- EXISTING SANITARY SEWER LINE TO BE ABANDONED

MATCH LINE

SHEET C3

UTILITY NOTES:

- 1. LOCATE EXISTING UTILITIES. CALL THE TENNESSEE ONE CALL NORTH SYSTEM, AT 1-800-351-1111.
 - 2. BLASTING WILL NOT BE ALLOWED ON THIS PROJECT WITHOUT PRIOR EXPRESS WRITTEN PERMISSION FROM THE OWNERS REPRESENTATIVE.
 - PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY OWNERS TO NOTIFY THEM OF WORK IN THE AREA AND REQUEST THEM TO PROPERLY LOCATE THEIR RESPECTIVE UTILITY. NOTIFICATION SHALL BE GIVEN AT LEAST THREE BUSINESS DAYS PRIOR TO COMMENCEMENT OF OPERATIONS AROUND THE
 - 4. CONTRACTOR MUST HAVE A VALID STATE OF TENNESSEE MUNICIPAL UTILITY LICENSE FOR CONSTRUCTION OF WATER AND SANITARY SEWER MAINS.
 - 5. THE LOCATIONS OF THE EXISTING UTILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD BY POTHOLING AND BY CONTACTING THE UTILITY COMPANIES INVOLVED.
 - 6. PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD THE EXISTING UTILITIES FROM DAMAGE DURING THE CONSTRUCTION OF THIS PROJECT. FURNISH ANY SPECIAL EQUIPMENT REQUIRED TO WORK OVER AND AROUND THE UTILITIES.
 - 7. TRENCH DESIGN AND SAFETY FOR PIPELINE CONSTRUCTION IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL CONFORM WITH ALL APPLICABLE LOCAL, STATE, AND OSHA REGULATIONS.
 - 8. INSTALL FITTINGS AS NEEDED TO AVOID CONFLICTS WITH EXISTING AND PROPOSED UNDERGROUND LINES AND OBSTRUCTIONS.
 - 9. LOCATE WATER VALVES OUTSIDE OF PAVED AREAS.
 - 10. WATER SERVICES SHOWN ON THESE DRAWINGS ARE FOR GENERAL LOCATION ONLY, PRIOR TO INSTALLATION, CONTRACTOR TO COORDINATE WITH THE UTILITY OWNER TO DETERMINE ACTUAL FIELD LOCATION OF WATER SERVICE TAPS, SERVICE LINES, VALVES, AND WATER METERS.
 - 11. UNLESS OTHERWISE NOTED, ALL SANITARY SEWER LINES SHALL BE PVC, SDR 26. ALL LATERALS TO BE 6" WITH A MINIMUM SLOPE OF
 - 12. BIDDERS SHALL FIELD VERIFY EXTENT OF CONCRETE. ASPHALT PAVEMENT, AND OTHER MATERIALS THAT WILL REQUIRE CUTTING, TRENCHING, AND RECONSTRUCTION/REPAIR DUE TO INSTALLATION OF PROPOSED WATER AND SEWER LINES AND APPURTENANCES.
 - 13. METHOD OF WATER LINE INSTALLATION IS AT THE CONTRACTOR'S OPTION. ALL METHODS SHALL BE PER SPECIFICATIONS; NO ADDITIONAL COSTS WILL BE PAID FOR ALTERNATE METHODS.
 - 14. CONTRACTOR SHALL COORDINATE WITH KUB AND OWNER TO ASSURE MINIMAL INTERRUPTION OF SERVICE. ALL INTERRUPTION OF SERVICE SHALL RECEIVE PRIOR APPROVAL AND SHALL BE SCHEDULED WITH OWNER. THE EXISTING WATER METERS AND PRIVATE WATER SYSTEM SERVING THE MONTGOMERY VILLAGE PROJECT SHALL REMAIN IN PLACE AND STAY ACTIVE UNTIL NO LONGER REQUIRED FOR WATER DELIVERY. WORK AND MATERIALS SPECIFICALLY ASSOCIATED WITH THE DISCONNECTION AND REMOVAL AND/OR ABANDONMENT OF THE EXISTING PRIVATE SYSTEM SHALL BE PROVIDED AND PERFORMED IN THIS PROJECT CONTRACT AND SHALL BE INCLUDED IN THIS BID.
 - 15. ALL TREES WITHIN 20' OF PROPOSED CONSTRUCTION SHALL BE PROPERLY PROTECTED. THE REPLACEMENT OF REMOVED TREES WILL NOT BE PERFORMED DURING THIS PHASE OF THE PROJECT. WORK AND MATERIALS SPECIFICALLY ASSOCIATED WITH THE REPLACEMENT OF TREES WILL BE PROVIDED AND PERFORMED IN A SUBSEQUENT PROJECT CONTRACT AND SHALL NOT BE INCLUDED IN THIS BID.
 - 16. THE WATER SERVICE ASSEMBLIES PER KUB FIGURE 12-02518-L WILL BE INSTALLED BY OTHERS TO A POINT AT 24" BEYOND THE METER WELLS. THE WATER METERS SHALL BE PROVIDED IN THIS CONTRACT AND THE COSTS SHALL BE INCLUDED IN THE BID. WORK AND MATERIALS SPECIFICALLY ASSOCIATED WITH THE INSTALLATION OF THE WATER METERS, DOMESTIC WATER LINES FROM A POINT 24" BEYOND THE METER WELLS, BACKFLOW PREVENTERS (SEE ALTERNATE #6), AND OTHER ASSOCIATED APPURTENANCES SHALL BE PROVIDED AND PERFORMED IN THIS CONTRACT AND SHALL BE INCLUDED IN THIS BID.

LEGEND:

_	— SS <i>—</i>	
	— W —	
	— DW—	
_	— <i>ss</i> —	
	● <i>co</i>	

PROPOSED WATER LINE PROPOSED WATER VALVE AND BOX PROPOSED FIRE HYDRANT ASSEMBLY PROPOSED SEWER LINE PROPOSED SEWER CLEANOUT

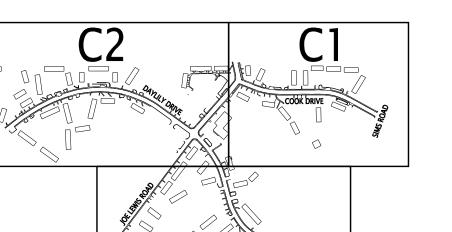
TYP. (1/C2) PROPOSED SINGLE WATER METER PROPOSED BACKFLOW PREVENTER PROPOSED BLOW-OFF VALVE PROPOSED INLET SEDIMENT CONTROL TYPICAL

EXISTING SANITARY SEWER LINE

EXISTING WATER LINE

DETAIL REF. (DETAIL NO./SHT. NO.)

CIVIL ENGINEER:





10330 HARDIN VALLEY ROAD SUITE 201 **KNOXVILLE, TN 37932** OFFICE: 865.690.6419 FAX: 865.690.6448 www.fulghummacindoe.com FMA PROJECT: 397.001

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4530 , KNOXVILL

DATE ISSUE FOR 04/27/10 / \ BID SET

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designs shown on these drawings are copyright © of DESIGN INNOVATIONS ARCHITECTS, INC. PROPOSED PRIVATE SITE WATER AND SANITARY SEWER **IMPROVEMENTS**

Sheet Number