

Area Calculation Sheet as per Approved Layout Plan

Proposed Protected Forest Land to be diverted for Entry/Exit of HPCL Retail Outlet on Fatehpur - Lalganj Road NH-335 (Old NH-232), In KM. No. 81, (CH. No. 80.135, RHS), At Khasra No.- 204, Village- Saripur Bera, Tehsil – Fatehpur, District - Fatehpur (Uttar Pradesh)

Entry Area approach to Retail Outlet

$$\begin{aligned} &= A A1 A2 + A1 A2 A3 A4 + A3 A4 B4 + B3 B4 A4 + B2 B3 B4 + B B2 B3 + B B1 B2 \\ &= \{1/2 \times (35.0m \times 5.5m)\} + (28.255273m \times 5.5m) + \{1/2 \times (7.43091m \times 5.5m) + \{1/2 \times (4.84018m \times 7.965m) + \{1/2 \times (6.21944m \times 8.54m)\} + \{1/2 \times (5.439401m \times 9.076m)\} \\ &\quad \{1/2 \times (7.066404m \times 10.15m)\} \\ &= 96.25 \text{ SqM} + 155.404 \text{ SqM} + 20.435 \text{ SqM} + 19.276 \text{ SqM} + 26.557 \text{ SqM} + 24.684 \text{ SqM} + 35.862 \text{ SqM} \\ &= 378.468 \text{ SqM} \end{aligned}$$

Area in Between Entry & Exit (Separator)

$$\begin{aligned} &= A1 F B1 + B1 C1 E F + C1 E D1 \\ &= [(20.20m \times 50.9131m) - \{3.14 \times (20.2m \times 50.9131m)/4\}] + (20.20m \times 19.52973m) + (20.20m \times 79.8944m) - \{3.14 \times (20.2m \times 79.8944m)/4\} \\ &= 221.1156 \text{ SqM} + 394.5 \text{ SqM} + 346.9814 \text{ SqM} \\ &= 962.597 \text{ SqM} \end{aligned}$$

Area of Exit approach from Retail Outlet

$$\begin{aligned} &= DD1D2 + D1D2D3D4 + D3D4C4 + C4C4D3 + C2C3C4 + CC2C3 + CC1C2 \\ &= \{1/2 \times (5.5m \times 30.0m)\} + (61.41545m \times 5.5m) + \{1/2 \times (6.145455m \times 5.5m)\} + \{1/2 \times (5.553098m \times 7.505m)\} + \{1/2 \times (7.9393183m \times 8.8m)\} + \{1/2 \times (5.6901m \times 9.325m)\} + \{1/2 \times (8.22834m \times 10.318m)\} \\ &= 82.5 \text{ SqM} + 337.785 \text{ SqM} + 16.9 \text{ SqM} + 20.838 \text{ SqM} + 34.933 \text{ SqM} + 26.53 \text{ SqM} + 42.45 \text{ SqM} \\ &= 561.936 \text{ SqM} \end{aligned}$$

Total Protected Forest Area Proposed to be Diverted

$$\begin{aligned} &= 378.468 \text{ (Entry Area) SqM} + 962.597 \text{ (Separator) SqM} + 561.936 \text{ (Exit Area) SqM} \\ &= 1903.001 \text{ SqM} \\ &= \mathbf{0.1903 \text{ Ha}} \end{aligned}$$

Total Area of Non Forest Land as per Layout Plan

$$\begin{aligned} &= (45.0m \times 40.0m) = 1800.00 \text{ SqM} \\ &= \mathbf{0.18 \text{ Ha.}} \end{aligned}$$

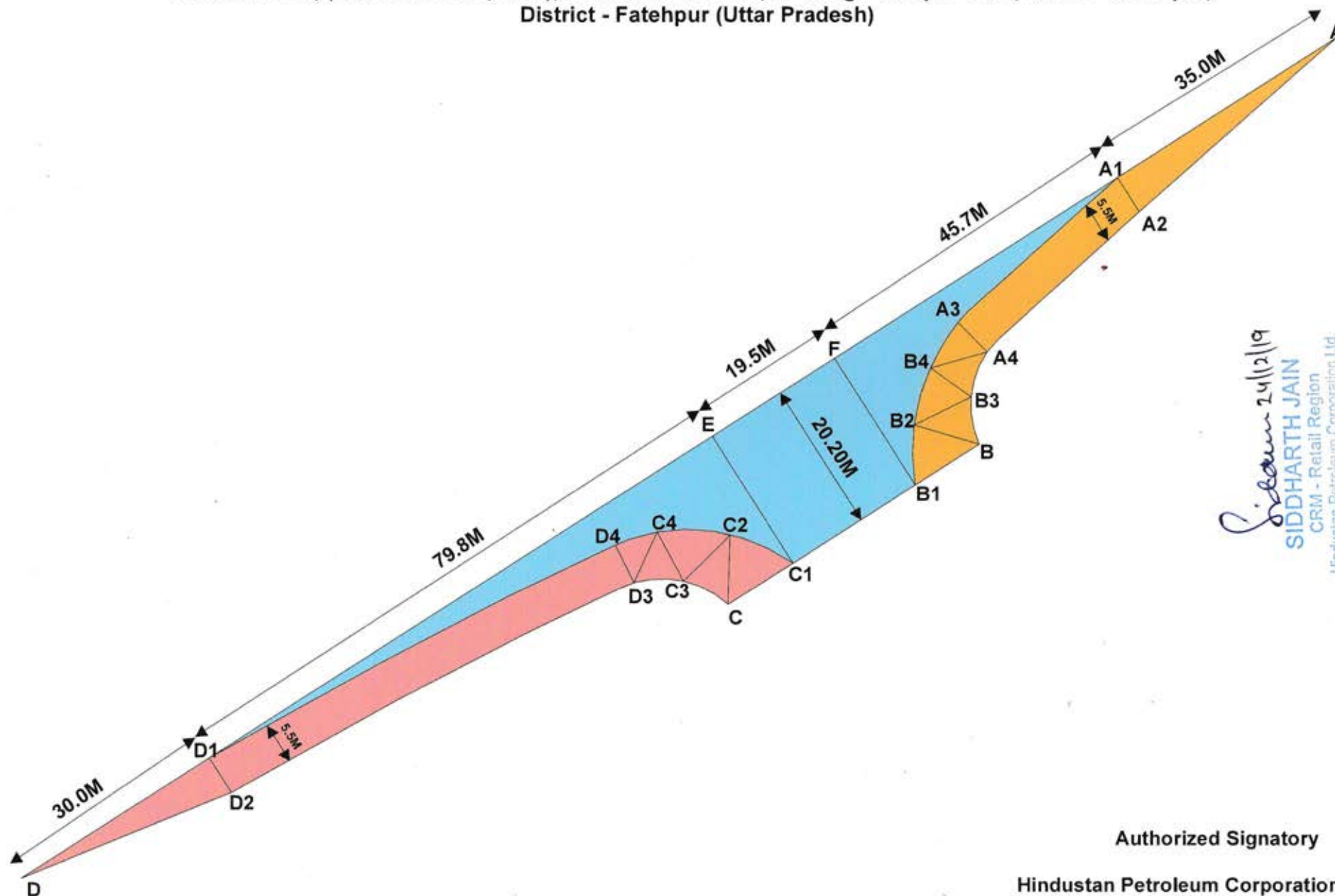

SIDDHARTH JAIN
CRM - Retail Region
Hindustan Petroleum Corporation Ltd.
Kanpur Retail Regional Office

Authorized Signatory

**Hindustan Petroleum Corporation Limited
Kanpur (Retail) Regional Office**

AREA CALCULATION SHEET AS PER APPROVED LAYOUT PLAN

**Proposed Protected Forest Land to be diverted for Entry/Exit of HPCL Retail Outlet on Fatehpur - Lalganj Road NH-335 (Old NH-232),
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District - Fatehpur (Uttar Pradesh)**



Siddam 24/12/19
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CRM - Retail Region
Hindustan Petroleum Corporation Ltd.
Vijayawada Refinery, Rajahmundry Circle

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