BM#8 EL. 1.793
RR SPIKE OVER PIPE -Y10-
128.241m RT. -L- STA. 208+10.131

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

METRIC

PROJECT REFERENCE NO.	SHEET NO.
R-2539C	36

CONST.REV.

R /W REV.

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 18505 ENGINEER CARLENA C. KEENER
9-29-04

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 025503 ENGINEER RICHARD A. MOORE

PROP GRADE LINE
EXIST GROUND LINE

VPT 203+57.000 EL 3.698
VPC 203+70.000 EL 3.699
VPT/VPC 204+20.000 EL 3.630
VPT/VPC 204+69.000 EL 3.504
VPT/VPC 205+40.000 EL 3.458
VPT 206+20.000 EL 3.506
VPC 206+85.000 EL 3.292

(-)0.3750%
(+)0.3750%
(+)0.3000%
(-)0.3000%
(-)0.7200%
(+)0.5000%
(-)0.3300%

PI = 203+95.000
EL = 3.555
L = 50.000
K = 74
DS = 120+ KM/H

PI = 204+50.000
EL = 3.720
L = 60.000
K = 59
DS = 100+ KM/H

PI = 205+10.000
EL = 3.288
L = 60.000
K = 49
DS = 100+ KM/H

PI = 205+80.000
EL = 3.638
L = 60.000
K = 96
DS = 120+ KM/H

SEE SHEET NO. 18 FOR -L- PLAN.

203+40 204+00 205+00 206+00 207+00

BM#8 EL. 1.793
RR SPIKE OVER PIPE -Y10-
128.241m RT. -L- STA. 208+10.131

PROP GRADE LINE
EXIST GROUND LINE

VPT 207+35.000 EL 3.284
VPC 208+35.000 EL 3.584
VPT/VPC 208+85.000 EL 3.584
VPT/VPC 209+35.000 EL 3.584
VPC 210+00.000 EL 3.539
VPT 210+60.000 EL 3.539

(-)0.3300%
(+)0.3000%
(-)0.3000%

PI = 207+10.000
EL = 3.209
L = 50.000
K = 79
DS = 120+ KM/H

PI = 208+60.000
EL = 3.659
L = 50.000
K = 83
DS = 110+ KM/H

PI = 209+10.000
EL = 3.509
L = 50.000
K = 83
DS = 120+ KM/H

PI = 209+60.000
EL = 3.659
L = 50.000
K = 83
DS = 110+ KM/H

PI = 210+30.000
EL = 3.449
L = 60.000
K = 100
DS = 120+ KM/H

SEE SHEET NO. 19 FOR -L- PLAN.

207+00 208+00 209+00 210+00 210+60