

Area Calculation Sheet as per Approved Layout Plan

Proposed Reliance Industries Limited Retail Outlet on (SH-14) Garh-Meerut-Bagpat-Sonipat Road, Near Km Stone No. 53 (CH. 52.540), Village- Maliyana, Tehsil – Meerut Sadar, District- Meerut (U.P)

Entry Area approach to Retail Outlet

$$\begin{aligned} &= A A1 A2 + A1 A2 E B2 + A1 B B3 + B B1 B2 B3 \\ &= [(11.289m \times 11.289m) - \{3.14 \times (11.289m \times 11.289m)/4\}] + (14.5015m \times 8.095m) + \\ &\quad \{1/2 \times (8.83m \times 2.4054m) + (12.0476m \times 8.83m)\} \\ &= 27.40 \text{ SqM} + 117.39 \text{ SqM} + 10.62 \text{ SqM} + 106.38 \text{ SqM} \\ &= 261.79 \text{ SqM} \end{aligned}$$

Area in Between Entry & Exit

$$\begin{aligned} &= B1 B2 C3 C2 + B2 C3 E F \\ &= (16.079m \times 8.83m) + (16.079m \times 8.095m) \\ &= 141.98 \text{ SqM} + 130.16 \text{ SqM} \\ &= 272.14 \text{ SqM} \end{aligned}$$

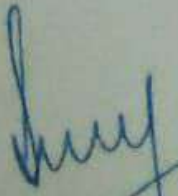
Area of Exit approach from Retail Outlet

$$\begin{aligned} &= DD1D2 + D1D2FC3 + C1C2C3D1 + CC1D1 \\ &= [(11.9903m \times 11.9903m) - \{3.14 \times (11.9903m \times 11.9903m)/4\}] + (12.469m \times 8.095m) + \\ &\quad \{1/2 \times (12.0m + 12.469m) \times 8.83m\} + \{1/2 \times (4.116m \times 8.83m)\} \\ &= 30.91 \text{ SqM} + 100.94 \text{ SqM} + 108.03 \text{ SqM} + 18.17 \text{ SqM} \\ &= 258.05 \text{ SqM} \end{aligned}$$

Total Forest Area Proposed to be Diverted

$$\begin{aligned} &= 261.79 \text{ (Entry Area) SqM} + 272.14 \text{ (Separator) SqM} + 258.05 \text{ (Exit Area) SqM} \\ &= 791.98 \text{ SqM} \\ &= 0.079198 \text{ Ha.} \end{aligned}$$

$$\begin{aligned} \text{Total Area of Non Forest Land} &= 1928.69 \text{ Sqm} \\ &= 0.192869 \text{ Ha.} \end{aligned}$$


19/4/19
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