

# LEE COUNTY UTILITIES STANDARD PLAN NOTES

## GENERAL

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

1. All work shall conform to latest revision of the LCU Design Manual which is available on our web-page via the following link: <https://www.leegov.com/utilities/design-manual>
2. All Regulatory and Permitting Agencies' requirements shall be complied with as well.
3. Any quantities shown on plans are not verified by LCU.
4. The information provided in these plans is solely to assist the Contractor in assessing the nature and extent of conditions that 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.
5. All construction work performed must be done by a Contractor licensed in the State of Florida to do the work intended.
6. A pre-construction meeting is required before work may begin. Required attendees include but are not limited to; the Engineer of Record or his designee, the Underground Contractor and the LCU Inspector assigned to the project. LCU is to be notified two (2) working days prior to the pre-construction meeting.
7. One copy of the LCU Approved/Stamped Construction Plans, all Contract Documents, Reference Documents and Technical Documents submitted must be kept at the site and maintained in good order.
8. All work and materials, which do not conform to LCU specifications, are subject to removal and replacement at the Contractor's expense.
9. 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.
10. LCU Inspection Staff is to be present for all hot taps, pressure tests, lift station start-ups and for any necessary inspection. The Contractor is to provide a minimum of two (2) working days

notice prior to scheduling any of the above with the exception of the lift station start-up which requires one-week notice.

11. 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.
12. The Contractor is to uncover all existing lines being tied into and verify grades before beginning construction.
13. 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. LCU will not guarantee any locations as shown on these plans or those omitted from these plans.
14. The Contractor shall verify all utilities and provide at least two (2) working days notice to the individual utility companies, FDOT and LCDOT prior to construction.
15. 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. The Contractor shall be fully responsible for any and all damages that may occur due to his failure to exactly locate and protect existing utilities and structures.
16. 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 of Record.
17. 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.
18. The Contractor shall verify all quantities shown on the plans. If any discrepancies in quantities are found, the Contractor shall notify the Engineer of Record and LCU.
19. 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.
20. 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.

21. 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 will be allowed.
22. Appropriate turbidity control devices (e.g. silt fences, hay bales) 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.
23. Contractor is responsible for developing and maintaining an effective Storm Water Pollution Prevention Plan.
24. LCU requires 30" of cover for all underground piping except under pavement, where 36" of cover is required. If LCU required cover cannot be maintained, the Contractor shall provide other methods of construction or pipe protection, which shall first be approved by LCU and the Engineer, at no additional cost to the County. If state agencies require additional cover, meeting the requirements shall be done at no additional cost to the County.
25. LCU requires there to be a minimum of ten (10) feet horizontal and 18" vertical separation between potable water & sanitary sewer mains. LCU also requires minimum of ten (10) feet horizontal separation between other public and/or private utilities, structure(s), building(s), wall(s), fountain(s), fence(s) and LCU infrastructure unless specifically approved by LCU.
26. LCU requires there to be a minimum of five (5) feet horizontal separation between LCU infrastructure and drainage infrastructure, mitered end sections, inlets, etc. LCU also requires minimum of five (5) feet horizontal separation between LCU infrastructure and all new light pole foundations.
27. The root ball of palm trees shall be a minimum of five (5) feet and the root ball of shade trees shall be a minimum of ten (10) feet from any existing or proposed LCU owned and maintained pipe/infrastructure.
28. As the work progresses the Contractor shall record all changes and deviations from the LCU Stamped/Approved Construction Plans. In addition, he shall record the exact location of all changes in vertical and horizontal alignment with coordinates with respect to the NAVD 1988 State Plane Florida West Coordinate System as well as all requirements set forth in the LCU Design Manual. This information is to be forwarded to the Engineer of Record who prepared, signed and sealed the Approved Construction Plans so that he can prepare 'Record Drawings' per the requirements set forth in the LCU Design Manual.