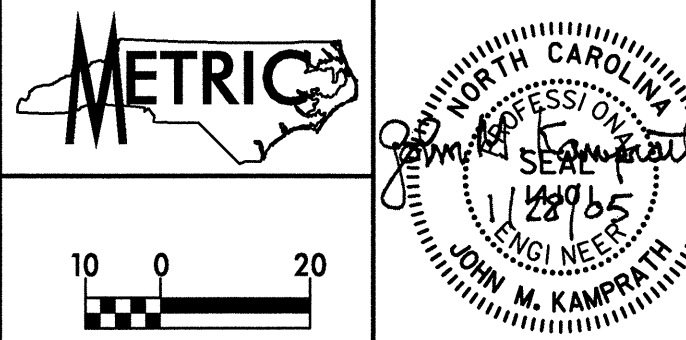


ALL WATER AND SEWER LINES OWNED BY JOHNSTON COUNTY

PROJECT REFERENCE NO. R-2552C SHEET NO. UC-11



UTILITY CONSTRUCTION

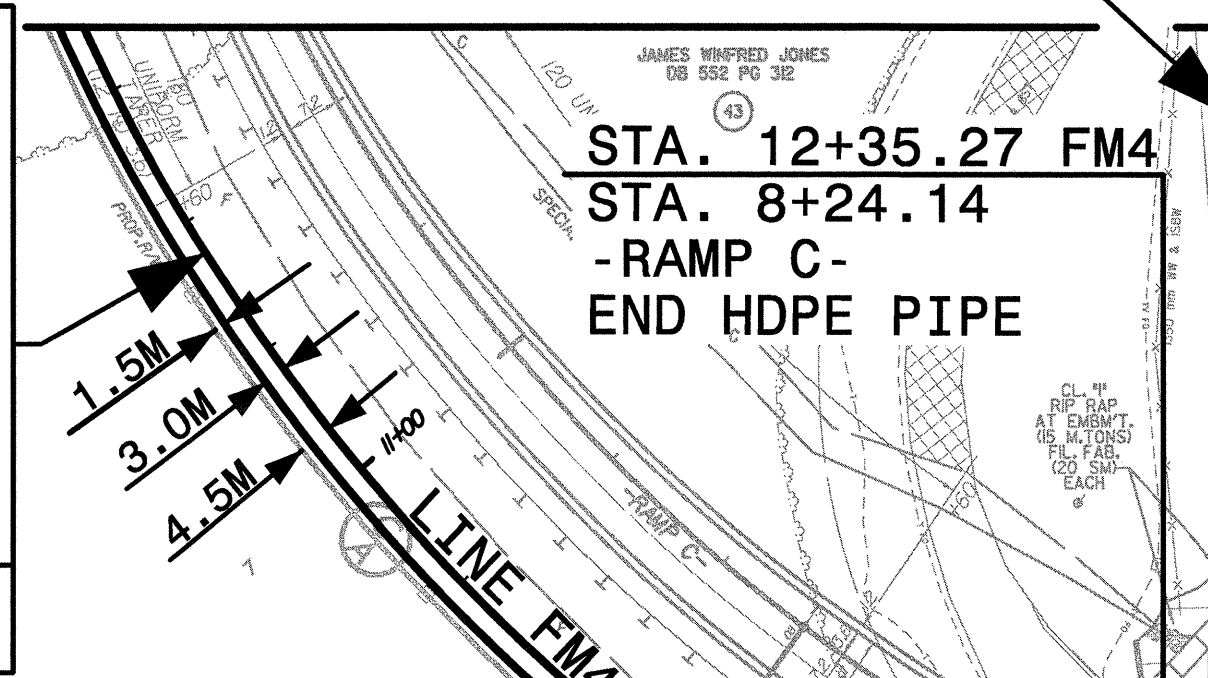
PROP. 160M - FILL OR REMOVE ABANDONED 300MM PIPE, PVC FORCE MAIN

PROP. 250M - FILL OR REMOVE ABANDONED 400MM PIPE, DI WATER

MATCHLINE -Y4- 25+80 SEE SHEET UC-10

PROP. 175M OF 400MM PVC FORCE MAIN SEWER PIPE, SDR 21, 1.38 MPA WP
1M OF 300MM PVC FORCE MAIN SEWER PIPE, SDR 21, 1.38 MPA WP
1 - 400MM X 300MM DI REDUCER
1 - 300MM 45° DI BEND
CONNECT USING NECESSARY FITTINGS

SEE PROFILE FM4 SHEET UC-24



PROP. 1 - BREAK DOWN, PLUG & FILL ABANDONED UTILITY MANHOLE

PROP. 251M OF 500MM DI WATER PIPE, PC 1.72 MPA
1 - 500MM BUTTERFLY VALVE & VALVE BOX
1 - 500MM X 200MM DI TEE
3 - 500MM 22 1/2° DI BENDS
1 - 500MM X 400MM DI REDUCER
1M OF 400MM DI WATER PIPE, PC 1.72 MPA
1 - 400MM 22 1/2° DI BEND
CONNECT USING NECESSARY FITTINGS

SEE PROFILE W2 SHEET UC-20

PROP. 214M OF 200MM PVC WATER PIPE, SDR 21, 1.38 MPA WP
2 - 200MM 22 1/2° DI BENDS
1 - 200MM 45° DI BEND
CONNECT USING NECESSARY FITTINGS

PROP. 63M OF 500MM HDPE FORCE MAIN SEWER PIPE, DR 9, 1.38 MPA WP
BY TRENCHLESS METHOD
CONNECT USING NECESSARY FITTINGS

SEE PROFILE FM4 SHEET UC-24

PROP. 63M OF 250MM HDPE WATER PIPE, DR 9, 1.38 MPA WP
BY TRENCHLESS METHOD
CONNECT USING NECESSARY FITTINGS

SEE PROFILE WL9 ON SHEET UC-22

PROP. 1 - RELOCATE EXISTING FIRE HYDRANT
5M OF 150MM DI WATER PIPE, PC 2.41 MPA
1 - 200MM X 150MM DI TEE
1 - 150MM GATE VALVE & VALVE BOX, 1.38MPA WP
CONNECT USING NECESSARY FITTINGS

PROP. INV. = 77.58
22.16M RT. OF -Y4-
STA. 27+83.93

PROP. INV. = 77.65
15.68M LT. OF -Y4-
STA. 27+83.93

PROP. 1 - RELOCATE EXISTING FIRE HYDRANT
3M OF 150MM DI WATER PIPE, PC 2.41 MPA
CONNECT USING NECESSARY FITTINGS

PROP. 58M OF 200MM DI WATER PIPE, PC 2.41 MPA
38M OF 400MM STEEL ENCASEMENT PIPE, 6.35MM THICK, BY TRENCHLESS METHOD
1 - 200MM GATE VALVE & VALVE BOX, 1.38 MPA WP
CONNECT USING NECESSARY FITTINGS

MATCHLINE -Y4- 29+60
SEE SHEET UC-12

MATCHLINE -L2- 154+50

617887 (N:\2552c\UC-11.dwg) 03/28/2005