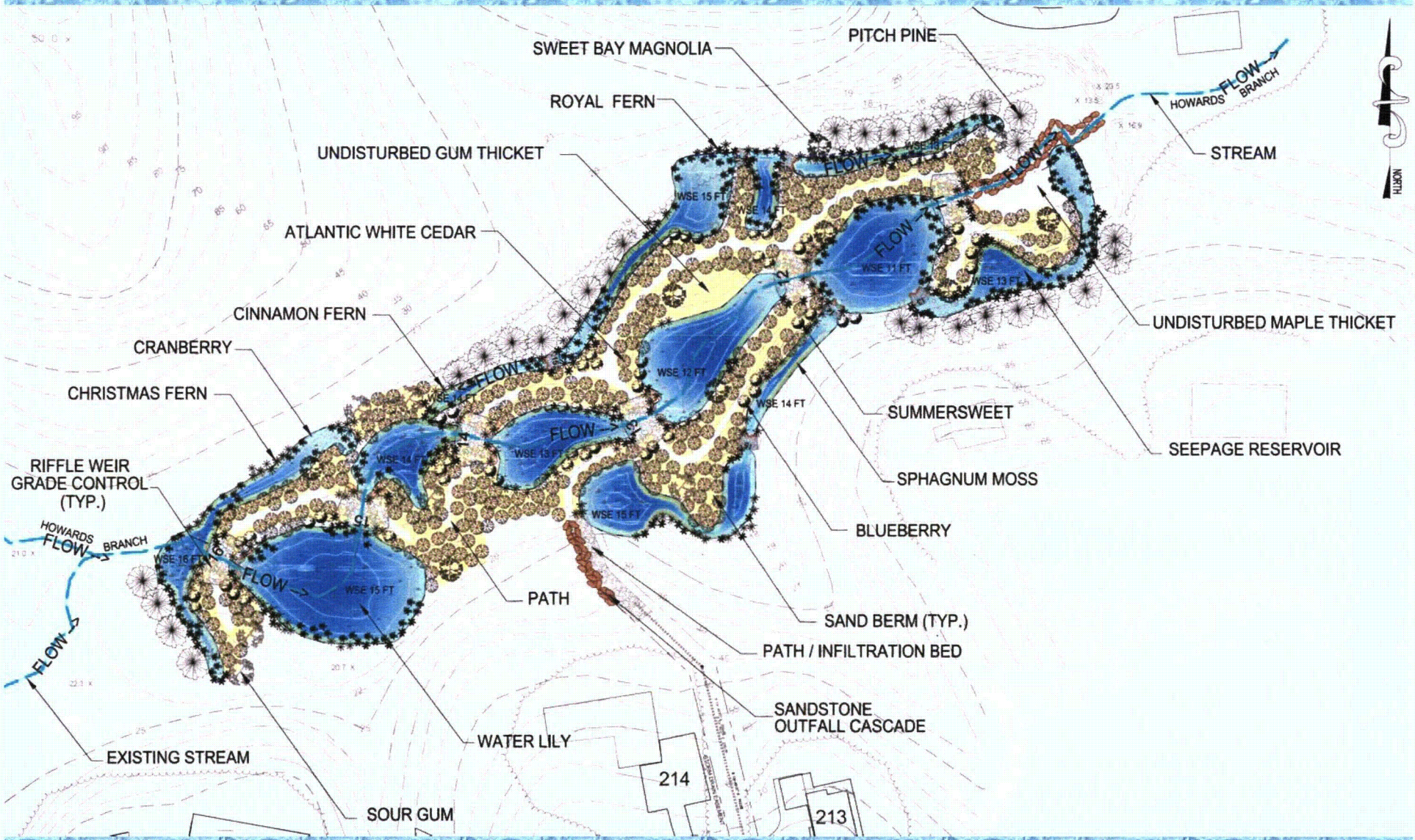
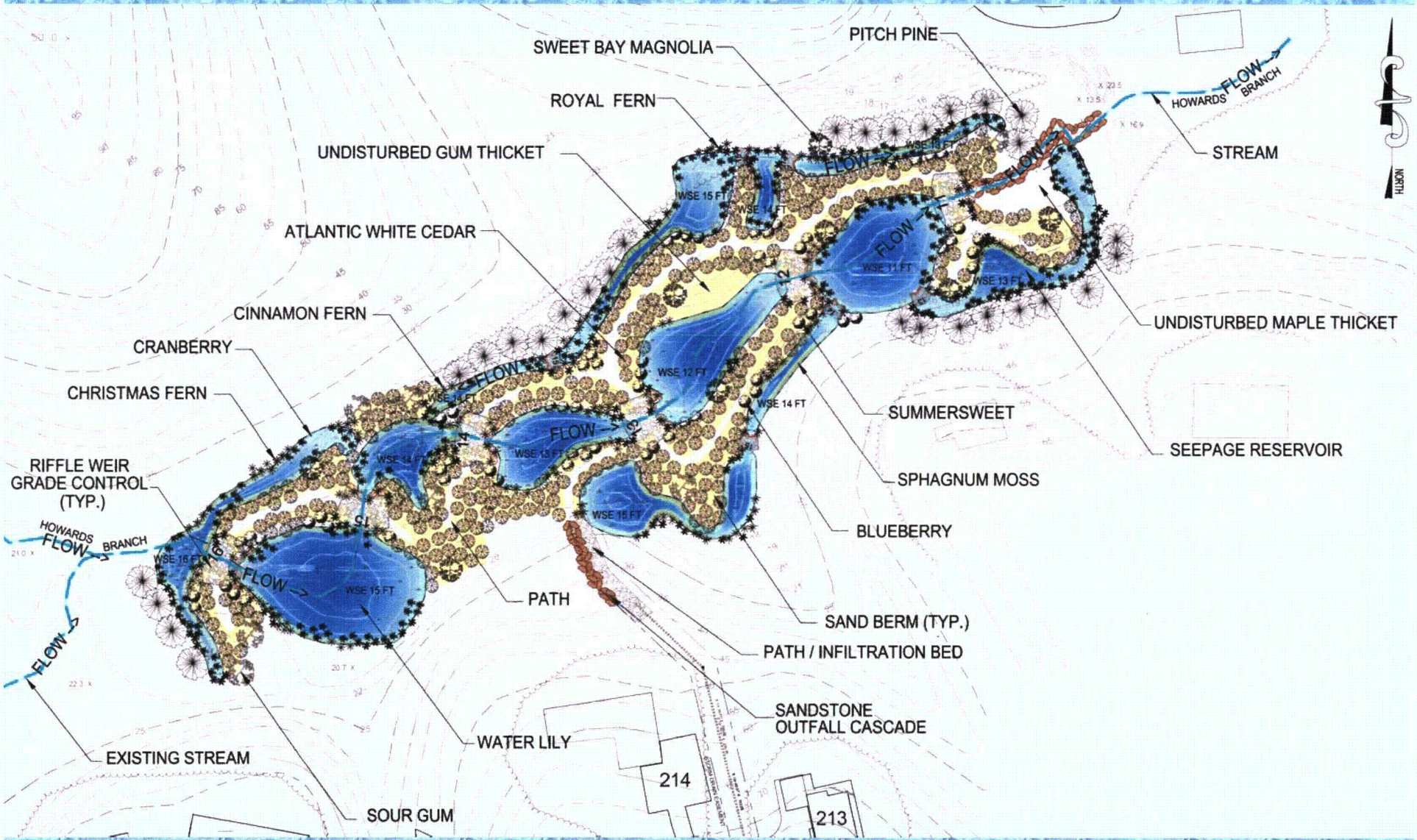


Howard's Branch Stream & Wetlands Restoration

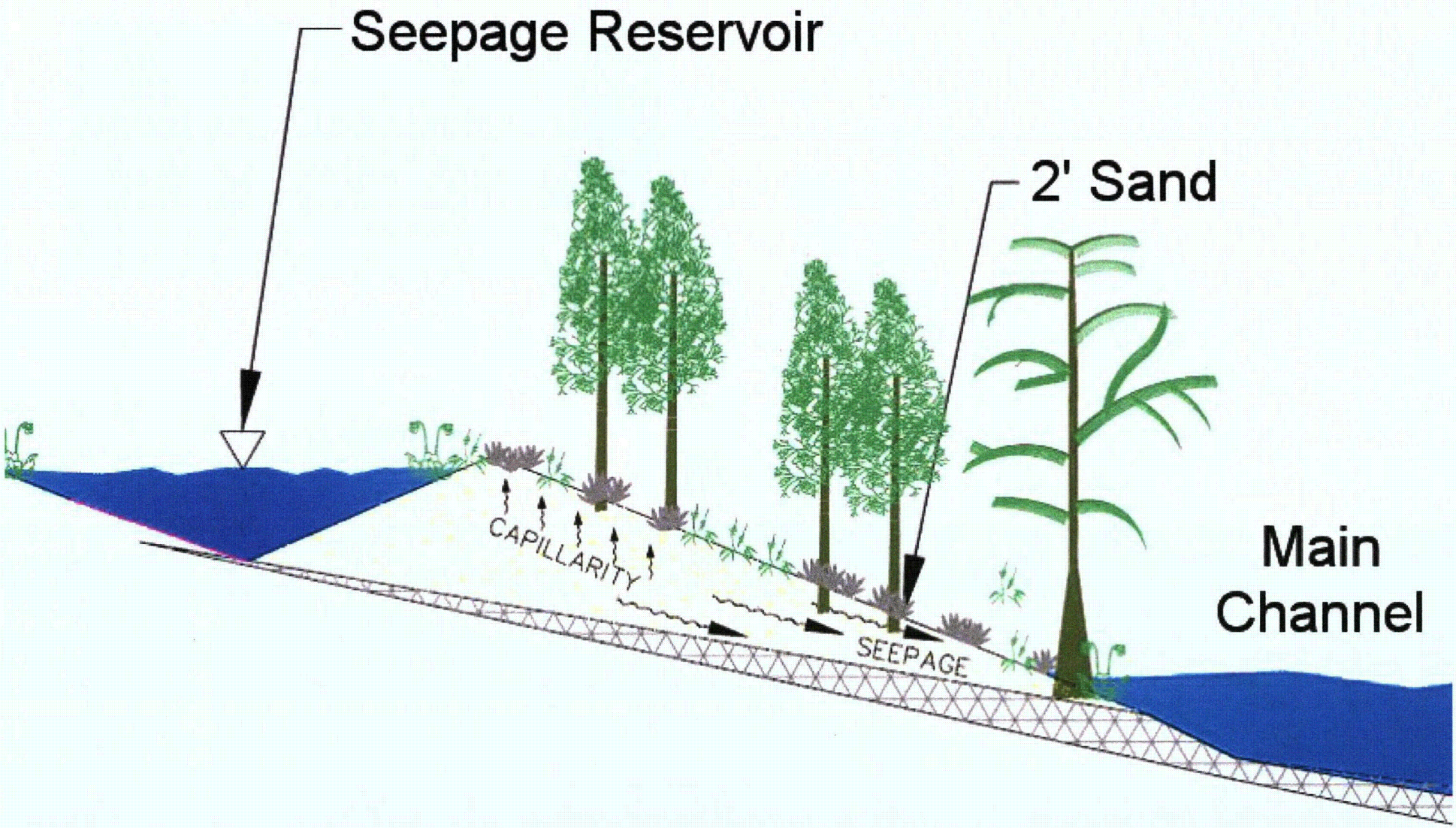
Conventional bank stabilization
(e.g. Rosgen-type methods)



Howard's Branch Stream & Wetlands Restoration

Finished sand berm haul road at Howard's Branch

The berms allow infiltration from the water stored at higher elevations and provide exfiltration into the stream channel as base flow



Infiltration through the seepage reservoir converts surface water to ground water as it passes through the sand berm and into the main channel

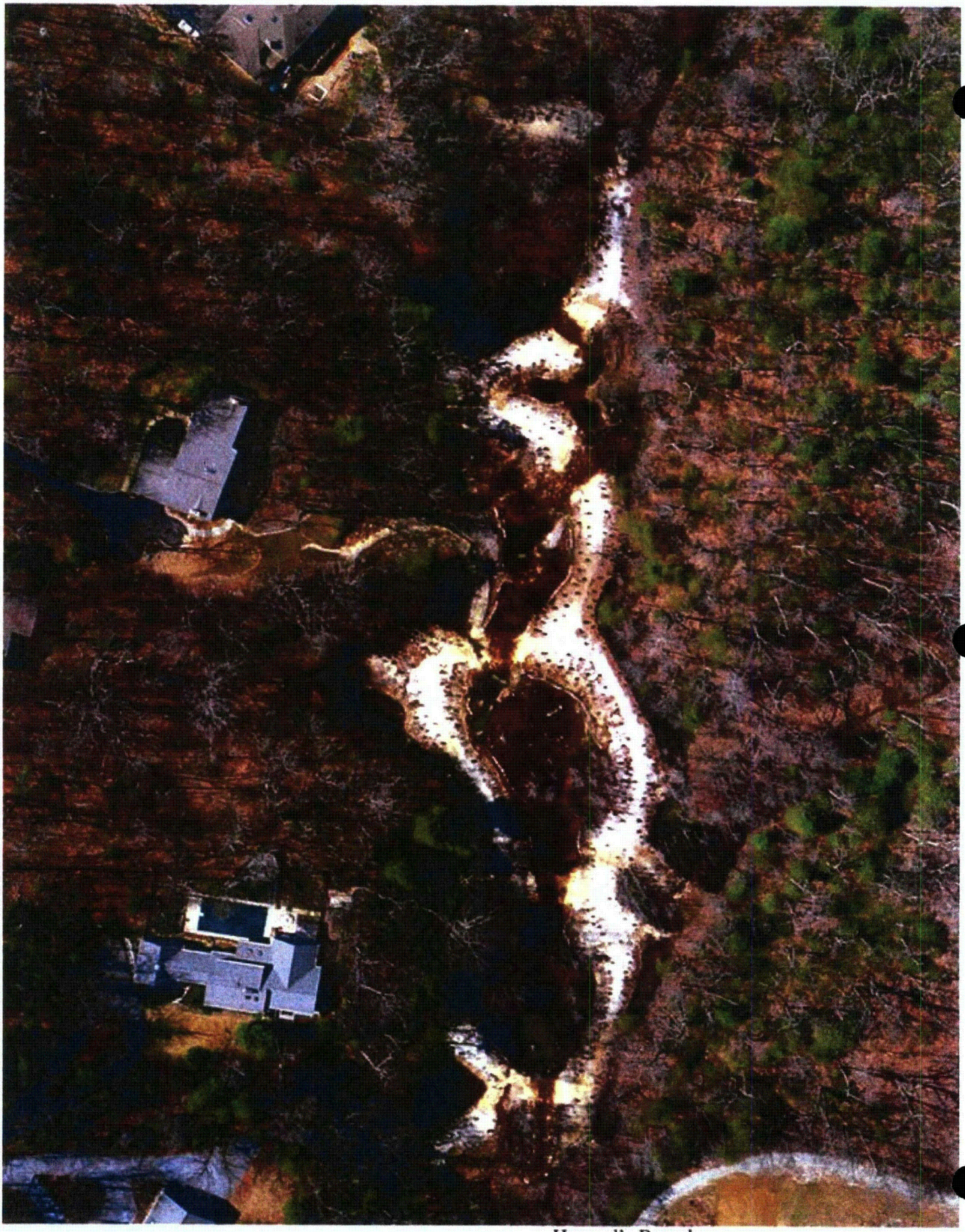
Riffle Weir Grade
Control Structure

These systems are designed
to mimic beaver dams

Shallow aquatic bed
impounded by a weir

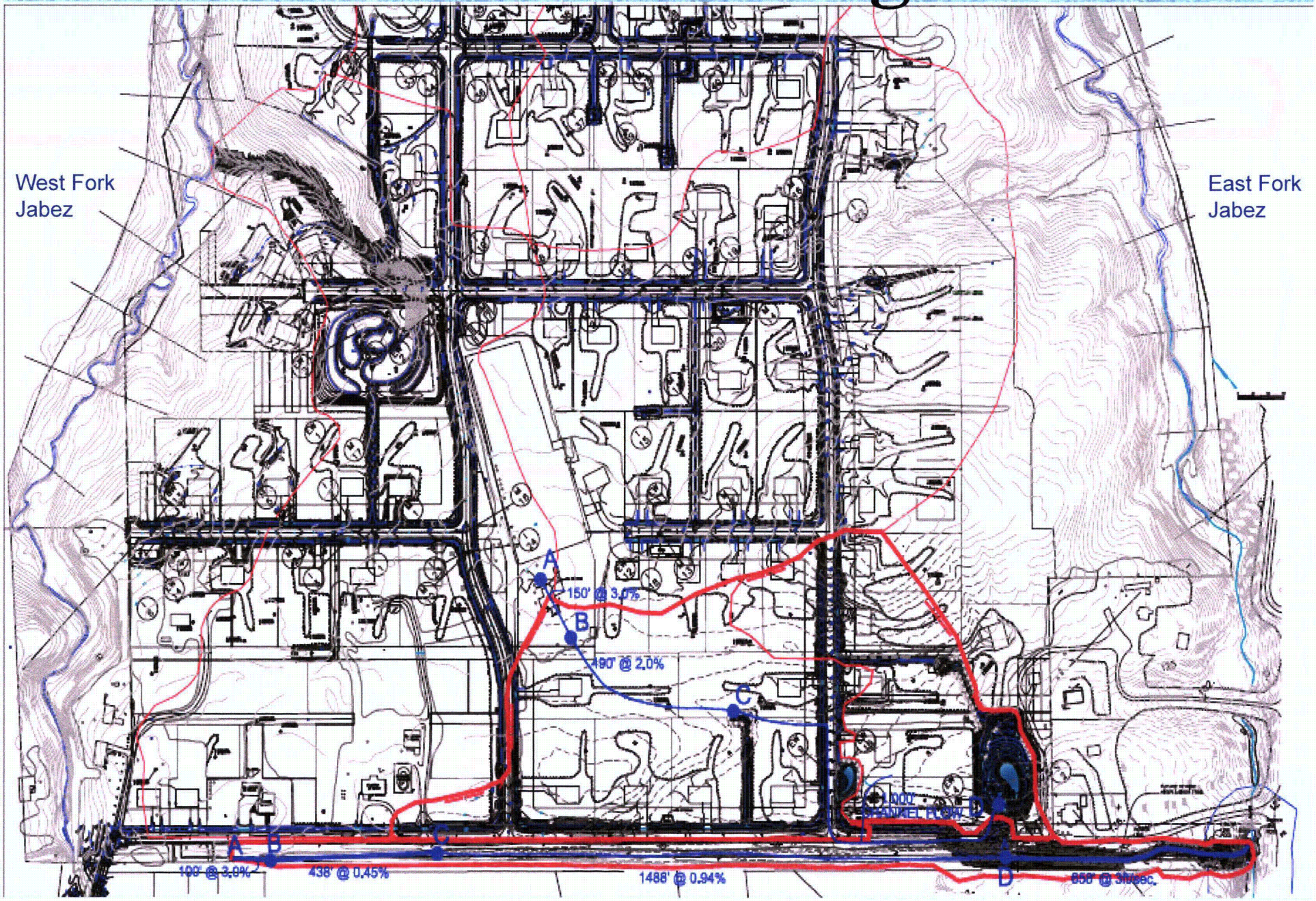
Seepage Reservoir

Pitcher plants on a mat of Sphagnum moss

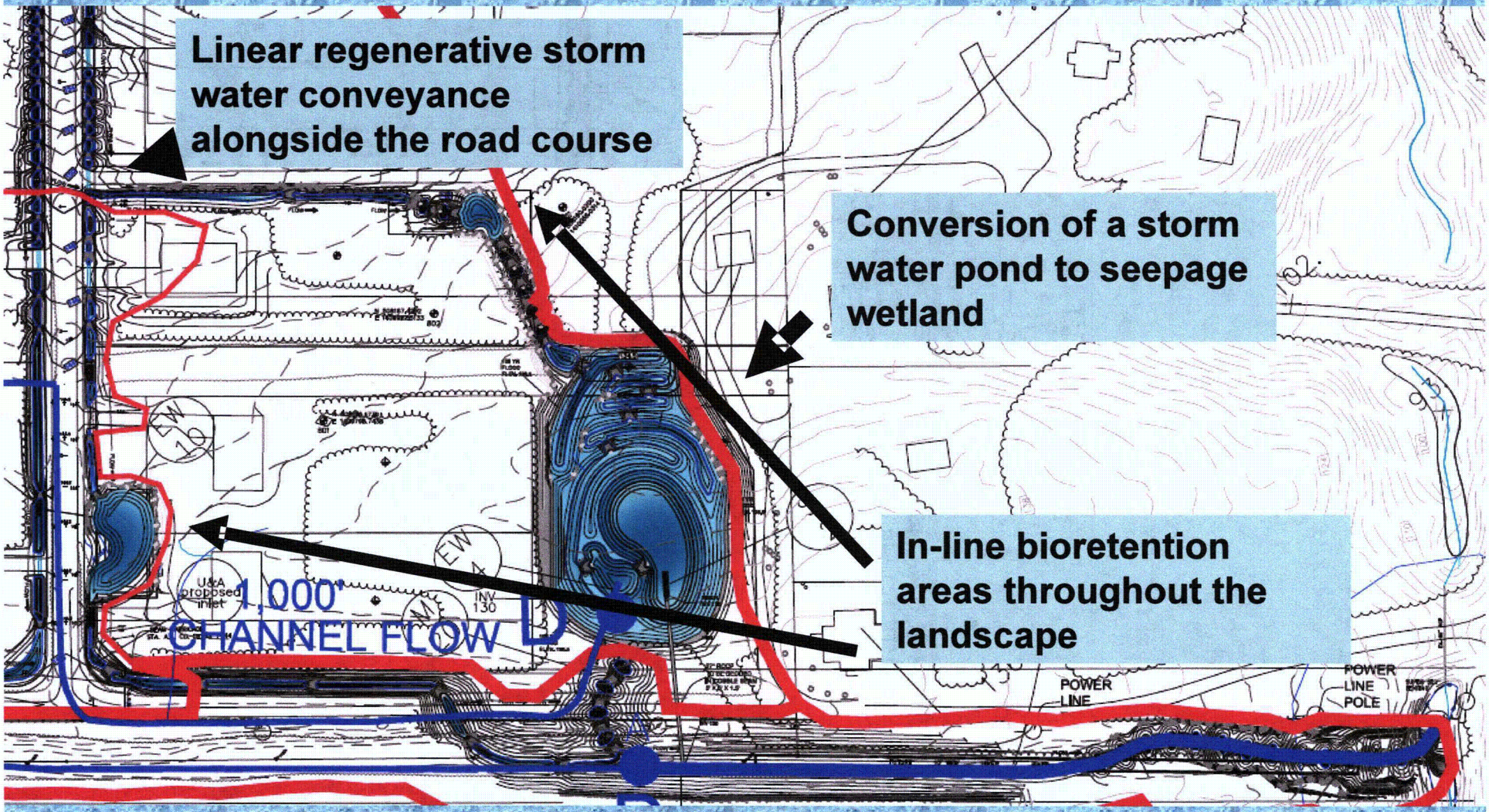
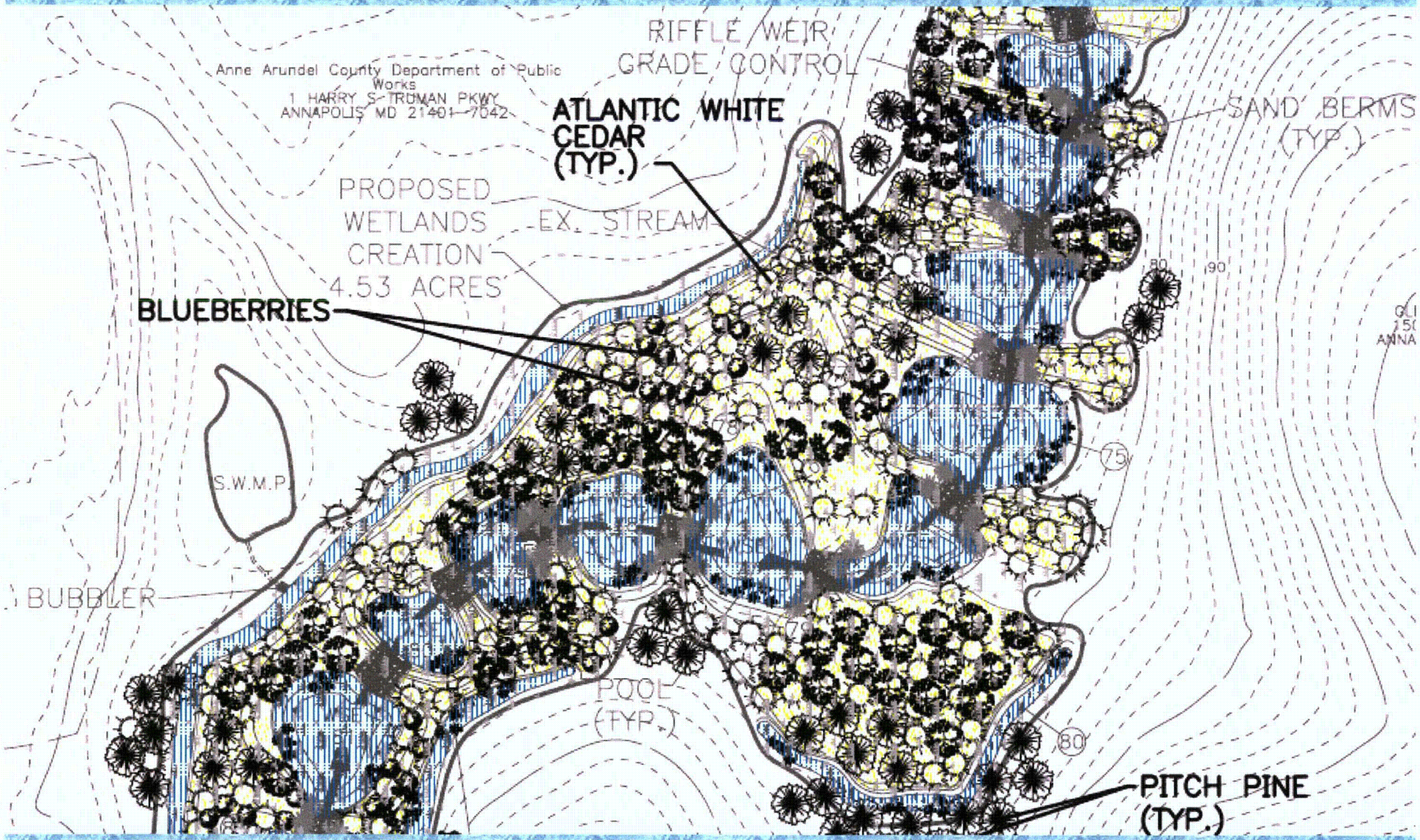


Howard's Branch
3/28/02

Good Site Design



Good Site Design



A Suite of Native Plants