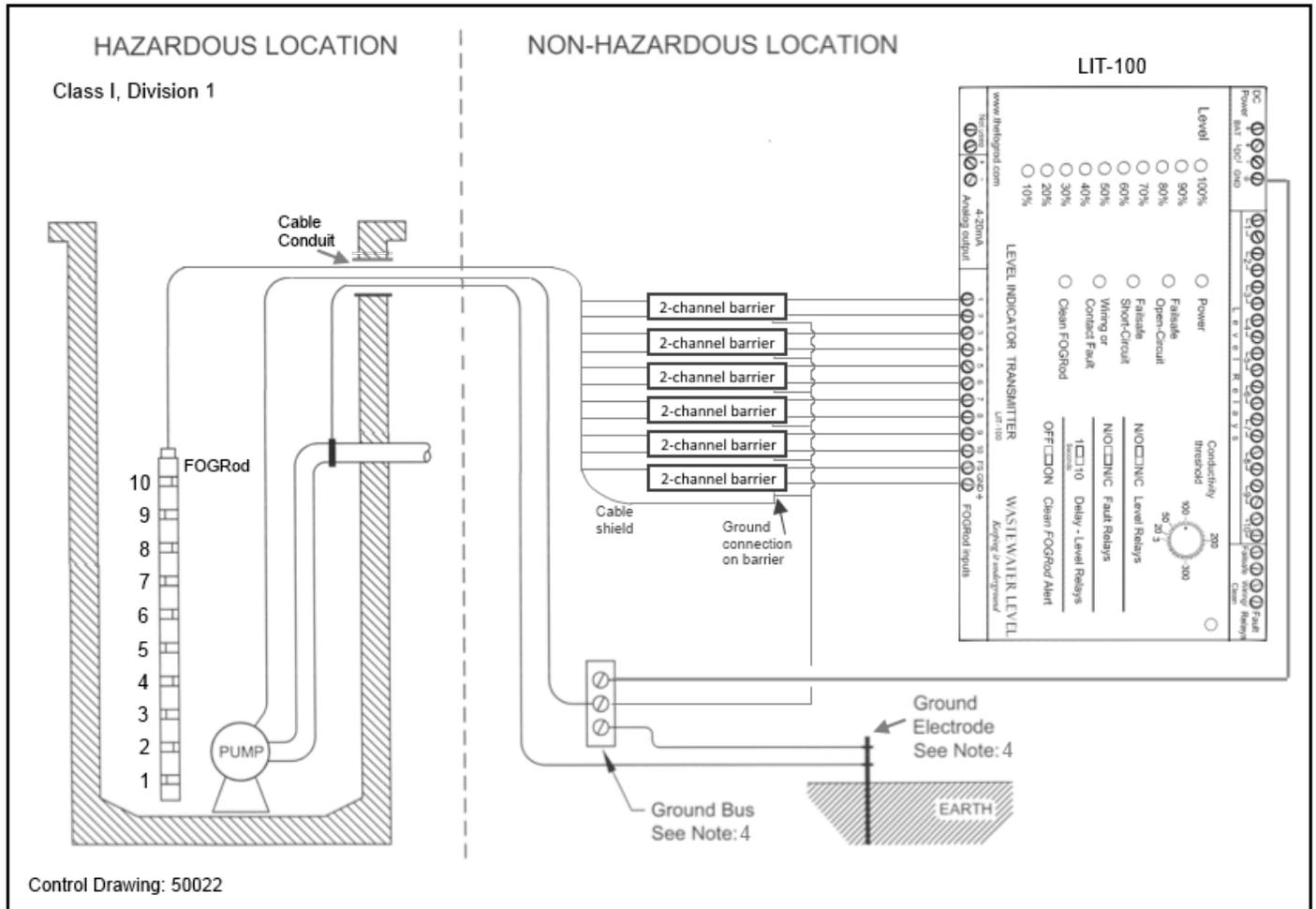


Class I Division 1

The FOGRod is suitable for use in Class I Division 1 locations when connected to the LIT in an unclassified area through an approved intrinsically safe barrier. Examples are 2-channel barriers: R Stahl 9002/77-220-146-001 and P&F Z967. Wastewater Level has tested these barriers with the FOGRod and LIT.

Control Drawing 50022:



1. Installation shall be done in accordance with the National Electric Code
2. Maximum distance between the FOGRod and LIT shall be 150 feet. Cable capacitance is calculated as 60 pF/ft = 9 pF maximum; cable inductance as 0.2 uH/ft = 30 uH maximum
3. The hazardous location ground and the LIT ground must be connected to the ground bus in the panel
4. The FOGRod is a "simple apparatus" under NEC 504.2 and therefore does not need a UL listing as stated in NEC 504.4



WARNING - EXPLOSION HAZARD - Do not replace FOGRod or cable unless power has been switched off or the area is known to be non-hazardous