



SR Global Consultants

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Empanelled Consultant with the (Govt. of India) MORTH, preparation of access permission proposal to the
Retail outlets, Private properties, Engineers, Consultants & Surveyors

Proposed Preserved Forest Land Calculation

OF : Proposed MS & HSD fuel station on Sultanpur - Lucknow Road, NH-731 (Old NH No.56), in Km.177 (Ch.176.060, LHS) at Khasra No.749, Village- Kakri, Tehsil- Haidergarh, District- Barabanki, Uttar Pradesh.

Average width of Entry & Exit= $(5.50+11.50)/2 = 8.50\text{m}$

Entry (Ingress) "ABCD" = $42.14 \times 8.50 = 358.19\text{Sq.m. (i)}$

Exit (Egress) "GHJK" = $59.89 \times 8.50 = 509.065\text{ Sq.m.}$
"HIJ" = $1/2 \times 30.00 \times 5.50 = 82.50\text{ Sq.m.}$

Exit (Egress) Area (Total) = $591.565\text{ Sq.m. (ii)}$

Separator Island "CEFG" = $22.50 \times 18.75 = 421.875\text{ Sq.m.}$

"CDE" = $1/2 \times 14.54 \times 18.75 = 136.312\text{ Sq.m.}$

"FGH" = $1/2 \times 17.72 \times 18.75 = 166.125\text{ Sq.m. T.}$

Separator Island Area (Total) = $724.312\text{ Sq.m. (iii)}$

**Total Preserved Forest Land Area (i)+(ii)+(iii) = 1674.067 Sq.m.
OR 0.1674 HEC.**

Yours faithfully,
for SR Global Consultants



Shabir Khan
Authorized Signatory