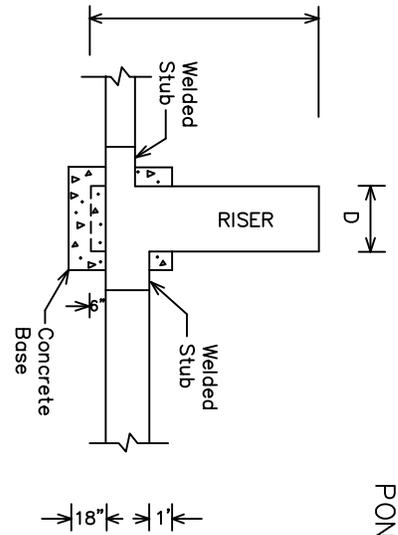
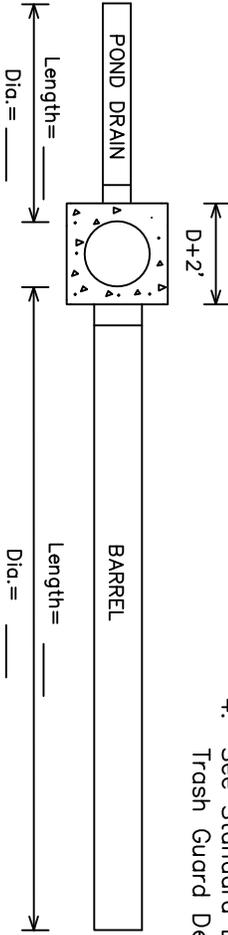


DROP INLET PIPE SPILLWAY WITH POND DRAIN AND FILTER DIAPHRAGM

CONSTRUCTION DETAILS

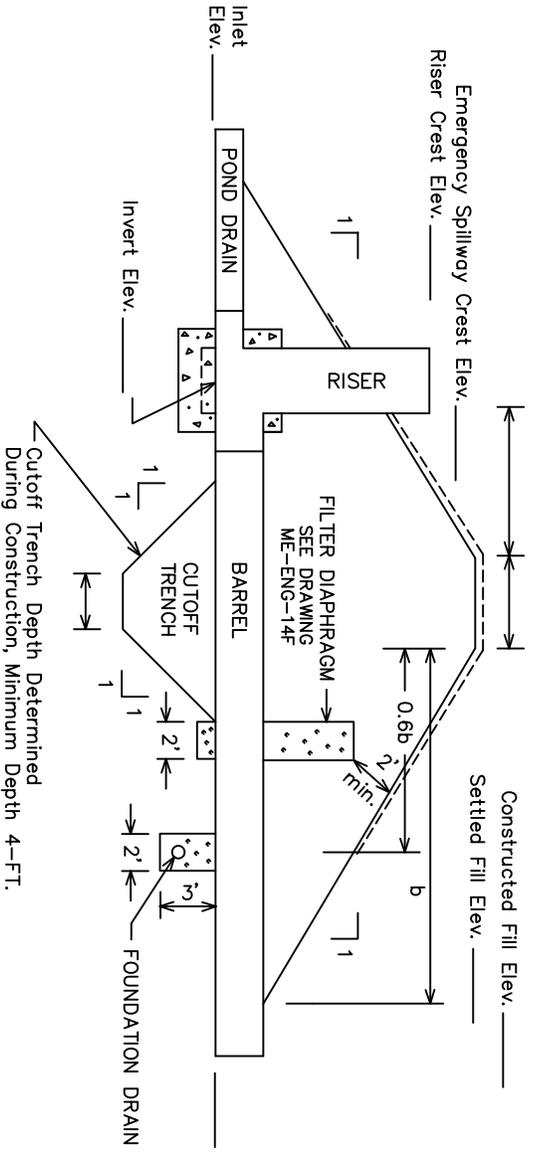


1. All pipe joint connections shall be watertight. Two foot long stubs shall be welded to the riser to connect the barrel and the pond drain pipes.
2. Concrete base steel reinforcement shall be #4 rebar at 12" each way. Two inch minimum cover.
3. The foundation drain shall consist of 4" heavy duty corrugated 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.



MATERIAL LIST

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



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