PROJECT REFERENCE NO.	SHEET NO.
U-3615B	UC-7
DESIGNED BY: DMP	
DRAWN BY: DMP	
CHECKED BY: DMP	
APPROVED BY:	
REVISED:	

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

UTILITIES ENGINEERING SEC.
PHONE: (919) 707-6690
FAX: (919) 250-4151

NORTH CAROLINA PROFESSIONAL SEAL 26457 ENGINEER ANDREW P. LARRICK
Docusigned by: 10/6/2014

UTILITY CONSTRUCTION PLANS ONLY

UTILITY CONSTRUCTION

8/17/99

REVISIONS

-DRIVEWAY- STA.199+48.82 LT.

PI Sta 10+53.98
Δ = 50° 33' 42.6" (RT)
D = 57° 57' 28.1"
L = 8.82'
T = 4.72'
R = 10.00'

PI Sta 11+09.83
Δ = 15° 40' 55.5" (LT)
D = 190° 59' 09.4"
L = 8.21'
T = 4.13'
R = 30.00'

-L-

PIs Sta 207+71.41
Θs = 0° 26' 18.6"
Ls = 75.00'
LT = 50.00'
ST = 25.00'

-L-

PI Sta 211+98.99
Δ = 9° 23' 36.9" (LT)
D = 1° 10' 09.5"
L = 803.35
T = 402.58'
R = 4,900.00'
DS = 50 MPH
SE = 0.06
RO = SEE PLANS

FLOOD PLAIN BENCH DETAIL "AC"

BANK STABILIZATION CLASS "B" RIPRAP(OUTLET ONLY)
N.G.
2' min. (TYP.)
2:1
0.5'
1.5'
b
1/H.
N.G. OR 5' BERM
b=5 FT.
NATIVE MATERIAL INV. BURIED 1'

NAD 83/95

21 CHAE HUN CHA DB 5292 PG 1985 PB 122 PG 061

24 JAY & DAVONIA MICHAEL DB 6927 PG 0924 PB 116 PG 093

27 LESLIE RIERSON SMITH DB 4969 PG 1847 PB 107 PG 042

29 MARSHA & CURTIS INLOW DB 6964 PG 1036 PB 051 PG 039

BARBARA MAE DERMER-BECKER DB 4144 PG 0297 PB 051 PG 039

26 JULIA GALLOWAY DB 3045 PG 566 PB 132 PG 106

25 GABLES ON SKEET CLUB HOMEOWNERS ASSOC. INC DB 4854 PG 0711 PB 132 PG 106

28 VERNA H. HOUGHTALING DB 2945 PG 0747 PB 060 PG 122

30 PATSY K. KIMSEY DB 3047 PG 0312

22 ALEXANDER M. CATHEY DB 5313 PG 1517 DEED PB 158D PG 106

ROBERT C. HILL DB 3819 PG 1218 PB 093 PG 083

ROBERT E. & NILLA S. PARKS DB 5838 PG 2408 PB 132 PG 106

MATHEW W. TENHAEFF DB 5150 PG 0275 PB 132 PG 106

MICHAEL C. DEDELTER DB 5234 PG 1787 PB 132 PG 106

PRECEPT CONSTRUCTION LLC DB 5346 PG 1386 PB 132 PG 106

LILLIAN POPE ATCHISON DB 5052 PG 2185 PB 132 PG 106

HIGH POINT CITY LIMITS (IN)

-L- POT Sta.199+48.84= -DRIVEWAY- POT Sta.10+00.00
PC Sta. 10+49.25
PT Sta. 10+58.08
PC Sta. 11+05.70
PT Sta. 11+13.91
POT Sta.11+25.00 END CONSTRUCTION
POT Sta. 11+77.67
-L- POT Sta. 200+67.07= -Y31- POT Sta. 10+00.00
-Y32- POT Sta. 10+00.00
-Y32- PT Sta. 10+55.00 BEGIN CONSTRUCTION
-L- POT Sta. 205+75.82= -Y32- POT Sta. 12+89.18
-L- TS Sta. 207+21.41
-L- SC Sta. 207+96.41
-Y31- POT Sta. 12+00.00 END CONSTRUCTION
-Y31- POT Sta. 12+25.71
MATCHLINE STA.98+00.00 SHEET UC-6
MATCHLINE STA.212+00.00 SHEET UC-8

STREAM RELOCATION SEE NATURAL STREAM DESIGN PLANS

BASE DITCH SEE DETAIL DDE 145 CY "4"
2' BASE DITCH SEE DETAIL "2" DDE 27 CY
5 TONS CLASS "B" RIPRAP 14 SY GEOTEXTILE
10 TONS CLASS "B" RIPRAP 28 SY GEOTEXTILE
17 TONS CLASS "I" RIPRAP 28 SY GEOTEXTILE
CLASS "B" RIPRAP
1200' TRANSITION 3-LANES TO 4-LANES
3 TONS CLASS "B" RIPRAP 11 SY GEOTEXTILE
LEVEL SPREADER SEE DETAIL SHT. 2-E
SPLITTER BOX SEE DETAIL ON SHT. 2-G
END 2'-6" C&G 5' SIDEWALK
HEADWALL SEE DETAIL ON SHT. 2-D & FLOOD PLAIN BENCH DETAIL "AC"
REMOVE EX. CMP'S AND HDWL'S
FILL W/ FLOWABLE FILL
5' CONCRETE SIDEWALK (TYP.)
2'-6" C&G (TYP.)
330' STORAGE
1'-6" C&G
8" VC
ES100
EW100
ES105
SR 1820 SKEET CLUB ROAD
COLLAR & EXTEND
PROP. FLARED END SECTION
REMOVE 16'
HEADWALL
100' TAPER
25' FEATHER RESURF.
SEE DETAIL FOR GRADING PLAN SEE SHEET 2-E
1 TON CLASS "B" RIPRAP 5 SY GEOTEXTILE
REMOVE EXIST. 48" RCP
PROP. - 1 - RELOCATE FIRE HYDRANT
PROP. - 40 L.F. OF 12" WATERLINE
PROP. - 40 L.F. OF 12" WATERLINE
RFH
HEADWALL
2'-9" C&G (TYP.)
8' VIR - 34'
TOP=834.12 INV=815.71
TOP=834.40 INV=817.82
TOP=832.14 INV=816.98
INV=825.44
INV=819.03
INV=823.38 INV=820.65
INV=821.76
TOP=823.74 INV=823.74
INV=823.86
INV=835.28 TOP=847.18 INV=835.37

DETAIL 2
STANDARD 2' BASE DITCH
(Not to Scale)
Natural Ground
2H
D
2H
Natural Ground
B
Min. D = 2 Ft.
B = 2 Ft.

FROM STA. 202+27 TO STA. 202+40 -L- (LT) (DDE 27 CY)

DETAIL 4
STANDARD 4' BASE DITCH
(Not to Scale)
Natural Ground
2H
D
2H
Natural Ground
B
Min. D = 3.5 Ft.
B = 4 Ft.

FROM STA. 200+34 TO STA. 200+87 -L-

10948 / 17268		11248 / 17568
-L- SR 1820	50 / 50	300 / 300

300 / 300

POPLAR CREEK LN.
EST. 2013 / 2033 AADT

UTILITY CONSTRUCTION PLANS PREPARED BY:
DAVIS • MARTIN • POWELL
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