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

WETHERILL ENGINEERING
559 Jones Franklin Rd Suite 164
Raleigh, N.C. 27606
Phone: 919.859.8877
Fax: 919.851.8107
TRANSPORTATION PLANNING/DESIGN — BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN — GIS/GPS — CONSTRUCTION OBSERVATION

METRIC

5 0 10

CONST.REV.

R /W REV.

PROJECT REFERENCE NO.	SHEET NO.
R-2562D	31

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 21118 ENGINEER ROB A. MAY
12/12/04

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 26696 ENGINEER JEFFREY L. REECE

-LREV-

PI = 44+95.000
EL = 46.403 m
VC = 60 m
K = 100

-LREV- STA 41+80.000
EL = 45.911

PVC STA 41+90.000
EL = 45.827

PI = 42+20.000
EL = 45.574 m
VC = 60 m
K = 52

PVT STA 42+50.000
EL = 45.664

PVC STA 44+65.000
EL = 46.313

-0.8425%

+0.3015%

+0.3015%

-0.2996%

-LREV- STA 45+20.000
EL = 46.327

SEE SHEET 14 FOR PLAN VIEW

+80 42+00 +20 +40 +60 +80 43+00 +20 +40 +60 +80 44+00 +20 +40 +60 +80 45+00 +20

-LREV-

-LREV-

TBM #21 -LREV- STA 47+02.657
OFFSET 13.796 LT. RR SPIKE
SET IN BASE OF 14" PINE TREE
ELEV. 45.468

-LREV- STA 48+23.582 LB EL = 45.814 =
-LREV- STA 48+23.582 LA EL = 45.778 (OFF 1.8 RT) =
-L2REV- STA 48+23.582 LA EL = 45.778 (OFF 1.8 LT)

-LREV- STA 45+20.000
EL = 46.327

PVT STA 45+25.000
EL = 46.313

PVC STA 47+25.000
EL = 45.714

PI = 47+55.000
EL = 45.624 m
VC = 60 m
K = 104

PVT STA 47+85.000
EL = 45.707

PVC STA 48+50.000
EL = 45.851

-LREV- STA 48+60.000
EL = 45.879

-0.2996%

+0.2763%

+0.2763%

-LREV- STA 48+23.582 LA EL = 45.778 =
-LREV- STA 48+23.582 LB EL = 45.814 (OFF 1.8 LT) =
-L2REV- STA 48+23.582 LA EL = 45.778 (OFF 3.6 LT)

SEE SHEET 15 FOR PLAN VIEW
SEE SHEET 33 FOR L2REV GRADE AHEAD

+20 +40 +60 +80 46+00 +20 +40 +60 +80 47+00 +20 +40 +60 +80 48+00 +20 +40 +60

MTgjw1 JR-2562D_RDY_PFL.DGN
23-JUL-2004 12:41
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