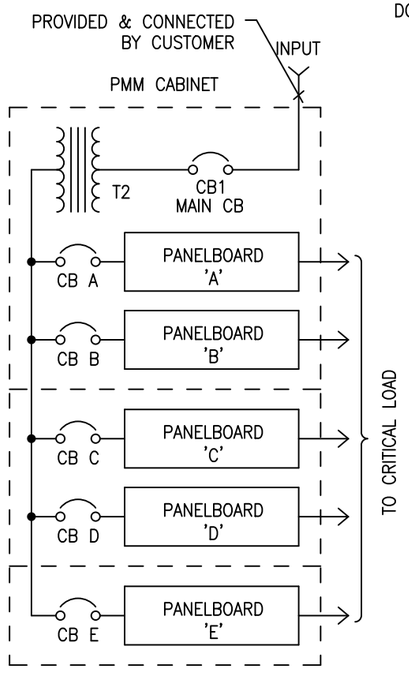
TABLE 1:
INPUT POWER CONNECTIONS/WEIGHT/HEAT REJECTION

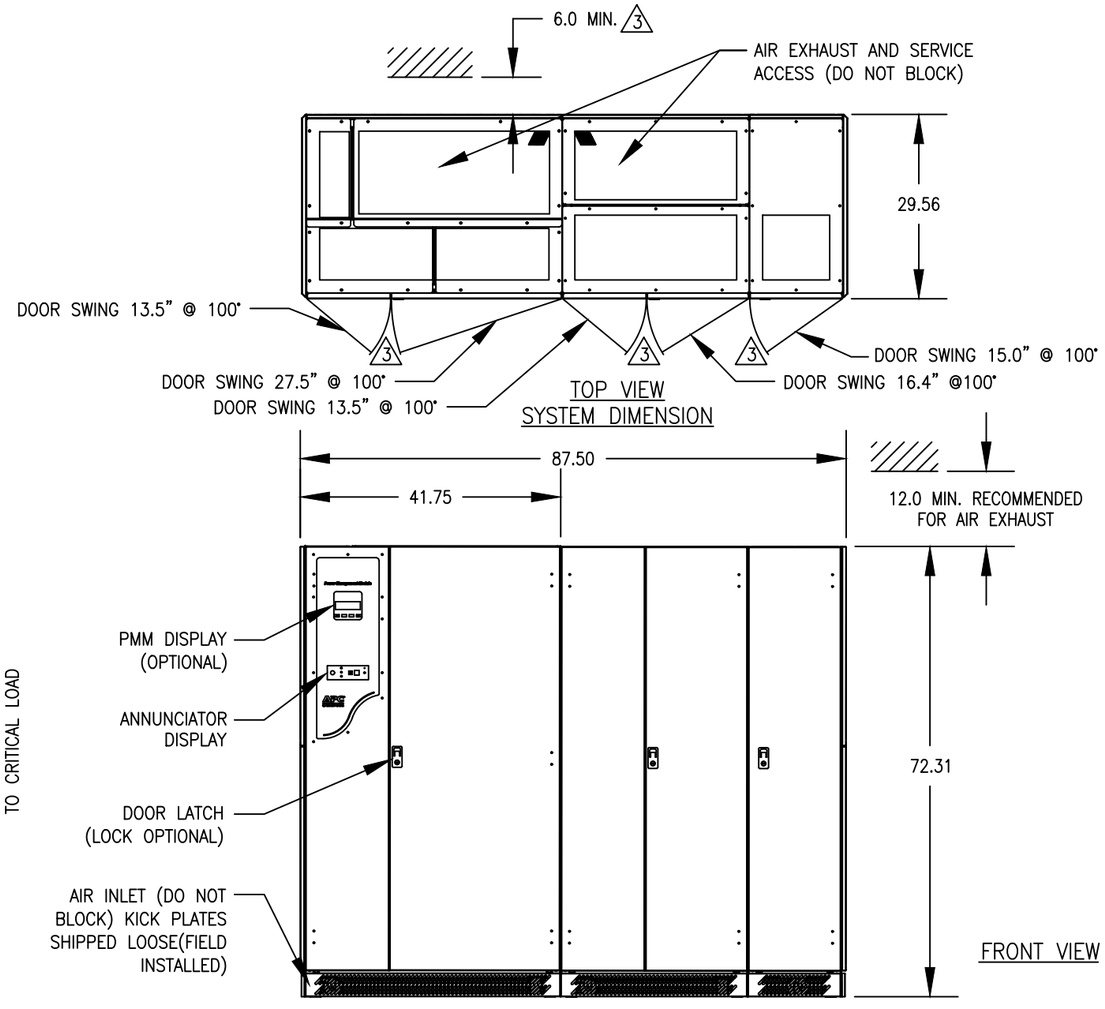
SYSTEM KVA	INPUT VOLTS	INPUT CIRCUIT BREAKER TRIP AMPS	CONNECTOR LUG WIRE RANGE STANDARD CB	CONNECTOR LUG WIRE RANGE HI–INTERRUPT CB	CONDUIT SIZE (6)	WT.(LBS.)	BTU/HR (4)
100	480	150	(1) #4 – 350	(1) #4 – 350	2	2330	5800
125	480	200	(1) #4 – 350	(1) 1/0 – 350	2	2720	6500
125	600	150	(1) #4 – 350	(1) #4 – 350	2	2720	6500
150	380	300	(1) #1 – 600	(3) 3/0 – 500	(2) 2 1/2	3100	7300
150	480	225	(1) #4 – 350	(1) 1/0 – 350	2	2930	7300
150	600	200	(1) #4 – 350	(1) 1/0 – 350	2	2930	7300
200	480	350	(1) #1 – 600	(3) 3/0 – 500	(2) 2 1/2	3170	9700
225	380	450	(3) 3/0 – 500	(3) 3/0 – 500	(2) 2 1/2	3480	9800
225	480	400	(1) #1 – 600	(3) 3/0 – 500	(2) 2 1/2	3350	9800
225	600	300	(1) #1 – 600	(3) 3/0 – 500	(2) 2 1/2	3350	9800

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





(1) 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 75' C.

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

(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

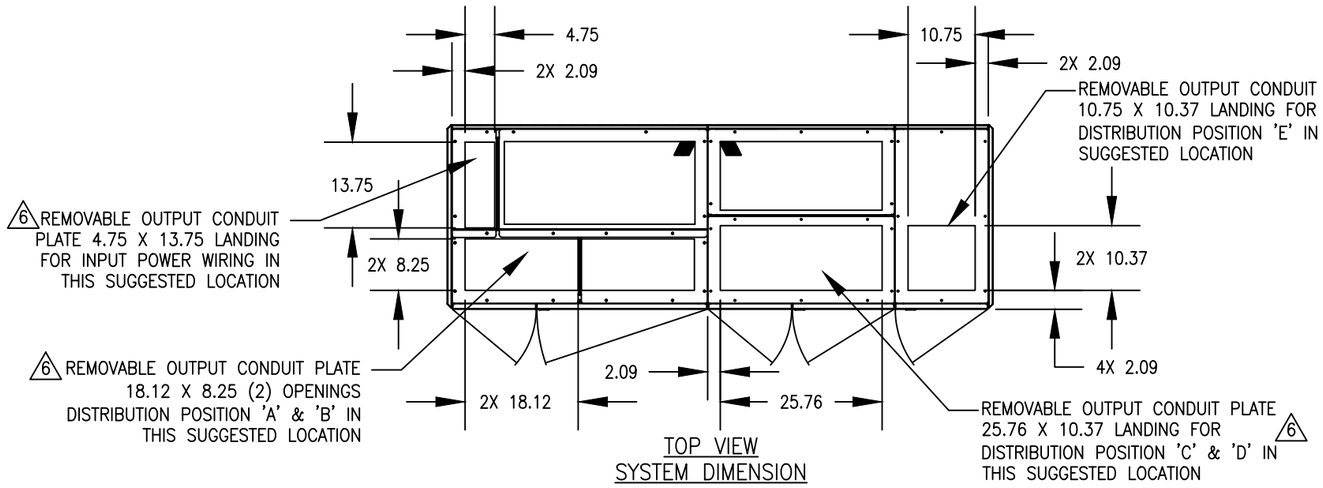
NOTES: UNLESS OTHERWISE SPECIFIED.

Schneider Electric

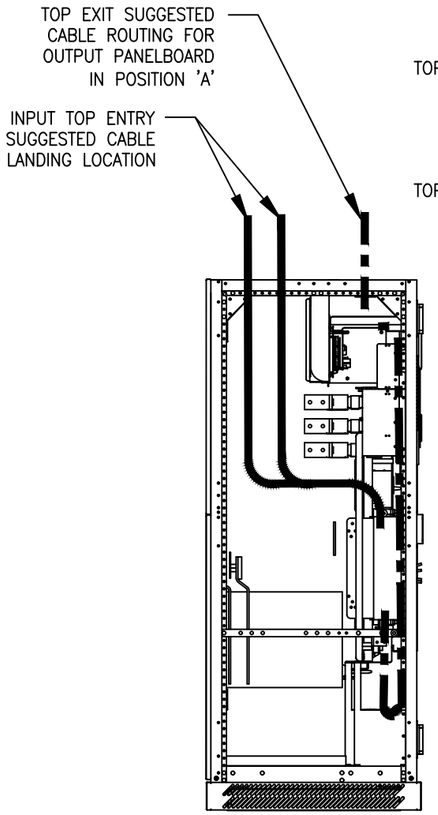
TITLE: MGE POWER MANAGEMENT MODULE SYSTEM 210 PMM INSTALLATION DRAWING

PROJECT: STD SUBMITTAL DRAWINGS | SHEET 1 OF 3

DWG NO: 90–505003–00			REV. 3
DRAWN:	YRS	14–JAN–02	THIRD ANGLE PROJ.
ENGINEER:	J CHEN	14–JAN–02	
APPROVED:	I KENNEDY	14–JAN–02	

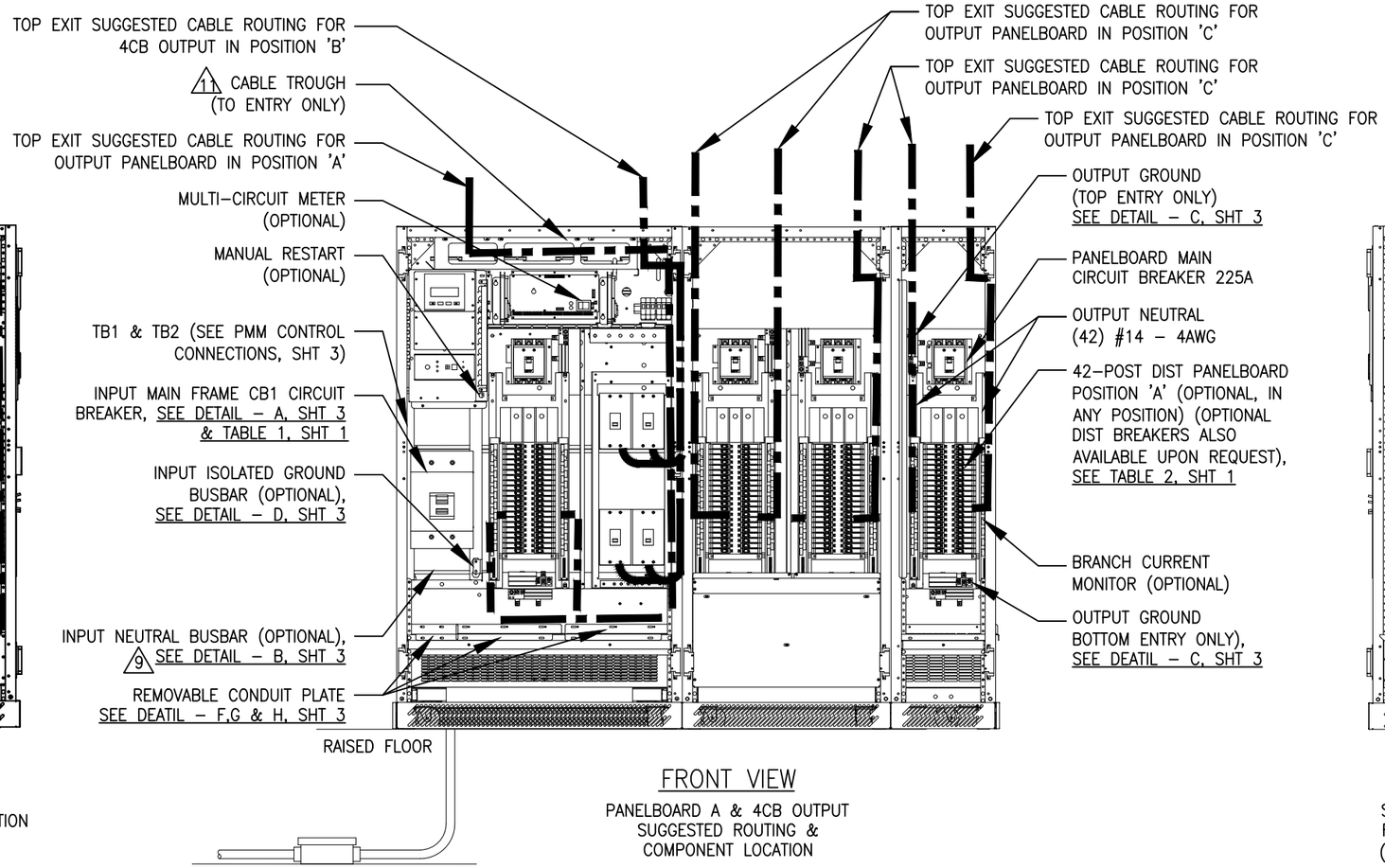


TOP VIEW
SYSTEM DIMENSION



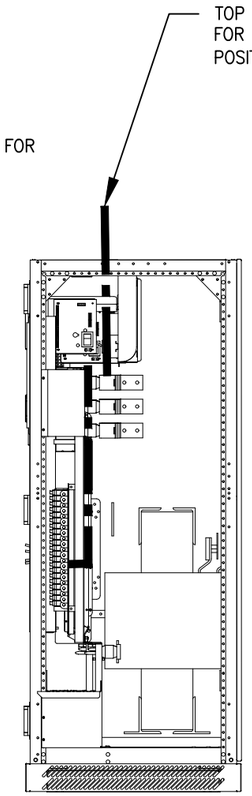
LEFT VIEW

SUGGESTED TOP INPUR
(SHOWING NO INPUT ISOLATION TRANSFORMER OPTION)



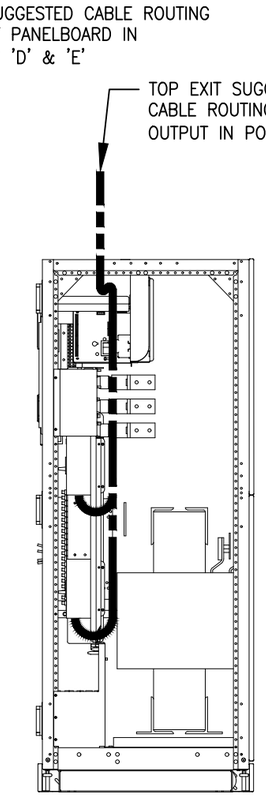
FRONT VIEW

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

NOTES: UNLESS OTHERWISE SPECIFIED.

Schneider Electric

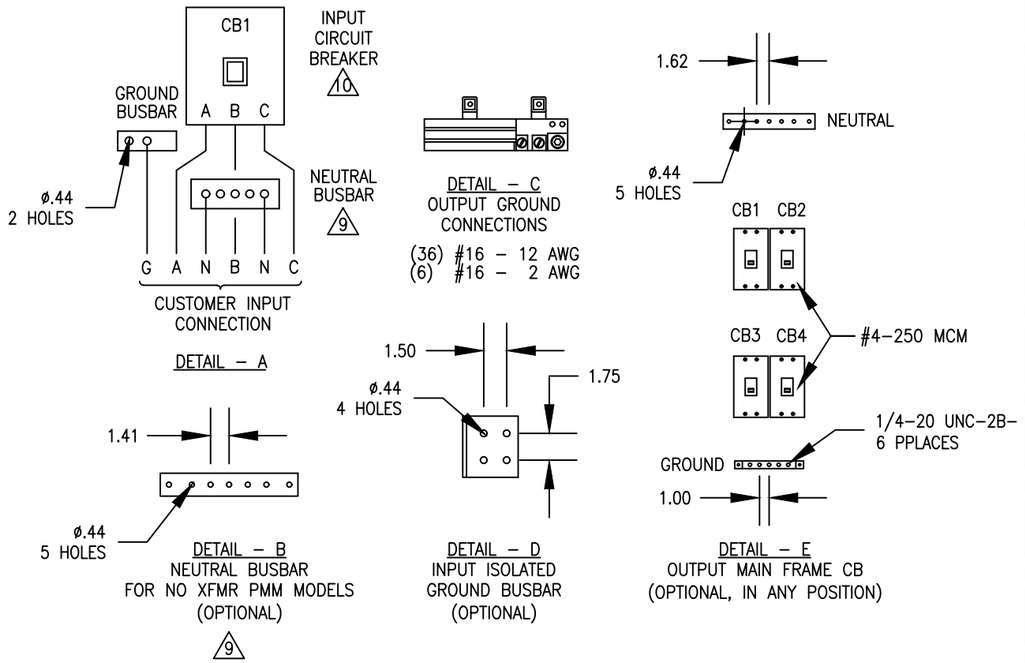
TITLE: MGE POWER MANAGEMENT MODULE SYSTEM 210 PMM INSTALLATION DRAWING

DWG NO: 90–505003–00 REV. 2

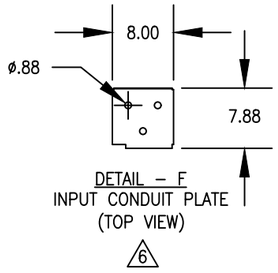
DRAWN:	YRS	14–JAN–02
ENGINEER:	J CHEN	14–JAN–02
APPROVED:	I KENNEDY	14–JAN–02

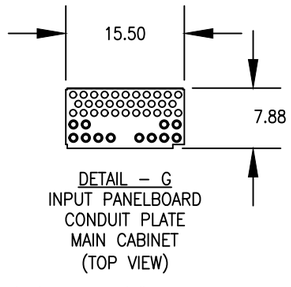
PROJECT: STD SUBMITTAL DRAWINGS | SHEET 2 OF 3

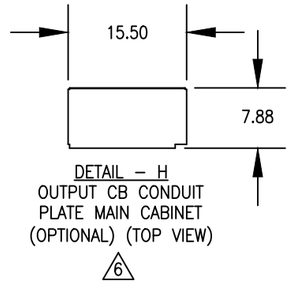
THIRD ANGLE PROJ.

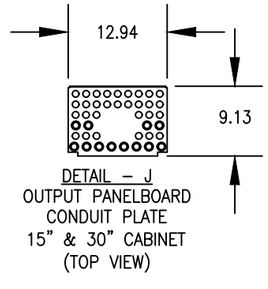


BUSBAR/CIRCUIT BREAKER/CUSTOMER CONNECTIONS





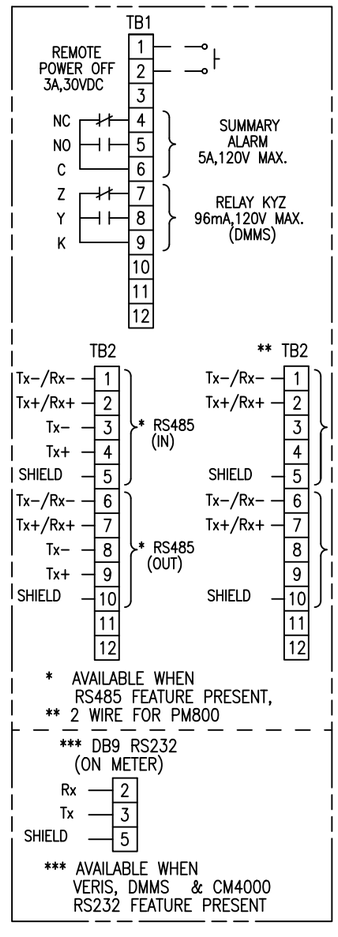


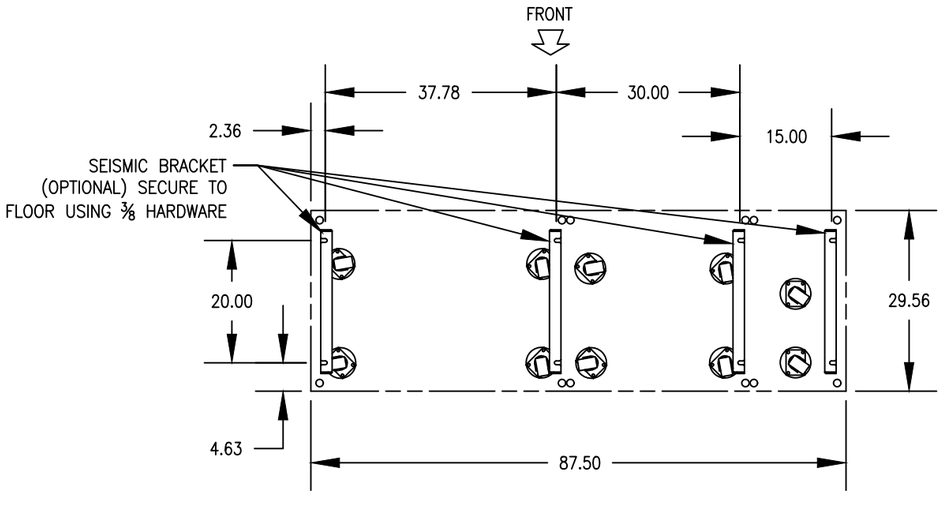


CONDUIT PLATES

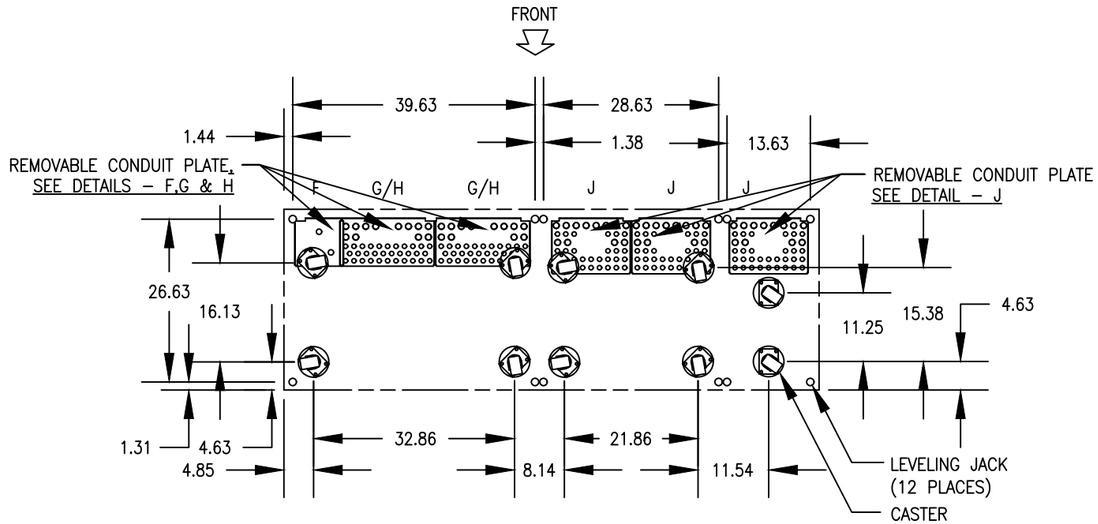
SEE SHT 2 FOR TOP CONDUIT LANDING LOCATIONS

PMM CONTROL CONNECTIONS





SEISMIC BRACKET
CONCRETE FLOOR MOUNTING
(BOTTOM VIEW)



CASTER/LEVELING JACK
LOCATIONS
(BOTTOM VIEW)

NOTES: UNLESS OTHERWISE SPECIFIED.

Schneider Electric

TITLE: MGE POWER MANAGEMENT MODULE SYSTEM 210 PMM INSTALLATION DRAWING

PROJECT: STD SUBMITTAL DRAWINGS | SHEET 3 OF 3

DWG NO:	90–505003–00	REV. 2
DRAWN:	YRS	14–JAN–02
ENGINEER:	J CHEN	14–JAN–02
APPROVED:	I KENNEDY	14–JAN–02

PROJ. ANGLE N/A

SHT	DRAWING NUMBER	REVISION									REVISION DESCRIPTION	REVISION INITIATED BY (ECO/ENGR)	REVISION APPROVED BY
		2											
1	90-505003-00_1	11/23/2010									SE TEMPLATE INCORPORATED	E.D.	E.D.
2	90-505003-00_2	11/23/2010									SE TEMPLATE INCORPORATED	E.D.	E.D.
3	90-505003-00_3	11/23/2010									SE TEMPLATE INCORPORATED	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-3918	9/30/2009	RH
3	REVISED PER XFMR CHANGE	3/24/2014	G. RAMIREZ

FILE: 90-505003-00REV3	INITIALLY DRAWN BY: YRS	FILE REV: 3
INITIAL RELEASE: 14-JAN-02	INITIALLY APPROVED BY: JC/IK	DATE: 24-MAR-17