042597

PROP. 101.6M 200MM PVC WATER PIPE,
SDR 21, 1.38 MPA WP
PROP. 6.1M OF 200MM DI WATER PIPE,
PC 2.41 MPA WP
4-200MM 22 1/2° DI BEND
MAKE CONNECTION USING THE NECESSARY FITTINGS

PROP. 8M OF 20MM PE WATER TUBING,
SDR 9, 1.38 MPA WP
1-20MM CORPORATION STOP
1-200MM X 20MM TAPPING SADDLE
MAKE CONNECTION USING THE NECESSARY FITTINGS

PROP. 13.9M OF 20MM PE WATER TUBING,
SDR9, 1.38 MPA WP
3-20MM CORPORATION STOP
3-200MM X 20MM TAPPING SADDLE
MAKE CONNECTION USING THE NECESSARY FITTINGS

METRIC

0
SCALE

PROJECT REFERENCE NO.	SHEET NO.
R-2514A	UC-2
DESIGNED BY: ARK	
DRAWN BY: ARK	
CHECKED BY: GYS	
APPROVED BY: GYS	
REVISED:	

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

NORTH CAROLINA PROFESSIONAL SEAL 023948 ENGINEER GREG Y. STEVENS 11-4-05

UTILITY CONSTRUCTION PLANS ONLY

UTILITY CONSTRUCTION

BONNIE MCDANIEL
DB 537, PG 656

FERDINARD DAMIANO
DB 718, PG 317

DONALD MORTON
DB 754, PG 591

BOBBY MORTON
DB. 638 PG. 174
DB. 384 PG. 260
DB. 1221 PG. 147

WOODROW HUMPHREY
DB 426, PG 154
DB 367, PG 76
DB 439, PG 502

BENJAMIN GIBSON
DB 769, PG 871
DB 426, PG 147
DB 533, PG 662

PEGGY GIBSON
DB 1097, PG 811

MATCHLINE STA. 102+00 SEE SHEET UC-1

MATCHLINE 105+20 SEE SHEET UC-3

ABANDON

PLUG

REMOVE AND REPLACE WITH 450mm RCP

INSTALL TEE WITH 300mm OPEN END FOR FUTURE CONSTRUCTION

SPECIAL CUT DITCH SEE DETAIL 'A' ON SHEET 2D

CLASS 'B' RIPRAP EST. 45 TONS
FILTER FABRIC EST. 11.7 SM

300mm TEMPORARY CROSS PIPE GROUT FULL WITH FLOWABLE FILL AS CONSTRUCTION PHASING ALLOWS

-L MED-

PIs Sta 103+81.713	PI Sta 104+45.539	PIs Sta 105+09.359
Θs = 1° 21' 10.1"	Δ = 2° 15' 33.7" (LT)	Θs = 1° 21' 10.1"
Ls = 85.000	L = 70.980	Ls = 85.000
LT = 56.668	T = 35.495	LT = 56.668
ST = 28.335	R = 1,800.000	ST = 28.335
	SE = 0.03	

DET-1
PI Sta 0+41.190
Δ = 3° 08' 45.3" (RT)
L = 82.360
T = 41.190
R = 1,500.000
SE = 0.02

SEE SHEET NO. 2D FOR ALL DITCH DETAILS.

SEE SHEET NO. 2D FOR ALL DRIVEWAY DETAILS.

SEE SHEET NO. 35 FOR NBL & SBL GRADES AND PROFILES AND ALL DITCH GRADES AND PROFILES.

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