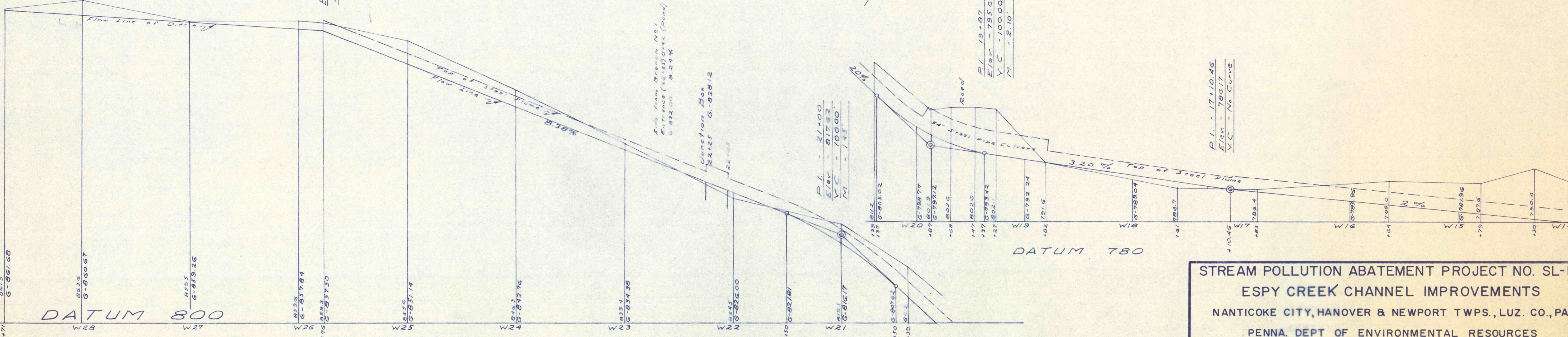
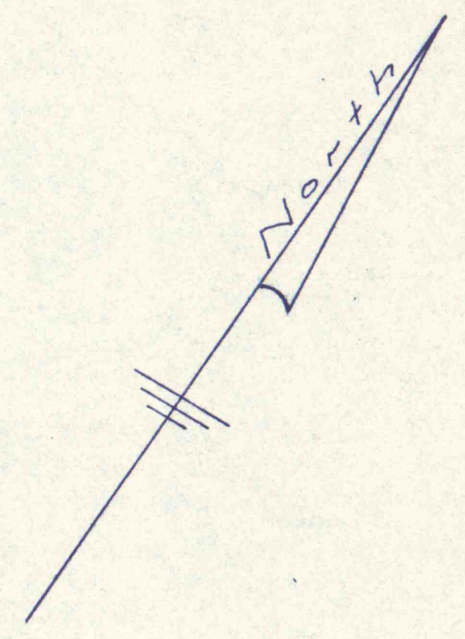


Curve No. 8
 $\Delta - 30^{\circ}30'$
 $Rad - 200'$
 $Tan - 54.53'$
 $L - 106.46'$



WEST BRANCH - SCALE: HOR. 1"=50' VERT 1"=10'

STREAM POLLUTION ABATEMENT PROJECT NO. SL-168
 ESPY CREEK CHANNEL IMPROVEMENTS
 NANTICOKE CITY, HANOVER & NEWPORT TWPS., LUZ. CO., PA.
 PENNA. DEPT OF ENVIRONMENTAL RESOURCES
 SCALE: As noted
 Drawing No 7