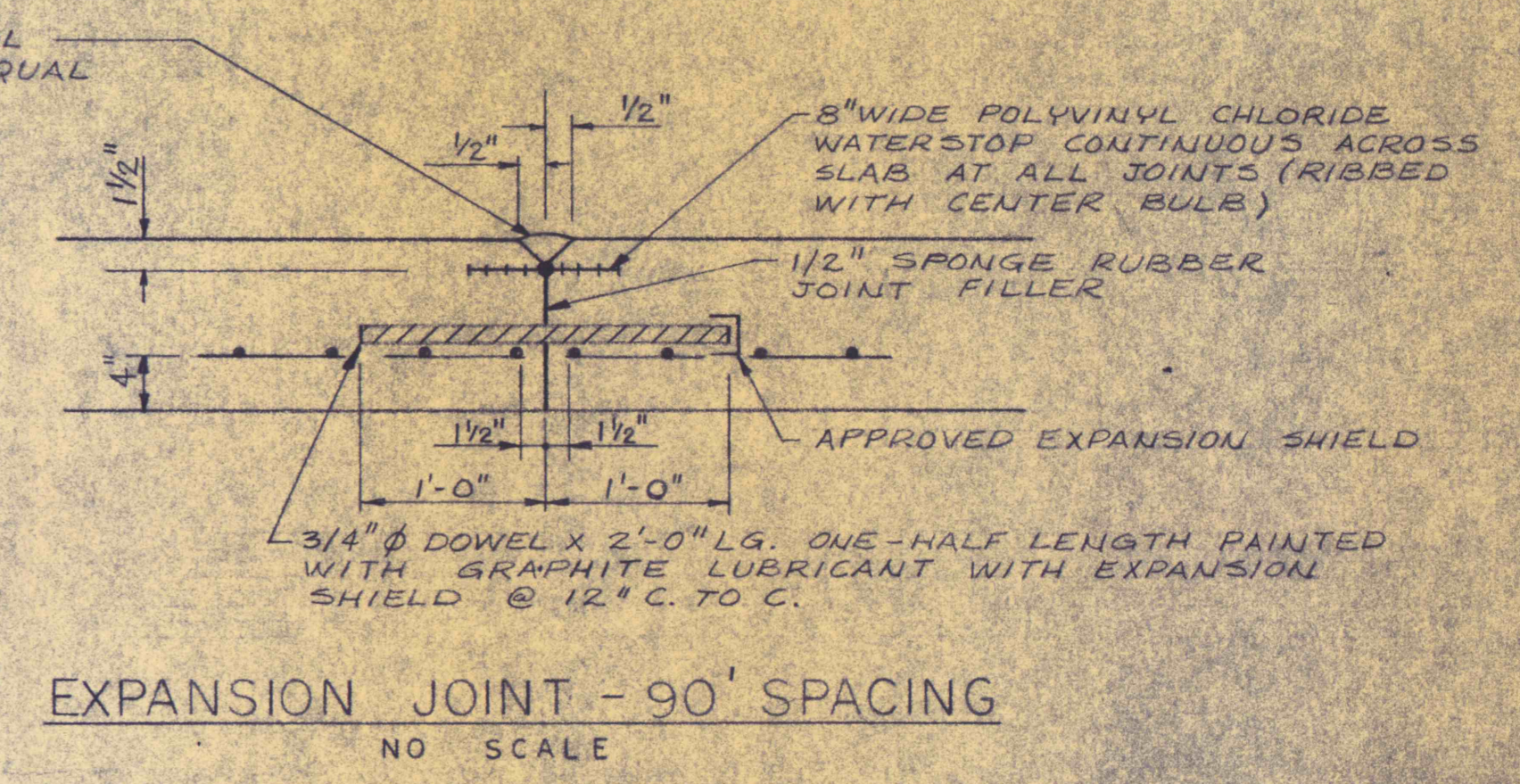
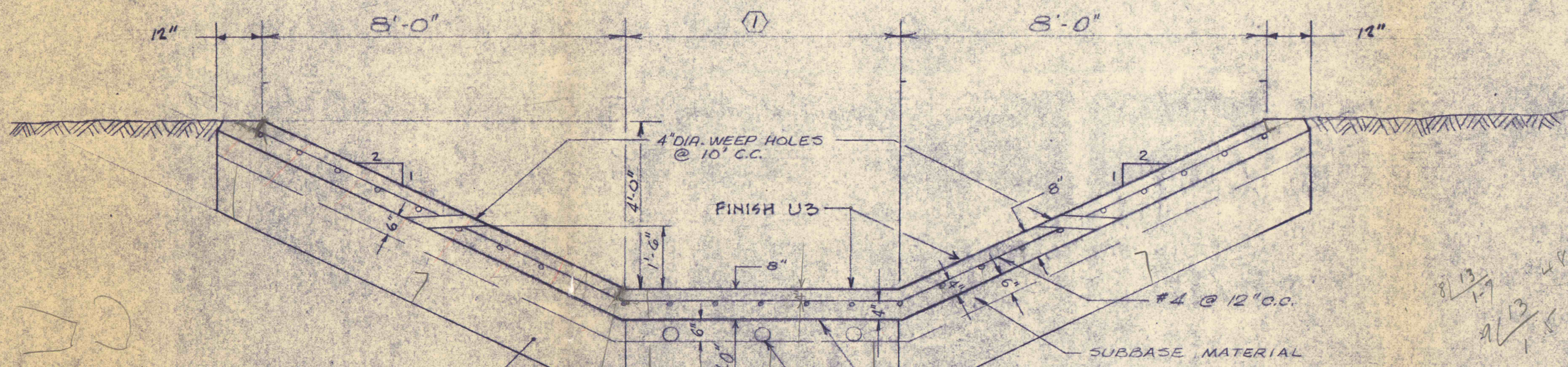


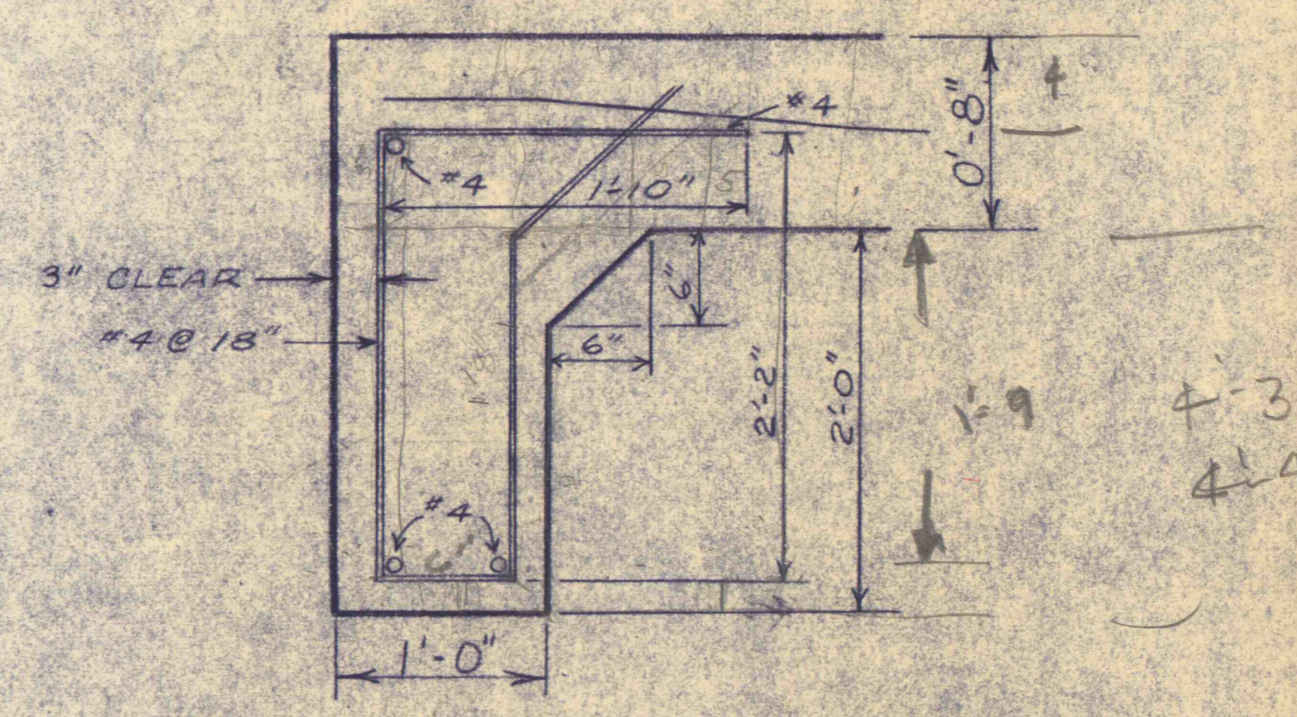
CHANNEL PROFILE
 SCALE : HOR. 1" = 50'-0"
 VERT. 1" = 10'-0"



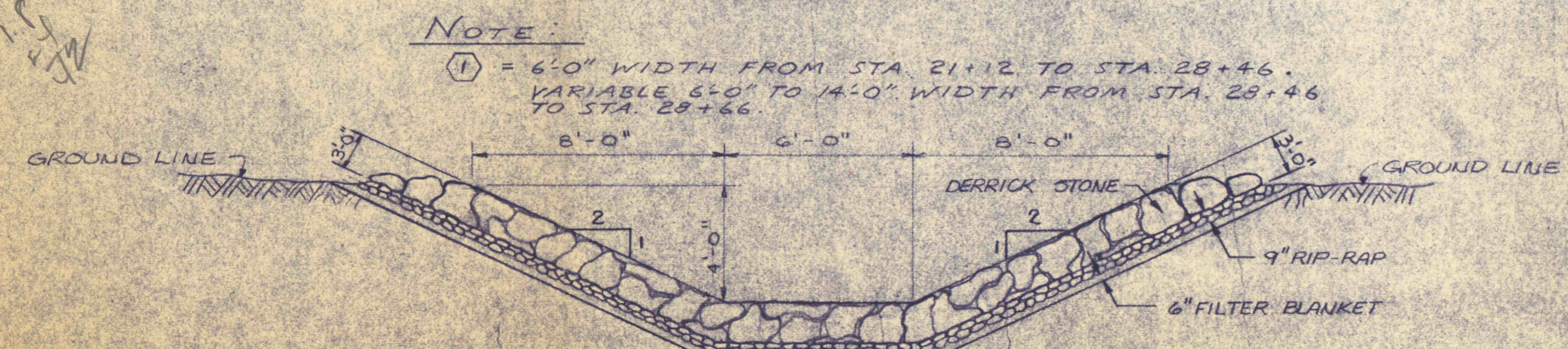
EXPANSION JOINT - 90' SPACING
 NO SCALE



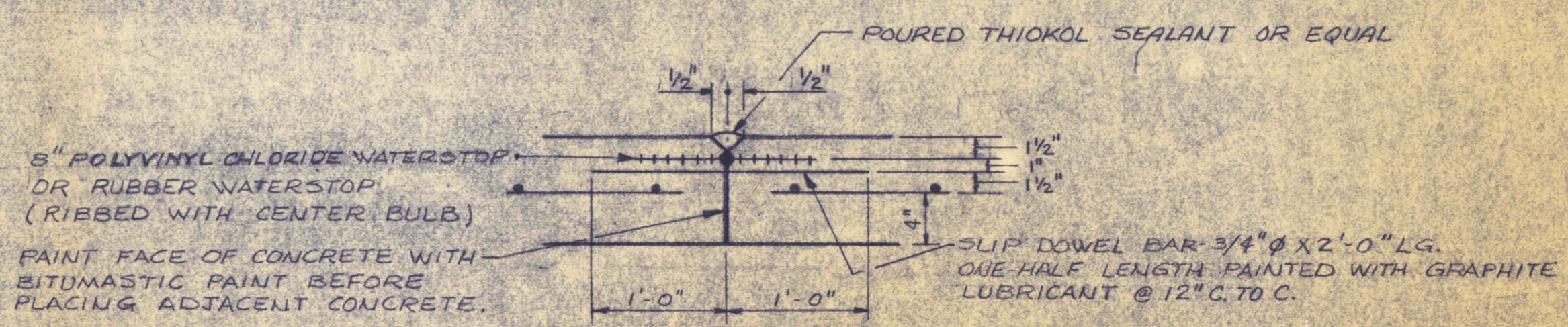
REINFORCED CONCRETE CHANNEL TYPICAL SECTION
 SCALE : 1" = 2'-0"



CUT-OFF WALL DETAIL
 NO SCALE



TYPICAL SECTION - OUTLET
 STA. 20+62 TO STA. 21+12
 NO SCALE



CONTRACTION JOINT - 30' SPACING
 NO SCALE

NO	DATE	REVISION	APPR
SUBMITTED		<i>James P. Cowley</i> PROFESSIONAL	
APPROVED		<i>Robert A. Roman</i> CHIEF - DIVISION OF MINE RECLAMATION	
APPROVED		<i>Stephen</i> DIRECTOR - BUREAU OF DESIGN	
COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES OFFICE OF RESOURCES MANAGEMENT			
PROJECT NO. SL 126-1-5			
MINE DRAINAGE POLLUTION ABATEMENT SWATARA CREEK WATERSHED UPPER SWATARA CREEK & POLLY'S RUN REILLY TWP. SCHUYLKILL CO., PA.			
NICHOLAS-COWLEY-BROSCH ASS'N., INC. 3300 NORTH THIRD STREET HARRISBURG, PENNSYLVANIA 17110			
UPPER SWATARA CREEK PROFILE & SECTION			
DRAWN BY	DATE	DRAWING NO.	
BEN	Jan. 11, 1974	7 of 9	
CHECKED BY	SCALE		
HPC	As shown		