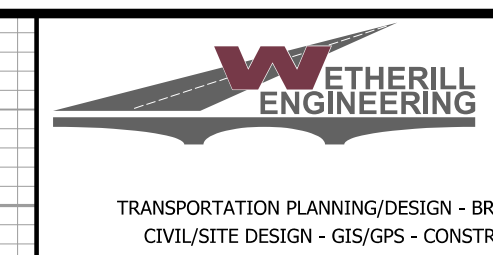


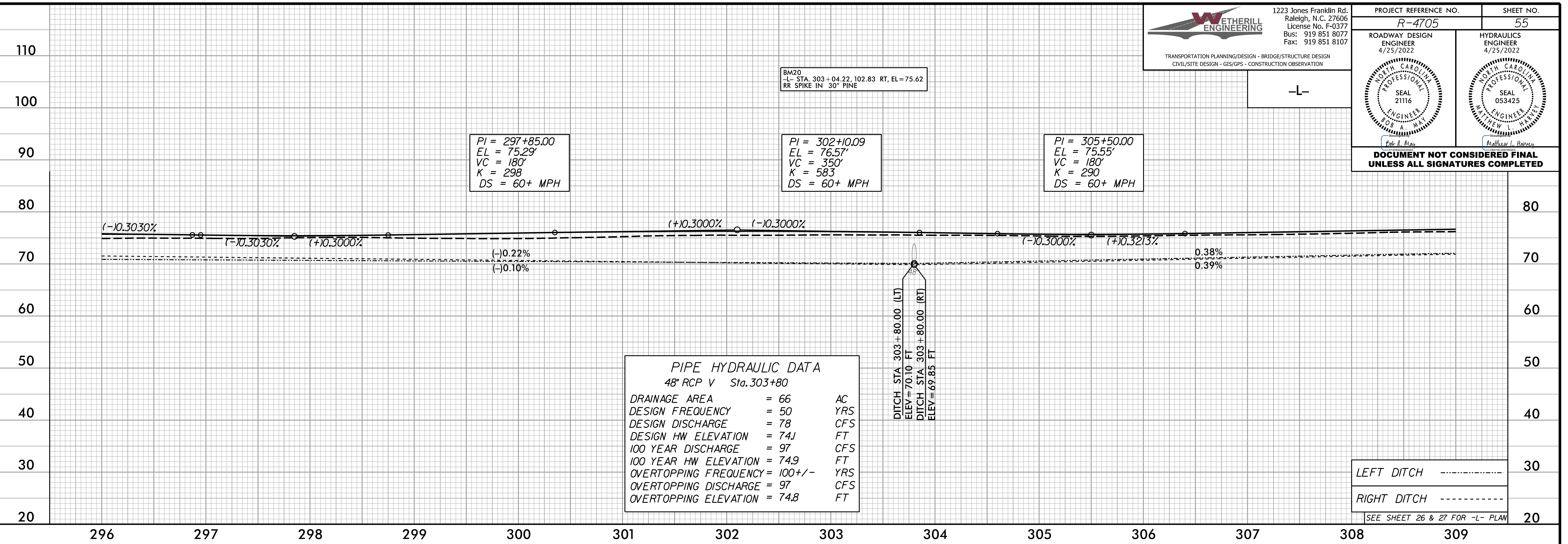
5/28/99



1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

PROJECT REFERENCE NO. R-4705	SHEET NO. 55
ROADWAY DESIGN ENGINEER 4/25/2022 	HYDRAULICS ENGINEER 4/25/2022
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



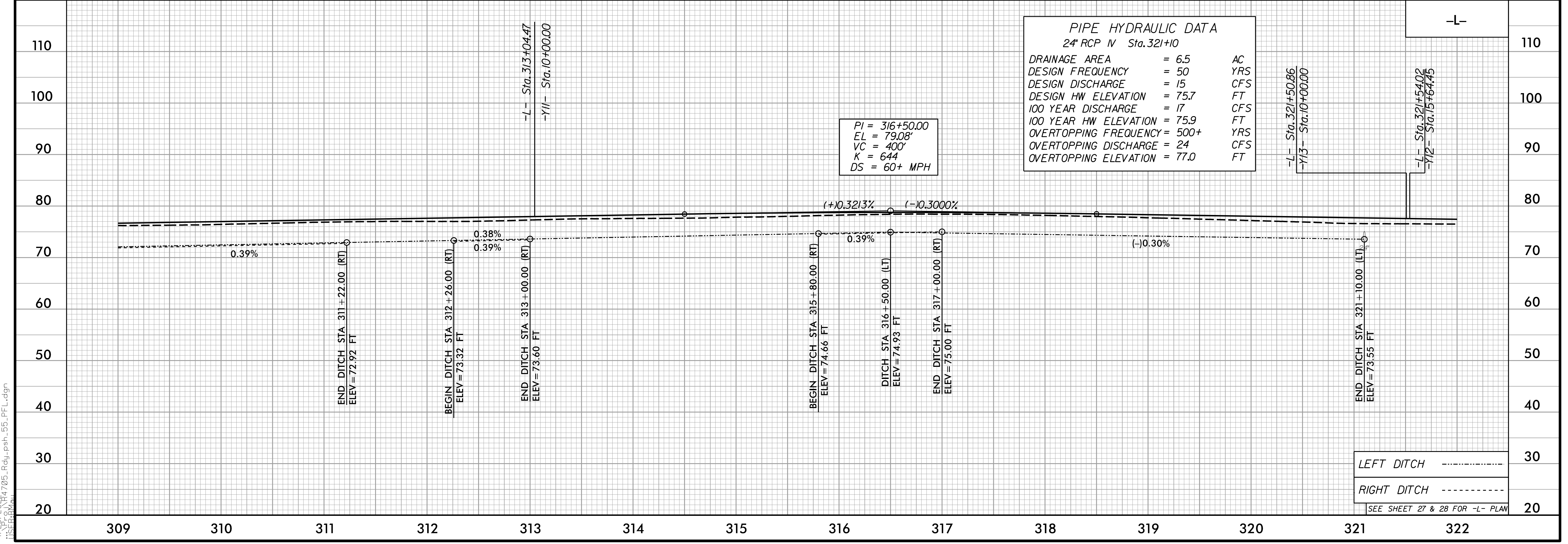
PIPE HYDRAULIC DATA
48" RCP V Sta. 303+80

DRAINAGE AREA	= 66	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 78	CFS
DESIGN HW ELEVATION	= 74.1	FT
100 YEAR DISCHARGE	= 97	CFS
100 YEAR HW ELEVATION	= 74.9	FT
OVERTOPPING FREQUENCY	= 100+/-	YRS
OVERTOPPING DISCHARGE	= 97	CFS
OVERTOPPING ELEVATION	= 74.8	FT

LEFT DITCH -----

RIGHT DITCH -----

SEE SHEET 26 & 27 FOR -L- PLAN



PIPE HYDRAULIC DATA
24" RCP V Sta. 321+10

DRAINAGE AREA	= 6.5	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 15	CFS
DESIGN HW ELEVATION	= 75.7	FT
100 YEAR DISCHARGE	= 17	CFS
100 YEAR HW ELEVATION	= 75.9	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 24	CFS
OVERTOPPING ELEVATION	= 77.0	FT

LEFT DITCH -----

RIGHT DITCH -----

SEE SHEET 27 & 28 FOR -L- PLAN

4/25/2022 4:05 PM 4705_Rdy_psh_55_PFL.dgn