PROJECT REFERENCE NO.	SHEET NO.
U-3837	UC-2
DESIGNED BY: DMP	
DRAWN BY: DMP	
CHECKED BY: DMP	
APPROVED BY:	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
PROJECT SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119	UTILITY CONSTRUCTION PLANS ONLY

NORTH CAROLINA PROFESSIONAL SEAL 26457 ENGINEER ANDREW P. LAMBRICK 12-3-04

25 0 50

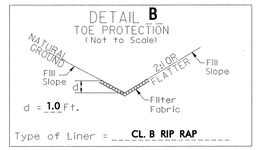
UTILITY CONSTRUCTION

BEGIN STATE PROJECT U-3837
-L- STA. 10+00.00

NAD 83

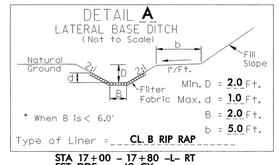
-L-	-Y-
PI Sta 14+27.89	PI Sta 11+16.27
△ = 20° 03' 34.6" (RT)	△ = 36° 05' 57.1" (RT)
D = 4° 22' 25.4"	D = 16° 03' 29.6"
L = 458.64'	L = 224.80'
T = 231.69'	T = 116.27'
R = 1,310.00'	R = 356.80'
SE = 0.04 '/'	SE = SEE PLANS
RUNOFF = SEE PLANS FOR SUPERELEV. INCREMENTS	RUNOFF = SEE PLANS FOR SUPERELEV. INCREMENTS

DETAIL B
TOE PROTECTION
(Not to Scale)



d = 1.0 Ft.
Type of Liner = CL. B RIP RAP
STA 17+20 - 19+90 -L- LT
STA 18+00 - 19+50 -L- RT

DETAIL A
LATERAL BASE DITCH
(Not to Scale)



Min. D = 2.0 Ft.
Max. d = 1.0 Ft.
B = 2.0 Ft.
b = 5.0 Ft.
* When B is < 6.0'
Type of Liner = CL. B RIP RAP
STA 17+00 - 17+80 -L- RT
EST. DDE = 49 CY

PROP. - 1 - RELOCATE EX. WATER METER
20 LF OF 3/4 INCH COPPER WATER PIPE, TYPE K
CONNECT USING NECESSARY FITTINGS

PROP. - 1 - RELOCATE EX. FIRE HYDRANT
28 LF OF 6 INCH DI WATER PIPE, PC 350
1 - 6 INCH DI 45° BEND
CONNECT USING NECESSARY FITTINGS

CLIFTON O. SPAINHOUR
DB 1361 PG 795

MARSHALL E. & DEBORAH M. ROWELL
DB 1777 PG 3196

ETHEL S. NAIL
DB 1742 PG 3974

JDN REALTY CORPORATION
DB 2009 PG 1883

MORRIS G. & GLINDEL S. REAVES
DB 2782 PG 3038

AP WINSTON SALEM LIMITED PARTNERSHIP
DB 1910 PG 3451

-L- STA. 13+34.00 OS 39.10 LT.=
BL-10 POT 5+00.00 =
BY-10 POT 5+00.00

-L- PC STA. 11+96.20

-L- POT STA. 10+00.00

-L- PT STA. 16+54.84

-Y- PC STA. 10+00.00

-Y- PT STA. 12+24.80

-L- POC STA. 13+55.70

MATCHLINE -L- STA. 18+00.00 SEE SHEET UC-3

BM #100
ELEV. = 838.49

BY-20 POT 8+71.57

TIE TO EXIST. C&G AND BEGIN SIDEWALK -L- STA. 10+45.00 +/-

TIE TO EXIST. C&G AND END SIDEWALK -L- STA. 13+70.00 +/-

TIE TO EXIST. C&G AND BEGIN SIDEWALK -L- STA. 13+98.00 +/-

TIE TO EXISTING 4.0' CHLK FENCE -L- STA. 15+55 LT.

DO NOT DISTURB SIGN

@ EXIST. R/W 77.00'

TIE TO EXISTING 4.0' CHLK FENCE -L- STA. 17+54 LT

@ EXIST. R/W 76.22'

338' MEDIAN TRANSITION

36' INC. TYP.

100' TAPER OS IN=830.71
OS IN=820.86

8' SIDEWALK

RETAIN CB

NO 12" RCP LOCATED

REMOVE DI & 18" & FES

4' MONO. CONC. ISLAND -L- STA. 10+70

REM GAURDRAIL

345' FULL LANE

5' SIDEWALK

2.5' C&G

CAT 1

REMOVE 65' OF EX. 15" RCP & CB

REMOVE CB & 8' OF 18"

CB 2.5' C&G

5' SIDEWALK

CAT-1

RETAIN EXISTING R/W VARIES

GRAU-350 COLLAR & EXTEND

+50.00 -L- 73.00'

+00.00 -L- @ EXIST. R/W

+50.00 -L- 80.00'

+77.00 -L- @ EXIST. R/W

+00.00 -L- 80.00'

+00.00 -L- 80.00'

+79.00 -Y- 66.87'

+13.00 -Y- @ EXIST. R/W

DO NOT DISTURB DUMPSTER LOCATIONS AND CURBED PARKING AREA

TIE TO EXIST. C&G AND END SIDEWALK -Y- STA. 10+91.00 +/-

TIE TO EXIST. C&G AND AND SIDEWALK -L- STA 10+09.00 +/-

RETAIN SYSTEM

DO NOT DISTURB SIGN

+00.00 +00.00 75.00' 75.00'

+40.92 +48.00 -L- 77.97' @ EXIST. R/W

TIE TO EXIST. C&G AND BEGIN SIDEWALK -Y- STA. 10+91.00 +/-

+11.00 -Y- @ EXIST. R/W

END PAVING AND TIE PROP. 4' MONO. CONC. ISLAND -Y- STA. 11+05.00

END CONSTRUCTION -Y- STA. 11+13.00

REPLACE EXISTING WOVEN WIRE FENCE

+95.00 -L- @ EXIST.R/W 85.00' 86.00'

+90.00 -L- @ EXIST. R/W 96.00'

SEE DETAIL A
2' LATERAL BASE DITCH
W/CL. B RIP RAP
EST. 36 TONS
EST. 102 SY FABRIC

PROP. 4.0' WWF

GRAU-350

TOP=834.92
INV=824.34

TOP=800.90
INV=792.90

TOP=802.60
INV=792.40

TOP=807.38

UTILITY CONSTRUCTION PLANS DESIGNED BY:
DAVIS-MARTIN-POWELL & ASSOC., INC.
ENGINEERING-LAND PLANNING-SURVEYING
HIGH POINT, NORTH CAROLINA