6/10/03

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	28
R /W SHEET NO.	

ROADWAY DESIGN ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 022392 ENGINEER JAMES H. JATKO

HYDRAULICS ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 19775 ENGINEER RAY D. LOVINGGOOD 15 OCT 03

HYDRAULIC DESIGN:

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

MATCHLINE STA 178+60 SEE SHEET 27

MATCHLINE STA 182+00 SEE SHEET 29

NAD 83 NC GRID

179+00 180+00 181+00 182+00

50 PERCY PARKER, ET AL. DB 853, PG 663 PB. 25, PG 22, SLIDE D-210 DB. 1427, PG. 605

SANITARY SEWER DRAIN FIELD EASEMENT

0.9m BASE TAIL DITCH 20m @ 0.35% SEE DETAIL 'E' ON SHEET 2E EST DDE = 71 M³

+19.600(-L MED-) 47.500m (155.84')

+06.700(-L MED-) 40.600m (133.20')

TDE

GRAVEL PARKING

END FENCE BEGIN FENCE

+29.000(-L MED-) 26.840m (88.06')

CLASS 'B' RIPRAP EST 4.5 TONS FILTER FABRIC EST 11.7 SM

+12.000(-L MED-) 26.840m (88.06')

EXIST. R/W

ACCESS PT.

FOC MARKER W/LT

0.07t R/W-EIR N28°15'52"W

375 mm CONC RET. WALL

SLOPE STAKE LINE

600mm RCP

REMOVE AND REPLACE

COLLAR TO EXIST. (PHASE I)

SPECIAL DITCH

L-MED-

N 49° 10' 00.5" E

END FENCE

BST PARKING

CHURCH

ISBK CHURCH

160 WRF

CONC

ACCESS PT. BEGIN FENCE

+40.000(-L MED-) 26.840m (88.06')

52 WHITE OAK COMMUNITY CHURCH DB 827, PG 666

70.845 N81°20'25"E

13.222 N41°22'01"E

12.497 N80°08'15"E

14.820 N61°26'23"E

END CL FENCE BEGIN WW FENCE +40 -LMED-

+85.000(-L MED-) 26.840m, 31.000m (88.06', 101.7')

522

FOC MARKER

EXIST. R/W

US 17 8.0 BST

06 BST

8d TAPER

REMOVE

375mm RCP

30m TAPER

BEGIN SHOULDER BERM GUTTER +89

1800mm CML W/BW

CONCRETE BARRIER

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

END WW FENCE BEGIN CL FENCE +20 -LMED-

BEGIN FENCE

49 HAZEL S. PARKER DB 853, PG 661 PB. 25, PG 22, SLIDE D-210

+00.000(-L MED-) 30.000m (98.43')

+50.000(-L MED-) 50.000m (164.04')

+60.000(-L MED-) 30.000m (98.43')

+60.000(-L MED-) 50.000m (164.04')

+80.000(-L MED-) 33.000m (108.27')

CLASS 'B' RIPRAP EST 0.9 TONS FILTER FABRIC EST 4.2 SM

EQUIP. IS PORTABLE

ISBLK BUS

ASPHALT TANK

PAVE WITH 60mm S9.5A AND 100mm B25.0B BEGIN FENCE

51 BARRUS CONSTRUCTION CO. DB 443, PG 553

BST

STOCKPILE

ISBLKBUS

ASPHALT MACHINERY

ASPHALT MACHINERY

SEE SHEET NO.2E FOR ALL DRIVEWAY DETAILS.

SEE SHEET NO.2E FOR ALL DITCH DETAILS.

SEE SHEET NO. 58 FOR NBL & SBL GRADES AND PROFILES AND ALL DITCH GRADES AND PROFILES.

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10-OCT-2003 09:32
mwatson