



SR Global Consultants

Spider Point Complex, Victoria Street, Near V-Mart,
Lucknow-220 003.

Contact no. 9453013092, 0522-4002239

Email id: globalsrconsultants@gmail.com

Empanelled Consultant with the MORTH, Retail Outlets planning & designing, Engineers, Consultants
& Surveyors

Proposed Preserved Forest Land Calculation

**OF : Proposed fuel station on Sultanpur - Faizabad Road, NH-330(Old NH NO.96)
in Km.127 (Ch.126.339, RHS), Khasra No. 474, Village- Patapur, Tehsil- Bikapur,
District- Faizabad, Uttar Pradesh.**

Entry (Ingress)

$$"ABC" = 1/2 \times 13.00 \times 5.71 = 37.115 \text{sqm.}$$

$$\text{Average length of entry} = BE + CaD / 2 = 9.86 + 11.50 / 2 = 10.68 \text{M}$$

$$"BCa DE" = 10.68 \times 19.36 = 206.764 \text{sqm.}$$

Area of entry = 37.115 + 206.764 = 243.880 sqm. (i)

Exit (Egress)

$$"HIJ" = 1/2 \times 13.00 \times 5.71 = 37.115 \text{sqm.}$$

$$\text{Average length of exit} = GH + FI / 2 = 11.50 + 9.86 / 2 = 10.68 \text{M}$$

$$"FGHaI" = 10.68 \times 19.36 = 206.764 \text{sqm.}$$

Area of exit = 37.115 + 206.764 = 243.880 sqm. (ii)

Separator Island

$$\text{Average length of separator} = DG + EF / 2 = 22.00 + 25.78 / 2 = 23.74 \text{M}$$

$$"DGEF" = 23.74 \times 19.36 = 459.60 \text{sqm.}$$

Area of separator island = 459.60 sqm. (iii)

Total preserved forest land area (i)+(ii)+(iii) = 947.36 sqm.

or 0.0947 Hec.

