AREA CALCULATION SHEET AS PER APPROVED LAYOUT PLAN

PROPOSED PROTECTED FOREST LAND TO BE DIVERTED FOR ENTRY/EXIT APPROACH TO BPCL RETAIL OUTLET ON BAHRAICH-SITAPUR ROAD (SH-30B), IN KM NO. 78, (CH. NO. 77.022 TO 77.057, LHS), AT KHASRA NO. – 1447, VILLAGE:- GOVARDHANPUR, TEHSIL:-BISWAN, DISTRICT:-SITAPUR (U.P.)

Entry Area approach to Retail Outlet

= AA1A2 + A1A2A3A4 + A3A4A5 + A4A5B5 + B4B5A5 + B3B4A5 + B2B3B4 + B1B2B3 + BB1B2

= {1/2 x (30.0mx 5.5m)} + (30.38237m x 5.5m) + {1/2 x (4.60655m x 5.5m)+ {1/2 x (6.51143m x 3.5m) + {1/2 x (4.88389m x 7.2m)} + {1/2 x (4.68952m x 7.44m)} + {1/2 x (6.16211m x 7.97m)} + {1/2 x (5.75901m x 8.44m)} + {1/2 x (9.8574m x 9.06m)}

= 82.5 SqM + 167.103 SqM + 12.668 SqM + 11.395 SqM + 17.582 SqM + 17.445 SqM + 24.556 SqM + 24.303 SqM + 44.654 SqM

= 402.206 SqM

Area of Earthen Shoulder along Entry approach to Retail Outlet

= AA2G1G + G1G2A4A2 + A4G2B1

= (30.0m x 2.25m) + (29.74134m x 2.25m) + {1/2 x (21.80712m x 2.25m)}

= 67.5 SqM + 66.918 SqM + 24.533 SqM

= 158.951 SqM

Area in Between Entry & Exit (Separator)

= BFA1 + B C E F + CED1

= [(50.0m x 17.86m) - {3.14 x (50.0m x 17.86m)/4}] + (15.0m x 17.86m) + [(80.0m x 17.86m) - {3.14 x (80.0m x 17.86m)/4}]

= 191.995 SqM + 267.9 SqM + 307.192 SqM

= 767.087 SqM

Area of Exit approach from Retail Outlet

= DD1D2 + D1D2D3D4 + D3D4D5 + D4D5D6 + D5D6C5 + D6C5C3 + C3C4C5 + C2C3C4 + C1C2C3 + CC1C2

= {1/2 x (5.5mx30.0m)} + (61.638mx5.5m) + {1/2 x (4.93528m x 5.5m)} + {1/2 x (4.23355m x 6.714m)} + {1/2 x (3.52187m x 7.5m)} + {1/2 x (3.5384m x 7.5m)} + {1/2 x (5.51734m x 7.96m)} + {1/2 x (4.34667m x 8.1m)} + {1/2 x (3.74659m x 8.5m)} + {1/2 x (4.6686m x 10.0m)}

= 82.5 SqM + 339.009 SqM + 13.572 SqM + 14.212 SqM + 13.207 SqM + 13.269 SqM + 21.959 SqM + 17.604 SqM + 15.923 SqM + 23.343 SqM

= 554.598 SqM

Area of Earthen Shoulder along Exit approach from Retail Outlet

= DD2H1H + H1H2D3D2 + H2D3C1

= (30.0m x 2.25m) + (61.43823m x 2.25m) + {1/2 x (15.23734m x 2.25m)}

= 67.5 SqM + 138.236 SqM + 17.142 SqM = 222.878 SqM

26/10/20

Achint Bhavsar
Territory Manager (Retail)
Bharat Petroleum Corporation Ltd.
Bareilly Territory

Total Protected Forest Area Proposed to be Diverted

= 402.206 (Entry Area) SqM + 158.951 (Entry Earthen shoulder) SqM + 767.087 (Separator) SqM + 554.598 (Exit Area) SqM + 222.878 (Exit Earthen shoulder) SqM
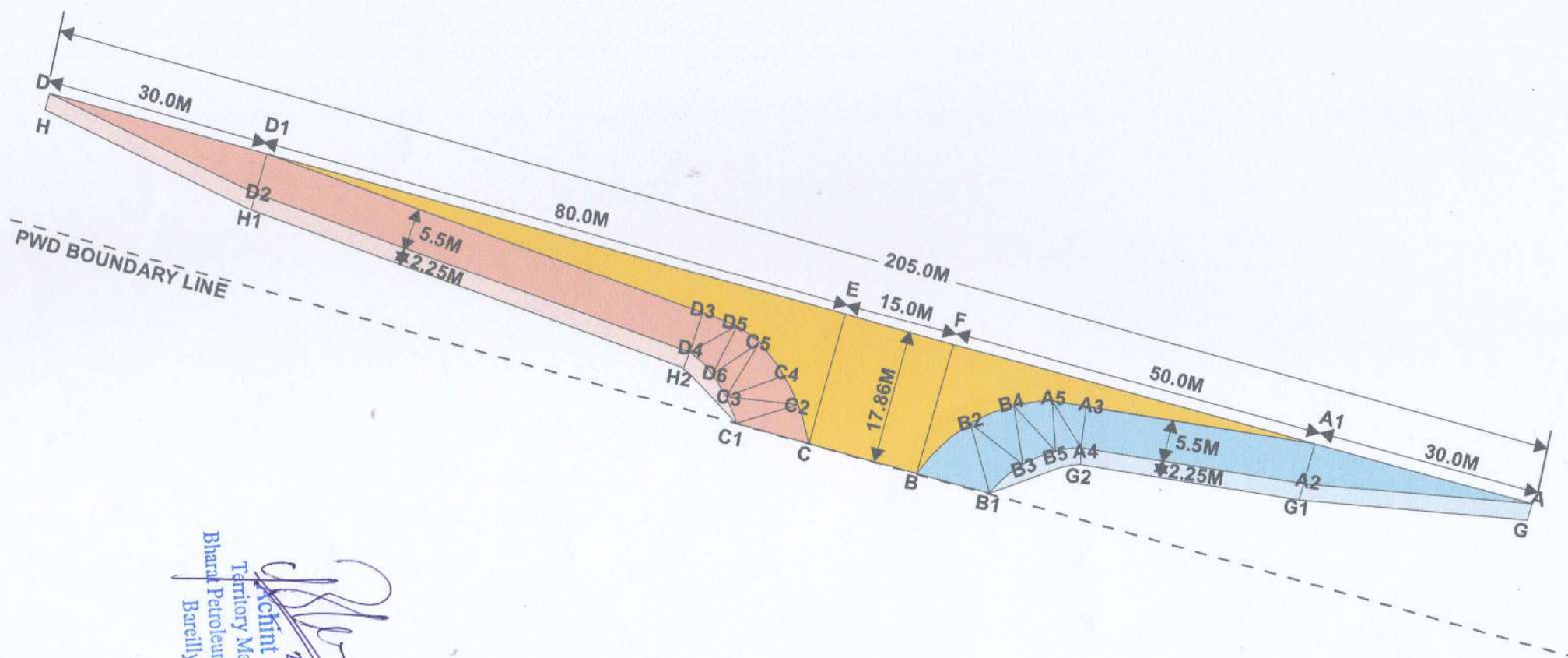
= 2105.72 SqM

= 0.210572 Ha.

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

= Private land area = area of parallelogram shape plot BCHI = base (m) x height (m)

= (35.0m x 35.0m) = 1225.0 SqM

= 0.1225 Ha.

26/10/20

Achint Bhavsar
Territory Manager (Retail)
Bharat Petroleum Corporation Ltd.
Bareilly Territory

(Authorised Signatory)
Bharat Petroleum Corporation Limited
Bareilly Retail Territory

AREA CALCULATION SHEET AS PER APPROVED LAYOUT PLAN

PROPOSED PROTECTED FOREST LAND TO BE DIVERTED FOR ENTRY/EXIT APPROACH TO BPCL RETAIL OUTLET ON BAHRAICH -SITAPUR ROAD (SH-30B), IN KM NO.-78, (CH. NO. 77.022 TO 77.057, LHS), AT KHASRA NO. – 1447, VILLAGE:- GOVARDHANPUR, TEHSIL:-BISWAN, DISTRICT:-SITAPUR (U.P.)

PWD BOUNDARY LINE

30.0M
80.0M
205.0M
50.0M
30.0M
15.0M
17.86M
5.5M
2.25M
5.5M
2.25M

D D1 D2 H H1 H2 D3 D4 D5 D6 C5 C4 C3 C2 C1 C E F B B1 B2 B3 B4 B5 A3 A4 A5 A1 A2 G1 G2 G A

Achint Bhavsar
Territory Manager (Retail)
Bharat Petroleum Corporation Ltd.
Bareilly Territory
26/10/20

(Authorised Signatory)
Bharat Petroleum Corporation Limited
Bareilly Retail Territory