A TEMPORARY SEDIMENT BASIN IS DESIGNED TO STORE A MINIMUM OF 67 CUBIC YARDS OF SEDIMENT PER ACRE OF CONTRIBUTING DRAINAGE AREA. A PRINCIPAL SPILLWAY IS DESIGNED TO BE USED IN CONJUNCTION WITH THE PRINCIPAL SPILLWAY TO CONVEY THE 2-YEAR, 24-HOUR STORM EVENT AND AN EMERGENCY SPILLWAY IS DESIGNED TO CONVEY THE 5-YEAR, 24-HOUR STORM EVENT. NOTE: DEBRIS SCREEN MAY ALSO BE ENTRENCHED 18" AS DESIGNED.

A floating surface skimmer is a required best management practice (BMP) to dewater the basin's sediment storage volume within 24 to 48 hours. The engineer may direct the contractor to remove up to 1 foot of sediment around a stake shall be placed near the principal spillway noting the cleanout elevation. A floating surface skimmer is a required BMP to dewater the basin's sediment storage volume within 24 to 48 hours. The engineer may direct the contractor to remove up to 1 foot of sediment around a stake.

The contractor may submit an acceptable alternate floating surface skimmer design for review by the engineer. Consultants, engineers, and other professional shall submit the alternate floating surface skimmer design. General notes include:

1. See standard specification notes and information for the construction and maintenance of temporary sediment basins, including professional plans and specifications.
2. The basin's sediment storage volume shall be to the centroid of the orifice with a 0.62 discharge coefficient.
3. The basin's sediment storage volume shall be measured from the water surface to the centerline of the orifice and a 0.75 discharge head (CFS).
4. See standard specification notes and information for the construction and maintenance of temporary sediment basins, including professional plans and specifications.