

MUCK DISPOSAL PLAN

113

NAME OF PROJECT:- MALKOT KALIMATI SERA TIWAKHARK MOTOR ROAD Length :- 3.00 K.M. 3.000 KM

Sl No	Item of Work	No.	Road Length in	Length per KM	Width	Height	Quantity	Unit
MUCK THAT EXPECTED TO GENERAT FROM								
i)	From hill side cutting .Taking average .Width of road (6.85+5.95)/2 =6.40 m Assuming 3 m light and width 6.40/2 i.e. 3.20 m	1.00	1/2	3.00	1000	3.20	3.00	14400.00 CUM
ii)	From Construction of scupper. (Dimensions as per standard drawing .8 Nos scuppers per Km)	1.00	8.00	3.00		3.00	2.50	180.00 CUM
	Add swelling Factor 40 %							14580.00
								5832.00
								20412.00 CUM

TOTAL MUCK RECEIVED A

MUCK THAT PROPOSED TO CONSUME IN

1	Earth and boulder filling in super -elevation. Total nos of curves in 1km =12Nos	1.00	12.00	3.00	30.00	7.00	0.350	2646.000 CUM
2	Construction of coolie walling	1.00	1.00	3.00	150.00	0.60	0.550	148.500 CUM
3	Construction of B/W	1.00	1.00	3.00	200.00	0.75	1.800	810.000 CUM
4	Construction of R/Wall	1.00	1.00	3.00	300.00	1.10	2.5	2475.000 CUM
5	Construction of wire create at places.	1.00	80.00	3.00	3.00	1.50	1.50	1620.000 CUM
6	Hand Packed stone filling	1.00	1/2	3.00	200.00	1.00	1.50	450.000 CUM
7	Making of Edge stone	1.00	250.00	3.00	0.70	0.20	0.10	10.500 CUM
8	Construction of parapet	1.00	100.00	3.00	2.00	0.60	0.45	162.000 CUM
9	Construction of Pucca K.c drain	1.00	1.00	3.00	100.00	0.60	0.10	18.000 CUM
10	Construction of Scupper	1.00	4.00	2	3.00	7.25	1.00	2.00 348.00 CUM
11	Construction of Causeway	1.00	3.00	3.00	10.00	7.00	0.50	315.000 CUM
12	Soaling coat/boulder filling in Soft/slushy Reaches.	1.00	1.00	3.00	150.00	6.00	0.50	1350.000 CUM
13	GSB layer, G1, G2 & G3	1.00	1.00	3.00	1000.00	6.00	0.30	5400.000 CUM
	TOTAL MUCK COSUMED							15753.000 CUM
								B

BALANCE MUCK SHALL BE DISPOSED AT DUMPING YARDS I.e (A-B) CUM.

Sl No	Qty of Muck Genrated (CUM)	Muck used in construction work (CUM)	Muck disposed on Dumpng yards as per attached. (CUM)	Balance Muck (CUM)
1	20412.00	15753.000	4659.0	NIL

DETAILS OF MUCK DUMPING YARDS

Sl No	Location	Name of Land Owner	Type of Land	Size of Dumping Yard	GPS POINT	Capacity of Dumping
1	Km 1	Kunwar Singh S/O Bakhtawar Singh	Nap Land	1 62.35 8.50 3.00	79°22'08.49"E 29°57'13.48"N	4775.92c um
2	Km 3	Darman Singh S/O Late Kalyan Singh	Nap Land	1 18.00 9.00 3.00	79°22'06.45"E 29°56'44.15"N	
3	Km 3	Hayat Singh S/O Bhorn Singh	Nap Land	1 60.00 15.00 3.00	79°22'00.89"E 29°56'51.93"N	
				Total 9.00		

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C.D. PWD
GAIRSAIN

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प्रभासीय वन्यजीविकारी
भूमि संरक्षण एवं प्रभाग
रानीखेत

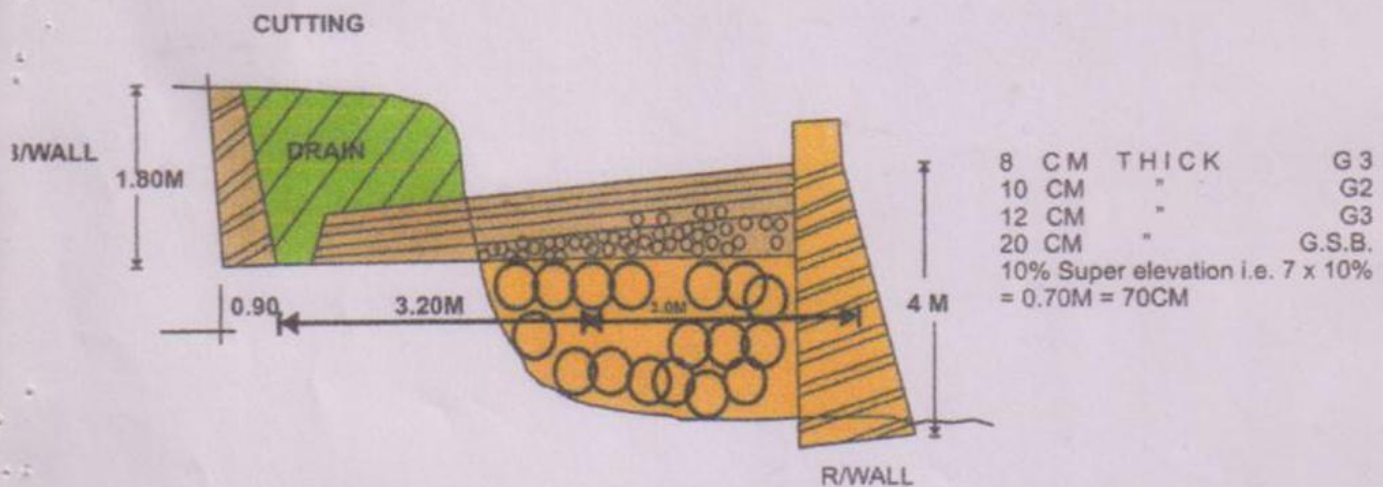
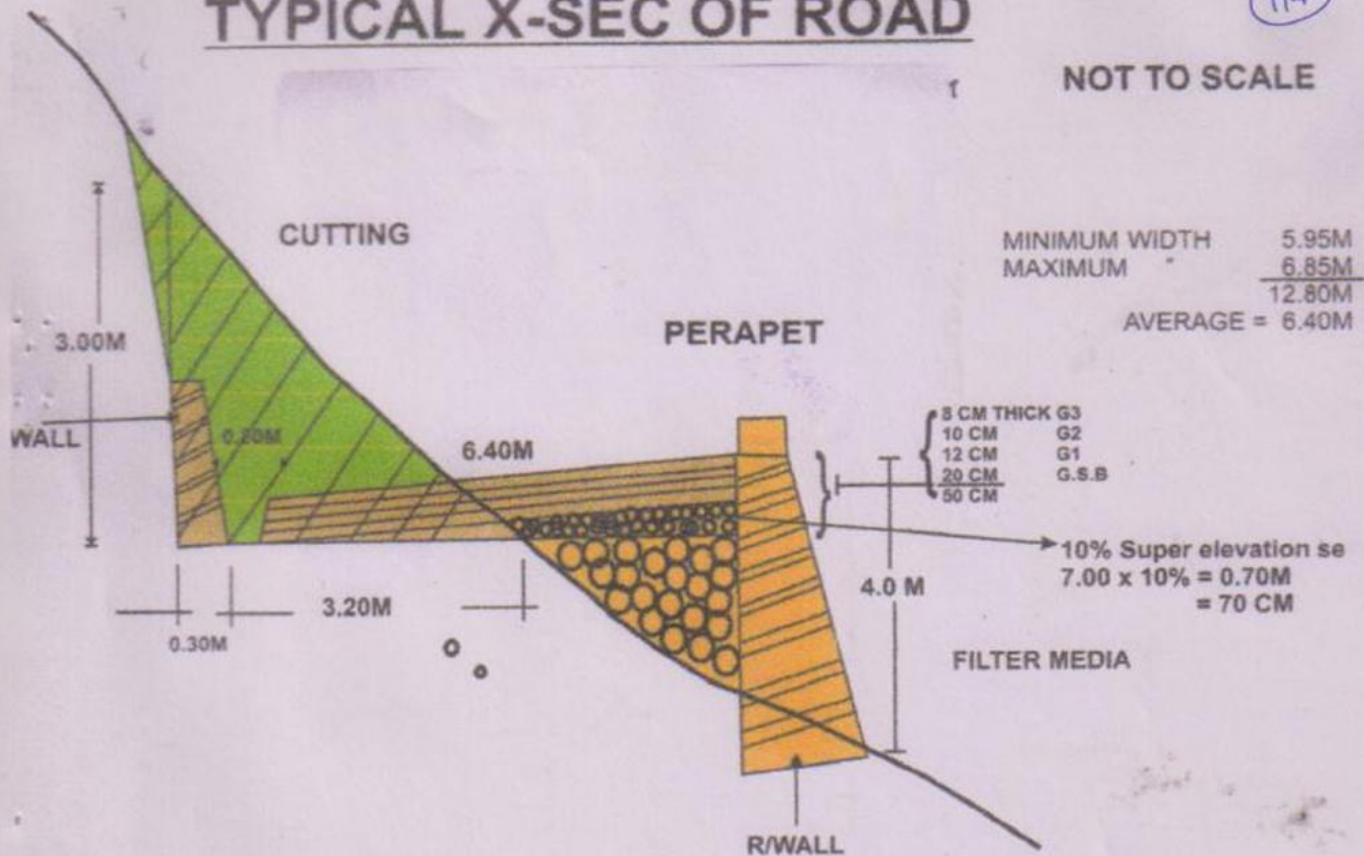
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TYPICAL X-SEC OF ROAD

114

NOT TO SCALE



LEGENDS

MUCK - GENERATION



MUCK - USE



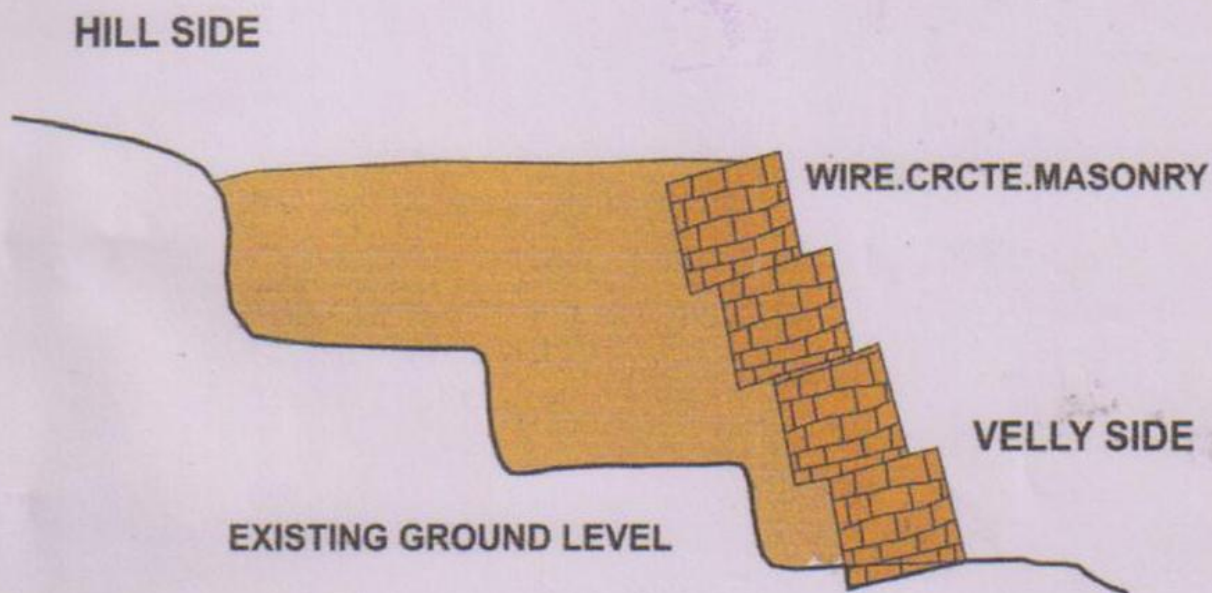
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TYPICAL X SEC OF MUCK DISPOSAL YARD

NOT TO SCALE



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DUMPING YARDS

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