

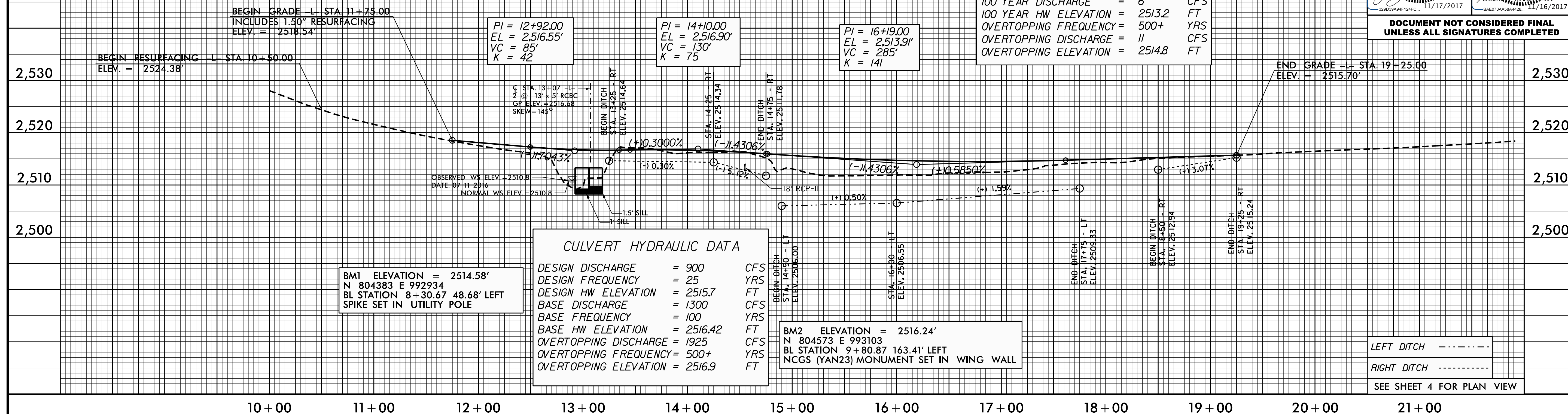
5/28/99

PROJECT REFERENCE NO. B-4848	SHEET NO. 5
ROADWAY DESIGN ENGINEER [Signature]	HYDRAULICS ENGINEER [Signature]
PROFESSIONAL SEAL 026964 [Signature]	PROFESSIONAL SEAL 34364 [Signature]
DATE: 11/17/2017	DATE: 11/16/2017

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PIPE HYDRAULIC DATA
18" RCP-III Sta. 14+55

DRAINAGE AREA	= 2.0	AC
DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 5	CFS
DESIGN HW ELEVATION	= 2513.1	FT
100 YEAR DISCHARGE	= 6	CFS
100 YEAR HW ELEVATION	= 2513.2	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 11	CFS
OVERTOPPING ELEVATION	= 2514.8	FT



CULVERT HYDRAULIC DATA

DESIGN DISCHARGE	= 900	CFS
DESIGN FREQUENCY	= 25	YRS
DESIGN HW ELEVATION	= 2515.7	FT
BASE DISCHARGE	= 1300	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 2516.42	FT
OVERTOPPING DISCHARGE	= 1925	CFS
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING ELEVATION	= 2516.9	FT

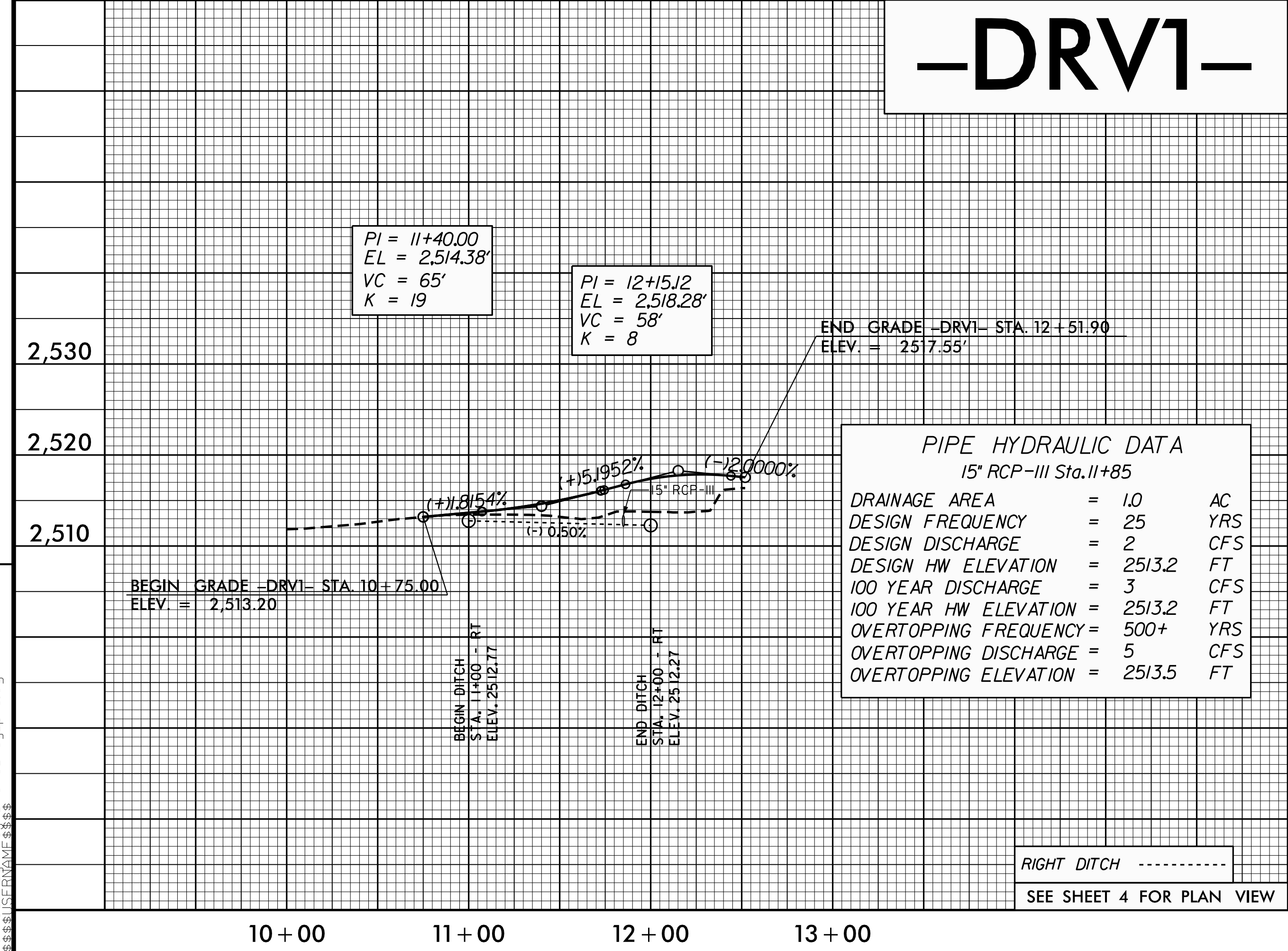
BM1 ELEVATION = 2514.58'
N 804383 E 992934
BL STATION 8+30.67 48.68' LEFT
SPIKE SET IN UTILITY POLE

BM2 ELEVATION = 2516.24'
N 804573 E 993103
BL STATION 9+80.87 163.41' LEFT
NCGS (YAN23) MONUMENT SET IN WING WALL

LEFT DITCH - - - - -
RIGHT DITCH - - - - -
SEE SHEET 4 FOR PLAN VIEW

-DRV1-

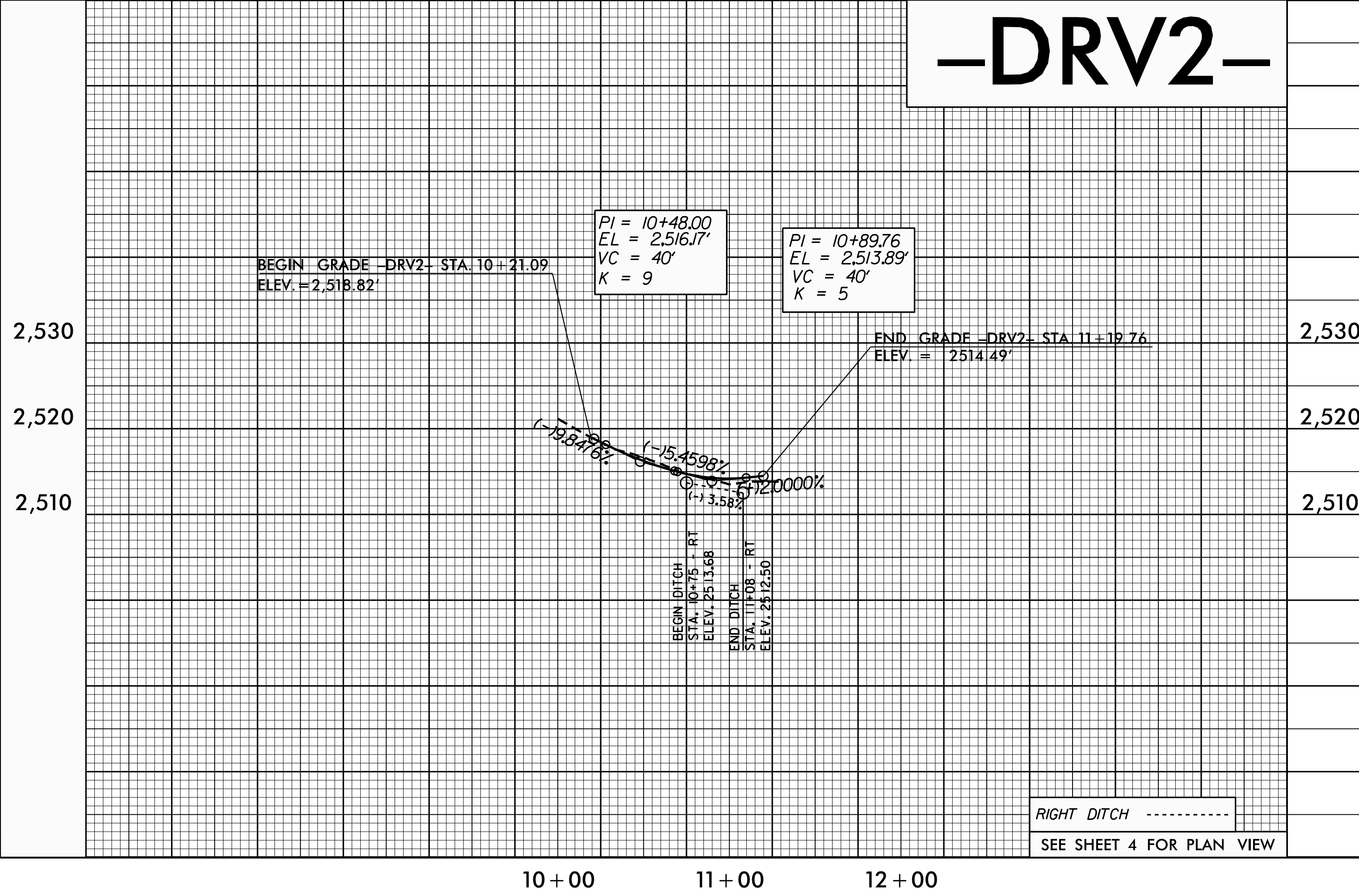
-DRV2-



PIPE HYDRAULIC DATA
15" RCP-III Sta. 11+85

DRAINAGE AREA	= 1.0	AC
DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 2	CFS
DESIGN HW ELEVATION	= 2513.2	FT
100 YEAR DISCHARGE	= 3	CFS
100 YEAR HW ELEVATION	= 2513.2	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 5	CFS
OVERTOPPING ELEVATION	= 2513.5	FT

RIGHT DITCH - - - - -
SEE SHEET 4 FOR PLAN VIEW



RIGHT DITCH - - - - -
SEE SHEET 4 FOR PLAN VIEW

REVISIONS

05-NOV-2017 08:33 04848-Rdy-p1.dgn