

PROJECT NOTES

1. Grading Contractor shall be responsible for the control of erosion and siltation during all phases of construction.
2. Prior to Ordering Precast Structures: Shop drawings shall be submitted to the design engineer for approval. Upon approval these shall be sub-mitted to the City of Lee’s Summit for review.
3. Manhole top elevations designated as "Field Verify" (F.V.) are located outside the street right-of-way or in areas of undetermined grading. Contractors ordering precast manholes shall be responsible for adjustment required in the field at no additional cost to the owner. The contractor shall field verify the top elevations prior to ordering precast manholes.
4. All water lines, sanitary sewer lines, and storm water drainage crossings shall be in place or a casing pipe provided for future installation prior to base and surface asphalt courses.
5. Sidewalks are shown for informational purposes only unless otherwise noted. However, the contractor shall be responsible for handicap ramp construction in curbs.

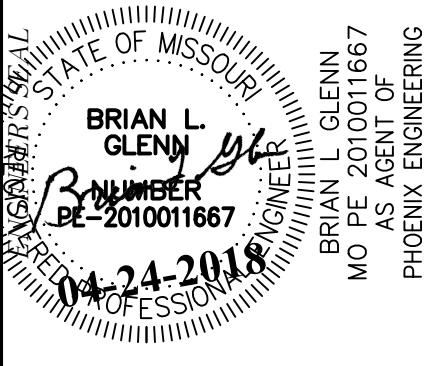
GENERAL NOTES

1. Refer to the current version of the City of Lee’s Summit Design and Construction (D&C) Manual not the 2004 KCMO APWA, for construction of these plans.
2. All workmanship and materials shall be subject to the inspection and approval of the Engineering Department of the City of Lee’s Summit, Missouri.
3. Lineal foot measurements shown on these plans are horizontal measurements, not slope measurements. All payments shall be made on horizontal measurements.
4. No Geological Investigation was performed on this project.
5. The Utility locations shown on these plans are taken from Utility Company records and are approximate only. They do not constitute actual field locations. The Contractor shall verify the location and depth of all utilities prior to construction.
6. Clearing and Grubbing operations and disposal of all debris therefrom shall be performed by the contractor in strict accordance with all state and local codes and ordinances.
7. All waste material shall be disposed of at a location to be selected by the owner or his authorized representative, such location to be on the site.
8. The Contractor shall control the erosion and siltation during all phases of construction, he shall keep the streets clean of mud and debris and follow the erosion control plan prepared by the design engineer.
9. All existing manholes, catch basins, utility valves and meter pits to be adjusted or rebuilt to grade as required.
10. Subgrade soil for all concrete structures, regardless of the type or location, shall be firm, dense and thoroughly compacted and consolidated; shall be free from muck and mud; and shall be sufficiently stable to remain firm and intact under the feet of the workman or machinery engaged in subgrade, laying reinforcing steel, and depositing concrete thereon. In all cases where subsoil is mucky or works into mud or muck during such operation, a seal course of either concrete or rock shall be placed below subgrade to provide a firm base for working and for placing the floor slab.
11. A minimum horizontal distance of ten (10’) shall be maintained between parallel water and sanitary sewer lines. At any point where sanitary sewer lines cross water main, the sanitary sewer shall be constructed of cast iron pipe or pipe encased in concrete for a distance of ten feet (10’) in each direction from the crossing unless the water is a minimum of eighteen inches (18”) above the top of the sanitary sewer line.
12. Contractor shall provide testing and inspection per SECTION 2200 – PAVING MAINS CITY OF LEE’S SUMMIT, MISSOURI STANDARD SPECIFICATIONS.
13. Development plans are approved initially for one (1) year, after which they automatically become void and must be updated and approved by the City Engineer before any construction will be permitted.
14. All sanitary sewer stubs shall be surveyed and staked on site before the construction of sanitary service stubs.

15. The City of Lee’s Summit plan review is only for general conformance with the City of Lee’s Summit Design Criteria and the City Code. The City is not responsible for the accuracy and adequacy of the design, or dimensions and elevations which shall be confirmed and correlated at the job site. The City of Lee’s Summit through approval of this document assumes no responsibility other than as stated above for the completeness and/or accuracy of this document.
16. The Contractor shall have one (1) signed copy of the plans (approved by the City of Lee’s Summit) and one (1) copy of the appropriate Construction Standards and Specifications at the job site at all times.
17. Construction of the improvements shown or implied by this set of drawings shall not be initiated or any part thereof undertaken until the City Engineer is notified of such intent and all required and properly executed bonds and permit fees are received and approved by the City Engineer.
18. All stub lines shall be laid on 2.00% minimum grade unless approved otherwise.
19. Contractor shall not be allowed to work on Saturdays, Sundays, or Holidays without prior approval of the City Engineer.
20. Relocation of any water line, sewer line or service line thereof required for the construction of this project shall be the responsibility of the contractor and shall be at his expense.
21. The Contractor shall install and properly maintain a mechanical plug at all connection points with existing lines until such time that the new line is tested and approved.
22. The Contractor shall construct manholes placing eccentric cone section in such a manner that manhole covers are adjacent to the proposed sidewalks. In locations where manholes are not near proposed sidewalks the manhole covers shall generally be placed on the upstream side of the manholes whenever possible.
23. Stub lines, locations, and minimum basement floor elevations are located in the table labeled "Table of Service Locations".
24. Construction permits will not be issued until the City of Lee’s Summit receives a sewer extension permit from MDNR.
25. All areas where utilities are to be installed in fill shall be compacted to 95% to 18 inches above the line then excavated for construction of the line.
26. The Contractor will be responsible for testing of manholes and pipes to the City of Lee’s Summit Design & Construction Manual requirements.
27. The Developer will be responsible for performing pressure testing on every section of the sanitary sewer lines, pressure testing on every manhole, and running a mandrel through every section of sanitary sewer line to test for alignment. Testing criteria will be in accordance with City of Lee’s Summit Design & Construction Manual specifications.
28. All utility street crossings shall be backfilled with flowable fill, or AB-3. If contractor chooses to use other suitable materials, extensive soil testing requirements will be required.

WHISPERING WOODS
LEE'S SUMMIT, JACKSON COUNTY, MO
STREET & STORM SEWER PLANS
GENERAL NOTES

DESIGNED
BLG
DRAWN
JRT
SCALE
NOTED
DATE
09-01-2018
JOB NO.
04078
SHEET



PHOENIX ENGINEERING
& SURVEYING, LLC
3833 S. NORTHERN BLVD.
INDEPENDENCE, MO 64662
(816) 743-9000 FAX: (816) 743-9700
ENGINEERING CERTIFICATE NO: MO E-2000151302-D KS: E-853
SURVEYING CERTIFICATE NO: MO LS-2000151303-D KS: LS-138

REVISION

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