



AREA CALCULATION SHEET AS PER APPROVED LAYOUT PLAN

PROPOSED PROTECTED FOREST LAND PROPOSED TO BE DIVERTED FOR ENTRY/EXIT AND MIDDLE APPROACH TO RELIANCE BP MOBILITY LIMITED NEW RETAIL OUTLET ON AGRA - JAGNER ROAD, (SH-39), AT KM STONE-243, CHAINGE NO- 242.576 (RHS), KHASRA NO-316, VILLAGE- NAGLA DULHE KHAN, TEHSIL- KHERAGARH & DISTRICT- AGRA, (U.P.)

Entry Area approach to Retail Outlet

$$\begin{aligned} &= A_1, A_2 + A_1, A_2, A_4 + A_2, A_3, A_4 + A_4, A_5, A_3 + A_3, B_5, A_5 + A_5, B_5, B_4 + B_3, B_4, B_5 + B_2, B_3, B_4 + \\ &\quad B_1, B_2, B_3 + B_1, B_2 \\ &= \{1/2 \times (82.821m \times 7.236m)\} + \{1/2 \times (6.744m \times 7.236m)\} + \{1/2 \times (3.926m \times 8.395m)\} + \{1/2 \times (6.873m \times \\ &\quad 8.395m)\} + \{1/2 \times (6.169m \times 10.763m)\} + \{1/2 \times (7.930m \times 12.068m)\} + \{1/2 \times (3.845m \times 12.271)\} + \\ &\quad \{1/2 \times (5.931m \times 12.095m)\} + \{1/2 \times (4.352m \times 12.271)\} + \{1/2 \times (7.896m \times 13.576)\} \\ &= 299.645 \text{ Sqm} + 24.400 \text{ Sqm} + 16.479 \text{ Sqm} + 28.849 \text{ Sqm} + 33.198 \text{ Sqm} + 47.850 \text{ Sqm} + 23.591 \text{ Sqm} \\ &\quad + 35.868 \text{ Sqm} + 26.702 \text{ Sqm} + 53.598 \text{ Sqm} \\ &= \mathbf{590.180 \text{ Sqm}} \end{aligned}$$

Area in Between Entry & Exit (Separator)

$$\begin{aligned} &= A_1, E, B + B, C, E, F + D_1, E, C \\ &= [(19.148m \times 19.360m) - \{3.14 \times (19.148m \times 19.360m)/4\}] + (31.480m \times 19.360m) + [(18.555m \times 19.360m) - \\ &\quad \{3.14 \times (18.555m \times 19.360m)/4\}] \\ &= 79.701 \text{ Sqm} + 609.452 \text{ Sqm} + 77.234 \text{ Sqm} \\ &= \mathbf{766.387 \text{ Sqm}} \end{aligned}$$

Area of Exit approach from Retail Outlet

$$\begin{aligned} &= D, D_1, D_2 + D_1, D_2, D_3 + D_1, D_3, D_4 + D_3, D_4, D_5 + D_3, D_5, D_6 + D_5, D_6, C_6 + D_6, C_5, C_6 + C_4, C_5, C_6 + \\ &\quad C_3, C_4, C_5 + C_2, C_3, C_4 + C_1, C_2, C_3 + C, C_1, C_2 \\ &= \{1/2 \times (69.454m \times 6.724m)\} + \{1/2 \times (41.005 \times 6.724m)\} + \{1/2 \times (41.083m \times 7.861m)\} \\ &\quad + \{1/2 \times (3.292m \times 7.861m)\} + \{1/2 \times (4.106m \times 8.155m)\} + \{1/2 \times (11.027m \times 11.663m)\} + \{1/2 \times (4.911m \\ &\quad \times 12.401m)\} + \{1/2 \times (7.892m \times 13.368m)\} + \{1/2 \times (2.592m \times 13.762m)\} + \{1/2 \times (6.451m \times 13.762m)\} + \{1/2 \times \\ &\quad (3.280m \times 14.614m)\} + \{1/2 \times (3.647m \times 14.614m)\} \\ &= 233.504 \text{ Sqm} + 137.859 \text{ Sqm} + 161.477 \text{ Sqm} + 12.939 \text{ Sqm} + 16.742 \text{ Sqm} + 64.304 \text{ Sqm} + \\ &\quad 30.451 \text{ Sqm} + 52.750 \text{ Sqm} + 17.836 \text{ Sqm} + 44.389 \text{ Sqm} + 23.967 \text{ Sqm} + 26.649 \text{ Sqm} \\ &= \mathbf{822.867 \text{ Sqm}} \end{aligned}$$

Total Protected Forest Area Proposed to be Diverted

$$\begin{aligned} &= 590.180 \text{ (Entry Area)} \text{ Sqm} + 766.387 \text{ (Separator)} \text{ Sqm} + 822.867 \text{ (Exit Area)} \text{ Sqm}. \\ &= 2179.434 \text{ Sqm} \\ &= \mathbf{0.2179434 \text{ Ha.}} \end{aligned}$$

Total Area of Non Forest Land as per Layout Plan

$$\begin{aligned} &= (60.000m \times 67.266m) \\ &= 4035.960 \text{ Sqm} \\ &= \mathbf{0.4035960 \text{ Ha.}} \end{aligned}$$

प्रतिहस्ताक्षरित

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