SEPTIC TANK CALCULATION :--

FOR EACH BLOCK

TOTAL NOS. OF OCCUPANTS = 65.
CAPACITY OF SEPTIC TANK = 0.085 CUM. PER HEAD PER DAY.
0.085 X 65 = 5.525 CUM REQUIRED.
PROVIDED OF SEPTIC TANK
4.00 X 1.50 X 1.30 = 7.80 CUM.
THUS, 1 NO. SEPTIC TANK REQUIRED.

WATER SUPPLY CALCULATION :--

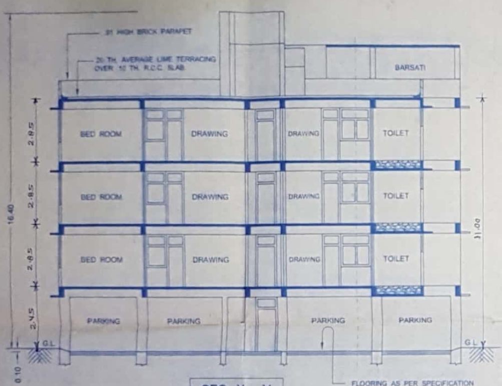
FOR EACH BLOCK

TOTAL NOS. OF FLAT = 12
ASSUMING 5 PERSONS IN EACH FLAT.
TOTAL NOS. OF POPULATION = (12 X 5) + 5 EXTRA PERSON REQUIRED
WATER SUPPLY = 65 PERSON @ 135 LITER PER PERSON PER DAY
65 PERSONS X 135 LITER = 8775 LITERS
REQUIRED CAPACITY OF WATER TANK = 8.775 CUM
PROVISION FOR WATER TANK (ASSUMING 2 TIME REFELLING / PER DAY)
2.29 X 2.83 X 1.20 X 2 = 15.554 CUM
PROVISION FOR RAIN WATER TANK
2.29 X 1.93 X 1.20 = 5.304 CUM

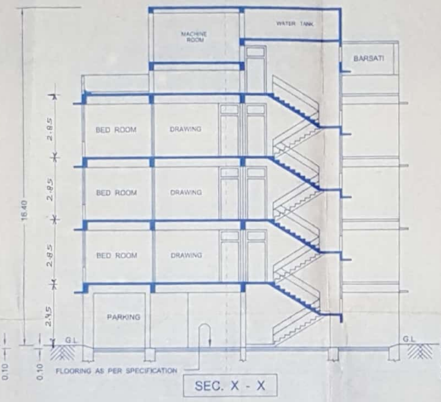
PARKING CALCULATION :--

FOR EACH BLOCK

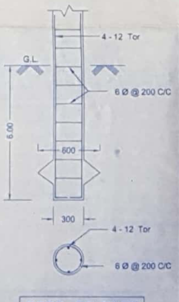
TOTAL NOS. OF FLAT = 12
ONE CAR REQUIRED = 20 SMT. SPACE
12 X 20 = 240 SMT.
COVERED CAR PARKING AREA = 246.642 SMT.



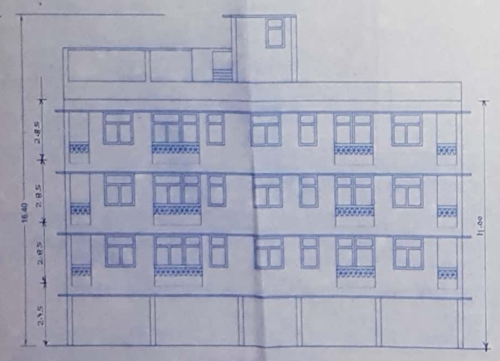
SEC. Y - Y



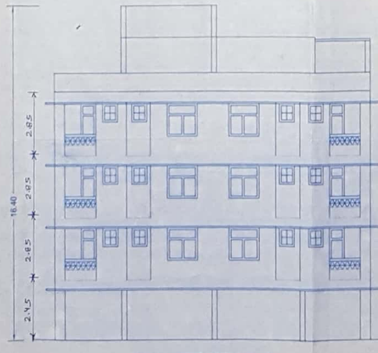
SEC. X - X



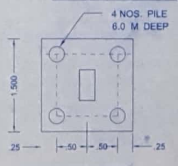
DETS. OF PILES



FRONT ELEVATION



SIDE ELEVATION



DETS. OF CAP.

SCHEDULE OF DOORS & WINDOWS:

SL.NO.	TYPE	DESCRIPTION	WIDTH	HEIGHT
1	G.D.	GRILL DOOR	1.40	2.40
2	C.G.	COLLAPSIBLE GRILL GATE	2.12	2.10
3	D	SINGLE LEAF DOOR	1.05	2.40
4	D1	SINGLE LEAF DOOR	0.90	2.40
5	D2	SINGLE LEAF DOOR	0.75	2.40
6	W	FOUR LEAF WINDOW	1.50	1.65
7	W1	THREE LEAF WINDOW	1.20	1.65
8	W2	TWO LEAF WINDOW	0.90	1.65
9	W3	TWO LEAF WINDOW	0.75	0.90

SPECIFICATION :--

1. FOUNDATION :-	R.C.C. PILE FOUNDATION.
2. SUPERSTRUCTURE :-	R.C.C. FRAME STRUCTURE AS PER DESIGN.
3. FLOORING :-	.025 TH. MARBLE FLOORING OVER 0.10 TH. DRY RAMMED KHOA OVER 0.075 TH. BRICK FLAT SOLING OVER GANGA SAND FILLING.
4. LINTEL :-	R.C.C. LINTEL AS PER DESIGN.
5. ROOF :-	0.10 TH. R.C.C. ROOF SLAB.
6. PLASTER :-	0.0125 TH. CEMENT PLASTER.
7. FINISHING :-	TWO COATS OF WEATHER COAT ON EXTERNAL WALL, ONE COAT CEMENT PRIMER OVER POP ON INTERNAL WALL.

PROPOSED RESIDENTIAL BUILDING PLAN OF:-
SRI WAZIR YADAV;
S/O :- JAGMOHAN YADAV,
AT MOH:- DUBAHALA, P.S:- CHANDAUTI, DISTT:- GAYA.
MAUZA -- PELAHI TOLA (DUBAHALA); SURVEY PLOT (KHESRA) NO: - 120 (OLD), 257 (NEW), TAUZI NO:- 4100, KHATA NO: 121, THANA NO: – 328,

BOUNDARY :-

NORTH :-	MOHAN MAHTOE.
SOUTH :-	6.10 MT. WIDE ROAD CUM AHAR
EAST :-	KISHORI PRASAD.
WEST :-	9.15 MT. WIDE ROAD.

SCALE :-
1 : 100, 1 : 200, 1 : 50.

SHEET NO :- 02/02

वजीर यादव

SIGNATURE OF OWNER

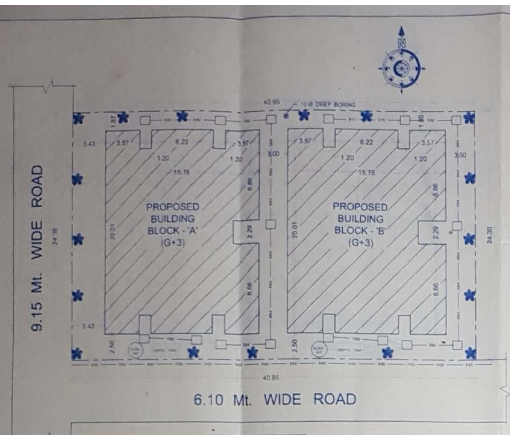
15/02/2014
BINAY KUMAR SINHA
Registered Eng[illegible]

SIGNATURE OF ENGINEER / ARCHITECT

The Owner / Builders shall in no case daviate frc. the sanctioned plan for the Construction
If any deviation is found during the construction or at any time the entire structure will be treat as unauthorized and the owner will keep a copy o Sanctioned Plan at the site during constructio
Sanctioned plan valid for Three Years Only

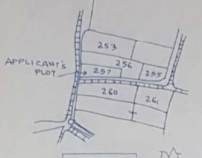
Ranjan 17/02/14

RAKESH KR. RANJAN (Certified Architect
CoA Reg. No.-CA/2005/35047
ULB Empanelment No. 13/09-10
Plan Case No. FF/ABP/PROP/RES/G+3/GAYA-12/~~336~~ 355
Date 17/2/14
Sanction of Plan accorded under provision saction 314 of Bihar Municipal Act.



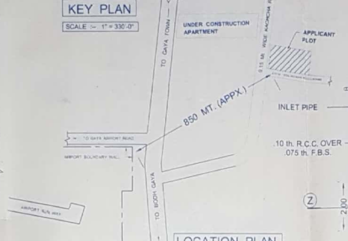
SITE PLAN

SCALE :- 1 : 200



KEY PLAN

SCALE :- 1" = 330'-0"



LOCATION PLAN

NOT TO SCALE

AREA CALCULATION : --

TOTAL PLOT AREA :- (AS PER SITE) = 996.948 SQ.MT.

FOR EACH BLOCK

GROUND FLOOR BUILT - UP AREA = 57.940 SQ.MT

FIRST FLOOR BUILT - UP AREA = 298.062 SQ.MT.

SECOND FLOOR BUILT - UP AREA = 298.062 SQ.MT.

THIRD FLOOR BUILT - UP AREA = 298.062 SQ.MT.

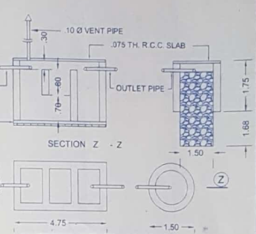
TOTAL BUILT - UP AREA = 952.126 SQ.MT.

FOR TWO BLOCK = 2 X 952.126 SQ.MT = 1904.252 SQ.MT

$$\text{F.A.R.} = \frac{\text{TOTAL BUILT - UP AREA} = 1904.252 \text{ SQ.MT.}}{\text{NET PLOT AREA} = 996.948 \text{ SQ.MT.}}$$

THUS, F.A.R = 1.91

COVERAGE AREA = 59.80%



DETS. OF SEPTIC TANK & SOAK PIT

SCHEDULE OF DOORS & WINDOWS:

SL.NO.	TYPE	DESCRIPTION	WIDTH	HEIGHT
1	G.D.	GRILL DOOR	1.40	2.40
2	C.G.	COLLAPSIBLE GRILL GATE	2.12	2.10
3	D	SINGLE LEAF DOOR	1.05	2.40
4	D1	SINGLE LEAF DOOR	0.90	2.40
5	D2	SINGLE LEAF DOOR	0.75	2.40
6	W	FOUR LEAF WINDOW	1.50	1.65
7	W1	THREE LEAF WINDOW	1.20	1.65
8	W2	TWO LEAF WINDOW	0.90	1.65
9	W3	TWO LEAF WINDOW	0.75	0.90

SPECIFICATION : --

1. FOUNDATION :-	R.C.C. PILE FOUNDATION.
2 SUPERSTRUCTURE :-	R.C.C. FRAME STRUCTURE AS PER DESIGN.
3. FLOORING :-	.025 TH. MARBLE FLOORING OVER 0.10 TH. DRY RAMMED KHOA OVER 0.075 TH. BRICK FLAT SOLING OVER GANGA SAND FILLING.
4. LINTEL :-	R.C.C. LINTEL AS PER DESIGN.
5. ROOF :-	0.10 TH. R.C.C. ROOF SLAB.
6. PLASTER :-	0.0125 TH. CEMENT PLASTER.
7. FINISHING :-	TWO COATS OF WEATHER COAT ON EXTERNAL WALL. ONE COAT CEMENT PRIMER OVER POP ON INTERNAL WALL.

PROPOSED RESIDENTIAL BUILDING PLAN OF:-
SRI WAZIR YADAV;
S/O :- JAGMOHAN YADAV,
AT MOH:- DUBAHALA, P.S:- CHANDAUTI, DISTT:- GAYA.
MAUZA -- PELAHI TOLA (DUBAHALA); SURVEY PLOT (KHESRA) NO: - 120 (OLD), 257 (NEW), TAUZI NO:- 4100, KHATA NO: 121, THANA NO: -- 328,

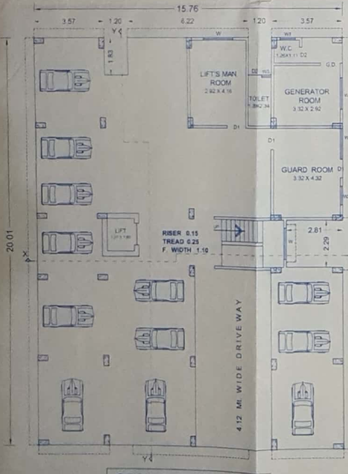
BOUNDARY :-
NORTH :- MOHAN MAHTOE.
SOUTH :- 6.10 MT. WIDE ROAD CUM AHAR
EAST :- KISHORI PRASAD.
WEST :- 9.15 MT. WIDE ROAD.

SCALE :- 1 : 100, 1 : 200, 1 : 50.	SHEET NO :- 01/02
वजीर यादव SIGNATURE OF OWNER	15/02/2014 BINAY KUMAR SINHA Registered Eng. Gaya Nagar Nigam Reg No 2A/201.2/1 SIGNATURE OF ENGINEER / ARCHITECT

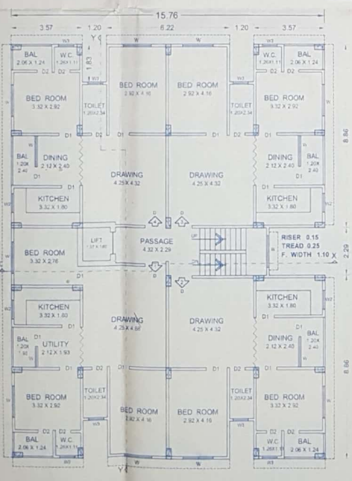
The Owner / Builders shall in no case deviate from the sanctioned plan for the Construction.
If any deviation is found during the construction or at any time the entire structure will be treated as unauthorized and the owner will keep a copy of Sanctioned Plan at the site during construction.
Sanctioned plan valid for Three Years Only.

Ranjan 14/02/14

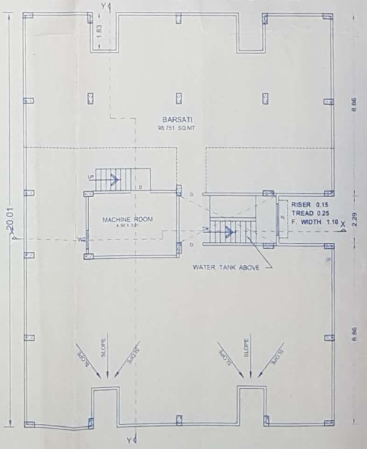
RAKESH KR. RANJAN (Certified Architect
CoA Reg. No.-CA/2005/35047
ULB Empanelment No. 13/09-10
Plan Case No. FF/ABP/PROP/RES/G+3/GAYA-12/~~336~~ 355
Date 27/9/14
Sanction of Plan accorded under provision section 314 of Bihar Municipal Act.



GROUND FLOOR PLAN



TYPICAL 1st; 2nd; & 3rd. FLOOR PLAN



TERRACE / BARSATI FLOOR PLAN