

SECTION 10
STANDARD PLAN NOTES

10.1 GENERAL

The standard notes shown below shall be included on all water and sewer plans submitted for approval to Lee County Utilities (LCU).

- A. All work shall conform to latest revision of the Lee County Utilities Operational Manual which is on file at the Division of Lee County Utilities office (1500 Monroe Street, P.O. Box 398, Fort Myers, Florida 33902).
- B. Any quantities shown on plans are not verified by LCU.
- C. At the site keep and maintain one record copy of all Contract Documents, reference documents and all technical documents submitted in good order. As the work progresses the Engineer or his designated representative shall record on one set of reproducible drawings all changes and deviations from the original Plans. He shall record the exact location of all changes in vertical and horizontal alignment by offsets and ties at each; sewer, water, electric, gas, communication and other services by off-set distance to permanent improvements such as building and curbs.

These Record Drawings must be certified by the Florida Registered Professional Engineer, who prepared the plans and signs and seals these plans. The Record Drawings shall include vertical and horizontal alignment of all water, sewer, and effluent reuse lines, valves, tees, bends, reducers, hydrants, pump stations, service connections, meter boxes and/or pads, and other pertinent structures. Pipeline runs in excess of 152.4m, (500'), without fittings shall include vertical alignment information at 152.4m, (500') intervals. Said alignment shall be tied to permanent improvements, such as roadway and/or railroad centerlines and rights-of-way, building and property corners, and shall be certified by a Professional Land Surveyor, licensed in the State of Florida. The Professional Land Surveyor can coordinate with the Contractor to install the necessary appurtenances on buried utilities to facilitate the survey after construction is completed. In addition, property strap numbers and street names shall be shown on the plan.

On a case by case basis, Lee County Utilities may waive the requirement for certification by a Professional Land Surveyor, licensed in the State of Florida. However, prior consent must first be obtained from Lee County Utilities. The County shall withhold final acceptance of the project until the requirement for record drawings and related records has been met. Record Drawings without detailed field verified horizontal and vertical locations of all facilities shown will be rejected.

- D. A pre-construction meeting is required before work may begin. Lee County Utilities shall be notified 48 hours prior to project mobilization.
- E. All work and materials, which do not conform to LCU specifications, are subject to removal and replacement at the Contractor's expense.
- F. Any work performed without the knowledge of LCU is subject to re-excavation, removal and replacement of same to be done at the Contractor's expense.
- G. The Contractor shall provide sufficient personnel and equipment on the job at all times during construction to satisfy the specifications and to complete work.
- H. LCU inspection staff may observe project construction.
- I. The Contractor is to uncover all existing lines being tied into and verify grades before beginning construction.
- J. It is the Contractor's responsibility to locate and take all possible precautions to avoid any damage to all underground pipelines, telephone, cable TV, electric lines/conduits and structures in advance of any construction. LCU will not guarantee any locations as shown on these plans or those omitted from these plans. The Contractor shall be fully responsible for any and all damages which may occur by his failure to exactly locate and protect existing utilities and structures.
- K. Contractor shall verify all quantities shown on the plans. If any discrepancies in quantities are found, the Contractor shall notify the Project Engineer and LCU.
- L. All Regulatory and Permitting Agencies' requirements shall be complied with.
- M. Appropriate turbidity control devices (e.g. silt fences, hay bails) will be utilized during all phases of installation and grading. Contractor is responsible for submitting the Notice of Intent and Notice of Termination to the EPA in compliance with Lee County's NPDES permit. Contractor is responsible for developing and maintaining an effective Storm Water Pollution Prevention Plan.
- N. In the event that hard limestone formation is encountered, making it impossible to excavate to the depth required under this contract, the Contractor may be allowed to reduce the pipe cover to not less than two (2) feet while maintaining the LCU required thickness of bedding under the pipe. Such deviation from the plans must be first be approved by LCU and the Engineer prior to the pipe laying. If two feet of cover or more can not be attained, the Contractor shall provide other method of construction or pipe protection which shall first be approved by LCU and the Engineer, at no additional cost to the County.
- O. Locations, elevations, and dimensions of existing utilities, structures and other features are

shown according to the best information available at the time of preparation of these plans, but do not purport to be absolutely correct. Prior to construction, the Contractor shall verify and be fully responsible for any and all damages which might be occasioned by his failure to exactly locate and preserve any and all existing utilities, structures, and other features affecting his work. Anything not shown on these drawings should be brought to the attention of the Engineer and shall not constitute an extra, unless approved by the Engineer.

- P. The Contractor shall contact the Engineer and LCU immediately concerning any conflicts with LCU utilities/structures arising during construction of any facilities shown on these drawings.
- Q. Traffic must be maintained at all times as per Lee County Department of Transportation (LCDOT) and per Florida Department of Transportation (FDOT) standard specifications for road and bridge construction, latest edition.
- R. The Contractor shall verify all utilities and provide at least 48 hours notice to the individual utility companies and FDOT and LCDOT prior to construction.
- S. The Contractor shall replace all pavement, curbs, driveways, sidewalks, fences, etc., with the same type of material that was removed during construction or as directed by the Engineer. The Contractor shall restore all areas affected by the construction to its original condition, or better.
- T. Within the FDOT and LCDOT Right-of-Way, all disturbed areas shall receive grassing (seeding) or sodding materials in accordance with FDOT specifications. Those areas that are classified as drainage ditches shall receive full solid sod.
- U. The information provided in these plans is solely to assist the Contractor in assessing the nature and extent of conditions which may be encountered during the course of work. All Contractors are directed, prior to bidding, to conduct whatever investigations they may deem necessary to arrive at their own conclusion regarding the actual conditions that will be encountered, and upon which their bids will be based.
- V. All frames, covers valve boxes, meter boxes and manholes shall be adjusted to finished grade upon completion of paving or related construction. All valve pads shall be poured in place. No pre-formed valve pads allowed.