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	17
R /W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 022382 ENGINEER JAMES H. JATKO

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 19775 ENGINEER RAY D. LOVINGGOOD
Ray D. L. 13 OCT 03

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

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THE ENDOWMENT FUND OF NC STATE
UNIVERSITY ET AL. (HOFMANN FOREST).

DB. 170, PG. 263
DB 516 PG 408

HISTORIC PROPERTY

142+00 143+00 144+00 145+00

NAD 83 NC GRID

MATCHLINE STA 141+80 SEE SHEET 16

MATCHLINE STA 145+00 SEE SHEET 18

+40.000(-L MED-)
26.673m
(87.51')

+30.500(-L MED-
26.673m,36.250m
(87.51',118.93')

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

0.6m BASE TAIL DITCH
10.5m @ 0.381%
SEE DETAIL 'C'
ON SHEET 2E
EST DDE = 6 M³

+45.500(-L MED-)
26.673m,36.250m
(87.51',118.93')

TDE

EXIST. R/W

FOC MARKER

FOT MARKER

SLOPE STAKE LINE

SPECIAL DITCH

N 49° 09' 56.3" E

2GI (D)

375 RCP

600mm RCP

US 17 8.0 BST

0.6 BST

T.F. SOIL

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

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

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

SLOPE STAKE LINE

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

0.6m BASE HEAD DITCH
3.0m @ 0.333%
SEE DETAIL 'C'
ON SHEET 2E
EST DDE = 3 M³

+60.000(-L MED-)
32.000m (104.99')

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

32

THE ENDOWMENT FUND OF NC STATE
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DB. 170, PG. 263
DB 516 PG 408

HISTORIC PROPERTY

SEE SHEET NO.2E FOR ALL DRIVEWAY DETAILS.

SEE SHEET NO.2E FOR ALL DITCH DETAILS.

SEE SHEET NO. 47 FOR NBL & SBL GRADES AND PROFILES AND ALL DITCH GRADES AND PROFILES.

6/30/03
C:\Projects\R-2514A\Roadway\R-2514A_RDY_PSH_17.dgn
11:11:31 am
AT T1 (NAD83)