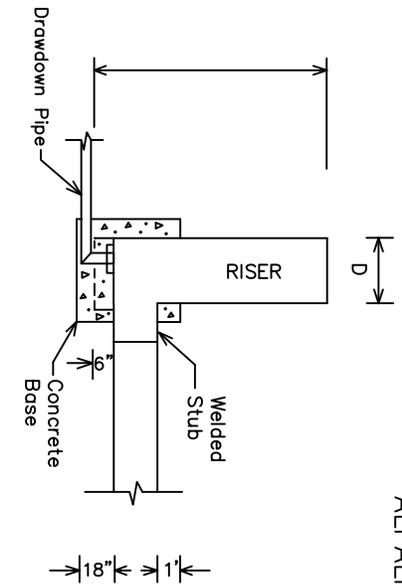
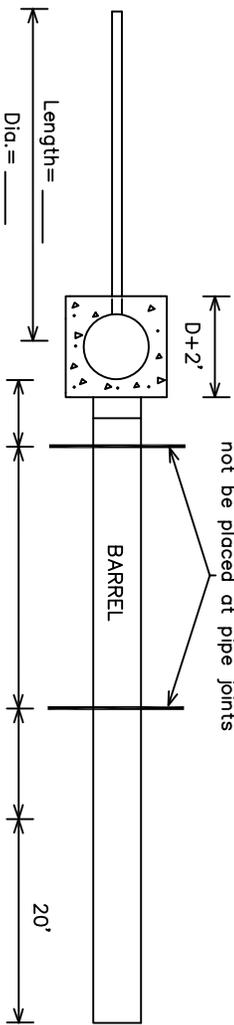


DROP INLET PIPE SPILLWAY WITH ALFALFA VALVE AND ANTI-SEEP COLLARS

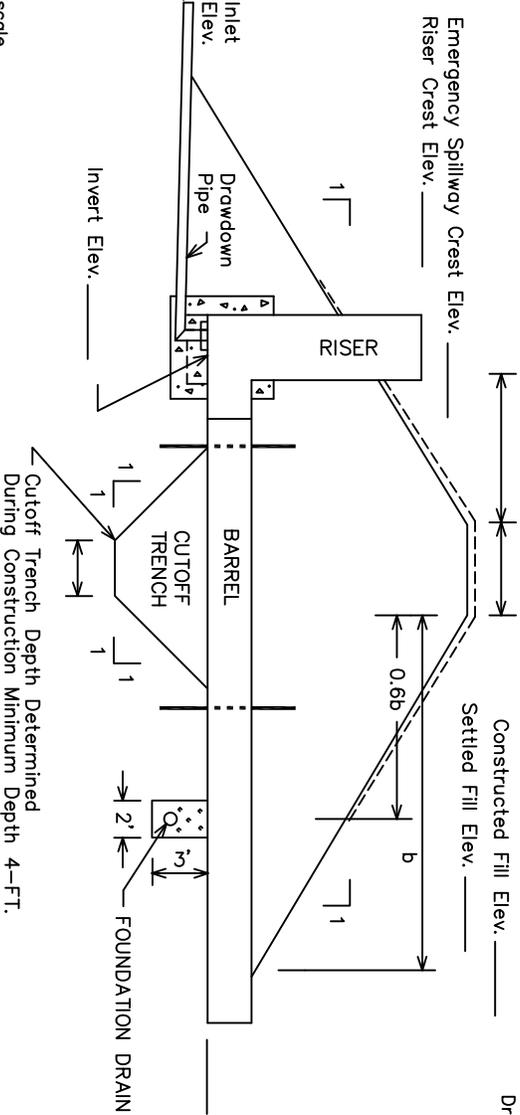
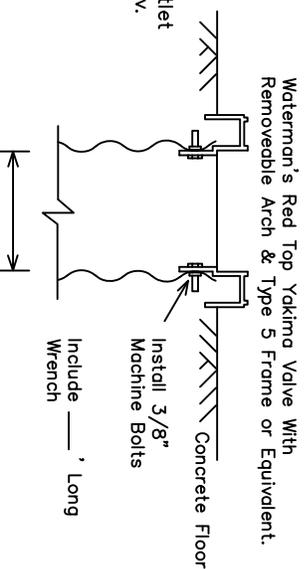
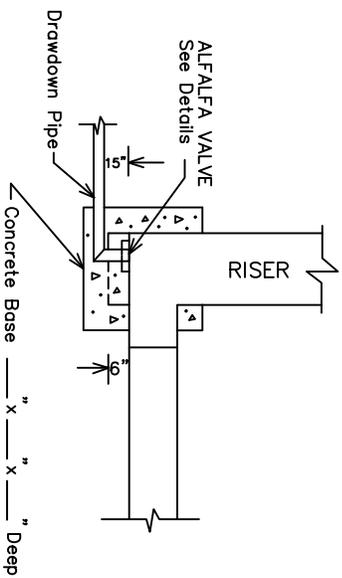
CONSTRUCTION DETAILS



Anti-Seep Collars shall not be placed at pipe joints



1. All pipe joint connections shall be watertight. Two foot long stubs shall be welded to the riser to connect the barrel and the pond drain pipes.
2. Concrete base steel reinforcement shall be #4 rebars at 12" each way. Two inch minimum cover.
3. The foundation drain shall consist of 4" heavy duty corrugated plastic drainage tubing in a clean, well graded, sand-gravel envelope. The tubing shall have positive grade to a PVC SCH 40 outlet pipe with the permanent guard. The drain shall extend up each abutment to the permanent pool elevation.
4. See Standard Drawing ME-ENG-14E for Riser Anti-Vortex Trash Guard Details.



Not to scale
Standard design, must be adapted to specific site

ALFALFA VALVE DETAILS

Designed _____	Date _____	File Name _____
Drawn _____	Standard _____	Drawing Name ME-ENG-14D
Checked _____		rev. 2/2010
Approved _____		Sheet _____ of _____