Protected Forest Land Calculation Sheet

Forest Land proposed for Exit/Entry and Middle of Indian Oil Corporation Ltd Retail Outlet on Budaun Kadarchok Gangapur Road Km-1 Ch. 0.765, Khasra No.282 Village: Shekhupur, Tehsil: Budaun, District: Badaun, Uttar Pradesh

Area as per Approved Layout Plan.
Entry to Petrol pump = Curve Polygon (ABA1) + Polygon (B B1 A2 A1)
$$= 36.34 + (11.8 * 11.5) \text{ sqm}$$
$$= (36.34 + 135.7) \text{ sqm}$$
$$= 172.04 \text{ sqm}$$

.Curve Radius = 13*13= 169
$$\pi r^2/4 = 3.14*13*13/4$$
$$= 132.66$$
Area of Curve Polygon = 169-132.66
$$= 36.34 \text{ sqm}$$

Protected Forest land B/W Entry/Exit = Polygon (B1 C1 D2 A2) = (11.8*13)sqm
Protected Forest land B/W Entry/Exit = 153.4 sqm

Exit from Petrol Pump = Polygon (C1 C D1 D2) + Polygon Curve (C D D1)
$$= (11.5*11.8 \text{sqm} + 36.34 \text{ sqm})$$
$$= (135.7 \text{sqm} + 36.34 \text{ sqm})$$
Protected Forest Area for Exit from Petrol Pump= 172.04 sqm

Total Proposed Protected Forest Area for Diversion
= 172.04 sqm (Entry) + 153.4 sqm (Forest Area B/W Entry & Exit) + 172.04 sqm (Exit)
$$= (172.04 + 153.4 + 172.04) \text{ sqm}$$
$$= 497.48 \text{ sqm}$$
$$= 0.049748 \text{ Ha}$$

14·12·17

राजीव टन्डन
प्रबन्धक (रिटेल सेल्स)
इंडियन ऑयल कार्पोरेशन लि० (एम०डी०)
मुरादाबाद मंडल कार्यालय
कोल्ड स्टोरेज के सामने दिल्ली रोड
एन०एच० 24 जेरट पाकबाड़ा, मुरादाबाद