

INSTRUCTIONS FOR USE OF CONSTRUCTION SPECIFICATION

IRRIGATION SYSTEM, TAILWATER RECOVERY, CODE 447

1. Applicability

This specification is applicable for the installation of an irrigation tailwater recovery system that is used as an integral part of an irrigation water distribution system to collect, store, and convey irrigation tailwater and/or rainfall runoff for reuse in irrigation.

2. Items to be included in the "ITEMS OF WORK AND CONSTRUCTION DETAILS" or on the Construction Drawings.

- a. Overall plan view, with location of storage facility and associated facilities (structures and components).
- b. Ingress and egress routes.
- c. Profile and cross sections of the storage facility, sumps, collection basins, etc., with critical elevations shown.
- d. Cross section and details of all structures.
- e. Appurtenant structural details.
- f. Type quantity, and quality of materials used for structures.
- g. Location of borrow areas, if required.
- h. Earthfill requirements— type material (USCS), compaction requirements, moisture requirements.
- i. Excavation requirements.
- j. Location of spoil areas.
- k. Spoil spreading requirements.
- l. Disposal of unsuitable excavated material.
- m. Vegetative requirements.
- n. Location of utilities and notification requirements.