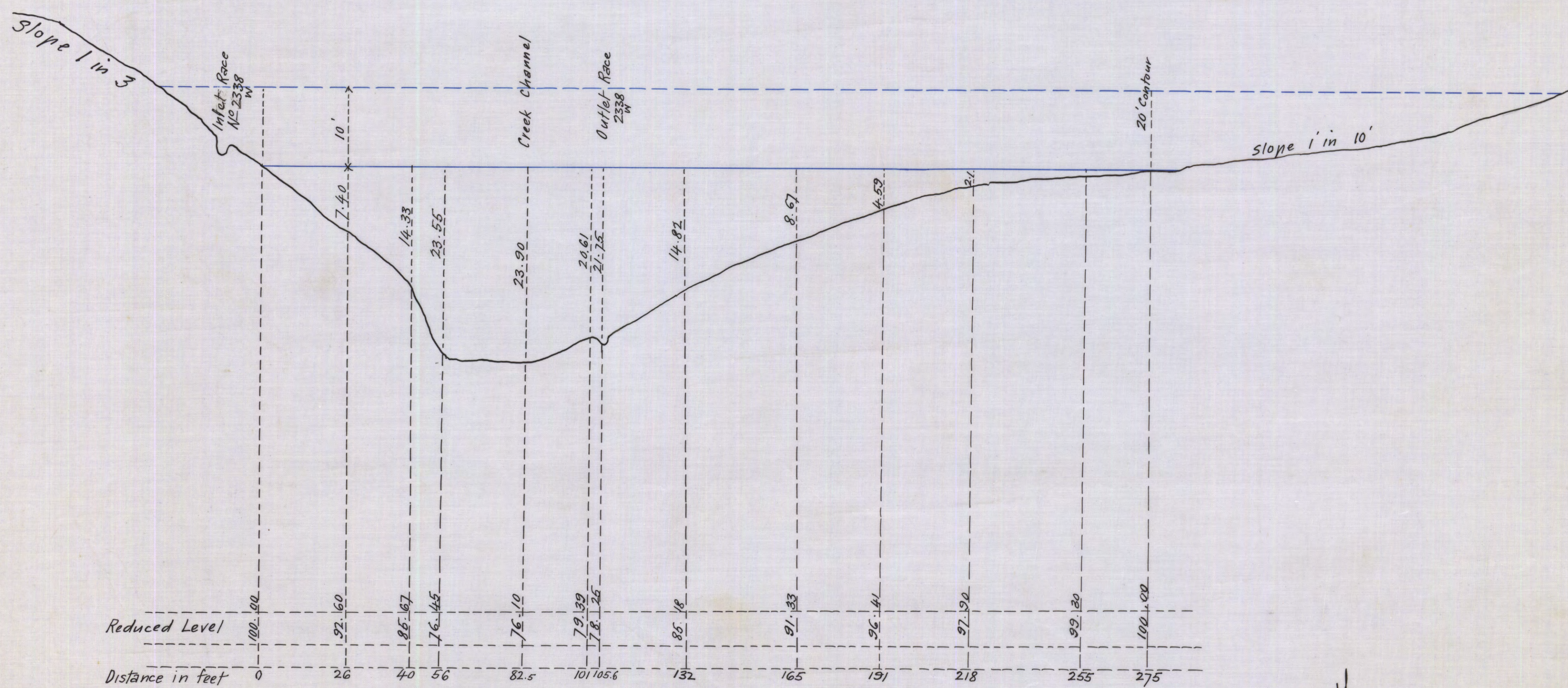
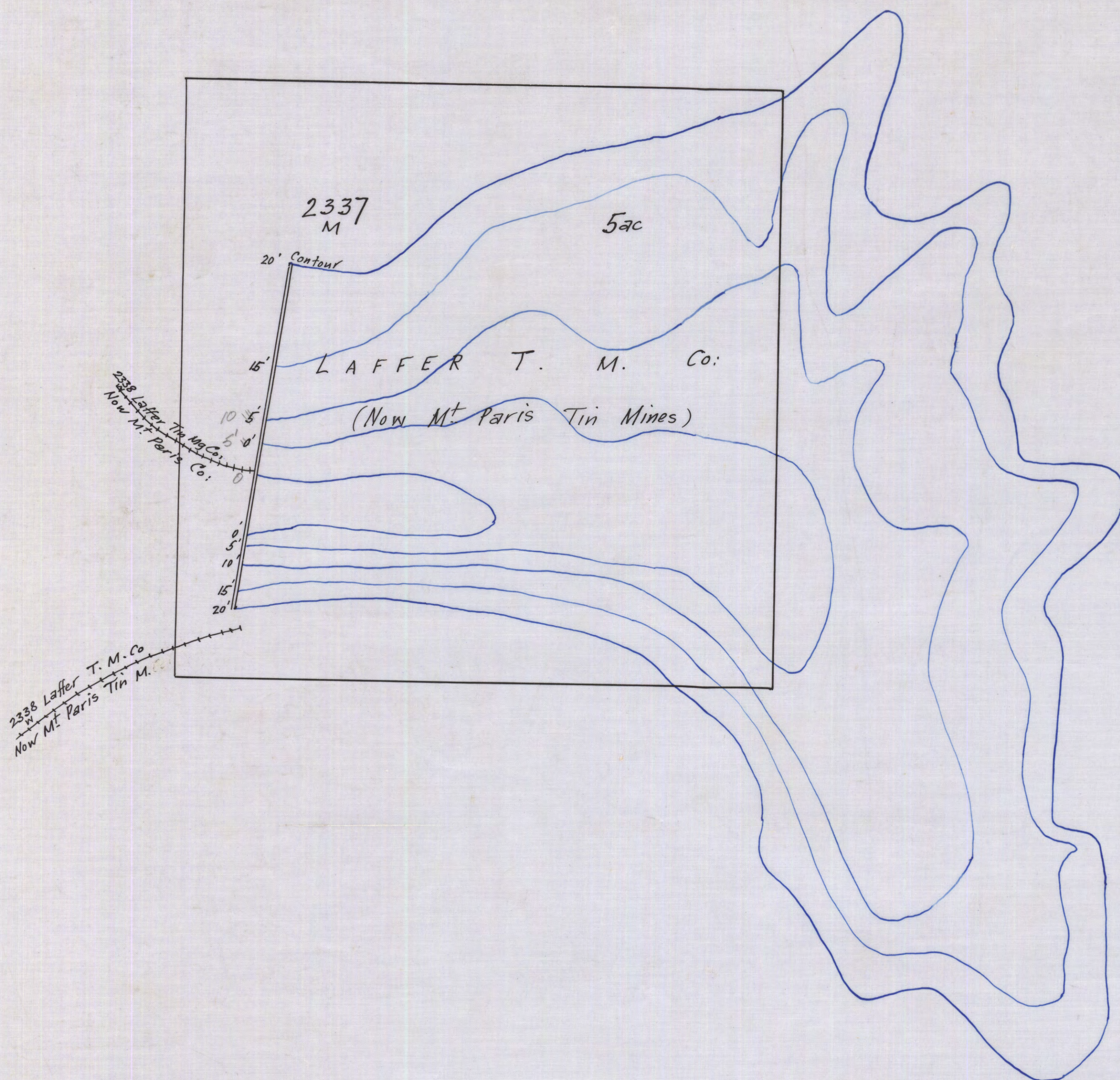


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PLAN OF DAM SITE Eastern Branch Cascade River

Scale 1 Chain to an Inch

Counters/above outlet face	Area in acres	R in 5 feet	Capacity in gallons	
20'	6.63	288.809	16.450.000	76 Sluice head days
15'	5.01	218.236	8.560.000	39½ "
10'	2.80	121.968	4.780.000	19¾ "
5'	1.09	47.480	1.860.000	7 "
0	.16	6.970		142 "



Depth of Water 20.6 feet above top of outlet race
23.9 " " Creek level

Soil decomposed granite with boulders outcropping in places
material suitable for embankment available on site

Area of natural catchment above dam site approx. 130 ac: carrying heavy green myrtle forest

5d. 1st Campbell Smith
26/4/39