

## Model Plan related to Engineering Measures for Stabilization of Muck Dumping Sites in Forest Area

Typical estimate for the construction of Crated Wall to protect dumping sites of surplus Muck /Excavated Material in forest as per Engineering Measures.

Taking length of Crated wall = 40.00mtr

Trench Excavation in Dense soil

for structure

$$\begin{aligned} &= 1 \times 40.00 \text{ mtr} \times 1.20 \text{ mtr} \times 0.90 \text{ mtr} \\ &= 43.20 \text{ Cum @ Rs 120.00/Cum} \\ &= \text{Rs } 5184.00 \end{aligned}$$

For two layer Crated Wall ,

Quantity

$$= 2 \times 40.00 \text{ mtr} \times 1.20 \text{ mtr} \times 1.20 \text{ mtr} = 115.20 \text{ Cum}$$

Amount


$$\begin{aligned} &= 115.20 \text{ Cum @ Rs. 2000.00 /Cum (Including cost of} \\ &\text{Crates and labour for handling of available stones)} \\ &= \text{Rs } 230400.00 \end{aligned}$$

Total Rate for 40.00 mtrs Two Layered Crated Wall = Rs.(5184+230400)

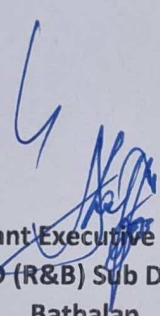
$$= \text{Rs } 235584.00$$

Rate per Mtr.

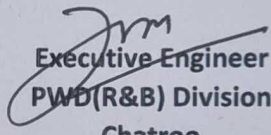
$$= \text{Rs } 5889.60 \text{ (Say } 5889.00/\text{Mtr).}$$



Junior Engineer

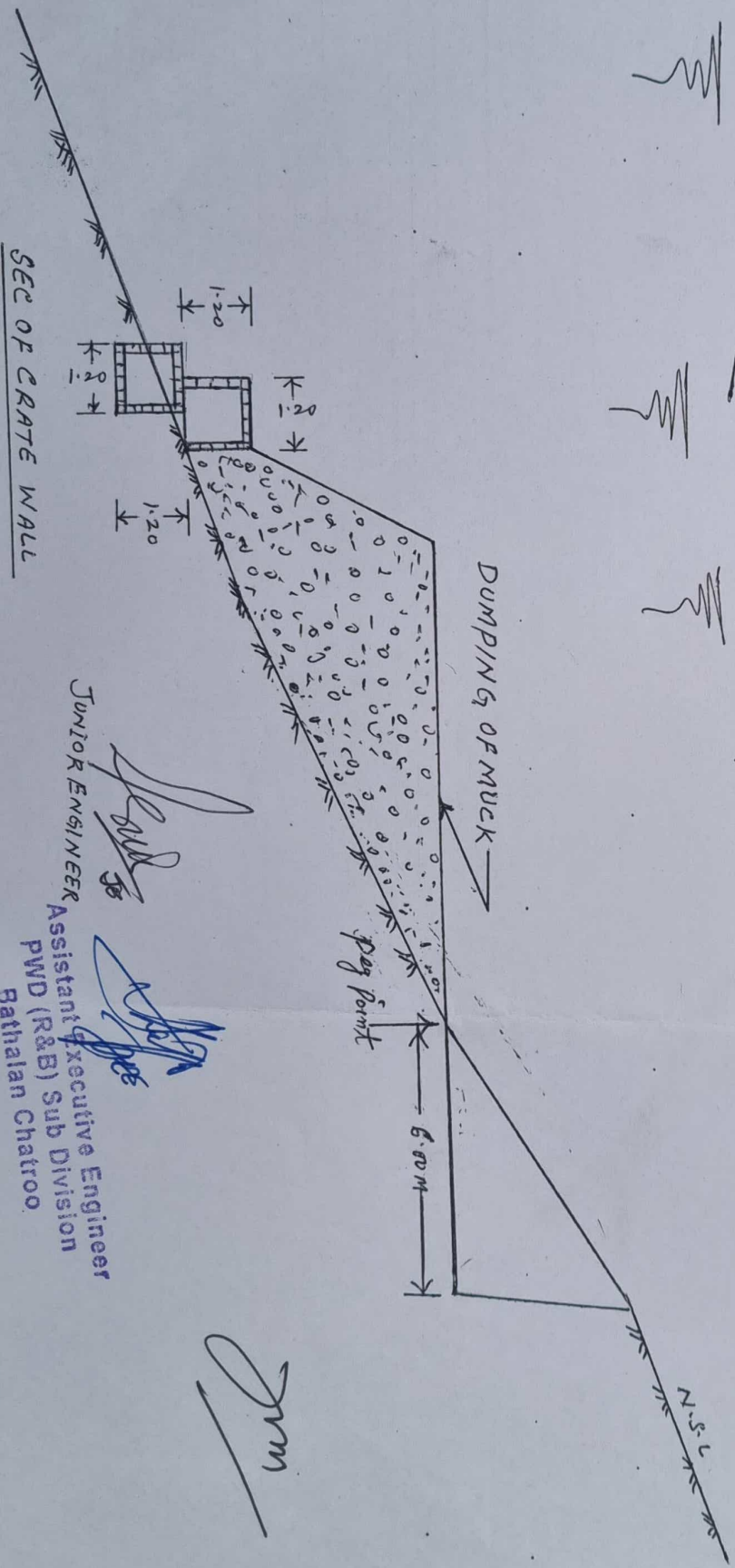
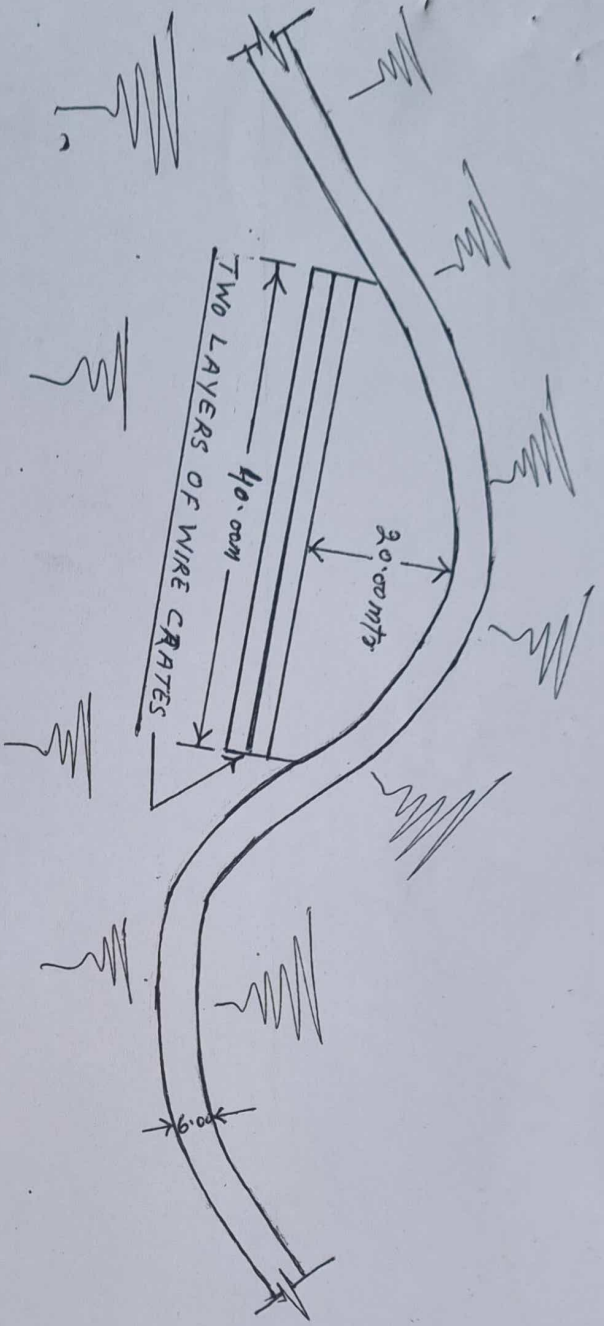


Assistant Executive Engineer  
PWD (R&B) Sub Division  
Bathalan



Executive Engineer  
PWD (R&B) Division  
Chatroo

TYPICAL SITE PLAN AND  
 X-SEC FOR STABILIZATION OF  
 MUCK AND SURPLUS MATERIAL  
 IN FOREST AREA ON  
 PANDITGAM TO CHANSERI  
 LINK ROAD  
 SCALE SITE PLAN: 1cm = 6.00 MTR  
 X-SEC: 1cm = 1 MTR.



Junior Engineer  
 Assistant Executive Engineer  
 PWD (R&B) Sub Division  
 Pathalan Chattoo

*[Signature]*

*[Signature]*

*[Signature]*