

6/09/08

DITCH LEGEND
LEFT DITCH - - - - -

PROJECT REFERENCE NO. R-0513BA SHEET NO. 30

ROADWAY DESIGN ENGINEER HYDRAULICS ENGINEER

CONST. REV. R /W REV.

METRIC

5 0 10

SEAL 25873

SEAL 16600

9-24-04

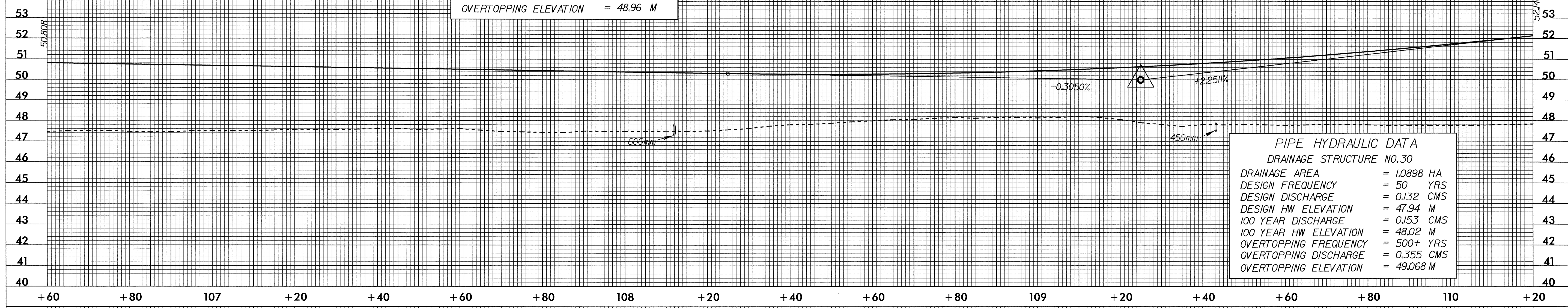
9-27-07

PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO.27

DRAINAGE AREA = 8.2493 HA
DESIGN FREQUENCY = 50 YRS
DESIGN DISCHARGE = 0.231 CMS
DESIGN HW ELEVATION = 47.83 M
100 YEAR DISCHARGE = 0.280 CMS
100 YEAR HW ELEVATION = 47.88 M
OVERTOPPING FREQUENCY = 500+ YRS
OVERTOPPING DISCHARGE = 0.655 CMS
OVERTOPPING ELEVATION = 48.96 M

BM*3 RR SPIKE IN BASE OF 200MM PINE
-L- STA.108+50.479 86.765M RT
N 100265.986 E 586796.346 EL = 48.064

PI = 109+25.000
EL = 50.000 m
VC = 200 m
K = 78



PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO.30

DRAINAGE AREA = 1.0898 HA
DESIGN FREQUENCY = 50 YRS
DESIGN DISCHARGE = 0.132 CMS
DESIGN HW ELEVATION = 47.94 M
100 YEAR DISCHARGE = 0.153 CMS
100 YEAR HW ELEVATION = 48.02 M
OVERTOPPING FREQUENCY = 500+ YRS
OVERTOPPING DISCHARGE = 0.355 CMS
OVERTOPPING ELEVATION = 49.068 M

PI = 113+75.000
EL = 60.130 m
VC = 675 m
K = 151



NOTE: SEE SHEET NO.10 & NO.11 FOR ALIGNMENT

20-SEP-2004 13:35
R:\proj\051388\11
mduval AT RD188649