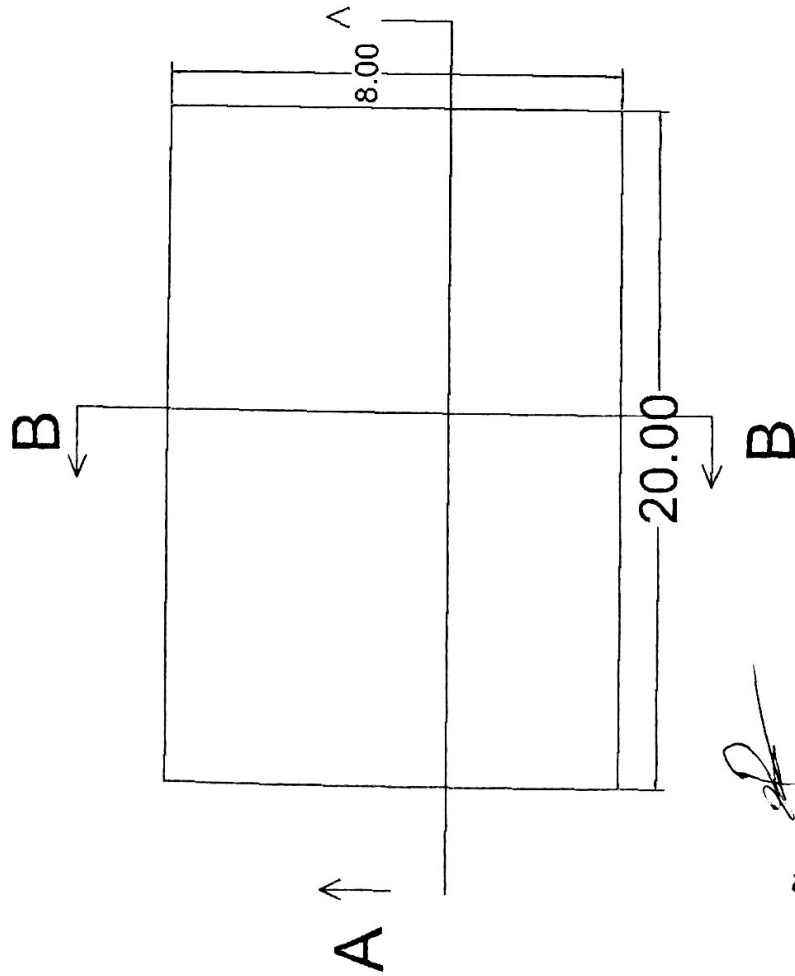


DETAILS OF MUCK GENERATION ,Utilization and Dumping								
Project Name : Shanag Middle HEP (100KW)								
S.No	Name of Component	Quantity of muck/debris generated (Cum)	Quantity of muck with 45% swell factor (Cum)	Total quantity of muck/debris including swell factor (Cum)	Estimated quantity of muck/debris proposed to be utilized (Cum)	Estimated quantity of muck/debris proposed to be dumped (Cum)	Capacity of dumping site (Cum)	Name of dumping site as shown in the plan
	1	2	3	4=(2 + 3)	5	6=(4 - 5)	7	8
1	Weir site	80.00	36.00	116.00	46.40	69.60	100.00	Muck dumping -4
2	Feeder pipe	5.70	2.57	8.27	3.31	4.96		
3	D-Tank	150.00	67.50	217.50	87.00	130.50	310.00	Muck dumping -1
4	Flushing pipe	15.00	6.75	21.75	8.70	13.05		
5	Penstock	52.50	23.63	76.13	30.45	45.68	70.00	Muck dumping-2
6	Penstock-1	54.90	24.71	79.61	31.84	47.76	310.00	Muck dumping-3
7	Power house	202.50	91.13	293.63	117.45	176.18		
8	Tailrace	68.00	30.60	98.60	39.44	59.16		
	Total	628.60	282.87	911.47	364.59	546.88	790.00	

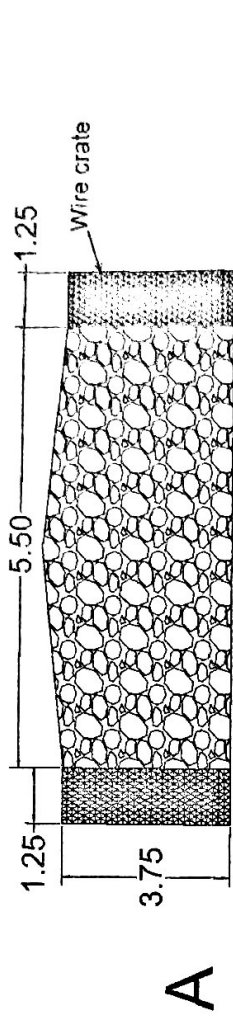


SHANAG MIDDLE HEP (100KW)

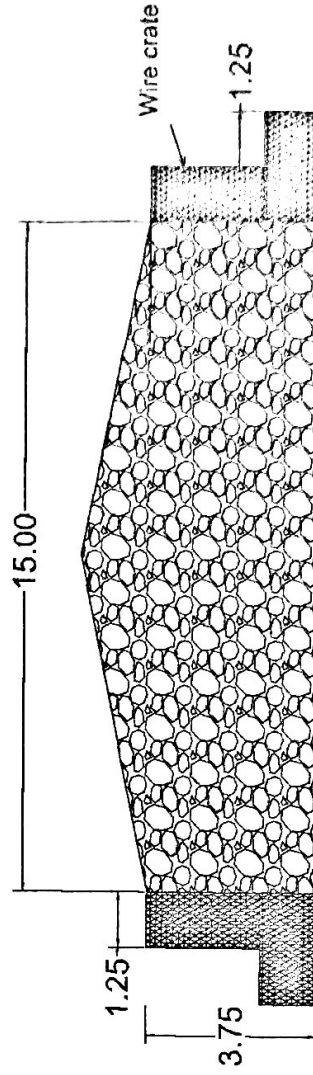
Dumping site -1



SHANAG MIDDLE HEP (100KW) Layout Plan



Section B - B

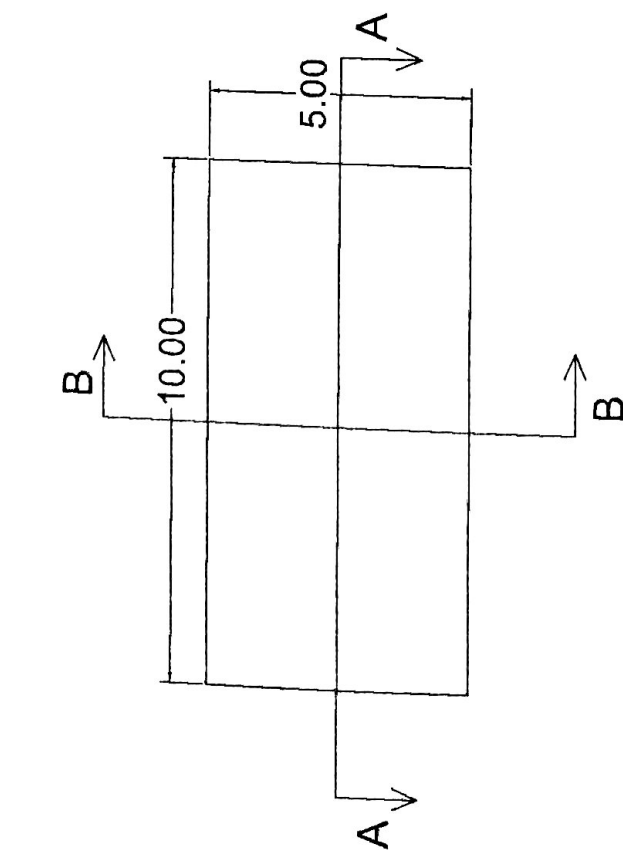


Section A - A

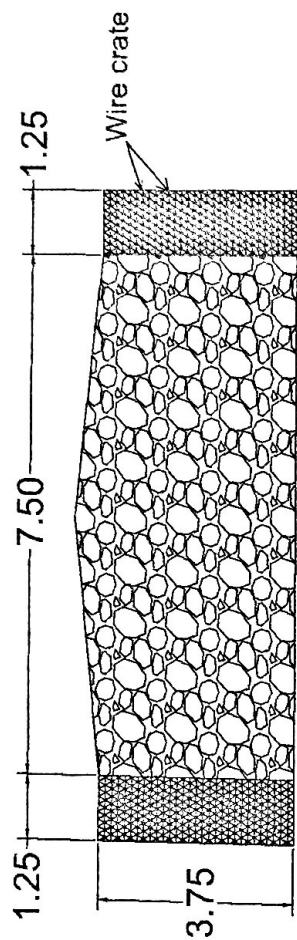
Note : All dimaneseions are in meter
Capacity of dumping site - 310 Cum

Project Name : Shanag Middle HEP 100KW

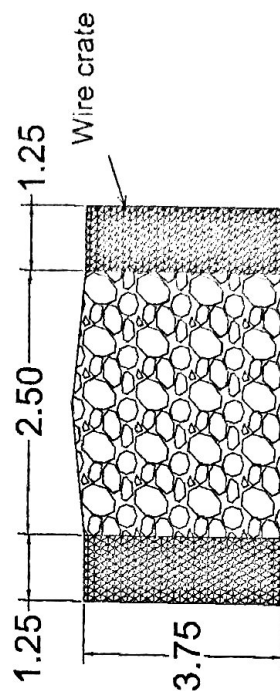
Dumping site -2



Layout plan



Section A - A



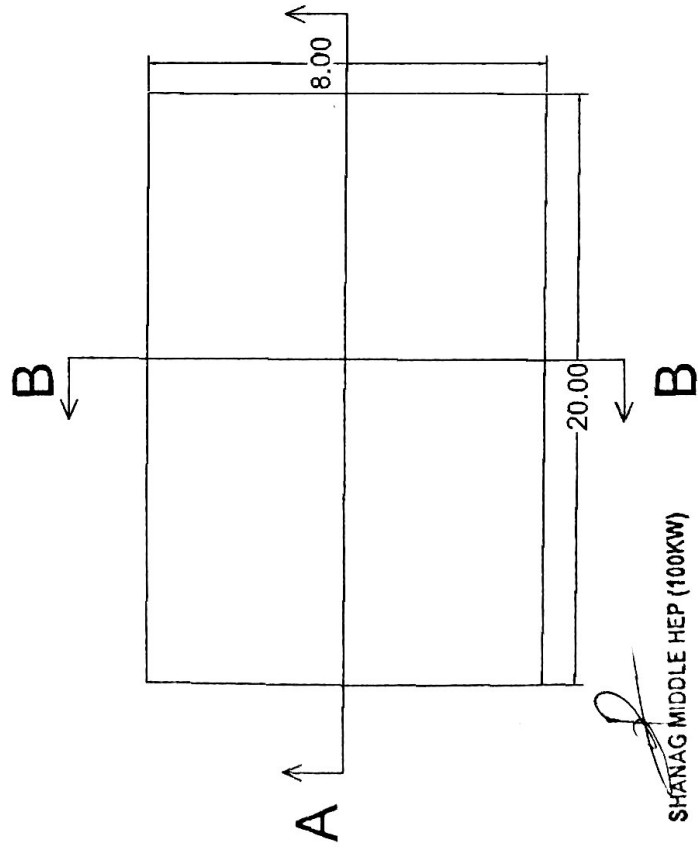
Section B - B


SHANAG MIDDLE HEP (100KW)

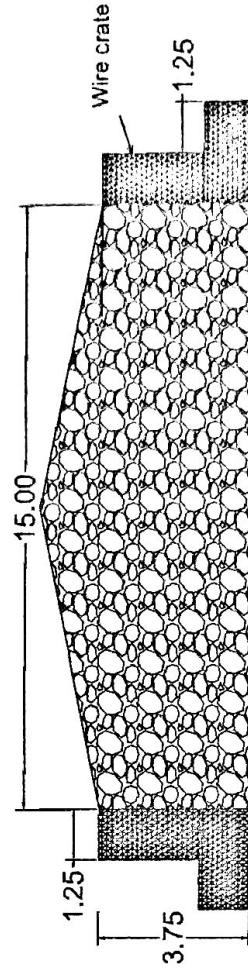
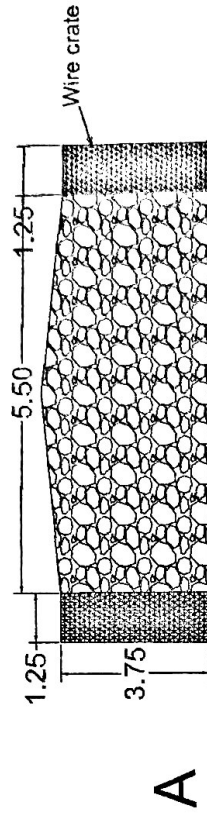
Note : All dimaneseions are in meter
Capacity of dumping site - 70 Cum

Project Name : Shanag Middle 100KW

Dumping site -3



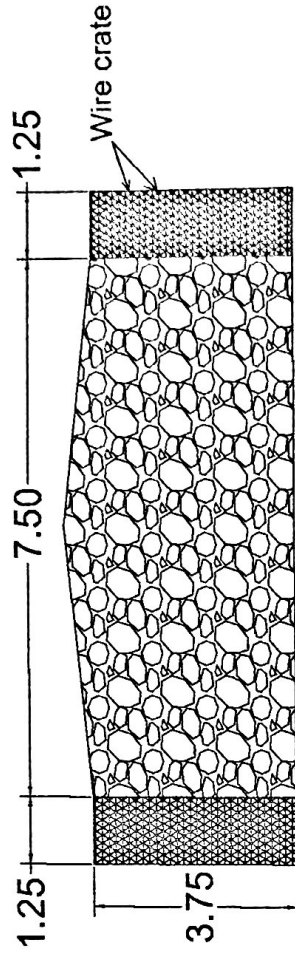
Layout plan



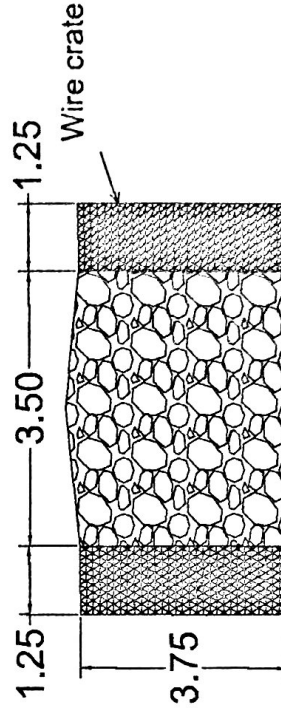
Note : All dimensions are in meter
Capacity of dumping site - 310 Cum

Project Name : Shanag Middle HEP 100KW

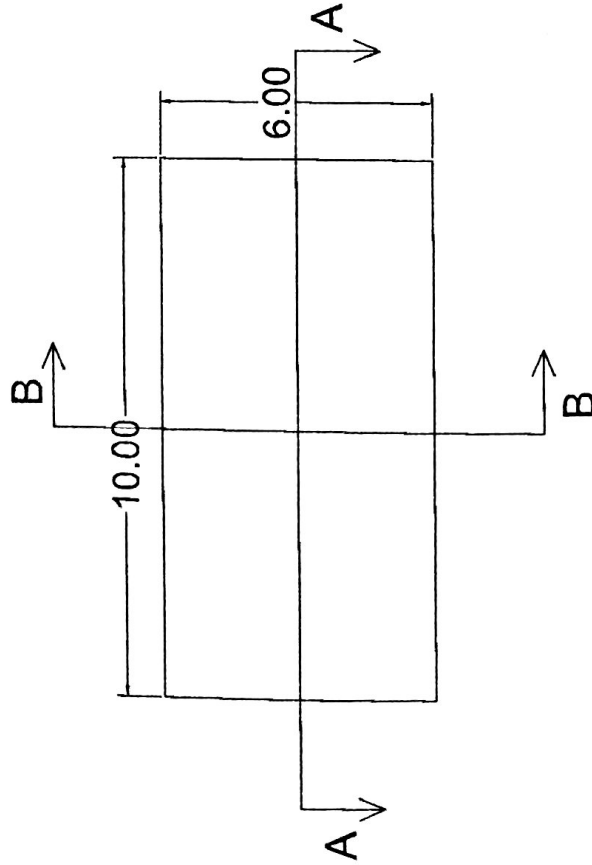
Dumping site -4



Section A - A



Section B - B



Layout plan

SHANAG MIDDLE HEP (100KW)

Note : All dimanestions are in meter
Capacity of dumping site - 100 Cum

Project Name : Shanag Middle 100KW