NOTES:

INSTALLATION
DIVERT RUNOFF FROM UNDISTURBED AREAS AWAY FROM THE BASIN
(REFERENCE DETAIL 04000.09 "STANDARD DIVERSION BERM") DELAY
CLEANING POND AREA UNTIL DAM IS IN PLACE.
EXCAVATE FOUNDATION FOR APRON AND USE IT AS A TEMPORARY
SEDIMENT BASIN DURING CONSTRUCTION OF DAM.
CLEAR AND GRUB AREA UNDER DAM, REMOVING ALL ROOT MATTER
AND OTHER OBJECTIONABLE MATERIAL. GRADE EARTH ABUTMENTS NO
STeeper THAN 1:1. DISPOSE OF MATERIAL IN APPROVED LOCATION.
IF CUTOFF TRENCH IS REQUIRED, EXCAVATE AT CENTER LINE OF DAM
EXTENDING ALL THE WAY UP EARTH ABUTMENTS.

PROTECtion FROM PIPING
THE ENTIRE FOUNDATION INCLUDING BOTH EARTH ABUTMENTS MUST BE
COVERED BY FILTER FABRIC, OVERLAP 1 FT AT ALL JOINTS, UPSTREAM
STRIPS OVER DOWNSTREAM STRIP (SEE CROSS SECTION).
SMOOTH THE FOUNDATION AREA BEFORE PLACING FILTER FABRIC.
BE CAREFUL PLACING ROCK ON FABRIC, IT MAY BE HELPFUL TO PLACE
A 4-INCH LAYER OF SAND OVER FABRIC BEFORE PLACING ROCK.

EMBANKMENT AND POOL
CONSTRUCT EMBANKMENT TO DIMENSIONS SHOWN ON PLANS.
USE WELL GRADED HARD, ANGULAR, WEATHER-RESISTANT ROCK.
ABUTMENTS MUST BE AT LEAST 2 FT HIGHER THAN THE
SPILLWAY CREST AND AT LEAST 1 FT HIGHER THAN THE
DOWNSTREAM FACE OF DAM AT ALL POINTS. (SEE PLAN)
DIVERT SEDIMENT-LADEN FLOW TO UPPER END OF BASIN.
SET MARKER STAKE TO INDICATE CLEAN OUT ELEVATION WHERE
SEDIMENT POOL IS 50% FULL.
STABILIZE ALL DISTURBED AREAS EXCEPT THE LOWER ONE-HALF
OF SEDIMENT POOL AS SHOWN IN THE VEGETATION PLAN.

SAFETY
SEDIMENT BASINS THAT IMPOUND WATER ARE HAZARDOUS.
BASINS SHOULD BE DEWATERED BETWEEN STORMS. AVOID
STEep SLOPES. FENCES WITH WARNING SIGNS MAY BE
NECESSARY IF TRESPASSING IS LIKELY. STATE AND LOCAL
REQUIREDs MUST BE FOLLOWED.