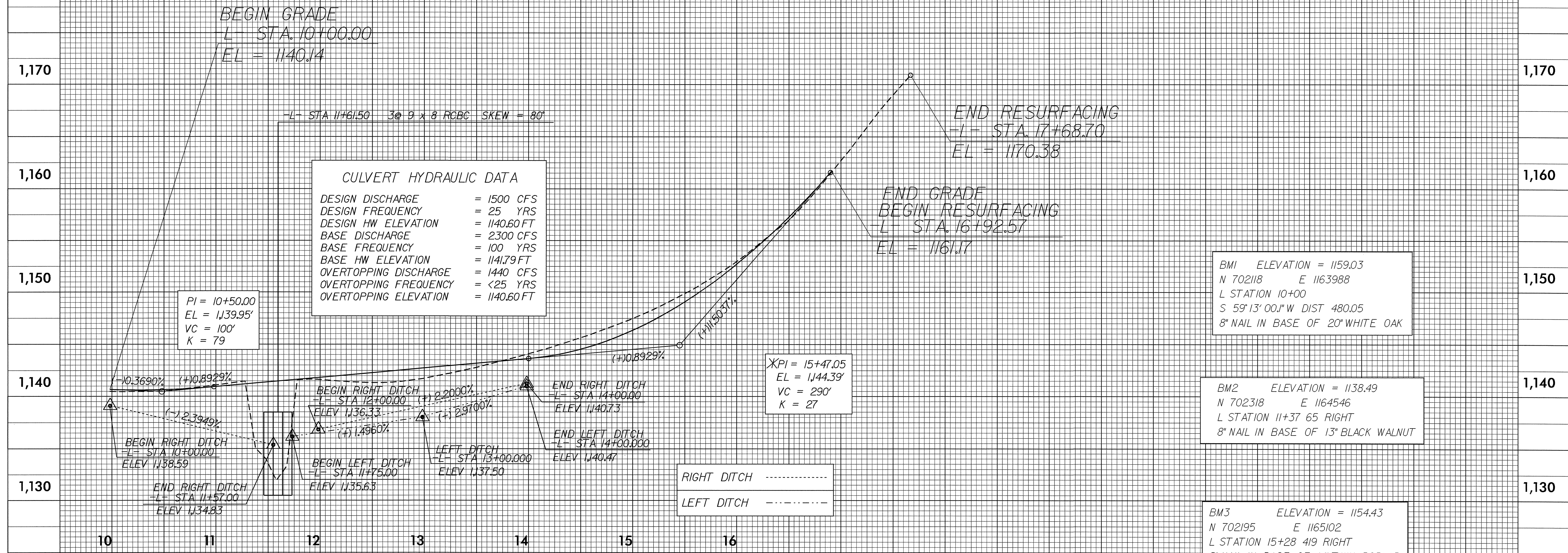


5/14/99



CULVERT HYDRAULIC DATA	
DESIGN DISCHARGE	= 1500 CFS
DESIGN FREQUENCY	= 25 YRS
DESIGN HW ELEVATION	= 1140.60 FT
BASE DISCHARGE	= 2300 CFS
BASE FREQUENCY	= 100 YRS
BASE HW ELEVATION	= 1141.79 FT
OVERTOPPING DISCHARGE	= 1440 CFS
OVERTOPPING FREQUENCY	= <25 YRS
OVERTOPPING ELEVATION	= 1140.60 FT

PI = 10+50.00
EL = 1139.95'
VC = 100'
K = 79

XPI = 15+47.05
EL = 1144.39'
VC = 290'
K = 27

BM1 ELEVATION = 1159.03
N 702118 E 1163988
L STATION 10+00
S 59°13'00"W DIST 480.05
8" NAIL IN BASE OF 20" WHITE OAK

BM2 ELEVATION = 1138.49
N 702318 E 1164546
L STATION 11+37.65 RIGHT
8" NAIL IN BASE OF 13" BLACK WALNUT

BM3 ELEVATION = 1154.43
N 702195 E 1165102
L STATION 15+28.419 RIGHT
8" NAIL IN BASE OF 14" TWIN POPLAR

* DESIGN EXCEPTION REQUIRED FOR SAG VERTICAL CURVE K FACTOR AND, STOPPING SIGHT DISTANCE.

SEE SHEET 4 FOR -L- DESIGN

03-AUG-2005 17:05
C:\Roadway\Burlington\copy of b4040_rdy_pfl.dgn
\$\$\$\$\$USERNAME\$\$\$\$\$