



NOTE: ALL PROPER SAFETY ATTIRE SHALL BE WORN WHILE WORKING WITHIN M&DOT RIGHT OF WAY LIMITS.

WATER NOTE

- ALL WATER MAINS SHALL HAVE A MINIMUM OF 42" COVER.
- DOUBLE WATER METER SETUPS WILL BE REQUIRED WITH A SINGLE SERVICE LINE TO EACH METER.
- ALL WATER MAINS THAT CROSS UNDER THE PAVEMENT OR LIE WITHIN THE 1:1 SHEAR PLANE OF THE PAVEMENT SHALL PROVIDE 1" MINUS GRANULAR BACKFILL WITHIN THE TRENCH.

UTILITIES NOTE

UNDERGROUND FACILITIES, UTILITIES AND STRUCTURES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE, THEIR LOCATION MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO EXCAVATION OR CONSTRUCTION.

PWSD#2 WATER NOTES

1. The water system shall be installed in accordance with the latest Guidelines and Specifications of Public Water Supply District No. 2 of St. Charles County.
2. Public Water Supply District No. 2 of St. Charles County specifications are on file with the Missouri Department of Natural Resources. Please refer to specifications Review Number:
6050805-13
3. Public Water Supply District No. 2 of St. Charles County requires a minimum of one (1) week's notice prior to beginning construction of water mains.

WATER CIRCLE NOTES

- 1 FIRE HYDRANT WITH VALVE, PER DETAILS ON SHEET 56
- 2 8"x8"x8" TEE
- 3 8"x8"x6" TEE
- 4 8" - 6" REDUCER
- 5 8" WATER VALVE
- 6 6" WATER VALVE
- 7 90° BEND
- 8 45° BEND
- 9 22.5° BEND
- 10 11.25° BEND
- 11 WATER MAIN TERMINATION, SEE DETAILS ON 56.

PAVEMENT NOTE:
THE CITY OF O'FALLON SHALL BE NOTIFIED BEFORE ANY WORK IS DONE NEAR THE PAVEMENT.
ANY PAVEMENT DAMAGED SHALL BE REPLACED IN KIND.
TRAFFIC SHALL REMAIN OPEN AT ALL TIMES DURING CONSTRUCTION.
ANY OFFSITE PROPERTY THAT IS DISTURBED BY THE PROPOSED WATER MAIN INSTALLATION, BORES, AND/OR CONNECTIONS SHALL BE PROPERLY REPAIRED AND RESTORED WITH SOD.
CONNECTIONS MUST BE MADE PER PWSD#2'S SPECIFICATIONS

SEE SHEET 56 FOR PROFILE OF PROPOSED BORE.

RESTRAINED 8" PVC PIPE IS REQUIRED THROUGH THE BORE.

168' OF 18" STEEL CASING PIPE DIRECTIONALLY DRILLED

BORE BETWEEN LOTS 15K AND 14K

RECEIVING PIT

6" WET TAP CONNECTION

MATCHLINE SHEET 18

MATCHLINE SHEET 17

PROJECT TITLE
**IMPROVEMENT PLANS
THE VILLAGES AT
MONRACHET (REVISED)**

WATER PLAN
PFS No. 14055MCH000P
TASK 017 FIELD BOOK 1476

PICKETT, RAY & SILVER INC
CIVIL ENGINEERING, LAND SURVEYING,
AND NATURAL RESOURCES SERVICES

St. Peters
22 Richmond Center Court
St. Peters, MO 63376
Phone (636) 397-1211 Fax (636) 397-1104
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ENGINEER'S AUTHENTICATION
THE RESPONSIBILITY FOR PROFESSIONAL ENGINEERING LIABILITY ON THIS PROJECT IS LIMITED TO THE SET OF PLANS AUTHENTICATED BY THE SEAL, SIGNATURE, AND DATE HEREON ATTACHED. RESPONSIBILITY IS DISCLAIMED FOR ALL OTHER ENGINEERING PLANS PROVIDED IN THIS PROJECT AND SPECIFICALLY EXCLUDES REVISIONS AFTER THIS DATE UNLESS REAUTHENTICATED.

PICKETT, RAY & SILVER, INC. MO
LICENSE #00338

KARL ANTHONY SCHOENIKE
STATE OF MISSOURI
PROFESSIONAL ENGINEER
NUMBER PE-2003015039
09/28/16

KARL A. SCHOENIKE, P.E.
ELECTRONIC SEAL
PROFESSIONAL ENGINEER LICENSE 2003015039

Developer / Owner Information
MONRACHET DEVELOPMENT LLC
218 Chesterfield Towne Centre
Chesterfield, Missouri 63005
Phone: 636-530-6900

P+Z No. 15-15.01
City No. 15-742-SP

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WATER PLAN