KCI Associates of North Carolina, P.A.
SUITE 200, LANDMARK CENTER I, 4601 SIX FORKS RD.
RALEIGH, NC 27609-5210 (919) 783-9214
•ENGINEERS • PLANNERS • ECOLOGISTS

METRIC
5m 0 10m

PROJECT REFERENCE NO.	SHEET NO.
R-2562C	16
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 22761 — MICHELLE R. BRAME

HYDRAULICS ENGINEER — NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 026696 — JEFFREY L. RECK

CONST.REV.

R/W REV.

NC GRID NAD '83

62.772 N42°05'51"W

75.374 N47°26'08"E

95.429 S45°16'56"W

90.676 N41°32'05"W

32.295 N45°39'35"E

113.710 N40°00'56"W

53.033 N45°39'35"E

53.560 COR-R/W N 49°59'04"E

59.089 COR-PIPE N 41°41'24" W

59.982 COR-R/W N 45°39'36"E

MATCH LINE -L- REV. STA 136+11.5 SHEET 15

MATCH LINE -L- REV. STA 139+49 SHEET 17

TSSta.136+66.883

SCSta.137+31.883

PCSta.136+89.01

CSSta.138+95.648

PTSta.139+17.143

137+00

138+00

139+00

(38C) MARIE LEIGH PAIT
DB 252 PG 312

(39) GLADWIN LEE PRIEST, JR.
DB 257 PG 415

(40) GLADWIN LEE PRIEST, JR.
DB 233 PG 668

(42) HERSCHEL S. EDGE AND WIFE
MARY S. EDGE
DB 219 PG 860

(43) N. B. CARROLL, ET AL
DB 220 PG 472

MARY BETH STOUT EDGE
DB 267 PG 675

EUGENE ADDISON PRIEST, JR AND WIFE
VIVIAN J. PRIEST
DB 208 PG 833

PROP.06 PAVED SHLD.
PROP.12 PAVED SHLD.

+11.500 -L- REV
27m (88.583')

+13.090 -L- REV
99.4m (326.115')

+23.534 -L- REV
99.4m (326.115')

+23.576 -L- REV
35.772m (117.362')

+13.287 -L- REV
35.661m (116.998')

+00.000 -L- REV
27m (88.583')

+59.135 -L- REV
25.977m (85.226')

+40.000 -L- REV
28m (91.864')

+20.000 -L- REV
38m (124.672')

+01.000 -L- REV
25.627m (84.078')

+25.000 -L- REV
31m (101.706')

+95.648 -L- REV
31m (101.706')

+17.000 -L- REV
31m (101.706')

+40.000 -L- REV
26.145m (85.777')

PROPOSED SPECIAL DITCH SEE DETAIL A

CLASS 'B' RIPRAP @ OUTLET
EST. 11.9 TONS W/ 24.8 SQ. m FF

STA. 138+20 LT.
DITCH CLEANOUT REQUIRED
68m DOWNSTREAM OF PIPE OUTLET
@0.15% TO PIPE INTERSECTION
@ ELEV. 42.949
EST 65 CU m DDE
SEE DETAIL H

CLASS 'B' RIPRAP @ OUTLET
EST. 1.8 TONS
W/ 5.9 S.m FF

LATERAL 'V' DITCH
SEE DETAIL B

PROP. DRIVE
+59.135 -L- REV
25.977m (85.226')

PROP. DRIVE

CLASS 'B' RIPRAP
EST. 5 TONS W/ 12 SQ. m FF

ISBKD

POOL

HTR

CHORD

PROP.R/W

ADJUST GV

ADJUST WM

ADJUST WM

2GI TYPE D

2GI SPECIAL TYPE D

2GI SPECIAL 2GI SPECIAL TYPE D TYPE D

450 W/ PPES

FALSE SUMP

GPS MON R2562CD-3

MEDIAN DITCH

MEDIAN DITCH

NC HWY 87 7.2 BST

REMOVE DI 375 mm CONC

REMOVE HW

REMOVE DI

REMOVE HW C

GRADE TO DRAIN

NO ADDITIONAL RECORD INFORMATION AVAILABLE FOR THE GAS SERVICE AT THIS LOCATION.

NO ASSOCIATED PIPING FOUND FOR THIS WM.

NO ADDITIONAL UTILITY RECORD INFORMATION AVAILABLE FOR THE TV LINE AT THIS LOCATION.

NO ADDITIONAL UTILITY RECORD INFORMATION AVAILABLE FOR THE WATER AT THIS LOCATION.

-L- REV

BL-40

BL-41

-L- CURVE DATA
PI Sta 138+03.103
Δ = 3° 04' 37.5" (RT)
L = 228.138
T = 114.092
R = 4,318.000

-L- REV CURVE DATA

PIs Sta 137+10.217	PI Sta 138+13.776	PIs Sta 139+17.315
Θs = 0° 25' 48.2"	Δ = 2° 10' 01" (RT)	Θs = 0° 25' 48.2"
Ls = 65.000	L = 163.765	Ls = 65.000
LT = 43.333	T = 81.892	LT = 43.333
ST = 21.667	R = 4,330.000	ST = 21.667
	SE = 0.02	

DRIVEWAY NOTES:
1. ALL PROP. DRIVEWAY RADII 3.0m UNLESS OTHERWISE SHOWN.
2. PROP. DRIVEWAY WIDTHS AT END OF RADII SHALL BE 4.9m MIN. UNLESS OTHERWISE SHOWN. TAPER DRIVEWAY TO EXISTING DRIVEWAY WIDTH.

SEE SHEET 38 FOR -L- REV. PROFILE