

5/28/99

F:\862015\01\Cadd\2514C\Roadway\Proj\2514C\_Rdy.plt.dgn

PROJECT REFERENCE NO. R-2514C	SHEET NO. 37
ROADWAY DESIGN ENGINEER DANIEL W. GARDNER, JR. SEAL 033871 3/27/2015	HYDRAULICS ENGINEER BOOK E. ANDERSON SEAL 032581 3/27/2015

**PIPE HYDRAULIC DATA**  
Str. 2001 Sta. 228+85.14

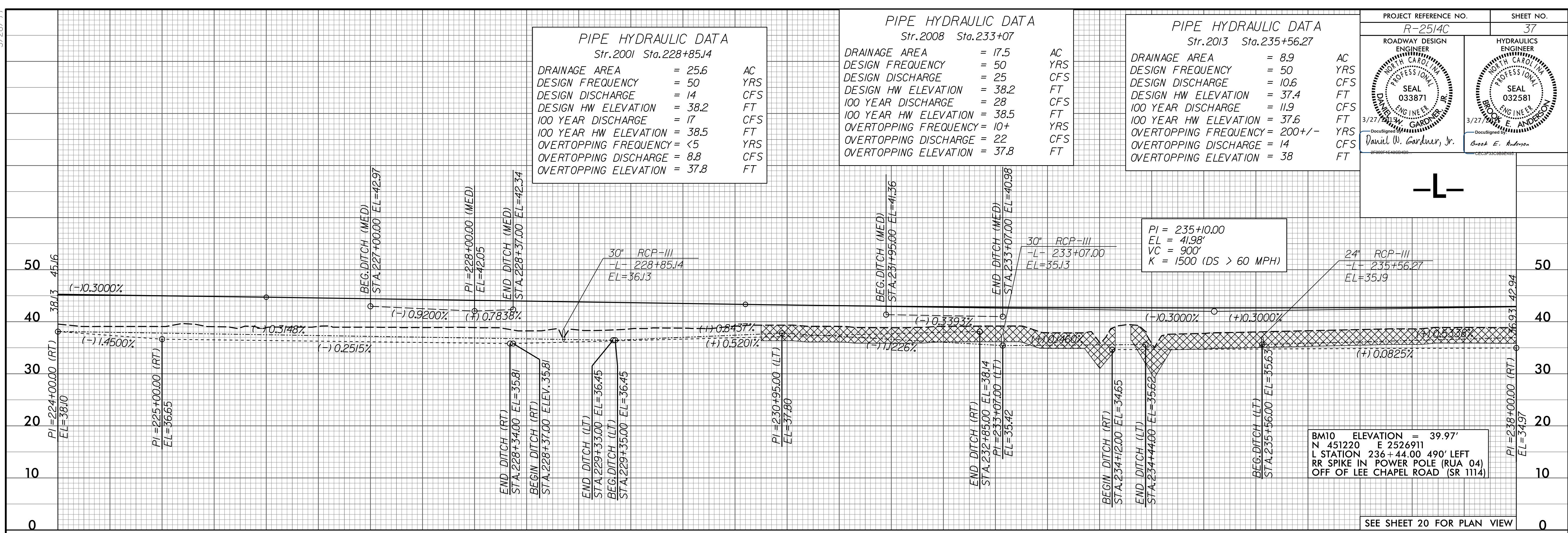
DRAINAGE AREA	= 25.6	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 14	CFS
DESIGN HW ELEVATION	= 38.2	FT
100 YEAR DISCHARGE	= 17	CFS
100 YEAR HW ELEVATION	= 38.5	FT
OVERTOPPING FREQUENCY	= <5	YRS
OVERTOPPING DISCHARGE	= 8.8	CFS
OVERTOPPING ELEVATION	= 37.8	FT

**PIPE HYDRAULIC DATA**  
Str. 2008 Sta. 233+07

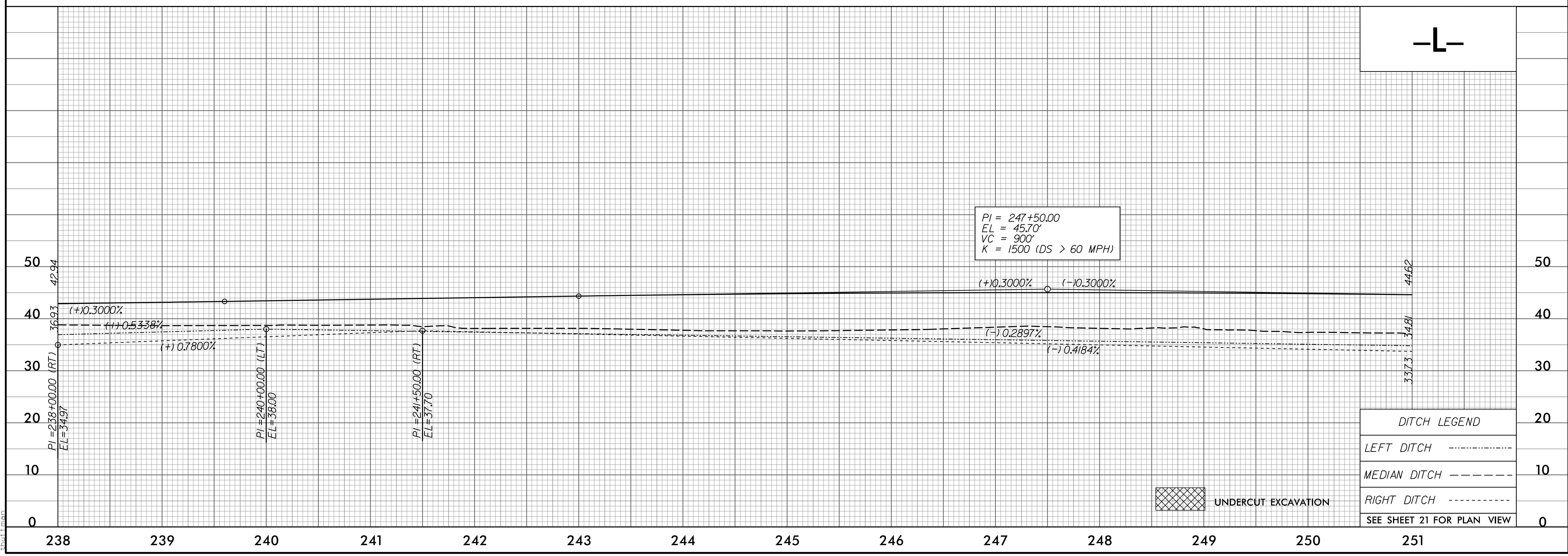
DRAINAGE AREA	= 17.5	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 25	CFS
DESIGN HW ELEVATION	= 38.2	FT
100 YEAR DISCHARGE	= 28	CFS
100 YEAR HW ELEVATION	= 38.5	FT
OVERTOPPING FREQUENCY	= 10+	YRS
OVERTOPPING DISCHARGE	= 22	CFS
OVERTOPPING ELEVATION	= 37.8	FT

**PIPE HYDRAULIC DATA**  
Str. 2013 Sta. 235+56.27

DRAINAGE AREA	= 8.9	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 10.6	CFS
DESIGN HW ELEVATION	= 37.4	FT
100 YEAR DISCHARGE	= 11.9	CFS
100 YEAR HW ELEVATION	= 37.6	FT
OVERTOPPING FREQUENCY	= 200+/-	YRS
OVERTOPPING DISCHARGE	= 14	CFS
OVERTOPPING ELEVATION	= 38	FT



SEE SHEET 20 FOR PLAN VIEW



**DITCH LEGEND**

LEFT DITCH	- - - - -
MEDIAN DITCH	- - - - -
RIGHT DITCH	- - - - -

SEE SHEET 21 FOR PLAN VIEW