

(Annexure-H)

Full Title of the project: Diversion of 0.199117 Ha. of Forest Land for Construction of approach access road to Residential Property of M/s "Sh. Munish Avasthi & Raj Kumar Avasthi at Village Morkarima at Km. 103.350 (R.H.S) on NH-95, Tehsil Mullanpur Dakha, Distt Ludhiana. Under Forest Division Ludhiana.

Calculation Chart

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TOTAL PROJECT AREA

$$67.00 \times 38.35 = 2569.50 \text{ SQM}$$

$$\text{AREA IN HECTARE} = 0.25695 \text{ HEC}$$

APPROACH AREA

$$\text{TOTAL APPROACH AREA} = A + B + C + D + E + 2F$$

$$\text{AREA OF A} = 270 \times 5.50 = 1485.00 \text{ SQM}$$

$$\text{AREA OF B} = 70.64 \times 5.50 = 388.52 \text{ SQM}$$

$$\text{AREA OF C} = 13.50 \times 5.50 = 47.25 \text{ SQM}$$

$$\text{AREA OF D} = 1/2 \times 17.10 \times 5.50 = 47.02 \text{ SQM}$$

$$\text{AREA OF E} = 9.00 \times 2.00 = 18.00 \text{ SQM}$$

$$\begin{aligned} \text{AREA OF 2F} &= 2(1/2 \times 2.00 \times 3.00) \\ &\quad - 2(2/3 \times 3.61 \times 0.13) = 5.38 \text{ SQM} \end{aligned}$$

$$\begin{aligned} \text{TOTAL AREA} &= 1485.00 + 388.52 + 47.25 + 47.02 + 18.00 + 5.38 \\ &= 1991.17 \text{ SQM} \end{aligned}$$

$$\text{AREA OF HECTARE} = 0.199117 \text{ HEC.}$$

DIVISIONAL FOREST OFFICER
Ludhiana Forest Division
Ludhiana