8/17/99

PROJECT REFERENCE NO.	SHEET NO.
U-4010	UC-3

DESIGNED BY:	MDS
DRAWN BY:	MDS
CHECKED BY:	CDB
APPROVED BY:	CDB
REVISED:	

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DESIGN SERVICES UNIT
PHONE:(919)250-4128
FAX:(919)250-4119

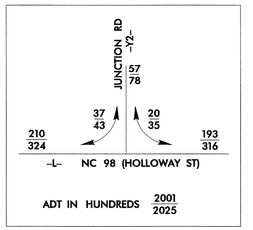
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 23041 COREY D. BOUSQUET 04/06/04

UTILITY CONSTRUCTION PLANS ONLY

UTILITY CONSTRUCTION

-L-
PI Sta 23+57.40
Δ = 0° 33' 10.4" (LT)
D = 0° 22' 55.1"
L = 144.75'
T = 72.37'
R = 15,000.00'
SE = 0.02

-Y2-
PI Sta 11+84.71
Δ = 10° 23' 11.3" (RT)
D = 6° 59' 14.2"
L = 148.65'
T = 74.53'
R = 820.00'
SE = 0.05



NAD 83

ALL WATER AND SEWER LINES ARE BY THE CITY OF DURHAM

PROP. 4-12"-22 1/2° DI RJ BENDS
24.0 LF OF 12" DI RJ WATER PIPE, CLASS 50, 350# WP
1-12^ DI RJ SLEEVE
2 THRUST COLLARS
CONNECT PROP. WATER LINE USING NECESSARY FITTINGS
SEE SHEET UC-4 FOR DETAIL

RELOCATE - 1 - EXIST. 3/4" WATER METER USING 12.0 LF OF 3/4" COPPER WATER PIPE, TYPE K

RELOCATE - 1 - EXIST. 3/4" WATER METER USING 8.0 LF OF 3/4" COPPER WATER PIPE, TYPE K

RELOCATE - 2 - EXIST. 3/4" WATER METER USING 16.0 LF OF 3/4" COPPER WATER PIPE, TYPE K

PROP. 4-12"-22 1/2° DI RJ BENDS
24.0 LF OF 12" DI RJ WATER PIPE, CLASS 50, 350# WP
1-12" DI RJ SLEEVE
2 THRUST COLLARS
CONNECT PROP. WATER LINE USING NECESSARY FITTINGS
SEE SHEET UC-4 FOR DETAIL

PROP. - 1 - 12" x 6" DI TEE
1 - 6" GATE VALVE AND VALVE BOX, 200# WP
28 LF OF 6" DI WATER PIPE, PC 350
RELOCATE - 1 - EXIST. FIRE HYDRANT

PROP. - 1 - 6" DI PLUG

INSTALL NEW WATER METER BOX (SUPPLIED BY THE CITY OF DURHAM)

RELOCATE - 1 - EXIST. 1" WATER METER USING 10.0 LF OF 1" COPPER WATER PIPE, TYPE K

RELOCATE - 2 - EXIST. 3/4" WATER METER USING 10.0 LF OF 3/4" COPPER WATER PIPE, TYPE K

RELOCATE - 1 - EXIST. 3/4" WATER METER USING 23.0 LF OF 3/4" COPPER WATER PIPE, TYPE K

-L- POT 29+70.00
END PROJECT U-4010

RELOCATE - 1 - EXIST. 3/4" WATER METER USING 17.0LF OF 3/4" COPPER WATER PIPE, TYPE K

RELOCATE - 1 - EXIST. 3/4" WATER METER USING 14.0 LF OF 3/4" COPPER WATER PIPE, TYPE K

RELOCATE - 1 - EXIST. 3/4" WATER METER USING 9.5 LF OF 3/4" COPPER WATER PIPE, TYPE K

INSTALL NEW WATER METER BOX (SUPPLIED BY THE CITY OF DURHAM)

-BL-102 30+32.02 POT
-L- 34+47.22 (25.44' LT)

-L- POT 35+08.67

MATCHLINE SHEET UC-2
-L- STA 22+50.000

-BL-300 19+38.59 PINC
-L- 23+80.44 (0.6' RT)

-L- PC 22+85.03

-BL-101 19+82.73 PINC
-BY3-101 10+58.58 POT
(NCGS MON. 'KAY')
-L- 24+00.06 (40.26' RT)

-L- PT 24+29.78

TBM 3305 (U-007)
ELEV. 415.14'
36' RT BL STA. 18+44
PAINTED BOLT ON SHOPPING CENTER SIGN

PROPOSED TRAFFIC SIGNAL

PAINT STRIPING

MONOLITHIC CONCRETE ISLAND

SEE SHEET 6 FOR -L- PROFILE
SEE SHEET 7 FOR -Y2- PROFILE

06-APR-2004 08:22
C:\Projects\U4010_RPD\U4010_utUC_03.psh
msmith