

Grade Stabilization Structure – 410 DOCUMENTATION

1. General

Use field notebooks and standard cross section and profile sheets for recording the survey, design, layout, and checking. Structures with earth embankment and pipe drops require supporting data as found under Ponds (Embankment).

2. Design

- a. Record bench mark; describe and assign elevations.
- b. Record profile and cross section of structure site.
- c. Record survey notes for such topographic information as needed.
- d. Record log of soil borings.

3. Layout

- a. Record stakeout notes.
- b. Compute yardage and record on Form SCS-ENG-528, SCS-ENG-529, SCS-ENG-523A, or ND-ENG-1.
- c. Compute quantities of other items such as pipe, concrete, etc.

4. Checking

- a. Record necessary measurement to determine that structure adheres to design and specifications. Such measurements may include weir length and elevations, depth of drop, length of sidewalls and wingwalls, pipe elevations, diameters, etc.
- b. Technician's signature and date checked.