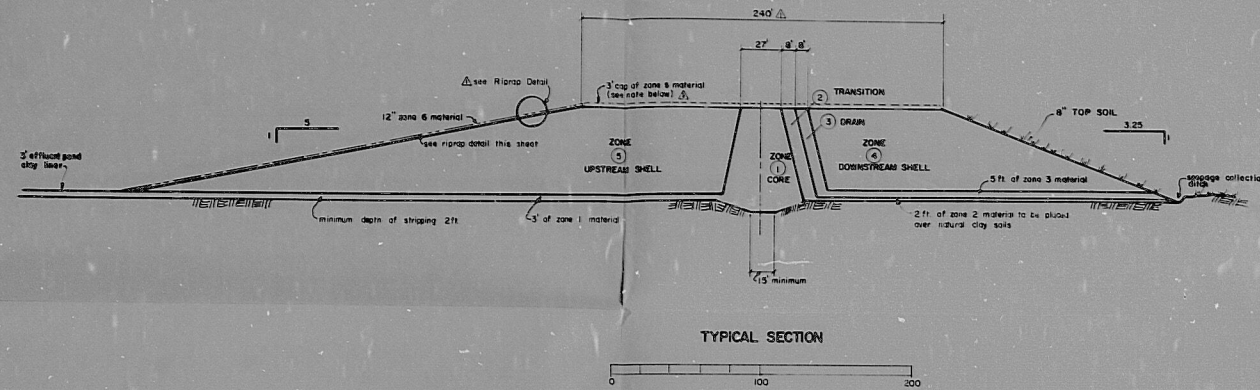
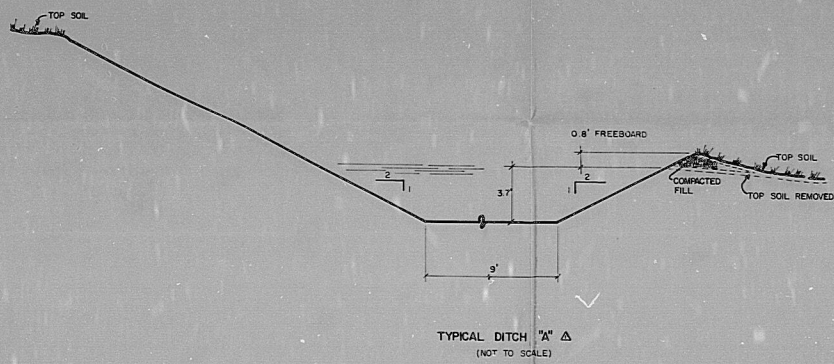
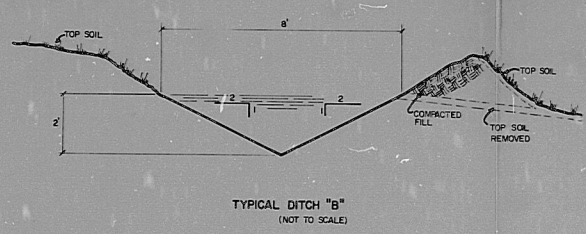
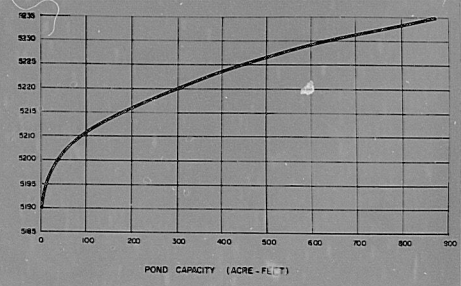
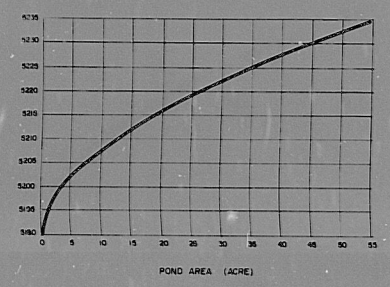
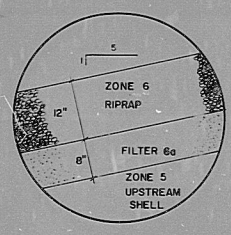
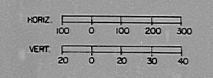
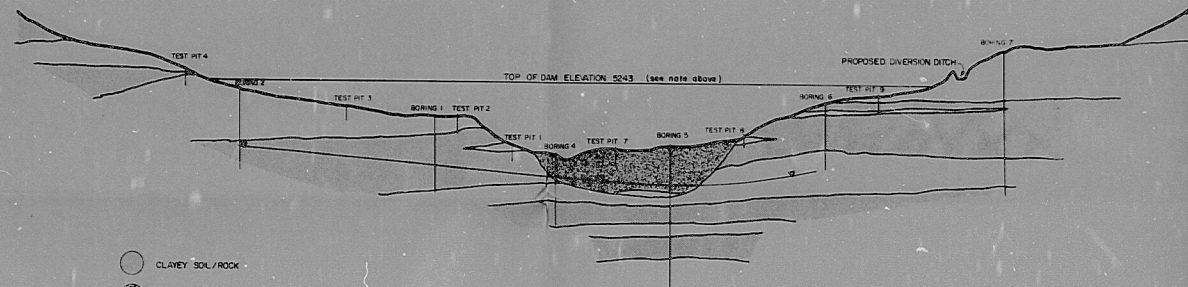




NOTE: TOP OF DAM ELEVATION 5243 INCLUDES A 3 FT. CAP OF ZONE 1 MATERIAL



MATERIAL SPECIFICATIONS		PLACEMENT CRITERIA	
1. Core and liner shall consist of silty clay or sandy clay, meeting the following gradations:		Core shall be placed in lifts not exceeding 6 inches in loose thickness, placed and compacted to a density as determined by the ASTM Method of Compaction, in place contact shall be maintained between lifts and 5% greater than optimum dry compaction.	
2. Transition shall consist of silty clay meeting the following gradations:		Transition shall be placed in lifts not exceeding 6 inches in loose thickness and compacted to a density as determined by the ASTM Method of Compaction.	
3. Drain shall consist of sand, meeting the following gradations:		Same as for Zone 2.	
4. Downstream shell shall consist of sand, meeting the following gradations:		Same as for Zone 2.	
5. Upstream shell shall consist of sand, meeting the following gradations:		Same as for Zone 2.	
6. Filter material on the upstream shell shall consist of clean, well-sorted sandstone from nearby open pit excavations.		Minus 2 inch material from crushing riprap to be placed in a filter layer on upstream shell. Riprap to be dumped in 12 inch layer.	
7. Sand and rock out shall be less than 5% by weight, of the total riprap material.			
8. The percentage of this size material shall not exceed an amount which will fill the voids in larger rock.			
9. Riprap shall be placed in lifts not exceeding 6 inches in loose thickness and compacted to a density as determined by the ASTM Method of Compaction.			

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ANSTEC APERTURE CARD

REVIEWED BY	DATE	REVISION	OPTION "L" Δ
C.E.W.	6-13-72	ADDED RIPRAP DETAIL B	UNITED NUCLEAR CORPORATION
C.H.L.	6-13-72	CHANGED TOP OF DAM DIMENSION FROM 5243 TO 5245	CASPER, WYOMING 82501
N.C.S.	6-13-72	ADDED 3' CAP TO TOP OF DAM	CONCEPTUAL DRAWING FOR EFFLUENT STORAGE POND DATA & CROSS SECTIONS
J.R.B.		MODIFIED DITCH A	CONVERSE COUNTY, WYOMING
A.W.S.		MODIFIED DITCH B	SCALE: 1" = 20' HORIZ. 1" = 10' VERT.
			DWG. BY: R. L. LEE
			SHEET 2 OF 2
			200-00-35-72 0000-21-1201 E

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PDR RIDS

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