PROJECT REFERENCE NO.	SHEET NO.
R-2552AB	4
R /W SHEET NO.	R-2552AA * 19

METRIC

5 0 10

CONST.REV.

R /W REV.

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL ENGINEER KEVIN E. MOORE
3-16-05

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 18532 ENGINEER A. T. NOTTINGHAM
3/16/05

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "LAKE DAM"
WITH NAD 83 STATE PLANE GRID COORDINATES OF
NORTHING: 222085.5690(m) EASTING: 636096.3610(m)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999893375
THE N.C. LAMBERT GRID BEARING
LOCALIZED HORIZONTAL GROUND DISTANCE FROM "LAKE DAM" TO -L- STATION (28+00.000) IS
S 49 10' 50.824" E 20,559.271 m
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NGVD 29

NAD 83

REVISIONS

8/17/98

WILLIS C. UMSTEAD
LAND BOOK 6 PG.291
DB 749 PG.11

EXISTING R/W
CORNWALLIS RD
SR 1525
6 BST
28.285
1230 mm WD
1000 mm 45BW
300 mm 45BW
R/W MON
WLB

(R-2552AA)
-Y4- +30
20m (65.62')

(R-2552AA)
-L- +15.000
100.000m (328.08')

TEMPORARY EASEMENT FOR CONSTRUCTION ACCESS

(R-2552AA)
-Y4- +70.000
20.000m
(65.62')

(R-2552AA)
-L- +00.000
65.000m
(213.25')

(R-2552AA)
-L- +35.000
65.000 (213.25')

(R-2552AA)
-L- +10.000
65.000m
(213.25')

WILLIE C. REAMS
DB 674 PG. 565

(R-2552AA)
-L- +00.000
48.000m
(157.48')

PROPOSED WW FENCE

BEGIN WW FENCE
-L- POT 28+00.000
R-2552AB

TO BE CONSTRUCTED
UNDER PROJECT R-2552AA

27 S 85° 03' 54.8" E 28 29 30

3.0 P.S.
1.2 P.S.
0.2
7.2
2.1.0
375
450
2GI
FS
BEGIN CABLE GUIDERAIL
-L- POT 28+90
EARTH BERM PIER PROTECTION
1.2 OFFSET

MATCH LINE SEE SHEET 5 STA. 30+20.000

END SPECIAL MEDIAN GRADING
-L- POT 29+00.000

BL-725 35+93.482
-L- POT 29+25.710 OFF (5.166 RT)

(R-2552AA)
-L- +80.000
67.000m
(219.82')

STA. 28+00.000 -L-
BEGIN CONSTRUCTION

(R-2552AA)
-L- +10.000
67.000m
(219.82')

WILLIS C. UMSTEAD
LAND BOOK 6 PG.291
DB 749 PG.11

63 BST

GPS R-2552-15 = BL 34+28.712 = BY4 11+52.923
-L- POT 27+66.382 OFF (47.166 RT)
-Y4- POT 14+88.238 OFF (5.765 LT)

WILLIE C. REAMS
DB 674 PG. 565

NOTE: SEE CROSS-SECTIONS AND ROADWAY STANDARD DRAWINGS, STD. 225.08
SEE SHEET 1 FOR SPECIAL MEDIAN GRADING
SEE SHEET 2-D FOR DRAINAGE DETAILS
SEE SHEET 16 FOR -L- PROFILE

31-JAN-2005 14:24
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bbollinger AT R2552ab