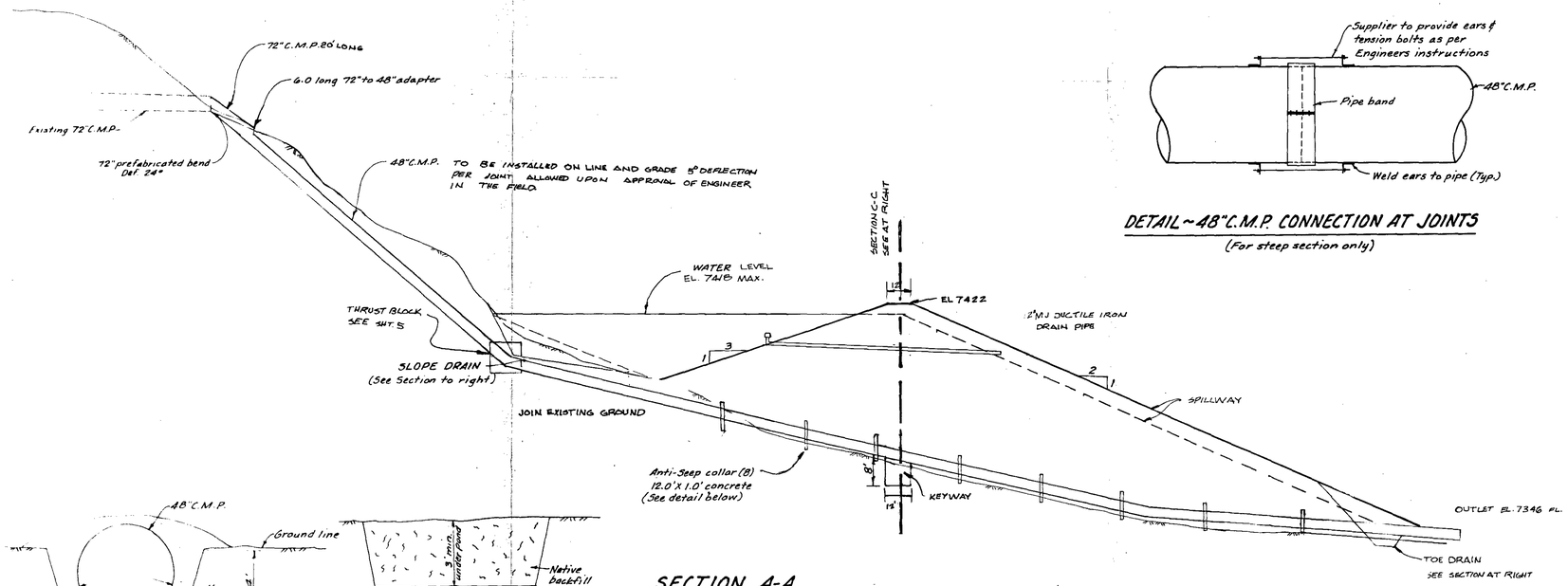
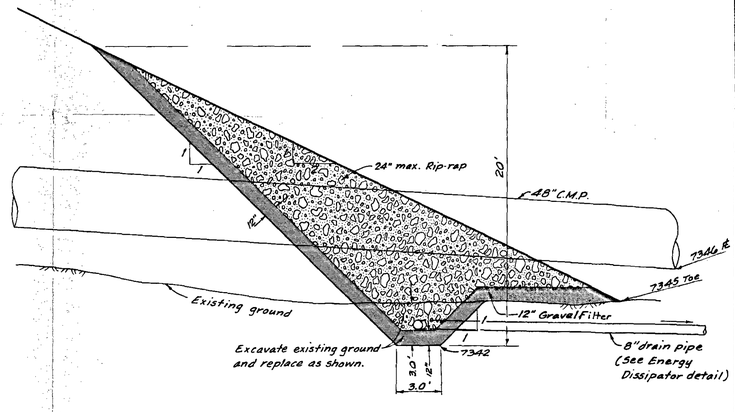


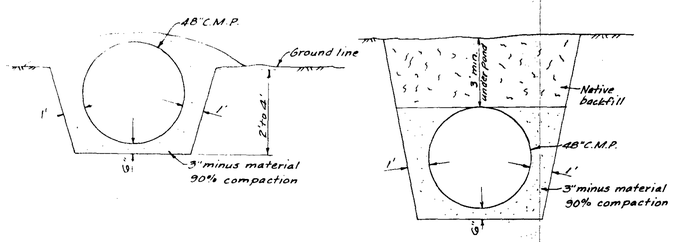
SECTION A-A

Scale: 1"=30'



DETAIL ~ 48"C.M.P. CONNECTION AT JOINTS

(For steep section only)



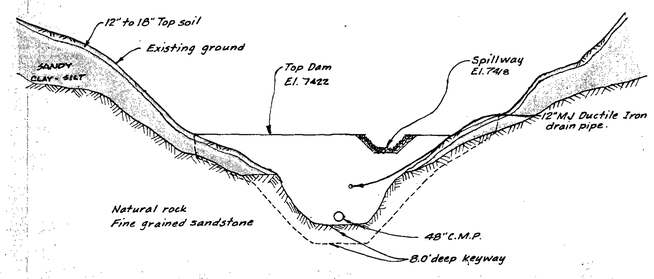
STEEP SECTION

UNDER POND SECTION

48"C.M.P. BEDDING DETAILS

TOE DRAIN SECTION

Scale: 1"=5'



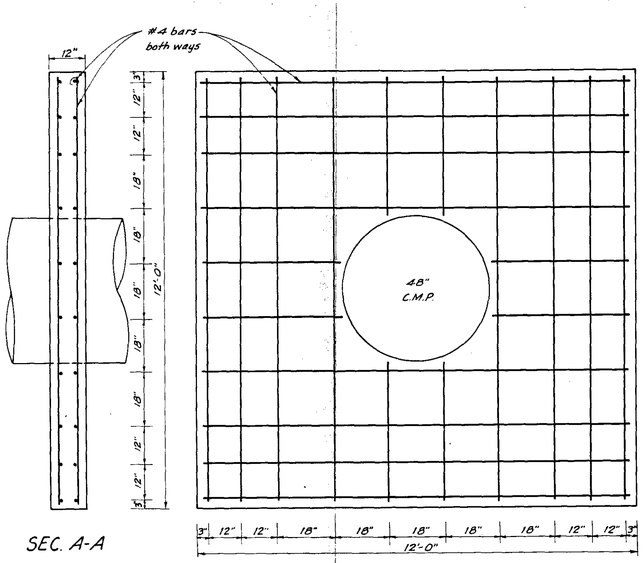
SECTION C-C

Scale: 1"=30'

SOIL PROFILE

SOILS INFORMATION

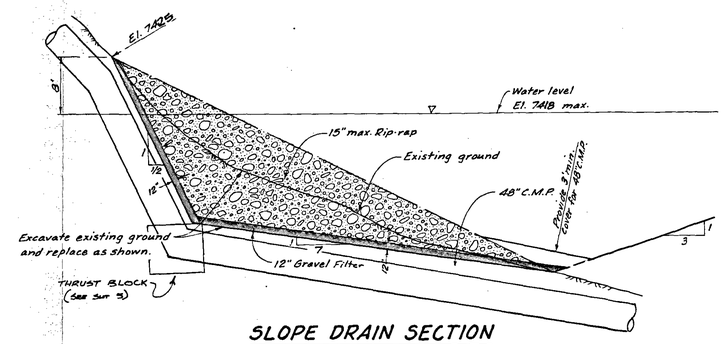
1. EXISTING SOIL STRUCTURE CROSS SECTION IS SHOWN ON SECTION C-C THIS SHEET. FINAL DESIGN OF KEYWAY, GROUTING OF ABUTMENTS ETC. WILL BE MADE AFTER EXCAVATION ON ABUTMENTS ETC. INCLUDING REMOVAL OF TOPSOIL, TREES, BRUSH, AND ALL OTHER UNDESIRABLE MATERIALS IS COMPLETE.
2. MATERIAL FOR CONSTRUCTION OF THE DAM WILL BE A HOMOGENEOUS SANDY CLAY FROM ONSITE LOCATIONS WHICH HAVE BEEN PREVIOUSLY DISTURBED OR WILL BE DISTURBED DURING CONSTRUCTION OF THE DAM. THIS MATERIAL IS A TYPE SC AND SF SOIL WITH LOW PERMEABILITY AND GOOD GRADATION FOR STABILITY (20% < .05 MM 30% > .02 MM).
3. SHEAR ANGLE IS APPROXIMATLY 35 DEGREES. ADDITIONAL SHEAR, OPTIMUM COMPACTION TESTS ETC. TO BE RUN PRIOR TO CONSTRUCTION.



SEC. A-A

48" PIPE ANTI-SEEP COLLAR DETAIL

Scale: 1"=2'-0"



SLOPE DRAIN SECTION

Scale: 1"=10'

REVISIONS 1. 2. 3. 4. 5. 6.	PROJECT NO. 60000702	DESIGNED MGC	
	DATE MAY 15, 1980	DRAWN BJ	
	SCALE 1"=30'	APPROVED	

VALLEY ENGINEERING, INC.
CIVIL AND ENVIRONMENTAL ENGINEERING
LAND PLANNING AND SITE DESIGN
LAND SURVEYING
LOGAN, UTAH RICHFIELD, UTAH VERNAL, UTAH

SOUTHERN UTAH FUEL CO.
SALINA, UTAH

PROPOSED SEDIMENTATION POND
SECTIONS & DETAILS

SHEET 4 SHEETS

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