

Area Calculation Sheet as per Approved Layout Plan

Proposed IOCL Retail Outlet on Pratapgarh – Faizabad Road NH No.330 (Old NH-96),
IN KM No. 59 (CH.NO. 58.793, LHS) Khasra No. 02, At Village- Karista,
Tehsil – Patti, District- Pratapgarh (U.P)

Entry Area approach to Retail Outlet

$$\begin{aligned} &= B B2 E + B B1 B3 B2 \\ &= [(13.0m \times 13.0m) - \{3.14 \times (13.0m \times 13.0m)/4\}] + (10.86m \times 11.5m) \\ &= 36.34 \text{ SqM} + 124.89 \text{ SqM} \\ &= 161.23 \text{ SqM} \end{aligned}$$

Area of Middle Separator

$$\begin{aligned} &= B1 C1 C2 B3 \\ &= (10.86m \times 12.0m) \\ &= 130.32 \text{ SqM} \\ &= 130.32 \text{ SqM} \end{aligned}$$

Area of Exit approach from Retail Outlet

$$\begin{aligned} &= C C1 C2 C3 + C C3 F \\ &= (10.86m \times 11.5m) + [(13.0m \times 13.0m) - \{3.14 \times (13.0m \times 13.0m)/4\}] \\ &= 124.89 \text{ SqM} + 36.34 \text{ SqM} \\ &= 161.23 \text{ SqM} \end{aligned}$$

Area of Chevron Marking

$$\begin{aligned} &= A1 A4 A5 + A4 A5 D4 D5 + B1 C1 C2 B3 + D1 D4 D5 \\ &= (1/2 \times 24.0m \times 3.0m) + (811.0m \times 3.0m) + (1/2 \times 70.0m \times 3.0m) \\ &= 36.0 \text{ SqM} + 2433.0 \text{ SqM} + 105.0 \text{ SqM} \\ &= 2574.0 \text{ SqM} \end{aligned}$$

Area of Proposed Service Road

$$\begin{aligned} &= A A1 A2 + A1 A2 A3 A4 + A3 A4 D3 D4 + D1 D2 D3 D4 + D D1 D2 \\ &= (1/2 \times 46.0m \times 5.5m) + (24.25455m \times 5.5m) + (811.0m \times 5.5m) + (70.0m \times 5.5m) + (1/2 \times 30.0m \times 5.5m) \\ &= 126.5 \text{ SqM} + 133.4 \text{ SqM} + 4460.5 \text{ SqM} + 385.0 \text{ SqM} + 82.5 \text{ SqM} \\ &= 5187.9 \text{ SqM} \end{aligned}$$

Total Forest Area Proposed to be Diverted

$$\begin{aligned} &= (161.23 + 130.32 + 161.23 + 2574.0 + 5187.9) \text{ SqM} \\ &= 8214.68 \text{ SqM} \\ &= 0.821468 \text{ Ha.} \end{aligned}$$

Total Area of Non Forest Land as per Layout Plan

$$\begin{aligned} &= [(35m \times 36.08m) + (7.19m \times 35.1479m)] \\ &= (1262.8 + 252.98) \text{ SqM} \\ &= 1515.78 \text{ SqM} \\ &= 0.1516 \text{ Ha.} \end{aligned}$$

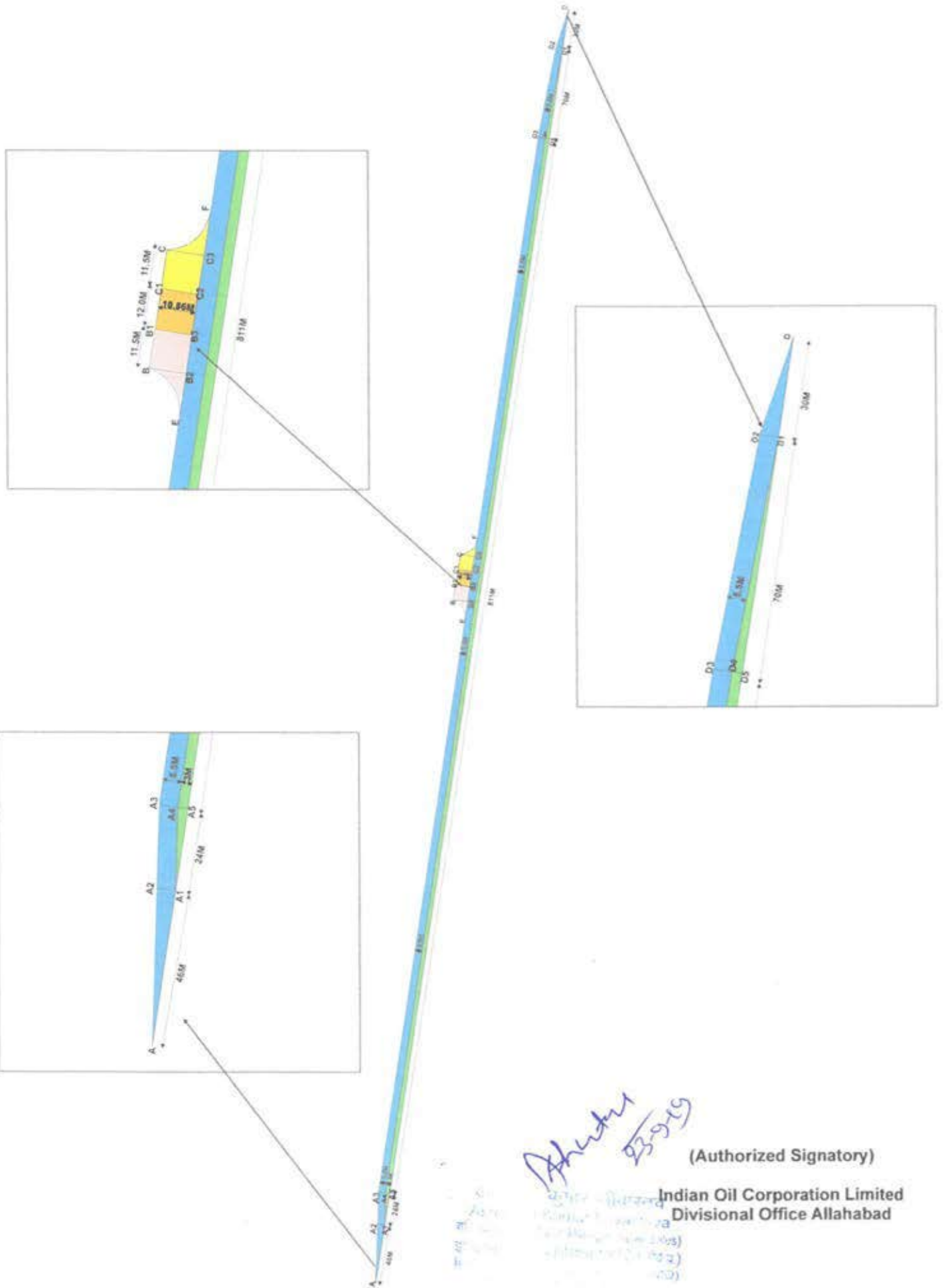

आशुतोष कुमार श्रीवास्तव
Ashutosh Kumar Srivastava
वरिष्ठ पत्रिका प्रबंधक (Retail Sales)
इण्डियन ऑयल कॉर्पोरेशन लिमिटेड (विव.)
Indian Oil Corporation Limited (MO)
अखिल भारतीय कार्यालय
All India Divisional Office

(Authorized Signatory)

Indian Oil Corporation Limited
Divisional Office Allahabad

AREA CALCULATION SHEET AS PER LAYOUT PLAN

Proposed IOCL Retail Outlet on Pratapgarh – Faizabad Road NH – 330 (Old NH-96), IN KM No. 59 (CH.NO. 58.793, LHS),
Khasra No. 02, At Village- Karista, Tehsil – Patti, District- Pratapgarh (U.P)



Signature
23-9-19

(Authorized Signatory)

Indian Oil Corporation Limited
Divisional Office Allahabad