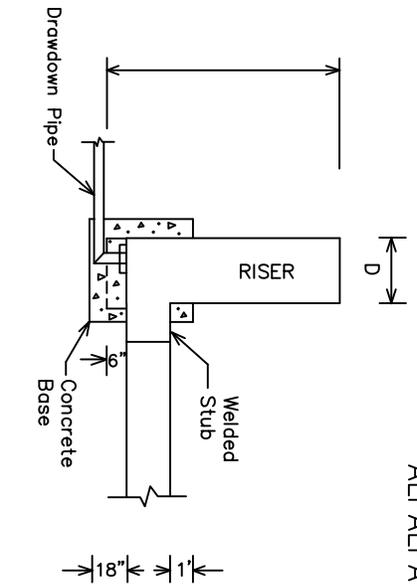
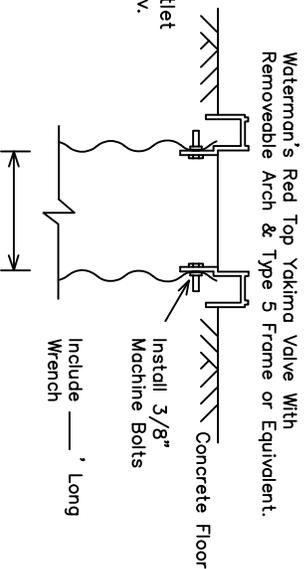
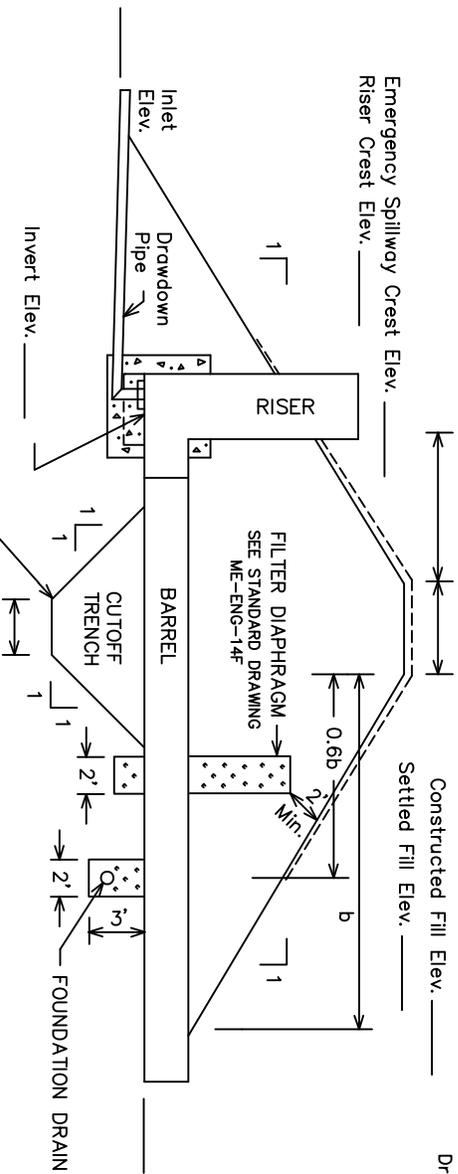
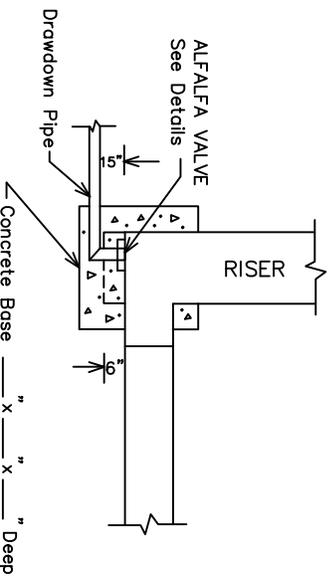
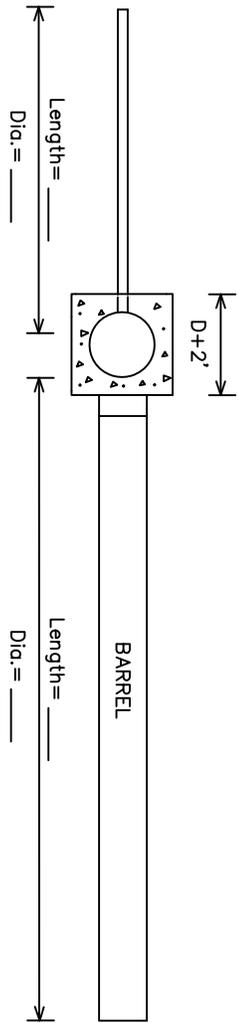


**DROP INLET PIPE SPILLWAY  
WITH  
ALFALFA VALVE AND FILTER DIAPHRAGM**

CONSTRUCTION DETAILS



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 rebar 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 rodent 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.



ALFALFA VALVE DETAILS

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

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