

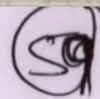
Full Title of the Project: C/o Link Road to Village Kaller KM 0/0 to 1/500
 File No. : FP/HP/ROAD/44178/2020
 Date of Proposal: 24 Jan 2020

Muck Management Plan

1.	Total quantity of muck to be generated from cutting	12795.78	cum
2.	Deduction of useful stone as required under clauses of agreement to be executed by the Executive Engineer of Project implementing Unit division on behalf of Govt. of H.P. for suing in the project.(60% of muck will be consumed in Embankment of road, filling Behind R/wall B/wall)	7677	cum
3.	Net balance quantity of debris/muck	5118	cum
4.	Add quantity available on site with swell factor @ 25% on PW & JW	3199	cum
	Total (A)	8317	cum
5.	Less for materials required for dumping in behind R/wall etc. @10% of A	832	cum
6.	Less for materials required for leveling of proposed road @ 15% of A	1248	cum
7.	Less materials/muck required for leveling/filling of road on the analogy of half cutting and half fittings @ 40% of A	3327	cum
	Total (B)	5406	cum
8.	Materials/Muck left at site which will require carriage for proper dumping into the recognized sites as per the illustration of forest and environment Ministry reinforced by various judgment of the Apex court Govt. of India i.e. (A-B)	2911	cum
9.	Design proposed for dumping sites (attached)	1 Nos	
10.	Total capacity of dumping sites as per details attached	3849.99	
11.	Area in hectare for dumping sites.		
	i. Forest area	0.0358	hect.
	ii. Non forest	0	
	iii. Total	0.0358	hect.

Executive Engineer,
 Jhandutta Division,
 HP.PWD, Jhandutta (H.P.)

Executive Engineer,
 Jhandutta Division,
 HP.PWD, Jhandutta



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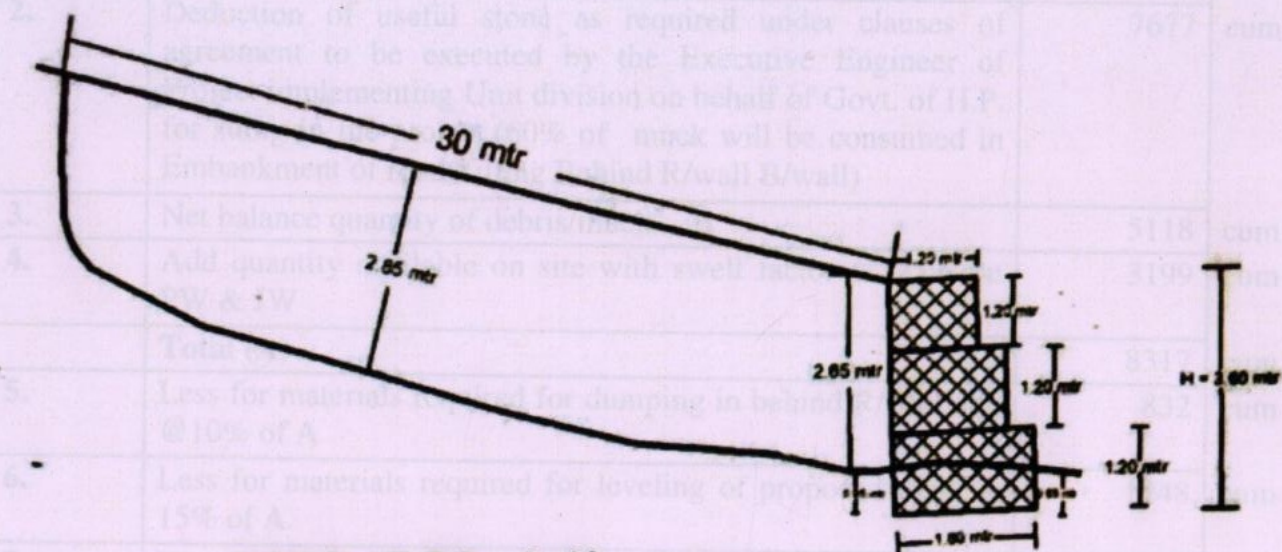
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Muck Dumping Site No. 1



XSEC AT RD - A-A'

Dumping Area

Wire Crate

L = 70 mtr

$$\text{Area :- } 70 \times 30 \times \frac{0.00 + 2.85 + 2.65}{3} = 3849.99 \text{ m}^3$$

Executive Engineer
Jhandutta Division
HPPWD, Jhandutta