8/17/99

PROJECT REFERENCE NO.	SHEET NO.
R-3427	U0-18

UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS

MATCHLINE SEE SHEET UO-17

MATCHLINE SEE SHEET UO-19

SEE PLAN SHEET NO. 24 FOR DETOUR -DETA-

DETAIL 2B
LATERAL 'V' DITCH
(Not to Scale)
Min. D = 1.5 Ft.
b = 10 Ft.
STA. 236+92 TO 238+87 –L– LT.
STA. 18+78 TO 21+09 –DETA– LT.

DETAIL 6
STANDARD 'V' DITCH
(Not to Scale)
Min. D = 1.0 Ft.
STA. 234+00 –L– RT.
STA. 240+00 –L– RT.
STA. 234+49 TO 234+90 –L– RT. (RETENTION BASIN OUTLET)
STA. 236+95 TO 237+86 –L– RT. (RETENTION BASIN OUTLET)

DETAIL 12C
RIP RAP AT EMBANKMENT
(Not to Scale)
Est. 9 Tons
Type of Liner = CL. II RIP RAP
STA. 236+92 –L– LT.
@ PERM. LATERAL 'V' DITCH

DETAIL 7A
LATERAL BASE DITCH
(Not to Scale)
Min. D = 1.0 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
FROM STA. 239+50 TO 240+50 –L– LT

DETAIL 12B
RIP RAP AT EMBANKMENT
(Not to Scale)
Est. 7 Tons
Type of Liner = CL. 1 RIP RAP
STA. 236+62 –L– LT.
@ TEMP. LATERAL 'V' DITCH

DETAIL 20
SPECIAL CUT DITCH
(Not to Scale)
Min. D = 1.0 Ft.
STA. 229+50 TO 231+00 –L– LT.

DETAIL 3D
SPECIAL LATERAL 'V' DITCH
(Not to Scale)
Min. D = 1.5 Ft.
STA. 229+00 TO 232+50 –L– RT.

DETAIL FS
FALSE SUMP
(Not to Scale)
STA. 232+50 TO 233+60 –L– RT.

DETAIL 2A
LATERAL 'V' DITCH
(Not to Scale)
Min. D = 1.5 Ft.
b = 5.0 Ft.

105 TRUSTEES OF J. H. HAUSER BURIAL GROUNDS
DB 305 PG 443
DB 81 PG 552

106 MARTHA G. HAUSER DINKINS
DB 275 PG 492

107 LUCILLE H. MILLER
DB 275 PG 501

104 MARTHA G. HAUSER DINKINS
DB 275 PG 492

109 BARBARA H. FOX, CLARA H. MARTIN, CLYDE HOOTS, JR. AND NANCY H. WALLS
DB 239 PG 430

110 BOBBY GRAY HOOTS AND WIFE FRANCES S. HOOTS
DB 118 PG 643
DB 219 PG 46
DB 96 PG 429

108 TOWN OF YADKINVILLE
DB 282 PG 760
DB [illegible]
PB 7 PG 148

NAD 83

BEGIN BRIDGE -L- POT Sta. 235+72.53
END BRIDGE -L- POT Sta. 237+72.53
-DETA- POT Sta. 14+14.50
-DETA- POT Sta. 22+05.36
-L- STA 231+31.27 14.41' -DETA-
-L- STA 233+16.18 -170.03'
-L- STA 236+62.44 -178.11'
-L- STA 238+03.03 -170.64'
-L- STA 238+02.00 16.43'
-L- STA 233+39.07 157.05' -DETA-
-L- STA 234+21.76 157.05' -DETA-
-L- STA 233+39.07 157.05' -DETA-
-L- STA 234+21.76 157.05' -DETA-
-L- STA 231+31.27 14.41' -DETA-
-L- STA 233+16.18 -170.03'
-L- STA 236+62.44 -178.11'
-L- STA 238+03.03 -170.64'
-L- STA 238+02.00 16.43'
-L- STA 233+39.07 157.05' -DETA-
-L- STA 234+21.76 157.05' -DETA-

BEGIN SBG
STA. 230+74
–L– LT.

END SBG
STA. 241+09 –L– LT.

END SBG
STA. 239+09 –L– RT.

BEGIN SBG
STA. 232+48 –L– RT.

6' X 10' RIP RAP PAD
CL. I
EST. 6.6 TONS

SPECIAL CUT DITCH
GRASS LINED
SEE DETAIL 20

RIP RAP @ EMBANKMENT
CL. II
SEE DETAIL 12C

TEMPORARY RIP RAP @ EMBANKMENT
SEE DETAIL 12B

TEMPORARY LATERAL 'V' DITCH
SEE DETAIL 2B

LATERAL 'V' DITCH
GRASS LINED
SEE DETAIL 2B

2' BASE
LATERAL DITCH
CLASS 'B' RIP RAP
SEE DETAIL 7A

SPECIAL LATERAL 'V' DITCH
GRASS LINED
SEE DETAIL 3D

LATERAL 'V' DITCH
GRASS LINED
SEE DETAIL 2A

'V' DITCH
GRASS LINED
SEE DETAIL 6

'V' DITCH
GRASS LINED
SEE DETAIL '6'
(=> MIN. SLOPE)

RETAIN

REMOVE

ABANDON

PROP. 12" WATER LINE BY OTHERS

COORDINATE CONNECTION TO TOWN OF YADKINVILLE WATER MAIN WITH DOT CONTRACTOR

DUKE POWER LINE

HAZARDOUS SPILL RETENTION BASIN (1600 C.F. CONC. ENDWALL W/22"SLUICE GATE & 15" RCP

HAZARDOUS SPILL RETENTION BASIN (1450 C.F. CONC. ENDWALL W/22"SLUICE GATE & 15" RCP

PROPOSED 1 @ 60'; 1 @ 80'; 1 @ 60' 54" PPC GIRDER (NO DECK DRAINS)

2GI TOP=767.858 INV=765.108 D=2.75'
2GI TOP=768.452 INV=765.702 D=2.75'
2GI TOP=767.858 INV=765.00 D=2.858'
2GI TOP=768.452 INV=765.570 D=2.88'
2GI TOP=771.467 INV=768.717 D=2.75'
2GI TOP=771.467 INV=768.609 D=2.858'

INV=756.3
INV=754.5

GRAU 350

15" CSP
18" CONC
24" CSP
30" CONC
48" CONC
60" CONC
72" CHL
72" CSP
12" CONC

ISFD
ISFD LOG
BARN
SAND
CONC VAT
ISBRK PUMP HOUSE
SEDIMENT TANK
PUMP STATION
BRK SHED
STREET LAMP
20' GATE
GENERATOR
CONC WATER VAT
CONC STEPS
BST
FOR DET-A