

REFERENCE: FOR PLAN VIEW SEE PLAN SHEET 09

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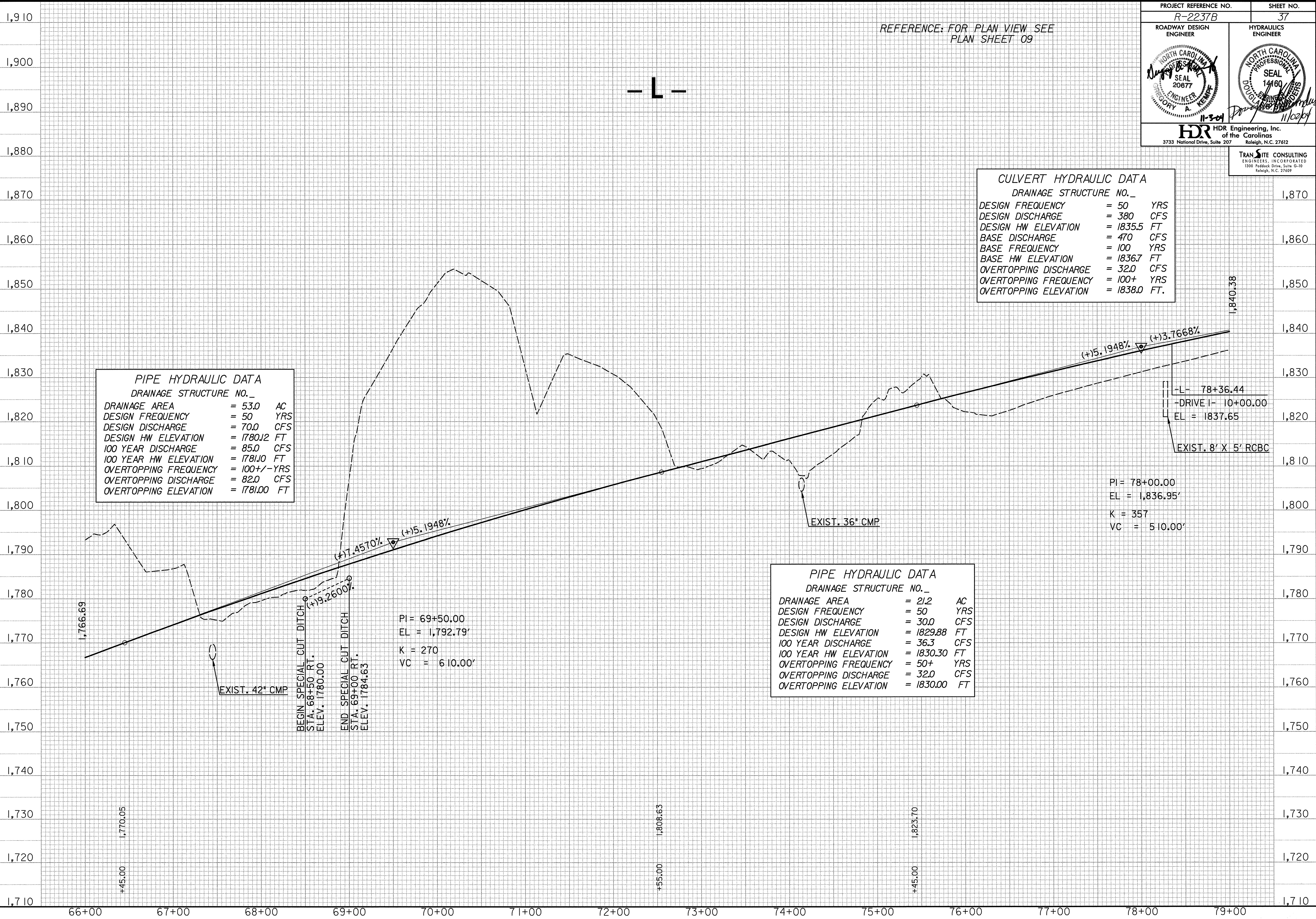
CULVERT HYDRAULIC DATA	
DRAINAGE STRUCTURE NO. _	
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 380 CFS
DESIGN HW ELEVATION	= 1835.5 FT
BASE DISCHARGE	= 470 CFS
BASE FREQUENCY	= 100 YRS
BASE HW ELEVATION	= 1836.7 FT
OVERTOPPING DISCHARGE	= 32.0 CFS
OVERTOPPING FREQUENCY	= 100+ YRS
OVERTOPPING ELEVATION	= 1838.0 FT.

PIPE HYDRAULIC DATA	
DRAINAGE STRUCTURE NO. _	
DRAINAGE AREA	= 53.0 AC
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 70.0 CFS
DESIGN HW ELEVATION	= 1780.12 FT
100 YEAR DISCHARGE	= 85.0 CFS
100 YEAR HW ELEVATION	= 1781.10 FT
OVERTOPPING FREQUENCY	= 100+/- YRS
OVERTOPPING DISCHARGE	= 82.0 CFS
OVERTOPPING ELEVATION	= 1781.00 FT

PIPE HYDRAULIC DATA	
DRAINAGE STRUCTURE NO. _	
DRAINAGE AREA	= 21.2 AC
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 30.0 CFS
DESIGN HW ELEVATION	= 1829.88 FT
100 YEAR DISCHARGE	= 36.3 CFS
100 YEAR HW ELEVATION	= 1830.30 FT
OVERTOPPING FREQUENCY	= 50+ YRS
OVERTOPPING DISCHARGE	= 32.0 CFS
OVERTOPPING ELEVATION	= 1830.00 FT

PI = 78+00.00
EL = 1,836.95'
K = 357
VC = 510.00'

PI = 69+50.00
EL = 1,792.79'
K = 270
VC = 610.00'



5/14/09
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