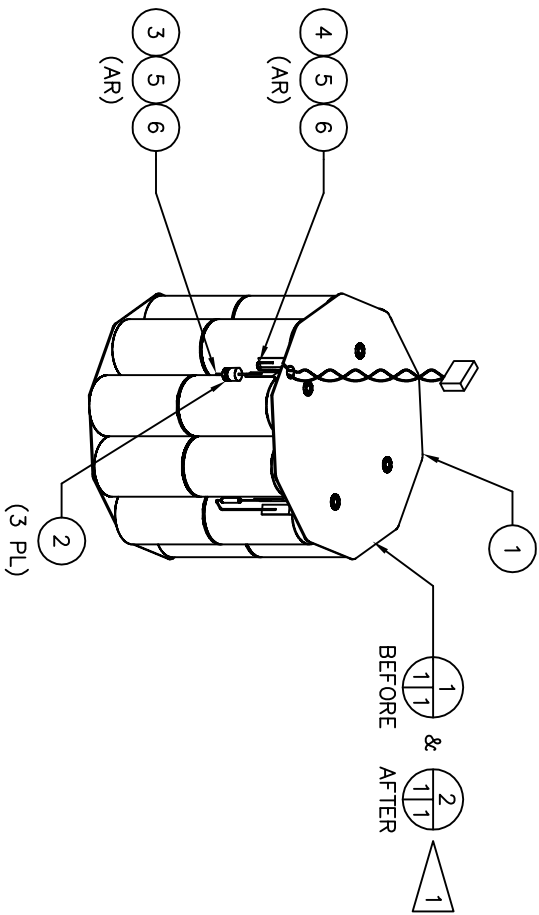
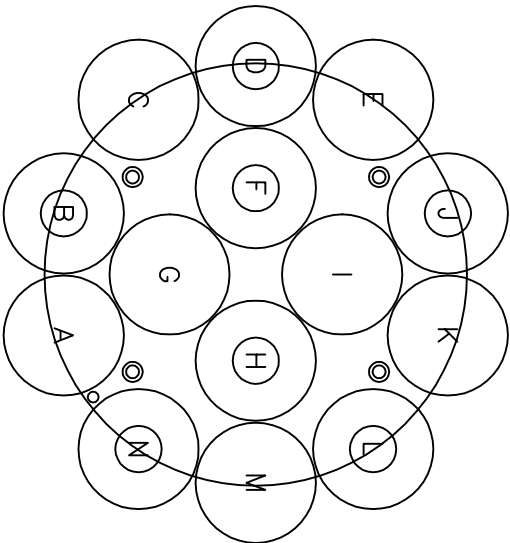


THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE MDCR ENGINEERING DEPARTMENT.	REVISIONS	
	ZONE	LIR
	DESCRIPTION	DATE
		APPROVED

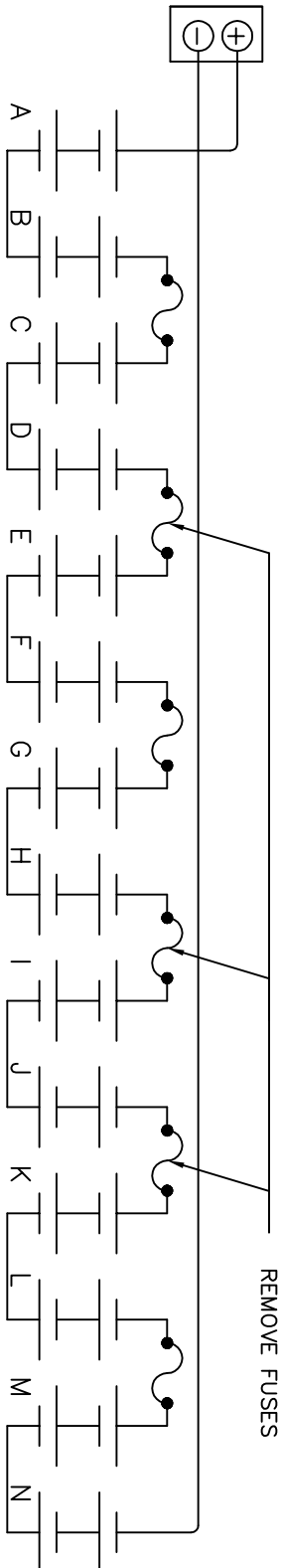
NOTES

MODIFY 28 CELL 42 VDC BATTERY BY REMOVING NOTED FUSES AND ADDING DIODES AND WIRING. SOLDER WIRES AND DIODES TO RIBBON, ITEM 5, AND USE HI-RES WELDER TO ATTACH TO CELLS. TO AVOID CELL DAMAGE OR FAILURE, DO NOT APPLY SOLDERING IRON DIRECTLY TO CELLS. COVER EXPOSED ENDS OF RIBBON WITH SLEEVING, ITEM 6.



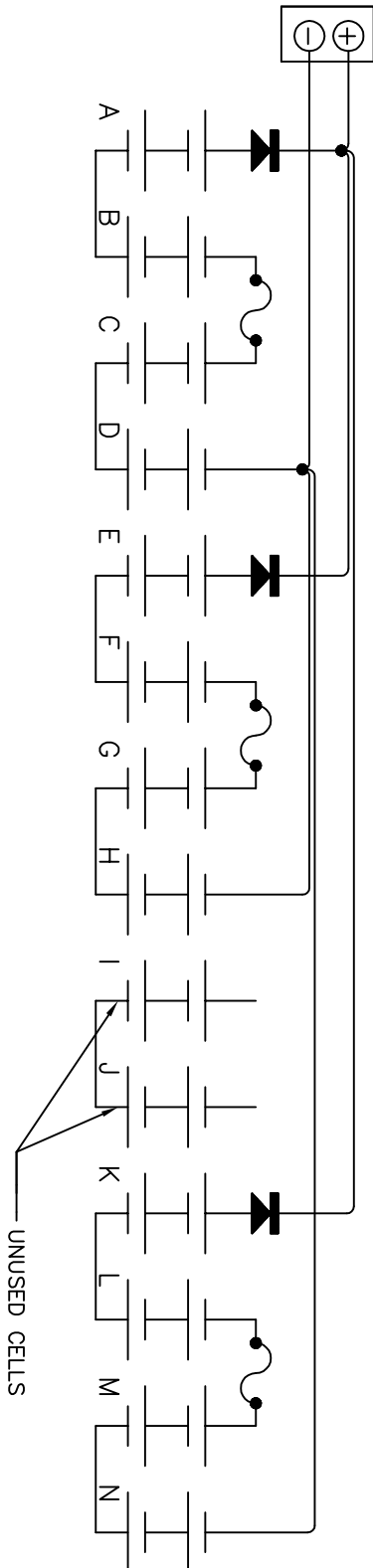
DETAIL

INITIAL BATTERY SCHEMATIC



DETAIL

FINISHED BATTERY SCHEMATIC



MODIFICATION DRAWING

—	AR		SLEEVE/ING, SHRINK, CLEAR, 0.375	3678	—	6
—	AR		RIBBON, NICKEL PLATED STEEL, 0.220 X 0.005 THK, 7 LB ROLL	14084	—	5
—	AR		WIRE, HOOKUP, 16 AWG, TFE, SILVER PLATED STRANDS, BLK	12010	ALPHA 5858-2	4
—	AR		WIRE, HOOKUP, 16 AWG, TFE, SILVER PLATED STRANDS, RED	12011	ALPHA 5858-3	3
—	3		DIODE, SCHOTTKY, 1 AMP 20 VDC, 1N5817	13491	TI 1N5817	2
—	1		BATTERY, ADCP, 42 VDC, 28 ALKALINE D CELLS WITH CONNECTOR, 4 HOLE MT	8618	RDI 757K6023-00	1
—002-001						
QTY	NOTES	PARTS LIST DESCRIPTION NDBC CONTROL NO. PART/SPEC. NUMBER ZONE ITEM NO.				

SCM 12 VDC - 24 D-CELL BATTERY PACK ASSEMBLY -001

REVISED: 12/11/09
DISCARD ALL PRIOR DWGS

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