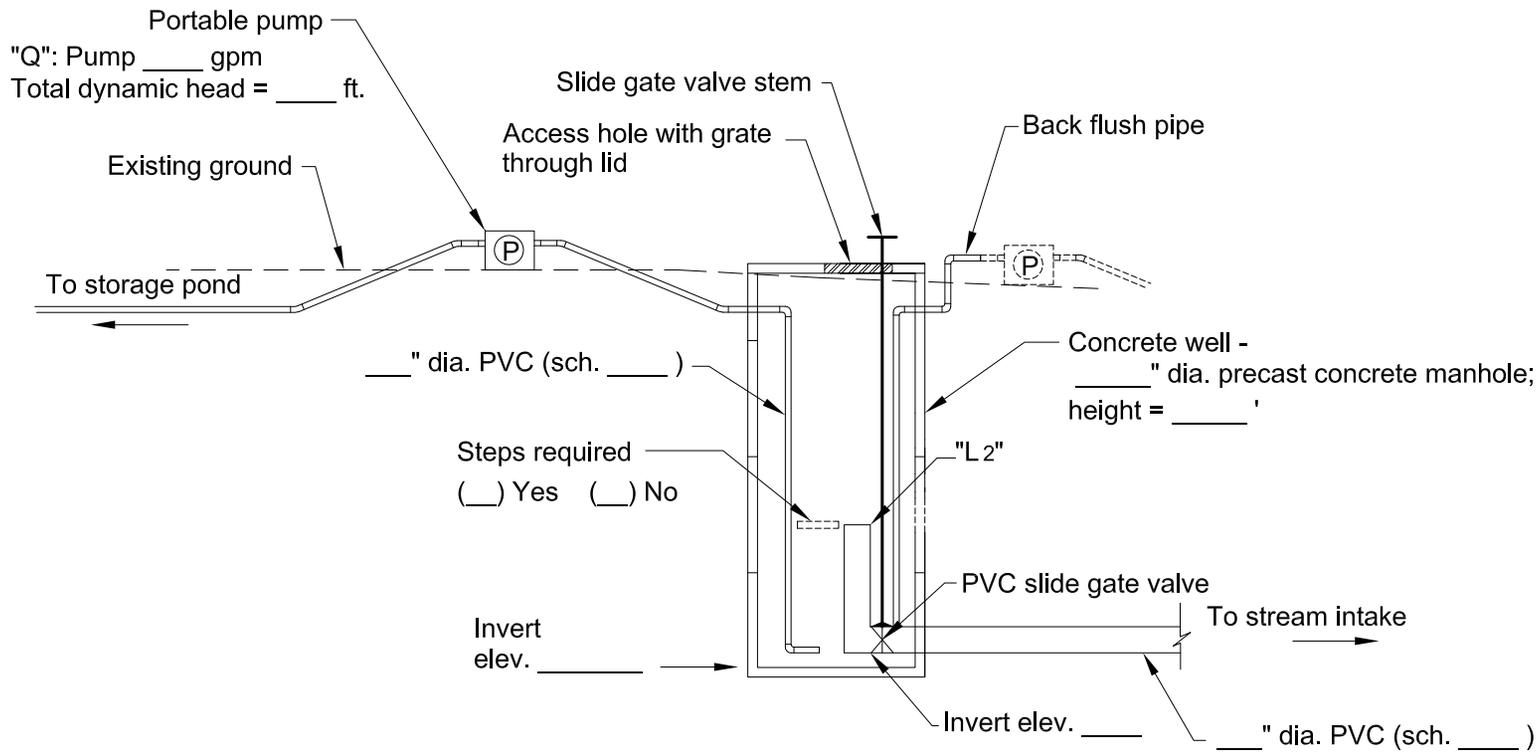


"L1"= Elevation of water in stream with stream flowing at 10 x "Q"
 "L2"= L1 - 0.25' for 100 gpm pump flow
 = L1 - 0.5' for 200 gpm pump flow
 = L1 - 0.75' for 300 gpm pump flow
 "Q" = Planned pumping rate

- Notes:
1. Add #57 stone or similar size gravel under base of concrete well as needed to level surface.
 2. Opening to insert pipe into concrete well to be pre-cast. Grout opening around pipe to seal.
 3. Concrete well wall thickness to be ____" min.



ALTERNATIVE WELL INTAKE FOR USE WITH PORTABLE PUMPS

Note: For use with Intake Drawings AL-ENG-533-03 and AL-ENG-533-04.

TBM description: _____

Note: Details this sheet are not to scale

File Name	Date	Designed	Drawn	Checked	Approved
Drawing Name	IRRIIGATION WATER STREAM INTAKE				
AL-ENG-533-05	Landowner _____ County, AL _____				
Sheet 1 of 1	 Natural Resources Conservation Service United States Department of Agriculture				