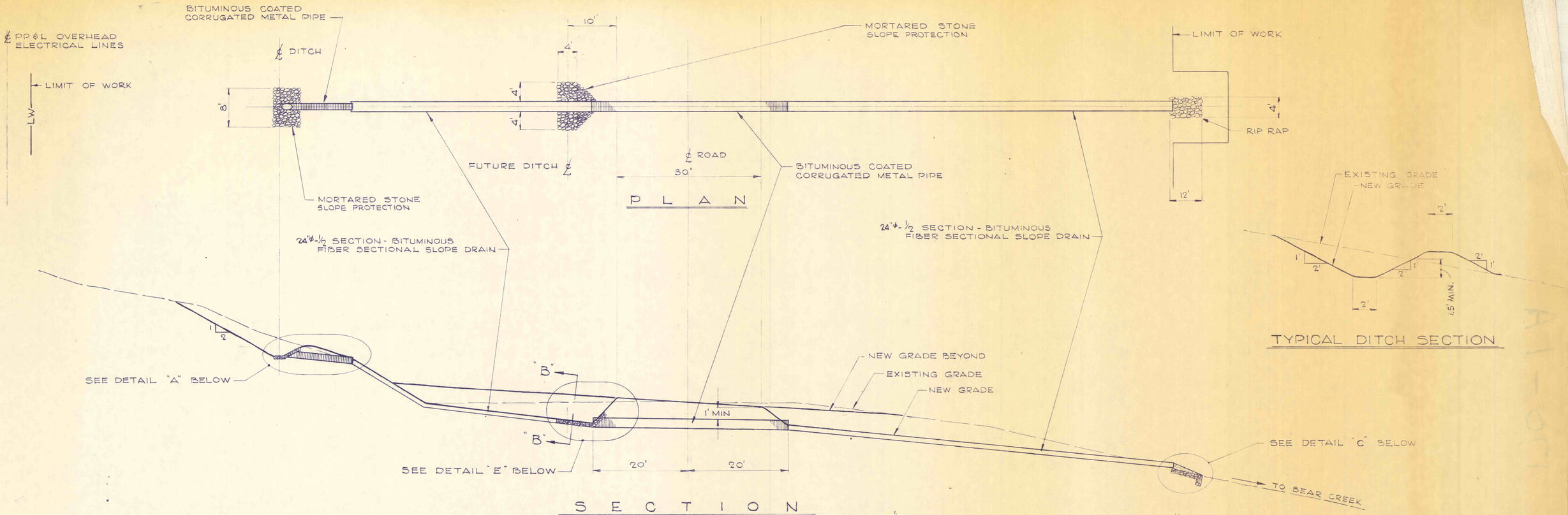
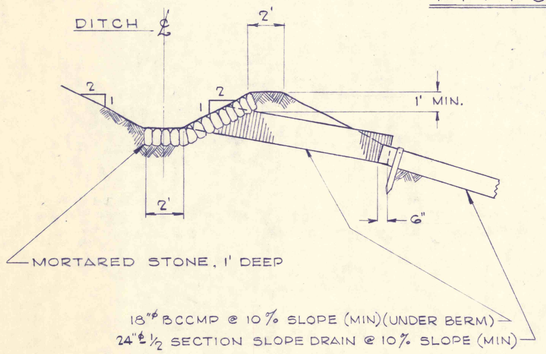


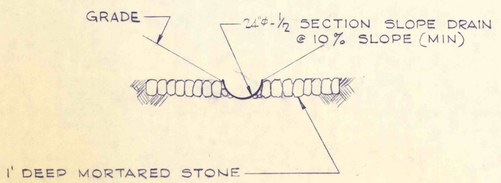
TYPICAL PLAN & SECTION AT DRAINAGE STRUCTURE

SCALE : 1" = 10' HORIZ , 1" = 10' VERT

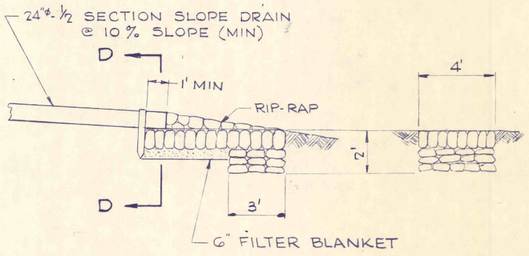
NOTE : SEE DRAWING NO. 1 THRU 5 FOR LOCATIONS, SIZES & SLOPES.
SECTION & DETAILS IS FOR STA 422 + 50, OTHER STATIONS TYPICAL.



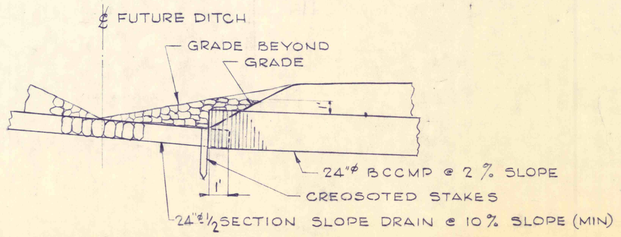
DETAIL "A"



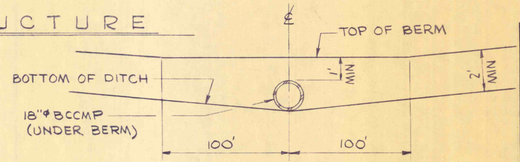
SECTION B-B



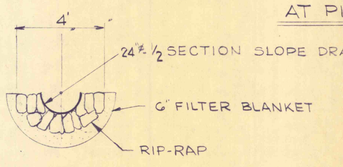
DETAIL "C"



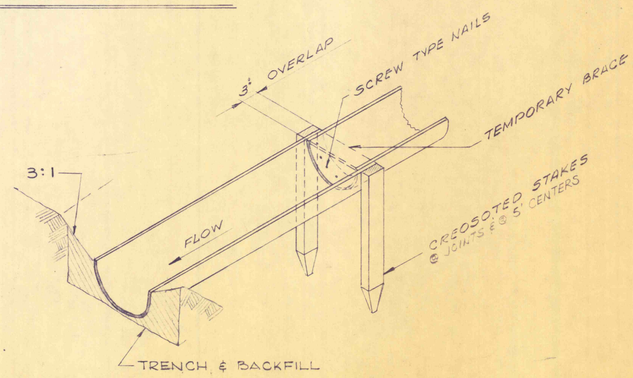
DETAIL "E"



TYPICAL LONGITUDINAL DITCH SECTION AT PIPE UNDER BERM



SECTION D-D



INSTALLATION OF HALF SECTION BITUMINIZED FIBER DRAIN

NO.	DATE	REVISION	APPR

SUBMITTED Thomas Richard Babacz
PROFESSIONAL

APPROVED
CHIEF - DIVISION OF MINE DRAINAGE REHABILITATION

APPROVED
DIRECTOR - BUREAU OF CONSULTING SERVICES

REGISTERED PROFESSIONAL THOMAS RICHARD BABACZ LANCASTER No. 13644-E PENNSYLVANIA

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
OFFICE OF ENGINEERING AND CONSTRUCTION

PROJECT NO. SL 170-1A

STRIP MINE RECLAMATION
QUICK START PROJECT "D"
STATE GAME LAND NO. 264
WICONISCO CREEK WATERSHED
DAUPHIN COUNTY, PENNA.

SANDERS AND THOMAS, INC.
CONSULTING ENGINEERS
EXECUTIVE OFFICES: POTTSTOWN, PENNSYLVANIA
BRANCH OFFICES: PHILADELPHIA, PA. - LONG ISLAND, N.Y. - MIAMI, FLA. PITTSBURGH, PA. - BALTIMORE, MD. - LONG BEACH, CALIF. - WASHINGTON D.C.

DRAINAGE DE

DRAWN BY	DATE	DRAWING NO.
D.A.R.	DEC 5, 1972	7
CHECKED BY	SCALE	
T.B	AS NOTED	