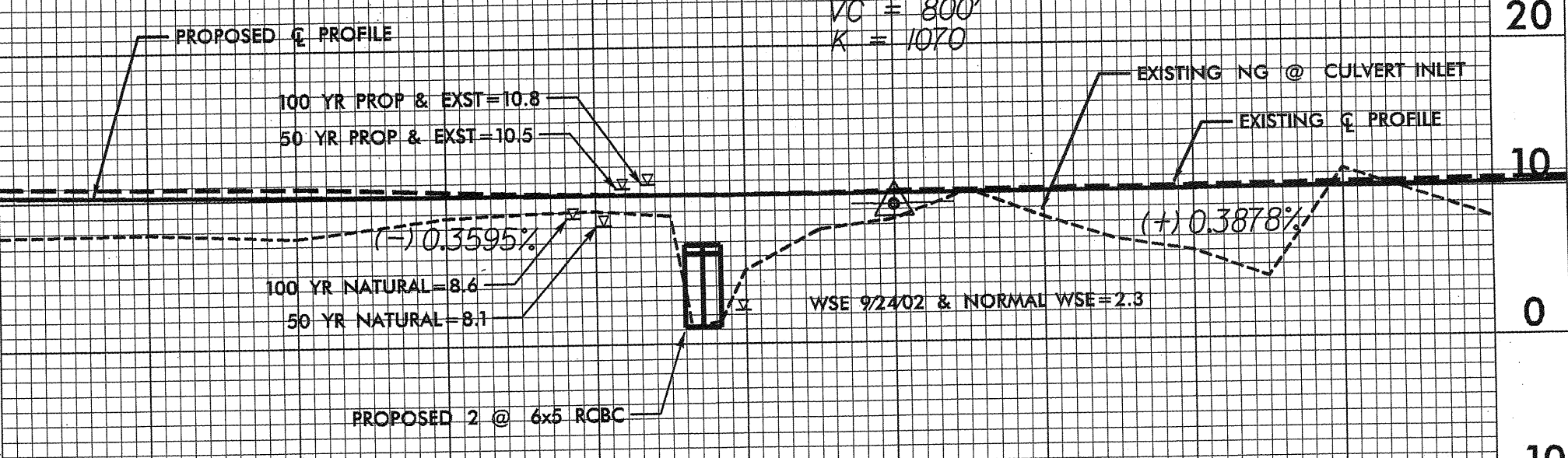


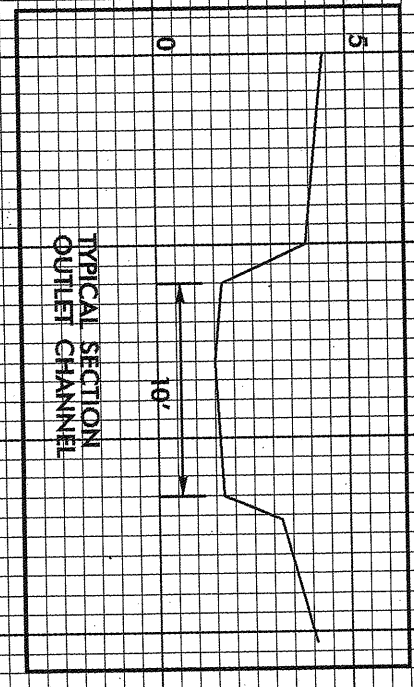
$PI = 110+00.00$   
 $EL = 9.30'$   
 $VC = 800'$   
 $K = 1070$



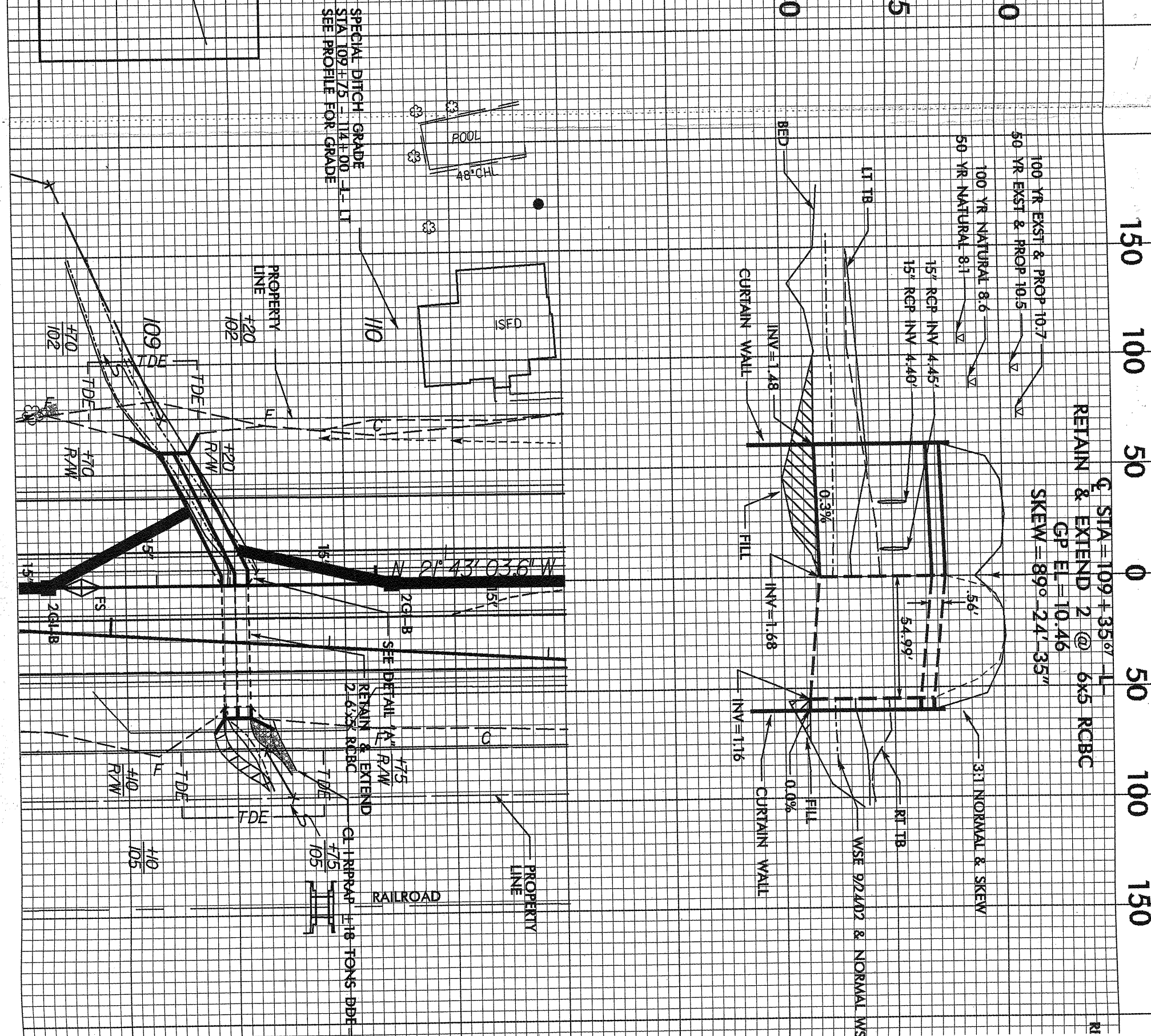
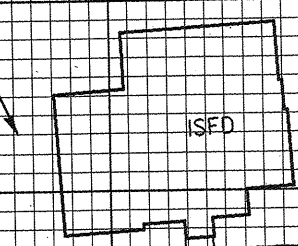
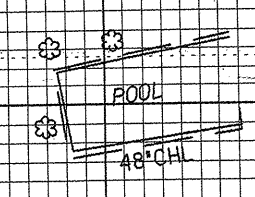
100 YR PROP & EXST = 10.8  
 50 YR PROP & EXST = 10.5  
 100 YR NATURAL = 8.6  
 50 YR NATURAL = 8.1

EXISTING NG @ CULVERT INLET  
 EXISTING  $\bar{c}$  PROFILE  
 WSE 9.2402 & NORMAL WSE = 2.3

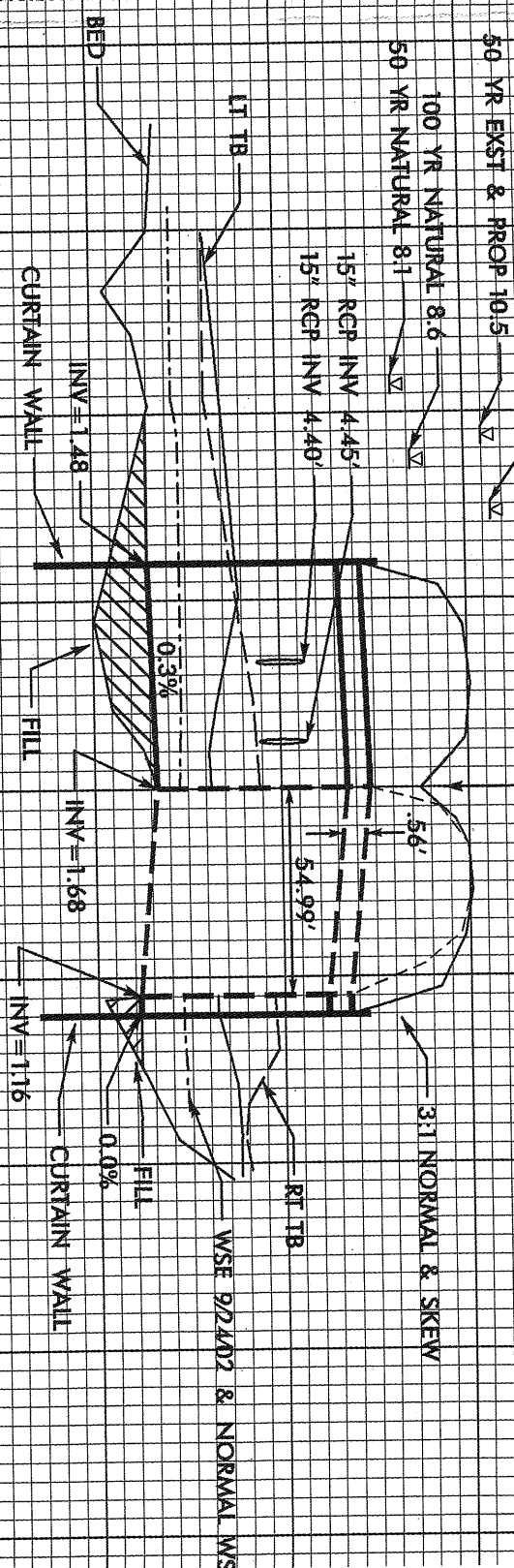
PROPOSED 2 @ 6x5 RCBC



SPECIAL DITCH GRADE  
 STA 109+75 - 114+00  
 SEE PROFILE FOR GRADE



$\bar{c}$  STA = 109+35.6' - 110+00.0'  
 RETAIN & EXTEND 2 @ 6x5 RCBC  
 $GP EL = 10.46$   
 $SKEW = 89^\circ - 24' - 35''$

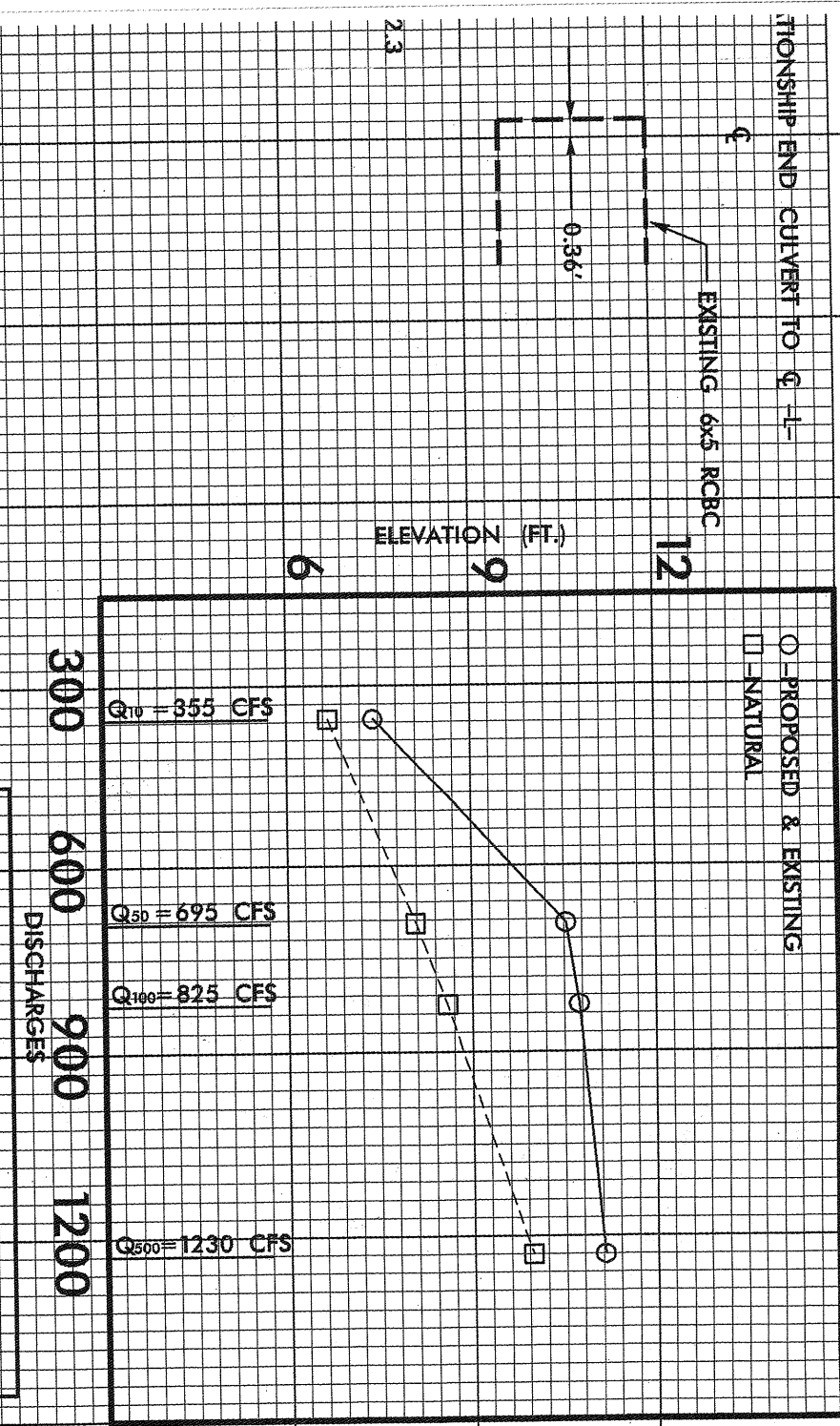


100 YR NATURAL 8.6  
 50 YR NATURAL 8.1  
 15' RCP INV 4.45'  
 15' RCP INV 4.40'

100 YR EXST & PROP 10.7  
 50 YR EXST & PROP 10.5

RI

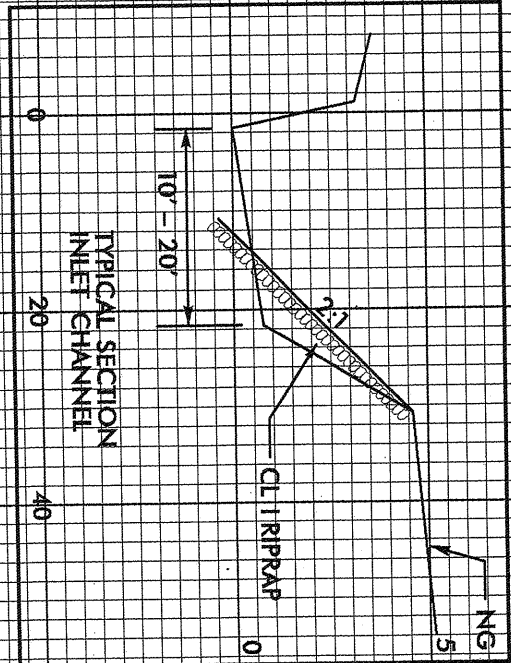
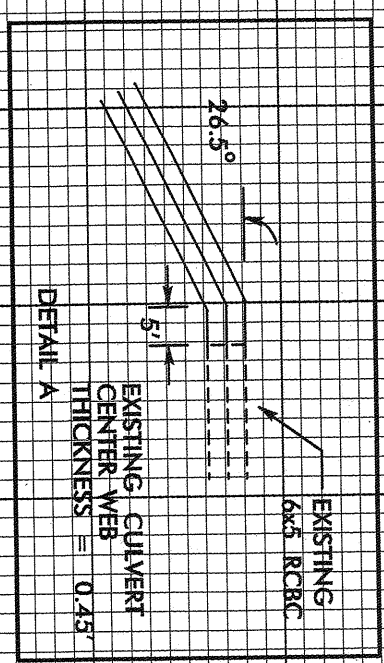
PERFORMANCE CURVE



TOWNSHIP END CULVERT TO  $\bar{c}$  - L-  
 EXISTING 6x5 RCBC

ELEVATION (FT.)

DISCHARGES



MILLING OF EXISTING PAVEMENT  
 STA 107+50 - 111+50

BRD MATL = SILT SAND

