

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

No.PW/NBT-110-Forest Case/Bassi Ghawandal/2023- 7984-85 Dated:- 10-10-2023
To

The Divisional Forest Officer,
Bilaspur Forest Division,
District Bilaspur, HP

Subject:- Diversion of 3.3438 hectare of forest land in favour of HPPWD for the construction of link road Bassi Ghawandal km.0/0 to 6/0 in Distt. Bilaspur (HP).

Please refer to the Deputy Director General of Forests (Central) Sub-Office, Shimla of Regional Office, Chandigarh, Ministry of Environment, Forests and Climate Change, Shimla (H.P.) office letter dated 14-08-2023 received through your office vide Endst. No. 4872-73 dated 23-08-2023 on subject cited above whereby some observations were raised in subject cited forest case. Now, the same are attended as under:-

Short Coming	Reply
Point No.1	Administrative Approval stands already accorded to this Project vide letter No.PW-133-280/81-BLP-2-Works-25667-71 dated 30-11-1981 and DPR for Rs. 552-00 Lac has been prepared and the same is under process for its approval.
Point No. 2	Alternative alignments is not possible as per the topography of the area and the proposed alignment is the shortest route as explored at site.
Point No. 3	It is submitted that this road starts from Bassi village and ends at Ajnol village both the stations are falling on all weather roads but some scattered populations fall out side of these villages and village Ranni is to be connected with this alignment.
Point No. 4	Now, necessary correction has been made in component wise breakup of online part-1 , B2.4 by mentioning the correct forest area to be diverted which is 3.3438 hectare.
Point No. 5	It pertains to forest department.
Point No. 6	The Layout Plan has been prepared as per appropriate scale matching with the KML file & showing legend of all component.
Point No. 7	The joint inspection was conducted by the committee. As per the direction of the forest department the road width which was proposed 8.00 meter has now been taken 6.00 meter hence the variation in area.
Point No. 8	The fresh KML file uploaded on the portal showing forest / non forest area & violated & un-violated part in distinct colour.
Point No. 9	Needful done.

Point No. 10	The muck disposal plan attached duly authenticated by the Divisional Forest Officer Forest Division Bilaspur (H.P.).
Point No. 11	It pertains to forest department.
Point No. 12	It pertains to forest department.
Point No. 13	It pertains to forest department.

This is for your kind information and necessary action please.

DA:- As above.

Executive Engineer,
Bilaspur Division No-II,
HP.PWD., Bilaspur.

Copy to the Assistant Engineer Sub Division HPPWD Shri Naina Devi ji with reference to his office letter No. 745 dated 18-09-2023 for information and necessary action. He is directed to take up the matter with the above office for the FCA clearance of above mentioned road under intimation to this office immediately.

Executive Engineer,
Bilaspur Division No-II,
HP.PWD., Bilaspur.

Full Title of the Project:-

Construction of link road Bassi to Ghawandal km. 0/0 to 6/0 in Distt. Bilaspur (H.P)

File No. :

FP/HP/ROAD/39140/2019


Date of Proposal:

03-10-2020

Component wise breakup for muck dumping

The component wise breakup of the forest land required for the construction of road and for dumping sites as under:-

Component	Forest Area Land			Non-Forest Land		
	Length of Forest Land (in km.)	Width of Forest Land (in km.)	Forest Land (in hac.)	Length of Non Forest Land (in km.)	Width of Non Forest Land (in km.)	Non Forest Land (in hac.)
Road	5.43972	0.006	3.2638	0.56033	0.005734	0.3212
Dumping - 1	0.015	0.01	0.015	0	0	0
Dumping - 2	0.025	0.01	0.025	0	0	0
Dumping - 3	0.025	0.01	0.025	0	0	0
Dumping - 4	0.015	0.01	0.015	0	0	0
Total:-			3.3438			0.3212


Executive Engineer,
Bilaspur Division No-II,
HP.PWD., Bilaspur.

SITE PLAN SHOWING C/O LINK ROAD BASSI TO GHAWANDAL KM 0/0 TO 6/0
 C PORTION: 0/0 TO 1/000 & 1/000 TO 1/690

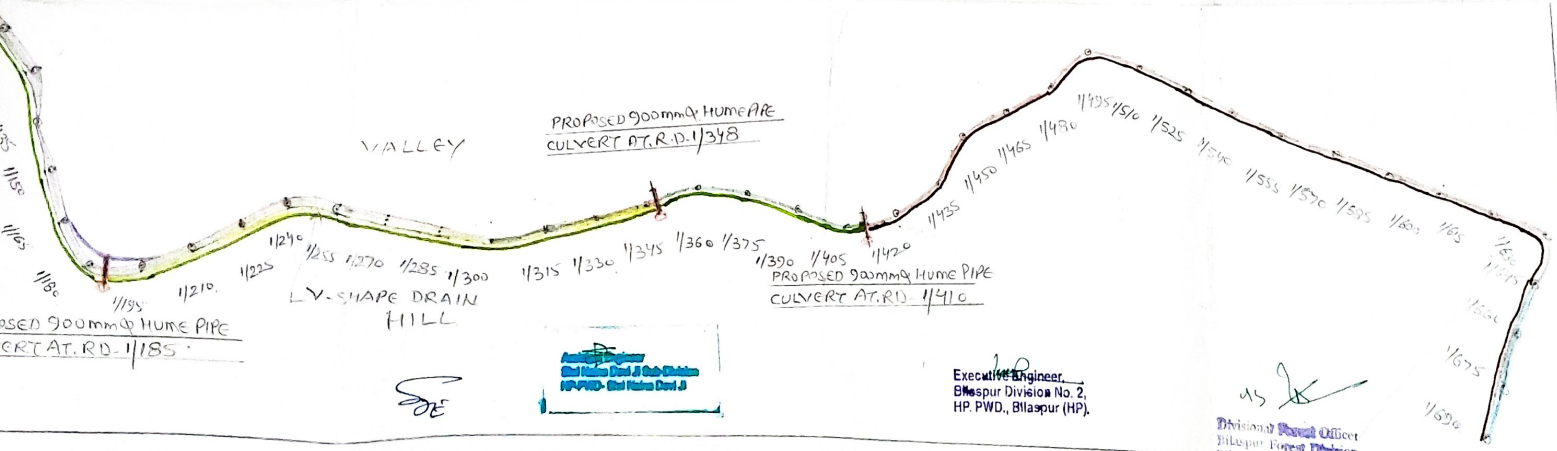
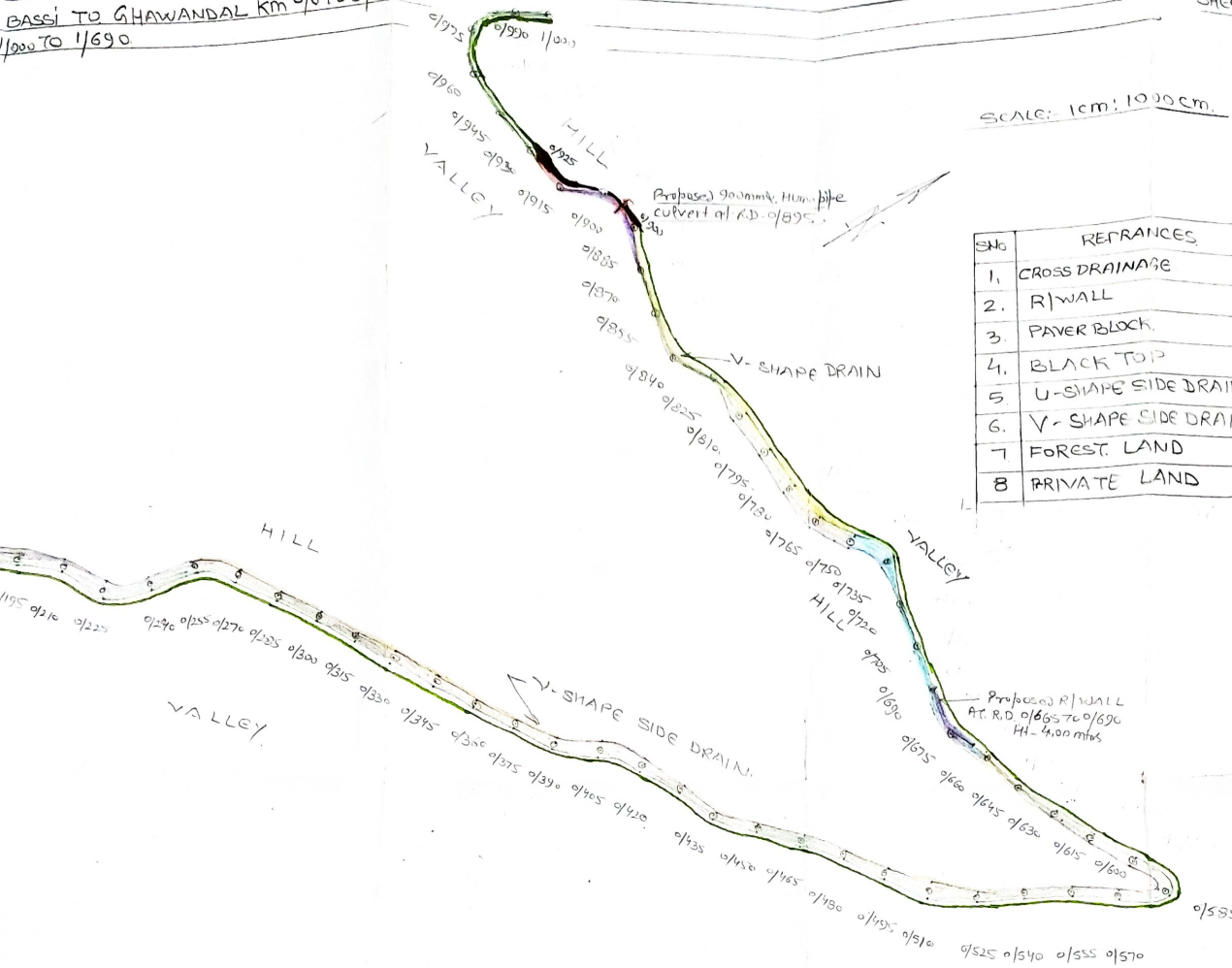


BASSI TO GHAWANDAL KM 9/0 TO 6/0
1/690 TO 1/690

SHEET. No- ①

SCALE: 1cm: 1000cm.

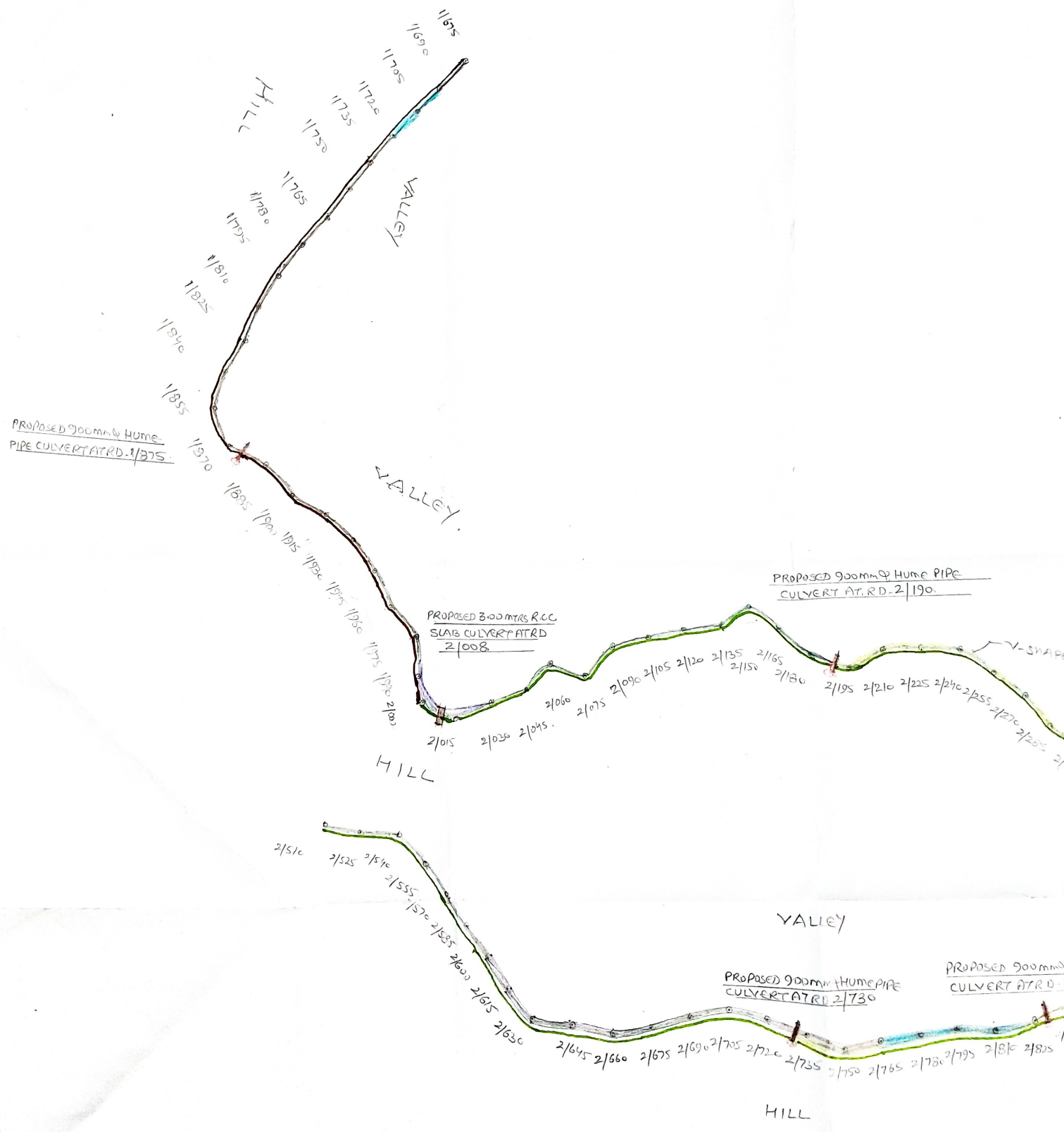
SNO	REFERENCES	SYMBOL/COLORS
1.	CROSS DRAINAGE	
2.	R/WALL	
3.	PAVER BLOCK	
4.	BLACK TOP	
5.	U-SHAPE SIDE DRAIN	
6.	V-SHAPE SIDE DRAIN	
7.	FOREST LAND	
8.	PRIVATE LAND	



Executive Engineer,
Bilaspur Division No. 2,
HP. P.W.D., Bilaspur (HP).

Divisional Forest Officer,
Bilaspur Forest Division,
Bilaspur (H.P.)

SITE PLAN SHOWING C/O LINK ROAD BASSI TO GHAWANDAL KM 0 TO 6/0
 (PORTION:- 1/690 TO 2/540 & 2/545 TO 3/000)



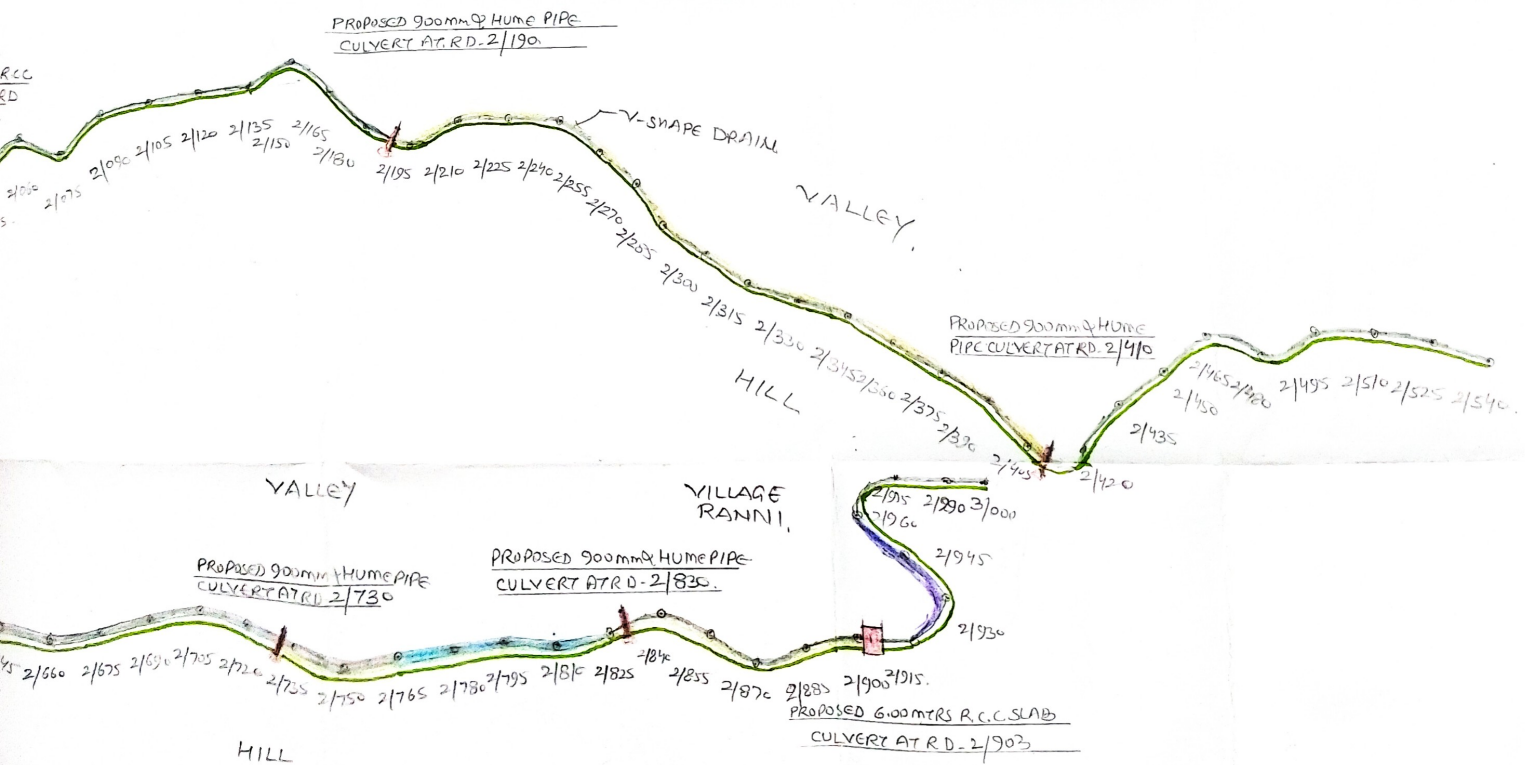
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BASSI TO GHAWANDAL KM 0/0 TO 6/0.
 STATION: 1/690 TO 2/540 & 2/540 TO 3/000

SCALE: - 1 cm : 1000 cm.



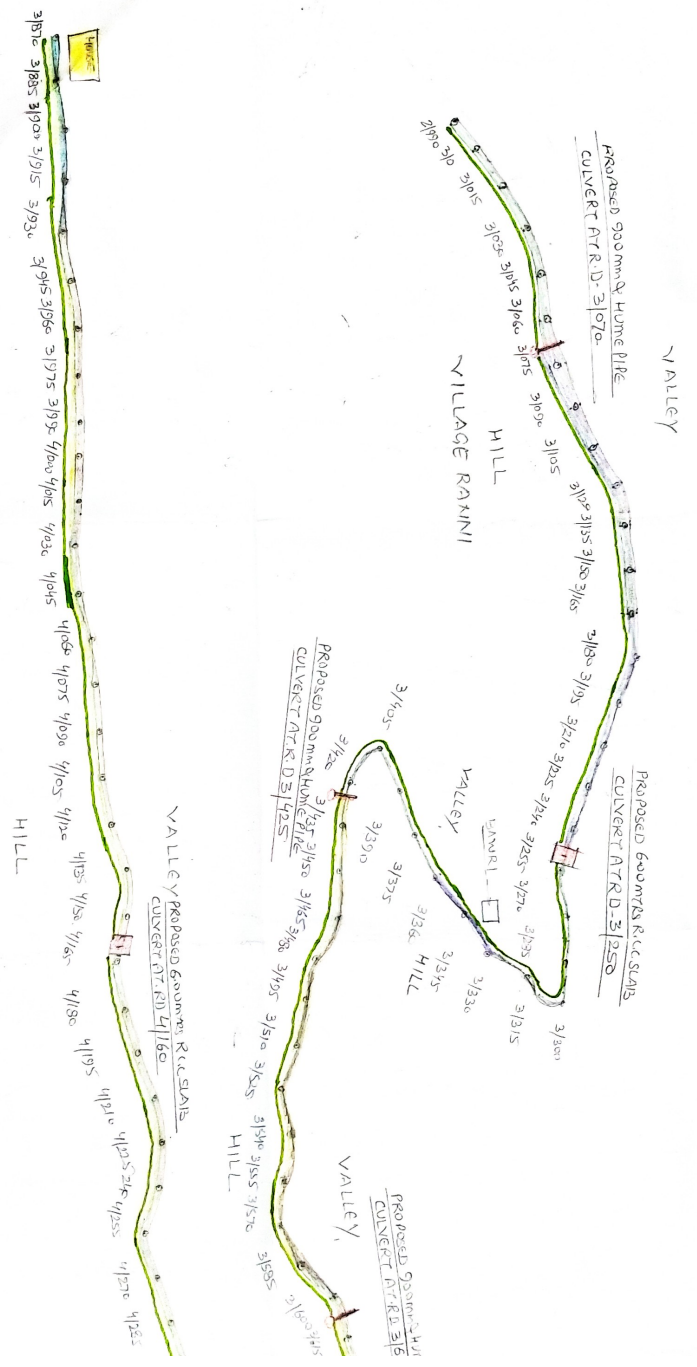
SNO	REFERENCE	SYMBOL / COLORES.
1	CROSS DRAINAGE	
2	R/WALL	
3	PAYER BLOCK	
4	BLACK TOP	
5	V-SHAPE SIDE DRAIN.	
6	FOREST LAND	
7	PRIVATE LAND	



Executive Engineer,
 Bilaspur Division No. 2,
 H.P. P.W.D., Bilaspur (HP).

Divisional Forest Officer,
 Bilaspur Forest Division,
 Bilaspur (H.P.)

SITE PLAN SHOWING C/O LINK ROAD PASSI TU GHAWANDAL KM QUT C/O
 PORTION:- 3/1076 3/385 & 3/385 TO 4/575



SNO	REFRA
1.	CROSS DRAINING
2.	R/WALL
3.	PAYER BLOCK
4.	HOUSE
5.	BLACK TOP
6.	U-SHAPESIDE I
7.	V-SHARE SIDE
8.	FOREST LAND
9.	PRIVATE LAN

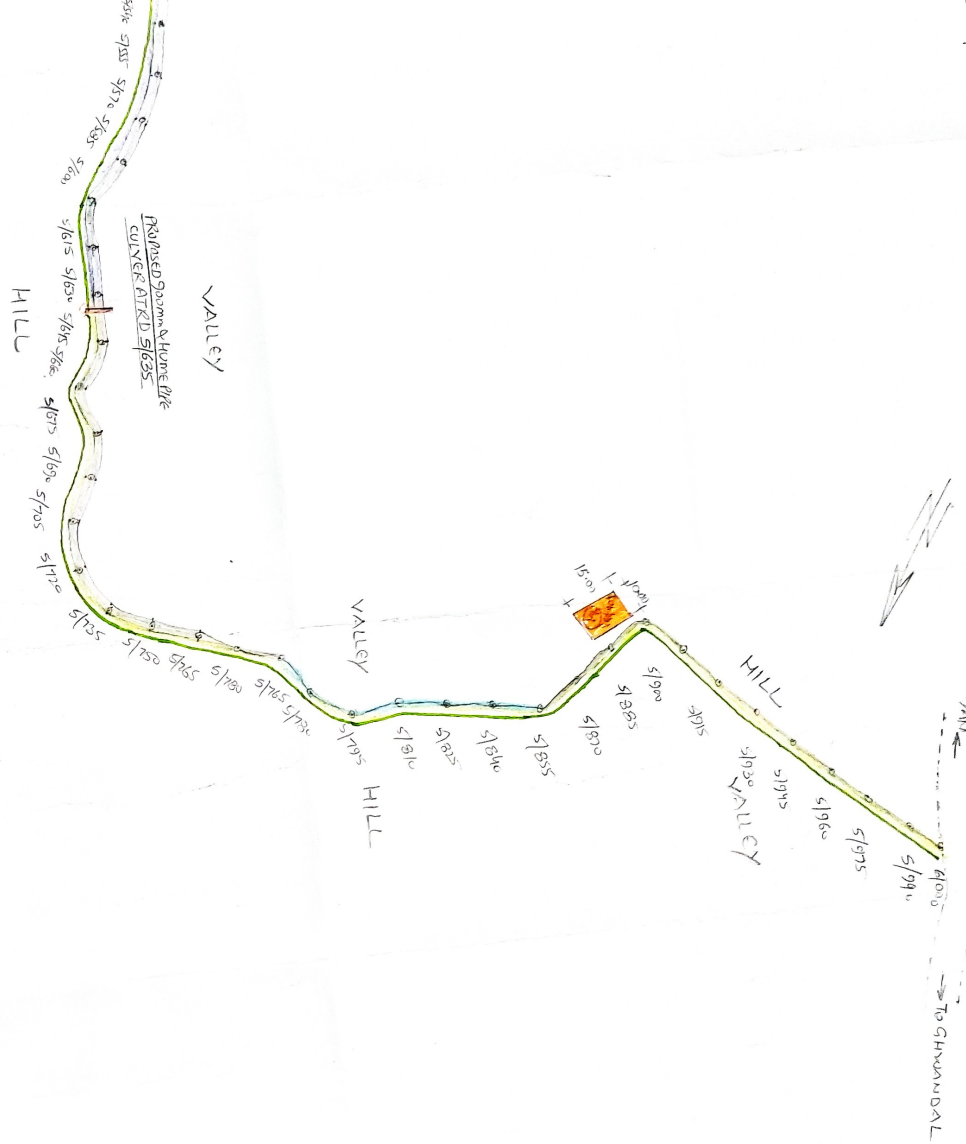
3/25

TO GHAWADAL Km q to 6/0

SHEET No. 4.
SCALE: 1cm: 1000cm

VILLAGE ANJAL,

TO THIRUAKOLLYM
TO GHAWADAL



SNO	REMARKS	SYMBOL / COLOR
1.	CROSS DRAINAGE	Red
2.	R WALL	Blue
3.	PAVE R BLOCK	Green
4.	BACK TOP	Purple
5.	U-SHAPE SIDE DRAIN	Yellow
6.	V-SHAPE SIDE DRAIN	Orange
7.	FOREST LAND	Light Green
8.	PRIVATE LAND	Light Blue
9.	DUMPING SITE	Orange



Executive Engineer,
Bhaskar, Division No. 2,
HP, PWD, Bangalore (HP).

Optional (Signature)
Bhaskar (Name)
Bhaskar (Address)

MUCK MANAGEMENT PLAN

FULL Title of the Project: - C/O Link Road from Bassi -Ghwandal KM O/000-6/00
(SH: - Formation cutting and removal of formation deficiency)

Total Qty of Muck being produced		5424.24 m ³
1	Deduction for useful stone as required under the clause of agreement.	542.42 m ³
2	Balance quantity of muck = 5424.24 -542.42	4881.82 m ³
3	Add Qty. available on site (With Swell factor @ 40% on 2)	1952.73 m ³
	Total Loose qty at site = 2+3 (A)	6834.55 m ³
	Muck to be used	
4	Muck required for construction of proposed road on the analogy of half cutting and half filling @ 25 % of (A)	1708.63 m ³
5	Muck required for the leveling of proposed road @ 15 % (A)	1025.18 m ³
6(i)	Muck used for Kharanja Soling and binding material (GSB)	449.87 m ³
(ii)	Muck used for Back filling in R/Wall	263.08 m ³
(iii)	Muck used for berm filling	263.08 m ³
(iv)	Muck used for culvert filling	175.38 m ³
	Total of sub 6 i.e. (i+ii+iii+iv)	1151.41 m ³
	Loose qty of Sub head 6= 1151.41 x 40%	460.56 m ³
	Total loose quantity	1611.97 m ³
	Total muck to be used = 4+5+6	4345.78 m ³
	Muck / Debris left at site which required carriage to the proper dumping site duly recognized as per the instruction of Forest and Environment Ministry reinforced by various judgment of the Apex Court Govt. of India (A-B)	2488.77 m ³
	Say	2489.00 m ³

Sm
JE

Assistant Engineer
Sub Division Shri Naina Devi Ji
HPPWD Shri Naina Devi Ji

Executive Engineer
Bilaspur Division No-2
HPPWD Bilaspur

Divisional Forest Officer
Bilaspur Forest Division,
Bilaspur (H.P.)

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PROFORMA NO-XV

STATEMENT SHOWING THE DUMPING PLACE AND QUANTITY OF MUCK/DEBRIS TO BE DUMPED WITH OTHER DETAIL CONSTRUCTION OF LINK ROAD from BASSI TO GHWANDAL KM 0/000-6/000 IN DISTT. BILASPUR (H.P.) Under NABARD PROPOSAL NO.FP/HP/ROAD/39140/2020

Sr No.	Name of the component from where muck/debris be produced	Total muck to be produced in m3	Qty. of muck/debris to be utilized locally m3	Qty. of muck/debris to be dumped on contract basis	Factor of increase in volume for dumping	Qty. of muck/debris to be dumped on basis of increase	Name of dumping place	Locating place village	Distance of dumping place from near by river	Area of dumping place with length and breadth in Meters	Area of forest land out of land in Co. 4	Height of muck/debris dump is expected meter	Height of expected made up soil	Remarks /capacity of dumping sites
1	CONSTRUCTION OF LINK ROAD from BASSI TO GHWANDAL KM 0/000-6/000 IN DISTT. BILASPUR (H.P.)	6834.55 M3	4345.78 m3	2489.0 m3	As per muck management plan attached	As per Performance of muck management plan attached @ 2489.0 M3	Ajnol	KH No 229/22 7	7.00 KM	0.015 Hect		0.00+5.00 2	0.00+5.00 2	Detail attached 2490.50 cum Page-cum
	(SH:- Formation cutting and removal of formation deficiency) Under NABARD)						Ajnol	KH No 229/22 7	6.00 KM	0.025 Hect		0.00+5.00 2	0.00+5.00 2	
							Ajnol	KH No 229/22 7	4.50 KM	0.015 Hect		0.00+5.00 2	0.00+5.00 2	
							Ajnol	KH No 229/22 7	2.5 KM	0.015 Hect		0.00+4.00 2	0.00+4.00 2	

Assistant Engineer
Sub Division Shri Naina Devi Ji
HPPWD Shri Naina Devi Ji

Executive Engineer
Bilaspur Division No-2
HPPWD Bilaspur

Divisional Forest Officer
Bilaspur Forest Division,
Bilaspur (H.P.)

Signature


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PROPOSED DUMPING SITES


FULL Title of the Project: - C/O Link Road from BASSI TO GHWANDAL KM 0/000-6/000 (SH: - Formation cutting and removal of formation deficiency.) (UNDER NABARD)

Muck / Debris left at site which required carriage to the proper dumping site duly recognized as per the instruction of Forest and Environment Ministry reinforced by various judgment of the Apex Court Govt. of India

Sr. No	Dumping Site No	RD No/ KH NO	Design Annexéd YES/NO	Capacity	Remarks
1	1	Ajrol 229/227	Yes	566.25 m3	
2	2	Ajrol 229/227	Yes	971.75 m3	
3	3	Ajrol 229/227	Yes	525.00 m3	
4	4	Ajrol 229/227	Yes	427.50 m3	
		TOTAL:-		2490.50 m3	


Assistant Engineer
Sub Division Shri Naina Devi Ji
HPPWD Shri Naina Devi Ji


Executive Engineer
Bilaspur Division No-2
HPPWD Bilaspur

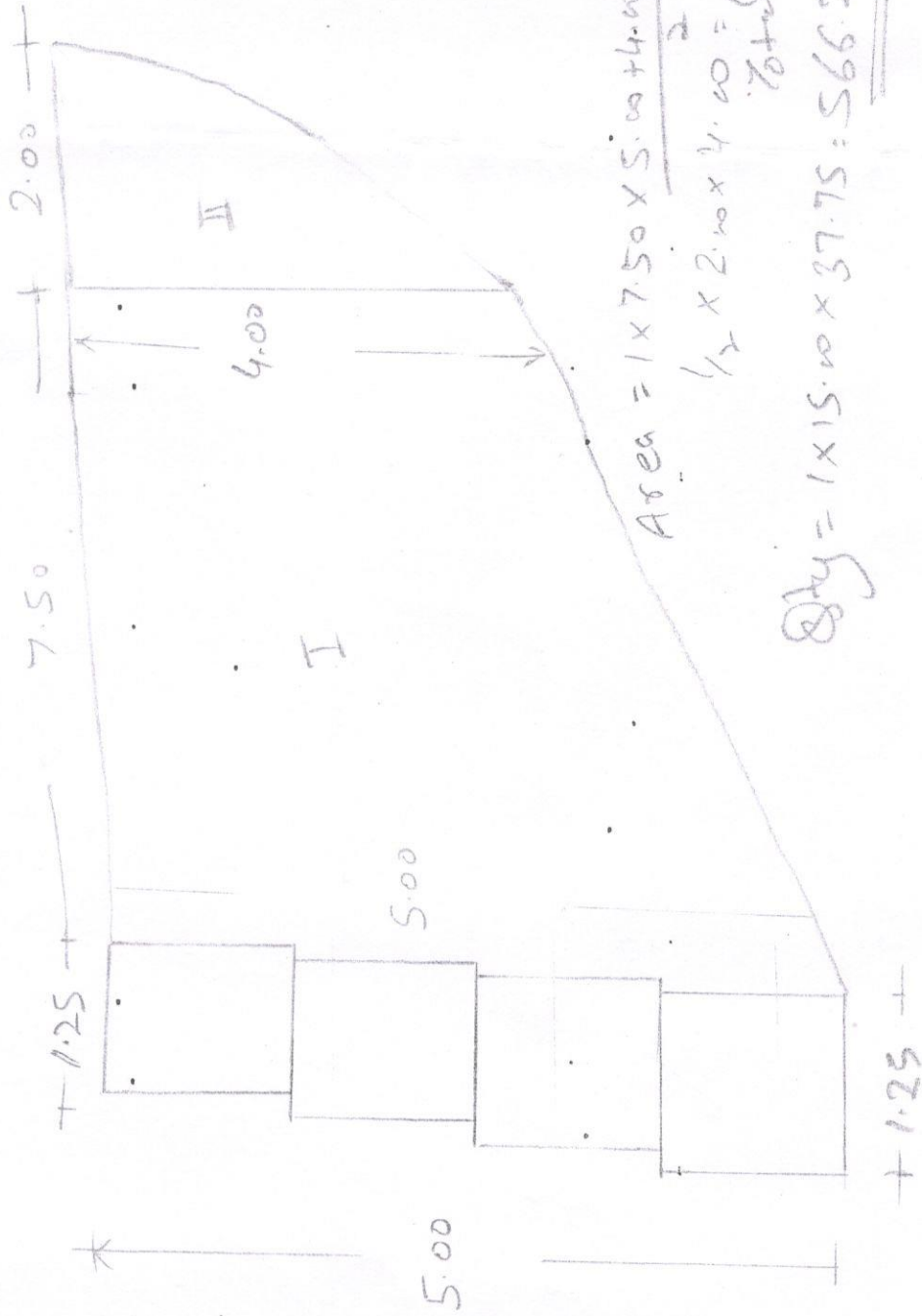

Divisional Forest Officer
Bilaspur Forest Division,
Bilaspur (H.P.)



DUMPING SITE DETAILS

NAME OF WORK:- Diversion of 3.6645 ha of forest land in favour of HPPWD for the construction of link road for the construction of link road from Bassi to Ghwandal km 0/000-6/000 within the jurisdiction of Bilaspur forest Division.

DUMPING SITE NO:- I



[Signature]
 Assistant Engineer
 Shri Naina Devi Ji Sub-Division
 HP-PWD - Shri Naina Devi Ji

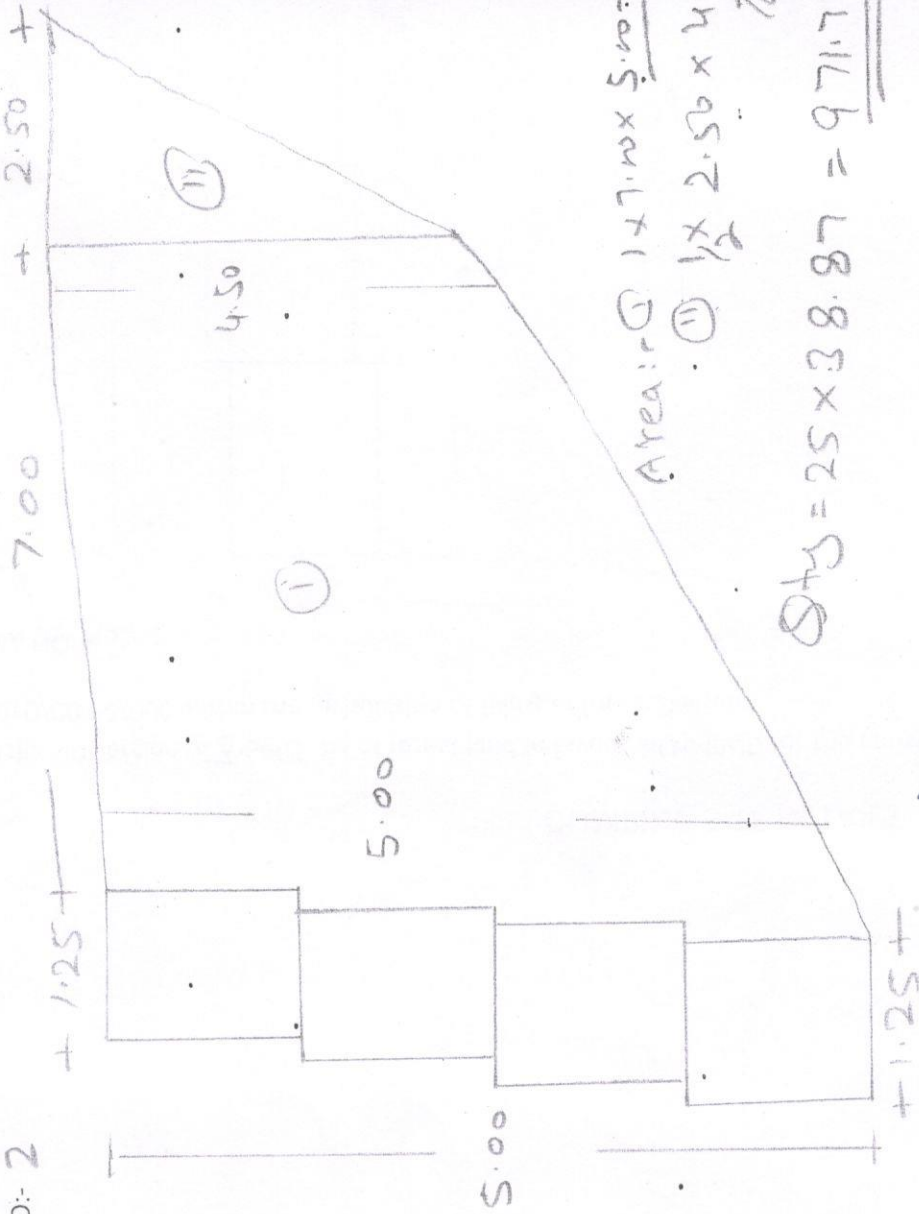
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 Executive Engineer,
 Bilaspur Division No. 2,
 HP. PWD., Bilaspur (HP).

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[Signature]
 Divisional Forest Officer
 Bilaspur Forest Division,
 Bilaspur (H.P.)

DUMPING SITE DETAILS

NAME OF WORK:- Diversion of 3.6045 ha of forest land in favour of HPPWD for the construction of link road for the construction of link road from Bassi to Ghwandal km 0/000-6/000 within the jurisdiction of Bilaspur forest Division.

DUMPING SITE NO:- 2



Area: (I) $1 \times 7.00 \times 5.00 + 4.50 = 33.25 \text{ m}^2$
 (II) $\frac{1}{2} \times 2.50 \times 4.50 = 5.62 \text{ m}^2$
 Total = 38.87 m²

Qty = $25 \times 38.87 = 971.75 \text{ m}^3$

[Signature]
 Assistant Engineer
 Shri Naina Devi Ji Sub-Division
 HP-PWD- Shri Naina Devi Ji

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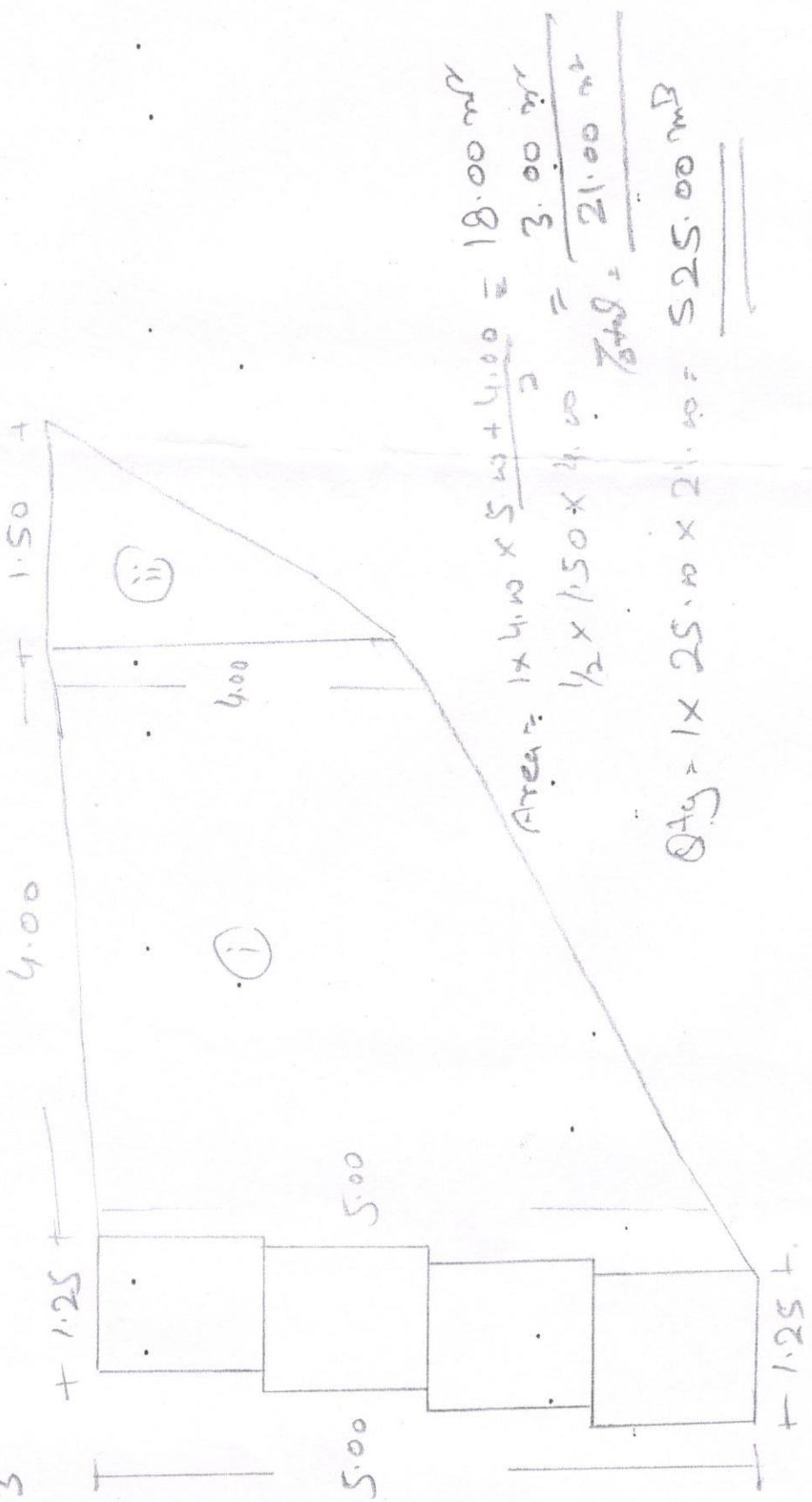
Executive Engineer,
 Bilaspur Division No. 2,
 HP-PWD, Bilaspur (HP).

[Signature]
 Divisional Forest Officer
 P. P. Forest Division,
 Bilaspur (H.P.)

DUMPING SITE DETAILS

NAME OF WORK:- Diversion of 3.6245 ha of forest land in favour of HPPWD for the construction of link road for the construction of link road from Bassi to Ghwandal km 0/000-6/000 within the jurisdiction of Bilaspur forest Division.

DUMPING SITE NO:- 3



[Signature]
 Assistant Engineer
 Shri Naina Devi Ji Sub-Division
 HP-PWD- Shri Naina Devi Ji

[Signature]
 Executive Engineer,
 Bilaspur Division No. 2,
 HP-PWD, Bilaspur (HP).

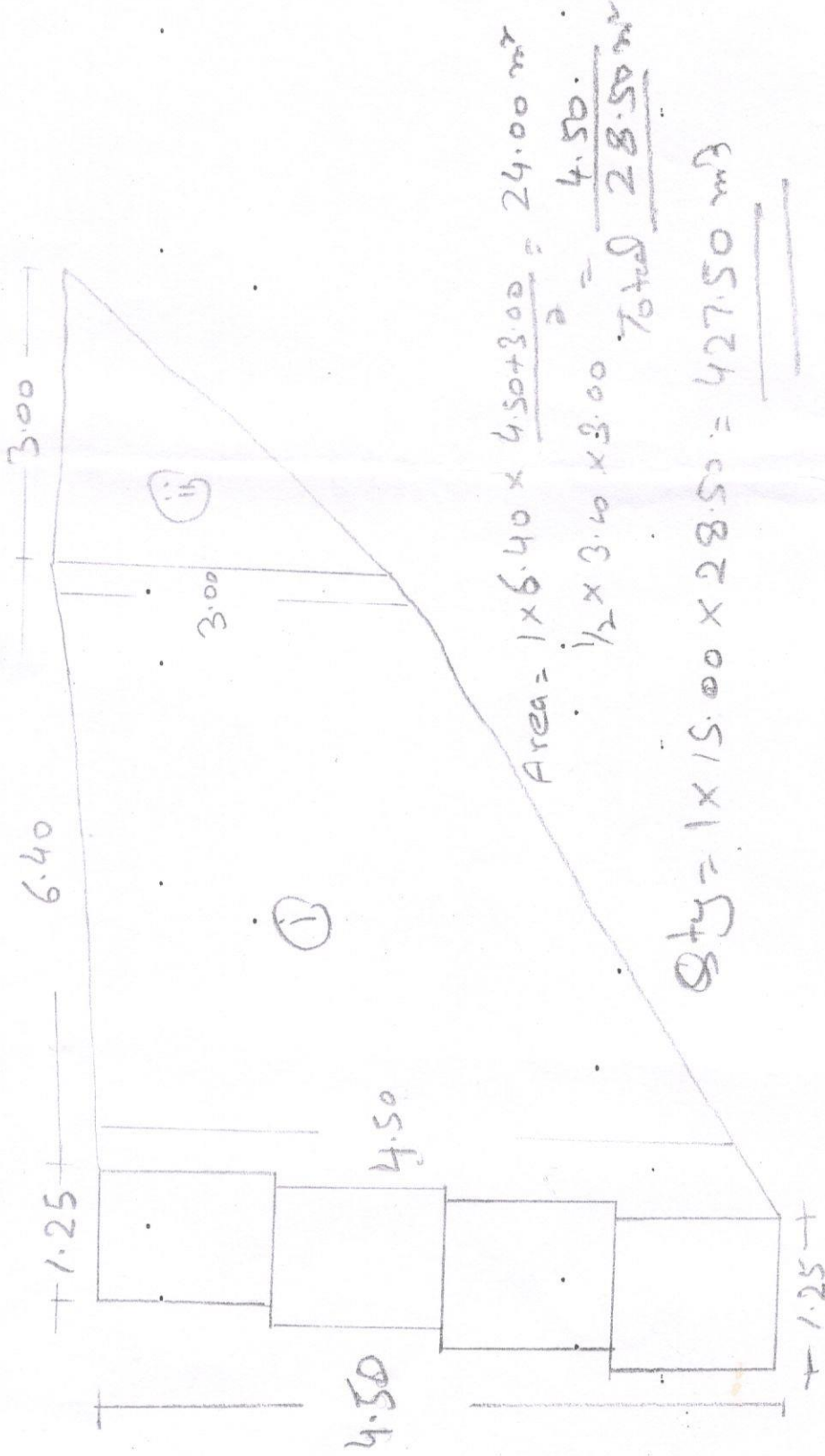
[Signature]
 Divisional Forest Officer,
 Bilaspur Forest Division,
 Bilaspur (H.P.)

[Signature]

DUMPING SITE DETAILS

NAME OF WORK:- Diversion of 3.6045 ha of forest land in favour of HPPWD for the construction of link road for the construction of link road from Bassi to Ghwandal km 0/000-6/000 within the jurisdiction of Bilaspur forest Division.

DUMPING SITE NO:- 4



$$\text{Qty} = 1 \times 15.00 \times 28.50 = 427.50 \text{ m}^3$$

RWD
 Assistant Engineer
 Shri Naina Devi Ji Sub-Division
 HP-PWD- Shri Naina Devi Ji

HPD
 Executive Engineer,
 Bilaspur Division No. 2,
 HP-PWD., Bilaspur (HP),

us
 Divisional Forest Officer
 Bilaspur Forest Division,
 Bilaspur (H.P.)

SD