

UTILITY LINECODES

Table with columns: EXISTING, TO BE REMOVED, PROPOSED, TYPE OF UTILITY. Rows include O, V, E, R, H, A, D for various utility types like ELECTRIC, TELECOMMUNICATIONS, CABLE TV, GUY WIRE, etc.

Table with columns: EXISTING, TO BE REMOVED, PROPOSED, TYPE OF UTILITY. Rows include U, N, D, E, R, G, R, O, U, N, D for various utility types like WATER, NON-POTABLE WATER, STEAM, GAS, PETROLEUM, etc.

UTILITY SYMBOLS

Table with columns: EXISTING, PROPOSED, TEMPORARY. Rows include symbols for UTILITY POLE/GUY POLE, LIGHT POLE, GUY ANCHOR, MARKER, SPLICE BOX, CABINET, VENT, ELECTRIC MANHOLE, HAND HOLE, TRANSFORMER, ELECTRIC METER, ELECTRIC BOX, TELECOMMUNICATIONS MANHOLE, TELECOMMUNICATIONS PEDESTAL, SUBSCRIBER LOOP CARRIER, PHONE BOOTH, CABLE TV PEDESTAL, CABLE TV MANHOLE, WATER VALVE, WATER METER, WATER MANHOLE, FIRE HYDRANT ASSEMBLY, BACKFLOW PREVENTER, PRESSURE INDICATOR VALVE, AIR RELEASE VALVE, WELL, WATER VAULT, WATER VALVE MARKER, STAND PIPE, CLEANOUT, SANITARY SEWER MANHOLE, AIR RELEASE VALVE, GREASE TRAP, SANITARY SEWER FORCE MAIN VALVE, GAS VALVE, GAS METER, GAS MANHOLE, GAS PRESSURE REGULATOR, GAS VAULT, GAS TEST STATION, PETROLEUM VALVE.

GENERAL NOTES:
1. ALL WORK AND MATERIALS SHALL CONFORM TO CITY OF CLEVELAND AND GA DOT SPECIFICATIONS.
2. ALL WATER PIPE TO BE PVC C-900; DR 14 UNLESS OTHERWISE NOTED ON THE DRAWINGS.
3. ALL WATER VALVES TO BE GATE VALVES UNLESS OTHERWISE NOTED ON THE DRAWINGS.
4. ALL ABANDONED WATER AND SEWER LINES SHALL BE PLUGGED AS SHOWN ON THE DRAWING. THE COST FOR CUT AND PLUG SHALL BE INCLUDED IN BID PRICE FOR LINEAR FEET OF THE NEW PIPES. ALL ABANDONED LINES WITHIN ROAD RIGHT-OF-WAY SHALL BE FILLED WITH FLOWABLE FILL OR REMOVED.
5. WATER AND SEWER LINES SHALL BE TESTED PER GA DOT SPECIFICATIONS. THE COST OF TESTING SHALL BE INCLUDED IN BASE BID PRICE FOR THE INSTALLATION OF NEW LINES.
6. CONTRACTOR TO COORDINATE ALL REQUIRED TESTING AND INSPECTIONS WITH CITY OF CLEVELAND INSPECTOR.
7. CONCRETE BLOCKING SHALL BE PLACED AT ALL BENDS, TEES, FITTINGS AND PLUGS. THE COST OF RESTRAINS SHALL BE INCLUDED IN THE BID PRICE FOR PIPE INSTALLATION. THE COST OF THE CLASS (A OR B) CONCRETE REQUIRED FOR BLOCKING, ARCHES AND CRADLES IS TO BE INCLUDED IN THE OVERALL PRICE FOR WATER RELOCATIONS.
8. ALL DOUBLE STRAP SADDLES SHALL BE INCLUDED IN THE BID PRICE FOR PIPE INSTALLATION.
9. ALL MANHOLE TOPS NOT WITHIN THE BACK FIVE FEET OF THE RIGHT-OF-WAY SHALL BE FLUSH WITH FINAL GRADE.
10. ALL PIPES SHALL BE INSPECTED BY CITY'S INSPECTOR PRIOR TO BACKFILLING.
11. CONTRACTOR SHALL NOTIFY CITY INSPECTOR 48 HOURS IN ADVANCE OF ANY REQUIRED INSPECTION, TESTING OR DISINFECTION.
12. CONTRACTOR TO ENSURE CONTINUOUS SERVICE TO ALL CITY'S CUSTOMERS AT ALL TIMES, UNLESS SPECIFICALLY PERMITTED BY THE CITY. ALL CONNECTIONS AND ABANDONMENT OF CITY LINES SHALL BE COORDINATED WITH THE CITY INSPECTOR. ANY INTERRUPTIONS OF THE SERVICE SHALL BE COORDINATED IN ADVANCE WITH THE CITY INSPECTOR. CONTRACTOR IS REQUIRED TO NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES AT LEAST 72 HOURS IN ADVANCE OF ANY SERVICE INTERRUPTION.
13. ALL FACILITIES TO BE ABANDONED WITHIN THE RIGHT-OF-WAY WITH AN INSIDE DIAMETER LARGER THAN SIX INCHES SHALL BE GROUT FILLED 100% AND PLUGGED. GROUT FILLING THE WATER LINES SHOULD BE INCLUDED IN THE PRICE OF THE WATER AND SEWER RELOCATIONS.
14. THE COST FOR GROUT FILLING THE WATER LINES TO BE ABANDONED IN PLACE IS TO BE INCLUDED IN THE OVERALL PRICE OF THE WATERLINE RELOCATIONS.
15. TEMPORARY SERVICE LINES WILL NOT BE PAID FOR SEPARATELY. COST SHALL BE INCLUDED IN THE BID PRICE FOR WATER MAIN.
16. FORCE MAIN LINE SHALL BE KEPT IN SERVICE UNTIL GRAVITY SEWER IS FULLY OPERATIONAL.
17. ALL EXISTING SERVICE CONNECTION SHALL BE RECONNECTED TO THE PROPOSED LINE. EXACT CONNECTION LOCATIONS SHALL BE COORDINATED WITH THE CITY. THE COST FOR RECONNECTION OF EXISTING SERVICE LINES SHALL BE INCLUDED IN THE BID PRICE FOR WATER SERVICE LINES.
18. STAGED SANITARY SEWER MANHOLE CONSTRUCTION SHALL BE INCLUDED IN THE OVERALL PRICE BID FOR MANHOLES.



Know what's below.
Call before you dig.

RINDT-McDUFF ASSOCIATES, INC.
DESIGN ENGINEER: ZACH HANDACH, PE
Professional Engineer Seal: ZACH HANDACH, No. 832287, State of Georgia

RMA
Rindt-McDuff Associates, Inc.
445 Bradford Street, Gainesville GA 30501
Phone No. (770) 531-5109
Fax No. (770) 531-5112

GDOT DISTRICT 1

REVISION DATES table with columns for date and description.

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: DISTRICT ONE DESIGN
CITY OF CLEVELAND WATER AND
SANITARY SEWER RELOCATION PLANS
CLEVELAND BYPASS - PHASE II
WHITE COUNTY
DRAWING No. 44-03

USE ON CONSTRUCTION