

UTILITY NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AT PROPOSED POINTS OF CONNECTION AND CONFIRM EXACT LOCATIONS/SIZES/MATERIALS OF ALL UTILITY SERVICE LINE HOOKUPS TO THE BUILDING (PER MEP PLANS) PRIOR TO UTILITIES CONSTRUCTION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ARRANGING ONSITE MEETINGS WITH THE CITY, GOVERNING AGENCIES, AND UTILITY OWNERS PRIOR TO THE START OF ANY CONSTRUCTION OR INSTALLATION OF UTILITIES.
3. THE CONTRACTOR SHALL CONSTRUCT ALL WATER AND SANITARY SEWER SERVICE LINES, AND CONNECTIONS IN ACCORDANCE WITH THE APPLICABLE STANDARDS AND SPECIFICATIONS OF THE CITY OR LOCAL UTILITY PROVIDER.
4. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING UTILITY SERVICE CONNECTIONS WITH THE APPROPRIATE UTILITY COMPANY/OWNER, AND TO OBTAIN ALL PERMITS AND PAY ALL FEES AS REQUIRED FOR SERVICE CONNECTIONS TO UTILITY MAINS.
5. ALL SANITARY AND WATER SERVICE CONSTRUCTION TO BE DONE UNDER A PLUMBER'S PERMIT, AND SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES AND CITY OF O'FALLON STANDARD SPECIFICATIONS.
6. CONTRACTOR TO FIELD VERIFY SANITARY SERVICE SIZE AND ELEVATION. IF CONTRACTOR IS UNABLE TO OBTAIN SLOPE MINIMUM FOR SANITARY, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY. SEWER LINE WITH A SLOPE GREATER THAN 20% WILL REQUIRE CONCRETE CRADLE OR CONCRETE COLLAR AT EACH PIPE JOINT. SANITARY LINE WITH A SLOPE GREATER THAN 50% WILL REQUIRE A SPECIAL APPROVED DESIGN.
7. UTILITY TRENCHES AND STRUCTURE EXCAVATIONS ARE TO BE SLOPED OR BRACED AND SHEETED AS NECESSARY FOR THE SAFETY OF THE WORKMEN AND THE PROTECTION OF OTHER UTILITIES IN COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REQUIREMENTS.
8. UNLESS OTHERWISE NOTED, CONTRACTOR SHALL PROVIDE TRENCHING FOR ALL UTILITY SERVICE LINES.
9. CONTRACTOR TO SET AND ADJUST ALL PROPOSED UTILITY STRUCTURES, CLEANOUTS, VALVES, METER PITS, ETC. TO FINISH GRADE. EXISTING ITEMS AFFECTED BY THE WORK SHALL BE ADJUSTED AS REQUIRED TO MATCH FINISH GRADE.
10. PRIOR TO INSTALLATION OF WATER SERVICE, CONTRACTOR TO COORDINATE WITH CITY OF O'FALLON.
11. PRIOR TO FINAL ACCEPTANCE ALL WATER MAIN PIPE SHALL BE FLUSHED, PRESSURE TESTED AND DISINFECTED BY THE CONTRACTOR IN ACCORDANCE WITH CITY OF O'FALLON STANDARD SPECIFICATIONS.
12. THE MINIMUM DEPTH FOR ALL WATER PIPE SHALL BE FORTY TWO (42) INCHES AS MEASURED FROM TOP OF PIPE TO FINISH GRADE.
13. THE CONTRACTOR SHALL COORDINATE WATER MAIN WORK WITH THE FIRE DEPARTMENT TO ENSURE ADEQUATE FIRE PROTECTION IS CONSTANTLY AVAILABLE TO THE SITE AND ADJACENT PROPERTIES. CONTRACTOR WILL BE RESPONSIBLE FOR ARRANGING/PROVIDING ANY REQUIRED WATER MAIN SHUT OFFS WITH THE CITY DURING CONSTRUCTION. ANY COSTS ASSOCIATED WITH WATER MAIN SHUT OFFS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
14. THE CONTRACTOR SHALL VERIFY ALL VERTICAL AND HORIZONTAL CROSSINGS OF ALL PROPOSED AND EXISTING UTILITIES PRIOR TO INSTALLATION OF UTILITIES. CONTACT THE ENGINEER WITH ANY CONFLICTS.
15. ALL PIPE BEDDING SHALL MEET CITY OF O'FALLON STANDARDS.
16. ALL SANITARY SEWER PIPE SHALL BE SDR35 OR EQUAL. ALL SANITARY SEWER LATERALS SHALL BE SCHEDULE 40 PVC OR EQUAL.
17. ALL PROPOSED UTILITIES SHALL BE UNDERGROUND.
18. ICE, SODA, COFFEE, TEA MACHINES OR ANY APPLIANCE THAT CONNECTS DIRECTLY TO THE WATER LINE SHALL BE PROVIDED WITH PROTECTION AGAINST BACKFLOW WITH A DOUBLE CHECK VALVE.

WATER

- W1 1"x1-1/4" REDUCER AT BUILDING CONNECTION (REF. MEP PLANS FOR CONTINUATION)
- W2 INSTALL 1.66 L.F. 1" PVC PRIVATE WATER LINE AND ALL NECESSARY BENDS AND FITTINGS
- W3 INSTALL 1" 45° BEND
- W4 INSTALL 28.6 L.F. 1" PVC PRIVATE WATER LINE AND ALL NECESSARY BENDS AND FITTINGS
- W5 INSTALL 1.77 L.F. 1" PVC PRIVATE WATER LINE AND ALL NECESSARY BENDS AND FITTINGS
- W6 INSTALL CITY OF O'FALLON STANDARD 1" WATER METER. COORDINATE LOCATION OF METER AND TAP WITH CITY ENGINEER
- W7 TAP EXISTING WATER MAIN FOR PROPOSED 1" WATER SERVICE. INSTALL SERVICE SADDLE PER CITY OF O'FALLON STANDARDS

SANITARY SEWER:

- S1 SANITARY SEWER LOCATION AT BUILDING CONNECTION. FL=537.30
- S2 INSTALL 6" SANITARY SEWER CLEANOUT.
- S3 INSTALL 21.07 L.F. 6" POLYVINYL CHLORIDE SCHEDULE 40 (OR EQUIVALENT AS DETERMINED BY THE CITY OF O'FALLON) PRIVATE SANITARY SEWER LINE @ 2.0% MIN.
- S4 INSTALL 32.00 L.F. 6" POLYVINYL CHLORIDE SCHEDULE 40 (OR EQUIVALENT AS DETERMINED BY THE CITY OF O'FALLON) PRIVATE SANITARY SEWER LINE @ 2.0% MIN.
- S5 CONNECT TO EXISTING 8" SANITARY SEWER LINE CONTRACTOR TO FIELD VERIFY FLOWLINE ELEVATION OF EXISTING 8" LINE.
- S6 INSTALL 6" SANITARY SEWER WYE.
- S7 INSTALL 6" 45° BEND.

ELECTRICAL

- E1 CONNECT TO EXISTING POWER SOURCE. COORDINATE AND VERIFY LOCATION WITH AMEREN.
- E2 INSTALL ELECTRICAL SERVICE CONDUIT. COORDINATE CONDUIT SIZE, ROUTING, INSTALLATION AND CONNECTION WITH AMEREN. SEE MEP PLANS FOR CONNECTION.

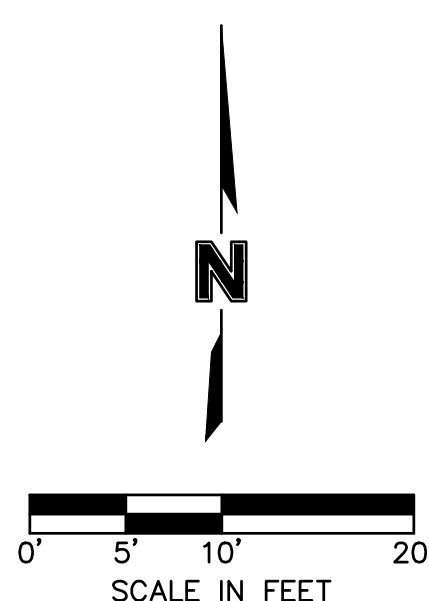
COMMUNICATION

- C1 INSTALL CONDUIT FOR FIBER OPTIC SERVICE. COORDINATE SIZE (2" MIN.), ROUTING, INSTALLATION AND CONNECTION WITH UTILITY PROVIDER.
- C2 CONNECT TO EXISTING COMMUNICATIONS SOURCE. EXACT LOCATION UNKNOWN. CONTRACTOR SHALL COORDINATE PROPOSED CONNECTION WITH UTILITY PROVIDER.

UTILITIES LEGEND

| | |
|------|-------------------------|
| E | EXISTING ELECTRIC |
| T | EXISTING TELEPHONE |
| W | EXISTING WATER |
| SS | EXISTING SANITARY SEWER |
| G | EXISTING GAS |
| W | PROPOSED WATER |
| P-UG | PROPOSED ELECTRIC |
| COMM | PROPOSED COMMUNICATIONS |
| SS | PROPOSED SANITARY SEWER |

—CAUTION—
THE LOCATION OF UNDERGROUND UTILITIES DEPICTED ON THESE DRAWINGS ARE BASED ON VISUAL SURFACE EVIDENCE AND/OR AS-BUILT DRAWINGS PROVIDED BY OTHERS AND, THEREFORE, MAY NOT REPRESENT ALL UTILITIES PRESENT OR THEIR ACTUAL LOCATIONS. IT IS THE CONTRACTORS RESPONSIBILITY FOR COORDINATING WITH INDIVIDUAL UTILITY OWNERS TO ASCERTAIN THE EXACT LOCATION OF EXISTING UTILITIES AT SPECIFIC POINTS OF CONNECTION AND FOR NOTIFYING AHJ PRIOR TO ANY EXCAVATION ON SITE.



BENCHMARKS
BENCHMARK #1:
TOP OF FIRE HYDRANT.
ELEV.= 540.44

1-800-DIG-RITE on 811
www.motcall.com

City of O'Fallon Standard Notes and Details - July 2019

SCOOTERS O'FALLON
411 S. MAIN STREET
O'FALLON, MO

olsson

Olsson, Inc. Engineering MO State Cert. of Authority #001592
Olsson, Inc. Landscape Architecture MO State Cert. of Authority #2005000285
550 St. Louis St.
Springfield, MO 65806
TEL 417.890.8802
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Developer / Owner Information
SCOOTER'S COFFEE - 10500 SAPP BROTHERS DRIVE - OMAHA, NE 68138
CONTACT: DAN FORSLUND - (913) 375-5256
OWNER
DEPEW FAMILY TRUST & JACK L DRAKE & DAYNA C DRAKE
P.O. BOX 860910 - SHAWNEE, KS 66286

City of O'Fallon UTILITY PLAN

P+Z No.
Approval Date

Permit No.

Page No.

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