MAIN ORCHARD

Lots 1 Thru 6 MASTER DRAINAGE PLAN Part of the NE 1/4 Section 6, Township 47 North, Range 31 West LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

CONSTRUCTION AND DESIGN NOTES:

SANITARY SEWERS:

1. SANITARY SEWER PIPE SHALL BE POLY VINYL CHLORIDE (PVC), SDR-26, UNLESS NOTED OTHERWISE IN THESE PLANS.

2. HOUSE SEWER LATERALS SHALL BE 4 INCH PVC, SDR-26. LATERALS SHALL BE CONSTRUCTED USING A TOP ORIENTED "WYE" AT THE SEWER STATION SHOWN IN THESE PLANS. LATERALS SHALL BE LAID AT A GRADE OF 2.0% FROM THE SEWER MAIN TO THE STREET RIGHT-OF-WAY LINE OR EASEMENT LINE AS REPRESENTED BY THE LATERAL LENGTH SHOWN IN THESE PLANS. THE ELEVATION SHOWN FOR THE END OF THE LATERAL IN THESE PLANS IS APPROXIMATE. THE ACTUAL ELEVATION SHALL BE DETERMINED BY THE FLOW LINE ELEVATION OF THE SEWER MAIN, THE FITTINGS AND GRADE OF THE SEWER LATERAL.

3. THE CONTRACTOR SHALL MAINTAIN A LOG OF THE "AS BUILT" STATION AND LENGTH OF EACH HOUSE LATERAL AND SHALL PROVIDE ENGINEERING SOLUTIONS, L.L.C. WITH A COPY OF SAID LOG UPON COMPLETION OF SEWER CONSTRUCTION.

4. ALL MANHOLES INSTALLED IN THE STREET RIGHT-OF-WAY SHALL BE FINISHED 1/2" PER FOOT ABOVE THE NEAREST ADJACENT BACK OF CURB

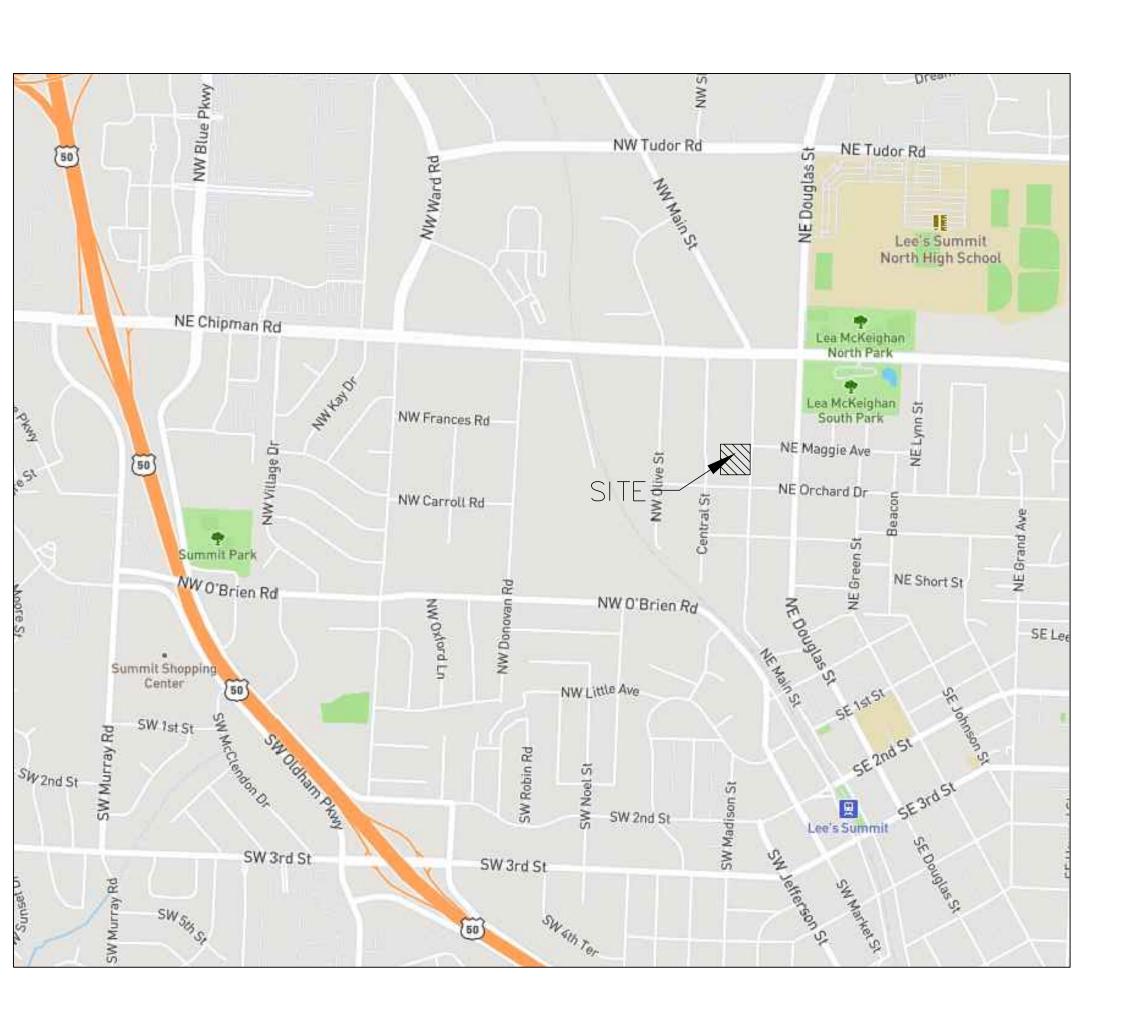
5. A STAKE SHALL BE PLACED AT THE END OF EACH WYE CONNECTION WITH THE END ELEVATION WRITTEN ON THE STAKE

6. FILL AREAS SHALL HAVE 3 FEET OF COMPACTED FILL IN PLACE PRIOR TO TRENCHING

7. A TRENCH CHECK CONSISTING OF FLOWABLE FILL MUST BE INSTALLED ON EVERY PRIVATE LATERAL.

GENERAL NOTE:

 ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL AS ADOPTED BY ORDINANCE 5813.
 TRENCH CHECKS SHALL BE INSTALL AT ALL SANITARY WYES LOCATION.



INDEX OF SHEETS:

- C.001 ~ COVER SHEET
- C.050 ~ ESC PHASE 1 Pre Clearing Plan
- C.051 ~ ESC PHASE 2 Inactive Area Stabilization Plan C.052 ~ ESC PHASE 3 - Final Restoration Plan
- $C.053 \sim ESC Standard Details$
- C.100 ~ SITE PLAN
- C.200 ~ MASTER DRAINAGE PLAN SHEET 1 OF 3 GRADING PLAN
- C.201 ~ MASTER DRAINAGE PLAN SHEET 2 OF 3 SPOT ELEVATIONS
- C.202 ~ MASTER DRAINAGE PLAN SHEET 3 OF 3 DRAINAGE AREA MAP

UTILITY COMPANIES:

THE FOLLOWING LIST OF UTILITY COMPANIES IS PROVIDED FOR INFORMATION ONLY. WE DO NOT OFFER ANY GUARANTEE OR WARRANTY THAT THIS LIST IS COMPLETE OR ACCURATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES THAT MAY BE AFFECTED BY THE PROPOSED

- CONSTRUCTION AND VERIFYING THE ACTUAL LOCATION OF EACH UTILITY LINE. THE CONTRACTOR SHALL NOTIFY ENGINEERING SOLUTIONS AT 816.623.9888 OF ANY CONFLICT WITH PROPOSED IMPROVEMENTS. KCP&L ~ 298-1196
- SPIRE ~ 969-2200
- SOUTHWESTERN BELL TELEPHONE ~ 761-5011
- COMCAST CABLE ~ 795-1100
- CITY OF LEE'S SUMMIT PUBLIC WORKS ~ 969-1800 CITY OF LEE'S SUMMIT DEVELOPMENT ENGINEERING INSPECTION AT 816.969.1200
- CITY OF LEE'S SUMMIT WATER UTILITIES ~ 969-1900
- MISSOURI ONE CALL (DIG RITE) ~ 1-800-344-7483

LEGEND:

SAN

ST

- BUILDING SET–BACK
- C/A COMMON AREA
- DRAINAGE EASEMENT
- . FOUND
- LANDSCAPE EASEMENT
 LIMITS OF NO ACCESS
- RIGHT OF WAY
- SANITARY SEWER LINE
- S/W SIDEWALK
 - UTILITY EASEMENT
- WATER LINE – STORM SEWER LINE

ENGINEER'S CERTIFICATION:

I HEREBY CERTIFY THAT THIS PROJECT HAS BEEN DESIGNED AND THESE PLANS PREPARED IN ACCORDANCE WITH THE CURRENT DESIGN CRITERIA OF THE CITY OF LEE'S SUMMIT, MISSOURI AND THE STATE OF MISSOURI. I FURTHER CERTIFY THAT THESE PLANS WERE DESIGNED IN ACCORDANCE TO AASHTO STANDARDS.

CITY OF LEE'S SUMMIT, MISSOURI

DATE: _____

APPROVED:

BY:

CITY ENGINEER

ENGINEERING & SURVEYING ENGINEERING & SURVEYING ENGINEERING & SURVEYING SOLUTTONS 50 SE 30TH STREET LEE'S SUMMIT, MO 64082 P:(816) 623-9888 F:(816)623-9849
Professional Registration Missouri Engineering 2005002186-D Surveying 2005008319-D Kansas Engineering E-1695 Surveying LS-218 Oklahoma Engineering CA2821 Nebraska Engineering CA2821 I Tee's Zummit, Jackson County, Missouri Lee's Zummit, Jackson County, Missouri
Cover Sheet Project Construction Plans for: Project Construction Plans for: Estonwman ST MAIN ORCHARD Eston Wain ST Section 6, Township 47 North, Range 31 West Issue Date: Lee's Summit, Jackson County, Missouri December 11, 2019
Motthew J. Schlicht MO PE 2006019708 KS PE 19071 OK PE 25226 NE PE E-14335 REVISIONS