

NOTES

1. THE PROPOSED DRAINAGE DROP INLETS SHALL BE A MAXIMUM DEPTH INVERT OF 0.686M. THE CONTRACTOR SHALL WRAP EXISTING 200mm AND 400mm FORCE SEWER PIPE RIGHT OF LINE -L- WITH CLASS B CONCRETE WHICH HAVE A MINIMUM CLEARANCE WITH THE PROPOSED DRAINAGE (SEE DETAILS). IN CASES WHERE THERE ARE DIRECT CONFLICTS WITH THE PROPOSED DRAINAGE, THE CONTRACTOR SHALL LOWER OR RELOCATE THE EXISTING 200mm AND 400mm FORCE SEWER (SEE DETAILS). THE NECESSARY QUANTITIES HAVE BEEN ADDED TO THE CONTRACT TO FACILITATE THESE PROCEDURES.

RELOCATE EXIST. FIRE HYDRANT USING 1- 250mm x 150mm D.J. TEE AND 2.5M OF 150mm D.J. WATER PIPE, 2.4MPa WP, 1- GATE VALVE AND VALVE BOX 1.38MPa WP

PROP. 360M OF 250mm PVC WATER PIPE, SDR 21, 1.38MPa WP

RELOCATE 2- EXIST. WATER METERS USING 2- 250mm x 20mm TAPPING SADDLES 2- 20mm CORPORATION STOPS WITH 3M OF 20mm P.E. WATER TUBING, SDR 9, 1.38MPa WP

PROP. 1- 150mm GATE VALVE AND VALVE BOX, 1.38MPa WP

PROP. 1- 250mm GATE VALVE AND VALVE BOX, 1.38MPa WP

TIE TO EXIST. WATER PIPE USING 1- 250mm x 150mm D.J. TEE AND NECESSARY FITTINGS

TIE TO EXIST. SEWER PIPE USING 1- 200mm x 50mm D.J. TEE 5M OF 50mm PVC SEWER PIPE SDR 21, 1.38MPa WP AND NECESSARY FITTINGS

RELOCATE 2- EXIST. WATER METERS USING 2- 250mm x 20mm TAPPING SADDLES 2- 20mm CORPORATION STOPS WITH 3M OF 20mm P.E. WATER TUBING, SDR 9, 1.38MPa WP

PROP. 1- 200mm 22 1/2" D.J. BEND

PROP. 1- 200mm 11 1/4" D.J. BEND

PROP. 1- 200mm 11 1/4" D.J. BEND

PROP. 1- 50mm SEWER AIR RELEASE VALVE AND MANHOLE

PROP. 247M OF 200mm PVC FORCE SEWER PIPE, SDR 21, 1.38MPa WP

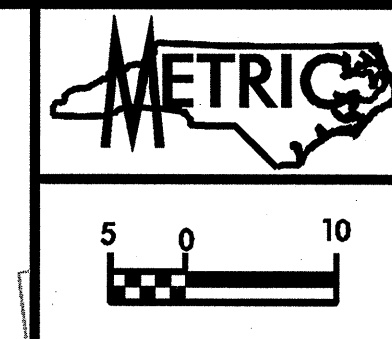
SEE NOTE FOR ALL PROP. DRAINAGE CROSSINGS

RECONNECT 2- EXIST. WATER METERS USING 2- 250mm x 20mm TAPPING SADDLES 2- 20mm CORPORATION STOPS WITH 53M OF 20mm P.E. WATER TUBING, SDR 9, 1.38MPa WP

RECONNECT 4- EXIST. WATER METERS USING 4- 250mm x 20mm TAPPING SADDLES 4- 20mm CORPORATION STOPS WITH 61M OF 20mm P.E. WATER TUBING, SDR 9, 1.38MPa WP

TIE TO EXIST. SEWER PIPE USING 2- 200mm 90" D.J. BEND AND NECESSARY FITTINGS

-Y21-
PI Sta 10+26.012
Δ = 5' 42" 07.6" (LT)
L = 33.837
T = 16.933
R = 340.000



5 0 10
CONST. REV.
R/W REV.

PROJECT REFERENCE NO. **R-2539C** SHEET NO. **UC-23**
R/W SHEET NO.

Municipal Engineering Services Company, P.A.
P.O. BOX 341 BOONE, N.C. 28601
P.O. BOX 276 WOODHEAD CITY, N.C. 28681

Professional Engineer Seal
10/25/2007

MATCHLINE -L- STA 228 + 60.000 SEE SHEET UC-22

MATCHLINE -L- STA. 232 + 20.000 SEE SHEET UC-24

DATE: 10/25/07

SCALE: AS SHOWN