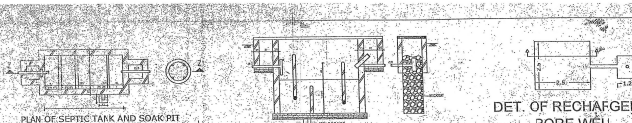
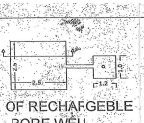
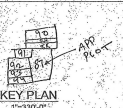
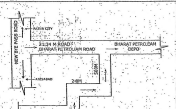
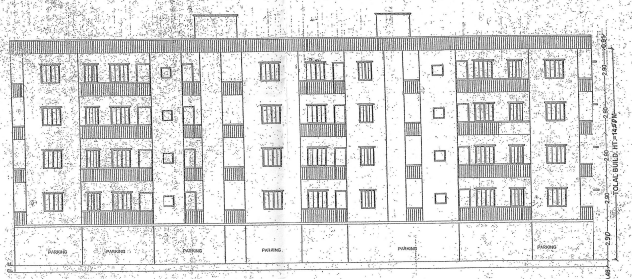










PARKING CALCULATION

TOTAL FLOOR BUILT UP AREA = 757.11 SQ.MT.
@ 25 % OF PARKING AREA = 689.28SQ.MT.
PARKING AREA TO BE REQUIRED
PROVIDED CAR PARKING AREA(COVERED) =695SQ.MT..SQM

WATER TANK CALCULATION

TOTAL NO. OF FLAT = 24 FLATS
TOTAL NO OF PERSON = 24 X 5= 120
ONE PERSON REQD. WATER = 135 LTR./DAY
TOTAL REQU. WATER = 1.13X100 X 135
=17955.00 LTR./DAY
= 179.55 CUM
SIZE OF WATER TANK= 6.9X6.5X4.96 = 224.39

SEPTIC TANK CALCULATION

TOTAL NO. OF FLAT = 24 FLATS
ONE FLAT S PERSON = 24X 5 = 120 PERSONS
EXTRA PERSON = 10 PERSONS
TOTAL NO OF PERSON = 130NOS.
ONE PERSON REQU. AREA = 0.085CU.M./DAY
TOTAL REQU. AREA =130 X 0.085 = 11.05 CU.M./DAY
PROVIDE AREA OF S EPTIC TANK = 2.50 X 2.5X2.5
= 15.62 CU.M

LEGEND FOR FIRE PRCTECTION

FD 1.DOUBLE LEAF SWING SELF CLOSING CLOSE FITTING FIRE RESISTING DOOR OF 1 HOUR FIRE RESISTANCE-DULY GLAZED WITH COPPER STEEL RE-INFORSED SUITABLE FIRE RESISTING GLASS.

H 2.FIRE HYDRANT WITH 3.5 KG. PRESURE AT EACH AND DULY CONECTED TO THE WET RISING SYSTEM.

3.SEAMASE CONNECTION TO THE WET RISING SYSTEM.

S 4.AREA COVERED WITH AUTOMATICSPRINKLER INSTALLATIONS AS FOR THE RELEVANT ISS/CODE OF PRACTISE/ TAC.RE-COMMODATION

5.AREA COVERED WITH AUTOMATIC HEAT / SMOKE DETECTORS AS PER THE RELEVANT ISS / CODE OF PRACTICE / TAC RECOMMENDATION TO PROVIDE HEAT DETECTOR IN KITCHEN AND SMOKE DETECTOR IN OTHER AREAS.

6.INDICATOR PANEL FOR THE AUTOMATIC FIRE ALARM SYSTEM WITH AUTOMATIC HEAT / SMOKE DETECTOR AS / THE RELEVANT ISS / CODE OF PRACTICE TAC RECOMMENDATION.

7.LANDING VALVES DULY CONNECTED TO THE WET RISING SYSTEM AND AS PER THE RELEVANT ISS / CODE JF PRACTICE TAC RECOMMENDATION.

8.HOSE REELS WITH 30 METERS HOSE LENGTH DULY CONNECTED TO THE WET TAC RECOMMENDATION.

9.INSULATED COPPER STRIP OF 3 MM X 25 MM THICKNESS.

10.UNDER GROUND STATIC WATER TANK OF 1,50,000 LITRES WITH AUTOMATIC REFILLING ARRANGEMENT.

11.BCF PORTABLE EMERGIAL EXTINGUISHER OF 3.5 KS CAPACITY.

12. AUDIBLE DEVICE FOR THE AUTOMATIC / ELECTRICAL FIRE ALARM

13.CALL POINT SWITCHES FOR ELETRICAL FIRE ALARM SYSTEM WITH A REMMABLE ELECTRICAL CONNECTION.

M 14.MICROPIONE POSITION FOR THE PUBLIC ADDRESS SYSTEM.

15.LOUDSPEAKERS OUTLET FOR THE PUBLIC ADDRESS SYSTEM.

E 16.EMERGELY LIGHT.

17.SMOKE DETECTOR .

NOTE:-

ALL DIMENSIONS ARE IN METER

SPECIFICATION

1. FOUNDATION R.C.C UNDER REAMED GROUP PILE.
2. SUPER STRUCTURE 1ST CLASS BRICK IN CEMENT MORTAR (1:6)
3. 0.1C TH.AVG LIME TERRECHNG OVER 10 TH. R.C.C ROOF SLAB
4. HEIGHT OF PLINTH AND FLOOR A/S INDICATED IN SECTION
5. R.C.C LINTEL WILL BE PROVIDED OVER DOOR AND WINDOWS OPENING.
6. 0.05 TH. I.P.S FLOORING OVER 0.125 TH. DRY RAMMED KHOA OVER 0.875 TH. BRICK FLAT SOLING OVER LOCAL SAND FILLING.
7. 0.02 TH. CEMENT PLASTER ON BOTH SIDE OF WALL.
8. ALL WINDOWS STEEL GLAZED WOOD PANNELLED.
9. SNWCEM CEMENT PAINT THE EXTERNAL FACE, WHITE WASH ON INSIDE FACE.

SCHEDULE OF DOORS & WINDOWS

SL.NO.	TYPE	WIDTH	SILL	HEIGHT
1.	D	1.06	0.00	2.13
2.	D1	0.91	0.00	2.13
3.	D2	0.76	0.00	2.13
4.	D3	0.91	0.00	2.59
5.	W	1.44	0.76	1.83
6	W1	1.50	0.76	1.53
7.	W2	.37	0.76	1.53
8.	W3	0.90	0.00	1.53
9	V	1.69	1.53	1.22

AREA CALCULATION

TOTAL PLOT AREA	=	1217.73 M2
EXTRA LAND TO BE LEFT	=	79.17 M2
NET PLOT AREA(AS DEED PAPER)	=	1138.56 M2
GROUND FLOOR B/UP AREA	=	25.27 M2
FIRST FLOOR B/UP AREA	=	682.96 M2
SECOND FLOOR B/UP AREA	=	682.96 M2
THIRD FLOOR B/UP AREA	=	682.96 M2
FOURTH FLOOR B/UP AREA	=	682.96 M2
TOTAL B/UP AREA	=	2957.11 M2

F . A . R = 2.42

PROPOSED RESIDANTIAL BUILDING OF:-

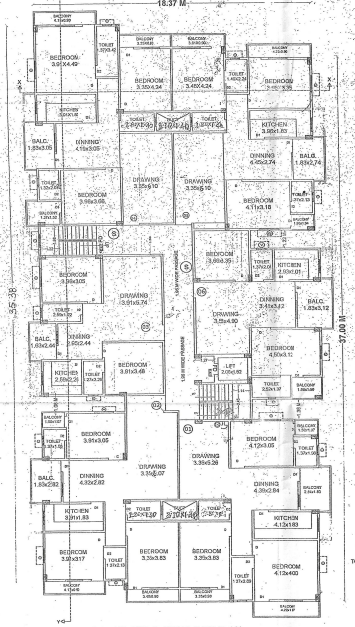
1.SMT NEELU PRASAD ,
D/O:- SIDHESHWAR PRASAD
2.SRI VIDYA BHUSHAN PRASAD,
S/O:-SRI BRIJ NANDAN PRASAD,
AT MAUZA:- UDAIPUR, THANA NO.-31,
TAUZI NO:- 5343,
KHATA NO.- 229, PLOT NO:-87,(P)
DIST:- PATNA(BIHAR)

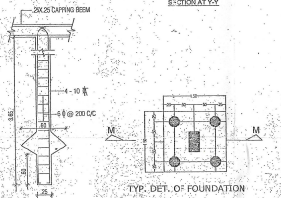
NORTH | SCALE 1:100 | SHEET NO.- 01/01

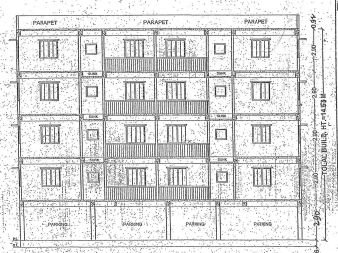
Rajendra Krishna Agrawal
R. K. AGRAWAL
B.Sc. Engg. (Civil)
Lic. No.: 5805/16
Patna Nagar Nigam, Patna, Bihar

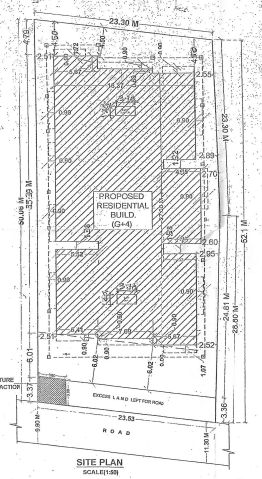
Neelu Prasad
Vidya Bhushan Prasad
SIGN. OF OWNER.

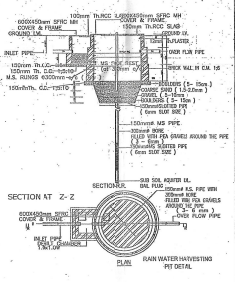
Ramji Singh
Er. Ramji Singh
A.E (Civil) Mb. (Retd.)
Engg. Enrolment No.-CON/A/16
Patna Municipal Corporation
Patna
SIGN. OF ARCHITECTS/ENGINEER











Patna Metropolitan Area Authority
Sanction of Plan case no...PMAM/2018/1366/MA4 dated...14-10-18.....according to the Development Control Regulations for Patna Master Plan 2031 (Byelaws no 8(4) of Bihar Building Byelaws 2014) vide notification no 831/832 , dated 28.10.2016 on Date.....16-10-18.....

सहायक अभियंता
पटना महानगर क्षेत्र प्राधिकार

प्रभारी निदेशक
पटना महानगर क्षेत्र प्राधिकार

विहार भू-सम्पदा (विनियमन विकास) नियमावली, 2017 की धारा 06 अधीन राज्य में गठित विनियामक प्राधिकरण से इस परियोजना का निबंधन अनिवार्य होगा।