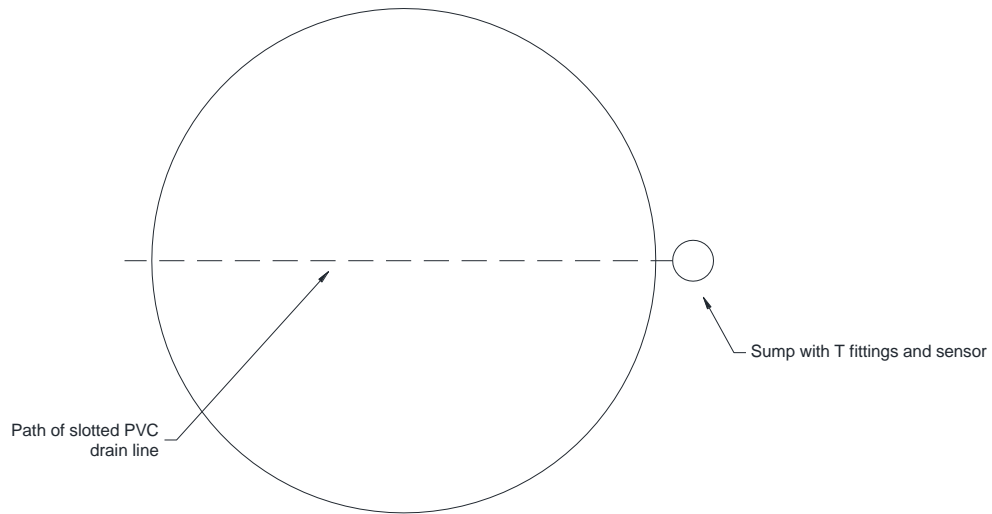
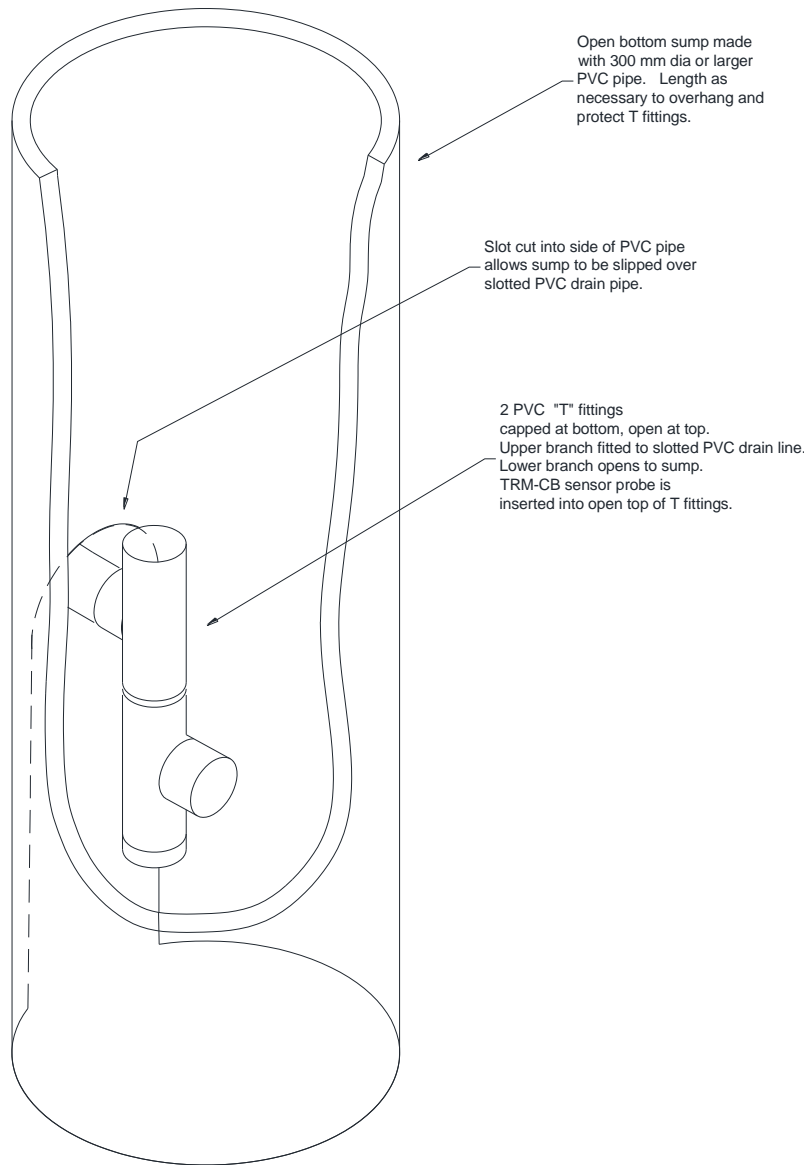


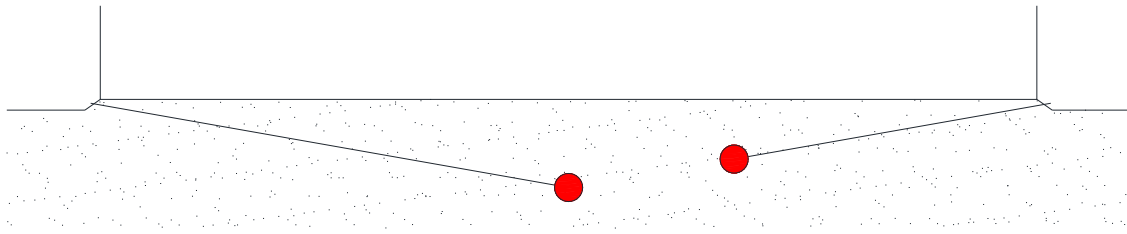
Monitoring method for tanks up to 15m in diameter.  
 Single run of Schedule 80 slotted PVC conduit  
 installed by horizontal drilling machine set to -10 to -12 degree  
 down slope. Drains to low point sump as shown



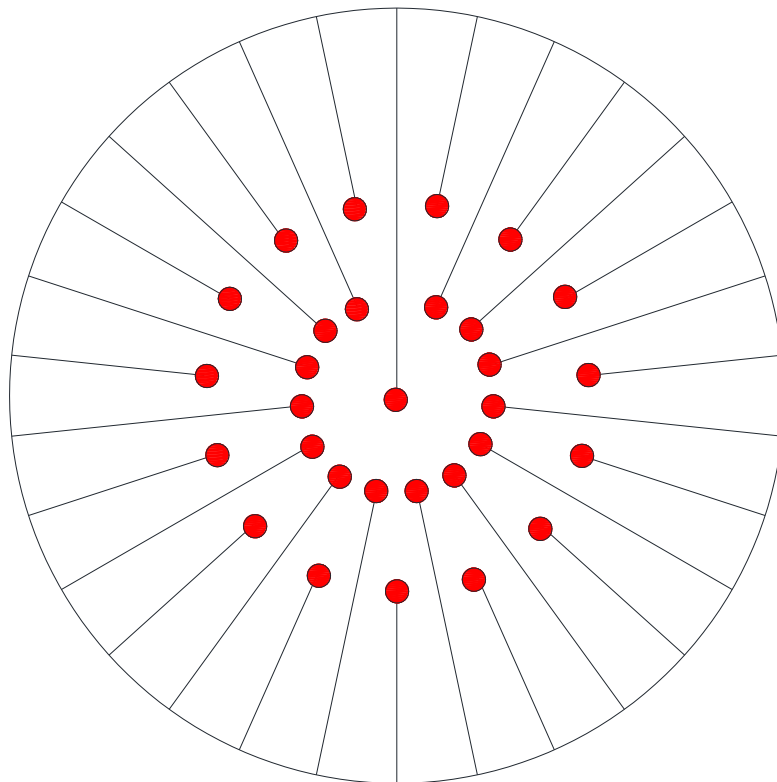
Plan view of drain pipe and sump



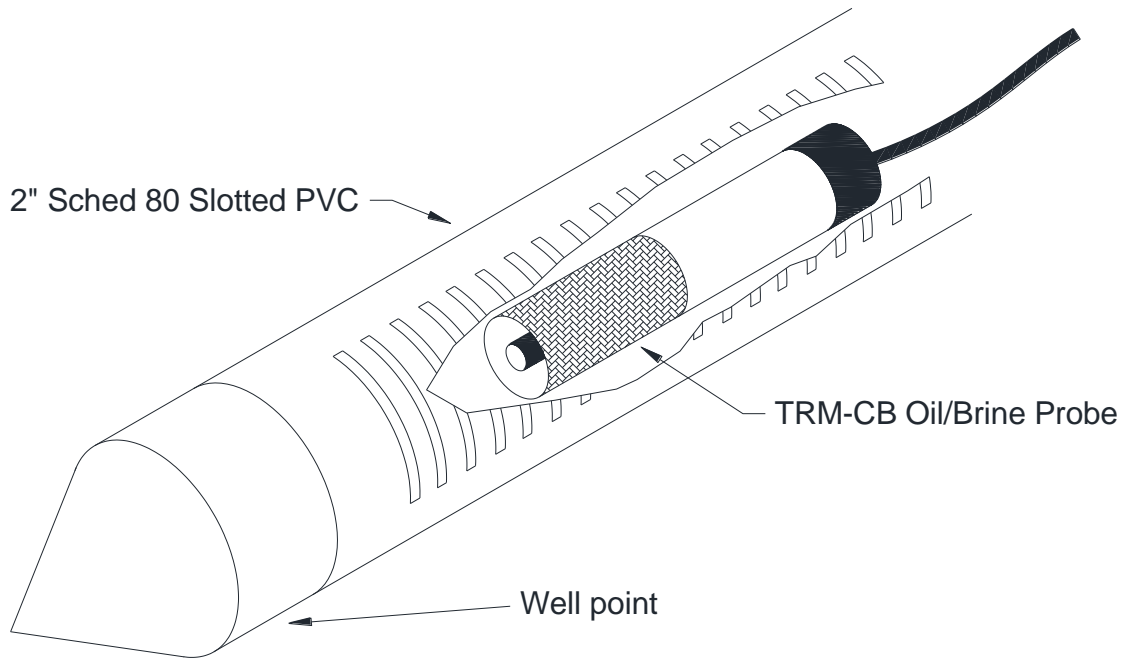
Low point sump is fabricated from 300 mm or larger PVC pipe. Note slot cut into one side of sump so that sump can be slipped over slotted PVC drain pipe as it is lowered into place. T-fittings are placed as shown with bottom leg capped and top left open. Any liquids draining through slotted PVC fills lower portion of T assembly before draining into sump. TRM-CB oil/brine sensor is slipped into T assembly from top.



Cross Secion view for TRM-CB sensor placement.  
 Directional boring for 2" slotted PVC at 10 to 12 degree downslope.



Plan view indicating horizontal boring and probe placement for 100 m dia tank.  
 Borings are suggested at approximately 10m intervals around circumference of tank.  
 For this 100 m diameter tank, the circmference is 314 m, therefore 32 boringins.



2" Slotted PVC with well point  
TRM-CB probe is positioned at low point of each boring