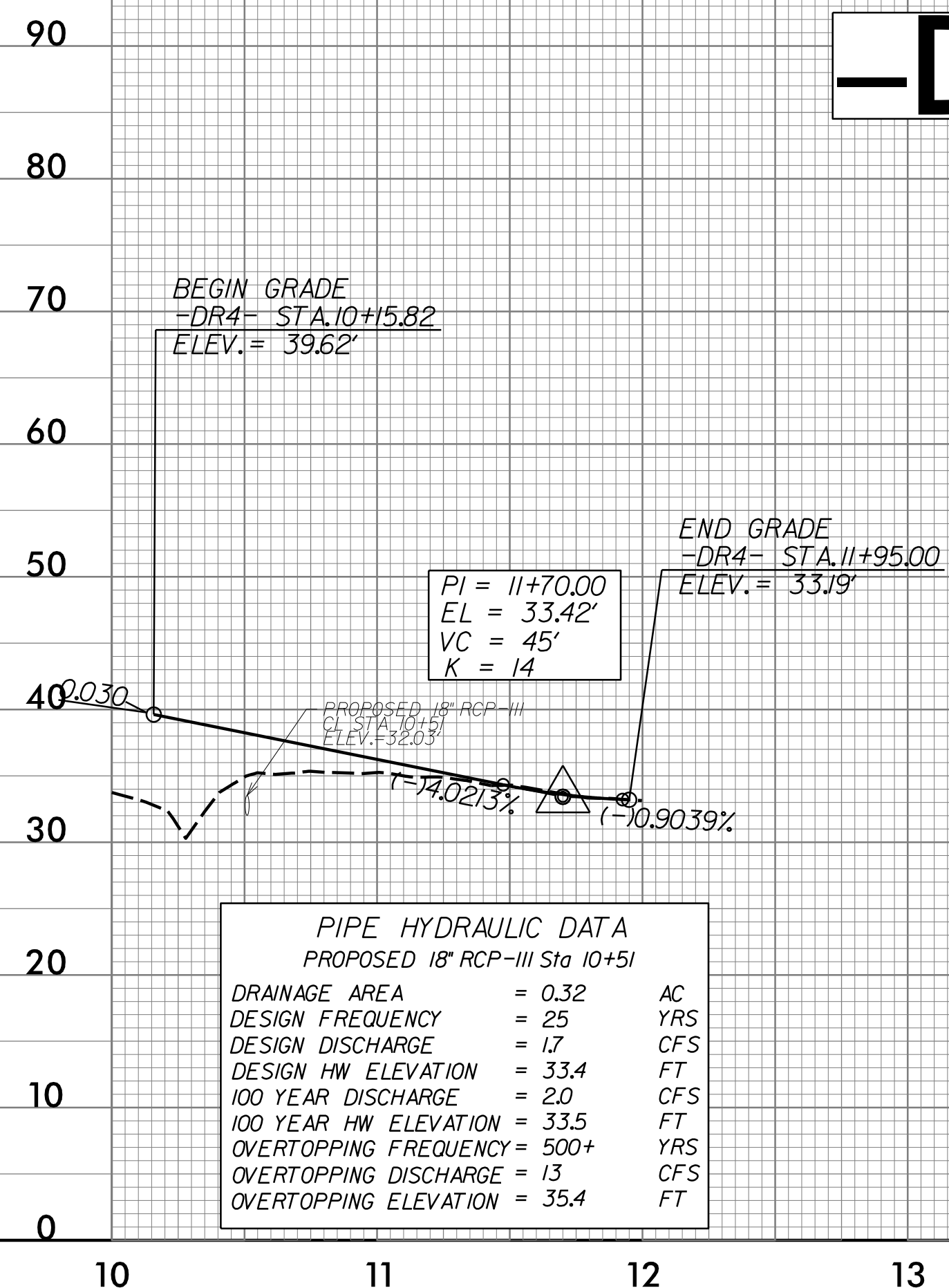


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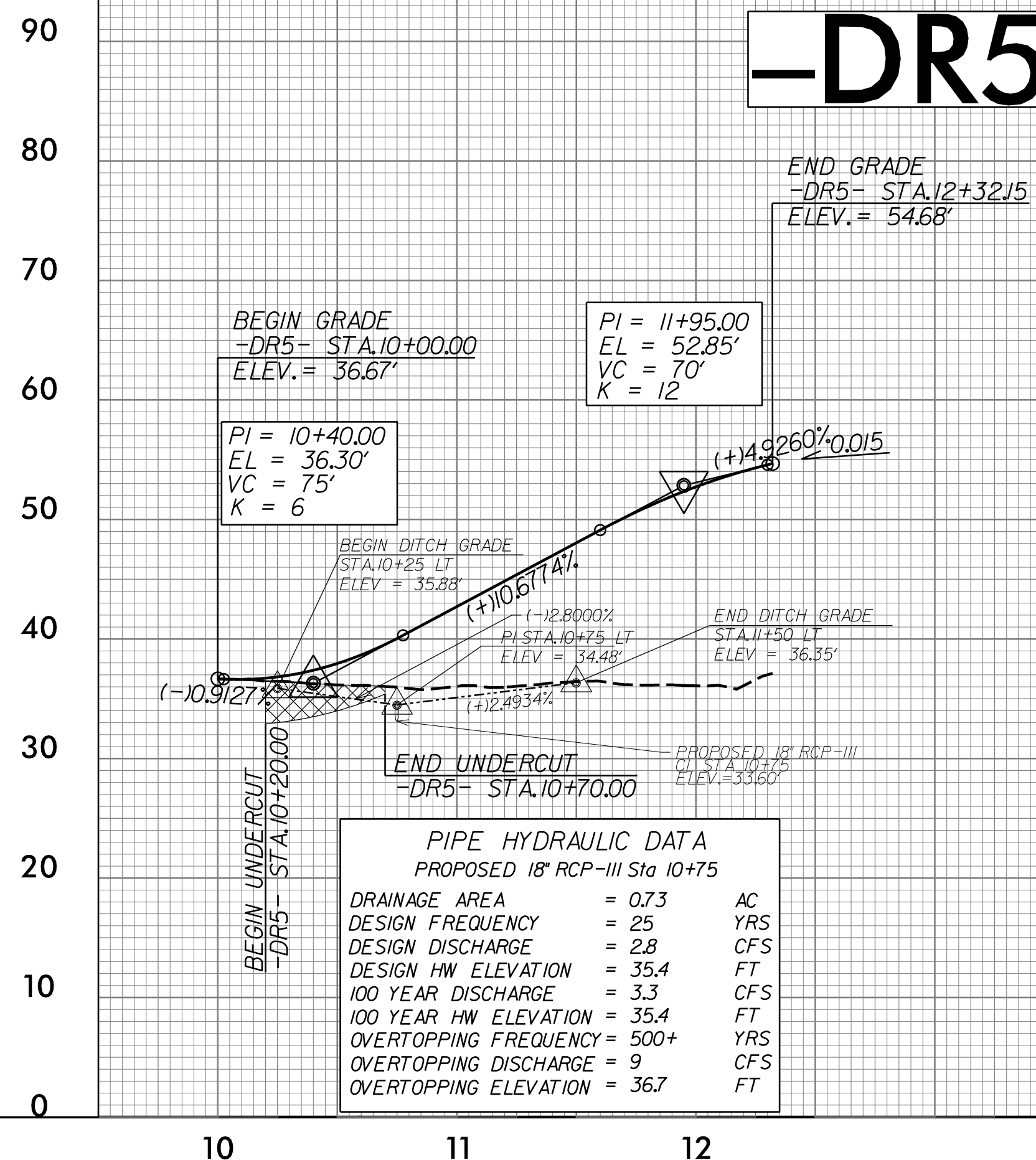
-DR4-



PIPE HYDRAULIC DATA	
PROPOSED 18" RCP-III Sta 10+51	
DRAINAGE AREA	= 0.32 AC
DESIGN FREQUENCY	= 25 YRS
DESIGN DISCHARGE	= 1.7 CFS
DESIGN HW ELEVATION	= 33.4 FT
100 YEAR DISCHARGE	= 2.0 CFS
100 YEAR HW ELEVATION	= 33.5 FT
OVERTOPPING FREQUENCY	= 500+ YRS
OVERTOPPING DISCHARGE	= 13 CFS
OVERTOPPING ELEVATION	= 35.4 FT




FOR PLAN SEE SHEET 11

-DR5-



PIPE HYDRAULIC DATA	
PROPOSED 18" RCP-III Sta 10+75	
DRAINAGE AREA	= 0.73 AC
DESIGN FREQUENCY	= 25 YRS
DESIGN DISCHARGE	= 2.8 CFS
DESIGN HW ELEVATION	= 35.4 FT
100 YEAR DISCHARGE	= 3.3 CFS
100 YEAR HW ELEVATION	= 35.4 FT
OVERTOPPING FREQUENCY	= 500+ YRS
OVERTOPPING DISCHARGE	= 9 CFS
OVERTOPPING ELEVATION	= 36.7 FT

FOR PLAN SEE SHEET 7

PROJECT REFERENCE NO. R-2561CA	SHEET NO. 28
ROADWAY DESIGN ENGINEER 	HYDRAULICS ENGINEER 
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
	
1 Glenwood Avenue Raleigh, NC 27603 Tel: 919.789.9977 Fax: 919.789.9591 License: C-2197	

 UNDERCUT EXCAVATION

DITCH LEGEND
LEFT DITCH - - - - -

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