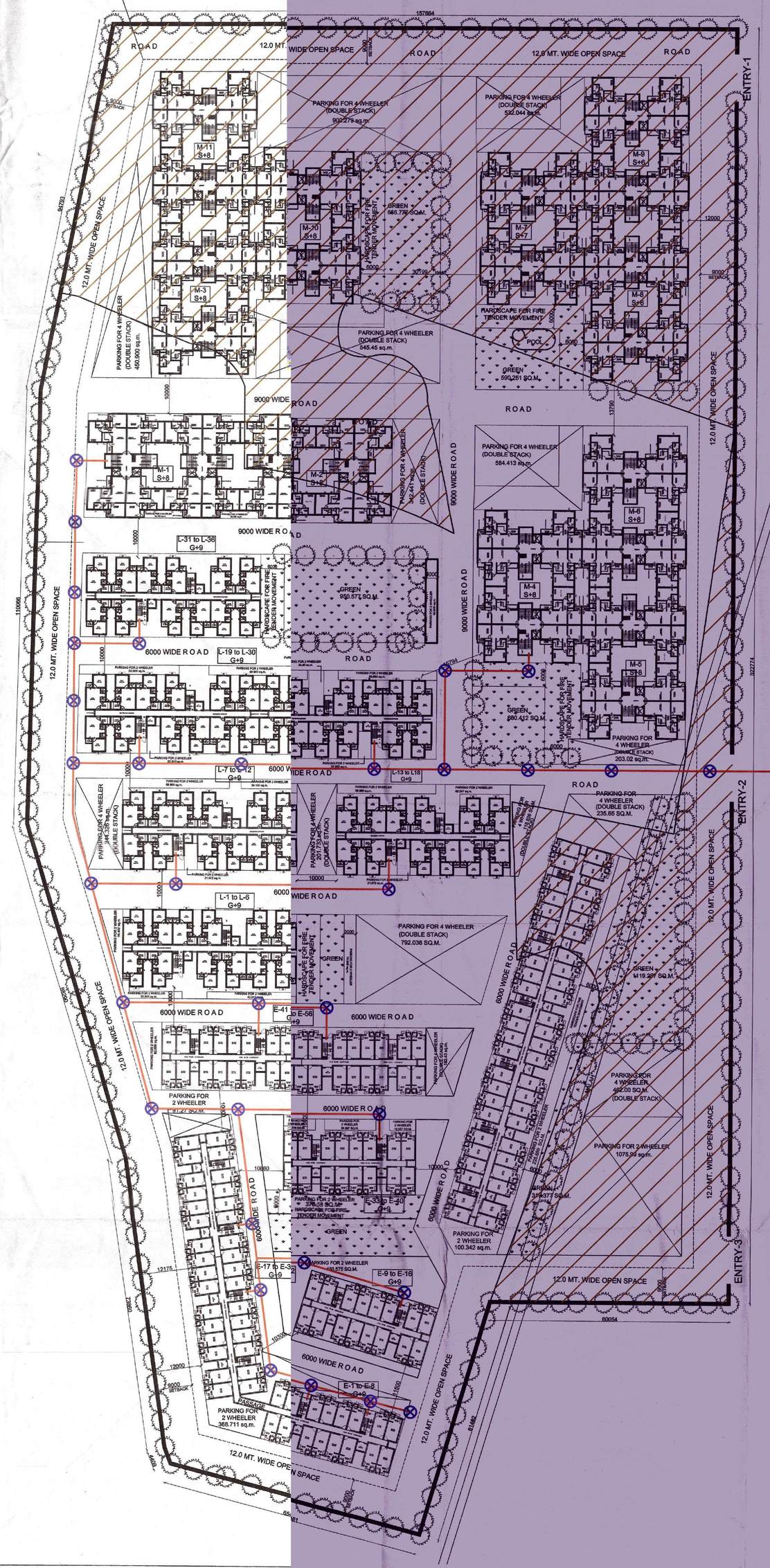



| | | |
|---|---|---|
| **TOTAL GROUP HOUSING AREA** | **47063.00** | **SQ.M.** |
| **PLOT AREA FOR M.I.G.** | **17383.20** | **SQ.M.** |
| **PLOT AREA FOR E.W.S. & L.I.G** | **29679.80** | **SQ.M.** |

**M.I.G. COVERED AREA CALCULATIONS IN SQ.M.**

| TOWER NAME | TOTAL GROUND COVERAGE | STILT FLOOR AREA NOT INCLUDED IN F.A.R (IN SQ.M.) | STILT FLOOR AREA INCLUDED IN F.A.R (SERVICES CORE) | 1ST FLOOR AREA (IN SQ.M.) | 2ND FLOOR AREA (IN SQ.M.) | 3RD FLOOR AREA (IN SQ.M.) | 4TH FLOOR AREA (IN SQ.M.) | 5th FLOOR AREA (IN SQ.M.) | 6th FLOOR AREA (IN SQ.M.) | 7th FLOOR AREA (IN SQ.M.) | 8th FLOOR AREA (IN SQ.M.) | TOTAL F.A.R (IN SQ.M.) | MUMTY & MACHINE ROOM AREA NOT INCLUDED IN F.A.R (IN SQ.M.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOWER - M1 (S+8) | 676.890 | 580.216 | 96.674 | 662.450 | 662.450 | 662.450 | 662.450 | 662.450 | 662.450 | 662.450 | 662.450 | 5396.274 | 122.692 |
| TOWER - M2 (S+8) | | | | | | | | | | | | | |
| TOWER - M3 (S+8) | | | | | | | | | | | | | |
| TOWER - M4 (S+8) | 676.890 | 580.216 | 96.674 | 662.450 | 662.450 | 662.450 | 662.450 | 662.450 | 662.450 | 662.450 | 662.450 | 5396.274 | 122.692 |
| TOWER - M5 (S+8) | 676.890 | 580.216 | 96.674 | 662.450 | 662.450 | 662.450 | 662.450 | 662.450 | 662.450 | 662.450 | 662.450 | 5396.274 | 122.692 |
| TOWER - M6 (S+8) | 676.890 | 580.216 | 96.674 | 662.450 | 662.450 | 662.450 | 662.450 | 662.450 | 662.450 | 662.450 | 662.450 | 5396.274 | 122.692 |
| TOWER - M7 (S+7) | | | | | | | | | | | | | |
| TOWER - M8 (S+6) | | | | | | | | | | | | | |
| TOWER - M9 (S+6) | | | | | | | | | | | | | |
| TOWER - M10 (S+8) | | | | | | | | | | | | | |
| TOWER - M11 (S+8) | | | | | | | | | | | | | |
| CLUB | | | | | | | | | | | | | |
| TOTAL | 2707.560 | 2320.864 | 386.696 | 2649.800 | 2649.800 | 2649.800 | 2649.800 | 2649.800 | 2649.800 | 2649.800 | 2649.800 | 21585.096 | 490.768 |

| | | |
|---|---|---|
| **TOTAL SITE AREA** | 17383.2 | SQM. |
| | 1.738 | HECTARE |
| **MANDATORY GREEN** | 15 | % |
| | 2607.480 | SQM. |
| **NET SITE AREA =(SITE AREA-MANDATORY GREEN - SHOP )** | 14775.720 | SQM. |
| **PERMISSIBLE F.A.R.** | 2.50 | |
| | 36939.300 | SQM. |
| **ACHIVED F.A.R** | 21585.096 | SQM. |
| | 1.461 | |
| **PERMISSIBLE GROUND COVERAGE** | 40 | % |
| | 6953.28 | SQM. |
| **PROPOSED GROUND COVERAGE ON 26395.617 SQ.M.** | 2707.560 | SQM. |
| | 15.576 | % |

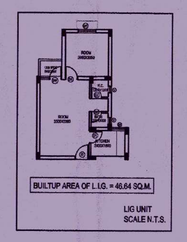
**DENSITY CALCULATION**

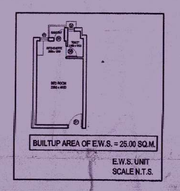
| TOTAL SITE AREA | 17383.200 SQM | | | |
|---|---|---|---|---|
| | 1.7383 HECTARE | | | |
| TOWER | NO. OF FLATS ON EACH FLOOR | NO. OF FLOORS | TOTAL NO. OF FLATS | POPULATION |
| TOWER - M1 (S+8) | 8 | 8 | 64 | 320 |
| TOWER - M2 (S+8) | | | | |
| TOWER - M3 (S+8) | | | | |
| TOWER - M4 (S+8) | 8 | 8 | 64 | 320 |
| TOWER - M5 (S+8) | 8 | 8 | 64 | 320 |
| TOWER - M6 (S+8) | 8 | 8 | 64 | 320 |
| TOWER - M7 (S+7) | | | | |
| TOWER - M8 (S+6) | | | | |
| TOWER - M9 (S+6) | | | | |
| TOWER - M10 (S+8) | | | | |
| TOWER - M11 (S+8) | | | | |
| TOTAL | | | 256 | 1280 |
| DENSITY ACHIEVED | 736 | PPH | | |
| PERMISSIBLE DENSITY | 1650 | PPH | | |

| CAR PARKING REQUIRED | | |
|---|---|---|
| PARKING REQUIRED FOR M.I.G. | | |
| TOTAL COVD. AREA OF M.I.G. | 21585.096 | SQ.M. |
| TOTAL PARKING REQUIRED (1.25 ECS PER 100 SQ.M.) | 270 | NOS. |
| PARKING REQUIRED FOR L.I.G. (TWO D.U.) | 380 | NOS. |
| ONE ECS PER 4 D.U. | | |
| TOTAL REQUIRED PARKING | 650 | NOS. |
| PROPOSED PARKING ON STILT FLOOR ( 2320.864 @20 SQM) | 89 | NOS. |
| TOTAL SET BACK AREA | 6982.000 | SQ.M. |
| 30% OF SETBACK AREA | 1695.600 | SQ.M. |
| PERMISSIBLE PARKING IN 30% OF SETBACK AREA @23 SQ.M. PER CAR | 152 | NOS. |
| PROPOSED PARKING ON SURBACK (TOTAL AREA 9600.950 SQ.M.) AREA @58 SQ.M. PER E.C.S. | 211 | NOS. |
| TOTAL PROPOSED PARKING (89+152+211) | 450 | NOS. |

**E.W.S./L.I.G. COVERED AREA CALCULATIONS IN SQ.M.**

| TOWER NAME | TOTAL GROUND COVERAGE | GROUND FLOOR AREA (IN SQ.M.) | 1ST FLOOR AREA (IN SQ.M.) | 2ND FLOOR AREA (IN SQ.M.) | 3RD FLOOR AREA (IN SQ.M.) | 4th FLOOR AREA (IN SQ.M.) | 5th FLOOR AREA (IN SQ.M.) | 6th FLOOR AREA (IN SQ.M.) | 7th FLOOR AREA (IN SQ.M.) | 8th FLOOR AREA (IN SQ.M.) | 9th FLOOR AREA (IN SQ.M.) | TOTAL F.A.R (IN SQ.M.) | MUMTY & MACHINE ROOM AREA NOT INCLUDED IN F.A.R (IN SQ.M.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOWER - E-1 to E-8 (G+9) | 467.744 | 450.944 | 441.684 | 441.684 | 441.684 | 441.684 | 441.684 | 441.684 | 441.684 | 441.684 | 441.684 | 4426.100 | 53.390 |
| TOWER - E-9 to E-16 (G+9) | 467.744 | 450.944 | 441.684 | 441.684 | 441.684 | 441.684 | 441.684 | 441.684 | 441.684 | 441.684 | 441.684 | 4426.100 | 53.390 |
| TOWER - E-17 to E-32 (G+9) | 938.445 | 904.840 | 886.325 | 886.325 | 886.325 | 886.325 | 886.325 | 886.325 | 886.325 | 886.325 | 886.325 | 8881.765 | 106.780 |
| TOWER - E-33 to E-40 (G+9) | 467.744 | 450.944 | 441.684 | 441.684 | 441.684 | 441.684 | 441.684 | 441.684 | 441.684 | 441.684 | 441.684 | 4426.100 | 53.390 |
| TOWER - E-41 to E-56 (G+9) | 938.445 | 904.840 | 886.325 | 886.325 | 886.325 | 886.325 | 886.325 | 886.325 | 886.325 | 886.325 | 886.325 | 8881.765 | 106.780 |
| TOWER - E-57 to E-64 (G+9) | 467.744 | 450.944 | 441.684 | 441.684 | 441.684 | 441.684 | 441.684 | 441.684 | 441.684 | 441.684 | 441.684 | 4426.100 | 53.390 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOWER - L1 to L6 (G+9) | 645.400 | 632.208 | 624.603 | 624.603 | 624.603 | 624.603 | 624.603 | 624.603 | 624.603 | 624.603 | 624.603 | 6253.635 | 53.156 |
| TOWER - L7 to L-12 (G+9) | 645.400 | 632.208 | 624.603 | 624.603 | 624.603 | 624.603 | 624.603 | 624.603 | 624.603 | 624.603 | 624.603 | 6253.635 | 53.156 |
| TOWER - L13 to L-18 (G+9) | 645.400 | 632.208 | 624.603 | 624.603 | 624.603 | 624.603 | 624.603 | 624.603 | 624.603 | 624.603 | 624.603 | 6253.635 | 53.156 |
| TOWER - L19 to L-30 (G+9) | 1280.050 | 1260.262 | 1245.052 | 1245.052 | 1245.052 | 1245.052 | 1245.052 | 1245.052 | 1245.052 | 1245.052 | 1245.052 | 12465.730 | 106.312 |
| TOWER - L31 to L-36 (G+9) | 645.400 | 632.208 | 624.603 | 624.603 | 624.603 | 624.603 | 624.603 | 624.603 | 624.603 | 624.603 | 624.603 | 6253.635 | 53.156 |
| TOTAL | 7609.516 | 7402.550 | 7282.850 | 7282.850 | 7282.850 | 7282.850 | 7282.850 | 7282.850 | 7282.850 | 7282.850 | 7282.850 | 72948.200 | 746.056 |



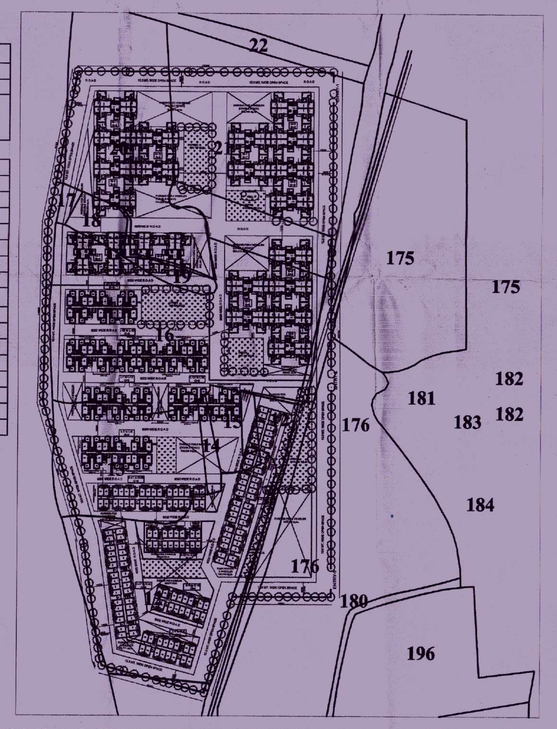

| | | |
|---|---|---|
| **TOTAL SITE AREA** | 29679.800 | SQM. |
| | 2.968 | HECTARE |
| **PROPOSED GROUND COVERAGE** | 7609.516 | SQM. |
| | 25.64% | |
| **ACHIVED F.A.R** | 72948.200 | |
| | 2.42% | |
| **TOTAL UNIT OF E.W.S.** | 1280 | DU'S |
| **TOTAL 2-WHEELER PARKING REQUIRED (2 SQ.M. PER D.U.)** | 2560.00 | SQM. |
| **TOTAL 2-WHEELER PARKING PROVIDED** | 2591.27 | SQM. |

**DENSITY CALCULATION OF EWS/LIG**

| | | | | |
|---|---|---|---|---|
| TOWER - E1 TO E64 | = | 64x2 x10 fl. | = | 1280 DU'S |
| TOWER - L1 TO L36 | = | 36x2x10 fl. | = | 720 DU'S |

**EWS & LIG DENSITY CALCULATION**

| TOTAL SITE AREA | 29679.800 SQM | | | |
|---|---|---|---|---|
| | 2.9680 HECTARE | | | |
| TOWER | NO. OF FLATS ON EACH FLOOR | NO. OF FLOORS | TOTAL NO. OF FLATS | POPULATION |
| **E. W. S. DENSITY CALCULATION** | | | | |
| TOWER - E-1 to E-8 (G+9) | 16 | 10 | 160 | 800 |
| TOWER - E-9 to E-16 (G+9) | 16 | 10 | 160 | 800 |
| TOWER - E-17 to E-32 (G+9) | 32 | 10 | 320 | 1600 |
| TOWER - E-33 to E-40 (G+9) | 16 | 10 | 160 | 800 |
| TOWER - E-41 to E-56 (G+9) | 32 | 10 | 320 | 1600 |
| TOWER - E-57 to E-64 (G+9) | 16 | 10 | 160 | 800 |
| DENSITY ACHIEVED E.W.S. | | | 1280 | 6400 |
| **L. I. G. DENSITY CALCULATION** | | | | |
| TOWER - L1 to L6 (G+9) | 12 | 10 | 120 | 600 |
| TOWER - L7 to L-12 (G+9) | 12 | 10 | 120 | 600 |
| TOWER - L13 to L-18 (G+9) | 12 | 10 | 120 | 600 |
| TOWER - L19 to L-30 (G+9) | 24 | 10 | 240 | 1200 |
| TOWER - L31 to L-36 (G+9) | 12 | 10 | 120 | 600 |
| DENSITY ACHIEVED L.I.G | | | 720 | 3600 |



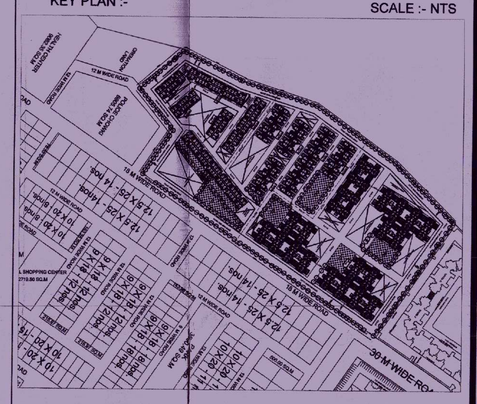

SAJRA SUPERIMPOSE ON SITE PLAN SCALE :- NTS

01SP/14

DRAWING TITLE

SUBMISSION DRAWING FOR SITE PLAN MIG/EWS / LIG GROUP HOUSING AT MEGAPOLIS , DADRI.

KEY PLAN :- SCALE :- NTS



**LEGEND**

1. FIRE EXTINGUISHERS 9 LITRE CAPACITY — FE
2. HOSE REELS & LANDING VALVES WITH F.H.C. — FHC
3. WEIGHT RISER SYSTEM DIA 150 MM
4. YARD HYDRANTS RING MAIN DIA AS PER N.B.C.
5. AUTOMATIC SPRINKLER SYSTEM
6. ENTIRE BUILDING SPRINKLERED AUTOMATIC
7. M.O.E.F.A.
8. AUTO DETECTION SYSTEM
9. U.G. TANK CAPACITY 1,00,000 LTS.
10. TERRACE TANK CAPACITY 25,000 LTS.
11. TWO ELECTRIC PUMP CAPACITY EACH 2280 LPM.
12. ONE DIESEL PUMP 2280 LPM
13. JOCKY PUMP AS PER N.B.C. NORMS
14. FOURWAY OUTLET
15. TWO WAY FIRE INLET
16. P.A. SYSTEM
17. FIRE CONTROL ROOM AT GROUND FLOOR
18. PUMP ROOM IN THE UPPER BASEMENT PREFERRED OUT OF THE BUILDING
19. SET BACK AS PER N.B.C. NORMS
20. STRUCTURAL SAFETY AS PER NORMS
21. FIRE MAN LIFT WITH COMMUNICATION SYSTEM
22. FIRE STAIRCASE TOWARDS OUTSIDE
23. SMOKE DETECTOR — S

| NORTH | SCALE | SHEET NO. |
|---|---|---|
| | 1:500 | A/WD/EWS/LIG/GHS/SD/01SP/14 |
| | | DATE JUNE 2014 |

| DEALT BY | CHECKED BY |
|---|---|
| | |

FIRE FIGHTING DRAWING

OWNER:-

ANSAL HI-TECH TOWNSHIP LTD.
115, ANSAL BHAWAN,K.G.MARG,
NEW DELHI 110001 (INDIA)

OWNER'S SIGN

RUCHI MISHRA
Reg. No. CA/2008/43324

ARCHITECT'S SIGN

CONSULTANTS :-

RUDRABHISHEK ENTERPRISES PVT. LTD.
A-8 SECTOR - 58, NOIDA 201301
PH. - 0120-4022302-318, FAX - 0120-4022301
email:d. info@replurbanplanners.com
www. replurbanplanners.com