

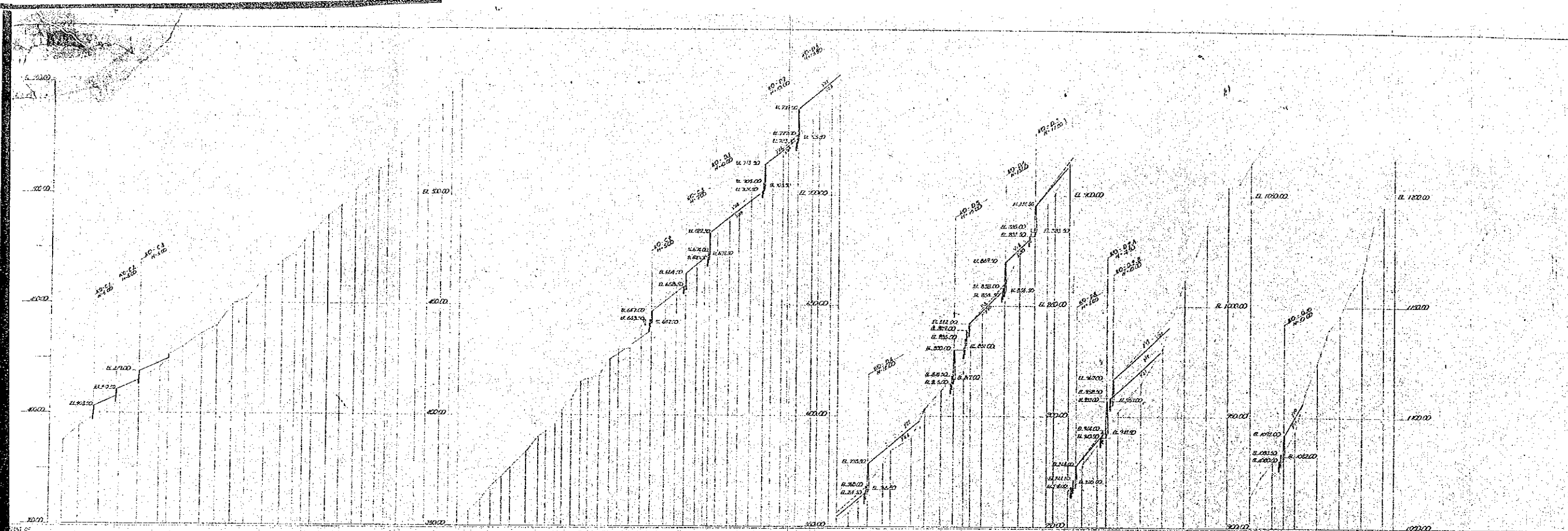
STATION	0+00	0+200	0+400	0+600	0+800	0+1000	0+1150	0+1200	0+1400	0+1500	0+1600	0+1800	0+2000	0+2200	0+2400	0+2600	0+2800	0+3000	0+3200	0+3400	0+3600	0+3800	0+4000	0+4200	0+4400	0+4600	0+4800	0+5000	
VERTICAL CURVE																													
GRADIENT (%)																													
VERTICAL CURVE DATA																													

STUDY FOR MAKING MASTER PLAN
FOR LAND EROSION
AND VOLCANIC DEBRIS CONTROL
IN THE AREA OF MT MERAPI

TITLE OF DRAWING
LONGITUDINAL PROFILE
K. KRASAK

SCALE VERTICAL = 1:500
HORIZONTAL = 1:1000

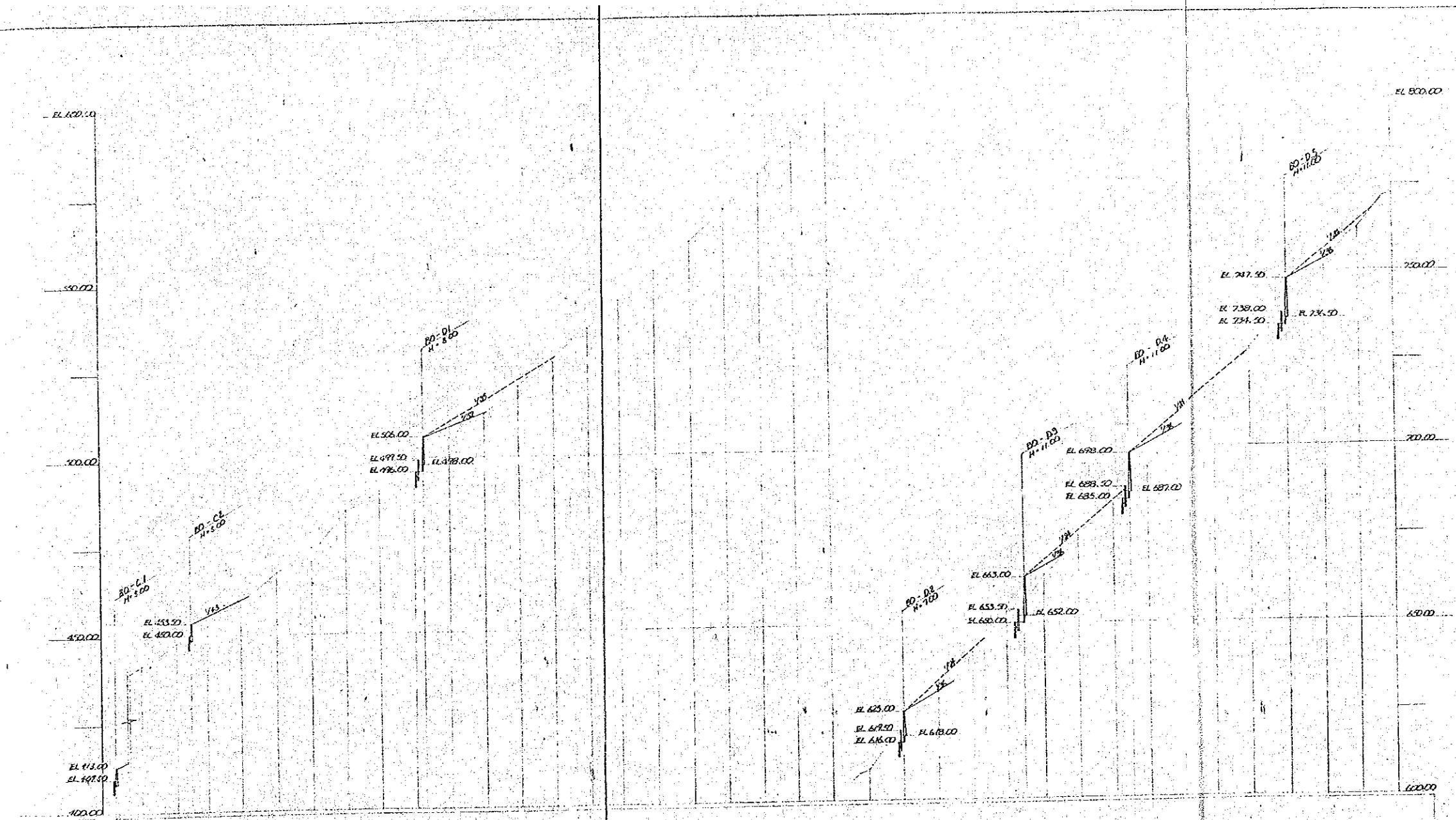
DRAWING NO. 05



STATION	ELEVATION	REMARKS
1	118.30	...
2	117.20	...
3	114.70	...
4	112.00	...
5	110.00	...
6	108.00	...
7	106.00	...
8	104.00	...
9	102.00	...
10	100.00	...
11	98.00	...
12	96.00	...
13	94.00	...
14	92.00	...
15	90.00	...
16	88.00	...
17	86.00	...
18	84.00	...
19	82.00	...
20	80.00	...
21	78.00	...
22	76.00	...
23	74.00	...
24	72.00	...
25	70.00	...
26	68.00	...
27	66.00	...
28	64.00	...
29	62.00	...
30	60.00	...
31	58.00	...
32	56.00	...
33	54.00	...
34	52.00	...
35	50.00	...
36	48.00	...
37	46.00	...
38	44.00	...
39	42.00	...
40	40.00	...
41	38.00	...
42	36.00	...
43	34.00	...
44	32.00	...
45	30.00	...
46	28.00	...
47	26.00	...
48	24.00	...
49	22.00	...
50	20.00	...
51	18.00	...
52	16.00	...
53	14.00	...
54	12.00	...
55	10.00	...
56	8.00	...
57	6.00	...
58	4.00	...
59	2.00	...
60	0.00	...

STUDY FOR MAKING MASTER PLAN
FOR LAND EROSION
AND VOLCANIC DEBRIS CONTROL
IN THE AREA OF THE MERRA
LENS/TOPICAL PROFILE
K. WORO
SCALE: 1:1000
DATE: 1965





STATION	DISTANCE	LOWEST RIVER BED HEIGHT	GRADIENT OF ORIGINAL RIVER BED	GRADIENT OF PROPOSED RIVER BED
P. 0	0	100.00		
P. 5	200	148.00	1/8%	1/8%
P. 10	400	187.00	1/8%	1/8%
P. 15	600	227.00	1/8%	1/8%
P. 20	800	267.00	1/8%	1/8%
P. 25	1000	307.00	1/8%	1/8%
P. 30	1200	347.00	1/8%	1/8%
P. 35	1400	387.00	1/8%	1/8%
P. 40	1600	427.00	1/8%	1/8%
P. 45	1800	467.00	1/8%	1/8%
P. 50	2000	507.00	1/8%	1/8%
P. 55	2200	547.00	1/8%	1/8%
P. 60	2400	587.00	1/8%	1/8%
P. 65	2600	627.00	1/8%	1/8%
P. 70	2800	667.00	1/8%	1/8%
P. 75	3000	707.00	1/8%	1/8%
P. 80	3200	747.00	1/8%	1/8%
P. 85	3400	787.00	1/8%	1/8%
P. 90	3600	827.00	1/8%	1/8%
P. 95	3800	867.00	1/8%	1/8%
P. 100	4000	907.00	1/8%	1/8%
P. 105	4200	947.00	1/8%	1/8%
P. 110	4400	987.00	1/8%	1/8%
P. 115	4600	1027.00	1/8%	1/8%
P. 120	4800	1067.00	1/8%	1/8%
P. 125	5000	1107.00	1/8%	1/8%
P. 130	5200	1147.00	1/8%	1/8%
P. 135	5400	1187.00	1/8%	1/8%
P. 140	5600	1227.00	1/8%	1/8%
P. 145	5800	1267.00	1/8%	1/8%
P. 150	6000	1307.00	1/8%	1/8%

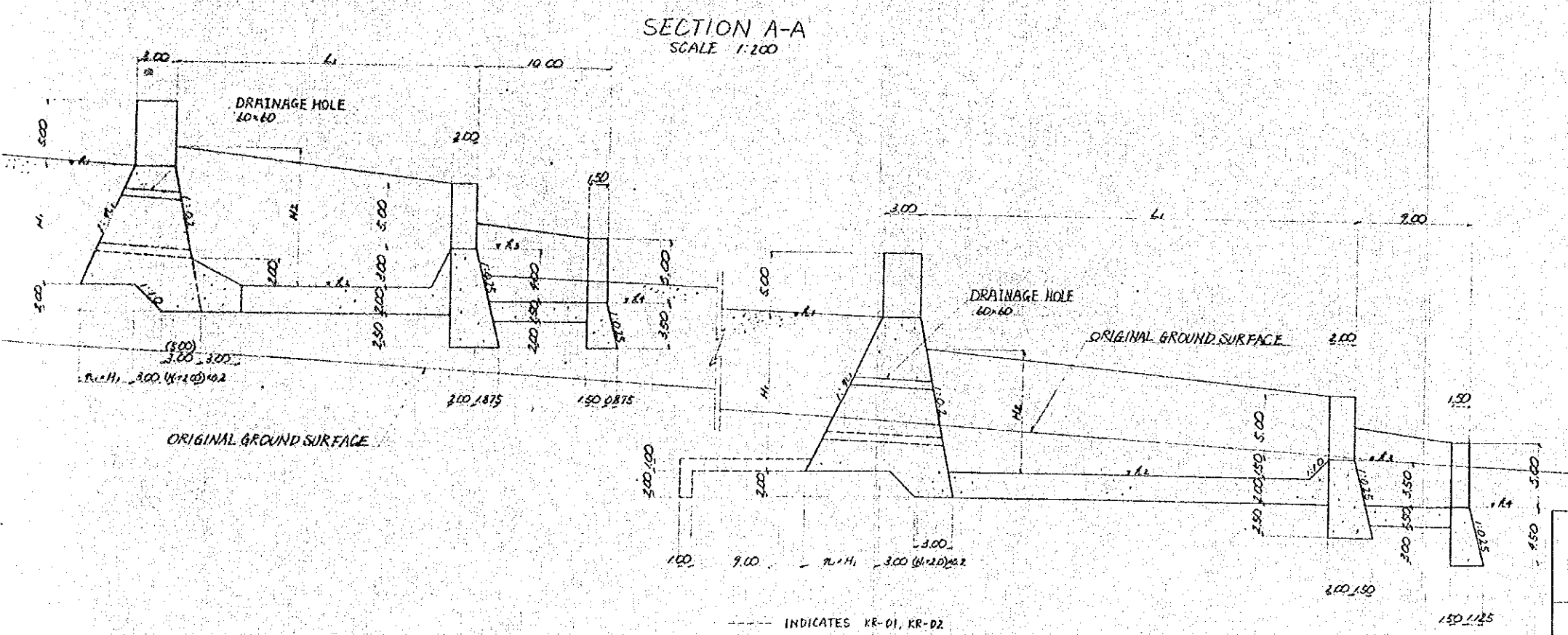
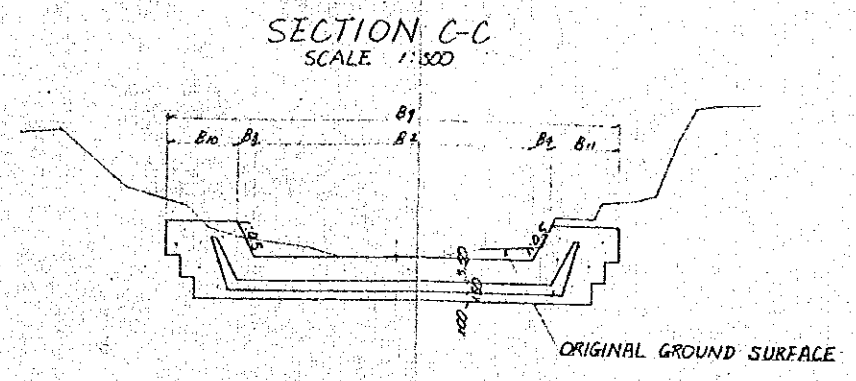
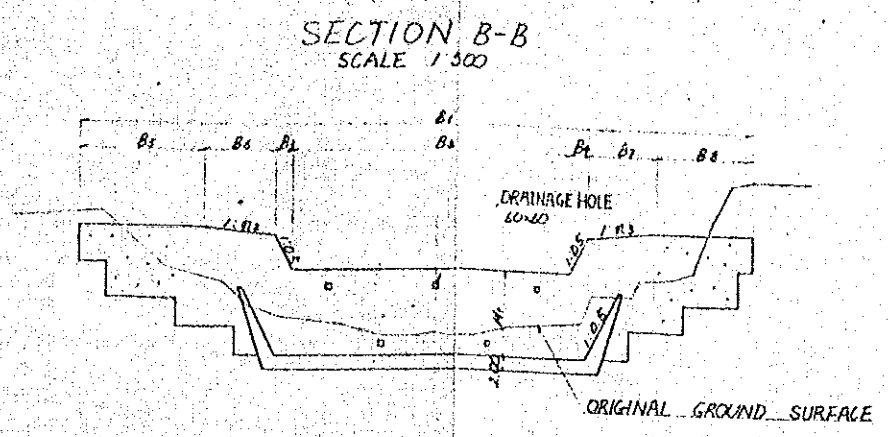
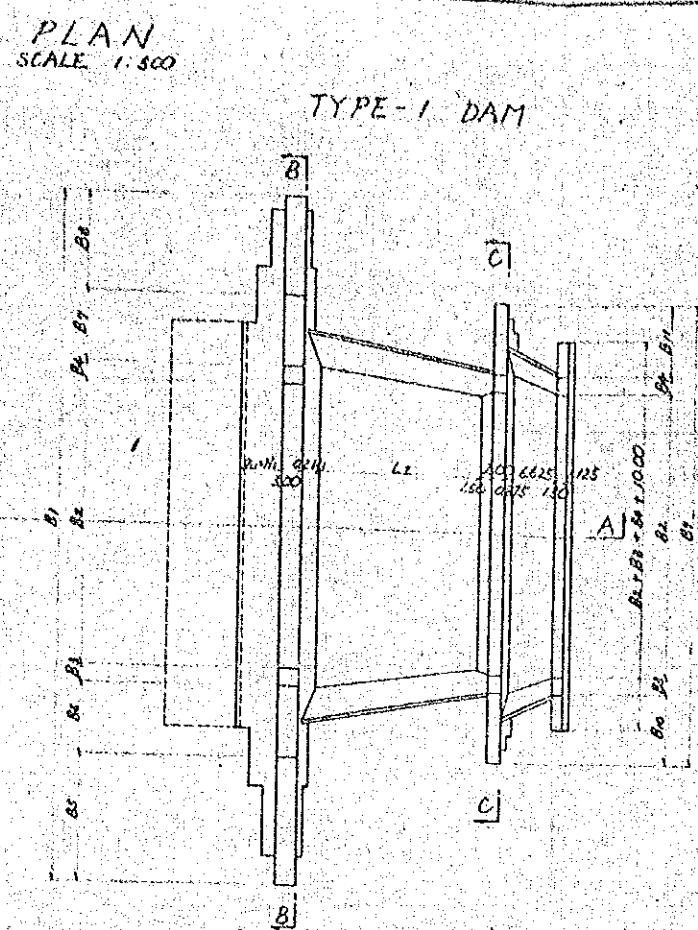
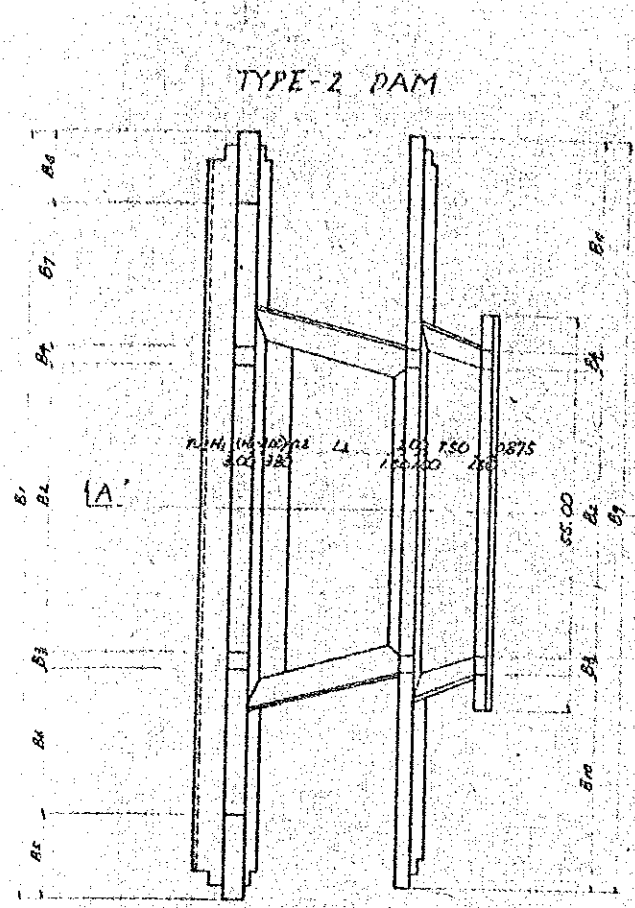
STUDY FOR MAKING MASTER PLAN
FOR LAND EROSION
AND VOLCANIC DEBRIS CONTROL
IN THE AREA OF MT. MERAPI

TITLE OF DRAWING
LONGITUDINAL PROFILE
K. BOYONG

SCALE VERTICAL = 1:500
HORIZONTAL = 1:10,000

07



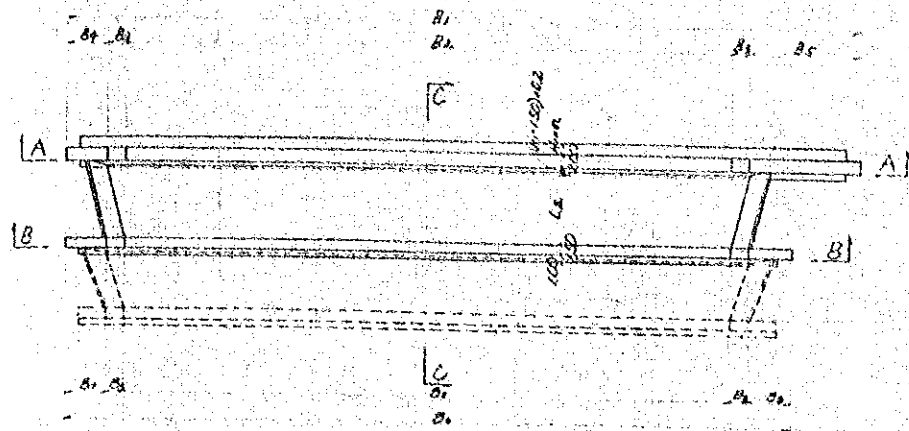


STUDY FOR MAKING MASTER PLAN FOR LAND EROSION AND VOLCANIC DEBRIS CONTROL IN THE AREA OF MT. MERAPI	
TITLE OF DRAWING	
STRUCTURAL DETAILS OF CHECK DAM	
SCALE 1:500, 1:200	DRAWING NO. 08

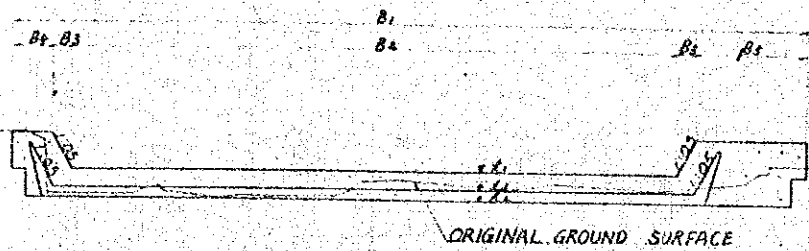


CONSOLIDATION WORK

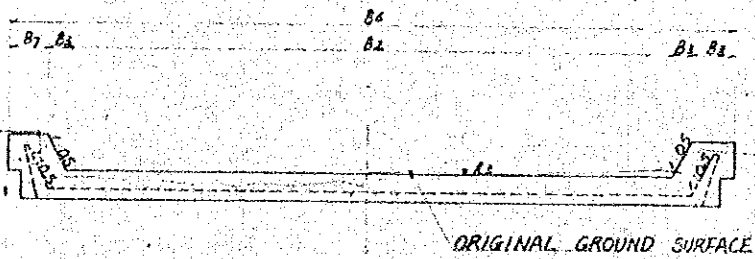
TYPE - 1
SCALE 1:500



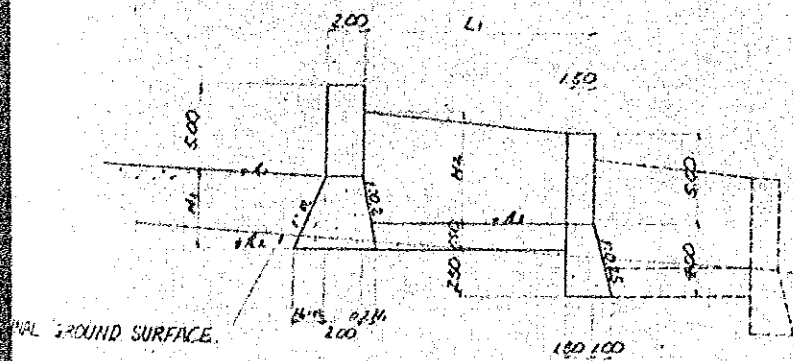
SECTION A-A
SCALE 1:500



SECTION B-B
SCALE 1:500

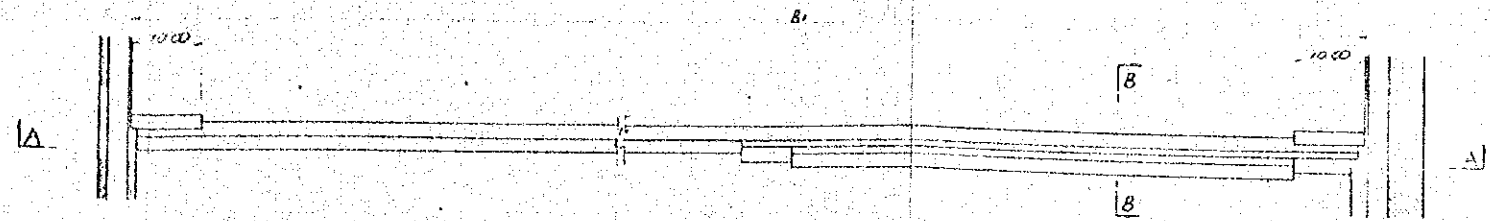


SECTION C-C
SCALE 1:500

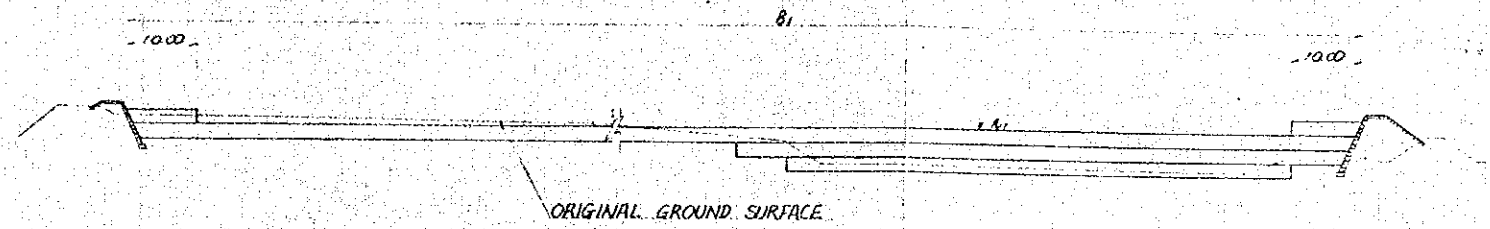


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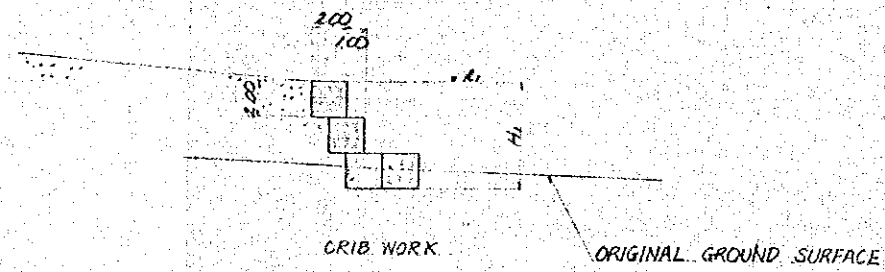
TYPE - 2
SCALE 1:500



SECTION A-A
SCALE 1:500



SECTION B-B
SCALE 1:200



STUDY FOR MAKING MASTER PLAN
FOR LAND EROSION
AND VOLCANIC DEBRIS CONTROL
IN THE AREA OF MT. MERAPI

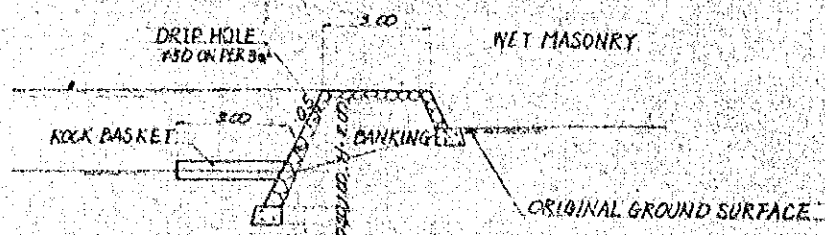
TITLE OF DRAWING
STRUCTURAL DETAILS OF
CONSOLIDATION WORK

SCALE 500, 1:200 DRAWING NO. 09

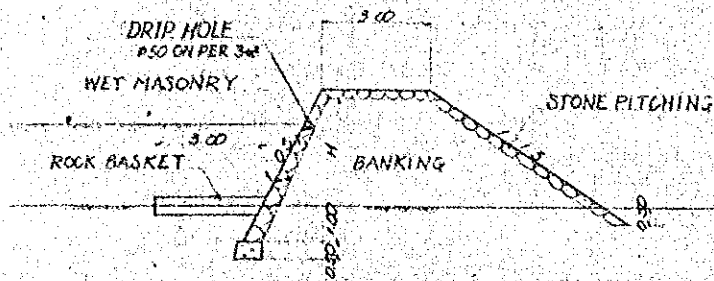


BANKING REVETMENT

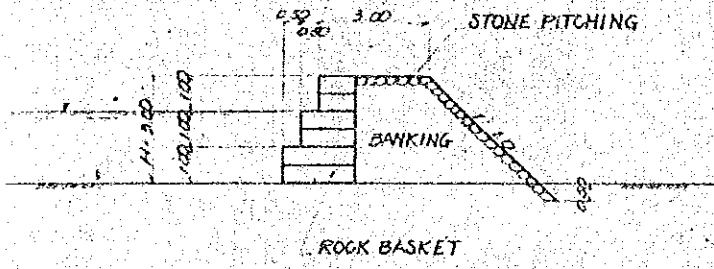
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SCALE 1:100



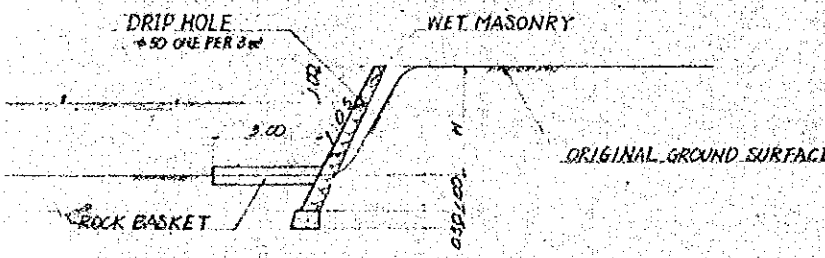
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SCALE 1:100



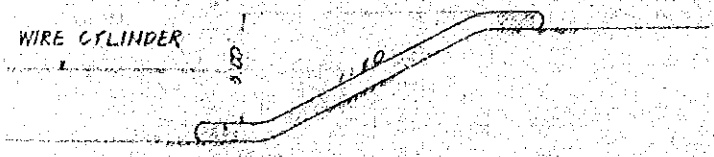
TYPE-C
SCALE 1:100



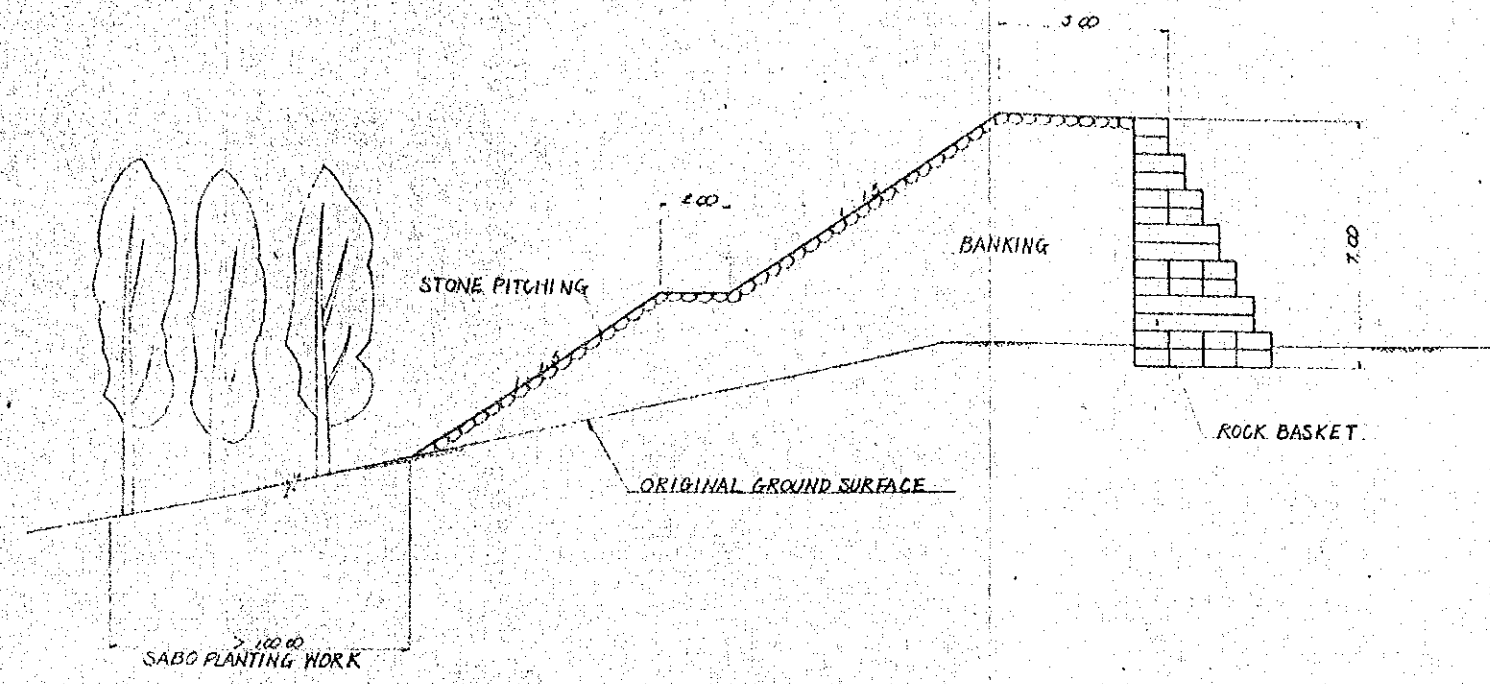
TYPE-D
SCALE 1:100



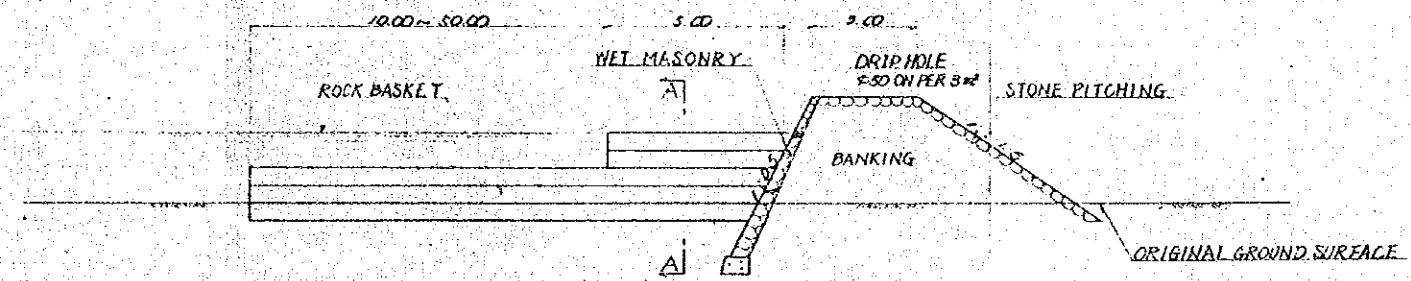
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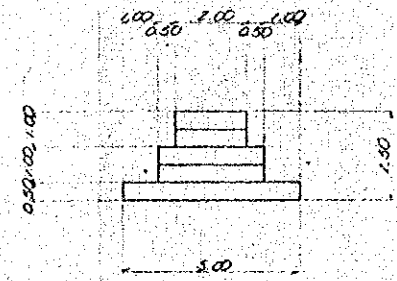
TRAINING LEVEL
SCALE 1:100



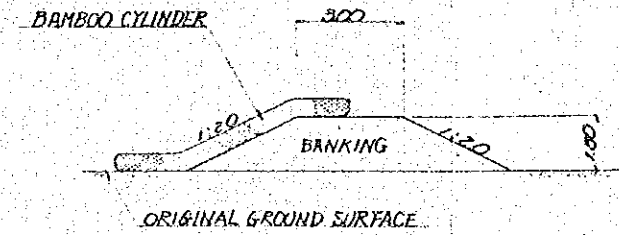
GROIN
SCALE 1:100



SECTION A-A
SCALE 1:100



TYPE-F
SCALE 1:100



STUDY FOR MAKING MASTER PLAN FOR LAND EROSION AND VOLCANIC DEBRIS CONTROL IN THE AREA OF MT. MERAPI	
TITLE OF DRAWING	
TYPICAL SECTION OF STRUCTURES	
SCALE 1:100	DRAWING NO 10



