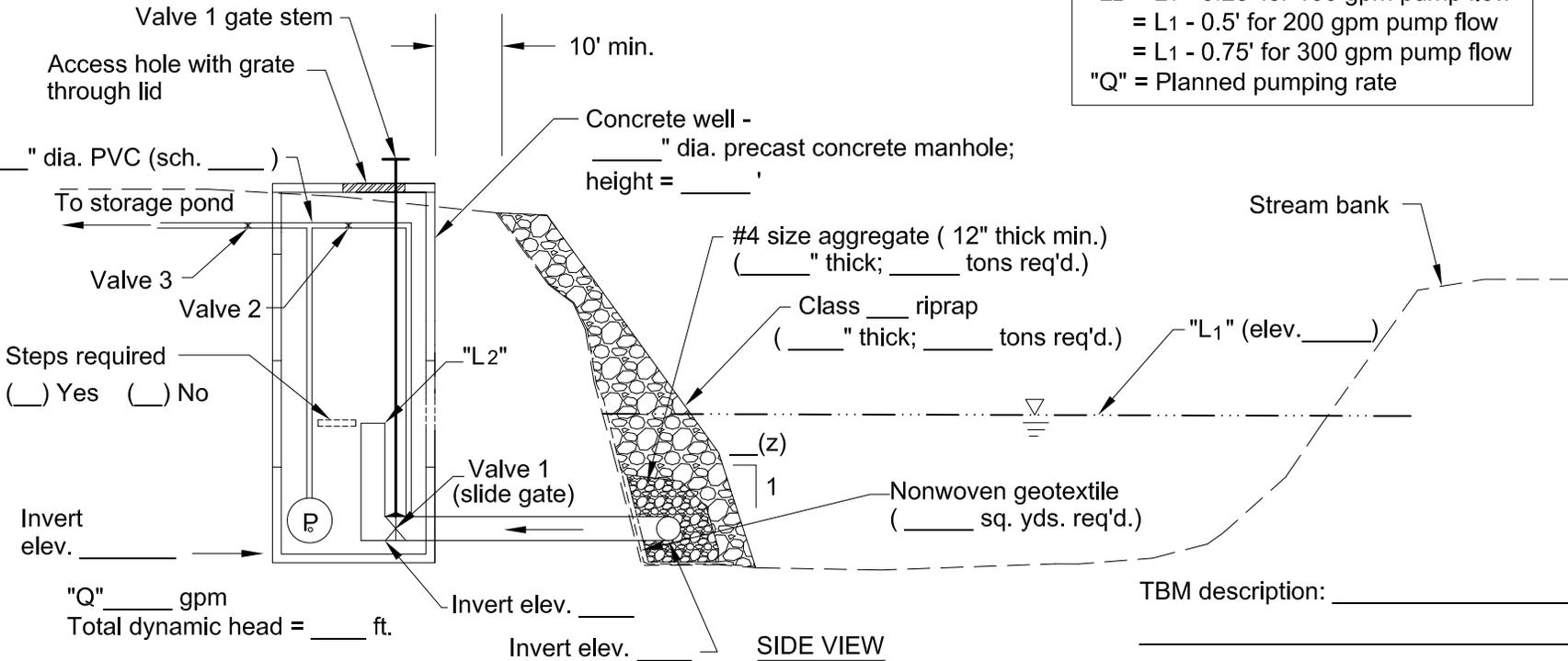


___ " dia. non-perforated Sch. 40 PVC pipe (___ L.F.)

___ " dia. perforated Sch. 40 PVC pipe w/ end caps.
 Pipe shall have ___ rows of 3/4" dia. holes.
 Holes shall be spaced at 3" c.c. along row.
 Rows shall be spaced at ___ ° around pipe.

- 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.

"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



Note: Details this sheet are not to scale

File Name	Designed	Date
Drawing Name	Drawn	
AL-ENG-533-04	Checked	
Sheet 1 of 1	Approved	

IRRIGATION WATER STREAM INTAKE

Landowner: _____ County, AL: _____

NRCS
 Natural Resources Conservation Service
 United States Department of Agriculture