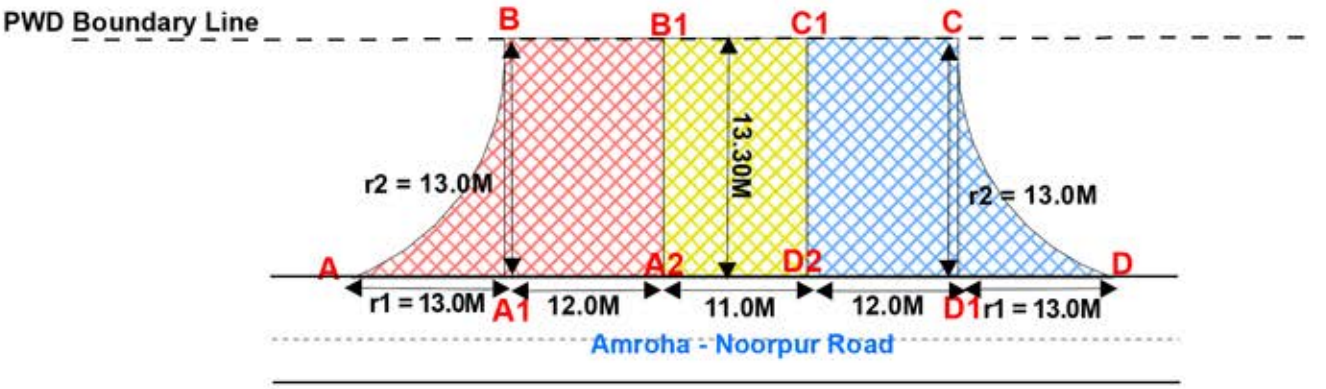
Area Calculation Sheet as per Approved Layout Plan

PROPOSED PROTECTED FOREST LAND TO BE DIVERTED FOR ENTRY/EXIT OF IOCL RETAIL OUTLET ON NAHTAUR-NOORPUR-AMROHA-ZOYA ROAD (SH-77), IN KM. NO. 52 (CH. NO. 51.106 RHS), AT GATA NO – 289, VILLAGE:- KISHANGARH (AMROHA KHAS BAHAR CHUNGI), TEHSIL & DISTRICT:- AMROHA (U.P.)



Area of Entry approach to retail outlet
= Area of Curve Polygon(A B A1) + Area of rectangle (B B1 A2 A1)

Area of Curve Polygon(A B A1)
= {(r1 x r2) – (π x r1 x r2)/4}
= {(13.0m × 13.0m) - (3.14 ×13.0 ×13.0/4)}
= 169.0 SqM - 132.66 SqM
= 36.34 SqM

Area of rectangle (B B1 A2 A1)
= { Length(m) x width(m) }
= (12.0m × 13.30m)
= 159.6 SqM

Total Area of Entry approach to retail outlet = (36.34 + 159.6) SqM = 195.94 SqM

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

Area of rectangle (B1 C1 D2 A2)
= { Length(m) x width(m) }
= (11.0m × 13.30m)
= 146.3 SqM

Area of Exit approach from retail outlet
= Area of Curve Polygon(C D D1) + Area of rectangle (C C1 D2 D1)

Area of Curve Polygon(C D D1)
= {(r1 x r2) – (π x r1 x r2)/4}
= {(13.0m × 13.0m) - (3.14 ×13.0 ×13.0/4)}
= 169.0 SqM - 132.66 SqM
= 36.34 SqM

Area of rectangle (C C1 D2 D1)
= { Length(m) x width(m) }
= (12.0m × 13.30m)
= 159.6 SqM

Total Area of Exit approach from retail outlet = (36.34 + 159.6) SqM = 195.94 SqM

Total Proposed Protected Forest Area for Diversion
= 195.94 SqM (Entry) + 146.3 SqM (Forest Area B/W Entry & Exit) + 195.94 SqM (Exit)
= 538.18 Sqm = 0.053818 Ha.

Non-Forest Land/Private Land Area as per Layout Plan
= Private Land area = area of parallelogram shape plot BCHI =base(m) x height (m)
= (35.0m x 35.0m) = 1225.0 SqM = 0.1225 Ha.

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(Authorized Signatory)
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