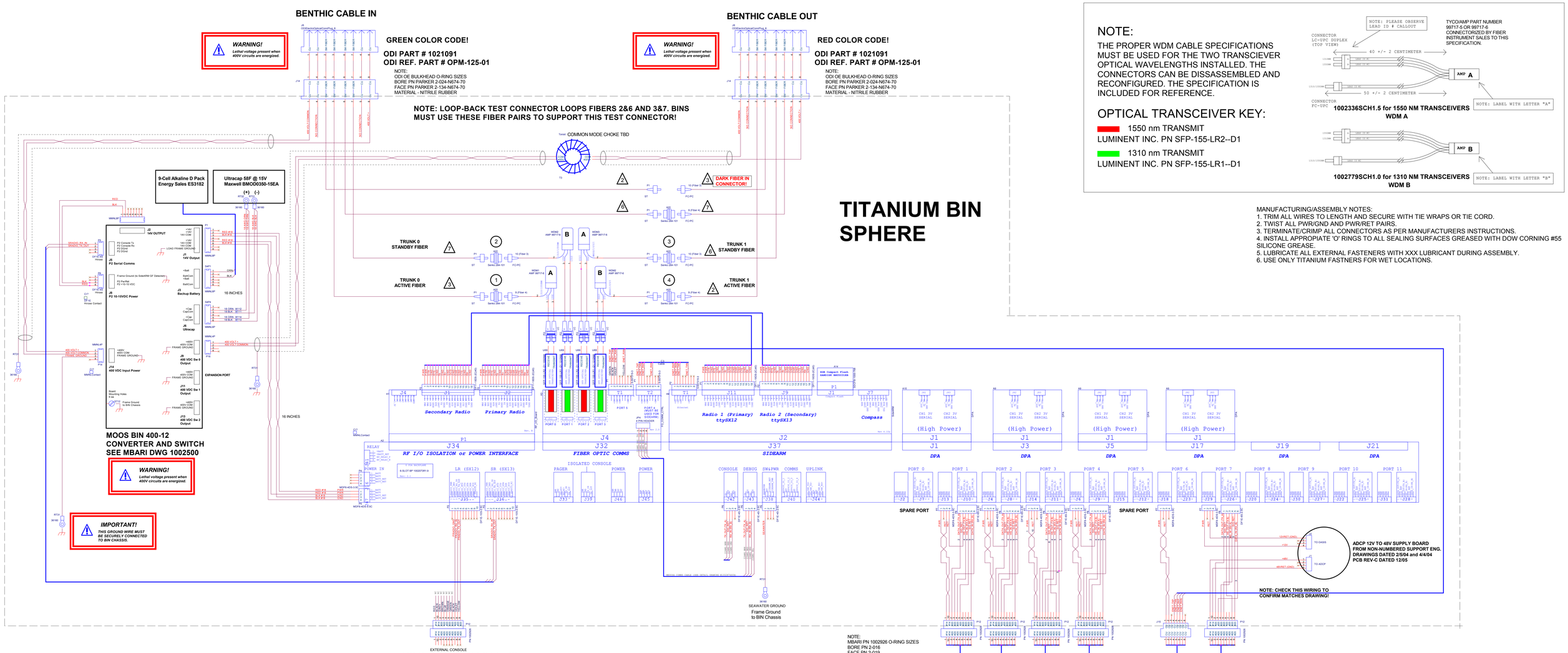

MTM4/MSE SHELF BIN ELECTRICAL ASSEMBLY

NOTE:

THE PROPER WDM CABLE SPECIFICATIONS MUST BE USED FOR THE TWO TRANSCIEVER OPTICAL WAVELENGTHS INSTALLED. THE CONNECTORS CAN BE DISSASSEMBLED AND RECONFIGURED. THE SPECIFICATION IS INCLUDED FOR REFERENCE.

OPTICAL TRANSCEIVER KEY:

1550 nm TRANSMIT
LUMINENT INC. PN SFP-155-LR2--D1

1310 nm TRANSMIT
LUMINENT INC. PN SFP-155-LR1--D1

NOTE: PLEASE OBSERVE LEAD ID # CALLOUT

TYCO/AMP PART NUMBER 99717-5 OR 99717-6 CONNECTORIZED BY FIBER INSTRUMENT SALES TO THIS SPECIFICATION.

CONNECTOR LC-UPC DUPLEX (TOP VIEW)

40 +/- 2 CENTIMETER

50 +/- 2 CENTIMETER

CONNECTOR FC-UPC

1002336SCH1.5 for 1550 NM TRANSCEIVERS WDM A

NOTE: LABEL WITH LETTER "A"

1002779SCH1.0 for 1310 NM TRANSCEIVERS WDM B

NOTE: LABEL WITH LETTER "B"

MANUFACTURING/ASSEMBLY NOTES:

1. TRIM ALL WIRES TO LENGTH AND SECURE WITH TIE WRAPS OR TIE CORD.
2. TWIST ALL PWR/GND AND PWR/RET PAIRS.
3. TERMINATE/CRIMP ALL CONNECTORS AS PER MANUFACTURERS INSTRUCTIONS.
4. INSTALL APPROPIATE 'O' RINGS TO ALL SEALING SURFACES GREASED WITH DOW CORNING #55 SILICONE GREASE.
5. LUBRICATE ALL EXTERNAL FASTENERS WITH XXX LUBRICANT DURING ASSEMBLY.
6. USE ONLY TITANIUM FASTNERS FOR WET LOCATIONS.