

Irrigation Field Ditch – 388
DOCUMENTATION

1. General

Use ND-ENG-19, field notebooks, standard plan and profile, and others as needed for layout, design, survey and checking.

2. Design

- a. Record bench mark; describe and assign elevation.
- b. Record survey notes for profile and cross section of main or lateral.
- c. Record survey notes for such topographic information as needed.
- d. Record location, capacity, size and material for pump boxes, turnouts, checks and drops as applicable. Use standard plans when available.

3. Layout

- a. Take standard slope stake notes.
- b. Compute yardage when needed, using Form ND-ENG-1, SCS-ENG-528, or SCS-ENG-529.
- c. Construction stake structures and appurtenances.

4. Checking

- a. Completed grade of ditch will be taken.
- b. Sufficient cross sections will be taken to insure the design has been adhered to.
- c. All yardage computations will be checked when applicable.
- d. Check size, dimensions, elevations, etc. on all structures.
- e. Technician's signature and date checked.