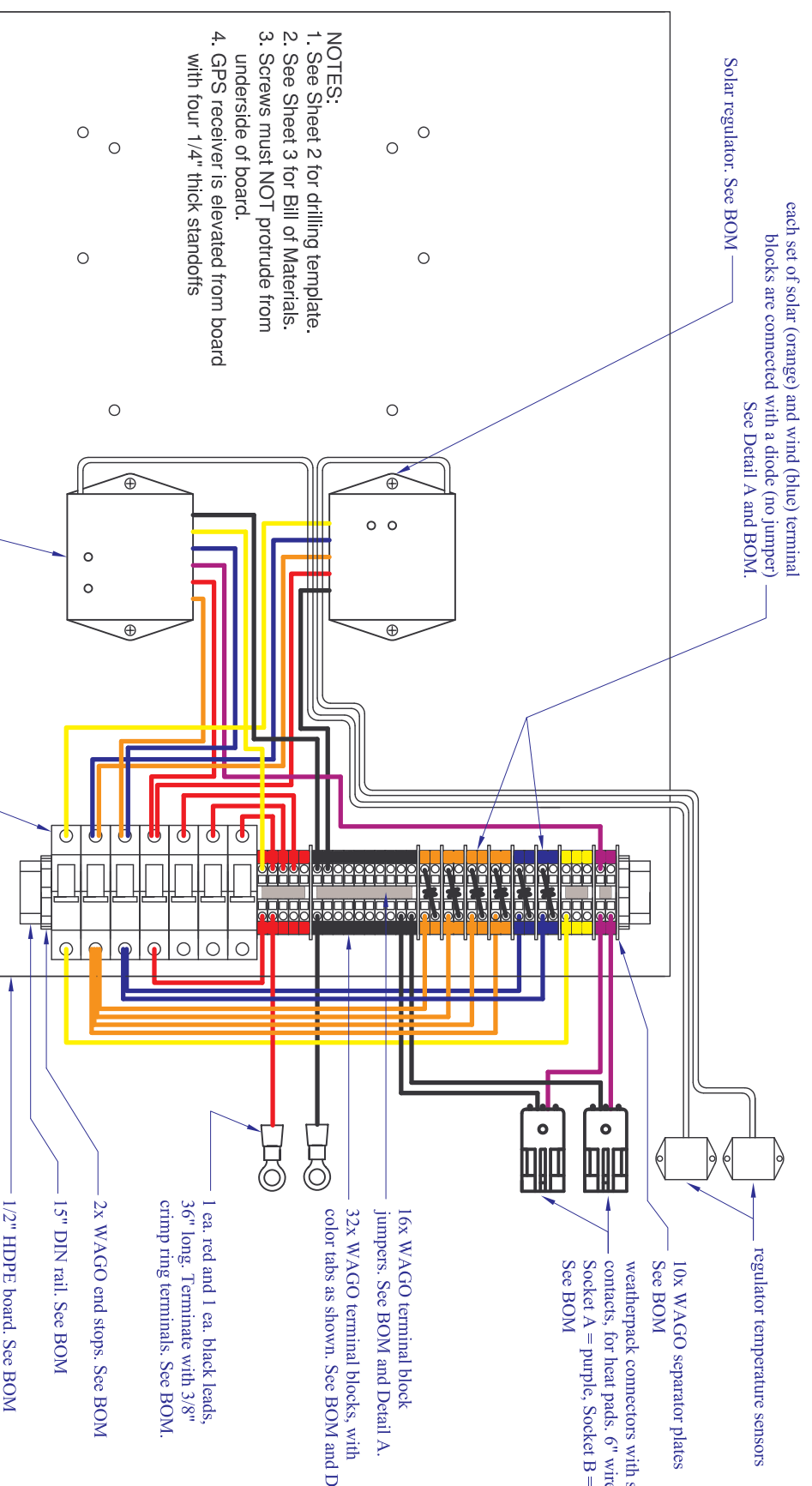
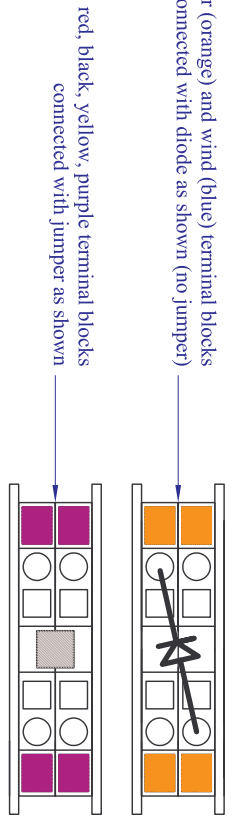


REV	Description	Date	Appr.	E	Shorten board, remove velcro, coax plug, black wire. New regulator P/N's. Removed UNAVCO assembly sheet (former sheet 2).	6-23-11
A	Initial release	5-13-09				
B	Wind and solar regulator notes updated.	6-2-09		F	Timer location dimensioned, separate dwg for Solar Only board.	1-14-12
C	Rotate terminal blocks, remove wire duct.	6-4-09	BJ	G	Add diodes to solar/wind circuits, breakers to aux. battery circuits, heat pad connectors.	5-8-13
D	Move NetRS+timer, more term. blocks, add BOM	11-13-09	BJ		Remove timer. Add drilling sheet 2, BOM now sheet 3.	




- NOTES:
1. See Sheet 2 for drilling template.
 2. See Sheet 3 for Bill of Materials.
 3. Screws must NOT protrude from underside of board.
 4. GPS receiver is elevated from board with four 1/4" thick standoffs



solar (orange) and wind (blue) terminal blocks are connected with diode as shown (no jumper)

red, black, yellow, purple terminal blocks connected with jumper as shown

DETAIL A

	
Polar Permanent GPS Station "Full" Electronics Board 4 Solar, 2 Wind, 1 Main + 3 Aux Battery Banks	
UNAVCO, Inc. POLAR SERVICES 6350 Nautilus Dr., Boulder CO 80301 303-381-7500, 303-381-7451 fax	
Part Number	Rev
PPS-DC-007	G
Drawing:	S. White
Engineering:	S. White
Approval:	
Date Modified:	May 8 2013
SHEET	1 OF 3