

**NATURAL RESOURCES CONSERVATION SERVICE  
CONSERVATION PRACTICE ENGINEERING NOTEKEEPING**

**SEDIMENT BASIN - TEMPORARY**

**CODE 350**

**NOTEKEEPING**

**Design Survey**

- A) Obtain and record the following information in a standard engineering field book:
- 1) Location description and sketch.
  - 2) Location and description of benchmark.
  - 3) Profile on centerline of dam site.
  - 4) Profile on centerline of emergency spillway including inlet, control section, and outlet section when needed for spillway design.
  - 5) Profile on centerline of pipe spillway if needed for design purposes.
- B) Record the following soils investigation on Form SCS-538:
- 1) Record the foundation borings.
  - 2) Record borrow and emergency spillway excavation borings.

**Construction Layout**

- A) Set enough well marked stakes to guide the contractor in constructing the sediment basin in accordance with the plans and specifications. As a minimum, the following should be shown:
- 1) Slope stakes for the dam and emergency spillway
  - 2) Embankment top width and elevation
  - 3) Principal spillway location

**Construction Check**

- A) Record the following construction check:
- 1) Profile along centerline of top of completed embankment.
  - 2) Cross-section of completed embankment to determine top width and side slopes.
  - 3) Profile along centerline of constructed part of emergency spillway.
  - 4) Cross-section of emergency spillway.
  - 5) Crest of riser of pipe spillway.
  - 6) Statement concerning adequacy of trash guard for pipe.
  - 7) Dimensions and kind of material used for principal spillway.
  - 8) Statement concerning adequacy of embankment and spillway seeding.
- B) Record the date and signature of person making construction check.