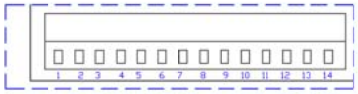
NOTES:

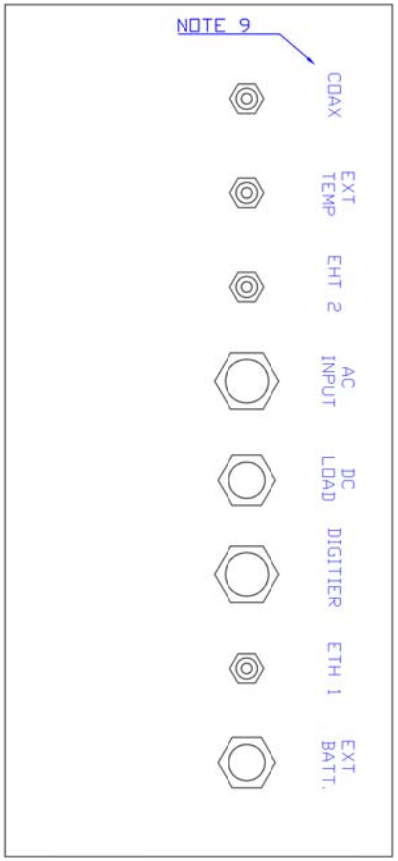
1. FOR WIRING, FOLLOW WIRING TABLE AND "SEISMIC STATION AC POWER SYSTEMS BLOCK DIAGRAM".
2. SOLDER WIRES TO CONNECTORS ITEM 14 - 20 AND COVER SOLDER JOINT WITH HEATSHRINK TUBING (ITEM 68); CUT ITEM 25 AND 26 TO THE LENGTH AS NEEDED.
3. INSTALL CONNECTORS ITEM 14-20 TO THE BOX; INSTALL THE TNC END OF COAX CABLE ASSEMBLY TO BOX, INSTALL OR LEAVE THE SMA END TO "Antenna" AT THE CELL MODEM POWER (ITEM 47).
4. CRIMP TWO TERMINAL RINGS (ITEM 48) ON WIRE (ITEM 49), 12" LONG, AND INSTALL TO THE BOX AS SHOWN IN DETAIL A.
5. ATTACH TIE-WRAP MOUNT ITEM 42 (17 PLACES) AS SHOWN.
6. APPLY TIE-WRAP (ITEM 43) TO SECURE WIRING AS NEEDED, SECURE TEMPERATURE PROBE INTERNAL (ITEM 6) TO AVOID CONTACTING TO METAL OF BOX.
7. SECURE WIRES WITH CABLE TIE ABOVE THE BATTERY BOX.
8. ATTACH ITEM 5, 33, 44, 45 AND 46 TO MODULES AS SHOWN.
9. PRINT AND APPLY LABELS BESIDE THE CONNECTORS ON THE BOX PANEL AS SHOWN.

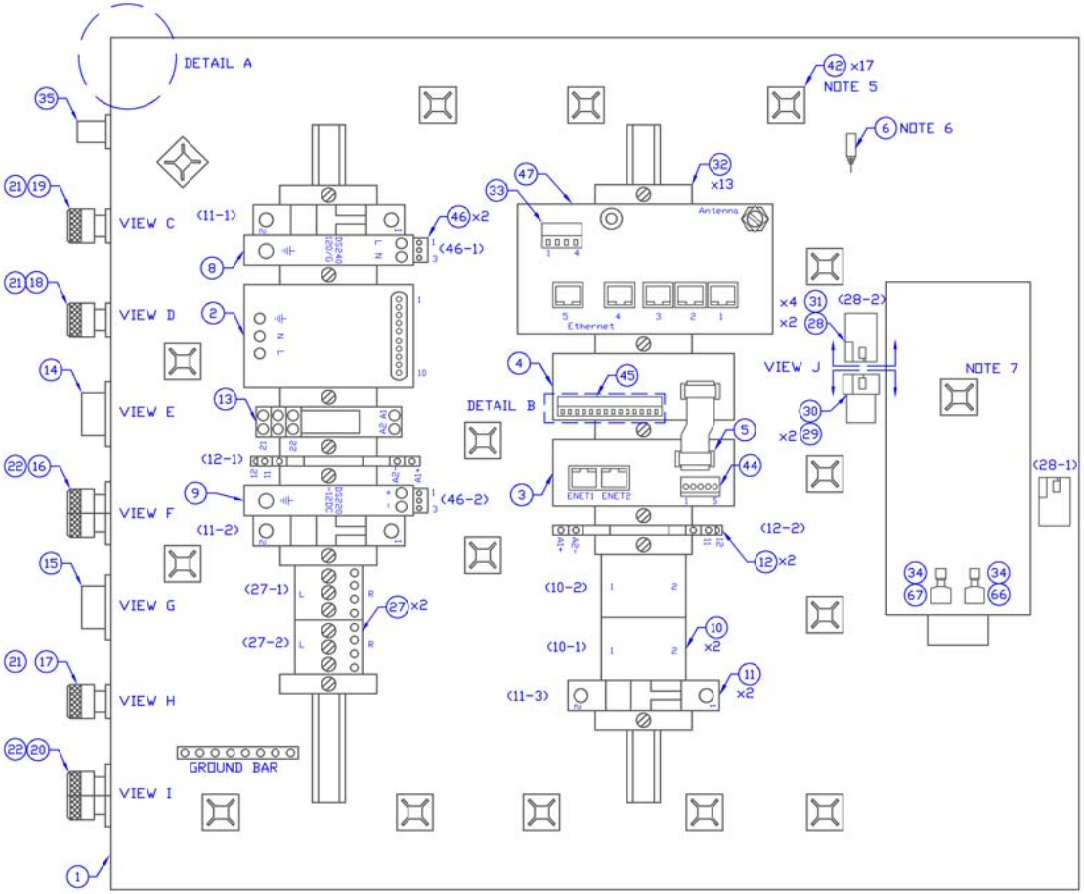
Revision Table					
REV	ZONE	DESCRIPTION	DATE	REV'D BY	APP'D BY
X1		PROTOTYPE	01/20/2016	J.Z.	

DETAIL A



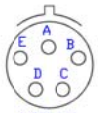
DETAIL B



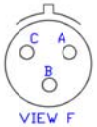


VIEW C

VIEW D



VIEW E



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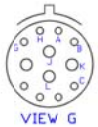
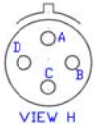
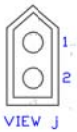


VIEW G



VIEW H

VIEW I



VIEW J

Tolerance Notes	
1	Unless otherwise specified dimensions are in INCHES.
2	All tolerances apply after finishing.
3	Coarse applies if tolerance not specified
4	Angles ±1°

THIRD ANGLE PROJECTION

General Tolerance

x=Dimension, in	x >-0.031 x <0.125	x > 0.125 x < 0.250	x > 0.250 x < 1.062	x > 1.062 x < 4.750	x > 4.75 x < 12.0	x > 12.0 x < 36.0	x > 36.0 x < 72.0
Fine	±0.002	±0.002	±0.004	±0.006	±0.008	±0.012	±0.02
Medium	±0.004	±0.004	±0.008	±0.012	±0.020	±0.030	±0.05
Coarse	...	±0.008	±0.020	±0.030	±0.050	±0.080	±0.12

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TITLE: AC Power System

Drawn: J. ZHONG
Date: 01/20/2016
Checked:
Date:

DWG SIZE: B | SCALE: N/A | DWG No.: AC PWR SYS | REV: X1 | SHT 1 OF 3