

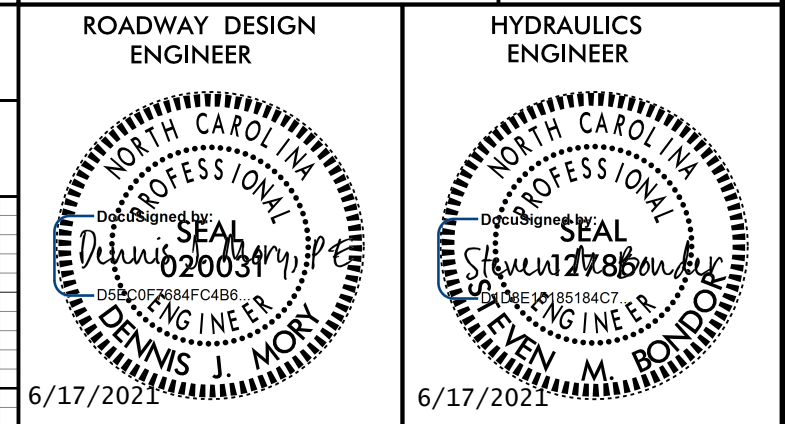
5/14/99



2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27601
PHONE: 919.881.9299
NC COA No. F-0929

PROJECT REFERENCE NO. R-2233BB
SHEET NO. 44

DITCH LEGEND
RIGHT DITCH - - - - -

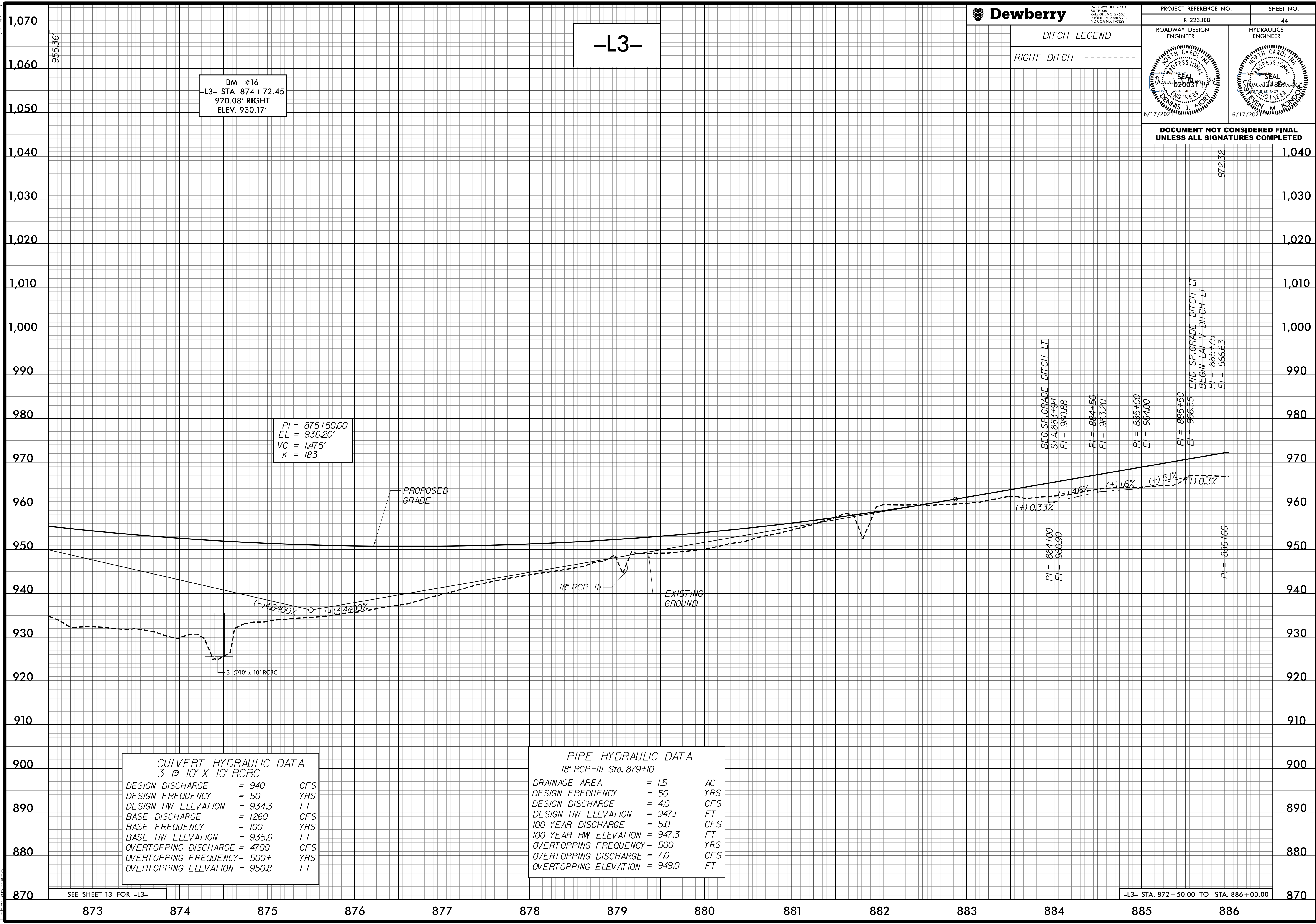


DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

-L3-

BM #16
-L3- STA 874 + 72.45
920.08' RIGHT
ELEV. 930.17'

PI = 875+50.00
EL = 936.20'
VC = 1,475'
K = 183



CULVERT HYDRAULIC DATA
3 @ 10' x 10' RCBC

DESIGN DISCHARGE	= 940	CFS
DESIGN FREQUENCY	= 50	YRS
DESIGN HW ELEVATION	= 934.3	FT
BASE DISCHARGE	= 1260	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 935.6	FT
OVERTOPPING DISCHARGE	= 4700	CFS
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING ELEVATION	= 950.8	FT

PIPE HYDRAULIC DATA
18" RCP-III Sta. 879+10

DRAINAGE AREA	= 1.5	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 4.0	CFS
DESIGN HW ELEVATION	= 947.1	FT
100 YEAR DISCHARGE	= 5.0	CFS
100 YEAR HW ELEVATION	= 947.3	FT
OVERTOPPING FREQUENCY	= 500	YRS
OVERTOPPING DISCHARGE	= 7.0	CFS
OVERTOPPING ELEVATION	= 949.0	FT

SEE SHEET 13 FOR -L3-

-L3- STA. 872 + 50.00 TO STA. 886 + 00.00

4/24/2020 4:45:16 PM
R-2233BB_P01_PFL44.DGN
D:\Projects\2020\4233\4233_PFL44.DGN