

INSTRUCTIONS FOR USE OF CONSTRUCTION SPECIFICATION

IRRIGATION SYSTEM, MICROIRRIGATION, CODE 441

1. Applicability

This specification is applicable for the installation of a microirrigation system that may be required to distribute water under pressure for various purposes such as crop production soil health, or improve air quality.

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

General

- a. Plan map of the system on forms FL-ENG-441A, FL-ENG-441B, standard drawings FL-ENG-441, or other appropriate standard form. The detail shown on the plan map should be adequate to show the location, key elevations, system layout documenting material, and sizes of all pipelines, control valves, air/vacuum valves, pressure regulating valves, wellhead components, and other appurtenances.
 - i. System design pressure and flow rate.
 - ii. Subunit location, dimensions, and layout.
 - iii. Emitter type, design operating pressure, and flow rate.
 - iv. Appurtenance location, type, size, and installation requirements.
 - v. Location of utilities and notification.
- b. Provide site specific construction specifications that describe in detail installation of the irrigation system and all associated components.
- c. Additional information regarding operation of the system will be included in the Irrigation Water Management Plan, Waste Utilization Plan and/or Nutrient Management Plan, as applicable for the practice purpose.