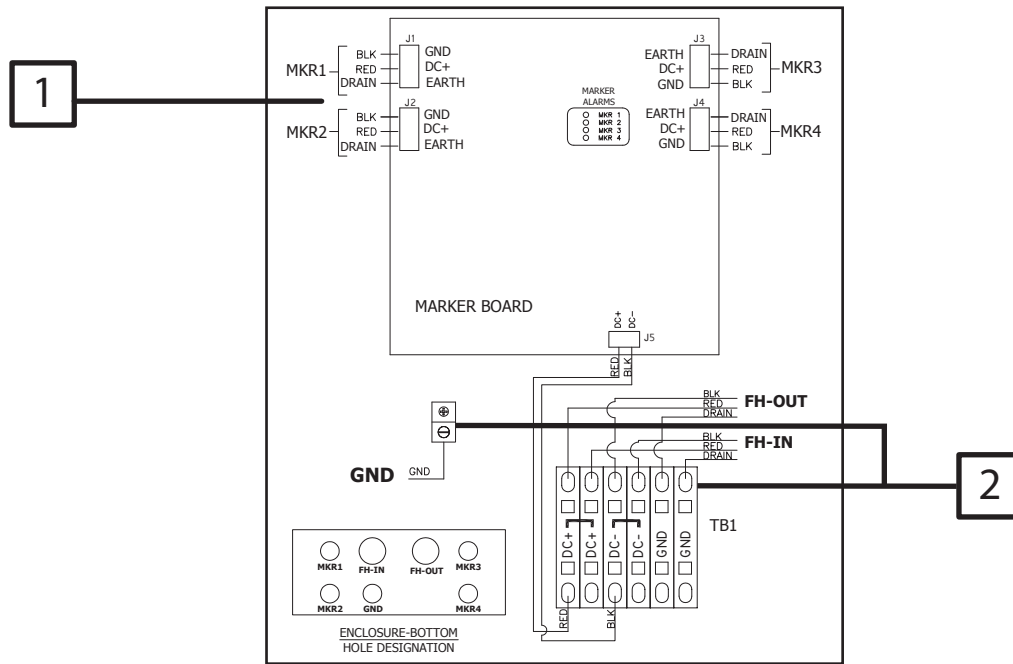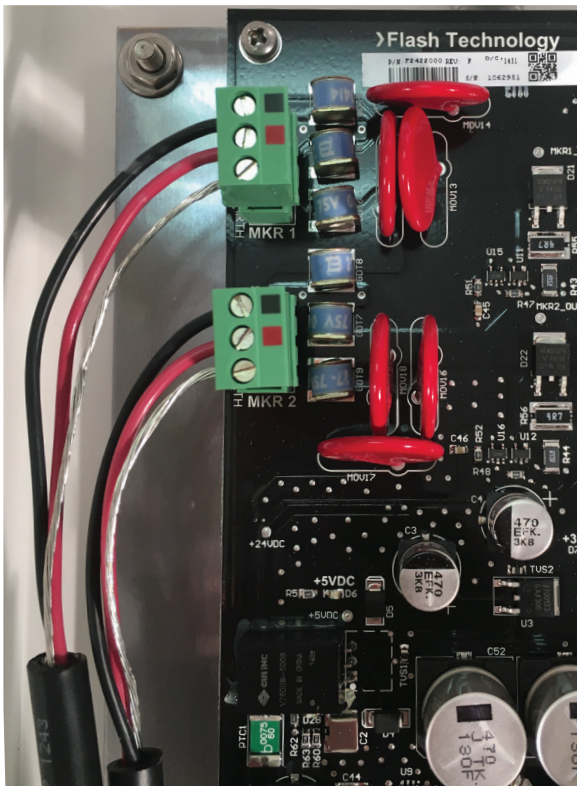# Vanguard® Marker Junction Box Installation



## 1 Marker Connections

Ensure side marker cable connections match all PCB labels and included wiring diagram found on the inside of the marker box.

IMPORTANT! Connections are polarity sensitive, correct wiring is critical for proper operation.



NOTE!! If using V3.4 Firmware or above the markers can be connected to any of the (4) outputs on the board.

## 2 Flash Head Cable & Ground Connections

The flash head cable will tie into the marker box using the terminal block located in the lower right corner. Ensure the wiring coming from the flash head and from the system controller are wired to match polarity on the color coded terminal block as seen below.

Use a #8 AWG wire to properly ground the marker box. Coat both ends with a corrosion inhibitor.

NOTE!! Ensure wiring is connected according to color coded guidelines as seen below.
(red, red, black, black, ground, ground)