

वल्डर/प्रमोटर/भू-स्वामी/संवधित वास्तुविद/अभियंता व. निर्देश दिया जाता है कि भवन के निर्माण तथा उपयोग में लाने के पूर्व आवासीय/व्यवसायिक कम्प्लेक्स में सुरक्षा की दृष्टि से, प्रवेश द्वार निकास द्वार, सीढ़ी, लिफ्ट, पार्किंग प्रत्येक फ्लोर, गेट के बाहर की ओर लोकेशन के साथ तथा अन्य वांछित महत्वपूर्ण स्थानों पर उच्च मानक के C.C.T.V. कैमरा का अधिष्ठापन करेंगे अन्यथा संवधित एक्ट एवं वार्डलॉज के सुसंगत धार्यों के तहत कार्रवाई किया जायेगा।

Terms & Conditions:-

- 1) STP of requisite capacity is to be installed in the campus by the Builder/Owner
- 2) Water Harvesting and Green area is to be maintained in the premises
- 3) Solar power is to be installed in the campus



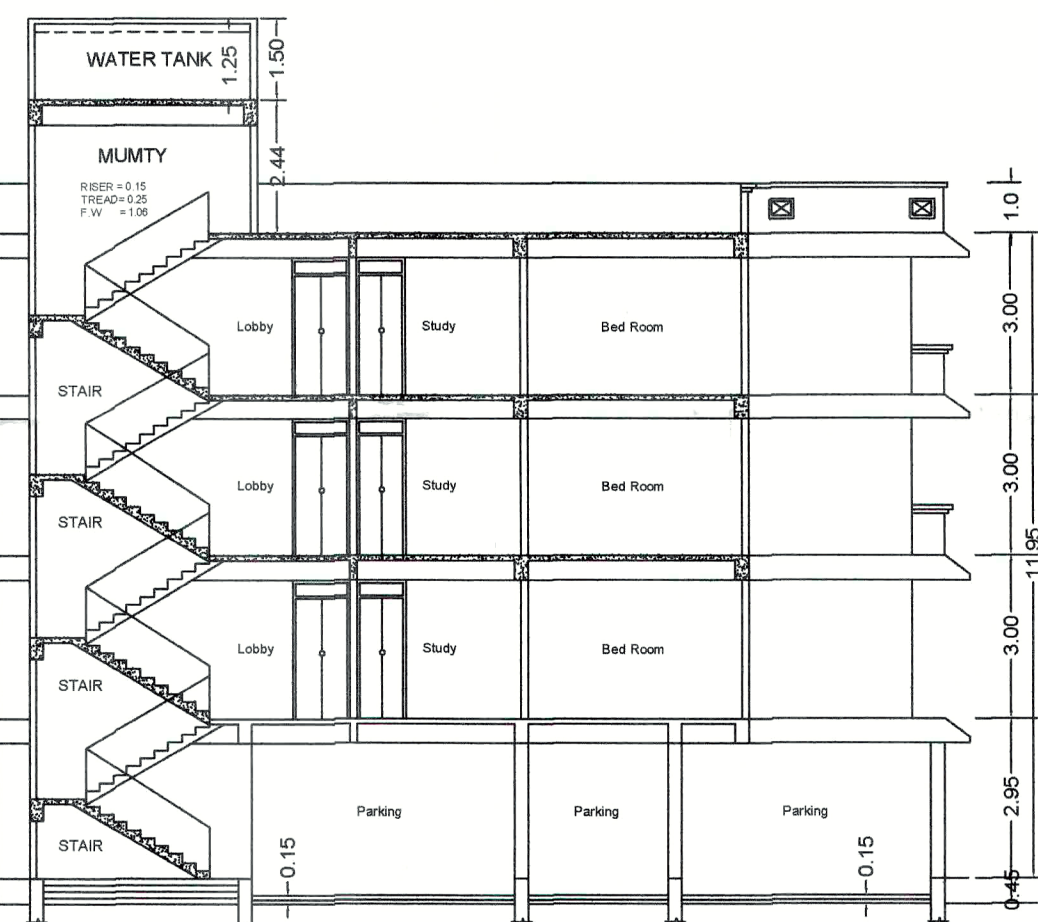
SECTION (Y-Y)



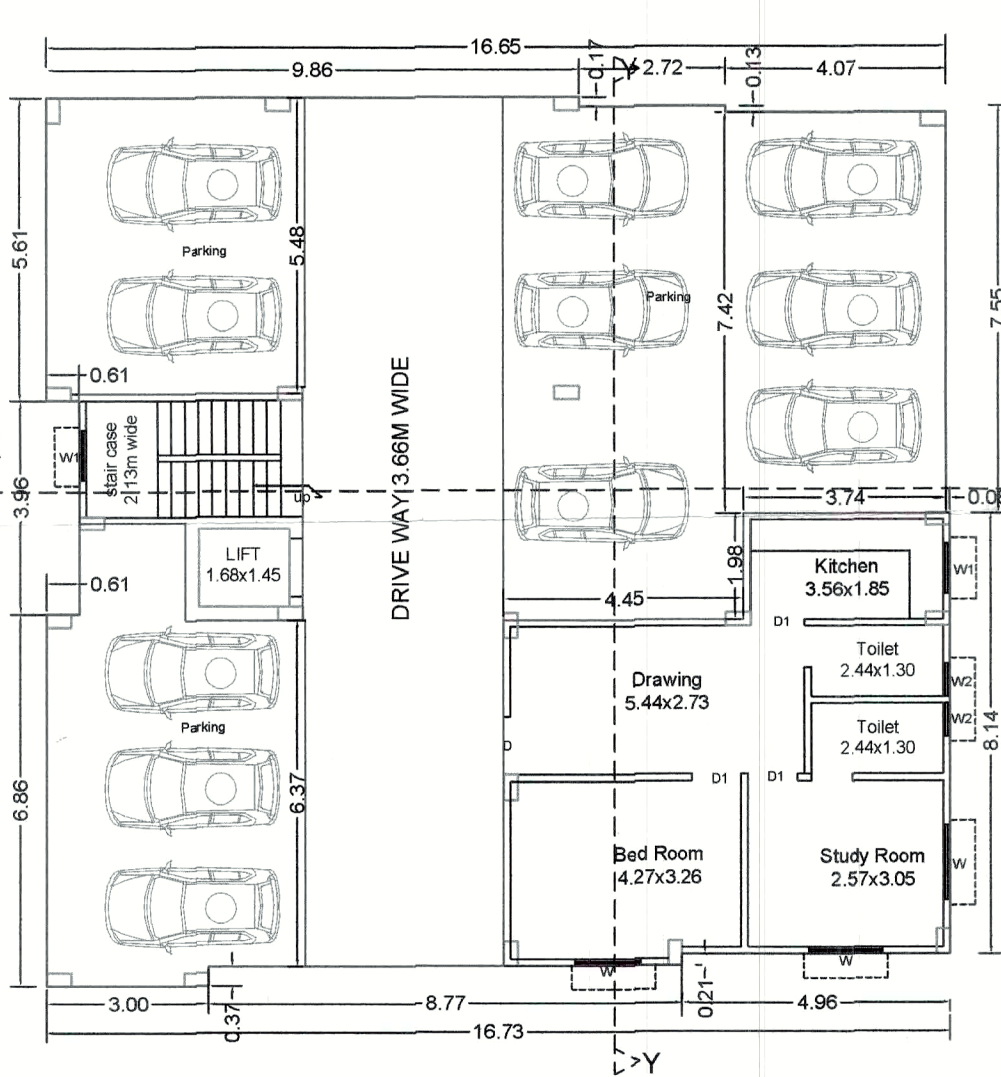
LEFT SIDE ELEVATION



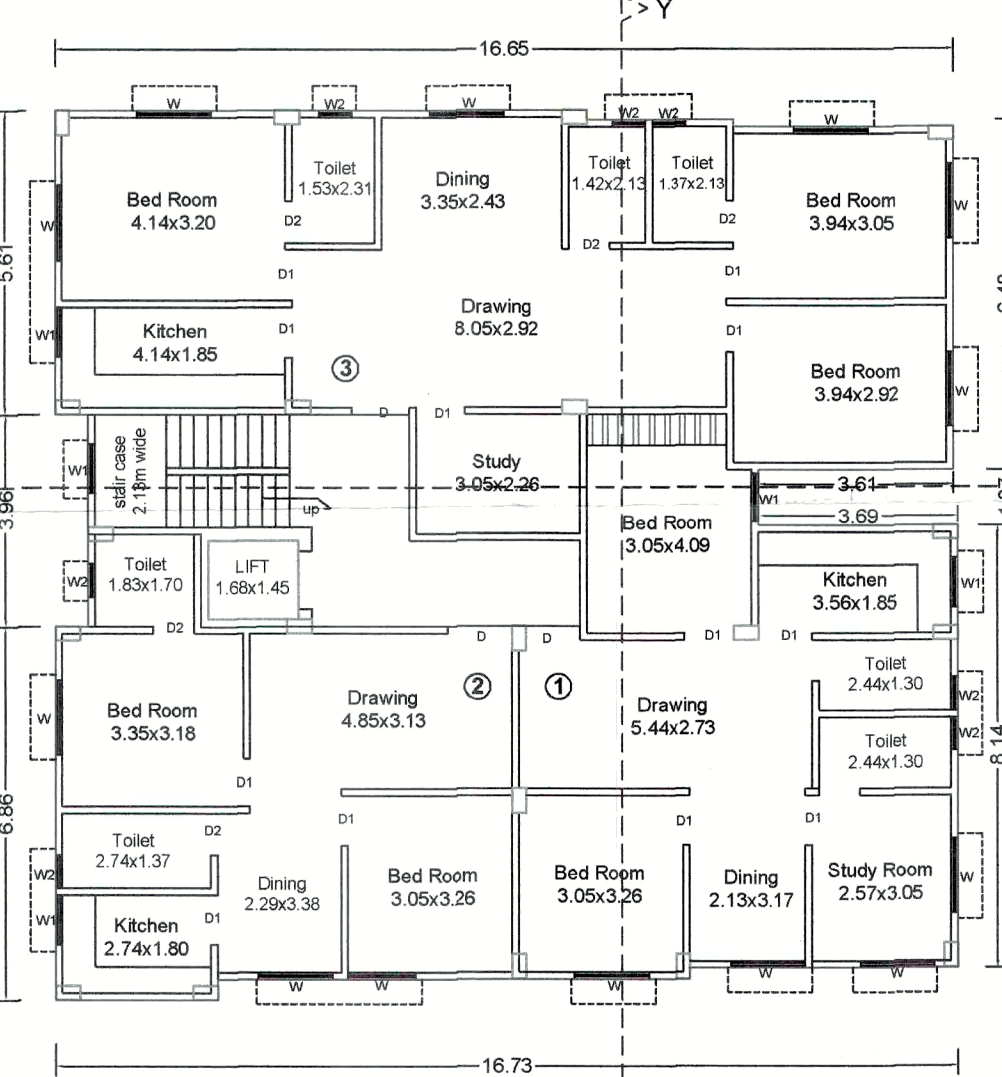
FRONT ELEVATION



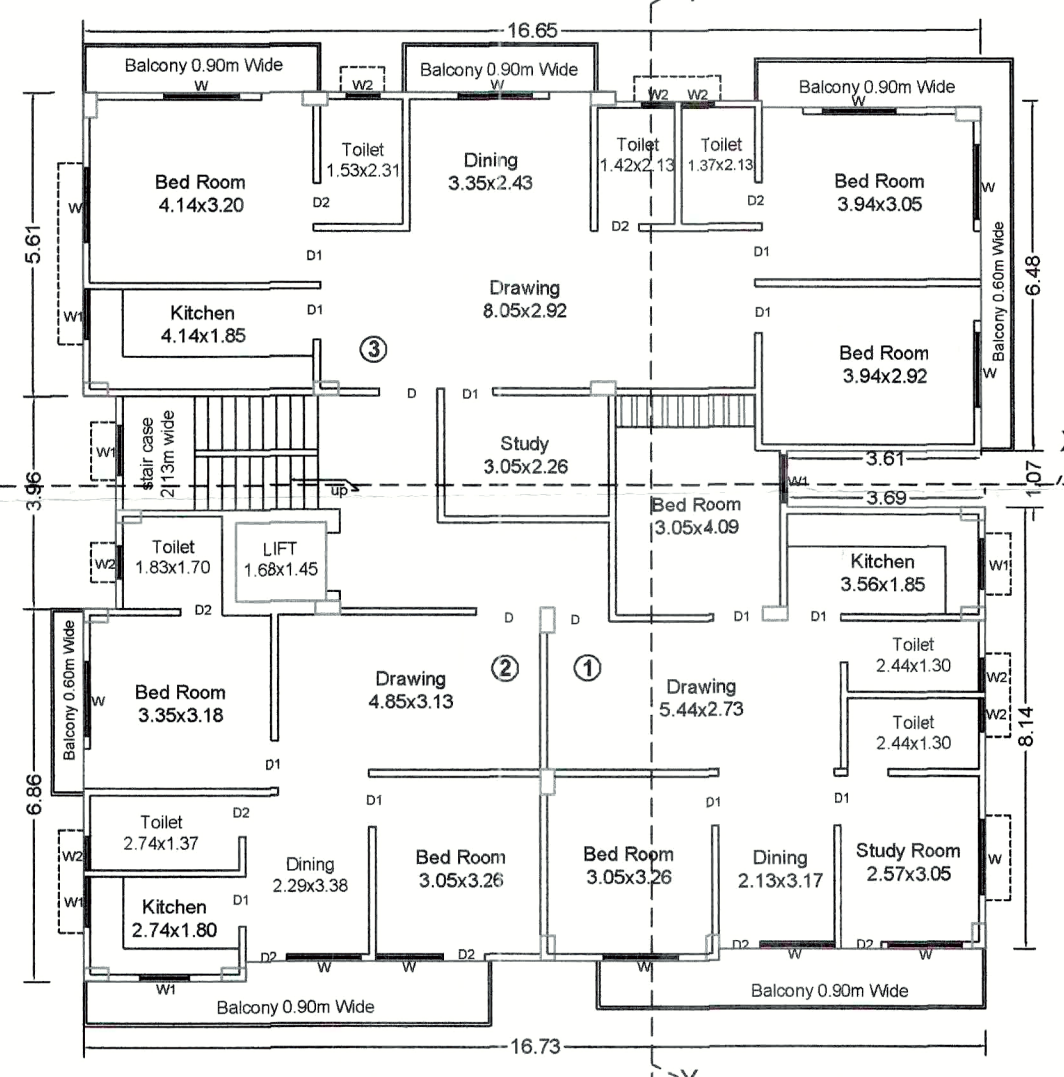
SECTION (X-X)



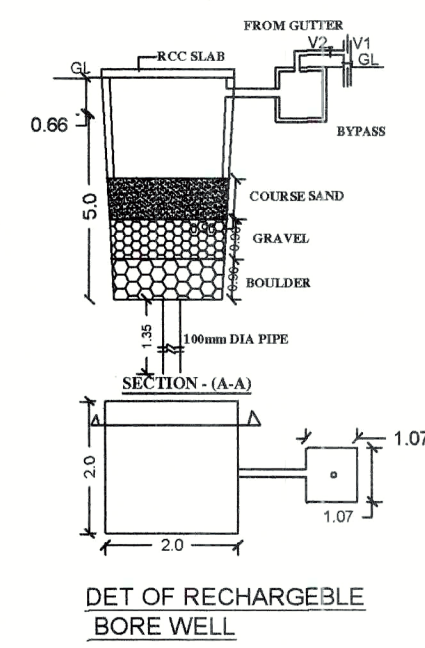
GROUND FLOOR PLAN



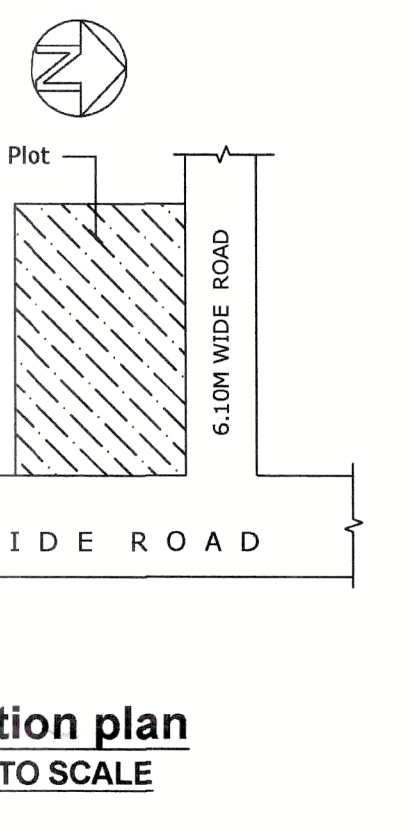
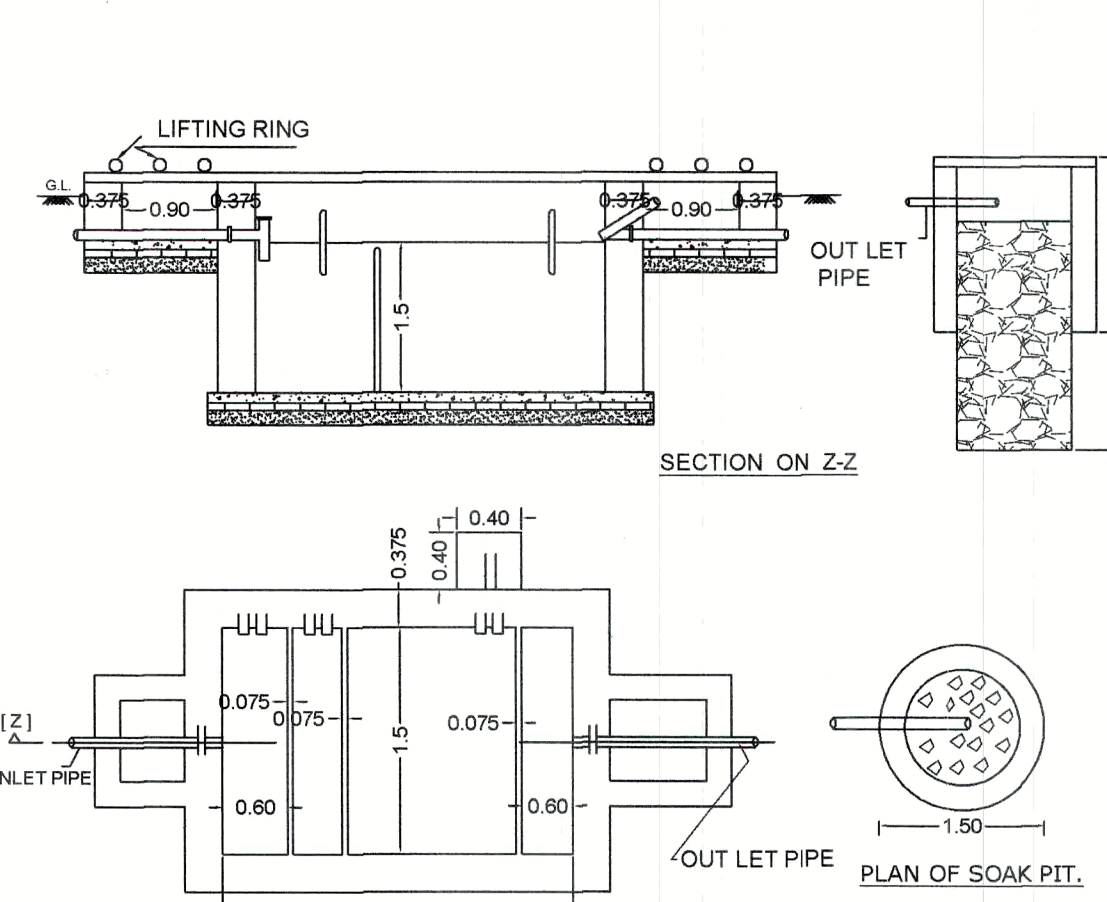
1ST FLOOR PLAN



2ND & 3RD FLOOR PLAN



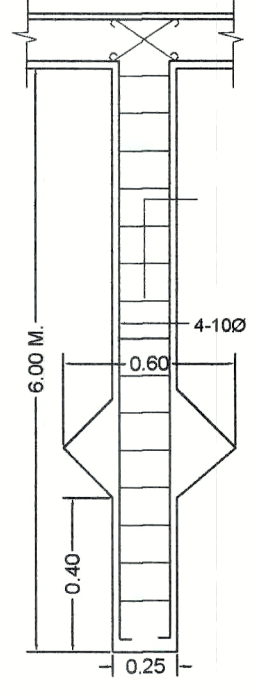
Water Harvesting Sump Calculation
Terra Floor Area- 274.28 Sqm.
Rain Water Harvesting Sump Req.
6 cum For Every 100sqm. Terra Area
So, Total Req. Capacity of Sump =
2.74X6 = 16.45 cum.
Provided Tank Size = 2.0X2.0X5
= 20.0 Cum



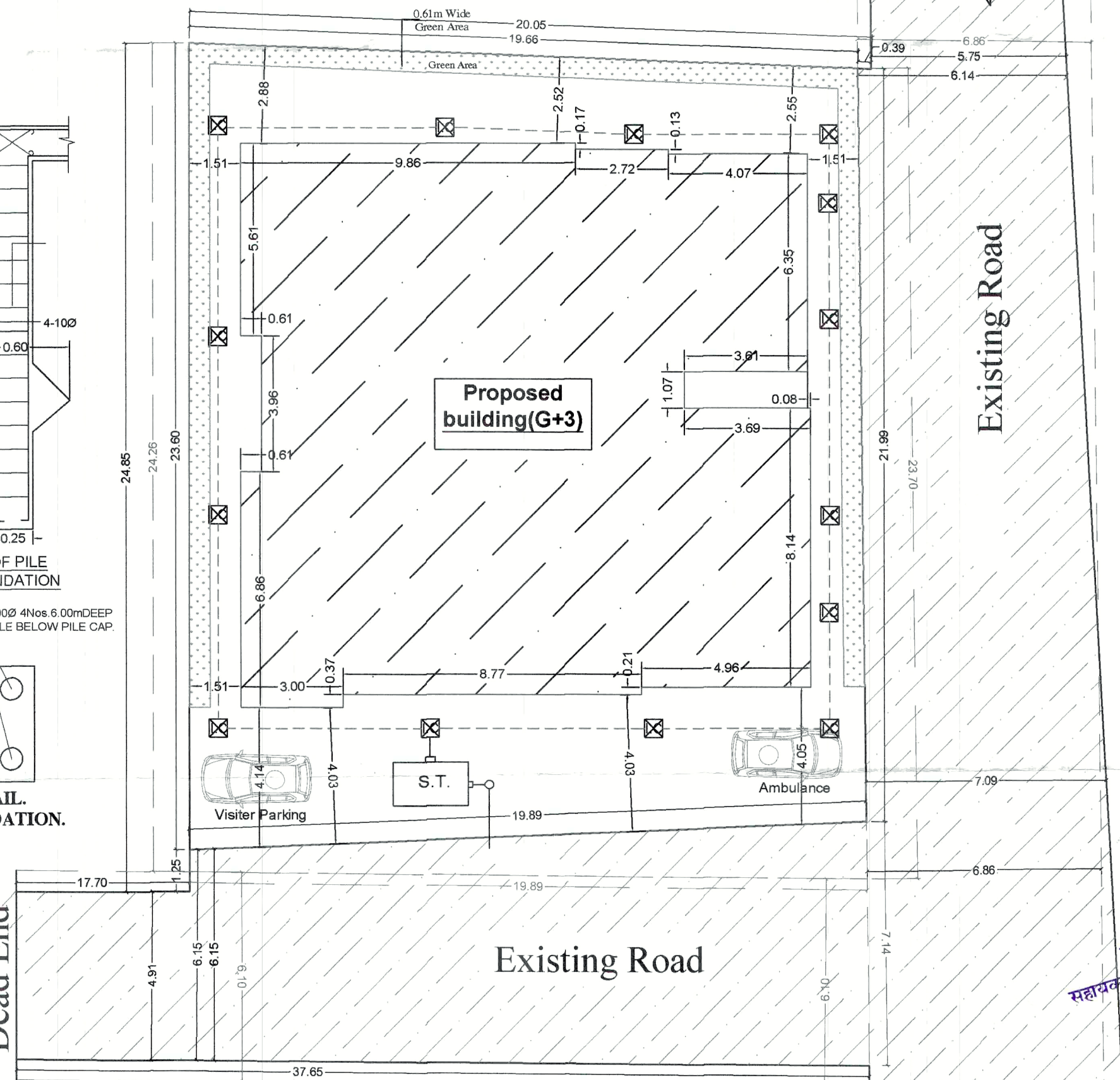
Location plan
NOT TO SCALE

GROUND FLOOR SERVICE AREA

Key plan



TYP. DETAIL OF FOUNDATION.



SITE PLAN
scale-1:100

RESIDENTIAL PARKING CALCULATION
SERVICE AREA CALCULATION
GROUND FLOOR SERVICE AREA = 13.89 sqm
1ST FLOOR SERVICE AREA = 25.05 sqm
2ND FLOOR SERVICE AREA = 25.05 sqm
3RD FLOOR SERVICE AREA = 25.05 sqm
TOTAL SERVICE AREA = 89.04 sqm
SERVICE AREA% = (SERVICE AREA / BUILTUP AREA) X 100
(89.04 / 872.76) X 100 = 10.20%
NOW TAKING BUILTUP AREA PERCENTAGE FOR PARKING
(100-10.20)% = 89.80%
REQUIRED PARKING 25% OF 89.80% OF BUILTUP AREA
89.80% OF BUILTUP AREA = 872.76 X 0.898 = 783.73 sq.m.
SO REQUIRED CAR PARKING AREA = 783.73 X 0.25 = 195.93 sq.m.
TOTAL PROVIDED CAR PARKING AREA = 197.73 sq.m.

SPECIFICATION

1. R.C.C. UNDER REAMED GROUP OF PILE FOUNDATION.

2. 1ST CLASS BRICK WORK IN SUPER STRUCTURE WITH

3. 150 TH. LINTEL BEAM PROVIDED ALL OVER DOOR & WINDOWS OPENINGS

4. HEIGHT OF PLINTH & FLOOR INDICATED IN SECTION

5. 0.025 TH. MOSAIC FLOORING OVER 0.15 TH. DRY REAMED KHOA OVER 0.075 TH. F.B.S. OVER SAND FILLING

6. 0.125 TH. AVG. LIME TERRACING OVER 0.100 TH. R.C.C. SLAB

7. 12 MM TH. CEMENT PLASTER ON BOTH SIDES OF WALL

8. ALL DOORS WILL BE SAL WOOD FRAME & ALL WINDOW WILL GLAZED WITH STEEL FRAMES

9. SHOW CEMENT PAINT ON THE EXTERNAL WALL & WHITE WASH IN SIDE

SL.NO	TYPE	WIDTH	HEIGHT	S.LVL	LINTEL LEV	REMARKS
1	D	1.07	2.59	0.00	2.59	PANNELED
2	D1	0.81	2.59	0.00	2.59	PANNELED
3	D2	0.78	2.59	0.00	2.59	PANNELED
4	W	1.37	1.68	0.81	2.59	PANNELED
5	W1	0.91	1.37	1.22	2.59	PANNELED
6	W2	0.61	1.22	1.47	2.59	PANNELED

AREA CALCULATION		
TOTAL PLOT AREA	=	450.77 SQ.MT
GROUND FLOOR PARKING AREA	=	197.73 SQ.MT
GROUND FLOOR BUILT UP AREA	=	66.38 SQ.MT
FIRST FLOOR BUILT UP AREA	=	257.82 SQ.MT
SECOND FLOOR BUILT UP AREA	=	274.28 SQ.MT
THIRD FLOOR BUILT UP AREA	=	274.28 SQ.MT
TOTAL BUILT UP AREA	=	872.76 SQ.MT
F.A.R. -	=	1.94

WATER TANK CALCULATION		
TOTAL NO. OF FLAT =	10 NOS	
ONE UNIT 5 PERSON		
TOTAL NO. OF PERSON =	10 X 5 = 50	
ONE PERSON REQU. WATER =	135 LTR./DAY	
TOTAL REQU. WATER =	50X 135 = 6750 LTR./DAY	
TOTAL REQU. AREA OF WATER TANK =	6.75 CUM.	
PROVIDE AREA OF WATER TANK		
= SIZE 3.98X2.28X1.25 =	11.27 CUM.	
TOTAL PROVIDE WATER TANK =	11.27 CUM.	
SEPTIC TANK CALCULATION		
TOTAL NO. OF PERSON =	10 X 5 = 50	
ONE PERSON REQU. AREA =	0.087 CUM./DAY	
TOTAL REQU. AREA =	50 X 0.087 = 4.35 CUM./DAY	
PROVIDE AREA OF SEPTIC TANK		
SIZE =	3.0X1.50X1.50 = 6.75 CUM.	
TOTAL AREA OF SEPTIC TANK =	6.75 CUM.	

GREEN AREA CALCULATION:-		
TOTAL PLOT AREA =	450.77 SQ.M.	
TOTAL REQUIRED GREEN AREA 5% OF TOTAL PLOT AREA		
REQUIRED GREEN AREA	=	22.53 SQMT
TOTAL PROVIDED GREEN AREA =	34.08 SQMT	

PROPOSED RESIDENTIAL BUILDING
OWNER NAME :-
1. SMT SARASWATI SINGH W/O LATE PROF. BISHWANATH SINGH
2. SRI PREM NANDAN SINGH S/O LATE SHIV NANDAN SINGH
3. SRI RAMJANAM SINGH S/O LATE SHIV NANDAN SINGH
4. SRI ANUP NANDAN SINGH S/O LATE SHIV NANDAN SINGH
PLOT DETAILS :-
SURVEY PLOT NO - 312, KHATA NO - 385, THANA - SHASHITRI NAGAR,
THANA NO - 88, MAUZA - SHEKHUPURA, DIST - PATNA.,
DEVELOPER:-
M/S - SHIVMAATI CONSTRUCTION PVT LTD
DIRECTOR - SUNIL KUMAR SINGH S/O LATE RAM BILASH SINGH

SIGNATURE OF BUILDER Sh. Shashil Kumar	
DR. SHAILESH RANJAN, M.E. CIVIL ENGINEER MP NO. BRU/NOCE/23-0016 LOND. BHAR (PATNA)	
SIGNATURE OF OWNER	SIGNATURE OF ENGINEER
SCALE - 1:100	NORTH

PATNA MUNICIPAL CORPORATION
PATNA REGIONAL DEVELOPMENT AUTHORITY (DISSOLVED)
P/SHKHUPURA/PAN-G+3/301/2023
Case No. 2023/2023
Sanction of Plan Accorded under Section
315, 316 & 317 of the Bihar Municipal Act 2007
by the Municipal Commissioner, Patna on.....
Date. 06/03/2024
SANCTION OF PLAN ACCORDED
निदेशक
शहरी योजना
पटना नगर निगम
28/03/24