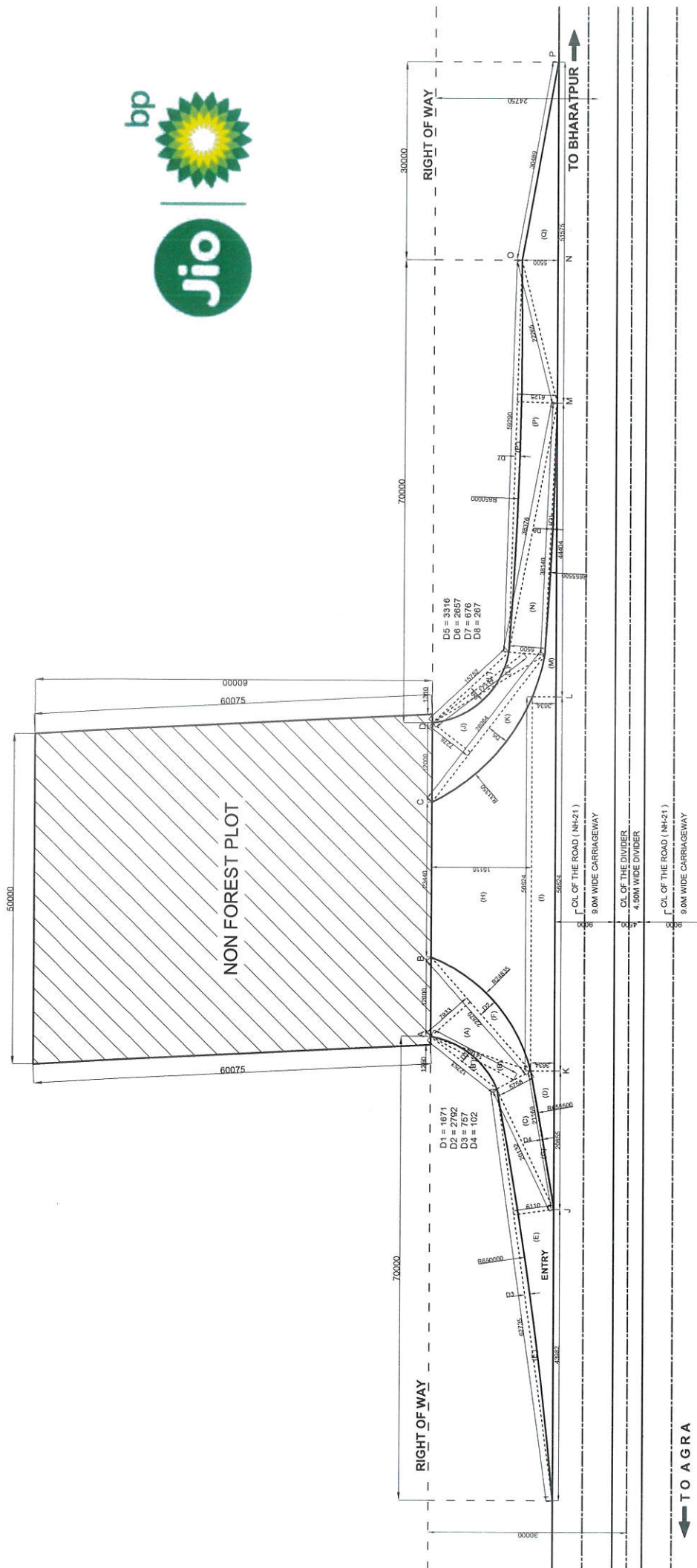


**PLAN OF THE PROTECTED FOREST LAND PROPOSED TO BE DIVERTED FOR ENTRY/EXIT AND MIDDLE APPROACH TO RELIANCE BP MOBILITY LIMITED NEW RETAIL OUTLET ON AGRA-BHARATPUR ROAD NH-11 (NEW NH-21), AT KM 42, CH. NO- 41.293 (LHS), KHASRA NO-651, VILLAGE- CHAUMA SHAHPUR, TEHSIL- KIRAOLI, DISTRICT- AGRA, (UTTAR PRADESH)**



*Suraj Vikash*  
**SURAJ VIKASH**  
 State Head-UP(W) & Uttarakhand  
 Reliance BP Mobility Limited  
 Reliance Four Square  
 DLF Cyber City, Building No. 4  
 Gurugram - 122002 (Haryana)

Date : 24.09.2020

DETAIL OF AREA CALCULATION FOR THE PROTECTED FOREST LAND PROPOSED TO BE DIVERTED FOR ENTRY/EXIT AND MIDDLE APPROACH TO RELIANCE BP MOBILITY LIMITED NEW RETAIL OUTLET AS WELL AS NON FOREST AREA ON AGRA-BHARATPUR ROAD NH-11 (NEW NH-21), LHS, KM STONE NO- KM 42, CH. NO- 41.293 (LHS), AT KHASRA NO-651, VILLAGE- CHAUMA SHAHPUR, TEHSIL- KIRAOLI, DISTRICT- AGRA, (UTTAR PRADESH)



FOREST LAND

| SL.NO.              | MKD NO. | SHAPE                  | LENGTH | BREADTH | DEPTH/H EIGHT | CHORD LENGTH (I) | CURVE RADIUS (R) | CURVE HEIGHT (H) | AREA IN SQM   |
|---------------------|---------|------------------------|--------|---------|---------------|------------------|------------------|------------------|---------------|
| ENTRY               |         |                        |        |         |               |                  |                  |                  |               |
| 1                   | A       | TRIANGLE               | 22.87  |         | 7.933         |                  |                  |                  | 90.714        |
| 2                   | B       | TRIANGLE               | 5.758  |         | 14.161        |                  |                  |                  | 40.77         |
| 3                   | B'      | CURVE PART             |        |         |               | 12.753           | 13               | 1.671            | 14.399        |
| 4                   | C       | TRIANGLE               | 21.169 |         | 5.758         |                  |                  |                  | 60.946        |
| 5                   | E       | TRIANGLE               | 62.735 |         | 6.11          |                  |                  |                  | 191.655       |
| 6                   | E'      | CURVE PART             |        |         |               | 62.735           | 650              | 0.757            | 31.658        |
| 7                   | F       | CURVE PART             |        |         |               | 22.87            | 24.835           | 2.792            | 43.092        |
| 8                   | G       | CURVE PART             |        |         |               | 21.169           | 655.5            | 0.102            | 1.573         |
| AREA OF ENTRY       |         |                        |        |         |               |                  |                  |                  | 382.693       |
| MIDDLE PART         |         |                        |        |         |               |                  |                  |                  |               |
| 1                   | D       | TRIANGLE               | 20.855 |         | 3.634         |                  |                  |                  | 37.894        |
| 2                   | H       | AREA OF TRAPEZIUM BCGF | 40.032 | 15.116  |               |                  |                  |                  | 605.124       |
| 3                   | I       | RECTANGLE              | 55.624 | 3.634   |               |                  |                  |                  | 205.772       |
| 4                   | M       | TRIANGLE               | 44.404 |         | 3.634         |                  |                  |                  | 80.682        |
| 5                   | O       | CURVE PART             |        |         |               | 38.14            | 655.5            | 0.267            | 6.66          |
| 6                   | G       | CURVE PART             |        |         |               | 21.169           | 655.5            | 0.102            | 1.573         |
| 7                   | F       | CURVE PART             |        |         |               | 22.87            | 24.835           | 2.792            | 43.092        |
| 8                   | K       | CURVE PART             |        |         |               | 28.064           | 31.35            | 3.316            | 62.731        |
| AREA OF MIDDLE PART |         |                        |        |         |               |                  |                  |                  | 815.416       |
| EXIT PART           |         |                        |        |         |               |                  |                  |                  |               |
| 1                   | J       | TRIANGLE               | 28.064 |         | 7.276         |                  |                  |                  | 102.097       |
| 2                   | L       | TRIANGLE               | 17.332 |         | 5.5           |                  |                  |                  | 47.663        |
| 3                   | N       | TRIANGLE               | 38.14  |         | 5.5           |                  |                  |                  | 104.885       |
| 4                   | P       | TRIANGLE               | 59.29  |         | 6.125         |                  |                  |                  | 181.576       |
| 5                   | Q       | TRIANGLE               | 51.575 |         | 5.5           |                  |                  |                  | 141.831       |
| 6                   | K       | CURVE PART             |        |         |               | 28.064           | 31.35            | 3.316            | 62.731        |
| 7                   | L'      | CURVE PART             |        |         |               | 17.332           | 13               | 2.657            | 28.525        |
| 8                   | O       | CURVE PART             |        |         |               | 38.14            | 655.5            | 0.267            | 6.66          |
| 9                   | P'      | CURVE PART             |        |         |               | 59.29            | 650              | 0.676            | 26.715        |
| AREA OF EXIT        |         |                        |        |         |               |                  |                  |                  | 592.203       |
| TOTAL AREA          |         |                        |        |         |               |                  |                  |                  | 1790.312      |
| SAY                 |         |                        |        |         |               |                  |                  |                  | 0.1790312 HAC |

LAND FOR RETAIL OUTLET (NON FOREST LAND)

| SL.NO. | MKD NO. | SHAPE     | LENGTH | BREADTH | DEPTH/H EIGHT | CHORD LENGTH (I) | CURVE RADIUS (R) | CURVE HEIGHT (H) | AREA IN SQM |
|--------|---------|-----------|--------|---------|---------------|------------------|------------------|------------------|-------------|
| 1      | 1       | RECTANGLE | 50     | 60.075  |               |                  |                  |                  | 3003.75     |
| TOTAL  |         |           |        |         |               |                  |                  |                  | 3003.75     |

0.300375 HAC

AREA OF TRIANGLE  
AREA OF PARALLELOGRAM  
AREA OF CURVE PART  
AREA OF RECTANGLE

0.5XBASEXHEIGHT  
AVERAGE OF TWO PARALLEL SIDES X DISTANCE BETWEEN PARALLEL SIDE  
 $\{R^2[\cos^{-1}(R-H)/R]-(R-H) \text{ SQRT } (2RXH-H^2)\}$   
LENGTH X WIDTH

**SURAJ VIKASH**  
State Head-UP(W) & Uttarakhand  
Reliance BP Mobility Limited  
Reliance House, R K Four Square  
DLF Cyber City, 2nd Floor, Building No. 4  
Gurugram - 122002 (Haryana)

DATE 24.09.2020

SIGN & SEAL

RELIANCE BP MOBILITY LIMITED

PLACE