

Typical mounting detail of M.C.P. & Sounder

Hose box detail (Internal and external wall mounted)

Typical details of fire escape hydrant and hose reel arrangement

Typical mounting detail for fire extinguisher

LEGEND:

- PS PRESSURE SWITCH
- PG PRESSURE GLAUGE
- SH SINGLE HEADED HYDRANT VALVE
- HB HOSE BOX
- PHRC FIRE HOSE REEL CABINET
- MS PIPE
- HV BUTTERFLY VALVE
- NRV NON RETURN VALVE
- P1 900 LPM BOOSTER PUMP
- 2C 1.5 IS 50 MM ARMOURD SIGNAL LOOP CABLE
- MANUAL CALL POINT
- ELECTRONIC HOOTER
- FACP FIRE ALARM CONTROL PANEL
- EXTINGUISHER

NOTES:

- ALL DIMENSION ARE IN MM UNLESS OTHERWISE SPECIFIED.
- PIPES UP TO 1500 ARE MS - C CLASS AS PER IS 1259 PART 1
- FITTINGS SHALL BE WELDED TYPE
- PIPES SHALL BE PAINTED WITH ONE COAT OF PRIMER & TWO COATS OF ENAMEL PAINT.
- PIPE SIZE SHALL BE DONE BY THE NOMINATED CONTRACTOR BASED ON FINAL APPROVED FROM CONSULTANT.
- CABLE SIZE SHALL BE DONE BY THE NOMINATED CONTRACTOR BASED ON FINAL APPROVED FROM CONSULTANT.
- THE CABLE ROUTING IS INDICATIVE AND IS SUBJECT TO CHANGE AS PER SITE CONDITIONS.
- THE LOCATION OF DETECTORS ARE SUBJECT TO MINOR CHANGES AS PER SITE CONDITIONS TO AVOID FOLLING FOLLING WITH LIGHT FITTINGS. BEARS IN
- THE FIRE ALARM AND DETECTION SYSTEM IS DESIGNED AS PER IS: 2186/NFPA 72.
- AS PER SITE CONDITION CABLE SHOULD RUN THROUGH WALL/CEILING WHENEVER IS POSSIBLE ELSE IT WILL RUN THROUGH SUITABLE CABLE TRAY.
- THE TENTATIVE LOCATIONS OF THE FIRE EXTINGUISHERS ARE SHOWN ON DRAWINGS. ACTUAL LOCATIONS CAN BE DECIDED AT SITE AS PER STANDARDS.
- THIS BUILDING FIRE FIGHTING SYSTEM HAS DESIGNED AS PER NBC 2016 TABLE NO. 7 RESIDENTIAL BUILDINGS (B)

FIRE FIGHTING CONSULTANT:

"RADHE ENCLAVE"

\*Plot No. 356, FLAT NO. 301, 3rd Floor, Gandhi Nagar, Nagpur - 440010.

Mo. No: 7767000216, E-Mail: psengg23@gmail.com

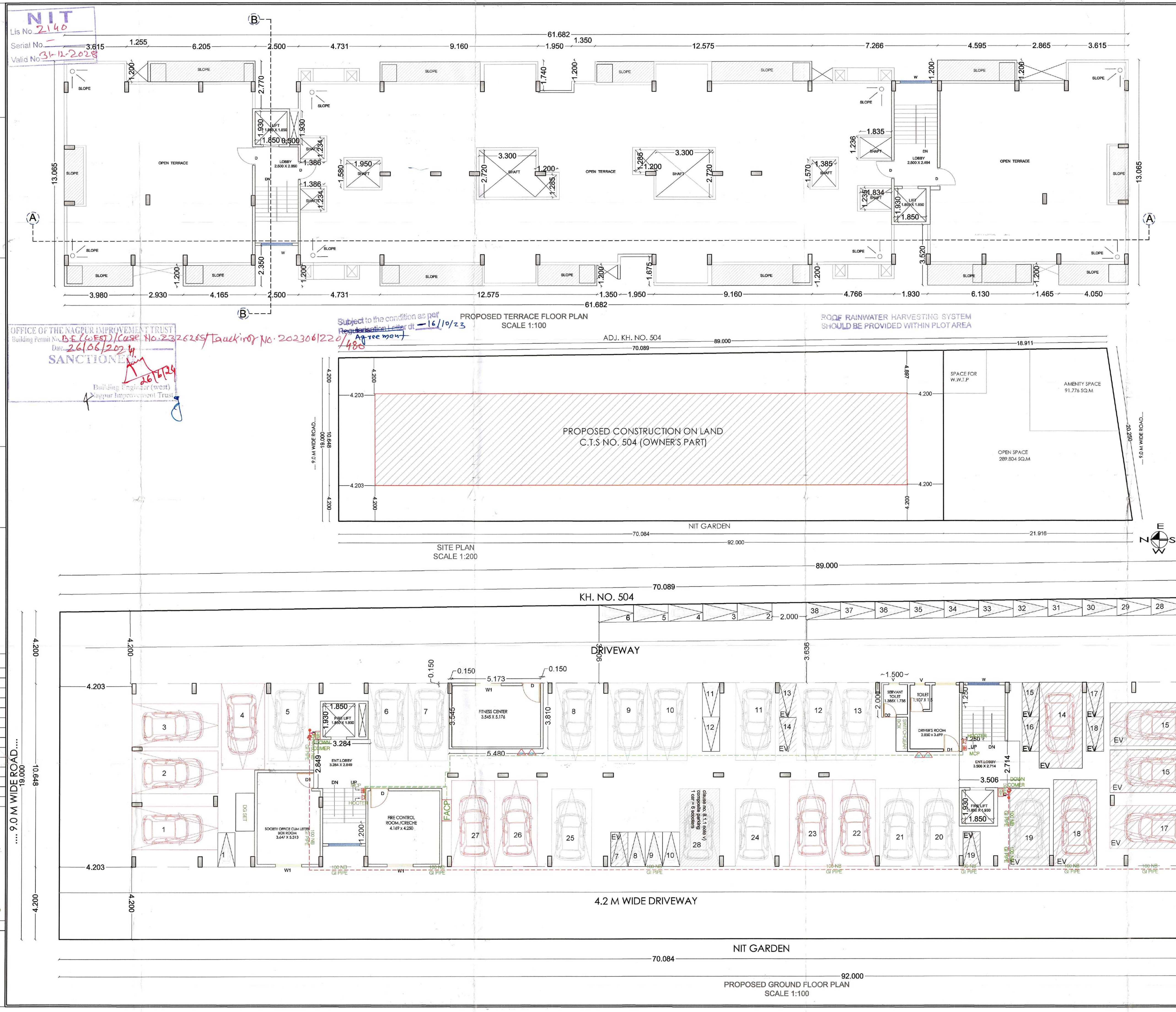
Web: www.psengg.com

LICENCE NO. MFS/LARF-94 (Hydrant System)

LICENCE NO. MFS/LARD-96 (Detection System)

LICENCE NO. MFS/LARP-20 (Passive System)

GST NO. 27AALCP9643A129



PARKING AREA STATEMENT FOR PROPOSED CONSTRUCTION

Table No. 88(UDCPR)

| NORMS FOR RESIDENTIAL                                                                                             | CAR (NOS.) | SCOOTERS (NOS.) |                     |
|-------------------------------------------------------------------------------------------------------------------|------------|-----------------|---------------------|
| For every tenement having carpet area equal to or above 80 sq. m but less than 150 sq. m                          | 1          | 1               | 5% Visitors Parking |
| For every two tenements with each tenement having carpet area equal to or above 40 Sq. m, but less than 80 Sq. m. | 1          | 2               | 5% Visitors Parking |

REQUIRED PARKING

| FOR RESIDENTIAL                                       | TENEM. | CAR  | SCOOTERS |
|-------------------------------------------------------|--------|------|----------|
| REQUIRED FOR TENEMENTS OF CARPET AREA 80 TO 150 SQ.MT | 14     | 14   | 14       |
| REQUIRED FOR TENEMENTS OF CARPET AREA 40 TO 80 SQ.MT  | 28     | 14   | 28       |
| TOTAL                                                 | 42     | 28   | 42       |
| 5% VISITOR'S PARKING                                  | 1.4    | 2.1  |          |
| TOTAL PARKING                                         | 29.4   | 44.1 |          |
| as per table no. 8 Multiplying Factor = (0.9XA)       | 26.5   | 44.1 |          |

TOTAL PROPOSED PARKING 27 44

CLAUSE NO. 8.1.1 (NOTE V) COMPOSITE PARKING 1 CAR = 6 SCOOTERS

PROPOSED COMPOSITE PARKING 1 CAR 6 SC

TOTAL PROVIDED PARKING 28 38

| VEHICLE                                      | VEHICLE NOS. | AREA    |
|----------------------------------------------|--------------|---------|
| CAR BIG- 2.5 X 5m                            | 12.500       | 13      |
| CAR SMALL- 2.3 X 4.5m                        | 10.350       | 15      |
| SCOOTER - 1 X 2m                             | 2.000        | 38      |
| TOTAL STILL PARKING AREA PROVIDED            |              | 393.750 |
| 20% PARKING ARE PROVIDED AS ELECTRIC VEHICLE | 6            | 8       |

STATION OFFICER

FIRE & EMERGENCY SERVICE

ARENDRA NAGAR FIRE STATION

N.M.C. NAGPUR

FLOOR WISE FSI STATEMENT AS PER P-LINE :-

| FLOOR'S NAME | PROPOSED B/U AREA COMM. | RESI.    | TENEMENTS | TOTAL BUILT UP AREA |
|--------------|-------------------------|----------|-----------|---------------------|
| GROUND FLOOR | 0.000                   | 77.605   | 0         | 77.6050             |
| 1st FLOOR    | 0.000                   | 672.518  | 6         | 672.5180            |
| 2nd FLOOR    | 0.000                   | 683.966  | 6         | 683.9660            |
| 3rd FLOOR    | 0.000                   | 683.966  | 6         | 683.9660            |
| 4th FLOOR    | 0.000                   | 683.966  | 6         | 683.9660            |
| 5th FLOOR    | 0.000                   | 683.966  | 6         | 683.9660            |
| 6th FLOOR    | 0.000                   | 683.966  | 6         | 683.9660            |
| 7th FLOOR    | 0.000                   | 683.966  | 6         | 683.9660            |
| TOTAL        | 0.0000                  | 4853.919 | 42        | 4853.919            |

GROUND FLOOR AREA FREE OF FSI

Sr.No. Polygon Dimensions Area

|   |       |                   |        |
|---|-------|-------------------|--------|
| 1 | A     | 1 X 2.765 X 3.284 | 6.166  |
| 2 | B     | 1 X 3.284 X 2.849 | 9.356  |
| 3 | C     | 1 X 2.500 X 3.365 | 8.413  |
| 4 | D     | 1 X 2.230 X 2.230 | 4.973  |
| 5 | E     | 1 X 2.800 X 2.108 | 5.902  |
| 6 | F     | 1 X 0.706 X 2.714 | 1.916  |
| 7 | G     | 1 X 2.649 X 4.006 | 10.612 |
| 8 | Total |                   | 47.338 |

GROUND FLOOR AREA FREE OF FSI SCALE :- 1:200

BUILT UP AREA FOR GROUND FLOOR PLAN

Sr.No. Polygon Dimensions Area

|   |         |                   |        |
|---|---------|-------------------|--------|
| 1 | A-Block | 1 X 3.412 X 1.005 | 3.634  |
| 2 | B-Block | 1 X 4.548 X 3.947 | 17.951 |
| 3 | C-Block | 1 X 4.399 X 4.550 | 20.015 |
| 4 | D-Block | 1 X 3.316 X 1.915 | 2.520  |
| 5 | E       | 1 X 3.150 X 4.002 | 12.606 |
| 6 | D-BLOCK | 1 X 5.480 X 3.810 | 20.879 |
| 7 | Total   |                   | 77.605 |

BUILT UP AREA P-LINE KEY PLAN OF GROUND FLOOR PLAN SCALE :- 1:200

SPACE FOR W.W.T.P

OPEN SPACE 288.72 SQ.M

AMENITY SPACE 90.09 SQ.M

NAGPUR MUNICIPAL CORPORATION NAGPUR

(FIRE AND EMERGENCY SERVICE)

Provisional Fire Safety Approval Certificate hereby issued by Fire & Emergency Service Dept. for the proposed construction. The scope of this approval is Restricted to Fire Prevention and Life Safety Measures only.

Please See conditions mentioned to in Provisional Fire Safety Approval Certificate No. PES / 2023 / 107 / CPO dated 16/10/23.

Chief Fire Officer Fire & Emergency Service

JOB TITLE 1/2

PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING ON LAND, KH. NO. 62/1, 62/7, 62/10, MOUZA- SOMALWADA, CTS NO. 504, SHEET NO. 679/18, P.H.NO. 44, TAH & DIST. NAGPUR.

BELONGING TO, MR. KAMALKUMAR SATYANARAYAN AGRAWAL

SCHEDULE OF OPENINGS :

| CODE | SIZE        | SILL LVL. | LTL LVL. | REMARKS          |
|------|-------------|-----------|----------|------------------|
| W    | 1800 x 1500 | 600       | 2100     | TW.GLAZED WINDOW |
| W1   | 1000 x 1500 | 600       | 2100     | TW.GLAZED WINDOW |
| W2   | 900 x 900   | 1200      | 2100     | TW.GLAZED WINDOW |
| W3   | 600 x 900   | 1200      | 2100     | TW.GLAZED WINDOW |
| V    | 600 x 750   | ---       | 2100     | VENTILATOR       |
| SD   | 2400 x 2100 | ---       | 2100     | SLIDING DOOR     |
| SD1  | 1800 x 2100 | ---       | 2100     | SLIDING DOOR     |
| SD2  | 1200 x 2100 | ---       | 2100     | SLIDING DOOR     |
| D    | 1065 x 2100 | ---       | 2100     | T.W. DOOR        |
| D1   | 915 x 2100  | ---       | 2100     | T.W. DOOR        |
| D2   | 765 x 2100  | ---       | 2100     | T.W. DOOR        |

NO. AREA STATEMENT Sq.Mt.

1 Area of Plot (Minimum area of a, b, c to be considered)

(a) As per ownership document 7/12, CTS EXTRAC 1765.350

(b) As per measurement sheet 1765.350

(c) as per site 1765.350

2 Deductions For

(a) Proposed D.P./D.P. Road widening Area/Service Road / Highway widening NA

(b) Any D.P. Reservation area NA

(c) Total (a+b) 0.000

3 Balance area of plot (1-2) 1765.350

4 Amenity Space (if applicable)

(a) Required - NA

(b) Adjustment of 2(c), if any - 90.090

(c) Balance Proposed - NA

5 Net Plot Area (3-4 (c)) 1675.060

6 Recreational Open space (if applicable)

(a) Required - (10%) NA

(b) Proposed - NA

7 Internal Road area NA

8 Flexible area (if applicable) NA

9 Built up area with reference to Basic F.S.I. as per front road width (or No. Sub-Base FSI) 1842.566

10 Addition of FSI on payment of premium

(a) Maximum permissible premium FSI - based on road width / TOD Zone 837.530

(b) Proposed FSI on payment of premium 678.977

11 In-situ FSI / TOD loading

(a) In-situ area against D.P. road (2.0 x Sr. No. 2 (a)), if any NA

(b) In-situ area against Amenity Space if handed over (2.00 or 1.85 x Sr. No. 4 (b) and / or (c)) 512.356

(c) TOD area 512.356

(d) Total in-situ / TOD loading proposed (11 (a)-(b)-(c)) 512.356

12 Additional FSI area under Chapter No. 7 NA

13 Total entitlement of FSI in the proposal

(a) (1b + 10%) or (11d) or (12) whichever is applicable. 3033.699

(b) Ancillary Area FSI upto 60% with payment of charges ( USED FOR RESIDENTIAL 60% ) i.e Residential other than residential-1800.22-0 1820.220

(c) Total entitlement (a-b) 4853.919

14 Maximum utilization limit of F.S.I. (building potential) Permissible as per road width (As per Regulation No. 6.3 or 6.3 or 6.3 or 6.4 as applicable) x 3.5 or 3.9 2x1.8x3.2

15 Total Built-up Area in proposal (excluding area at Sr.No.17 b)

(a) Existing Built-up Area 0.000

(b) Proposed Built-up Area (as per 'P-line') 4853.919

(c) Total (a+b) 4853.919

16 F.S.I. Consumed (15/3) (should not be more than serial No.14 above.) 2.998

17 Area for Inclusive Housing, if any NA

(a) Required (20% of Sr.No.5) NA

(b) Proposed NA

DRAWING SUBMISSION DWG. REFERENCE :

PLOT BOUNDARY SHOWN IN THIS

PROPOSED CONSTRUCTION SHOWN IN THIS

COA REG. NO. CA/2007/39381 NIT. REG. NO. 2140 RAC. REG. NO. R-402

1:100 & 1:200 DEALT BY: RAKHI CHECKED BY:

31.08.2023

Note - ALL DIMENSIONS ARE IN M.

Owner's Declaration -

Owner hereby declares that the plot under reference was surveyed by me on ... and the dimensions of sides etc. of plot stated on plan are as measured on site and the area so worked out falls within the area stated in document of Ownership/ T.P. Scheme Record/ Land Record/ Department/City Survey records.

Owner (s) name and signature MR. KAMALKUMAR SATYANARAYAN AGRAWAL

Certificate of Area:

Certified that the plot under reference was surveyed by me on ... and the dimensions of sides etc. of plot stated on plan are as measured on site and the area so worked out falls within the area stated in document of Ownership/ T.P. Scheme Record/ Land Record/ Department/City Survey records.

Ar. LOKESH KADU CA/2007/39381 NMCR-402, NIT-2140, LOKESH V. KADU COA No. CA/2007/36381

Signature (Name of Architect/ Licensed Engineer/ Supervisor)

Ar. LOKESH V. KADU Architecture, Planning, Interior's Block No. 11, 11A, 12, A-Wing (J.B. Wing), Mangalwar Complex, Sadar, Nagpur - 440010, (M.S.), India. call: +91 9828722841 & 91 7276843231 mail: ar.emanatedesign@gmail.com, web: www.emanatedesign.in