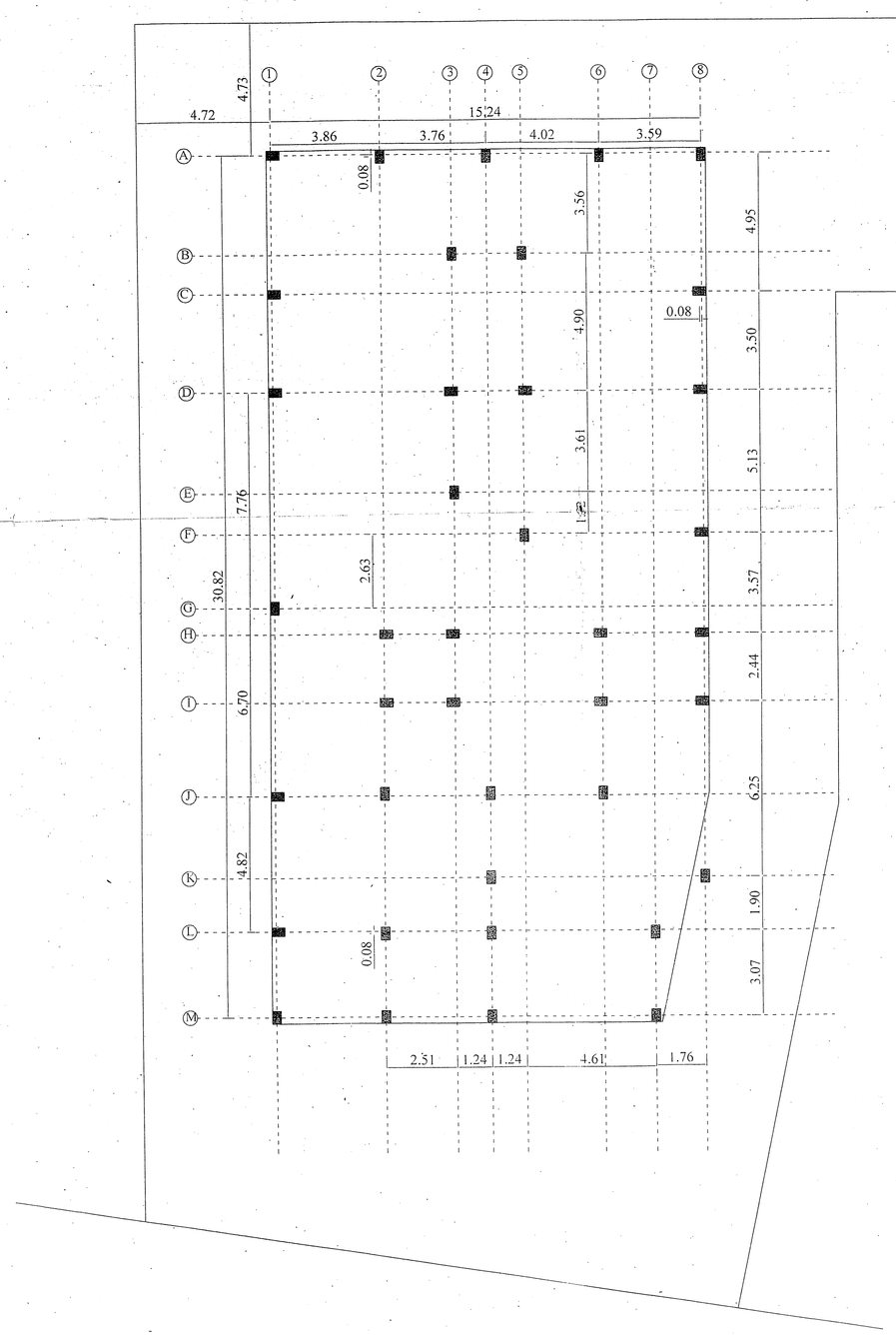
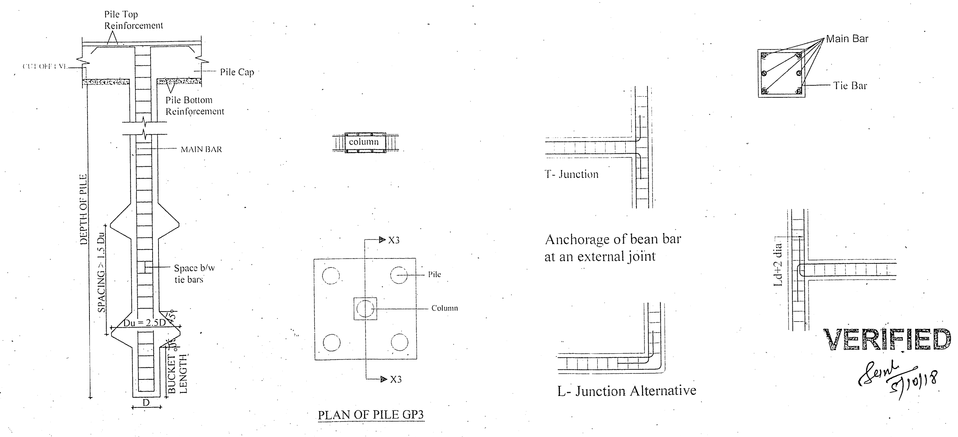
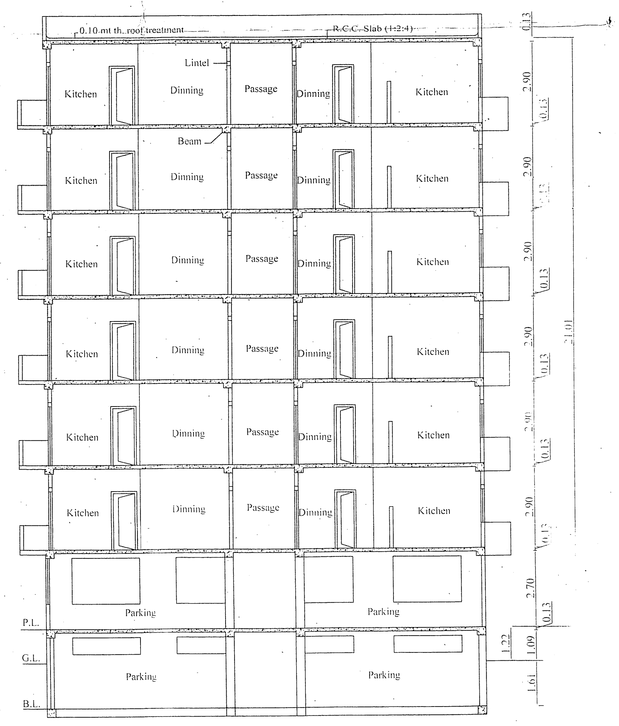


200' WD. ROAD

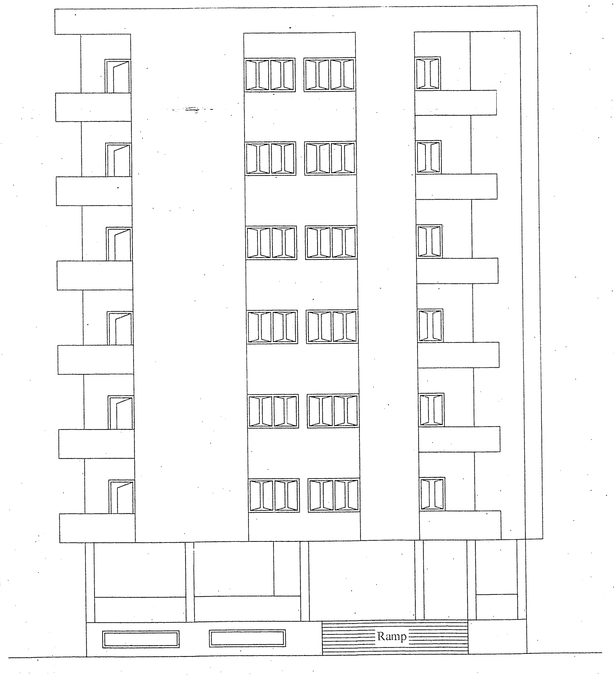
LAYOUT PLAN



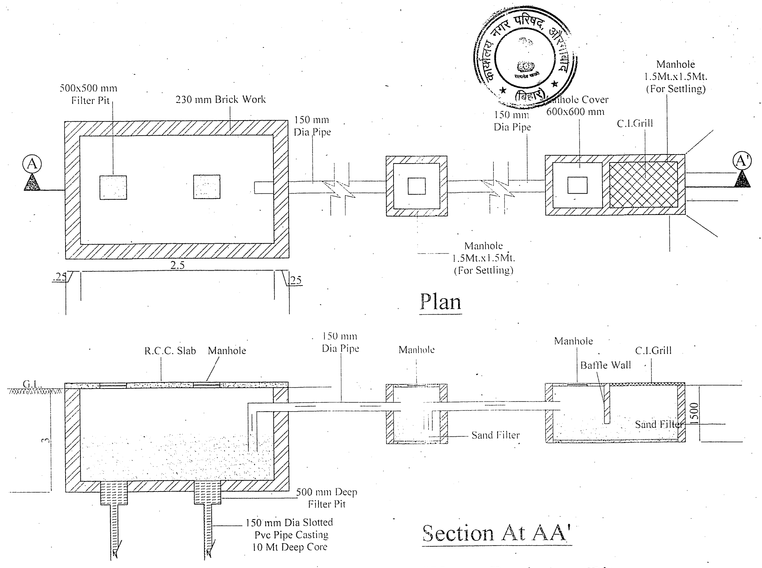
Details Of Under Reamed Cast in Situ Pile



SECTION - XX'



FRONT (NORTH SIDE) ELEVATION

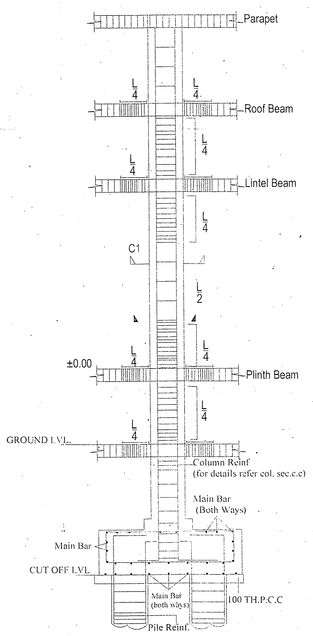


Plan

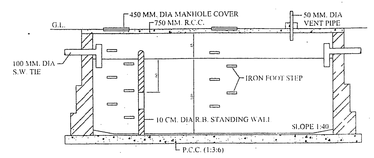
Section At AA'

Water Recharge Pit

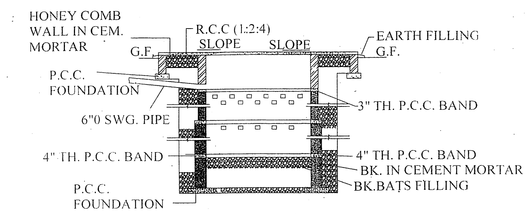




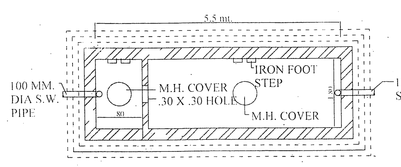
Section of Pile AT X3-X3



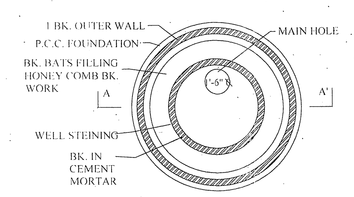
SECTION OF SEPTIC TANK



SECTION OF SOAK PIT



SEPTIC TANK



SOAK PIT



SIDE (WEST SIDE) ELEVATION

PROPOSED BASEMENT & GROUND TO SIXTH FLOOR RESIDENTIAL PLAN FOR SMT. RAJ KUMARI DEVI W/O SRI. OM PRAKASH AND SRI. OM PRAKASH KHEMKA S/O LATE OMKARMAL KHEMKA, MAUZA - KATHRUA & JASOIYA, THANA NO. - 264 & 561, WARD NO. - 01 & 02, KHATA NO. - 10; 10/333; 780/4; 780/5, PLOT NO. - 900; 900/2185; 2181/901; 2182/1023, P.S. - AURANGABAD, DIST. - AURANGABAD. DEVELOPMENT AGREEMENT WITH "INDRA NAMAN ENGINCON, PVT. LTD." PROPRIETOR SRI. VISHAL SANJAY BARIYAR S/O LATE SANJAY BARIYAR R/O VILLAGE - GAURIKUNJ NUTAN NAGAR, GAYA, P.S. & DIST. - GAYA.

SPECIFICATIONS -

FOUNDATION - Providing & installing bored cast in situ r.c.c. (reinforced cement concrete) of specified dia and length below the pilecap in cement mortar 1:$\frac{1}{2}$:3 (1 cement : $\frac{1}{2}$ mm coarse sand : 3 graded stone aggregate or 20mm. nominal size) to carry the safe working load not less than specified.

SUPER STRUCTURE - Providing Ist Class brick work in cement mortar 1:6 or 1:4 (1 cement : 6 fine sand)

LINTEL - R.C.C. 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) at lintel level as per structure design.

ROOFING - Providing 125 MM. R.C.C. roof slab with approved quality of stone chips and graded coarse sand as per structure design.

FLOORING - Providing cement concrete flooring 1:2:4 (1 cement : 2 approved coarse sand : 4 stone aggregate) finished with a coat of neat sand including cement slurry.

WOOD WORK - Providing & fixing good quality well dressed and well seasoned sal wood work in chaukhats (100 x 75) of doors & windows affix with s.s. hings and fittings, 30 mm. th. non decorative type, core of block board and commercial 3 ply veneering with ver. grains & face veneers on both faces of shutter.

PLASTERING - 12 mm. thick cement plaster (1:6) with fine sand inner and outer side of wall.

COLOURING - Two coats white wash or colour as per choice.

TOILET - As per septic type.

ELECRICALS - Concealed P.V.C. conduit wiring with standard electrical accessories-power points, electrical fittings like tubes, bulbs etc.

STRUCTURAL NOTES -:

1. All R.C.C. construction work shall be done strictly as per IS 456-2000 & IS 13920-1993.
2. High yield strength steel(deformed bars) having yield stress not less than 415 N/mm(FE 415) conforming to IS 1786-1985 shall be used as reinforcement unless specified otherwise.
3. Concrete specifications shall be as per IS 456-2000 & IS 13920-1993.
4. Concrete mix shall be as follows unless specified otherwise -
   (A) Foundation, Beam and column - M 20
5. Clear minimum cover for main reinforcement is as follows : unless specified otherwise -
   (A) Beam - 25 mm or the diameter of the bar whichever is greater.
   (B) Slab - 20 mm or the diameter of the bar whichever is greater.
   (C) Column - 40 mm.
6. Bending and fixing of bars for reinforcement shall be as per IS 2502-1963 and IS 5525-1969.
7. This structural drawing should be compared with the detailed relevant architectural drawing before execution.
8. Foundation has been designed for a soil bearing capacity of 7.50 t/m2. At the required depth will be conformed be soil test.

OCCUPANT LOAD:-
No. of flat - 36
No. of person per flat - 5
Total no. of person - 36 X 5 = 180
(Considered 1 septic tank for 200 Person)

SEPTIC TANK REQUIREMENT :-
200 person - liquid Capacity - 0.069 x 200 = 13.8
SIZE OF TANK = L- 5.50 m x B - 1.80 m x D - 1.40 m

WATER TANK REQUIREMENT :-
135 lit/ person / dry
135 lit. x 200 person = 27000 lit.
1R.C.C. water tank with capacity of 13500 lit. (provided)

NORTH : S E W N

SHEET NO. - 02/02

SCALE :
1. Layout Plan, Elevations & Section -1:100

OWNER SIGN :

ENGINEER SIGN :

Er. KUMAR UJJWAL
B.E. (CIVIL), MIE (M1513367)
Structure Engineer.

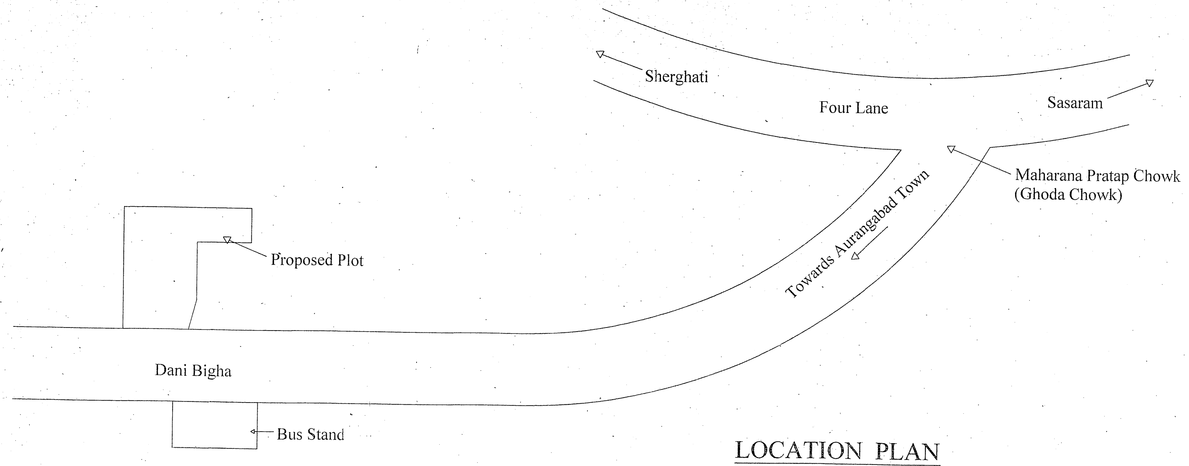
ARCHITECT SIGN :

Ar. Mishi Jain
Certified Architect At
M. Arch. Blackmore., IP
AIA (Mumbai) COA Regd. No. CA/2016/

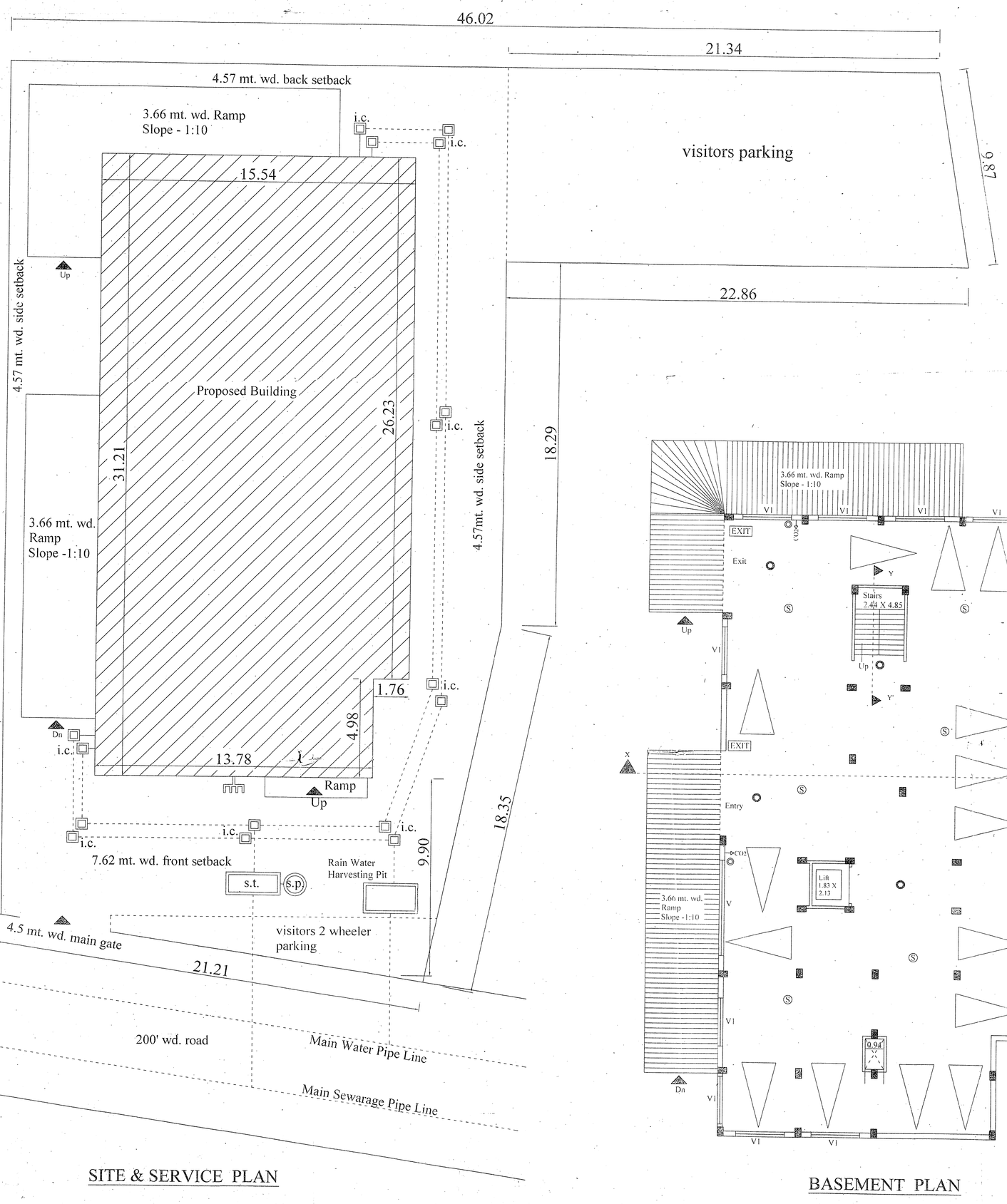
OFFICE USE :

MAP SANCTION NO.-3४५/१८-१९ (Building Permit Attached)
इस शर्त के साथ नक्शा स्वीकृत किया जाता है कि प्राधी निर्माण के दौरान बिहार भवन उप विधि का पालन करेंगे और इस अधिनियम के अन्य प्रावधानों का उल्लंघन / अतिक्रमण / विचलन नही करेंगे।
Map Valid For Three Year Only

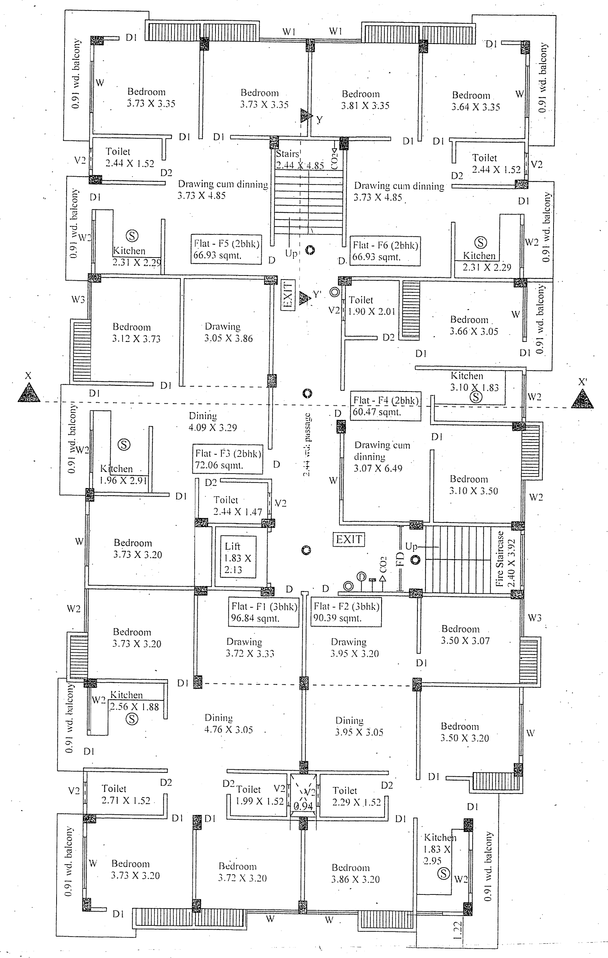
नगर कार्यपालक पदाधिकारी
नगर परिषद, औरंगाबाद (बिहार)



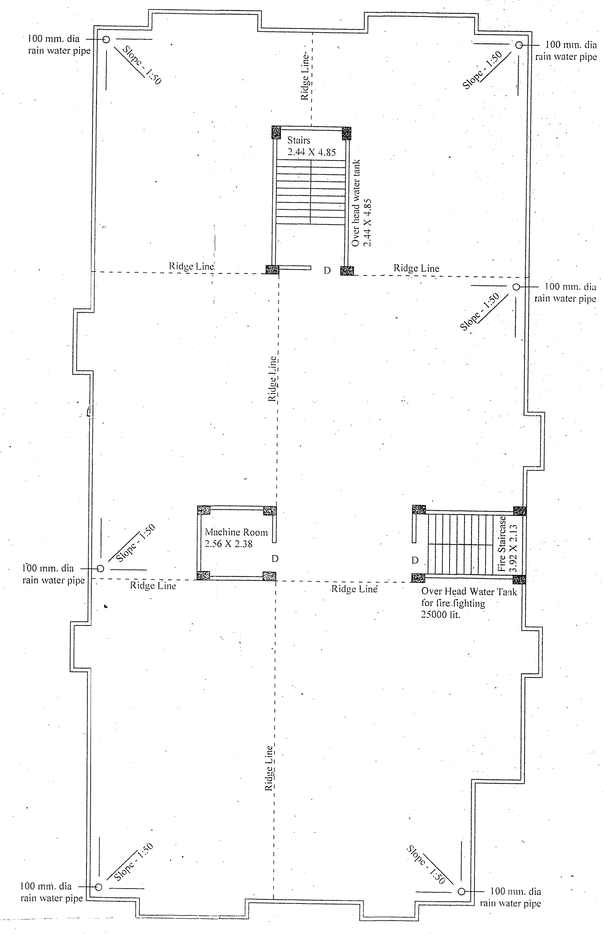
LOCATION PLAN



SITE & SERVICE PLAN

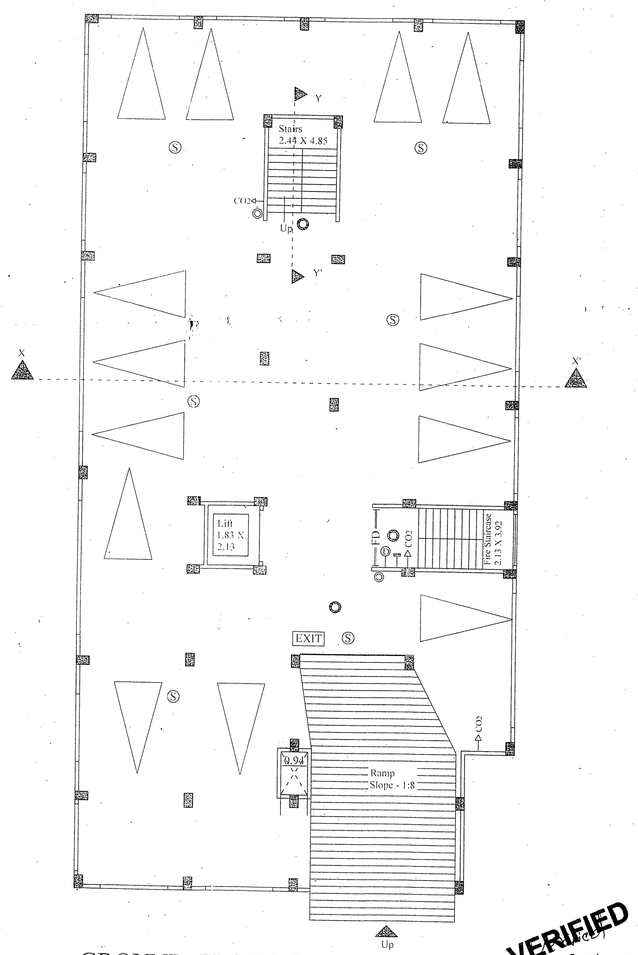


Ist to VIth FLOOR PLAN

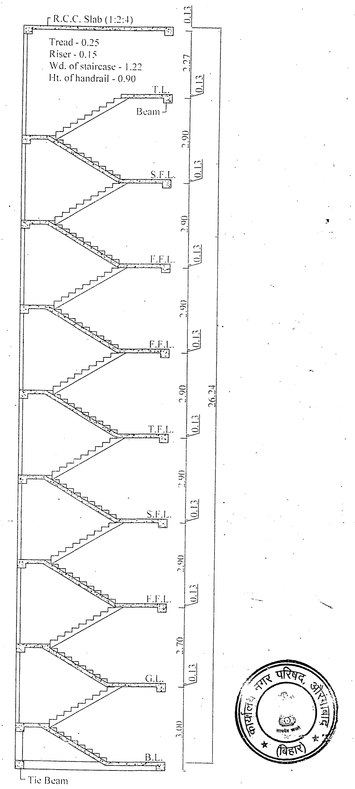


TERRACE PLAN

BASEMENT PLAN



GROUND FLOOR PLAN



SECTION - YY'

VERIFIED
5/10/2018

PROPOSED BASEMENT & GROUND TO SIXTH FLOOR RESIDENTIAL PLAN FOR SMT. RAJ KUMARI DEVI W/O SRI. OM PRAKASH AND SRI. OM PRAKASH KHEMKA S/O LATE OMKARMAL KHEMKA, MAUZA - KATHRUA & JASOIYA, THANA NO. - 264 & 561, WARD NO. - 01 & 02, KHATA NO. - 10; 10/333; 780/4; 780/5, PLOT NO. - 900; 900/2185; 2181/901; 2182/1023, P.S. - AURANGABAD, DIST. - AURANGABAD. DEVELOPMENT AGREEMENT WITH "INDRA NAMAN ENGINCON, PVT. LTD." PROPRIETOR SRI. VISHAL SANJAY BARIYAR S/O LATE SANJAY BARIYAR R/O VILLAGE - GAURIKUNJ NUTAN NAGAR, GAYA, P.S. & DIST. - GAYA.

DOOR \ WINDOW SCHEDULE

S. N.	NAME		WIDTH	LINTLE	CILL
1.	DOOR	D	1.05	2.10	-
2.	DOOR	D1	0.90	2.10	-
3.	DOOR	D2	0.75	2.10	-
4.	WINDOW	W	1.80	2.10	0.90
5.	WINDOW	W1	1.66	2.10	0.90
6.	WINDOW	W2	1.50	2.10	0.90
7.	WINDOW	W3	1.36	2.10	0.90
8.	VENTILATER	V	4.80	2.53	1.93
9.	VENTILATER	V1	4.80	2.53	1.93
10.	VENTILATER	V2	0.76	2.10	1.50

AREA CALCULATION : All Dimensions are in mt.

1. Total Plot Area - 1283.37
2. Covered Area
   - A. Basement Floor - 476.30 (Parking)
   - B. Ground Floor - 476.30 (Parking)
   - C. First Floor - 508.78
   - D. Second Floor - 504.88
   - E. Third Floor - 504.88
   - F. Fourth Floor - 504.88
   - G. Fifth Floor - 504.88
   - H. Sixth Floor - 504.88
3. Total Cov. Area - 3033.18
7. F.A.R. - 2.36

PARKING CALCULATION :

Parking Required = Total Covered Area * 25%
= 3033.18 * 25% = 758.30
Visitors Parking = Total Covered Area * 15%
= 3033.18 * 15% = 454.98
Total Required Parking = 1213.28

Parking Provided -

Basement & Ground Floor Parking	- 952.60
Visitors Parking	- 225.45
2 wheeler parking	- 35.25
Total	1213.30 sqmt.

Total Built up Area for Calculation of Building Permit fee = 3985.78

LEGEND FOR FIRE FIGHTING :

Over Head Water Tank	25000
Down Comer	D
Hose Real	
ISI Marked Fire Ext.	CO2
Automatic Sprinkler System	S
Manual Call Alarm Point	
Emergency Lighting System	
Fire Resistance Check Door	FD
Seamese Connection	
Illuminated Exit Sign	EXIT

NORTH : S E W N

SHEET NO. - 01/02

SCALE :
1. Plans, Site Plan & Section -1:100

OWNER SIGN : राज कुमारी देवी

ENGINEER SIGN :

ARCHITECT SIGN :

Ar. Nishi Jain
Certified Architect & Valuer
M. Arch. (Auckland), FIV (New Delhi)
AIA (Mumbai) COA Regd. No. CA/1635/2010

OFFICE USE :

MAP SANCTION NO- 84/18-19 (Building Permit Attached)
इस मानचित्र के साथ नक्शा स्वीकृत किया जाता है कि कार्य अनुज्ञप्ति के दौरान बिहार भवन उप विधि का पालन करेंगे और इस अधिनियम के अन्य मानकों का उल्लंघन / अतिक्रमण / विचलन नहीं करेंगे।
Map Valid For Three Year Only

उपर कार्यपालक पदाधिकारी
नगर परिषद, औरंगाबाद (बिहार)
अधिशासन अभियान पदाधिकारी
औरंगाबाद