



Division 330000

Utilities

DESIGN GUIDE

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- A. The Architect/Engineer must identify and/or verify critical utilities location on a project-by-project basis.
- B. A/E shall request CWU utility map information for reference, but locates and pot-holing may be required to ensure accuracy.
- C. Provide locator tape with metallic strip for all major non-metallic underground utility lines, including main irrigation lines. Locator tape to be placed twelve inches (12") minimum above all main lines, 4" or greater. Site and/or utilities plans shall indicate this tracer wire and locator tape requirement. Provide pea gravel or sand bedding and cover around all utility lines.
- D. During construction all pipe ends must be closed when left unattended.
- E. All domestic water lines must be buried at a minimum depth of forty-eight inches (48").
- F. All main sewer lines must be a minimum of six inches (6") in diameter throughout campus.
- G. Utilities Easement. All underground utilities design must be conceived and designed with an "easement approach" in mind, thus facilitating their maintenance and accessibility. The Schematic Design utility site plan and all other utilities site plan(s) thereafter, must clearly indicate the outline of this utility easement.