

AREA CALCULATION SHEET AS PER APPROVED LAYOUT PLAN

PROPOSED PROTECTED FOREST LAND TO BE DIVERTED FOR ENTRY/EXIT APPROACH TO TORRENT GAS PRIVATE LIMITED CNG STATION ON SULTANPUR TO LUCKNOW ROAD (NH-731) IN KM. NO.167 TO 168 (CH. NO. 167.216, LHS) AT KHASRA NO. 1888 & 1889, VILLAGE:- CHAUBEESI, TEHSIL:- HAIDERGARH, DISTRICT:- BARABANKI (U.P.)

Entry Area approach to Retail Outlet

$$\begin{aligned}
 &= AA1A2 + A1A2F + A2A3F + B1FA3 \\
 &= \{1/2 \times (7.7m \times 61.0)\} + \{1/2 \times (6.3174m \times 10.0)\} + \{1/2 \times (5.66572m \times 10.5)\} + \{1/2 \times (13.57m \times 4.0m)\} \\
 &= 234.84 \text{ SqM} + 31.587 \text{ SqM} + 29.745 \text{ SqM} + 27.14 \text{ SqM} \\
 &= 323.322 \text{ SqM}
 \end{aligned}$$

Area of Earthen Shoulder along Entry approach to Retail Outlet

$$\begin{aligned}
 &= AA2G1G + G1A2B1 \\
 &= (60.96845m \times 2.25m) + \{1/2 \times (12.37156m \times 2.25m)\} \\
 &= 137.179 \text{ SqM} + 13.918 \text{ SqM} \\
 &= 151.097 \text{ SqM}
 \end{aligned}$$

Area in Between Entry & Exit (Separator)

$$\begin{aligned}
 &= BB1C1C + B1C1EF \\
 &= (14.067011m \times 47.5m) + (6.183m \times 47.5m) \\
 &= 668.183 \text{ SqM} + 293.692 \text{ SqM} \\
 &= 961.875 \text{ SqM}
 \end{aligned}$$

Area of Exit approach from Retail Outlet

$$\begin{aligned}
 &= DD1D2 + D1D2D3D4 + D3D4E + D4ED5 + D5EC1 \\
 &= \{1/2 \times (30.0m \times 5.5m)\} + \{1/2 \times (7.1925m \times 5.5m) \times 60.5\} + \{1/2 \times (7.23053m \times 9.5)\} + \{1/2 \times (5.7291m \times 10.8m)\} + \{1/2 \times (4.78217m \times 12.0m)\} \\
 &= 82.5 \text{ SqM} + 383.948 \text{ SqM} + 34.345 \text{ SqM} + 30.937 \text{ SqM} + 28.693 \text{ SqM} \\
 &= 560.423 \text{ SqM}
 \end{aligned}$$

Area of Earthen Shoulder along Exit approach to Retail Outlet

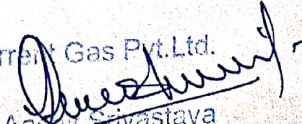
$$\begin{aligned}
 &= HH1D2D + H1H2D4D2 + H2D4C1 \\
 &= (29.99645m \times 2.25m) + (60.51734m \times 2.25m) + \{1/2 \times (12.03734m \times 2.25m)\} \\
 &= 67.492 \text{ SqM} + 136.164 \text{ SqM} + 13.542 \text{ SqM} \\
 &= 217.198 \text{ SqM}
 \end{aligned}$$

Total Protected Forest Area Proposed to be Diverted

$$\begin{aligned}
 &= 323.322 \text{ (Entry Area) SqM} + 151.097 \text{ (Entry Shoulder) SqM} + 961.875 \text{ (Separator) SqM} + 560.423 \text{ (Exit Area) SqM} + 217.198 \text{ (Exit Shoulder) SqM} \\
 &= 2213.915 \text{ SqM}
 \end{aligned}$$


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 बाराबंकी वन प्रभाग


 क्षेत्रीय वन अधिकारी
 रंज हैदरगढ़

For Torrent Gas Pvt.Ltd.

 Aashutosh Srivastava
 General Manager

≈ 0.221392 Ha.

Total Area of Non Forest Land/Private Land as per Layout Plan

Non Forest Land area = area of private land + area of plot

Area of Non Forest Land = (47.5m x 9.0m) = 95.0 SqM

Area of retail outlet plot =

= ABHI + BCFG + CDE

= $\{1/2 \times (8.7246m + 6.15m) \times 15.1m\} + \{1/2 \times (87.0m \times 80.7m) \times 71.9391m\} + \{1/2 \times (28.1788m \times 4.7m)\}$

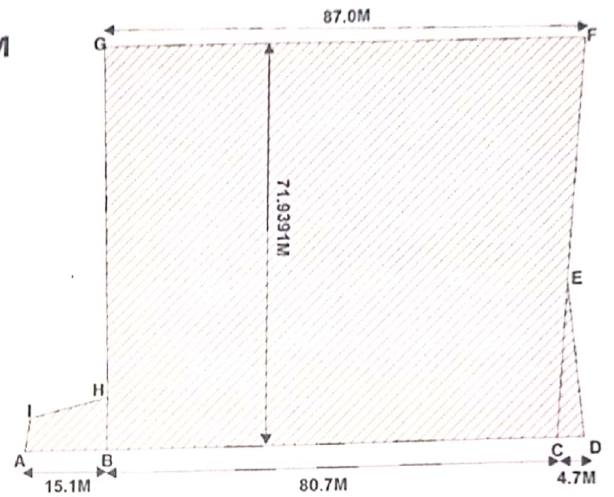
= (6032.09 + 66.22 + 112.303) SqM

= 6210.613 SqM

So, Total Non Forest land area is = (95.0 + 6210.613) SqM

= 6305.613

≈ 0.6306 Ha



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(Authorized Signatory)

Torrent Gas Pvt. Ltd.

प्रभागीय निदेशक
सांवांवन प्रभाग
बाराबंकी

For Torrent Gas Pvt. Ltd.

Aashit Srivastava
General Manager