

5/14/19



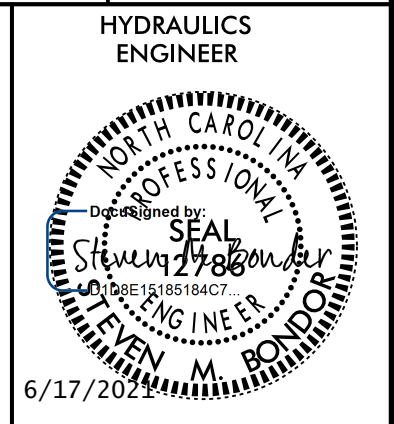
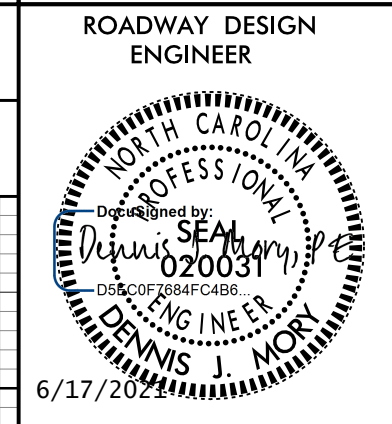
2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0925

PROJECT REFERENCE NO.
R-2233BB

SHEET NO.
51

DITCH LEGEND

RIGHT DITCH - - - - -



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

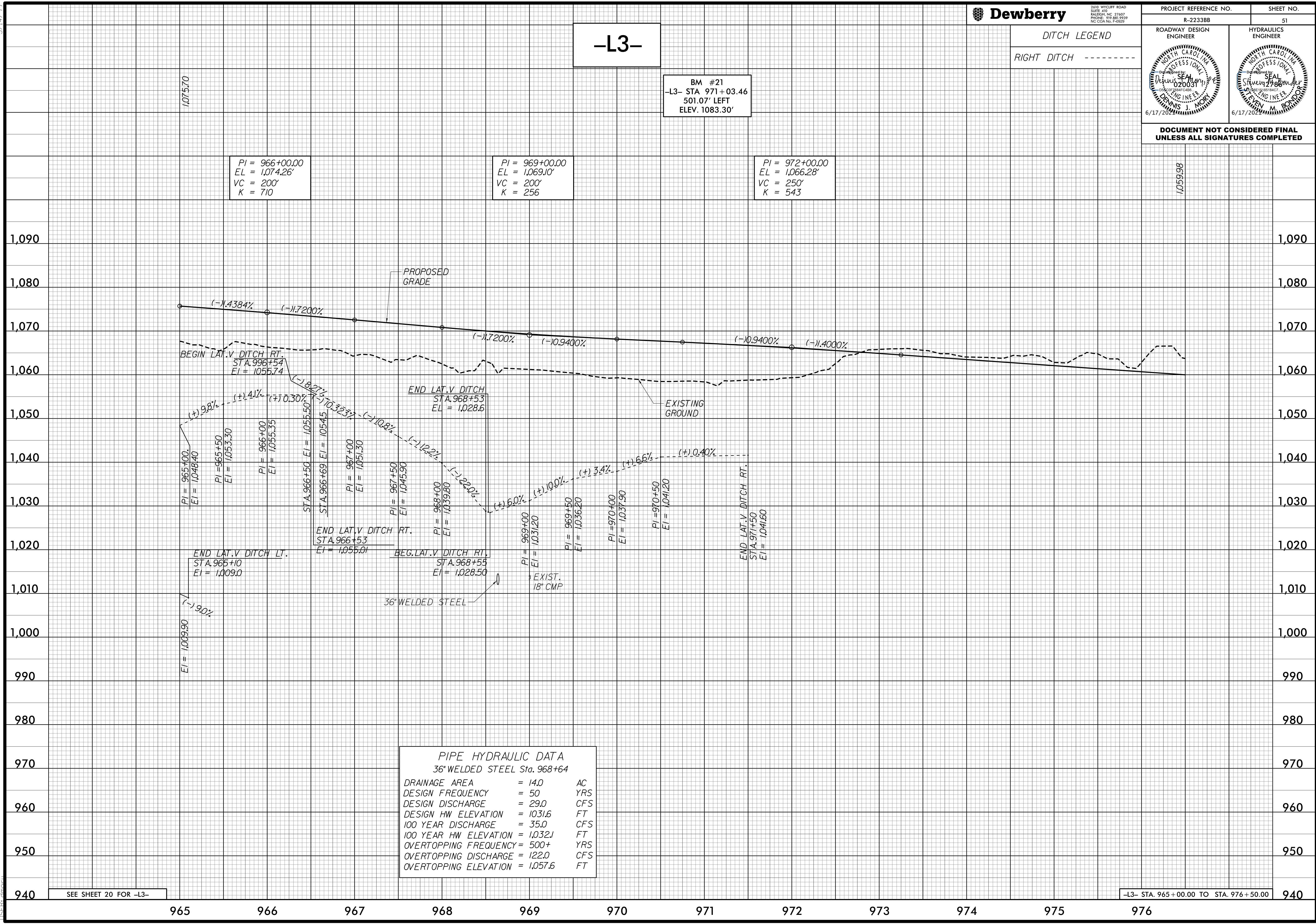
-L3-

BM #21
-L3- STA 971+03.46
501.07' LEFT
ELEV. 1083.30'

PI = 966+00.00
EL = 1,074.26'
VC = 200'
K = 710

PI = 969+00.00
EL = 1,069.10'
VC = 200'
K = 256

PI = 972+00.00
EL = 1,066.28'
VC = 250'
K = 543



PIPE HYDRAULIC DATA
36" WELDED STEEL Sta. 968+64

DRAINAGE AREA	= 14.0	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 29.0	CFS
DESIGN HW ELEVATION	= 1031.6	FT
100 YEAR DISCHARGE	= 35.0	CFS
100 YEAR HW ELEVATION	= 1032.1	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 122.0	CFS
OVERTOPPING ELEVATION	= 1,057.6	FT

SEE SHEET 20 FOR -L3-

-L3- STA. 965+00.00 TO STA. 976+50.00

6/16/2019 9:52:10 AM
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11:55:40 AM