

5/28/17



PROJECT REFERENCE NO. U-4751	SHEET NO. 38
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<i>[Signature]</i>	<i>[Signature]</i>
SEAL 043891	SEAL 029388
DATE 5/17/2017	DATE 5/17/2017

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

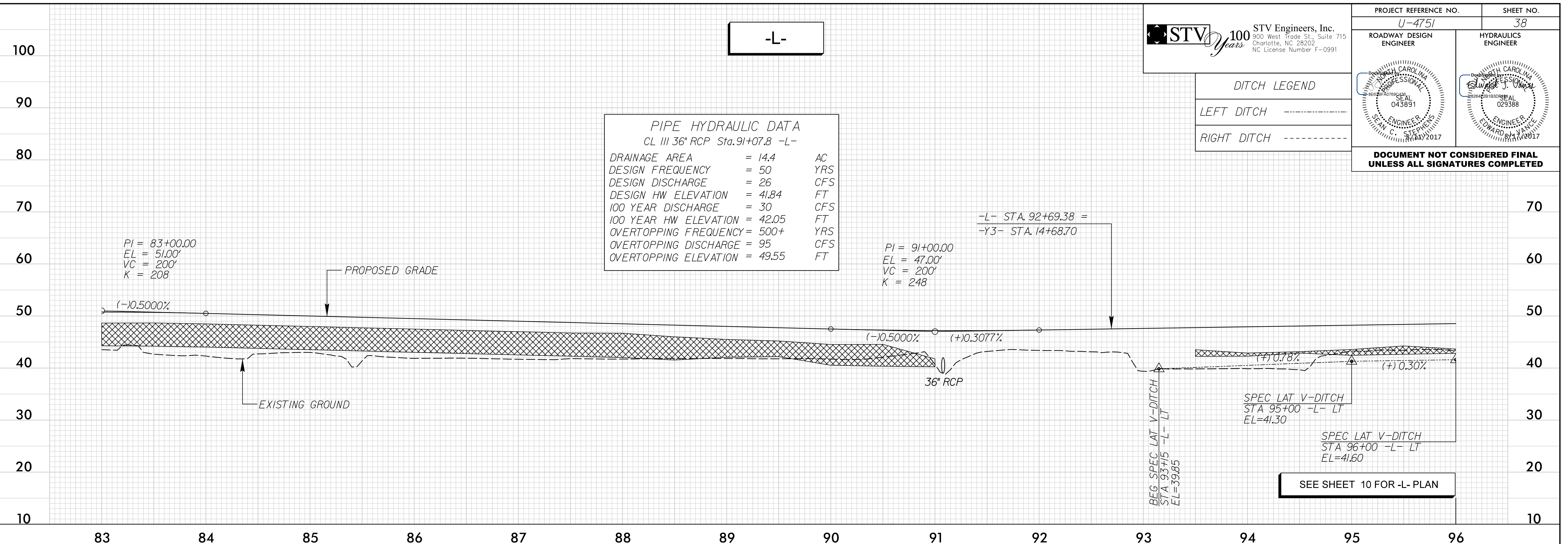
DITCH LEGEND

LEFT DITCH - - - - -

RIGHT DITCH - - - - -

PIPE HYDRAULIC DATA
CL III 36" RCP Sta. 91+07.8 -L-

DRAINAGE AREA	= 14.4	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 26	CFS
DESIGN HW ELEVATION	= 41.84	FT
100 YEAR DISCHARGE	= 30	CFS
100 YEAR HW ELEVATION	= 42.05	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 95	CFS
OVERTOPPING ELEVATION	= 49.55	FT



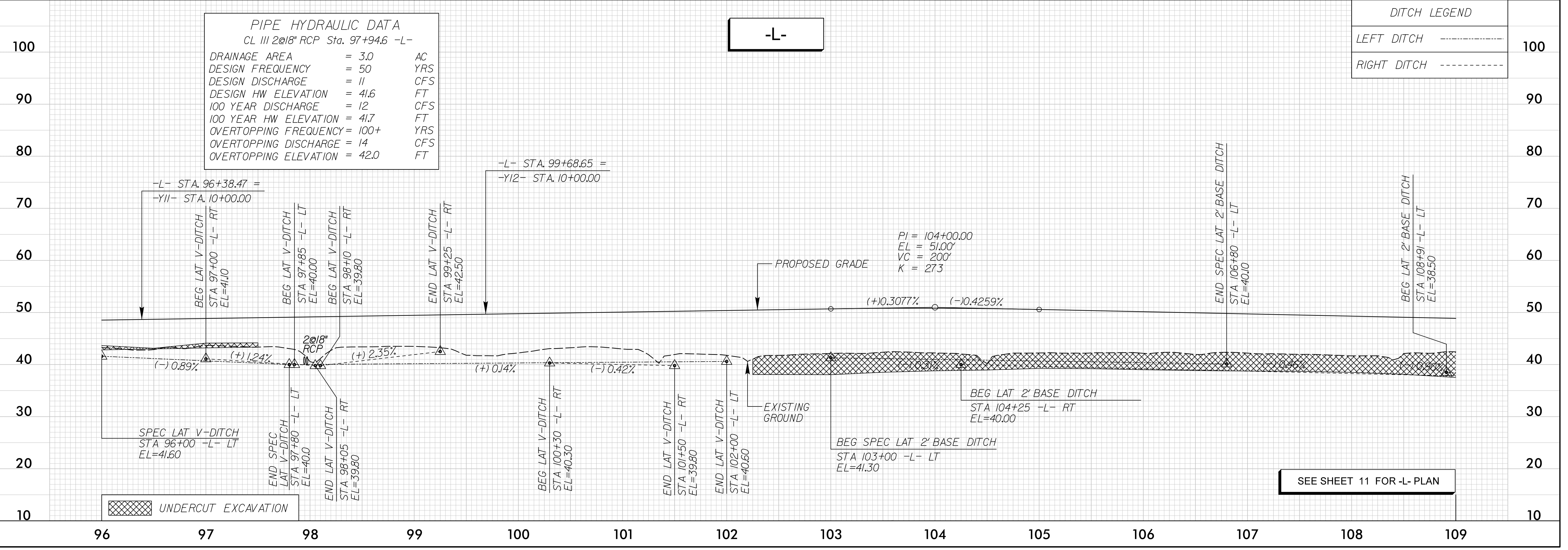
PIPE HYDRAULIC DATA
CL III 20" RCP Sta. 97+94.6 -L-

DRAINAGE AREA	= 3.0	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 11	CFS
DESIGN HW ELEVATION	= 41.6	FT
100 YEAR DISCHARGE	= 12	CFS
100 YEAR HW ELEVATION	= 41.7	FT
OVERTOPPING FREQUENCY	= 100+	YRS
OVERTOPPING DISCHARGE	= 14	CFS
OVERTOPPING ELEVATION	= 42.0	FT

DITCH LEGEND

LEFT DITCH - - - - -

RIGHT DITCH - - - - -



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