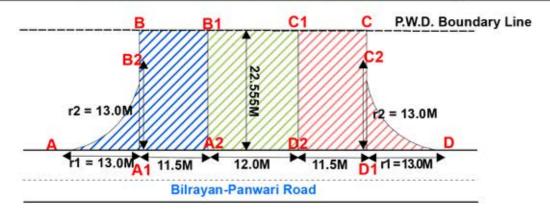
# Area Calculation Sheet as per Approved Layout Plan

PROPOSED PROTECTED FOREST LAND TO BE DIVERTED FOR ENTRY/EXIT APPROACH TO IOCL RETAIL OUTLET ON BILRAYAN-PANWARI ROAD (SH-21) IN KM NO. 24, (CH NO. 23.410 TO 23.445 RHS), AT GATA NO. 407, VILLAGE: - BAROTHA, TEHSIL: - NIGHASAN, DISTRICT: - LAKHIMPUR-KHERI (UTTAR PRADESH).



## Area of Entry approach to retail outlet

= Area of Curve Polygon(A B2 A1) + Area of rectangle (B B1 A2 A1)

Area of Curve Polygon(A B2 A1) Area of  $= \{(r1 \times r2) - (\pi \times r1 \times r2)/4\}$  =  $\{Ler$ 

=  $\{(13.0 \text{m} \times 13.0 \text{m}) - (3.14 \times 13.0 \times 13.0/4)\}$ = (169.0 - 132.665) SqM

= 36.34 SqM

Area of rectangle (B B1 A2 A1) = { Length(m) x width(m) }

= (11.50m × 22.555m) = 259.3825 SqM

So, Area of Entry approach to retail outlet = (36.34 + 259.3825) SqM = 295.7225 SqM

## Area of Separator = Area of rectangle (B1 C1 D2 A2)

Area of rectangle (B1 C1 D2 A2)

= { Length(m) x width(m) }

 $= (12.0 \text{m} \times 22.555 \text{m}) \text{ SqM}$ 

= 270.66 SqM

## Area of Exit approach from retail outlet

= Area of Curve Polygon(C2 D D1) + Area of rectangle (C C1 D2 D1)

Area of Curve Polygon(C2 D D1) Area of rectangle (B B1 A2 A1) =  $\{(r1 \times r2) - (\pi \times r1 \times r2)/4\}$  =  $\{Length(m) \times width(m)\}$  =  $\{(13.0m \times 13.0m) - (3.14 \times 13.0 \times 13.0/4)\}$  =  $\{11.50m \times 22.555m\}$  = 259.3825 SqM = 36.34 SqM

So, Area of Exit approach from retail outlet = (36.34 + 259.3825) SqM = 295.7225 SqM

#### Total Proposed Protected Forest Area for Diversion

- = 295.7225 SqM (Entry) + 270.66 SqM (Forest Area B/W Entry & Exit) + 295.7225 SqM (Exit)
- = 862.105 Sqm = 0.086211 Ha.

#### Non-Forest Land/Private Land Area as per Layout Plan

= Private Land area = area of rectangle shape plot BCHI = length (m) x width (m) = 35.0m x 36.5m = 1277.5 SqM ≈ 0.1278 Ha.

कुमार विभाष बरिष्ठं प्रयम्भ (रिटेल सेल्स) इंडियन ऑसल कार्पोरेशन लिमिटेड (एम.डी.) बरेली मंडल कार्यालय 35-ए, सिविल लाईन्स, कमला नेहरू मार्ग, बरेली-243001 (उ०प्र०)

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