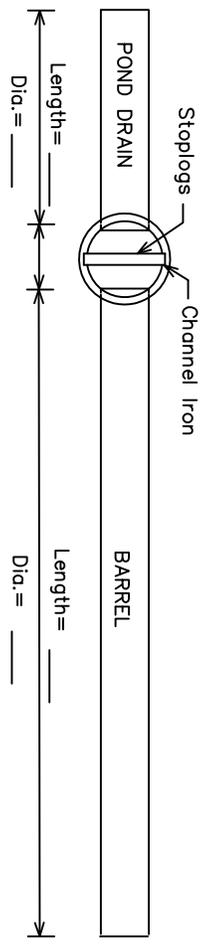
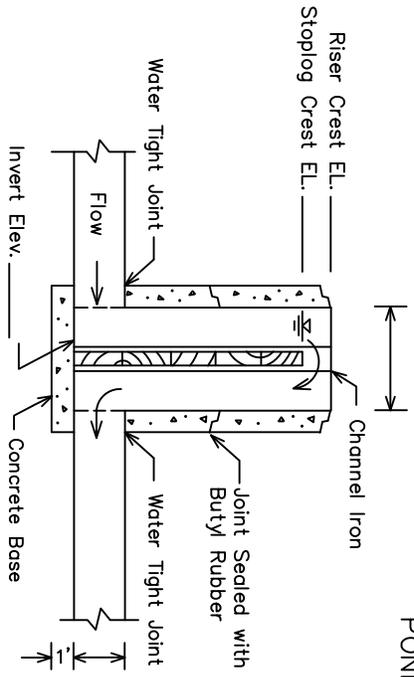


PRECAST INLET PIPE SPILLWAY WITH POND DRAIN AND FILTER DIAPHRAGM

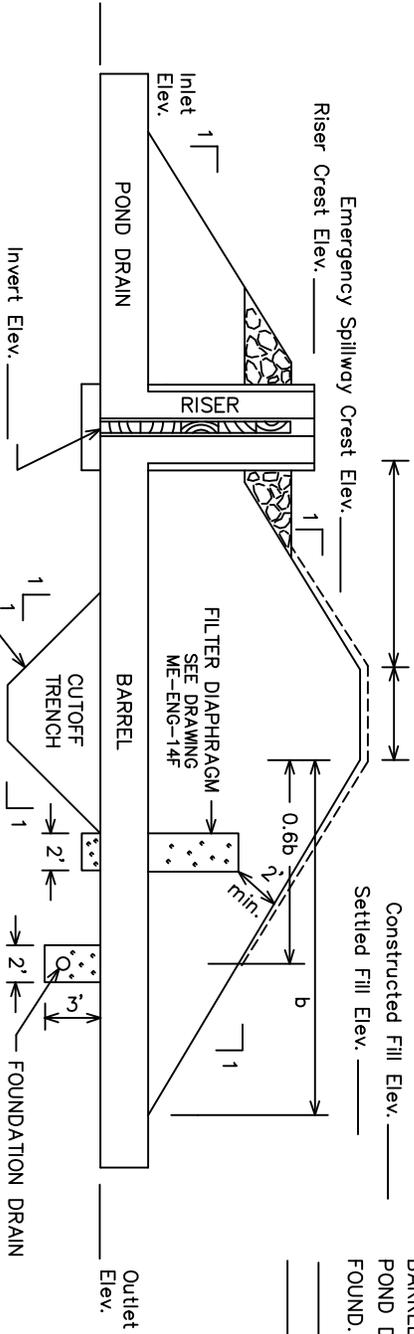
CONSTRUCTION DETAILS

1. All pipe joint connections shall be watertight. The riser shall be precast concrete manhole sections.
2. 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.
3. Construct a trash rack around riser, not over it, if needed for trash, beavers or safety.



MATERIAL LIST

	DIA.	LENGTH	MATERIAL
RISER	_____	_____	_____
BARREL	_____	_____	_____
POND DRAIN	_____	_____	_____
FOUND. DRAIN	_____	_____	_____



Cutoff Trench Depth Determined During Construction Minimum Depth 4-FT.

DIA. of Inlet	NOMINAL STOP LOG THICKNESS IN INCHES				
	4-0	5-0	6-0	7-0	8-0
36	2	2	2	2	3
42	2	2	2	2	3
48	2	2	2	2	3
54	2	2	2	2	3
60	3	3	3	3	4
66	3	3	3	3	4
72	3	3	3	3	4
78	3	3	3	3	4
84	4	4	4	4	5

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



Designed _____	Date _____	File Name _____
Drawn _____	Checked _____	Drawing Name ME-ENG-13A
Approved _____		rev. 2/2010
		Sheet of _____