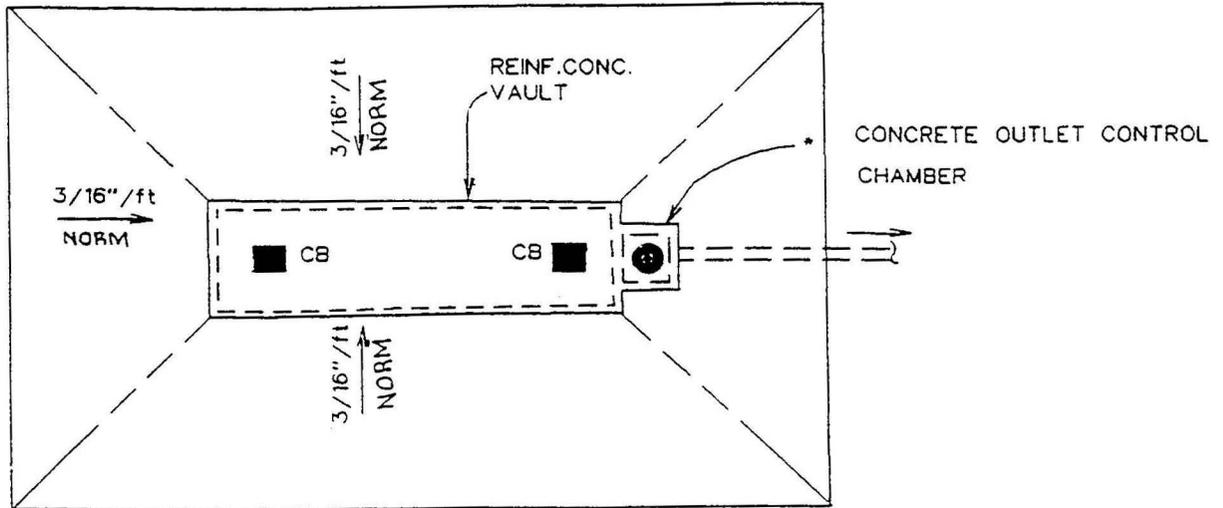


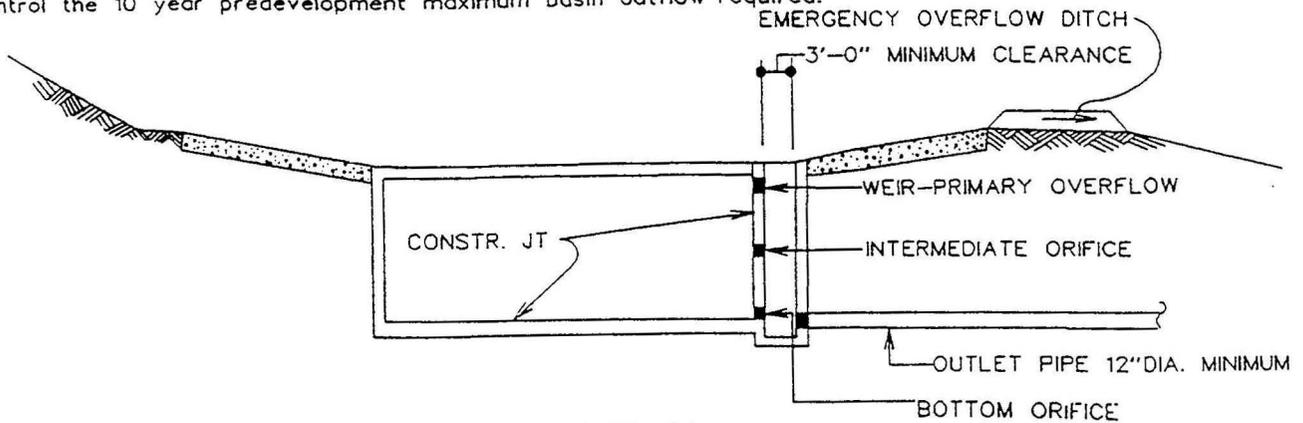
REINFORCED CONCRETE VAULT DETENTION REQUIRED STORAGE CONTROL

Refer to exhibit 34 sheet 1 of 5 (apply similar design criteria for outlet control devices for this structure).



PLAN

*A manhole instead of a concrete chamber may be used where the primary overflow doesn't require a weir. The outlet control structure may be omitted when a 3" to 6" diameter bottom orifice is sufficient size to control the 10 year predevelopment maximum basin outflow required.



PROFILE

NOTES:

1. CB (catch basin) frame and grate to be heavy duty and use bicycle safe grate.
2. Building permit required for reinforced conc. vault.
3. All construction joints below water level shall be made watertight with continuous pvc dumb bell water stops.
4. Emergency overflow ditch may be omitted if there is no danger of erosion or flooding occurring in the event of plugging to the orifice.

DETENTION BASIN

CONTROLS