

AREA CALCULATION SHEET AS PER APPROVED LAYOUT PLAN

PROPOSED PROTECTED FOREST LAND TO BE DIVERTED FOR ENTRY/EXIT APPROACH TO INDIAN OIL CORPORATION LIMITED RETAIL OUTLET ON JAHANABAD-PILIBHIT ROAD NH-30 (OLD NH-74) IN KM NO. 291 (CH. NO. 290.093, RHS) AT KHASRA NO. 442, VILLAGE:- LALARI, TEHSIL:- PILIBHIT, DISTRICT:- PILIBHIT (U.P.)

Entry Area approach to Retail Outlet

$$\begin{aligned} &= AA1A2 + A1A2A3A4 + A3A4B4 + B3B4A3 + B2B3B4 + B1B2B3 + BB1B2 \\ &= \{1/2 \times (50.0m \times 5.5m)\} + (11.37746m \times 5.5m) + \{1/2 \times (8.62255m \times 5.5m)\} + \{1/2 \times (6.0328m \times 8.6m)\} \\ &\quad + \{1/2 \times (9.9893m \times 9.7m)\} + \{1/2 \times (8.682m \times 10.5m)\} + \{1/2 \times (9.70492m \times 11.4m)\} \\ &= 137.5 \text{ SqM} + 62.576 \text{ SqM} + 23.712 \text{ SqM} + 25.941 \text{ SqM} + 48.448 \text{ SqM} + 45.58 \text{ SqM} + 55.318 \text{ SqM} \\ &= 399.074 \text{ SqM} \end{aligned}$$

Area of Earthen Shoulder along Entry approach to Retail Outlet

$$\begin{aligned} &= GG1A2A + G1G2A3A2 + G2A3B1 \\ &= (50.0m \times 2.25m) + (11.37734m \times 2.25m) + \{1/2 \times (20.664m \times 2.25m)\} \\ &= 112.5 \text{ SqM} + 25.599 \text{ SqM} + 23.247 \text{ SqM} \\ &= 161.346 \text{ SqM} \end{aligned}$$

Area in Between Entry & Exit (Separator)

$$\begin{aligned} &= A1FB + BCEF + D2EC \\ &= [(31.5m \times 19.0m) - \{3.14 \times (31.5m \times 19.0m)/4\}] + (12.0m \times 19.0m) + [\{(61.5m \times 19.0m) - \{3.14 \times (61.5m \times 19.0m)/4\}\}] \\ &= 128.678 \text{ SqM} + 228.0 \text{ SqM} + 251.228 \text{ SqM} \\ &= 607.906 \text{ SqM} \end{aligned}$$

Area of Exit approach from Retail Outlet

$$\begin{aligned} &= DD1D2 + D1D2D3D4 + D3D4C5D5 + C4C5D5 + C3C4C5 + C2C3C4 + C1C2C3 + CC1C2 \\ &= \{1/2 \times (30.0m \times 5.5m)\} + (20.0m \times 5.5m) + (42.13055m \times 5.5m) + \{1/2 \times (7.8695m \times 5.5m)\} + \{1/2 \times (5.439777m \times 8.5m)\} \\ &\quad + \{1/2 \times (9.08151m \times 9.3m)\} + \{1/2 \times (6.61738m \times 9.9m)\} + \{1/2 \times (8.828 \times 10.5m)\} \\ &= 82.5 \text{ SqM} + 110.0 \text{ SqM} + 231.718 \text{ SqM} + 21.641 \text{ SqM} + 23.119 \text{ SqM} + 42.229 \text{ SqM} + 32.756 \text{ SqM} + 46.347 \text{ SqM} \\ &= 590.311 \text{ SqM} \end{aligned}$$

Area of Earthen Shoulder along Exit approach from Retail Outlet

$$\begin{aligned} &= HH1D3D + H1H2D4D3 + H2H3C5D4 + C1H3C1 \\ &= (30.0m \times 2.25m) + (20.0m \times 2.25m) + (42.13289m \times 2.25m) + \{1/2 \times (14.31467m \times 2.25m)\} \\ &= 67.5 \text{ SqM} + 45.0 \text{ SqM} + 94.799 \text{ SqM} + 16.104 \text{ SqM} \\ &= 223.403 \text{ SqM} \end{aligned}$$

2/3/22

कुमार विनाय / KUMAR VIVASH
वरिष्ठ प्रबन्धक (रिटेल सेल्स) / Sr. Manager (Retail Sales)
इण्डियन ऑयल कॉर्पोरेशन लिमिटेड (एन.डी.)
Indian Oil Corporation Ltd. (M.D.)
रैली डिवीजन / Rally Divisional Office

Total Protected Forest Area Proposed to be Diverted

= 399.074 (Entry Area) SqM + 161.346 (Entry Earthen shoulder) SqM + 607.906 (Separator) SqM +
590.311 (Exit Area) SqM + 223.403 (Exit Earthen shoulder) SqM
= 1982.04 SqM
= 0.198204 Ha.

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

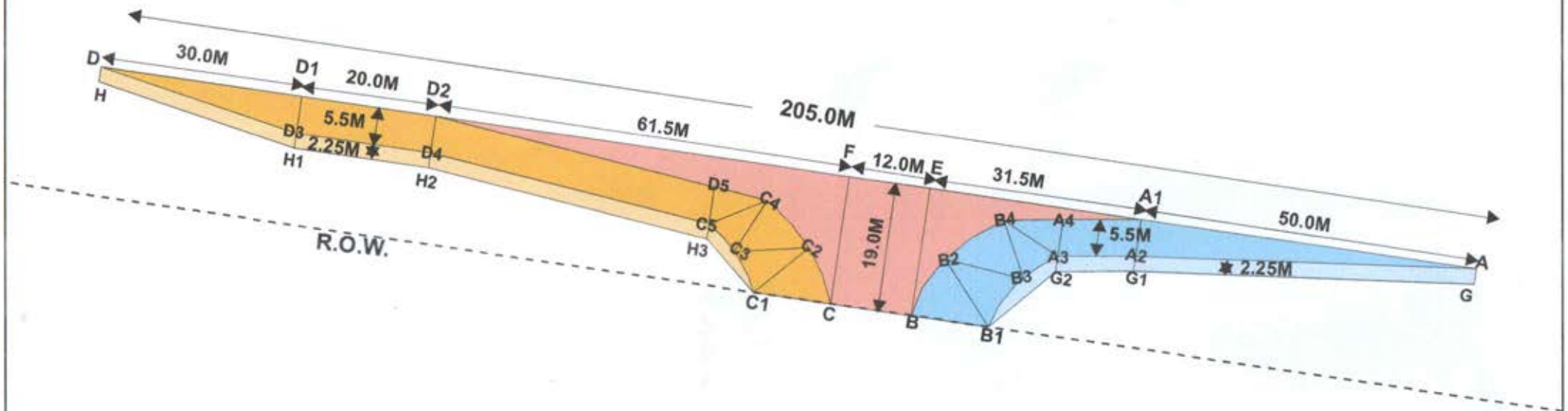
Non Forest Land area = area of rectangle shape plot = [length(m) x width(m)]
= (35.0m x 45.0m) = 1575.0 SqM
= 0.1575 Ha.

(Authorized Signatory)
2/3/22
Indian Oil Corporation Ltd.
Bareilly Divisional Office

कुमार विभाव / KUMAR VIVASH
वरिष्ठ प्रबन्धक (रिटेल सेल्स) / Sr. Manager (Retail Sales)
इण्डियन ऑयल कॉर्पोरेशन लिमिटेड (एम.डी.)
Indian Oil Corporation Ltd. (M.D.)
बरेली डायल कार्यालय / Bareilly Divisional Office

AREA CALCULATION SHEET AS PER APPROVED LAYOUT PLAN

PROPOSED PROTECTED FOREST LAND TO BE DIVERTED FOR ENTRY/EXIT APPROACH TO INDIAN OIL CORPORATION LIMITED RETAIL
OUTLET ON JAHANABAD-PILIBHIT ROAD NH-30 (OLD NH-74) IN KM NO. 291 (CH. NO. 290.093, RHS)
AT KHASRA NO. 442, VILLAGE:- LALAU, TEHSIL:- PILIBHIT, DISTRICT:- PILIBHIT (U.P.)



2/3/22

कुमार विनाश / KUMAR VIVASH
(Authorized Signatory)
रिटिड ऑयल कॉर्पोरेशन लिमिटेड (एन.डी.)
Indian Oil Corporation Ltd.
बरेली मंडल कार्यालय
Bareilly Divisional Office