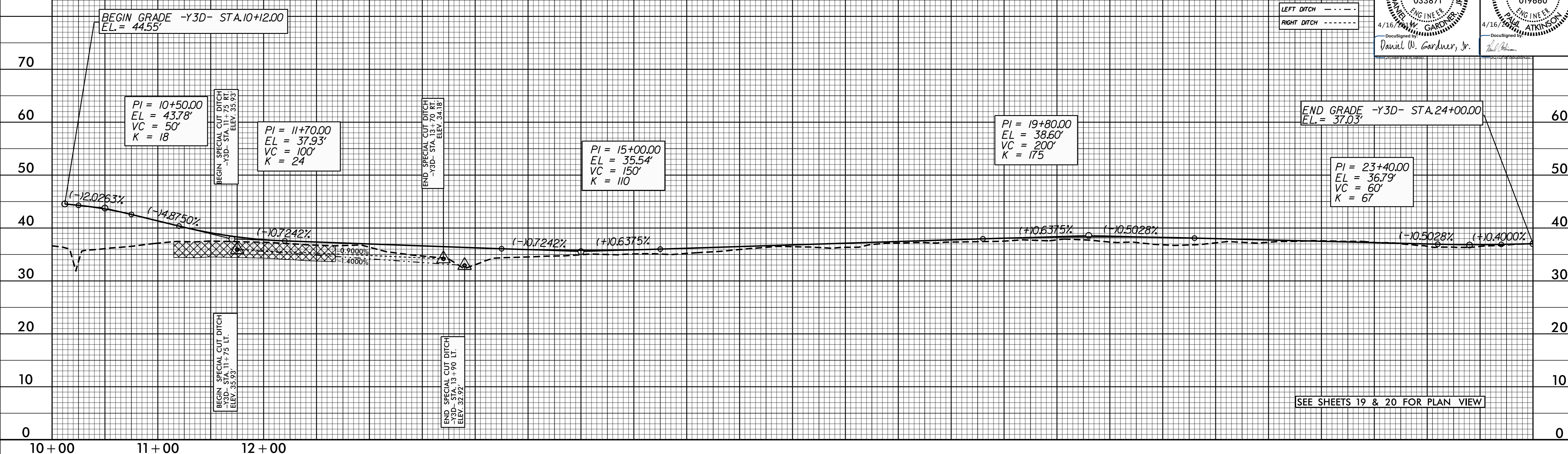


5/28/99

PROJECT REFERENCE NO. R-2514B	SHEET NO. 41
ROADWAY DESIGN ENGINEER PAUL W. GARDNER, JR. SEAL 033871 4/16/2015	HYDRAULICS ENGINEER PAUL W. GARDNER, JR. SEAL 019660 4/16/2015

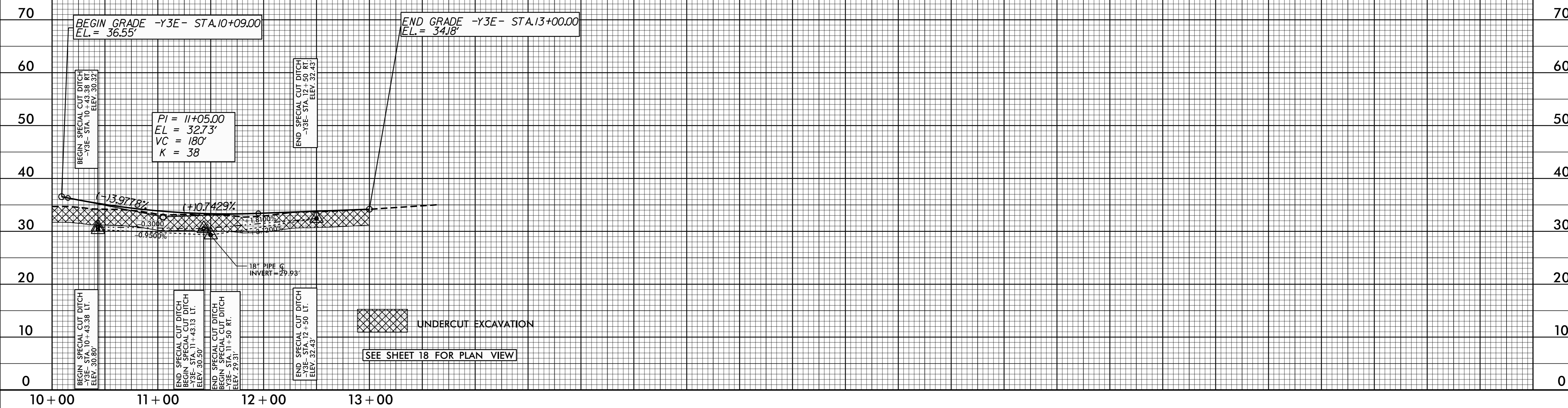
-Y3D-



PIPE HYDRAULIC DATA
-Y3E- Sta.11+47

DRAINAGE AREA	=	169 AC
DESIGN FREQUENCY	=	25 YRS
DESIGN DISCHARGE	=	5.4 CFS
DESIGN HW ELEVATION	=	31.8 FT
100 YEAR DISCHARGE	=	6.4 CFS
100 YEAR HW ELEVATION	=	32.0 FT
OVERTOPPING FREQUENCY	=	500+ YRS
OVERTOPPING DISCHARGE	=	13 CFS
OVERTOPPING ELEVATION	=	33.3 FT

-Y3E-



16-APR-2015 09:16 I:\2514B_rdu\pl_41.dgn