

**Muck Disposal / Management plan(INPrivate Lands)**

- (1) Total muck(after swell)=189009.37 Cum  
 (2) Utilized quantity in project activities@40%=75603.74Cum  
 (3) Balance Quantity for disposal@60%=113405.61Cum  
 (4) Carriage of muck from the muck generation site to the dumping site=113405.61Cum  
 (5) Capacity of muck disposal site=113416.43Cum  
 (6) Development of dumping site=Providing Boulders wire crates.  
 (7) Cost of developing dumping site:-  
 (a) 394 Nos Boulders wire crates @ 8656.10/Nos =3410503.40 Rs  
 (b) plantation of dumping site=1.76 hactare@21580/hact=37980.80Rs

**NOTE:-**

- (1) According to geological report Slate, lime stone, soil are occurring in the site.  
 (2) Total muck consumed at site:-  
 (a) muck spread over during the construction which is not collected =18% aprx  
 (b) Material consumed in construction work as protection walls, H.P.S. filling, boulders wire crates, edgestone, parapet, base filling and grade maintain as per detail of D.P.R =23% aprx  
 Hence total muck consumed at site =41% say 40%  
 And total muck disposal from site to dumping point=60%

  
 Junior Engineer  
 P.M.G.S.Y.I.D.  
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 Assistant Engineer  
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**NAME OF ROAD: - CONSTRUCTION OF KHARADI TO SYALNA BHANSARI MOTOR ROAD**

**Muck Disposal / Management plan(IN Private Lands)**

S.No.	Discription of work	Quantity/Amount	Remarks
1	Total muck(after swell)	189009.37Cum	
2	Utilized quantity in project activities	75603.74Cum	@40%
3	Balance Quantity for disposal	113405.61Cum	@60%
4	Carriage of muck from the muck generation site to the dumping site	113405.61Cum	
5	Capacity of muck disposal site	113416.43Cum	
6	Development of dumping site Providing boulders wire crates	3410503.40Rs	
7	(b)plantation of dumping site	37980.80Rs	

**NOTE:-**

(1)According to geological report Slate, lime stone, soil are occurring in the site.

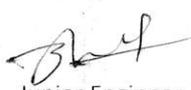
(2)Total muck consumed at site:-

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64 (A)

MUCK DISPOSAL POINT NO-1 IN KHARADI AT KM 0/0

Total quantity of muck:-

(1)E.B.=17296.20@1.25=21620.25@60%=12972.15 Cum

(2)S.R.=19341.21@1.60=30945.93@60%=18567.56Cum

(3)h.R.=802.73@1.85=1485.05@60%=891.03 Cum

Total=32430.74Cum

Capacity of muck disposal point:-

Length	Width	Height	Volume(Cum)	Remarks
92.50	( 44.60+57)/2 =50.80	6.90	32423.10	Providing 106 nos wire crate size (3*1.50*1.5

Location of dumping site by GPS reference:-

N30<sup>0</sup> 50.821'

E78<sup>0</sup> 16.700'

  
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64(B)

MUCK DISPOSAL POINT NO-2 IN GAMSU AT KM 1/28

Total quantity of muck:-

(1)E.B.=11339.47@1.25=14174.33@60%=8504.60Cum

(2)S.R.=17085.96@1.60=27337.53@60%=16402.52Cum

(3)H.R.=7165.88@1.85=13256.87@60%=7954.12Cum

Total=32861.24Cum

Capacity of muck disposal point:-

Length	Width	Height	Volume(Cum)	Remarks
104.05	$(41.60+46.10)/2=$ 43.90	7.20	32888.12	Providing 96no wire crate Size(3*1.50*1.5

Location of dumping site by GPS reference:-

N30<sup>0</sup> 50.624'

E78<sup>0</sup> 16.613'

  
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Purola(Uttarkashi)

64(C)

MUCK DISPOSAL POINT NO-3 IN BHASARI AT KM 5/40

Total quantity of muck:-

(1)E.B.=16694.24@1.25=20867.80@60%=12520.68 Cum

(2)S.R.=9282.52@1.60=14852.03@60%=8911.21Cum

(3)h.R.=4131.45@1.85=7643.18@60%=4585.90 Cum

Total=26017.79Cum

Capacity of muck disposal point:-

Length	Width	Height	Volume(Cum)	Remarks
$(94.60+102.30)/2$ =98.45	41.30	6.40	26022.30	Providing 108 nos wire crate Size (3*1.50*1.5)

Location of dumping site by GPS reference:-

N30<sup>0</sup> 50.327'

E78<sup>0</sup> 17159'



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64(2)

MUCK DISPOSAL POINT NO- 4 IN Syalana At KM 8/8

Total quantity of muck:-

(1)E.B.=2597.03@1.25=3246.28@60%=1947.77Cum

(2)S.R.=8674.85@1.60=13879.76@60%=8327.85Cum

(3)H.R.=7513.50@1.85=13899.97@60%=8339.98Cum

Total=18615.60Cum

Capacity of muck disposal point:-

Length	Width	Height	Volume(Cum)	Remarks
82.55	38.85	5.80	18600.99	Providing 51 nos wire crate Size (3*1.50*1.50)

8

Location of dumping site by GPS reference:-

N30° 50.283'

E78° 18.076'

  
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Purola(Uttarkashi)

64(E)

MUCK DISPOSAL POINT NO-5IN Syalana At KM 9/28

Total quantity of muck:-

(1)E.B.=2035.21@1.25=2544.01@60%=1526.40Cum

(2)S.R.=2035.21@1.60=3256.33@60%=1953.80Cum

Total=3480.20Cum

Capacity of muck disposal point:-

Length	Width	Height	Volume(Cum)	Remarks
52.00	$(18.40+24.80)/2=21.60$	3.10	3481.92	Providing 33 no wire crate Size (3*1.50*1.5)

Location of dumping site by GPS reference:-

N30<sup>0</sup> 50.113'

E78<sup>0</sup>18.239'



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Muck disposal pit No-1 at Kheradi

कार्य का नाम :- खरादी से स्थानता भसाडी गाँव मार्गे का निमोषण  
64(E2)

Muck disposal point No-2



Chainage No - 1/24 at Gamsu

Muck disposal point No-3



Chainage No - 5/40 at Bhangsari

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T.E.

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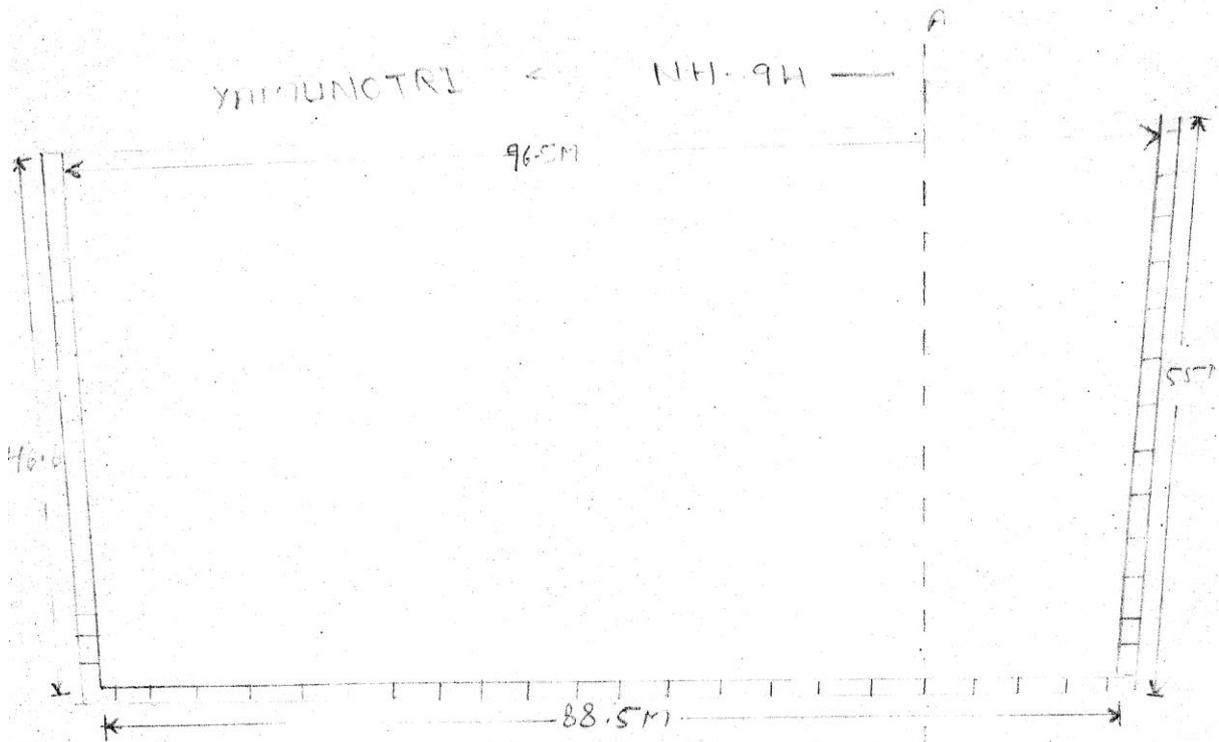
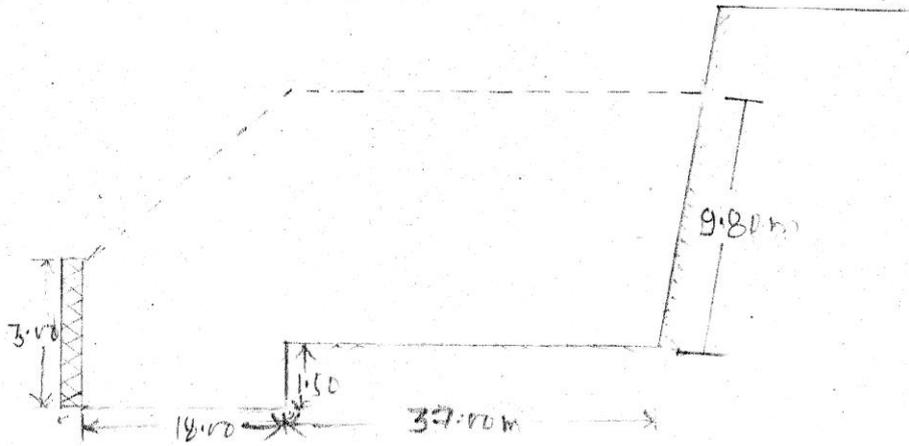
Muck disposal point No - 4 at Bhanyari Top  
chainage No - 0/0



Muck disposal point No-05 at Syalga Gad

MUCK DISPOSAL POINT NO-1

(4 (F))



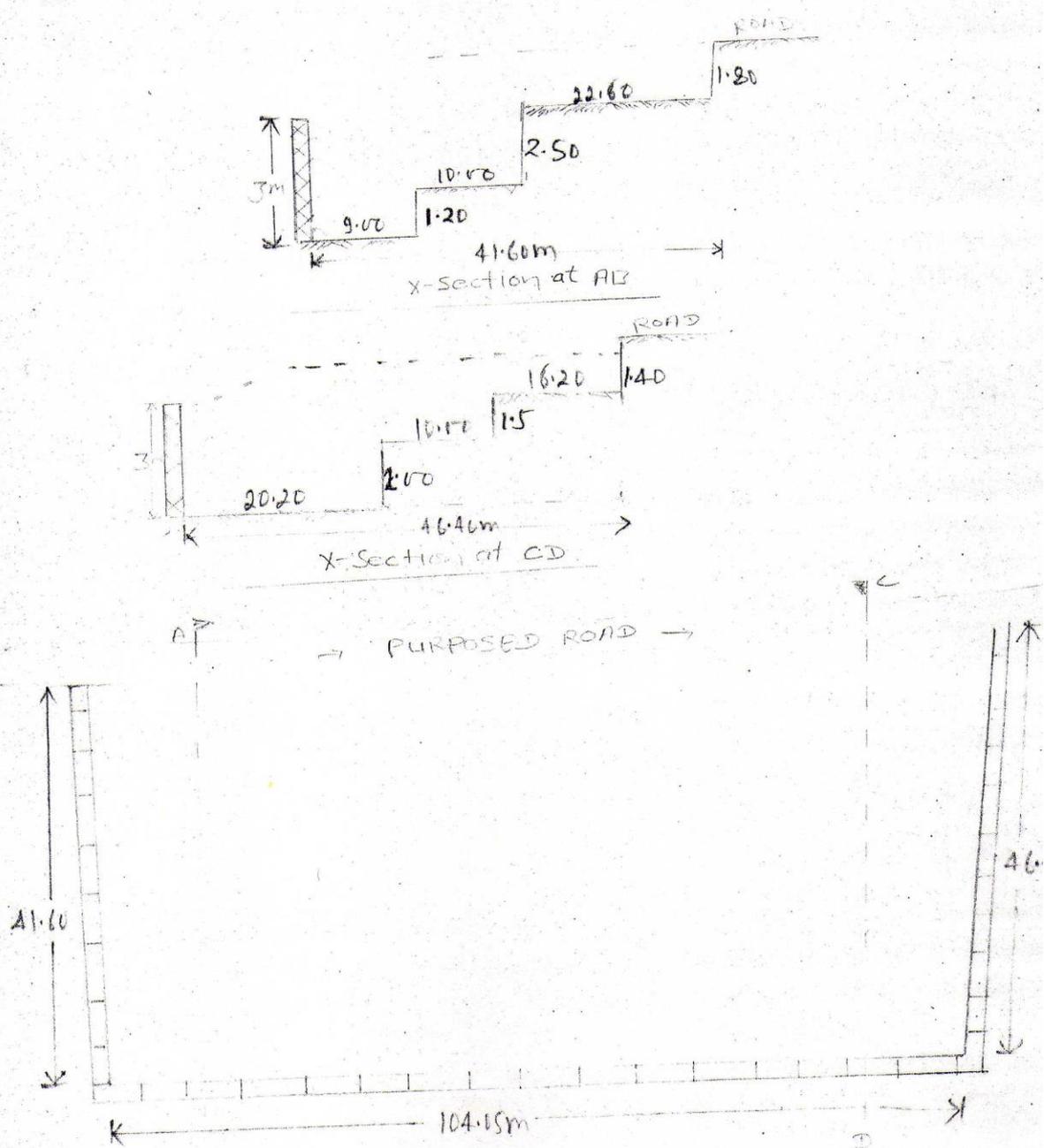
Note :- (i) Drawing Not to scale.  
 (ii) All dimensions are in mtr.

*[Signature]*  
 J.E

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 A.E

*[Signature]*  
 E.E

MUCK DISPOSAL POINT NO-2

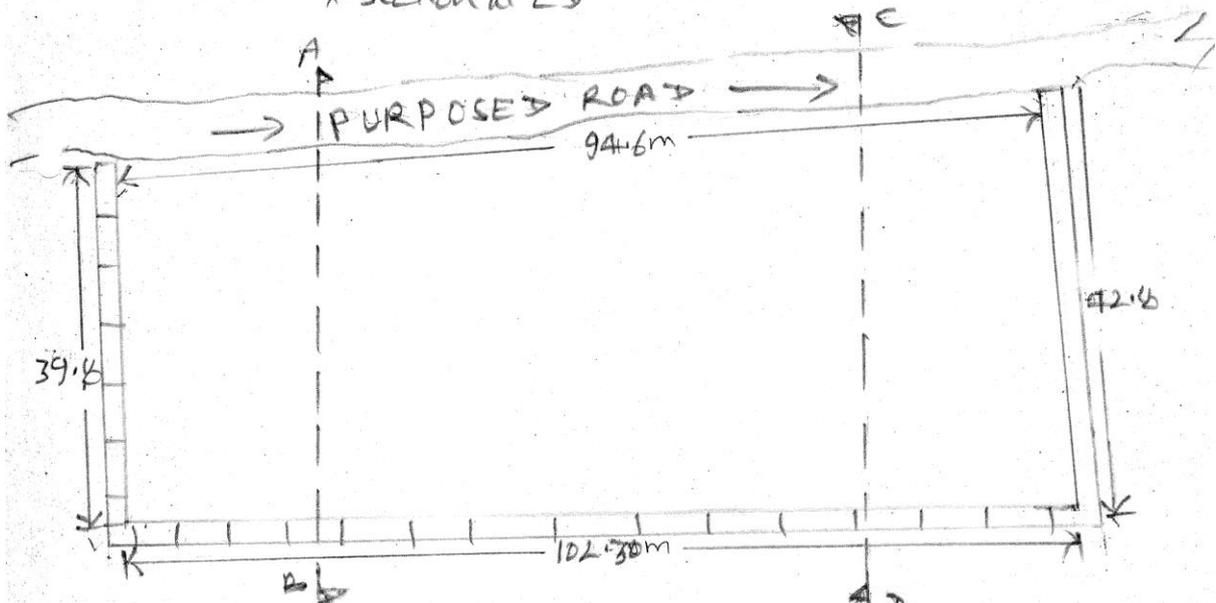
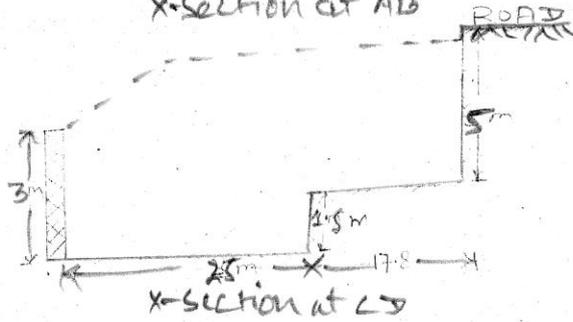
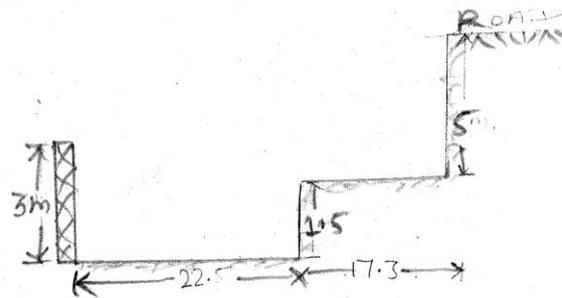


Note :- (i) Drawing Not to Scale.

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T.E. A.E. E.E.

MUCK DISPOSAL POINT NO-3

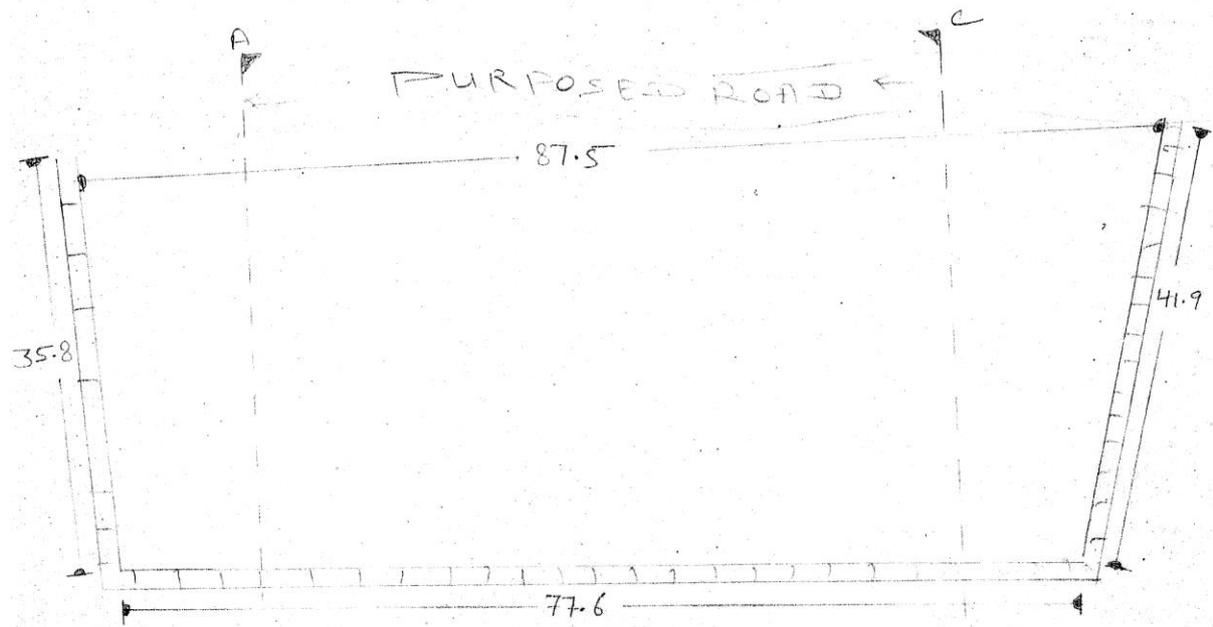
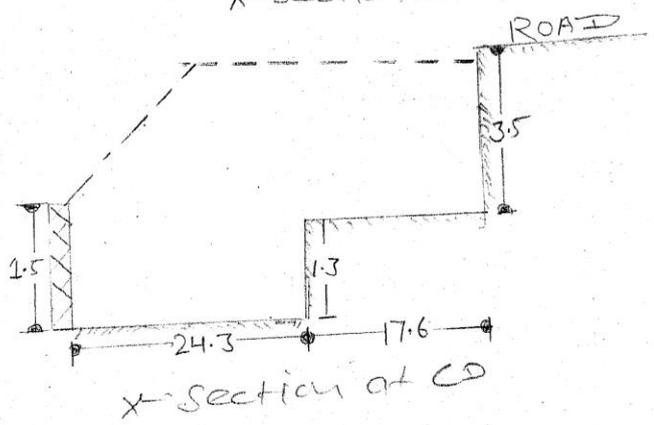
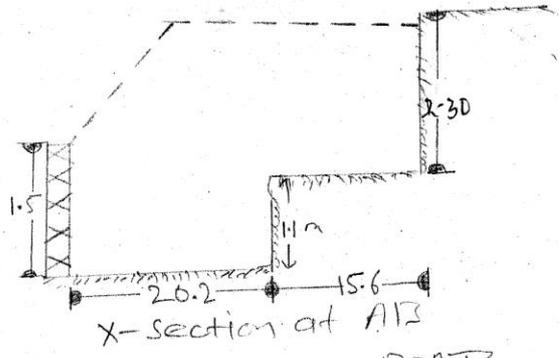


Note: (i) Drawing Not to Scale.  
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*JE*  
A.E

*E.E*

MUCK DISPOSAL POINT NO. 4



Note :- (i) Drawing Not to Scale.  
(ii) All dimension are in mtr.

J.E. A.E. E.E.

64(J)

MUCK DISPOSAL POINT NO-5

