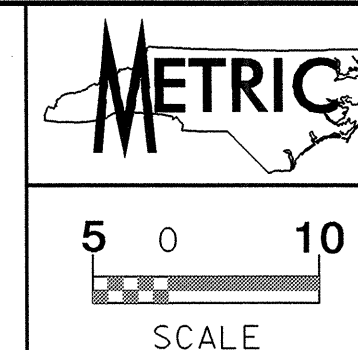


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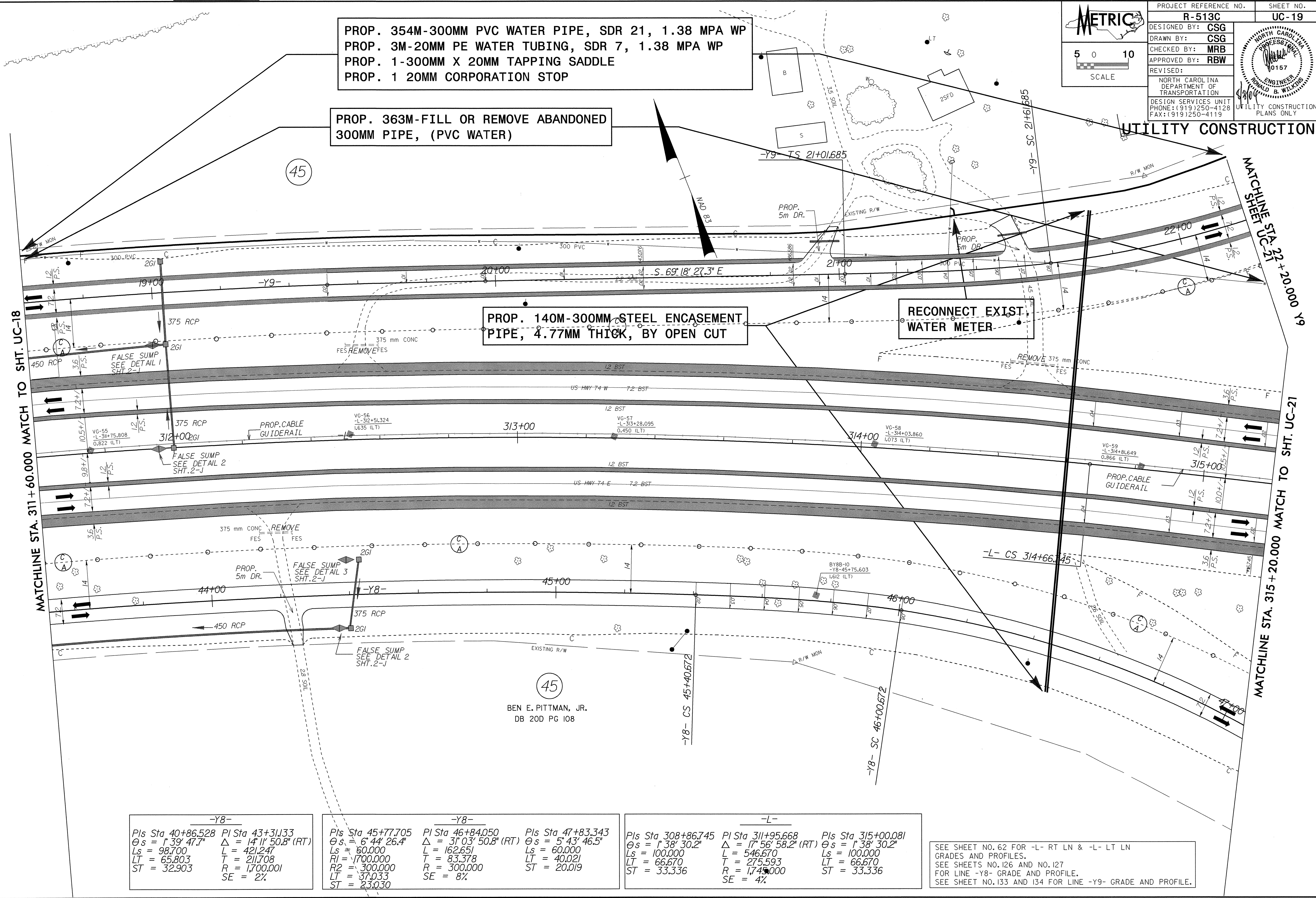
PROJECT REFERENCE NO.	SHEET NO.
R-513C	UC-19
DESIGNED BY: CSG	
DRAWN BY: CSG	
CHECKED BY: MRB	
APPROVED BY: RBW	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
DESIGN SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119	
UTILITY CONSTRUCTION PLANS ONLY	

PROP. 354M-300MM PVC WATER PIPE, SDR 21, 1.38 MPA WP
PROP. 3M-20MM PE WATER TUBING, SDR 7, 1.38 MPA WP
PROP. 1-300MM X 20MM TAPPING SADDLE
PROP. 1 20MM CORPORATION STOP

PROP. 363M-FILL OR REMOVE ABANDONED 300MM PIPE, (PVC WATER)

PROP. 140M-300MM STEEL ENCASEMENT PIPE, 4.77MM THICK, BY OPEN CUT

RECONNECT EXIST. WATER METER



45
BEN E. PITTMAN, JR.
DB 20D PG 108

-Y8-
Pls Sta 40+86.528 PI Sta 43+31.133
$\Theta s = 1^{\circ} 39' 47.7''$ $\Delta = 14^{\circ} 11' 50.8''$ (RT)
$Ls = 98.700$ $L = 421.247$
$LT = 65.803$ $T = 211.708$
$ST = 32.903$ $R = 1,700.001$
$SE = 2\%$

-Y8-
Pls Sta 45+77.705 PI Sta 46+84.050
$\Theta s = 6^{\circ} 44' 26.4''$ $\Delta = 31^{\circ} 03' 50.8''$ (RT)
$Ls = 60.000$ $L = 162.651$
$R1 = 1,700.000$ $T = 83.378$
$R2 = 300.000$ $R = 300.000$
$LT = 37.033$ $SE = 8\%$
$ST = 23.030$

-Y8-
Pls Sta 47+83.343
$\Theta s = 5^{\circ} 43' 46.5''$
$Ls = 60.000$
$LT = 40.021$
$ST = 20.019$

-L-
Pls Sta 308+86.745 PI Sta 311+95.668
$\Theta s = 1^{\circ} 38' 30.2''$ $\Delta = 17^{\circ} 56' 58.2''$ (RT)
$Ls = 100.000$ $L = 546.670$
$LT = 66.670$ $T = 275.593$
$ST = 33.336$ $R = 1,745.000$
$SE = 4\%$

-L-
Pls Sta 315+00.081
$\Theta s = 1^{\circ} 38' 30.2''$
$Ls = 100.000$
$LT = 66.670$
$ST = 33.336$

SEE SHEET NO. 62 FOR -L- RT LN & -L- LT LN GRADES AND PROFILES.
SEE SHEETS NO. 126 AND NO. 127 FOR LINE -Y8- GRADE AND PROFILE.
SEE SHEET NO. 133 AND 134 FOR LINE -Y9- GRADE AND PROFILE.

01-AUG-2004 08:33
R:\01-AUG-2004 08:33\PROJECT\UC19R513C22.FSH
s:\p\01-AUG-2004 08:33\PROJECT\UC19R513C22.FSH