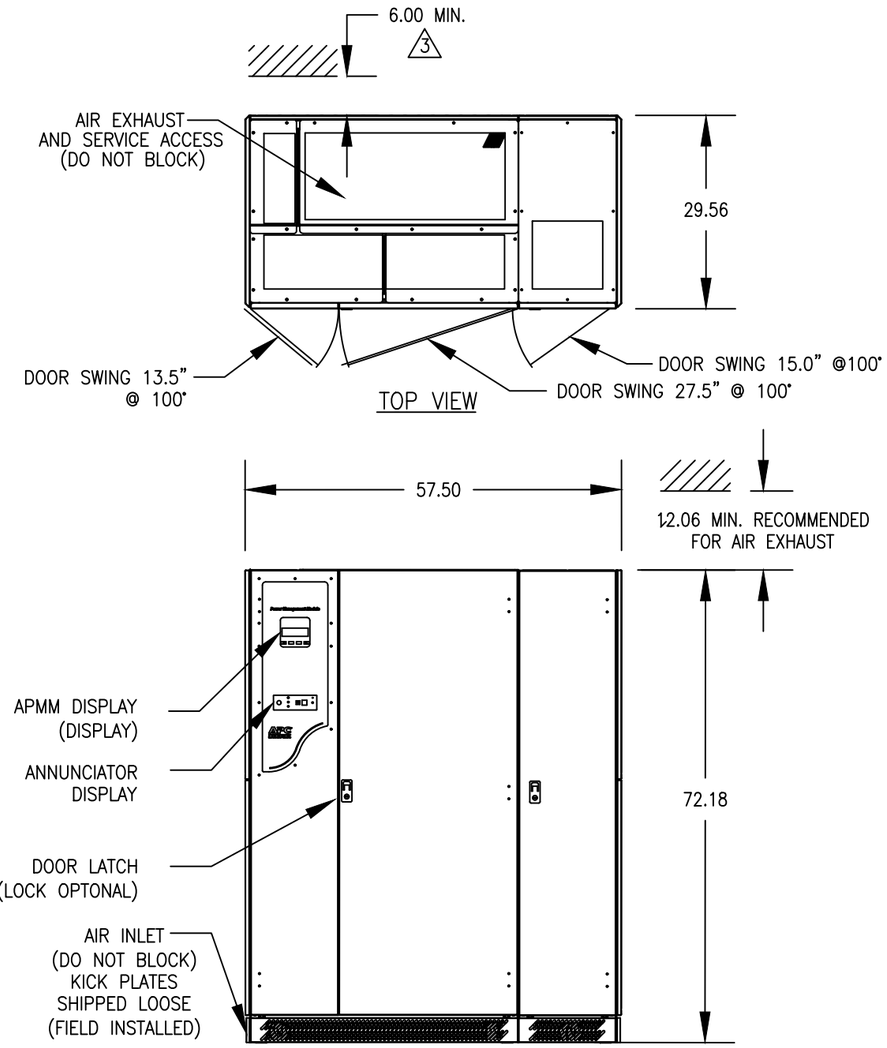
TABLE 1:
INPUT POWER CONNECTIONS/WEIGHT/HEAT REJECTION

SYSTEM KVA	INPUT VOLTS	INPUT CIRCUIT BREAKER			⚠6	WT.(LBS.)	⚠4
		TRIP AMPS	CONNECTOR LUG WIRE RANGE		CONDUIT SIZE		BTU/HR
			STANDARD CB	HI–INTERRUPT CB			
30	480	50	(1) #14 – 1/0	(1) #14 – 1/0	2	1410	2800
50	208	175	(1) #4 – 350	(1) #4 – 350	2	1520	4100
50	480	80	(1) #14 – 1/0	(1) #14 – 1/0	2	1520	4100
50	600	60	(1) #14 – 1/0	(1) #14 – 1/0	2	1520	4100
75	208	300	(1) #1 – 600	(3) 3/0 – 500	(2) 2 1/2	1660	5200
75	380	150	(1) #4 – 350	(1) #4 – 350	2	1860	5200
75	480	125	(1) #4 – 350	(1) #4 – 350	2	1860	5200
75	600	90	(1) #14 – 1/0	(1) #14 – 1/0	2	1860	5200
100	480	150	(1) #4 – 350	(1) #4 – 350	2	1910	5800
125	480	200	(1) #4 – 350	(1) 1/0 – 350	2	2280	6500
125	600	150	(1) #4 – 350	(1) #4 – 350	2	2280	6500
150	380	300	(1) #1 – 600	(3) 3/0 – 500	(2) 2 1/2	2670	7300
150	480	225	(1) #4 – 350	(1) 1/0 – 350	2	2490	7300
150	600	200	(1) #4 – 350	(1) 1/0 – 350	2	2490	7300
200	480	350	(1) #1 – 600	(3) 3/0 – 500	(2) 2 1/2	2740	9700
225	380	450	(3) 3/0 – 500	(3) 3/0 – 500	(2) 2 1/2	3040	9800
225	480	400	(1) #1 – 600	(3) 3/0 – 500	(2) 2 1/2	2920	9800
225	600	300	(1) #1 – 600	(3) 3/0 – 500	(2) 2 1/2	2920	9800

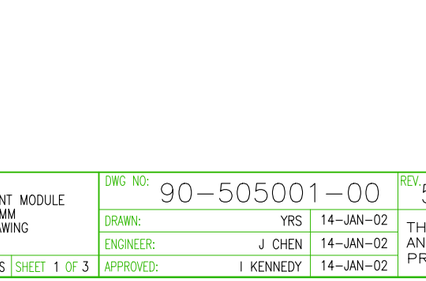
SYSTEM DIMENSIONS



FRONT VIEW

TABLE 2:
OUTPUT POWER CONNECTIONS

TRIP AMPS	WIRE CONNECTIONS
10 – 30	#14 – 8
35 – 70	#8 – 2
80 – 125	#4 – 2/0



SINGLE LINE DIAGRAM

⚠11. THIS CABLE TRAY IS REQUIRED FOR ALL TOP ENTRY UNITS TO PREVENT DAMAGE TO PCBA'S & TO KEEP CONTROL CIRCUITS AWAY FROM POWER CIRCUITS. IT CAN TEMPORARILY BE REMOVED TO AID IN PULLING CABLES BUT CAN NOT BE LEFT OUT. IT ACTS AS A PROTECTIVE BARRIER AND OUTPUT CABLE TRAY. SYSTEM WARRANTY IS VOID IF LEFT OUT. FURTHERMORE. LEAVING IT OUT CAN CAUSE SUSTEM MALFUNCTIONS OR FAILURE.

⚠10. WHEN MAKING INPUT CONNECTIONS, MAKE SURE THAT THE EXISTING CONTROL WIRING ARE KEPT IN PLACE.

⚠9. INPUT NEUTRAL BUSBAR IS ONLY PROVIDED ON TRANSFORMERLESS MODELS. IF USED, CONNECT NEUTRAL CABLES AS SHOWN.

8. IF OPTIONAL J–BOX IS SUPPLIED, REFER TO SEPARATE INSTALLATION DRAWINGS.

7. ALL CABLE CONNECTIONS ARE BASED ON CUSTOMER SUPPLIED COPPER WIRE RATED 75°

⚠6. CUSTOMER TO REMOVE AND CUT HOLES IN CONDUIT PLATE AS REQUIRED.

5. FOLLOW THE NEC (NATIONAL ELECTRICAL CODE) AND OTHER APPLICABLE LOCAL CODES.

⚠4. HEAT LOSS BASED ON FULL RESISTIVE LOAD CAN VARY +/–10% UNDER DIFFERENT LOAD CONDITIONS.

⚠3. 6.00 INCHES REAR CLEARANCE IS REQUIRED FOR VENTILATION. 36.00 INCHES FRONT CLEARANCE FOR MAINTENANCE.

2. REFER TO OWNERS MANUAL FOR INSTALLATION AND OPERATING INSTRUCTIONS.

1. COLOR: LIGHT GREY

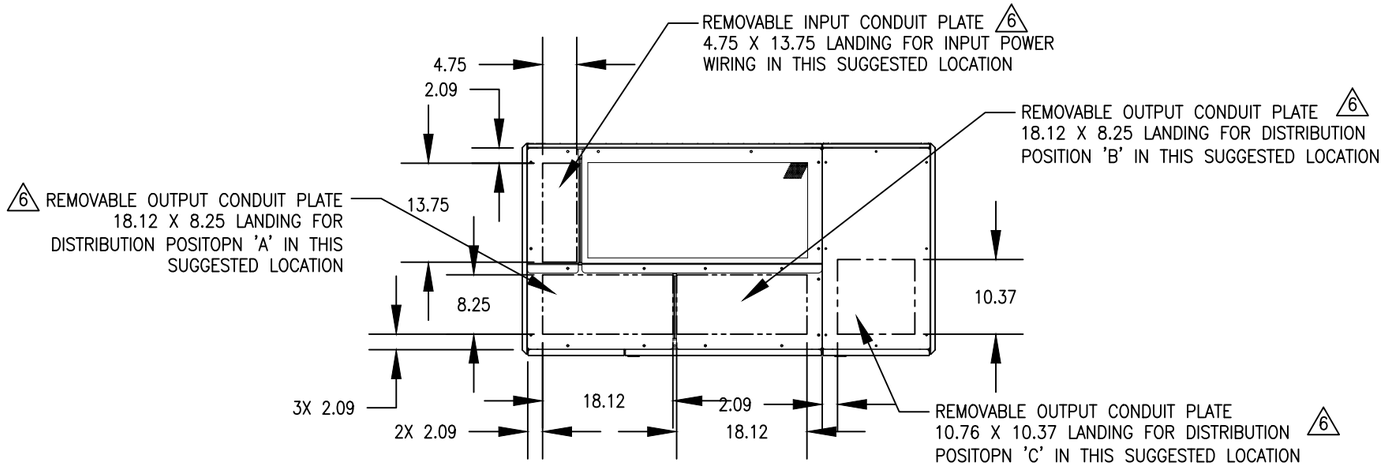
NOTES: UNLESS OTHERWISE SPECIFIED.

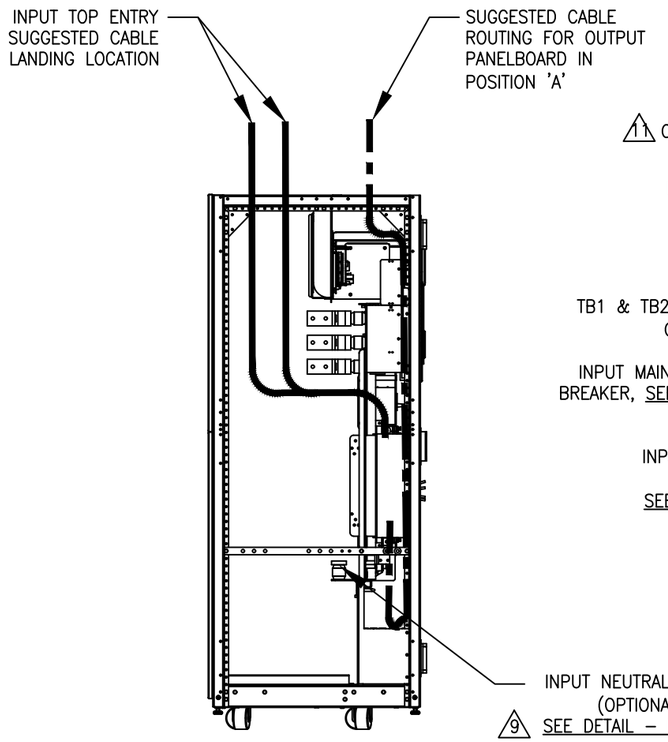
Schneider Electric

TITLE: MGE POWER MANAGEMENT MODULE SYSTEM 126 PMM INSTALLATION DRAWING

PROJECT: STD SUBMITTAL DRAWINGS | SHEET 1 OF 3

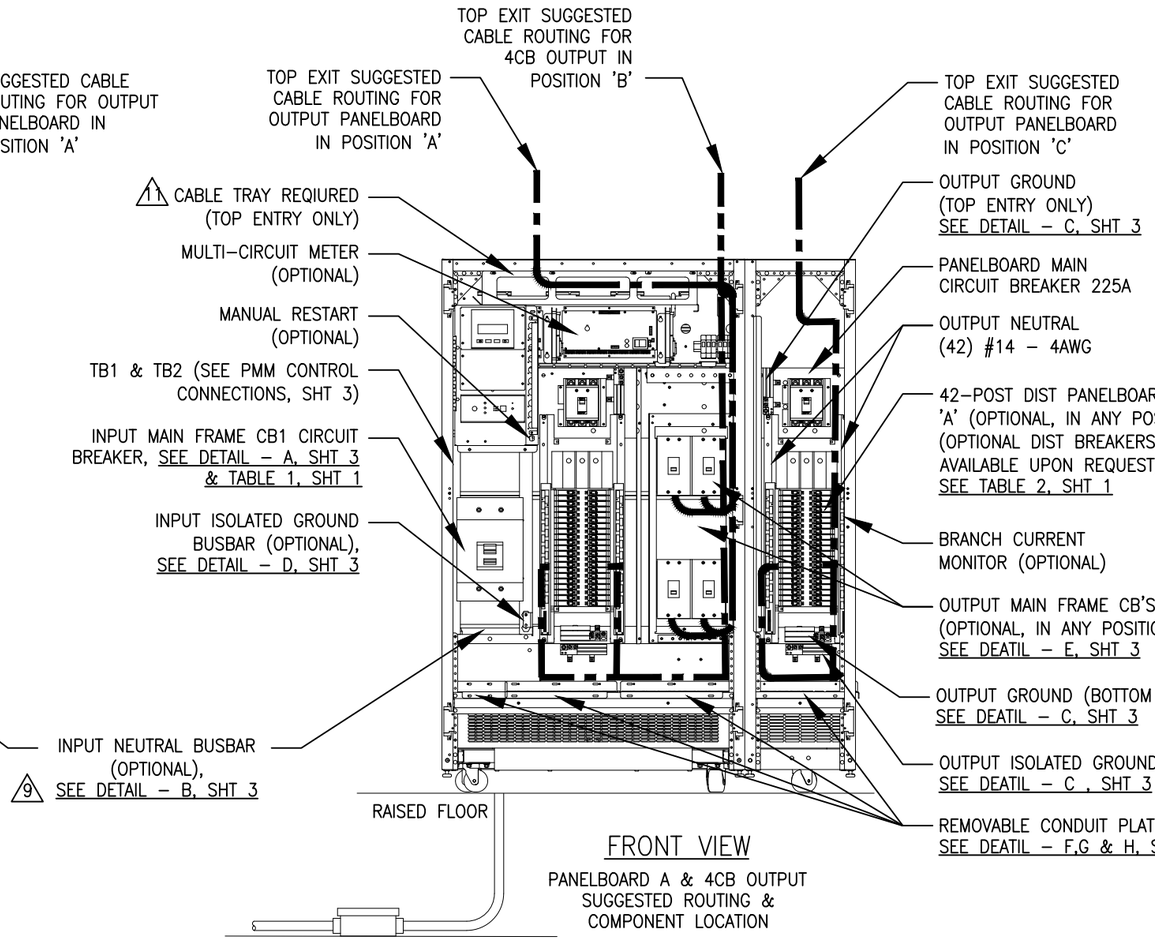
DWG NO: 90–505001–00			REV. 5
DRAWN:	YRS	14–JAN–02	THIRD ANGLE PROJ.
ENGINEER:	J CHEN	14–JAN–02	
APPROVED:	I KENNEDY	14–JAN–02	





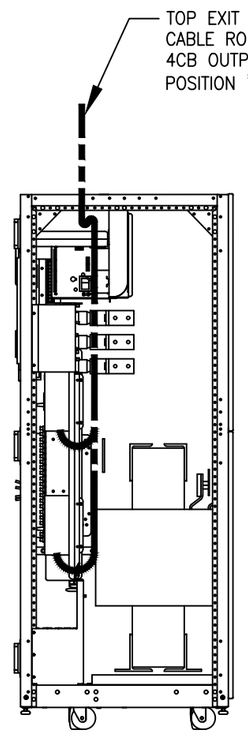
LEFT VIEW

SUGGESTED TOP INPUR
(SHOWING NO INPUT ISOLATION
TRANSFORMER OPTION)



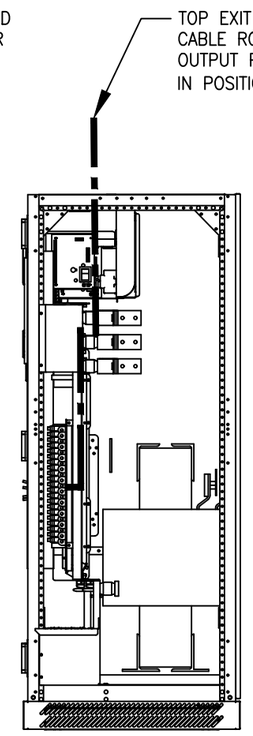
FRONT VIEW

PANELBOARD A & 4CB OUTPUT
SUGGESTED ROUTING &
COMPONENT LOCATION



RIGHT VIEW

SUGGESTED TOP OUTPUT
ROUTE FOR 4CB OPTION
(SHOWN INPUT ISOLATION
TRANSFORMER OPTION)
(SIDECAR HIDDEN FOR CLARITY)



RIGHT VIEW

SUGGESTED TOP OUTPUT
ROUTE FOR SIDECAR

SEE SHEET 1

NOTES: UNLESS OTHERWISE SPECIFIED.

Schneider Electric

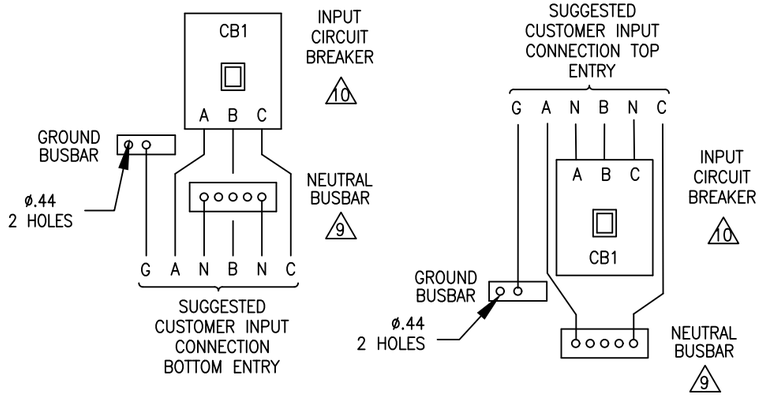
TITLE: MGE POWER MANAGEMENT MODULE
SYSTEM 126 PMM
INSTALLATION DRAWING

PROJECT: STD SUBMITTAL DRAWINGS | SHEET 2 OF 3

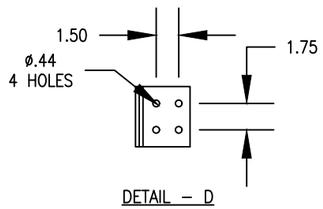
DWG NO: 90–505001–00 | REV. 2

DRAWN:	YRS	14–JAN–02
ENGINEER:	J CHEN	14–JAN–02
APPROVED:	I KENNEDY	14–JAN–02

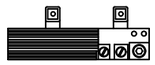
THIRD ANGLE PROJ.



DETAIL – A
<-- BOTTOM ENTRY / TOP ENTRY -->

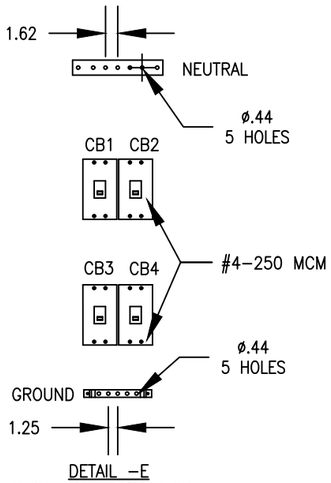


DETAIL – D
INPUT ISOLATED GROUND BUSBAR (OPTIONAL)



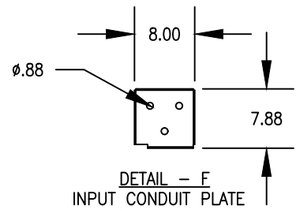
DETAIL – C
OUTPUT GROUND CONNECTIONS

(36) #16 – 12 AWG
(6) #16 – 2 AWG

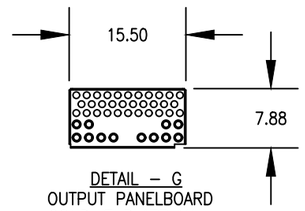


DETAIL –E
INPUT MAIN FRAME CB
(OPTIONAL, IN ANY POSITION)

BUSBAR/CIRCUIT BREAKER/CUSTOMER CONNECTIONS

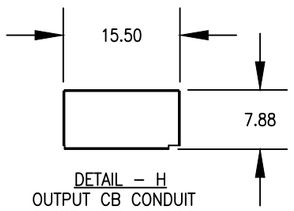


DETAIL – F
INPUT CONDUIT PLATE
(TOP VIEW)
6

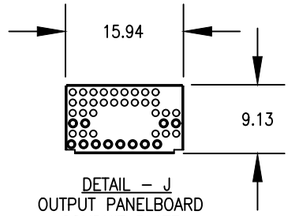


DETAIL – G
OUTPUT PANELBOARD CONDUIT PLATE MAIN CABINET (TOP VIEW) 6

(32) 1/2" KNOCKOUT
(12) 1/2"–3/4" KNOCKOUT



DETAIL – H
OUTPUT CB CONDUIT PLATE MAIN CABINET (OPTIONAL)
(TOP VIEW)
6

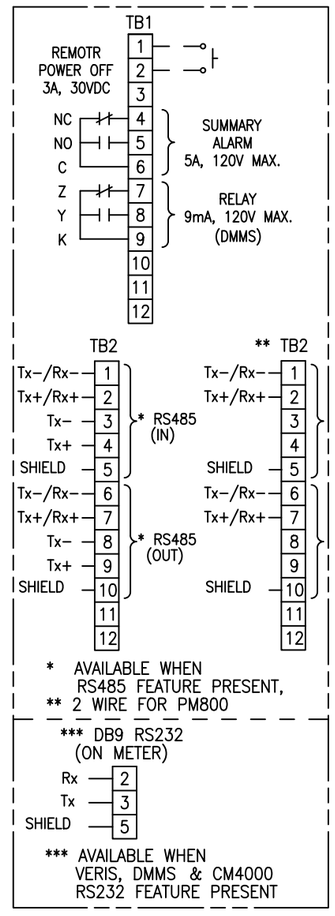


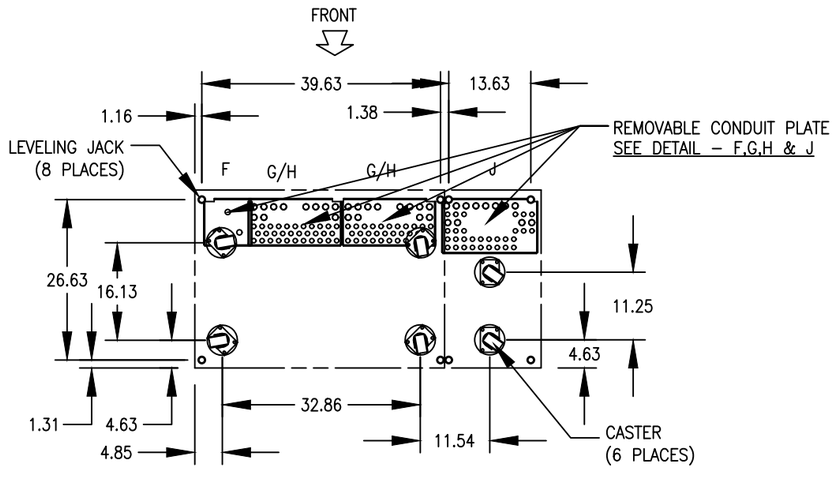
DETAIL – J
OUTPUT PANELBOARD CONDUIT PLATE 15" CABINET 6
(TOP VIEW)

(30) 1/2" KNOCKOUT
(12) 1/2"–3/4" KNOCKOUT

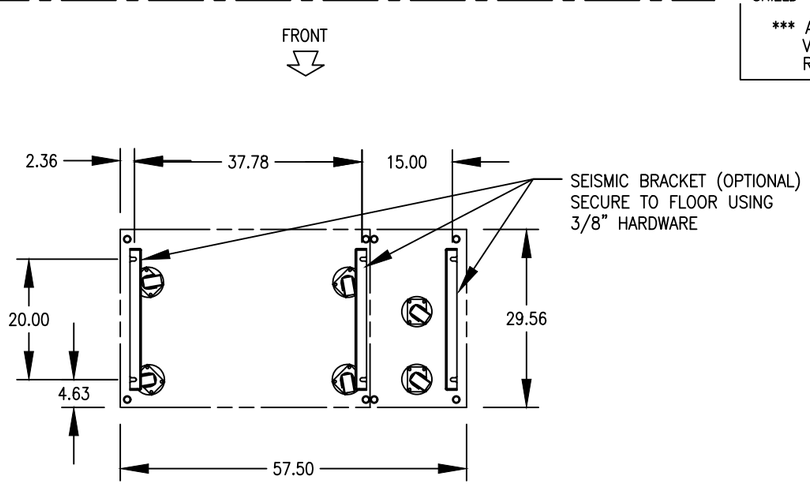
CONDUIT PLATES FOR BOTTOM ENTRY, SEE SHT 2
FOR BOTTOM CONDUIT LANDING LOCATIONS

PMM CONTROL CONNECTIONS





CASTER/LEVELING JACK LOCATIONS
(BOTTOM VIEW)



SEISMIC BRACKET
CONCRETE FLOOR MOUTING
(BOTTOM VIEW)

NOTES: UNLESS OTHERWISE SPECIFIED.

Schneider Electric

TITLE: MGE POWER MANAGEMENT MODULE SYSTEM 126 PMM INSTALLATION DRAWING

PROJECT: STD SUBMITTAL DRAWINGS | SHEET 3 OF 3

DWG NO:	90–505001–00		REV. 4
DRAWN:	B NGUYEN/S CUNHA	28–MAR–11	PROJ. ANGLE N/A
ENGINEER:	J SMITH	28–MAR–11	
APPROVED:	Y NGUYEN	28–MAR–11	

SHT	DRAWING NUMBER	REVISION									REVISION DESCRIPTION	REVISION INITIATED BY (ECO/ENGR)	REVISION APPROVED BY
		2	3	4									
1	90-505001-00_1	11/23/2010									SE TEMPLATE INCORPORATED	E.D.	E.D.
2	90-505001-00_2	11/23/2010									SE TEMPLATE INCORPORATED	E.D.	E.D.
3	90-505001-00_3	11/23/2010									SE TEMPLATE INCORPORATED	E.D.	E.D.
			3/11/2011								REPLACED ENTIRE DRAWING WITH CORRECT INFORMATION	E.D.	E.D.
				3/28/2011							REPLACED SEISMIC BRACKET CONCRETE FLOOR MOUTING (BOTTOM VIEW) DETAIL	E.D.	E.D.

NOTE:

SEE BELOW FOR PREVIOUS REVISIONS.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A00	NEW RELEASE ECN-002680	6/12/2002	I KENNEDY
B00	REVISED PER ECN-002822	8/21/2002	I KENNEDY
C00	REVISED PER ECN-003493	6/6/2005	I KENNEDY
1	REVISED PER ECO BR-3819	9/5/2009	RH
5	REVISED PER XFMR CHANGE	4/3/2017	G. RAMIREZ

FILE: 90-505001-00REV5	INITIALLY DRAWN BY: YRS	FILE REV: 4
INITIAL RELEASE: 14-JAN-02	INITIALLY APPROVED BY: JC/IK	DATE: 3-ABR-2017