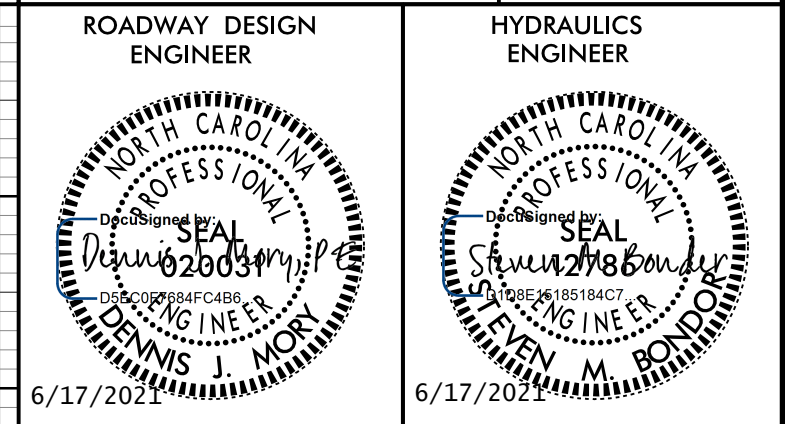


5/14/19



2610 WYCLIFF ROAD  
SUITE 410  
RALEIGH, NC 27601  
PHONE: 919.881.9939  
NC COA No. F.0929

PROJECT REFERENCE NO. R-2233BB  
SHEET NO. 50

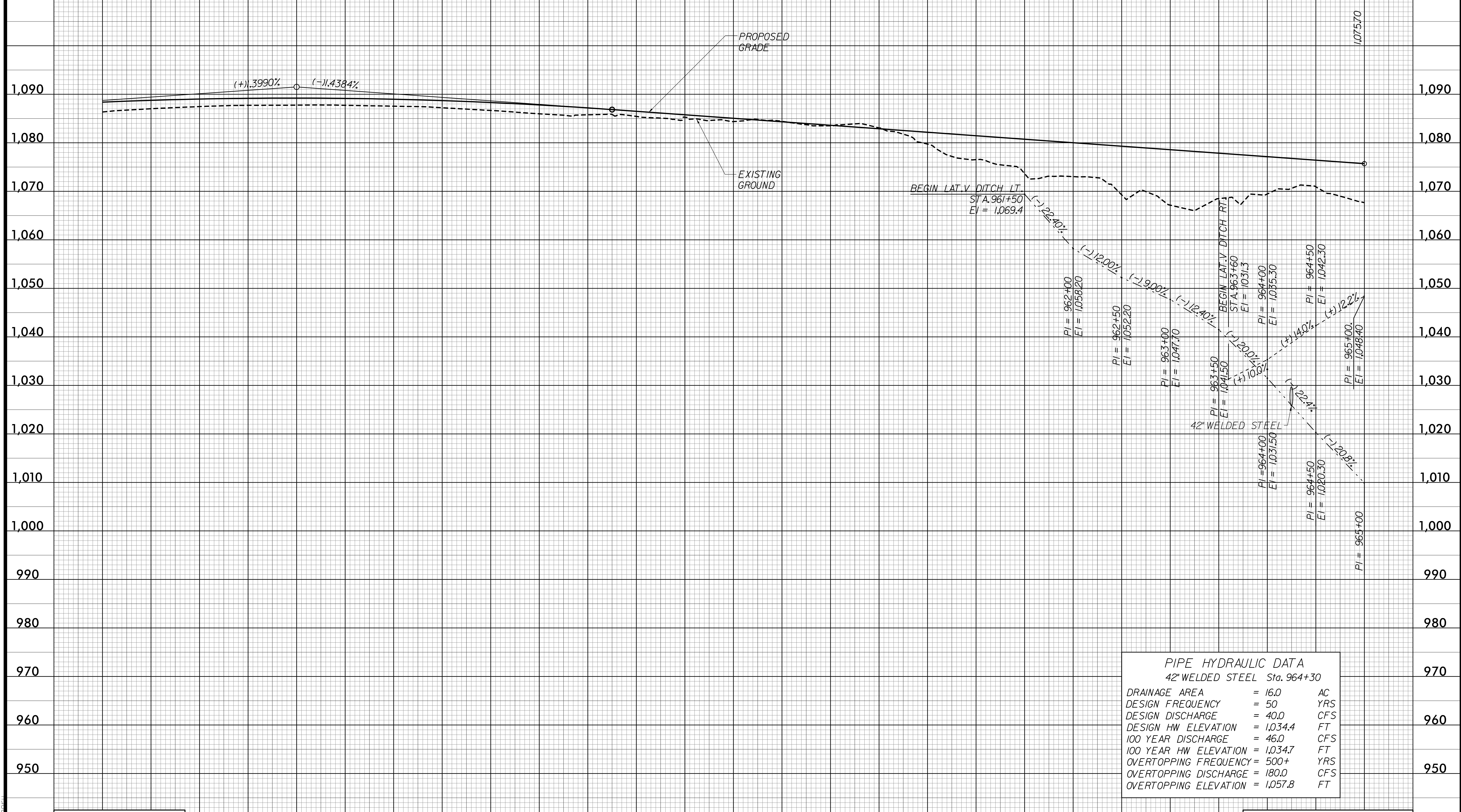


DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

1,088.38'

-L3-

PI = 954+00.00  
EL = 1,091.52'  
VC = 650'  
K = 229



PIPE HYDRAULIC DATA	
42" WELDED STEEL Sta. 964+30	
DRAINAGE AREA	= 16.0 AC
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 40.0 CFS
DESIGN HW ELEVATION	= 1,034.4 FT
100 YEAR DISCHARGE	= 46.0 CFS
100 YEAR HW ELEVATION	= 1,034.7 FT
OVERTOPPING FREQUENCY	= 500+ YRS
OVERTOPPING DISCHARGE	= 180.0 CFS
OVERTOPPING ELEVATION	= 1,057.8 FT

SEE SHEET 19 FOR -L3-

-L3- STA. 952+00.00 TO STA. 965+00.00

6/16/2019 9:50:08 AM  
R:\Projects\2019\2233BB\_A01\PEL50.DGN  
Dennis Morin