



शीर्षक:-जनपद आगरा में आगरा-जगनेर मार्ग (एस.एच.-39) कि.मी. 243 (चैनेज-242.576) के खसरा संख्या 316, ग्राम नगला दूल्हे खान, तहसील-खेरागढ़ पर (रिलायंस बी० पी० मोबिलिटी लिमिटेड) न्यू रिटेल आउटलेट के संपर्क मार्ग के निर्माण हेतु 0.2179434 हेक्टेयर संरक्षित वन भूमि के गैर वानिकी प्रयोग की अनुमति के सम्बन्ध में।

प्रस्ताव संख्या:-एफ0पी0/यू0पी0/एप्रोच/...../2022

दिनांक:- 30/05/2022

CALCULATION SHEET AS PER G.P.S. MAP AND PROPOSED LAYOUT PLAN

Entry Area approach to Retail Outlet

$$\begin{aligned} &= AA1A2 + A1A2A3A4 + A3A4A5 + A4A5B5 + B4B5A5 + B3B4B5 + B2B3B4 + B1B2B3 + BB1B2 \\ &= \{1/2 \times (34.917m \times 5.50m)\} + \{25.571m \times 5.50m\} + \{1/2 \times (5.231m \times 5.50m)\} + \{1/2 \times (4.537m \times 6.245m)\} + \\ &\{1/2 \times (6.245m \times 5.350m)\} + \{1/2 \times (4.471m \times 7.884m)\} + \{1/2 \times (7.134m \times 7.775m)\} + \{1/2 \times (6.013m \times 11.004m)\} + \\ &\{1/2 \times (11.567m \times 11.004m)\} \\ &= 96.021 Sqm + 140.460 Sqm + 14.385 Sqm + 14.166 Sqm + 16.705 Sqm + 17.624 Sqm + 27.733 Sqm \\ &+ 33.083 Sqm + 63.641 Sqm \\ &= 423.818 Sqm \end{aligned}$$

Area in Between Entry & Exit (Separator)

$$\begin{aligned} &= A1FB + BCEF + D1EC \\ &= [(49.112m \times 19.360m) - \{3.14 \times (49.112m \times 19.360m)/4\}] + (31.080m \times 19.360m) + [(84.280m \times 19.360m) - \\ &\{3.14 \times (84.280m \times 19.360m)/4\}] \\ &= 204.423 Sqm + 601.708 Sqm + 350.806 Sqm \\ &= 1156.937 Sqm \end{aligned}$$

Area of Exit approach from Retail Outlet

$$\begin{aligned} &= DD1D2 + D1D2D3D4 + D3D4D5 + D3D5C6 + C5C6D5 + C3C5C6 + C3C4C6 + C2C3C4 + C1C2C4 \\ &+ CC1C2 \\ &= \{1/2 \times (5.50m \times 30.0m)\} + (60.059m \times 5.50m) + \{1/2 \times (2.901 \times 5.50m)\} + \{1/2 \times (4.848m \times 6.025m)\} \\ &+ \{1/2 \times (3.249m \times 6.347m)\} + \{1/2 \times (4.878m \times 6.347m)\} + \{1/2 \times (4.082m \times 7.714m)\} + \{1/2 \times (7.208m \\ &\times 7.743m)\} + \{1/2 \times (6.089m \times 9.986m)\} + \{1/2 \times (11.559m \times 10.992m)\} \\ &= 82.50 Sqm + 330.324 Sqm + 7.977 Sqm + 14.604 Sqm + 10.310 Sqm + 15.385 Sqm + 15.744 Sqm \\ &+ 27.905 Sqm + 30.402 Sqm + 63.528 Sqm \\ &= 598.679 Sqm \end{aligned}$$

Total Protected Forest Area Proposed to be Diverted

$$\begin{aligned} &= 423.818(\text{Entry Area}) Sqm + 1156.937 (\text{Separator}) Sqm + 598.679 (\text{Exit Area}) Sqm. \\ &= 2179.434 Sqm \\ &= 0.2179434 Ha. \end{aligned}$$

Total Area of Non Forest Land as per Layout Plan

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

Place: -Gurugraam

(Signature of user agency)

Office seal