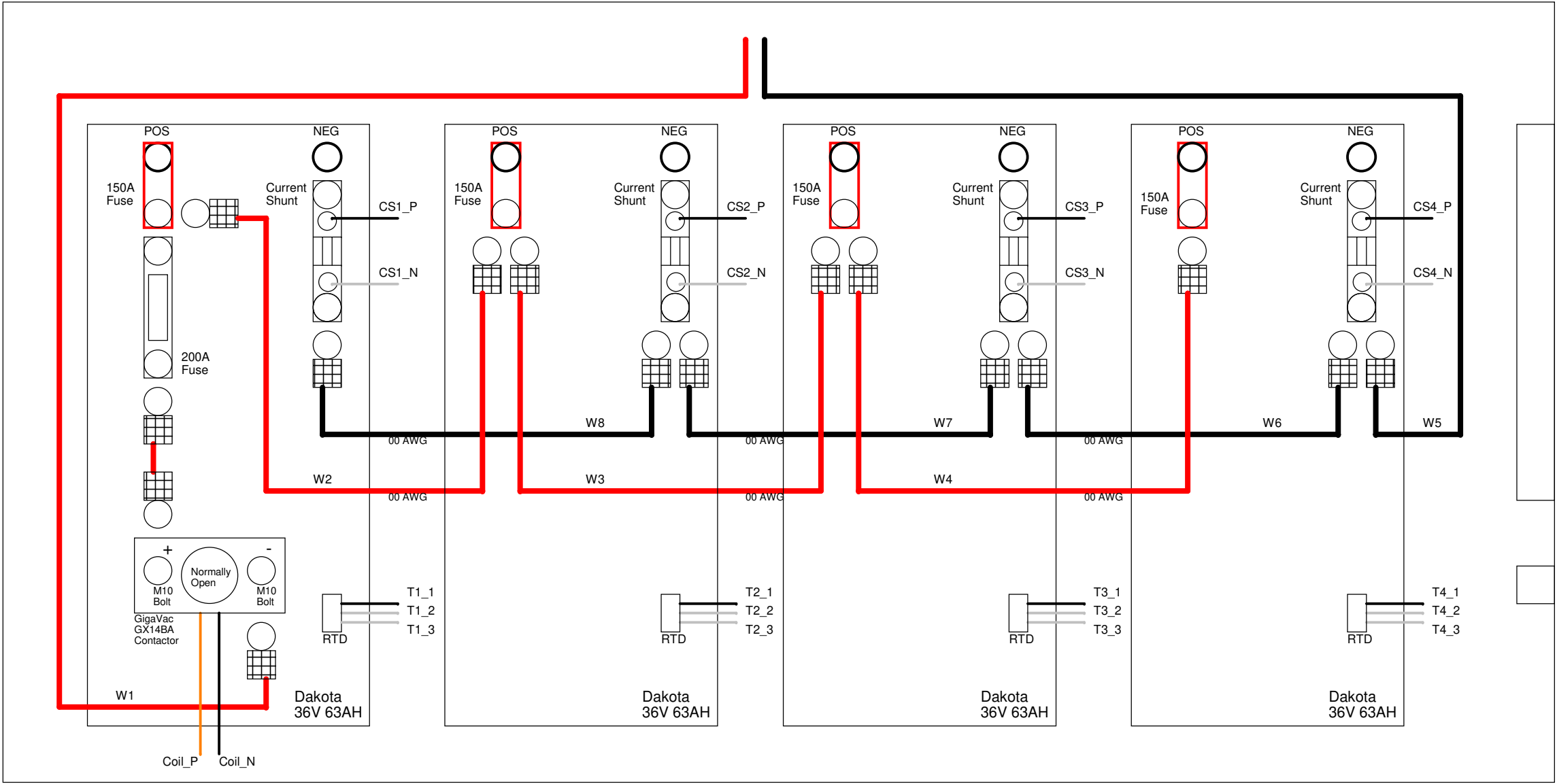




Connectors TBD

CS1_P
CS1_N
CS2_P
CS2_N
CS3_P
CS3_N
CS4_P
CS4_N
T1_1
T1_2
T1_3
T2_1
T2_2
T2_3
T3_1
T3_2
T3_3
T4_1
T4_2
T4_3

To Cabin (x20)

Coil_P
Coil_N

To Manual Cutoff Switch (x2)

- Notes:
- Everything is enclosed in a single metal box (or two metal boxes).
 - Metal firewalls between each battery are needed.
 - Coil connections (Coil_P and Coil_N) for contactor go to a manual cutoff switch.
 - Current shunt monitor signals go to cabin front panel meter.
 - Temp sensor signals go to cabin front panel meter.
 - W2, W3, W4, W6, W7, and W8 need to be the same lengths.
 - Are the output 00AWG wires going to be attached to Moroso Panel Feedthroughs?



Schematic Name: Post Review Drawings			
Page Title: Battery Box		Engineer: <Engineer>	
Project Name: <Project Name>		Designer: <Designer>	
Group Name: <System>	System: <Subsystem>	Subsystem: <Subsystem>	Last Updated By: <Updated By>
Drawing Number: <MBARI DN>	Release: <Rev>	Version: <Version>	Status: <Status>
Page Modify Date: Tuesday, May 11, 2022	Check In Date: <JCID>	Sheet	Page Count