

CHECK LIST SR. NO 07
MUCK MANAGEMENT PLAN

Proposal for Diversion land for non forestry use under Forest Conservation

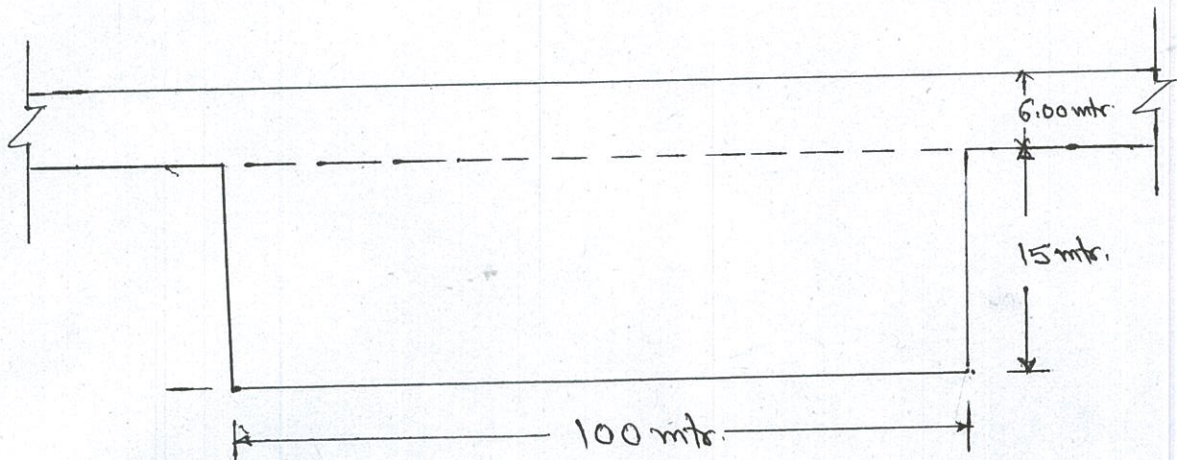
Act. 1980 for the Construction of Link road from Kaito Chicham to village Chikzar .

1	Total Expected quantity of Muck	74310	Cumt
	a) Pick work 40%	29724	Cumt
	b) Jumper work 35%	26008	Cumt
	c) Blasting work soft rock 15%	11147	Cumt
	d) Hard rock 10%	7431	Cumt
	Useful stones i) soft rock i.e 1/6 of c	1858	Cumt
	iii) Jumper work i.e 1/10 of b	2601	Cumt
	iv) Hard rock 1/3 of d	2477	Cumt
	Total useful stone	6936	Cumt
	Net Quantity of Muck (74310-6936)	67374	Cumt
	Add 15% for swelling Factor	10106	Cumt
	Total quantity of surplus debris to be disposed of D	77480	Cumt
	i) Filling behind R/Walls @ 10% of total muck	7748	
	ii) Filling behind culvert @5% of the total muck	3874	
	iii) Filling for the improvement /alignment of the		
	Road surface @ 5% of the total muck	3874	
	Total quantity of Debris to be managed in		
	Dumping sites	61984	Cumt
	Capacity of dumping sites as per design attached (Total Seven Nos.)	9000,7459,7650,9600,13500,11250,3600	Cumt
	Total dumping sites proposed for the disposal of debris 7 Nos.		


Assistant Engineer
Lassar Sub-Division
HP.PWD Lassar (S)

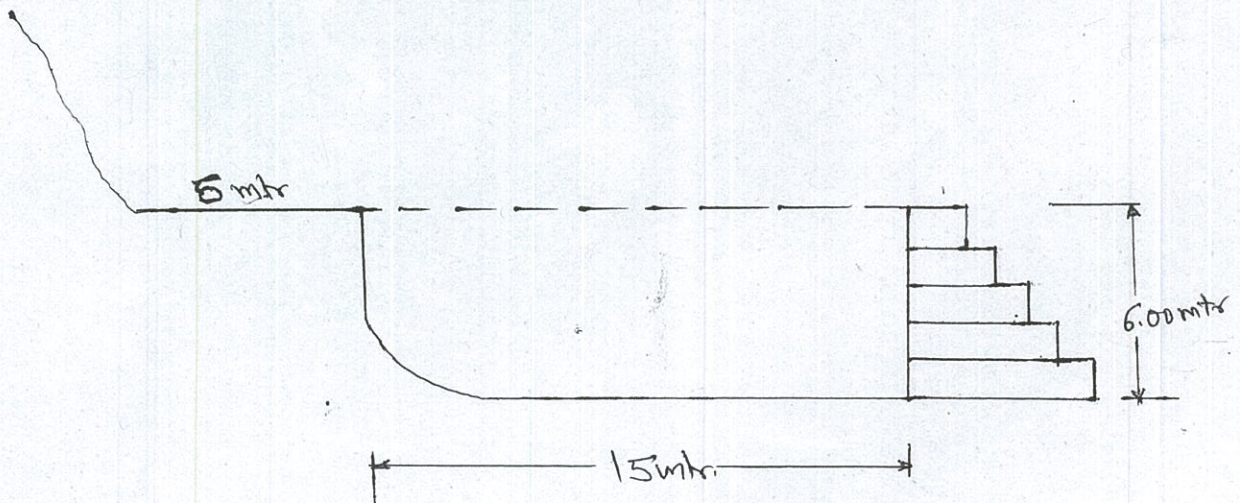

Executive Engineer,
Spiti Division,
HP.PWD Kaza

Design of Dumping Site being adopted, for the
Construction of Link road from Kiato Chickham
road to village chikzar. Km 0/00 to 6/089.



Area of Dumping Site $\Rightarrow 100 \times 15 = 1500 \text{ Sq. mtr.}$

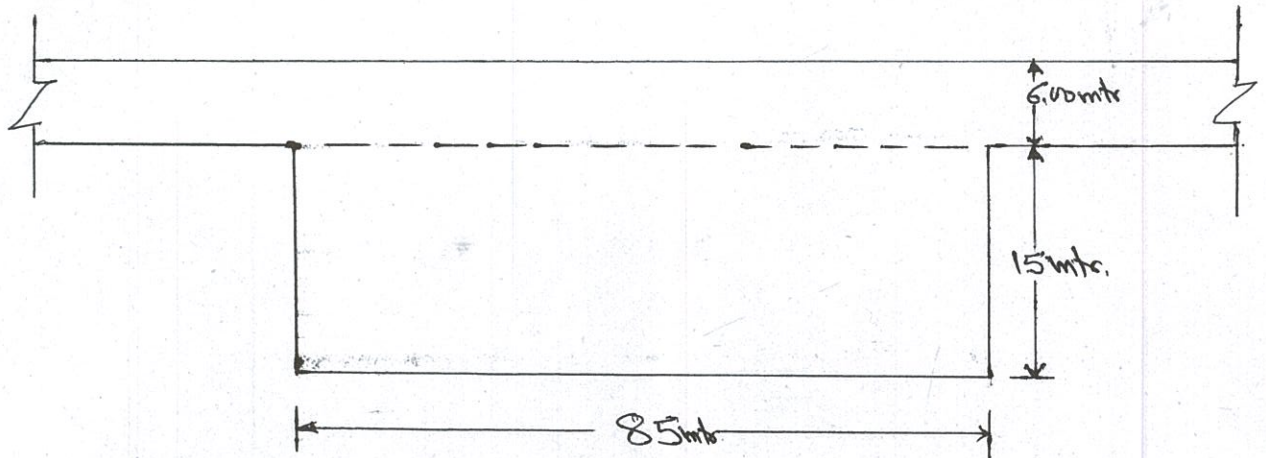
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Quantity of Muck to be accumulated,
in dumping Site $\Rightarrow 9000 \text{ m}^3$.

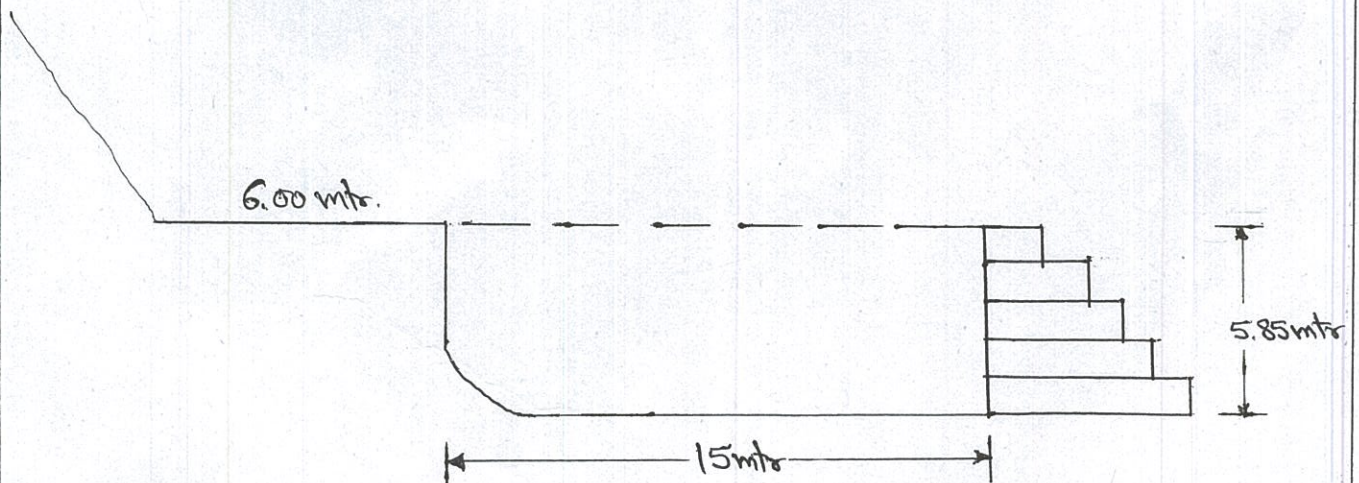
Anmol
 Assistant Engineer
 Lessor Sub-Division
 HPPWD Lessor (S)

Design of Dumping Site being adopted for the construction of link road from Kaito-chickham to village Chikzar.



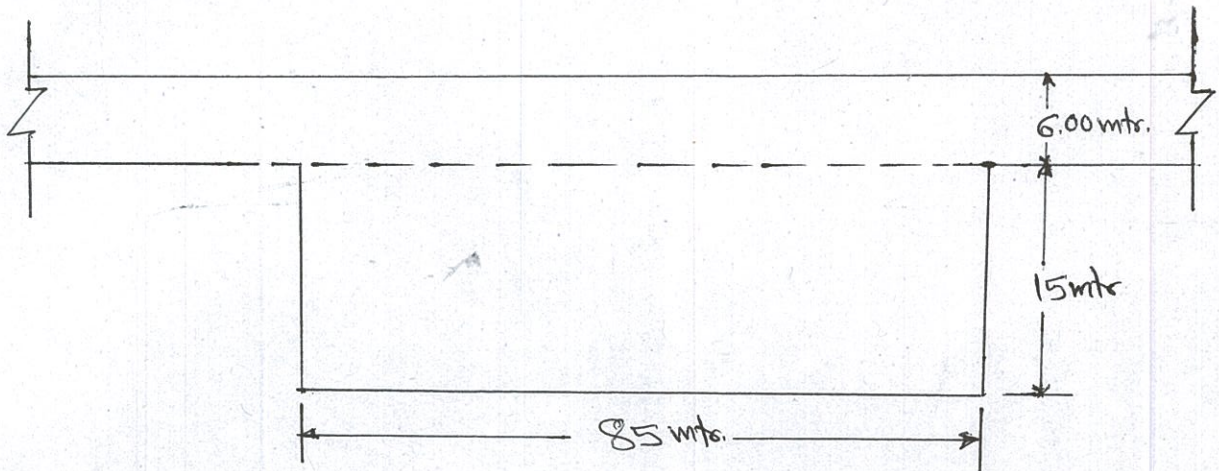
Area of Dumping Site $\div 85 \times 15 = 1275 \text{ Sq. mtr}$

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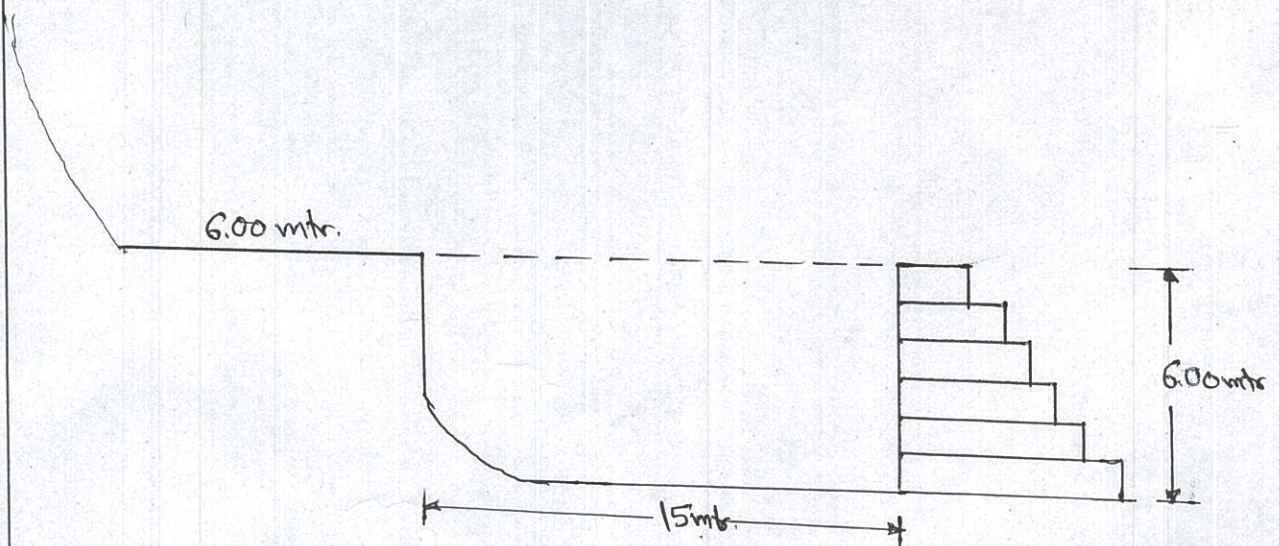
Quantity of Muck to be accumulated in dumping Site $\div 7459 \text{ m}^3$.

Design of Dumping Site being adopted for the construction of Link road from Karto Chicham to village Chikzar



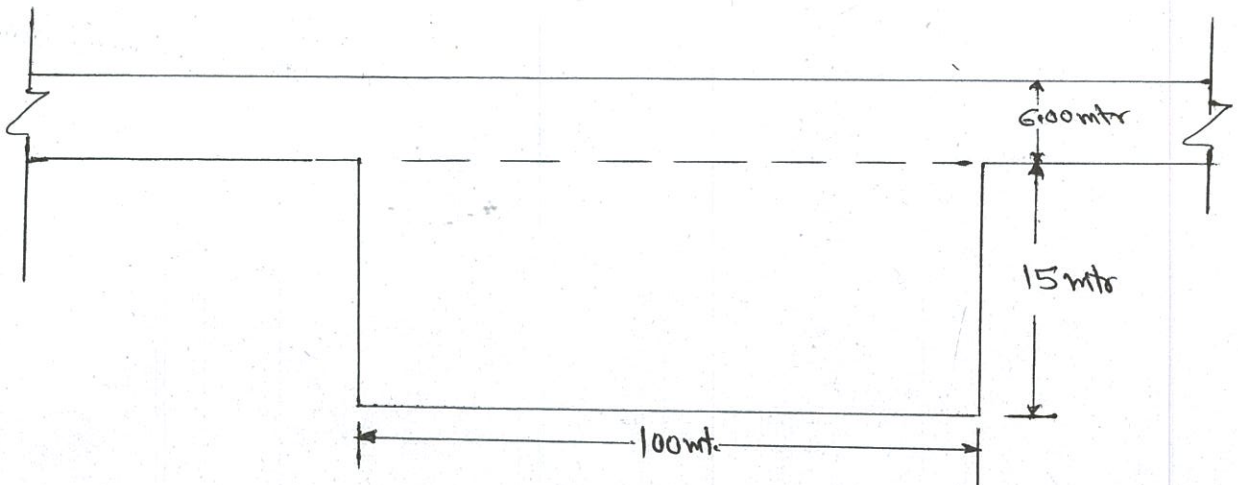
Area of Dumping Site $\Rightarrow 85 \times 15 = 1275 \text{ Sqmtr.}$

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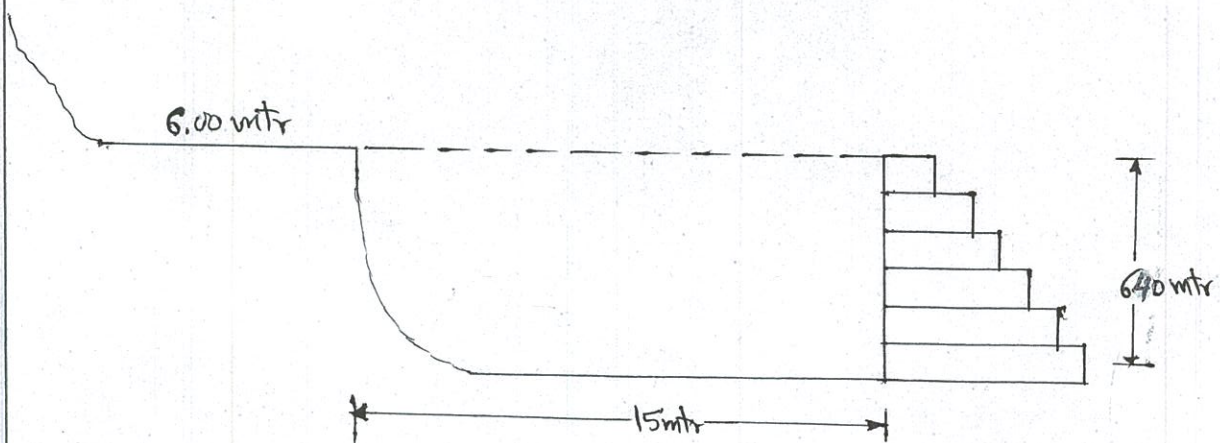
Quantity of Muck to be accumulated in dumping Site $\div 7650 \text{ m}^3$

Design of Dumping Site being adopted
for the construction of link road from
Kaito Chikham to village Chikzar



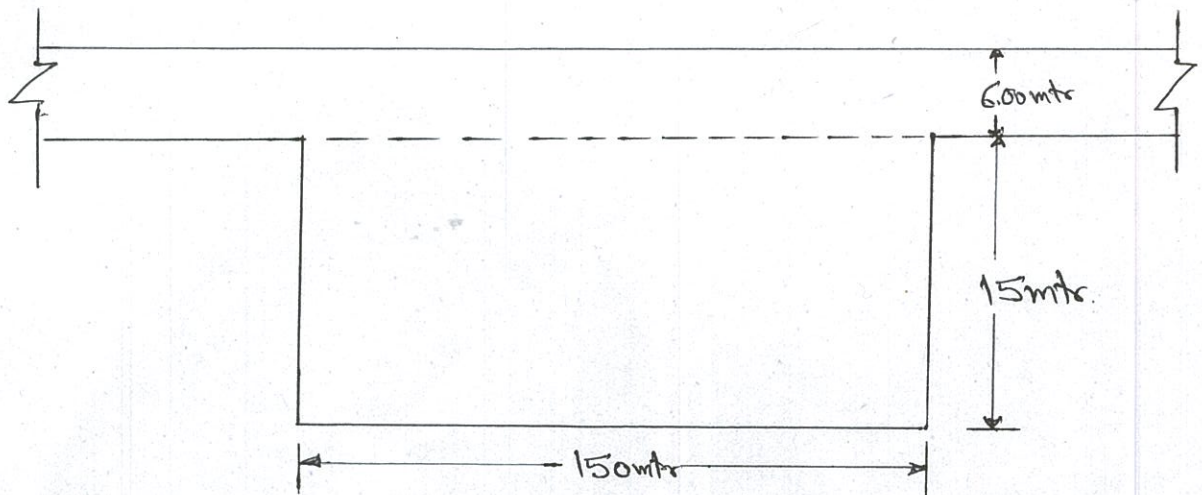
Area of Dumping Site $\Rightarrow 100 \times 15 = 1500 \text{ Sqm}$

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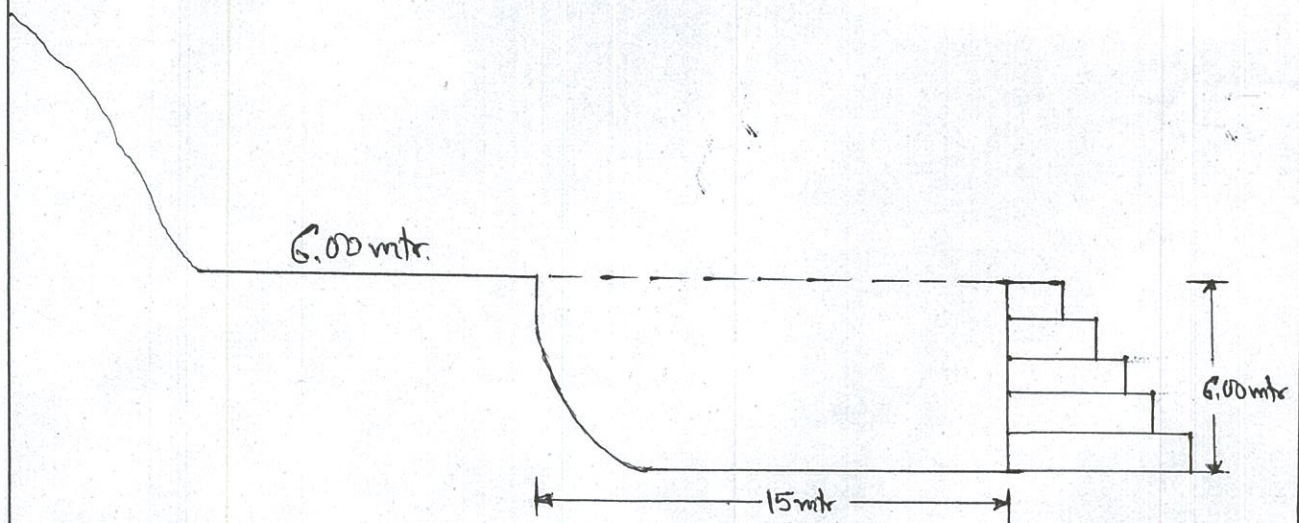
Quantity of Muck to be accumulated
in dumping Site $\Rightarrow 9600 \text{ m}^3$

Design of Dumping Site being adopted for
the construction of Link road from Kaito
Chicham road to Village Chikzar.



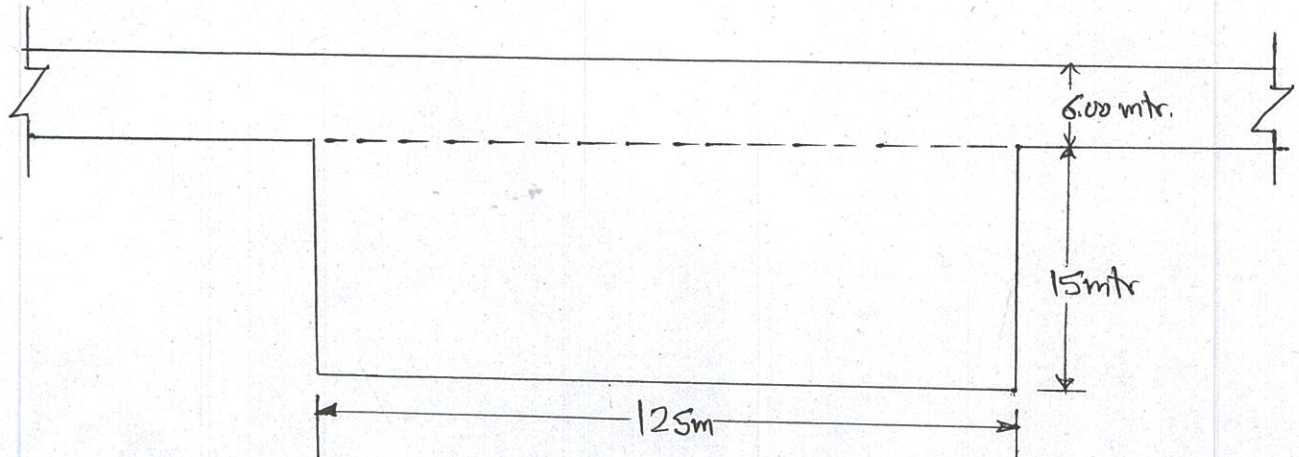
Area of Dumping Site $\div 150 \times 15 = 2250 \text{ Sqm.}$

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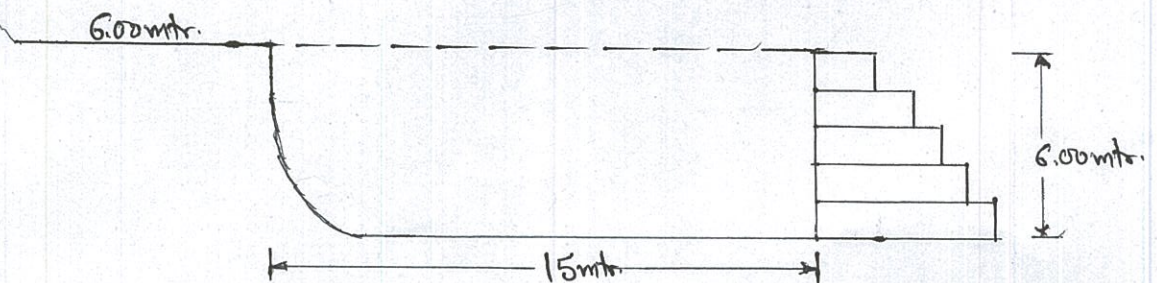
Quantity of Muck to be accumulated
in dumping Site $\div 13,500 \text{ m}^3$

Design of Dumping Site being adopted for the construction of link road from kaito chickham road to village Chikzar.



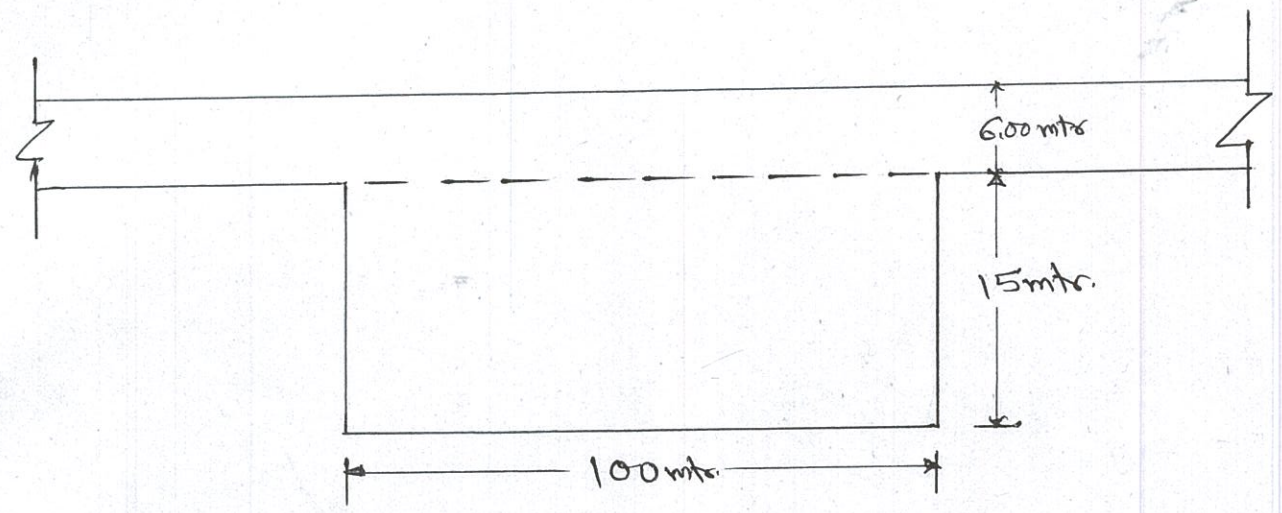
Area of Dumping Site $\rightarrow 125 \times 15 = 1875 \text{ Sqm.}$

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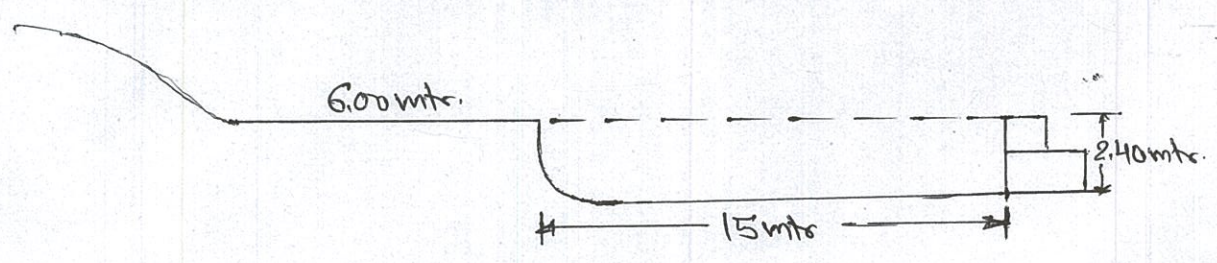
Quantity of Muck to be accumulated in
Dumping Site $\div 11,250 \text{ m}^3$

Design of Dumping Site being adopted
for the construction of Link road from
Kaito chickham to village Chikzar.



Area of dumping Site $\rightarrow 100 \times 15 = 1500 \text{ Sqm}$

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Quantity of Muck to be accumulated
in dumping Site: 3600 M^3

Anno
 Assistant Engineer
 Lesser Sub-Division
 HPPWD Lesser