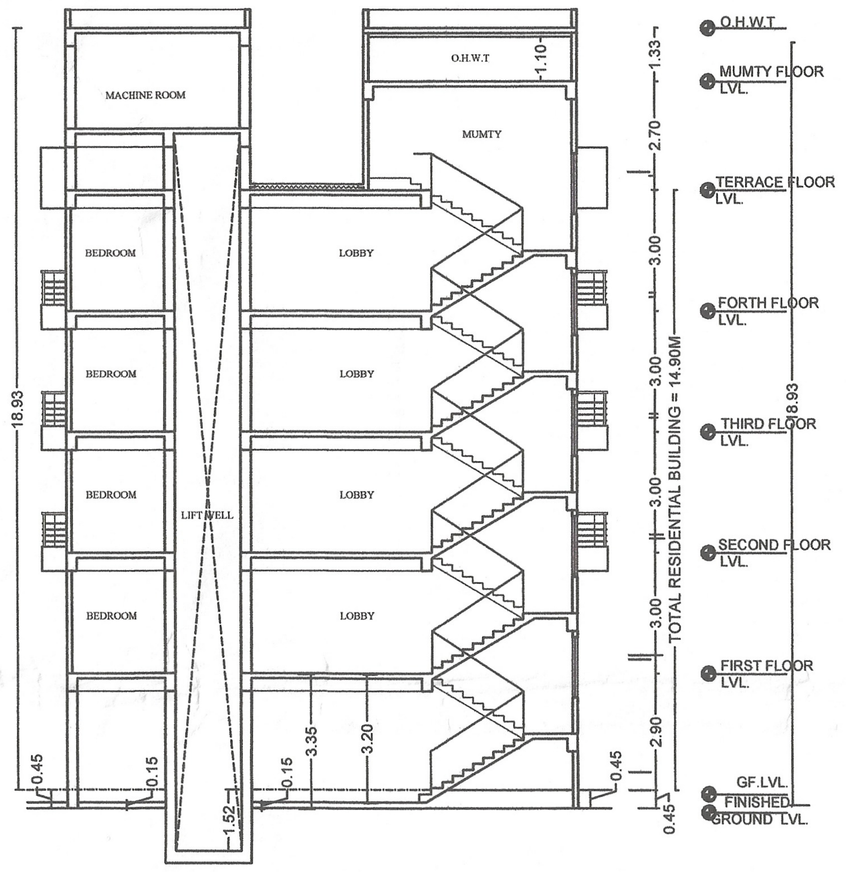
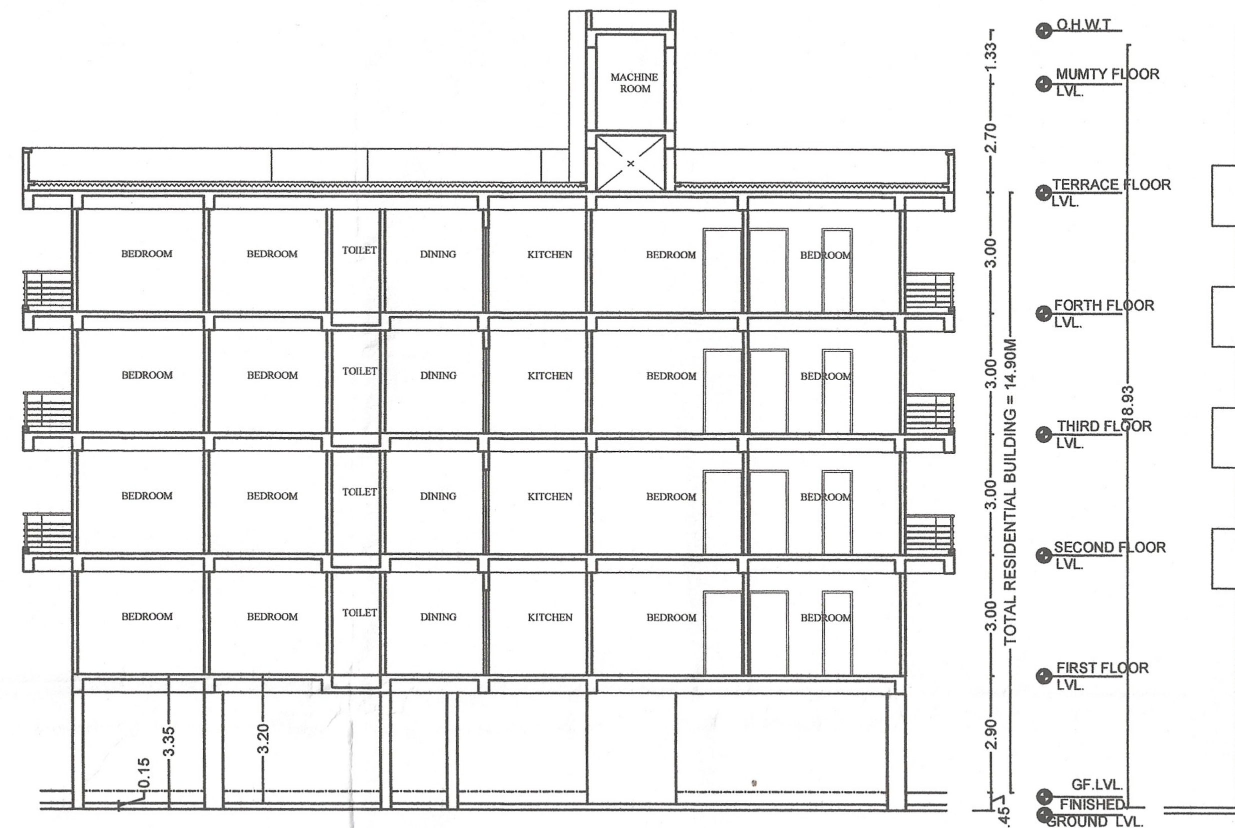


SECTION XX



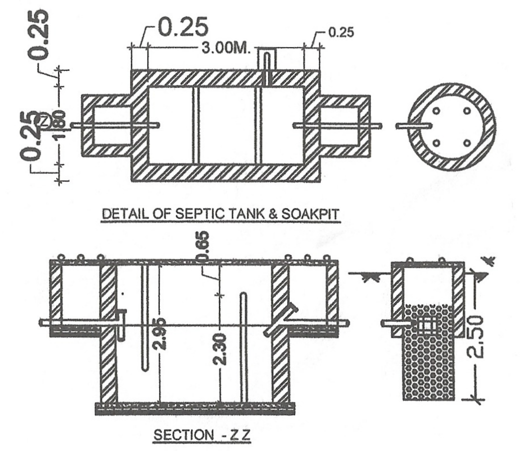
SECTION YY

FRONT ELEVATION

...ns & Conditions:-

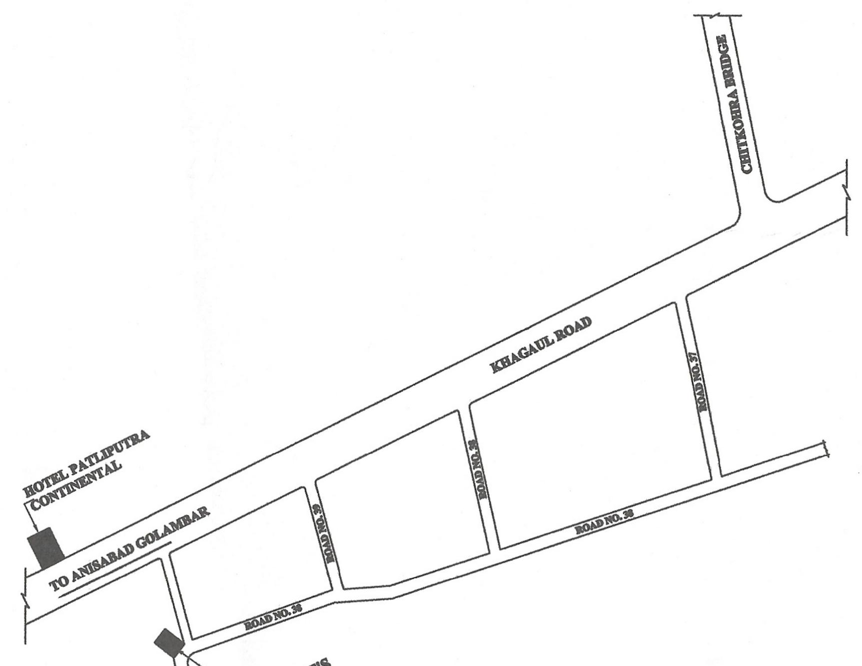
1) STF of requisite capacity is to be installed in the campus by the Builder/Owner
2) Water Harvesting and Green area is to be maintained in the premises
3) Solar power is to be installed in the campus

RIGHT SIDE ELEVATION

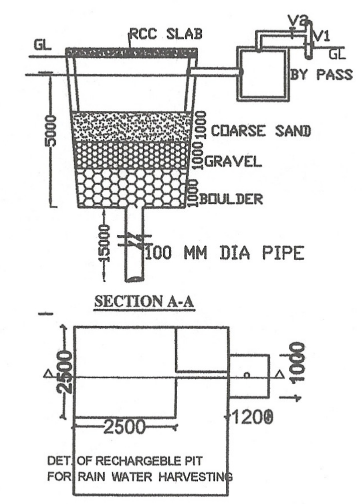


DETAIL OF SEPTIC TANK & SOAKPIT

SECTION - Z.Z

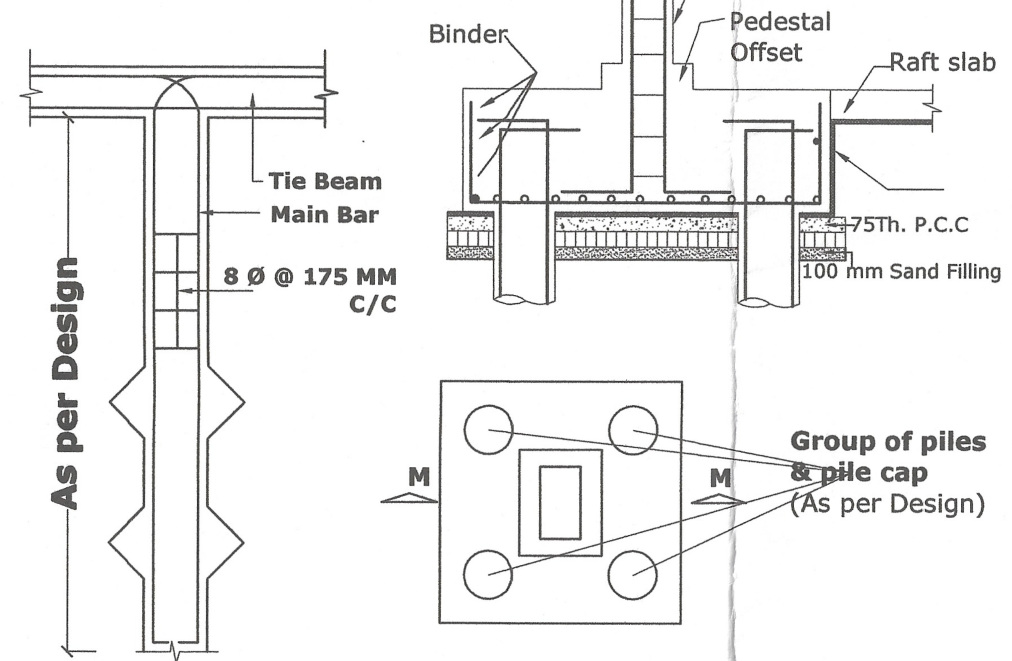


LOCATION PLAN

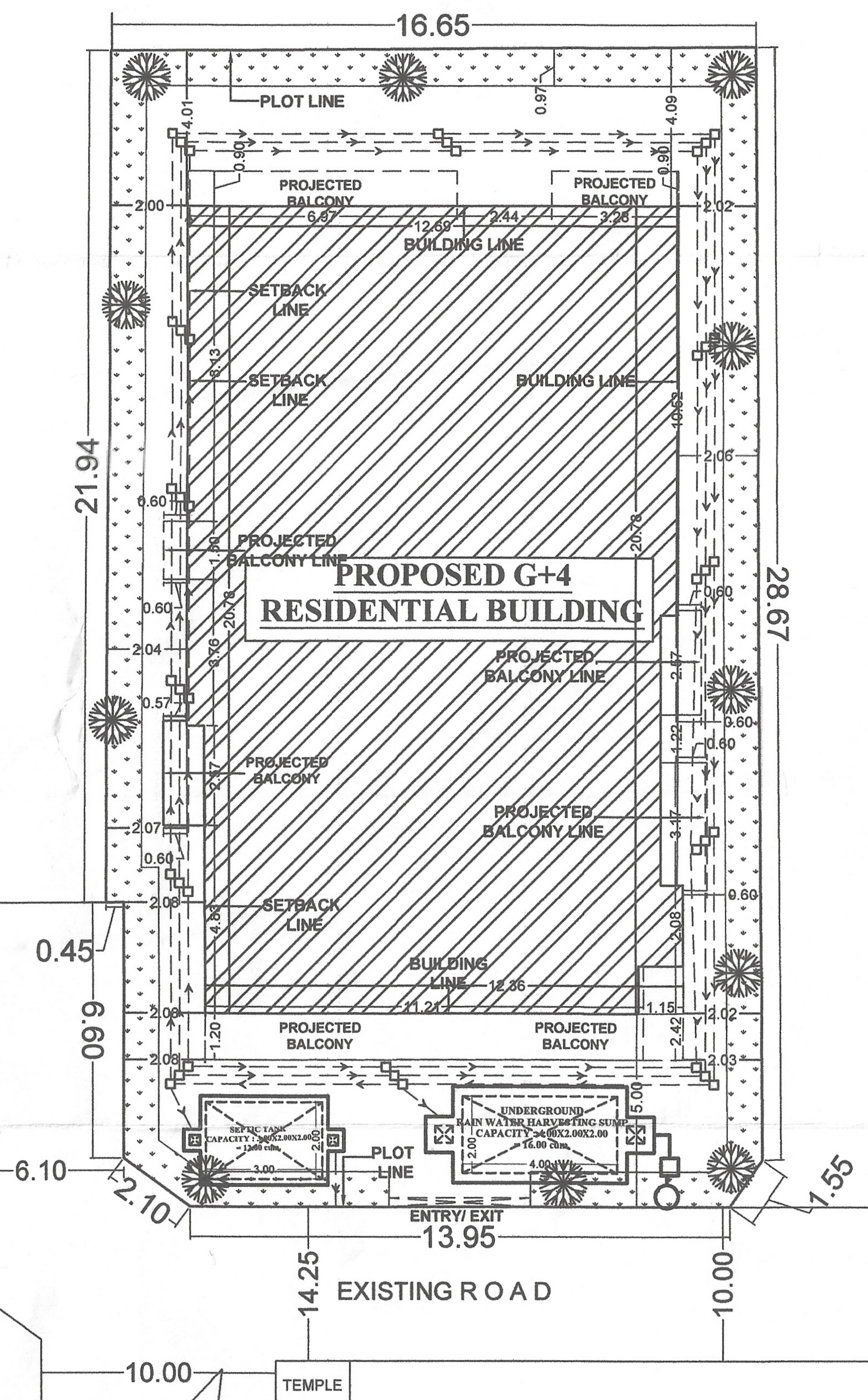


SECTION A-A

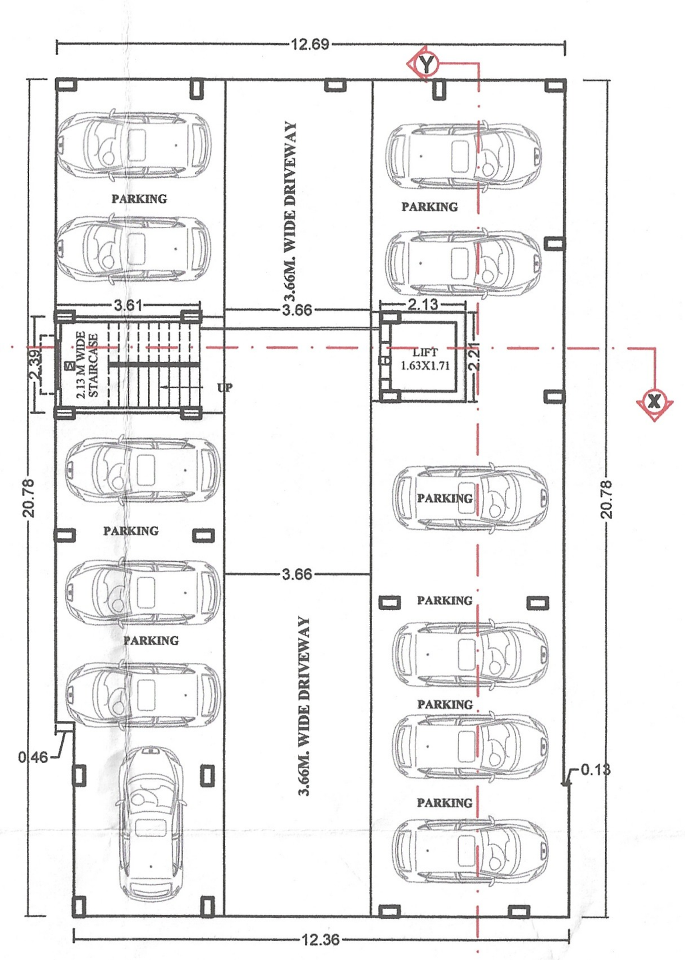
DET OF RECHARGEBLE PIT FOR RAIN WATER HARVESTING



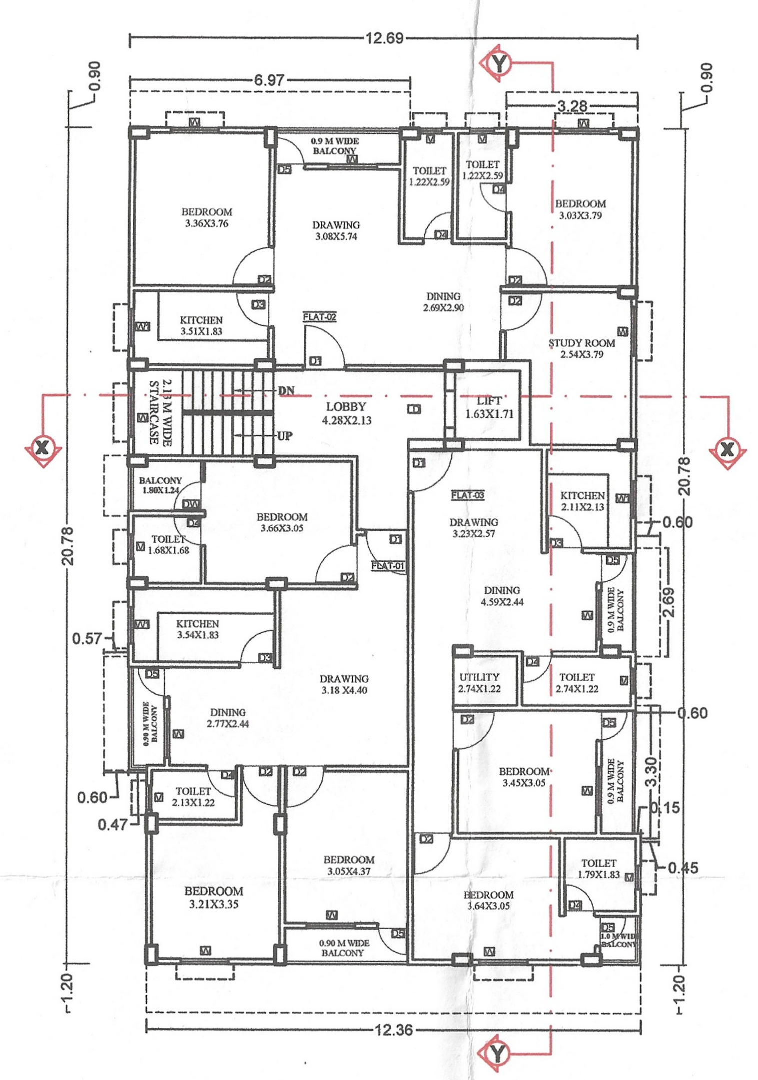
FOUNDATION DETAIL



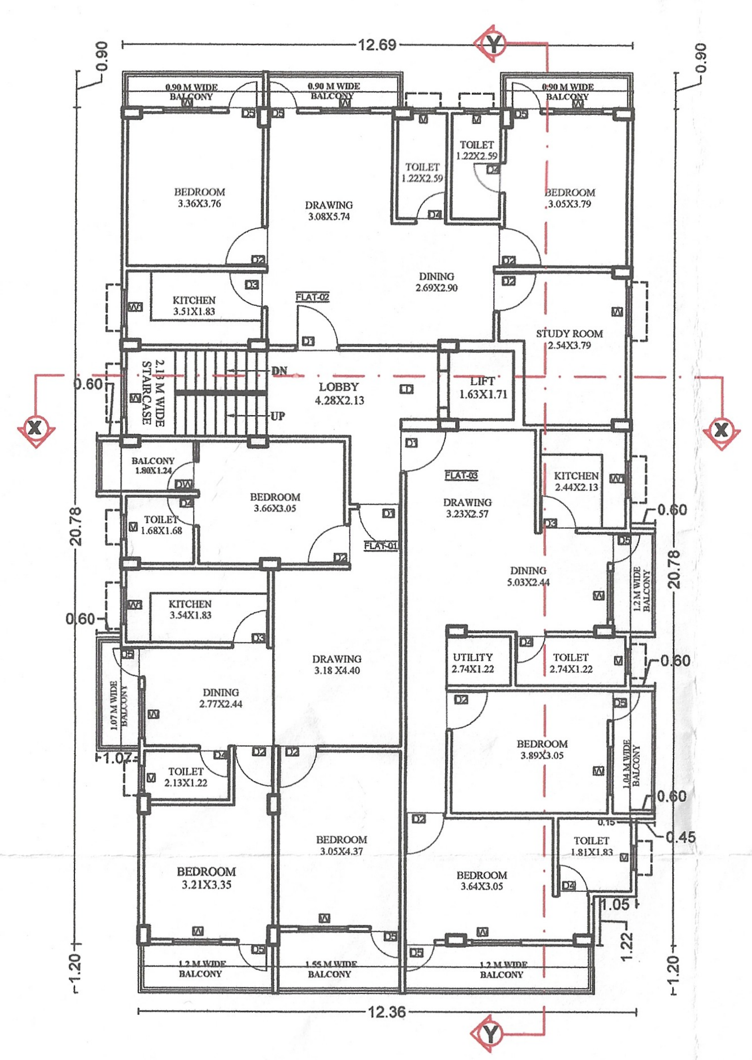
SITE PLAN



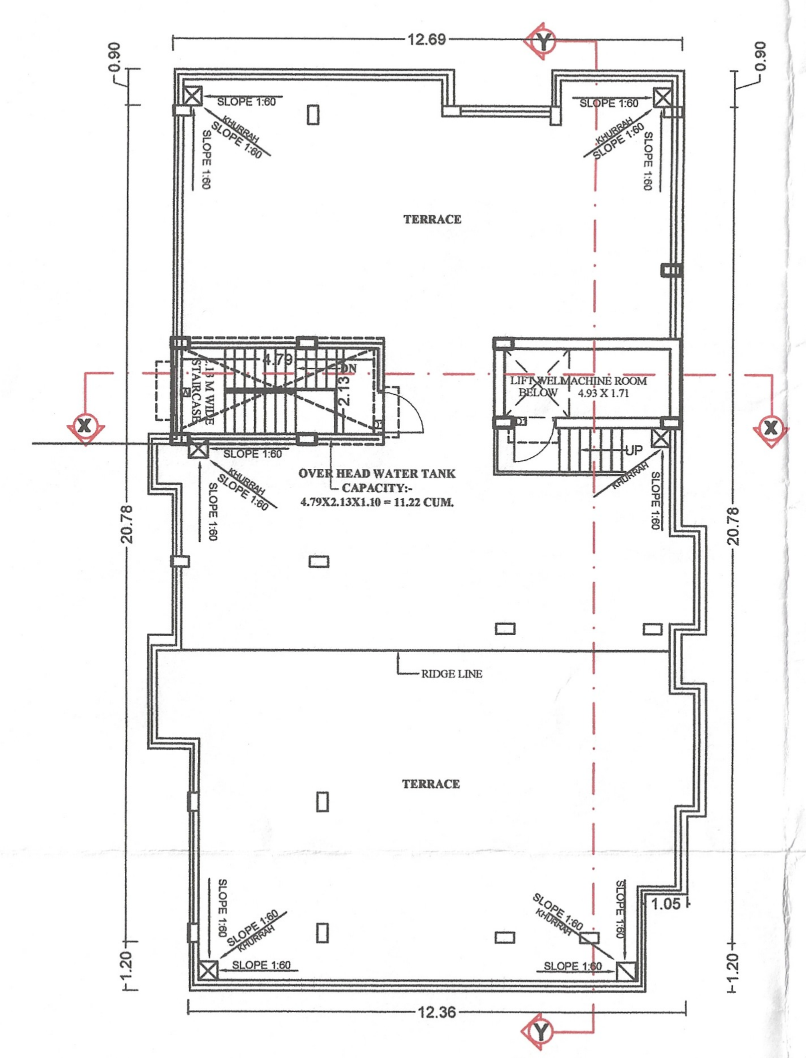
GROUND FLOOR PLAN



1ST FLOOR PLAN



2ND TO 4TH FLOOR PLAN



TERRACE FLOOR PLAN

बिल्डर/प्रोमोटर/भू–स्वामी/संबंधित वास्तुविद/अभियंता को निर्देश दिया जाता है कि भवन के निर्माण तथा उपयोग में लाने के पूर्व आवासीय/व्यवसायिक कम्पलेक्स 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 महत्त्वपूर्ण स्थानों पर उच्च मानक के C.C.T.V. कैमरा का अधिष्ठापन करेंगे अन्यथा संबंधित एक्ट एवं बाईलॉज के सुसंगत धाराओं के तहत् कारवाई किया जायेगा।

PARKING AREA CALCULATION

TOTAL BUILT UP AREA =1077.52 SQM.
LESS SERVICE AREA = 89.00 SQM
BUILT UP AREA FOR PARKING CALCULATION
= 1077.52 - 89.00 = 988.52 SQM
REQUIRED PARKING AREA @ 25% OF
988.52 SQM. = 247.13 SQM.
GROUND FLOOR PARKING AREA- 248.39 SQM.
TOTAL PARKING AREA PROVIDED----248.39 SQM

SERVICE AREA
GROUND FLOOR = 13.40 SQ.MT.
1st FLOOR = 18.90 SQ.MT.
2nd FLOOR = 18.90 SQ.MT.
3rd FLOOR = 18.90 SQ.MT.
4th FLOOR = 18.90 SQ.MT.13.40+75.60= 89.00 SQM

WATER TANK CALCULATION:-

Total No Of Flat = 12 Nos
Each Flat Having 5 Person
Total No Of Persons =12 x 5 = 60 Person
Per Person Req = 135 Ltrs/Day
Total Req. Capacity Of Water Tank = 60 x 135 = 8100.00 Ltrs/Day
Total Req. Capacity = 81000 ltrs = 8.1 CU.M
PROVIDED CAPACITY OF WATER TANK SIZE
4.79X2.13X1.10 = 11.22 CUM.

GREEN AREA CALCULATION:-

REQUIRED GREEN AREA = 10% of TOTAL PLOT AREA
= 496.59 X 10% = 49.65 SQ.M
So, REQUIRED GREEN AREA = 49.65 sqm
PROVIDED GREEN AREA ON FINISED GROUND FLOOR= 121.23 SQ.M
TOTAL PROVIDED GREEN AREA = 121.23 sqm

WATER HARVESTING SUMP CALCULATION :-

TOTAL TERRACE FLOOR AREA = 268.33 SQ.M.
RAIN WATER HARVESTING SUMP REQ. 6 CUM FOR EVERY 100 SQ.M. TERRACE AREA.
REQ. CAPACITY OF SUMP = 2.68 X 6 = 16.08 cum
PROVIDED CAPACITY OF SUMP = 5.00 X 2.50 X 2.50 = 31.25 cum

SEPTIC TANK CALCULATION:-

Total No Of Flat = 12 Nos
Each Flat Having 5 Person
Total No Of Person =12 x 5 = 60 Person
Per Person Req = 0.085 CU.M.
Total Req. Area Of Septic Tank = 60 x 0.085 = 5.10CU.M.
Total Req. Capacity Of Septic Tank = 5.10 CU.M.
Total Provided Capacity Of Septic Tank
= 2.75X1.80X2.30 = 11.38 CU.M.

SCHEDULE OF DOORS & WINDOWS

S.NO	TYPE	WIDTH	SILL	HEIGHT	DESCRIPTION
01.	SD	1.80	0.0	2.10	SLIDING DOOR
02.	D	1.05	0.0	2.10	SINGLE LEAF DOOR
03.	D1	0.98	0.0	2.10	SINGLE LEAF DOOR
04.	D2	0.90	0.0	2.10	SINGLE LEAF DOOR
05.	D3	0.75	0.0	2.10	SINGLE LEAF DOOR
06.	W	1.35	0.75	1.35	FULLY GLAZED WIN.
07.	W1	1.20	0.75	1.35	FULLY GLAZED WIN.
08.	W2	0.90	1.00	1.10	FULLY GLAZED WIN.
09.	V	0.75	0.75	1.50	FULLY GLAZED VENT.
10.	DW	0.75X0.95	0.0X0.75	2.10x1.35	DOOR WINDOW
10.	DW1	0.75X0.75	0.0X0.75	2.10x1.35	DOOR WINDOW

SPECIFICATION:-

1. **FOUNDATION** - R.C.C. UNDER REAMED PILE FOUNDATION 6.0 M DEEP WITH R.C.C. AS/ STRUCTURAL ENGINEER.
2. **SUPER STRUCTURE** - 1st CLASS BRICK WORK IN SUPER STRUCTURE WITH CEMENT MORTER 1:6.
3. **PLINTH** - HEIGHT P.L. AND G.L. AS SHOWN IN SECTION.
4. **FLOORING** - 0.025M TH. I.P.S. FLOORING OVER 0.125M TH. DRY RAMMED KHOA OVER 0.075 M TH. BRICK FLAT SOLING OVER SAND FILLING.
5. **ROOF** - 0.10M TH. AVERAGE LIME TERRACING OVER R.C.C. ROOF SLAB.
6. **DOORS** - CHOWKHATS OF DOORS TO BE SAL WOOD.
7. **WINDOWS** - ALL WINDOWS TO BE FULLY GLAZED IN STEEL.
8. **PLASTER** - 0.12M TH. CEMENT PLASTER ON BOTH SIDE OF BRICK WORK .
9. **COLOURING** - COLOUR OR WHITE WASH AS/CHOICE

AREA CALCULATION :-

TOTAL PLOT AREA AS PER DEED	= 506.04	SQ.M.
TOTAL PLOT AREA AS PER SITE	= 496.59	SQ.M.
GROUND FLOOR B/U AREA	= 13.54	SQ.M.
1ST. FLOOR B/U AREA	= 258.99	SQ.M.
2ND. FLOOR B/U AREA	= 268.33	SQ.M.
3RD. FLOOR B/U AREA	= 268.33	SQ.M.
4TH. FLOOR B/U AREA	= 268.33	SQ.M.
TOTAL FLOOR B/U AREA	**= 1077.52**	**SQ.M.**

F.A.R.= TOTAL B/U AREA / NET PLOT AREA = 1077.52 / 496.59 =2.17

PLOT DETAILS :-

PROPOSED RESIDENTIAL BILDING AT SURVEY PLOT NO.- 1846 (P), THANA NO.-16, KHATA NO.-71, MAUZA- DHIRACHAK, DISTRICT - PATNA

LAND OWNER DETAIL
1) RUBY PRIYA W/O RAJ SHEKHAR,
2) SRI RAJ RITU, S/O- LATE SURENDRA PRASAD
3) SRI ANIL KUMAR SINHA, S/O- LATE AMBASTHA BHOLENDRA PRASAD SINHA
4) SRI SUNIL KUMAR SINHA, S/O- LATE AMBASTHA BHOLENDRA PRASAD SINHA
5) SRI SUDHIR KUMAR SINHA, S/O- LATE AMBASTHA BHOLENDRA PRASAD SINHA

DEVELOPER:-
M/S -PATLIPUTRA ENGINEERS PVT. LTD.
SRI SANJEEV KUMAR LAKHAIYAR
SRI RAJEEV KUMAR LAKHAIYAR

SHEET NO.	SCALE.	NORTH.
S.D -01/01	1 : 100	

PATLIPUTRA ENGINEERS PVT. LTD.
Reg. No.- BR/UDHD/BLDR/23-0256
GOVERNMENT OF BIHAR
Patliputra Engineers Pvt. Ltd.
Director
Patliputra Engineers Pvt. Ltd.
Director

SIGNATURE OF DEVELOPERS

AMIT KUMAR
ARCHITECT
EMPL NO -AR/08/15
PATNA NAGAR NIGAM

SIGNATURE OF ARCHITECT

SIGNATURE OF OWNER.

BRAJESH KUMAR SINHA
Registration No.
BR/UDHD/SE/23-0071
UDHD, Government of Bihar

SIGNATURE OF STRUCTURE ENGINEER

PATNA MUNICIPAL CORPORATION
PATNA REGIONAL DEVELOPMENT AUTHORITY (DISSOLVED)
Case No. P/DHIRACHAK/PRN-G+4/681/2023
Sanction of Plan Accorded under Section 315, 316 & 317 of the Bihar Municipal Act 2007 by the Municipal Commissioner, Patna on..............
Date. 05/03/2024

SANCTION OF PLAN ACCORDED

19/3/2024
प्रह्लाद पटेल
सहायक नगर योजना पर्यवेक्षक
शहरी योजना शाखा
पटना नगर निगम

20/03/24
निदेशक
शहरी योजना
पटना नगर निगम, पटना
19/03/24