



United States Department of the Interior

FISH AND WILDLIFE SERVICE

LLOYD 500 BUILDING, SUITE 1692
500 N.E. MULTNOMAH STREET
PORTLAND, OREGON 97232

RECEIVED

JAN 16 1984

WATER RESOURCES DEPT.
SALEM, OREGON

January 13, 1984

Barry F. Norris, Engineer
Water Resources Department
Mill Creek Office Park
555 13th Street N.E.
Salem, Oregon 97310

Re: Smith-Bybee Lake Water Control Structure and Dike Rehabilitation

Dear Mr. Norris:

Enclosed are drawings showing the recent rehabilitation work on the subject project. The drawings show the final configuration of the project.

The rehabilitation work consisted of replacing previously eroded dike material, realigning and relocating the displaced 60-inch diameter CMP, adding anti-flotation devices to the CMP, constructing a natural spillway, and adding riprap material to the surface of the dike.

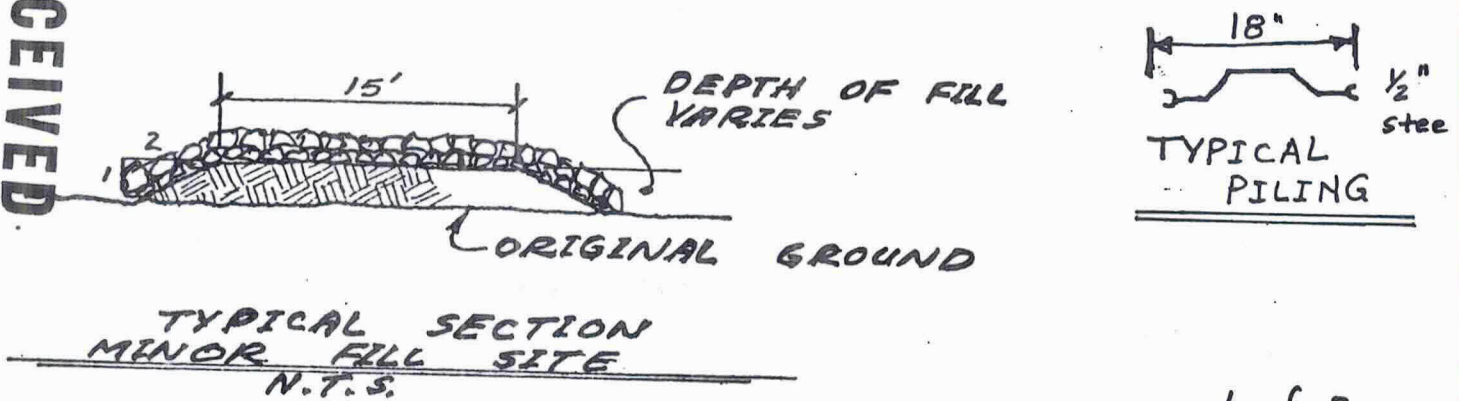
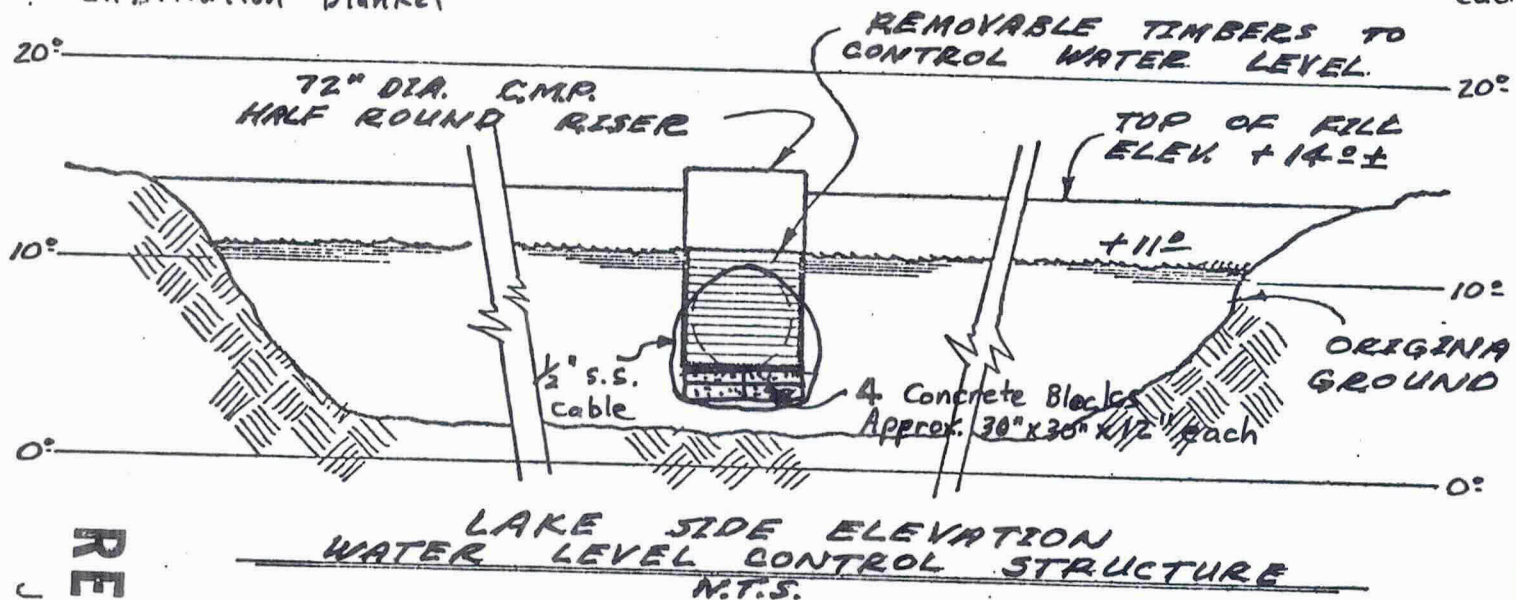
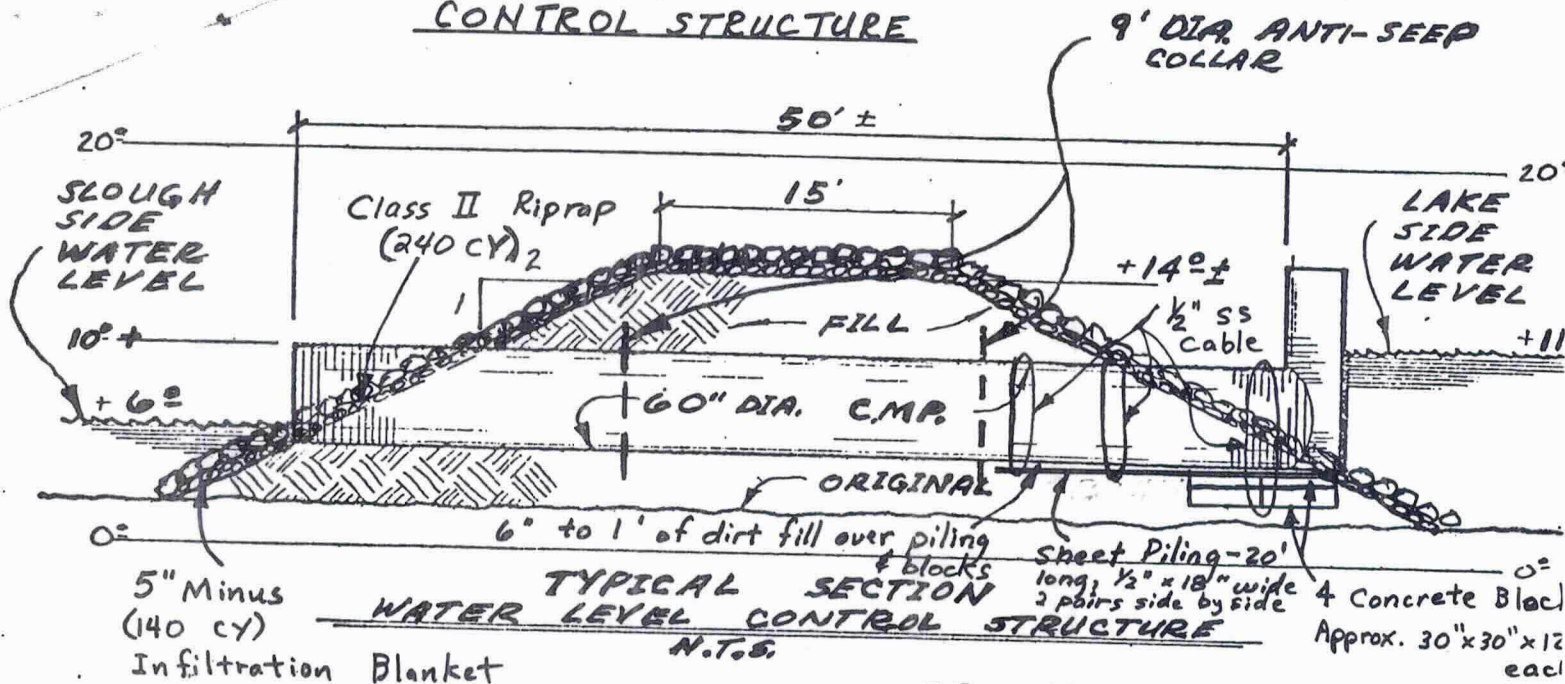
If more information is needed, call me at 231-6145.

Sincerely,

Ken Neuburger
Acting Engineering
Program Manager

Enclosures

SMITH-BYBEE WATER CONTROL STRUCTURE



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Class II Riprap; Thickness 18", Tolerance 6", in COLUMBIA SLOUGH
Stone Protection - at PORTLAND
Gradation Weight In Pounds
25 to 250, 75 % 50 to 250, 30 % > 150
stones under 25 lbs must not exceed 10% by wt.
County of MULTNOMAH, State OR
U.S. Fish & Wildlife

SMITH-BYBEE WATER

CONTROL STRUCTURE

Additional Borrow Site 1983

