

5/28/99

PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO.0601

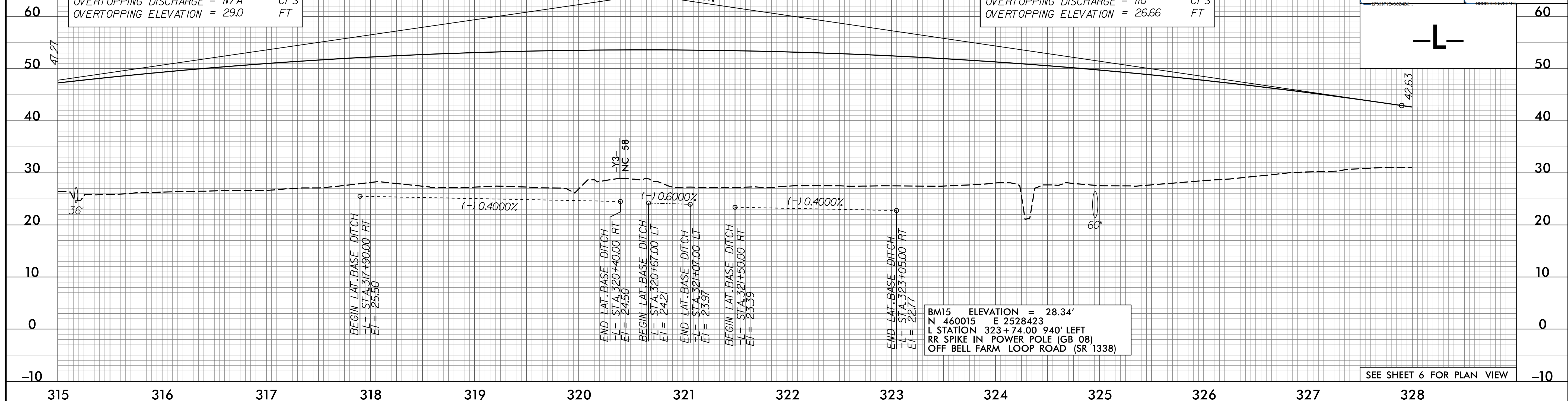
DRAINAGE AREA	= 8	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 30	CFS
DESIGN HW ELEVATION	= 27.86	FT
100 YEAR DISCHARGE	= 33	CFS
100 YEAR HW ELEVATION	= 28.08	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= N/A	CFS
OVERTOPPING ELEVATION	= 29.0	FT

PI = 320+65.00
EL = 64.19'
VC = 1,450'
K = 248 (DS > 70 MPH)

PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO.0641

DRAINAGE AREA	= 48	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 120	CFS
DESIGN HW ELEVATION	= 26.85	FT
100 YEAR DISCHARGE	= 140	CFS
100 YEAR HW ELEVATION	= 27.51	FT
OVERTOPPING FREQUENCY	= 25	YRS
OVERTOPPING DISCHARGE	= 110	CFS
OVERTOPPING ELEVATION	= 26.66	FT

PROJECT REFERENCE NO.	R-2514D	SHEET NO.	33
ROADWAY DESIGN ENGINEER	DAVID W. GARDNER, JR.	HYDRAULICS ENGINEER	DAVID W. GARDNER, JR.
SEAL	033871	SEAL	039745
DATE	3/24/99	DATE	3/23/99

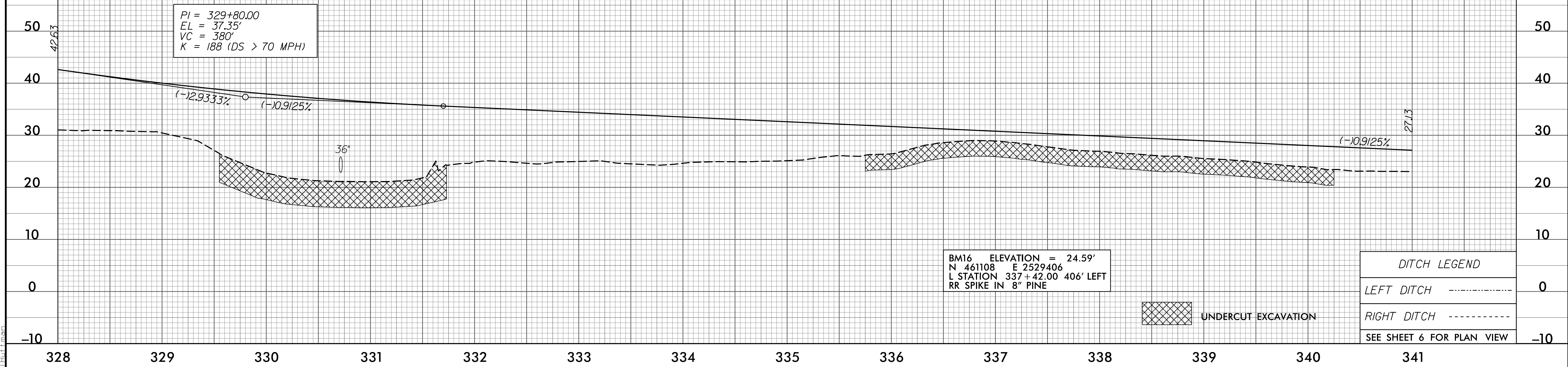


SEE SHEET 6 FOR PLAN VIEW

PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO.0665

DRAINAGE AREA	= 7	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 18	CFS
DESIGN HW ELEVATION	= 26.12	FT
100 YEAR DISCHARGE	= 19	CFS
100 YEAR HW ELEVATION	= 26.19	FT
OVERTOPPING FREQUENCY	= <2	YRS
OVERTOPPING DISCHARGE	= <10	CFS
OVERTOPPING ELEVATION	= 25.6	FT

PI = 329+80.00
EL = 37.35'
VC = 380'
K = 188 (DS > 70 MPH)



DITCH LEGEND

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

SEE SHEET 6 FOR PLAN VIEW

UNDERCUT EXCAVATION

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