



Project	431 008	Sheet	APPROVED
Date	03/08/19	Revision	1
Scale	1" = 20'	Revision/Issue	No.
PROJ. MGR.	AMG	DESIGNED BY	AMG
DRAWN BY	JAD	ISSUED FOR CONSTRUCTION	03/08/19
		Revision/Issue	No.

- UTILITY NOTES:**
1. WORK SHALL CONFORM TO NATIONAL, STATE, & LOCAL CODES AS WELL AS THE UTILITY OWNER'S CONSTRUCTION STANDARDS. WHERE A CONFLICT EXISTS BETWEEN APPLICABLE CODES, CONTACT THE AUTHORITY HAVING JURISDICTION FOR CLARIFICATION.
  2. LOCATE EXISTING UTILITIES. CALL THE TENNESSEE ONE CALL SYSTEM, AT 1-800-351-1111.
  3. 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 UTILITY.
  4. THE LOCATIONS OF THE EXISTING UTILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD BY POT-HOLING AND BY CONTACTING THE UTILITY COMPANIES INVOLVED.
  5. 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.
  6. TRENCH DESIGN AND SAFETY FOR UNDERGROUND CONSTRUCTION IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL CONFORM WITH ALL APPLICABLE LOCAL, STATE, AND OSHA REGULATIONS.
  7. COMMUNICATIONS AND ELECTRICAL CONDUIT INSTALLATIONS MUST BE INSPECTED BY RESPECTIVE OWNER REPRESENTATIVE AT LEAST THREE (3) WORKING DAYS PRIOR TO CONSTRUCTION.
  8. CONDUIT SHALL BE INSTALLED AFTER GRADING IS COMPLETED AND APPROVED BEFORE ANY PAVEMENT IS INSTALLED.
  9. INSTALL UTILITY LINES ACROSS PROPOSED PAVED AREAS PRIOR TO PAVING.
  10. UNLESS OTHERWISE NOTED, UNDERGROUND CONDUIT SHALL BE SCH. 40 PVC AND EXPOSED CONDUIT SHALL BE SCH. 60 PVC.
  11. ADJUSTMENTS TO THE LOCATIONS OF CONDUIT & DUCT BANKS SHALL BE MADE TO AVOID UTILITIES OR OTHER OBSTACLES. FINAL LOCATION SHALL COMPLY WITH NATIONAL, STATE, AND LOCAL CODES AND SHALL BE APPROVED BY UTILITY OWNER PRIOR TO INSTALLATION.
  12. LOCATE HANDHOLES, TRANSFORMERS, DUCTS, ETC. OUTSIDE OF SIDEWALKS AND OTHER PAVED AREAS UNLESS OTHERWISE NOTED.
  13. REFERENCE SHEET C8 FOR UTILITY NOTES AND OWNER INFORMATION.

- SPECIAL NOTES:**
1. THE PROPOSED ELECTRIC UTILITY INSTALLATION IS AN INTERPRETATION OF KNOXVILLE UTILITIES BOARD (KUB) DWG-B-17409 DATED DECEMBER 19, 2018 AND IS SHOWN FOR GENERAL LOCATION INFORMATION ONLY. KUB DWG-B-17409 SHALL TAKE PRECEDENCE IF A CONFLICT EXISTS BETWEEN THE CONDUIT PLAN AND KUB DESIGN PLANS.
  2. THE CONTRACTOR SHALL STAKE THE PROPOSED CONDUIT INSTALLATIONS AND OBTAIN APPROVAL FROM THE UTILITY OWNER(S) PRIOR TO CONSTRUCTION.

**LEGEND:**

CATV	PROPOSED CABLE TELEVISION ENCLOSURE
UGT	PROPOSED TELEPHONE ENCLOSURE
▲	PROPOSED COMMUNICATIONS RISER POLE
— UGC —	PROPOSED UNDERGROUND COMMUNICATIONS CONDUIT
□	PROPOSED UNDERGROUND HANDHOLE/VAULT
□-□	PROPOSED STREETLIGHT POLE
●	PROPOSED ELECTRIC RISER POLE
— UGE —	PROPOSED UNDERGROUND ELECTRIC CONDUIT (NO ENCASEMENT)
▨	PROPOSED ELECTRIC CONCRETE ENCASED DUCT BANK
— SL —	PROPOSED LIGHTING CONDUIT
— W —	PROPOSED WATER LINE
⊕	PROPOSED WATER VALVE
— SS —	PROPOSED SANITARY SEWER
●	PROPOSED SANITARY SEWER MANHOLE
— SD —	PROPOSED STORM DRAIN
— SO —	EXISTING STORM DRAIN
— W —	EXISTING WATER LINE
— SS —	EXISTING SANITARY SEWER
— G —	EXISTING GAS LINE
○	EXISTING UTILITY POLE
— OH —	EXISTING OVERHEAD UTILITIES
— — —	PROPERTY LINE
100' (1) 2"	100 LINEAR FEET OF SINGLE 2" CONDUIT
CONC.	CONCRETE
ENC.	ENCASED
TYP.	TYPICAL
(21/C9)	DETAIL REF. (DETAIL NO./SHT NO.)

