



NOTES FOR BOTTOM WITHDRAWAL SPILLWAY INSTALLATION

1. 3/4" holes shall be drilled at the location shown. They may be drilled after the pipe is installed.
2. 3/4" holes shall be located on the top of a corrugation for pipes with corrugations.
3. 3/4" holes shall be located 4" to 7" downstream of the apex of elbow.
4. Holes shall be drilled symmetrically about the top dead center of the pipe.
5. Inlet of pipe shall be located 4'-10' (feet) below crest of pool. Inlets deeper than 8' (feet) are less likely to pass fish. Inlet shall be no deeper than 80% of total depth.

PIPE SIZE	NO. OF 3/4" VENT HOLES
6", 8", 10"	2
12"-15"	3
16"-18"	4
21"-24"	5
> 24"	6

STANDARD DWG. IA-1172

DATE Nov. 2008 SHEET 1 OF 1



BOTTOM WITHDRAWAL SPILLWAY INSTALLATION

Designed _____	Date _____	File Name _____
Drawn _____	Checked _____	Drawing Name _____
Approved _____		Sheet _____ of _____