REVISIONS

GREENHORNE & O'MARA, INC.
5565 CENTERVIEW DRIVE, SUITE 107
RALEIGH, NORTH CAROLINA 27606
(919) 851-1919

METRIC
5 0 10

CONST.REV.
R/W REV.

PROJECT REFERENCE NO.	SHEET NO.
R-2539C	18
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 18503 ENGINEER ANNA C. KEENER
9-29-04

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 025503 ENGINEER RICHARD A. MOORE
9/30/04

INLET TYPICAL
STA 206+01.869 -L-
NOT TO SCALE
2H 2H
VARIES 1.2m TO 2.4m
EST. DDE = 75 CU.M.

NOTES:
1. DRIVES IN SHOULDER SECTION, RADIUS = 1.5m @ E.O.P. (UNLESS OTHERWISE NOTED ON PLANS).
2. ALL DRIVES IN CURB AND GUTTER SECTIONS ARE RADIUS TYPE DRIVEWAYS WITH A 0.9m RADIUS @ FACE OF CURB (UNLESS OTHERWISE NOTED ON PLANS).
3. CHANNELIZATION RADIUS = 3.095m @ E.O.P. (UNLESS OTHERWISE NOTED ON PLANS).
4. OFFSET FROM R/W TO 200x450 CURB = 0.0m (TYP.)

ROBERT G. SPENCER
DB 233 - PG 287

(80) THELMA MARIE IRELAND SPENCER
DB 231 - PG 716

-Y8- POT 12+35.500
END CONSTRUCTION

-Y8- POT 12+02.771
BEGIN CONSTRUCTION

-Y8- POT 12+91.940

A. EARLE IRELAND
DB 137 - PG 790
DB 88 - PG 190

-Y9- POT 10+05.000
BEGIN CONSTRUCTION

-Y9- POT 10+00.000

BY9-58
POT 5+00.000
-Y9- 10+35.323
4.451 LT

(82A) ROBERT & JEAN PEGRAM
DB 198 - PG 225

(84) DUDLEY A. PAUL, JR., et ux
DB 153 - PG 719

(82) GLADYS BUNN
DB 154 - PG 570

(86) HERMAN L. IRELAND
DB 152 - PG 366

-L- SC 203+70.816

MATCHLINE -L- STA. 203+40.000 SEE SHEET NO. 17

MATCHLINE -L- STA. 207+00.000 SEE SHEET NO. 19

-L- POC 204+92.413
-Y9- POT 11+00.000

-L- PT 205+74.094

BL-25 PINC 52+46.867=
BY8 POT 7+22.082=
BY9 POT 5+64.301
-L- 204+61.482
14.081 LT

BL-26
PINC 54+12.119
-L- 206+24.610, 6.225 LT

(77) JESSE BRAXTON CAHOON, et ux
DB 339 PG 792

(78) JESSE B. CAHOON
DB 254 - PG 510

(79) PAUL LEE PEGRAM, et ux
DB 183 - PG 639

(81) BERTHA A. SIMMONS, et vir
DB 315 - PG 203

(83) PEGGY S. WOOSTER
DB 177 - PG 576

(85) C. W. PHILLIPS
DB 123 - PG 402

(87) FDI POSTAL PROPERTIES I, INC.
DB 287 - PG 503

DO NOT DISTURB FIG & MAGNOLIA TREES IN TDE

PREFORMED SCOUR HOLE SEE SHEET 2-D

COLLAR & EXTEND PIPE

PROP. 200x450 CURB

PAVEMENT REMOVAL

-Y19- MILL POND RD
SR 1203
600/1100 2005 ADT / 2025 ADT
200/400 400/700
14500/23300 NC 55 14700/23600

-L-
Pls Sta 203+36.847
Θs = 5°18'46.4" (RT)
Ls = 102.000
LT = 68.031
ST = 34.028

PI Sta 204+73.628
Δ = 21°10'34.6" (RT)
L = 203.278
T = 102.812
R = 550.000
S.E. = .04

DETAIL N
STANDARD BASE DITCH
(Not to Scale)
Natural Ground, 3:1, D, 3:1, Natural Ground, B
Min. D = 0.9 m
B = 1.0 m

STA. 203+74 -L- RT

DETAIL D
SPECIAL CUT DITCH
(Not to Scale)
Natural Ground, 3:1, D, 4:1 or Flatter, Front Ditch Slope
Min. D = 0.6 m

STA. 10+10 TO STA. 10+46 -Y9- RT

CULVERT OUTLET TYPICAL
STA 206+01.869 -L-
NOT TO SCALE
VARIES, 2H, 2H, 450mm, 0.3M, CLASS 'I' RIP RAP
EST. DDE = 110 CU.M.
EST. 140 MTONS CLASS 'I' RIP RAP
EST. 150 SQ. M. FF

SEE SHEET NO. 36 FOR -L- PROFILE
SEE SHEET NO. 43 FOR -Y9- PROFILE
SEE SHEET NO. 2-J FOR -Y9 INTERSECTION DETAIL.