

MUCK MANAGEMENT PLAN

S.No.	Description Of Item	Qty (Cum)
1	Total Qty. of Muck being Produce	11500.00
2	Deduction for useful stone as required under the clause of agreement to be executed by the Contractor and Executive engineer of Project	1341.66
3	Net Balance Quantity of Debris/ Muck. (1-2) A	10158.34
4	Quantity available on site with swell factor @ 60% 1.60xA	16253.34
5	Material / Muck to be used in Project:	
	1. Deduction for material/ required for the construction of dumping place in dry masonry wall/edge walls @ 5 % of (B)	812.67
	2. Less for material / muck required for the leveling of the leveling of the proposed road for the construction @ 15% of (B)	2438.00
	2. Less for material/ muck required for the construction of proposed road on the analogy of half cutting & half filling @ 40 % of (B)	6501.34
	Total :- 5 (1) +(2)+(3)	9752.01
6	Net material / muck to be dumping in dumping site (B-C) In Cum	6501.34


Executive Engineer
Shimla Rural Division
H.P. PWD Dhami

ABSTRACT OF COST**Name of Work :- C/O link road from PHC Badhari Gurshali to village Dawaat****(SH:- Cutting Work)**

Sr. No.	Sub- Head and Item of Work	Qty	Rate	Unit	Amount
1	Excavation in hilly area in soil by 50% by Mechanical & 50% by manual means i/c trimming of side slope and disposing of excavated earth with a lift upto 1.50mtr. and a lead up to 20mtrs. As per technical specification clause 1603.1	8625.00	111.95	M ³	965569.00
2	Excavation in hilly area in hard rock required by mechanical means i/c trimming of side slope and disposing of excavated earth with a lift upto 1.50mtr. and a lead up to 20mtrs. As per technical specification clause 1603.2	2875.00	155.00	M ³	445625.00
	Total				1411194.00
	Credit for Useful Stone Jumper Qty 8625 @ 1/10 = 862.50 Blast Work 2875 @ 1/6 = 479.16 1341.66	1341.66	300.00	M ³	402498.00
	Total				1008696.00
	Add 35% Cost Index				353043.60
	Total				353043.60



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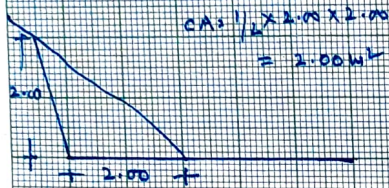
DETAIL OF MEASUREMENT

Name of Work :- C/O link road from PHC Badhari Gurshali to village Dawaat

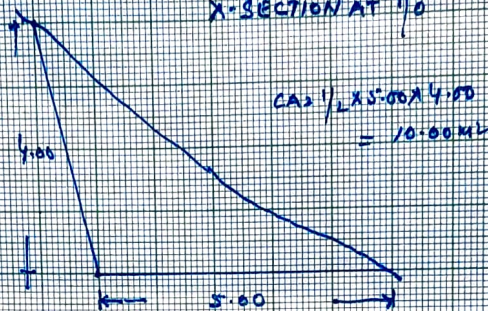
(SH:- Cutting Work)

RD	Area	Mean Area	Length	Qty	Classification			Classificational Qty		
					P.W %	J.W %	S.B %	P.W	J.W	S.B
0/00	2.00				25	50	25	0.00	0.00	0.00
1/00	10.00	6.00	1000.00	6000.00	25	50	25	1500.00	3000.00	1500.00
1/500	12.00	11.00	500.00	5500.00	25	50	25	1375.00	2750.00	1375.00
			Total	11500.00				2875.00	5750.00	2875.00

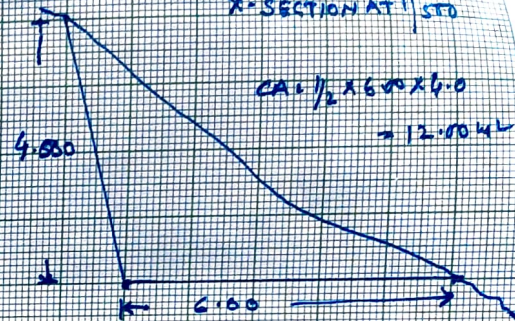
X-SECTION AT 0+0



X-SECTION AT 1+0

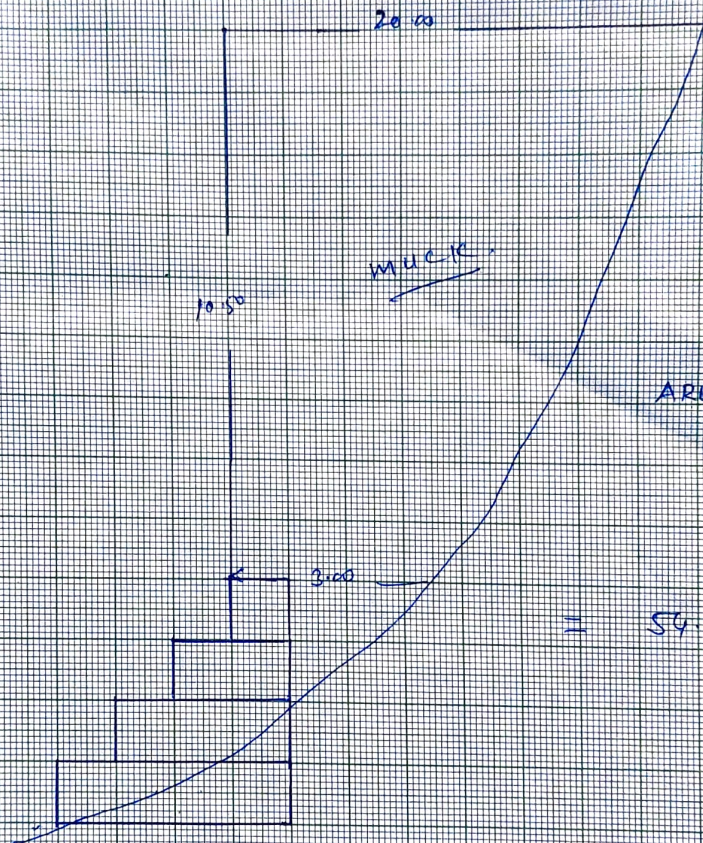


X-SECTION AT 1+50



NAME OF WORK: 0+0 LINK ROAD TO VILLAGE DAWAAT.

X SECTION OF WIRE CRATE WALL



$$\text{AREA} = \frac{20.00 + 3.00}{2} \times 10.50$$

$$= 120.75 \text{ m}^2$$

$$= 54.00 \times 120.75 = 6520.50 \text{ m}^3$$

ABSTRACT OF COST**Name of Work :- C/O link road from PHC Badhari Gurshali to village Dawaat****(SH:- C/O Wire Crate at varrios RD)**

Sr. No.	Sub- Head and Item of Work	Qty	Rate	Unit	Amount
1	Earthwork in excavation for structure as per drawing and technical specification clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material. I. Ordinary soil (i) Upto 3m depth	67.50	128.15	M ³	8650.00
2	Providing and laying of boulder apron laid in wire crtaes with 4 mm dia GI wire conforming to IS:280 and IS:4826 in 100mmx 100mm mesh(woven diagonally) i/c 10percent extra for laps and joints laid with stone boulders weighing not less than 25kg each as per drawing and technical specifications clause 1301	474.38	1458.40	M ³	691829.00
	Total				700479.00



**Executive Engineer
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