ROADWAY DESIGN BY:

TAYLOR• WISEMAN & TAYLOR

ENGINEERS • SURVEYORS •PLANNERS
G.P.S.• SUBSURFACE UTILITY ENGINEERING

3500 REGENCY PARKWAY, SUITE H, CARY, N.C. 27511
TELEPHONE NO. (919)297-0085 FAX NO. (919)297-0090

METRIC

5 0 10

CONST. REV.

R /W REV.

PROJECT REFERENCE NO.	SHEET NO.
R-2514A	32
R /W SHEET NO.	

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 022382 ENGINEER JAMES H. JARKO

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 19775 ENGINEER RAY D. LOWINGOOD

27 MAY 04

HYDRAULIC DESIGN:

TRANSYSTEMS CORPORATION 4917 Waters Edge Drive, Suite 235 Raleigh, NC 27606 (919) 233-8125

-Y3-
PI Sta 0+90.328
△= 39°56'46.2"(LT)
L = 36.658
T = 19.110
R = 52.580
SE = 0.04

NAD 83 NC GRID

+79.023(-Y3-) 9.144m (30.00')

-Y3- STA. 0+90.000 END CONSTRUCTION

+90.000(-Y3-) 9.144m; 15.000m (30.00'; 49.21')

DELMAR & ALICE SOUTHARD DB 363, PG 330

APPARENT GAP

+80.096(-Y3-) 12.250m (40.19') SLOPE STAKE LINE

PCSta.0+71.219

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

END FENCE

BEGIN FENCE +46(-Y3-)

+75(-Y3-)

450mm RCP

REMOVE

59 DONALD WHITE DB 567, PG 890

ACCESS PT.

-L MED- STA. 192+73.790

-Y3- STA. 0+00.000

+42.000(-L MED-) 26.907m (88.28')

EXIST. R/W

0.304 R/W TO EIP

1200mm WD

450mm RCP

EOP MARKER

EOC MARKER

EOT MARKER

GRADE TO DRAIN

SPECIAL DITCH

R=55m

R=20.0m

2GI(BJ)

N 49° 10' 00.5" E

TEMPORARY 3.6m RT. TURN LANE

TEMPORARY 3.6m WIDENING

-L MED-

NB TIE

62 WEYERHAEUSER TIMBERLANDS DB. 200, PG. 287 MB. 2, PG. 26 DB. 197, PG. 479

+60.000(-L MED-) 26.840m, 33.000m (88.06', 108.27')

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

SLOPE STAKE LINE

+40.000(-Y3-) 20.000m (65.62')

+07.490(-L MED-) 33.000m (108.27')

+20.000(-L MED-) 26.840m (88.06')

TS STA 193+70.000 NB TIE 10.060m RT

SC STA 194+55.000 NB TIE

CS STA 194+67.331 NB TIE

DO NOT DISTURB SIGN

0.6 BST

US 17 8.0 BST

30m TAPER

N 47° 00' 17.8" W

45° 50' 58.9" E

37 38 39 40 41 42 43

+40.000(-L MED-) 30.000m (98.43')

END WW FENCE BEGIN CL FENCE +12 -LMED-

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

CLASS 'B' RIPRAP EST 1.8 TONS FILTER FABRIC EST 5.9 SM

55 DONALD WHITE DB. 944, PG.472 - 476 MB 26, PG 164,SLIDE E-192

+57.000(-L MED-) 38.000m (124.67')

REMOVE DRIVEWAY

ISFD

PUMP HOUSE

END FENCE +69(-Y4-)

+80.000(-Y4-) 15.000(49.21')

SLOPE STAKE LINE

-Y4- STA. 1+05.000 END CONSTRUCTION

1+00

W/LT +07.000(-Y4-) 9.144m (30.00')

+07.000(-Y4-) 9.144m; 12.000m (30.00'; 39.37')

141 64 ISBKD CONC REMOVE

DONALD WHITE DB 439, PG 63

+99.500(-L MED-) 30.000m (98.43')

-L MED- STA. 192+71.983= -Y4- STA. 0+00.000

63 WARREN & WENDY TROTT DB 695, PG 691

MODULAR HOME

1200mm CHL

SAT DISH

BEGIN FENCE +69(-Y4-)

65 DONALD WHITE DB.1618, PG. 745

+05.000(-L MED-) 30.000m; 33.000m (98.43'; 108.27')

TIE TO EXISTING CHANNEL

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

SPECIAL LATERAL '0.9m BASE DITCH SEE DETAIL 'H' ON SHEET 2E EST DDE = 770 M 3

CLASS 'B' RIPRAP EST 1.8 TONS FILTER FABRIC EST 5.9 SM

66 EUGENE ADAMS DB. 367, PG. 577 DB. 367, PG. 578 DB. 411, PG. 464 DB. 1642, PG. 1044

1375mm RCP

142 SPECIAL DITCH

143

S17°52'17"W 27.665

S02°13'13"E 94.436

S60°46'56"E 154.229

N85°48'12"E 154.222

APPARENT DEED OVERLAP DB 367, PG 578 DB 1160, PG 142

SR 1330 / SR 1439 TRAFFIC DATA

SR 1330 240 400 — 2005 ADT 2025 ADT

US 17 19,860 29,300 — 20 100 — 120 200 — US 17 19,960 29,400

240 400 — 240 400

SR 1439 580 900

SEE SHEET NO.2E FOR ALL DITCH DETAILS.

SEE SHEET NO. 62 FOR NBL & SBL GRADES AND PROFILES AND ALL DITCH GRADES AND PROFILES.

SEE SHEET NO. 64 FOR NB TIE GRADE AND PROFILE AND DITCH GRADE AND PROFILE.

SEE SHEET NO. 65 FOR -Y3- & -Y4- GRADES AND PROFILES AND ALL DITCH GRADES AND PROFILES.

SEE SHEET NO.2E FOR ALL DRIVEWAY DETAILS.

NB TIE

PIs Sta 194+26.672	PI Sta 194+61.165	PIs Sta 194+95.669
θs = 2° 26' 06.3"	△ = 0° 42' 23.4" (LT)	θs = 2° 26' 06.3"
Ls = 85.000	L = 12.331	Ls = 85.000
LT = 56.672	T = 6.165	LT = 56.672
ST = 28.338	R = 1,000.000	ST = 28.338
	SE = 0.02	

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18-MAY-2004 14:08
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