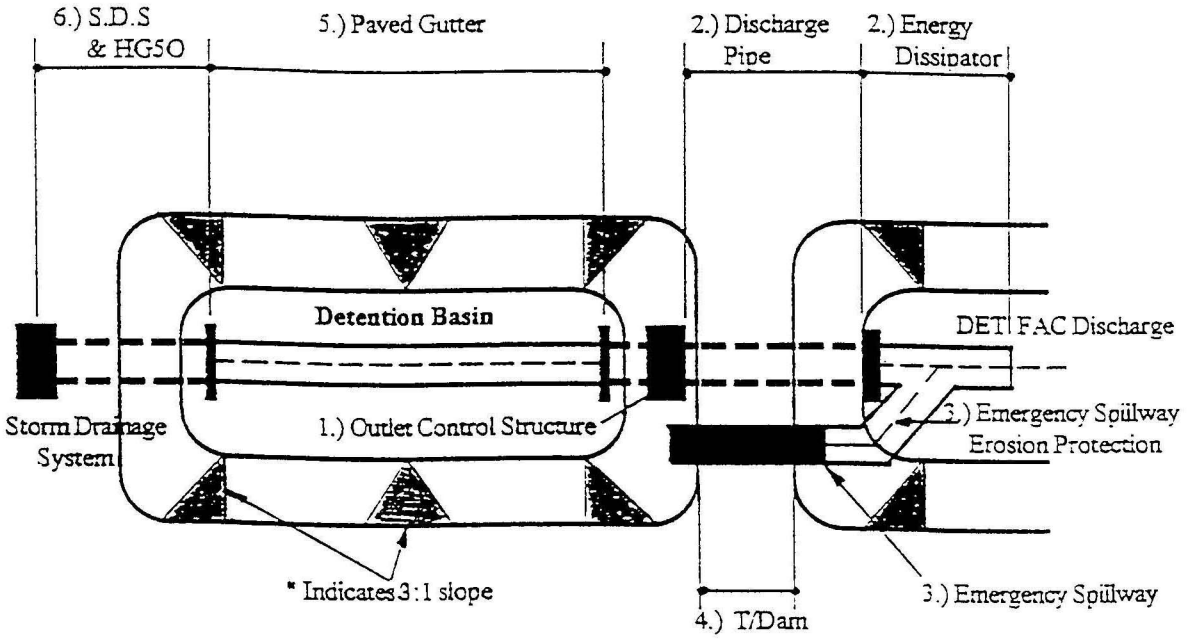
EXHIBIT NO. 34 (sheet 1 of 5)
DETENTION BASIN CONTROLS



TYPICAL DETENTION PLAN

Detention Basin Design Criteria
Refer to Section ST 711

1) Outlet Control Structure: ST 711(J), ST 711(O)5 and ST 711(I)4

2) Discharge Pipe and Energy Dissipator: ST 711(J)4
(Pipe Bedding Plate 1, Class "C" Concrete Cradle, 6" min. thickness with #3 Bars at 12" on centers eachway, 3" clear bottom).

3) Emergency Spillway: ST 711(O)1.02
Erosion Protection: ST 711(O)3

4) Top of Dam: ST 711(O)1.06

5) Paved Gutter, for Low Flow and House Keeping Purposes: ST 805(d)1;
Use ODOT MC-5 Width to Equal Diameter of S.D.S. Outlet Pipe

6) Storm Drainage System: Pipe Capacity Design Section ST 703 and Hydraulic Gradient Section ST 707