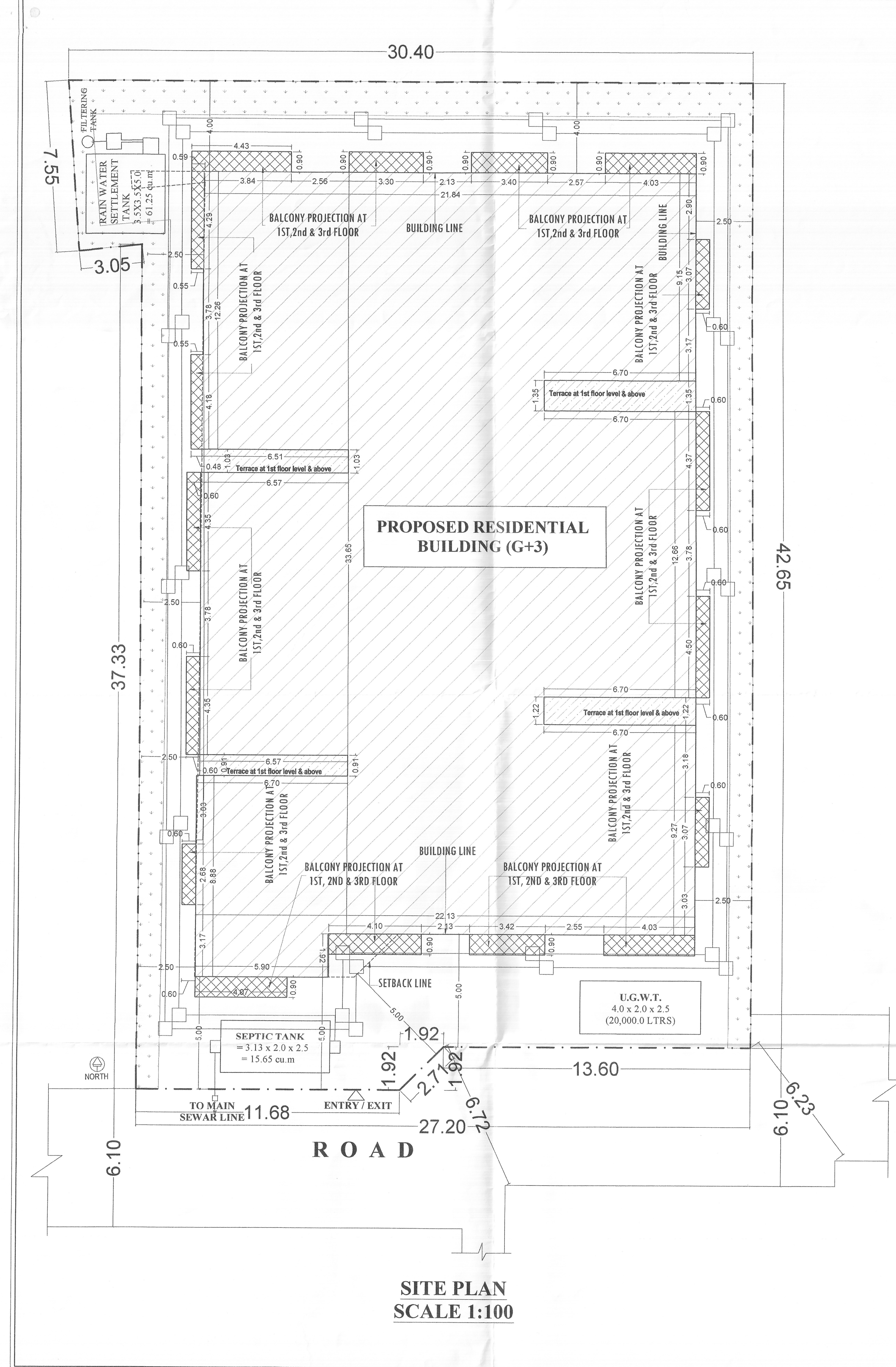
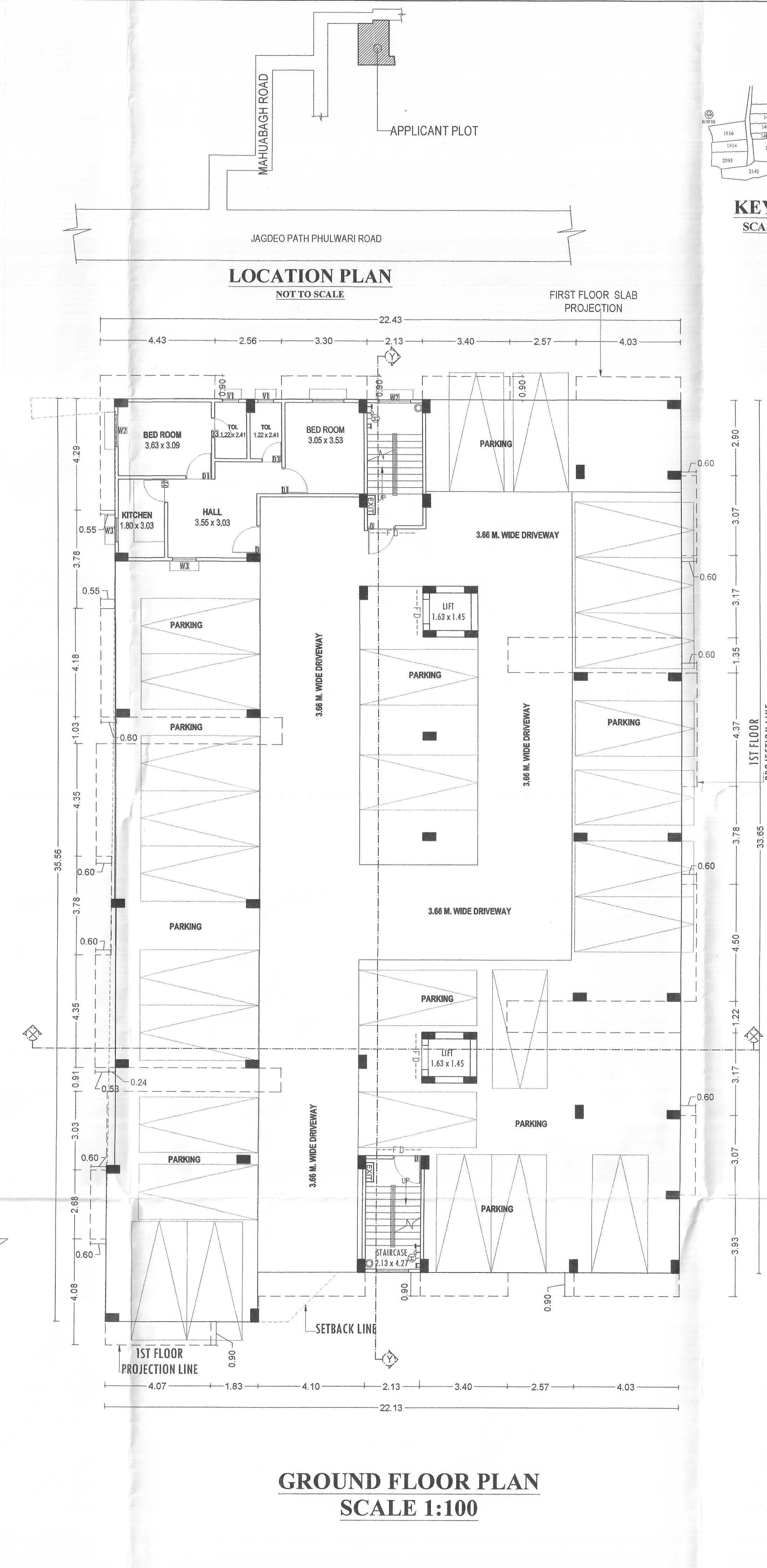
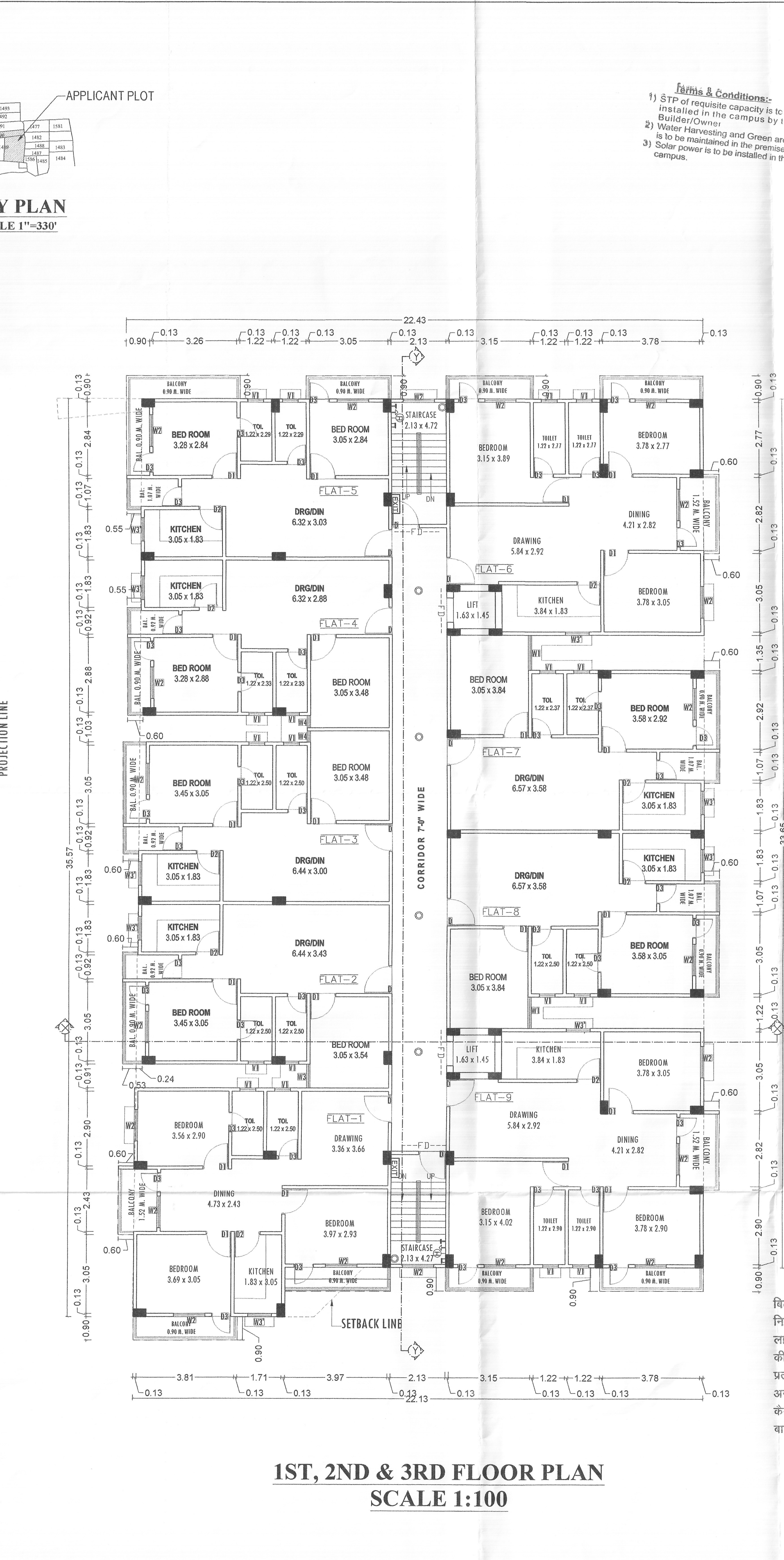




AREA CALCULATION

TOTAL PLOT AREA
AS/(PARTITION)/DEED= 1366.18 sq.m.
TOTAL PLOT AREA
AS/DEVELOPMENT AGREEMENT = 1366.18 sq.m.
TOTAL PLOT AREA AS/SITE = 1204.66 sq.m.
GROUND FLOOR B/U AREA = 61.31 sq.m.
FIRST FLOOR B/U AREA = 739.25 sq.m.
SECOND FLOOR B/U AREA = 739.25 sq.m.
THIRD FLOOR B/U AREA = 739.25 sq.m.
TOTAL B/U AREA = 2279.06 sq.m.
F.A.R.=

total built up area

PLOT AREA

= 2279.06 /1204.65 = 1.89

PARKING CALCULATION

PROPOSED RESIDENTIAL PARKING
TOTAL B/U AREA = 2279.06 sq.m.
REQUIRED PARKING AREA = 25% OF TOTAL B/U AREA
TOTAL REQUIRED PARKING AREA = 569.77 sq.m.
PROVIDED PARKING AREA ON GROUND FLOOR = 681.60 sq.m.

WATER TANK CALCULATION

TOTAL NO. OF FLATS - 28
ASSUMING 5 PERSON PER FLAT ,
TOTAL NO. OF PERSON = 28X5 = 140
RESIDENTIAL WATER DEMAND @135 LPCD = 140 x135 = 18900.0 LITRES = 18.90 KL.
ADDITIONAL FOR FIRE FIGHTING = 5000 L
TOTAL REQUIRED VOLUME OF WATER TANK = 18900 +5000 = 23900.0 L = 23.90 CU.M
PROVIDE VOLUME OF WATER TANK SIZE = L x B x H (FT+B)
01) 4.47x 2.13 x (1.5 + 0.15) = 14.28 cu.m
02) 4.01 x 2.13 x (1.5 + 0.15) = 12.81 cu.m
TOTAL PROVIDED WATER TANK CAPACITY = (14.28+12.81)KL. = 27.09 KL.

GREEN AREA CALCULATION

REQUIRED GREEN AREA 5% OF TOTAL PLOT AREA
TOTAL PLOT AREA= 1204.65 sq.m.
So, REQUIRED GREEN AREA = 60.23sq.m.
TOTAL PROVIDED GREEN AREA = 133.06 sq.m.

FIRE LEGEND:-

01.HYDRANT OUT LET VALVE WET----->①<
02.HOSE REEL----->②<
03.SEMAC CONNECTED FOR FIRE BRIGADE CONNECTED TO WET RISER----->③<
04.ELECTRICALLY INSULATED METAL STRIP----->④<
05.UNDER GROUND WATER TANK----->⑤<
06.O.U.W.TANK FOR FIRE FIGHTING----->⑥<
07.INDICATOR PANEL----->⑦<
08.FIRE ALARM CALL POINT----->⑧<
09.AUDIABLE ALARM CALL POINT----->⑨<
10.LOUDSPEAKER OUTLET----->⑩<
11.COZ FIRE EXTINGUISHER----->⑪<
12.FIRE RESISTANT DOOR----->⑫<
13.AUTOMATIC SMOKE DETECTOR----->⑬<
14.AUTOMATIC SPRINKLER INSTALLATION----->⑭<

SEPTIC TANK CALCULATION

TOTAL NO. OF FLATS = 28 NOS
ASSUMING 5 PERSON PER FLAT AND HALL,
TOTAL NO. OF PERSON = 28 X 5 = 140 PERSON
PER PERSON REQD. = 0.085 cu.m/day
TOTAL VOLUME REQD. = 140 x 0.085 = 11.90 cu.m
VOLUME OF SEPTIC TANK SIZE = 3.13 x 2.0 x 2.5 = 15.65 cu.m
TOTAL PROVIDE VOLUME OF SEPTIC TANK = 15.65 cu.m

RAIN WATER HARVESTING SUMP CALCULATION

TERRACE FLOOR AREA = 739.25 sq.m.
RAIN WATER HARVESTING SUMP REQD. IS 6 CUM FOR EVERY 100 SQ.M. OF TERRACE AREA.
SO TOTAL REQ. CAPACITY OF SUMP = 7.39 X 6 = 44.36 cu.m
PROVIDED TANK SIZE = 3.5X3.5X5.0 = 61.25 cu.m
TOTAL VOLUME OF SUMP = 61.25 cu.m

SCHEDULE OF DOORS, WINDOWS

TYPE	WIDTH	HEIGHT	SILL. LEV.	LIN. LEV.	DESCRIPTION
D	1.07	2.54	0.0	2.54	SINGLE LEAF DOOR
D1	0.99	2.13	0.0	2.13	SINGLE LEAF DOOR
D2	0.91	2.13	0.0	2.13	SINGLE LEAF DOOR
D3	0.76	2.13	0.0	2.13	SINGLE LEAF DOOR
W1	1.35	1.63	0.91	2.54	FULLY GLAZED WIN
W2	1.22	1.63	0.91	2.54	FULLY GLAZED WIN
W3	0.91	1.63	0.91	2.54	FULLY GLAZED WIN
W3*	0.91	1.47	1.07	2.54	FULLY GLAZED WIN
V	0.61	0.61	1.93	2.54	GLAZED VENTILATOR

SPECIFICATION

1. R.C.C. PILES FOUNDATION AS PER STRUCTURAL DESIGN
2. 1ST CLASS BRICK WORK IN CEMENT MORTAR (1:6) IN SUPER STRUCTURE
3. 0.112 TH LIME TERRACING OVER 0.10 TH R.C.C. SLAB ON TOP FLOOR
4. 0.025 TH I.P.S. FLOORING OVER 0.15 TH DRY RAMMED KHOA OVER 0.075 TH FLAT BRICK SOLING
5. 12MM TH. CEMENT PLASTER ON BOTH SIDE OF WALL
6. ALL FLUSH DOORS AND STEEL FRAME WITH GLAZED WINDOW
7. WHITE AND COLOR WASH AS PER CHOICE

PLOT DETAILS :-

PROPOSED RESIDENTIAL BUILDING SAI CHANDRAVATI PALACE, HAVING PLOT NO. - 1489,1490, KHATA NO.- 256, 189, MAUZA NO.-20, THANA NO.- 20, MAUZA - DHANAUT, ANCHAL - BANAPUR DISTRICT-PATNA
LAND OWNER:-
1. BANTI KUMAR, S/O LATE KAPIL DEV SINGH
2. RAM BIRENDA YADAV, S/o- PHUDENI RAI
3. RAMAVATAR RAI, S/O- PHUDENI RAI

DEVELOPER :-
M/S - SOSG ENGICON PVT LTD
DIRECTOR - AMITESH ARUN

SHEET NO.	SCALE.	NORTH.
S.D-0102	1 : 100	

Banty Kumar
राम बिरेंद्र यादव
रामावतार राय

SOSG ENGICON PVT. LTD.
Patna

DIRECTOR

SIGNATURE OF OWNER

SIGNATURE OF DEVELOPER

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