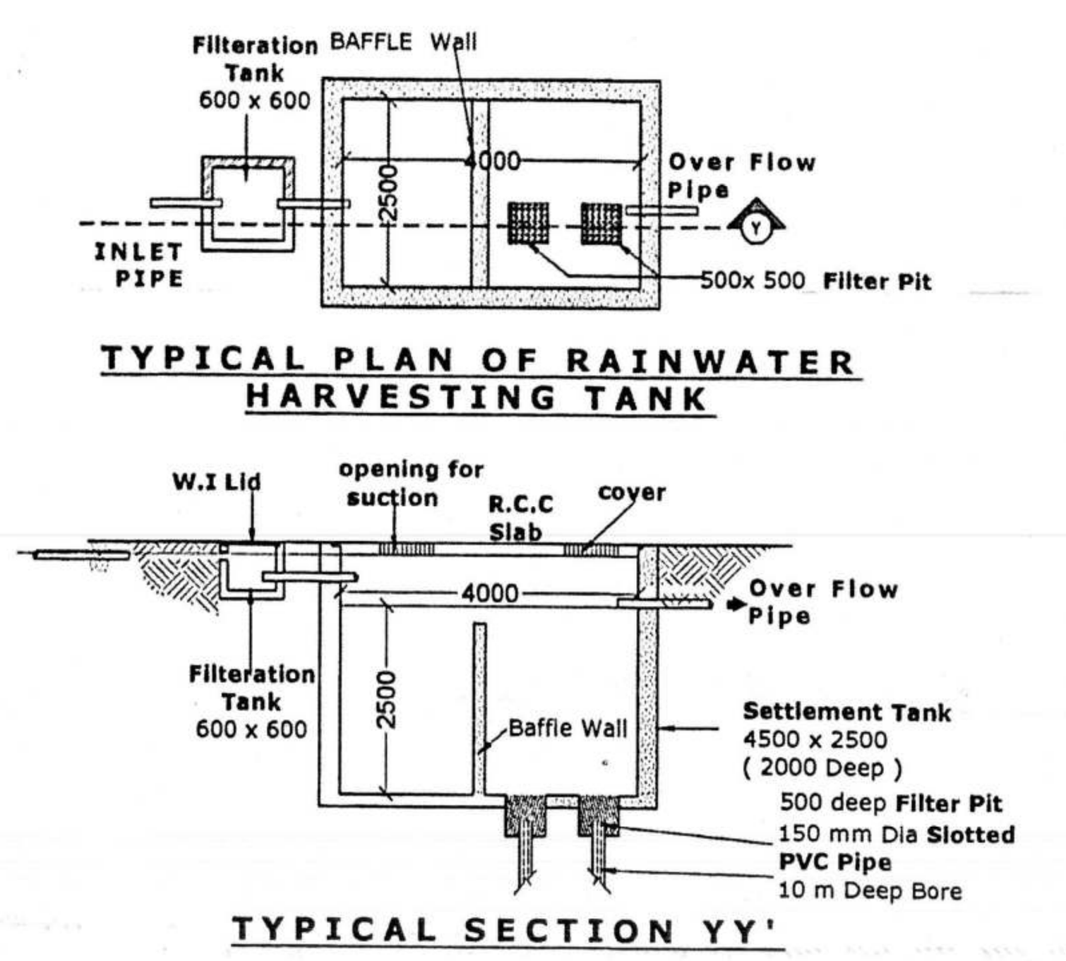
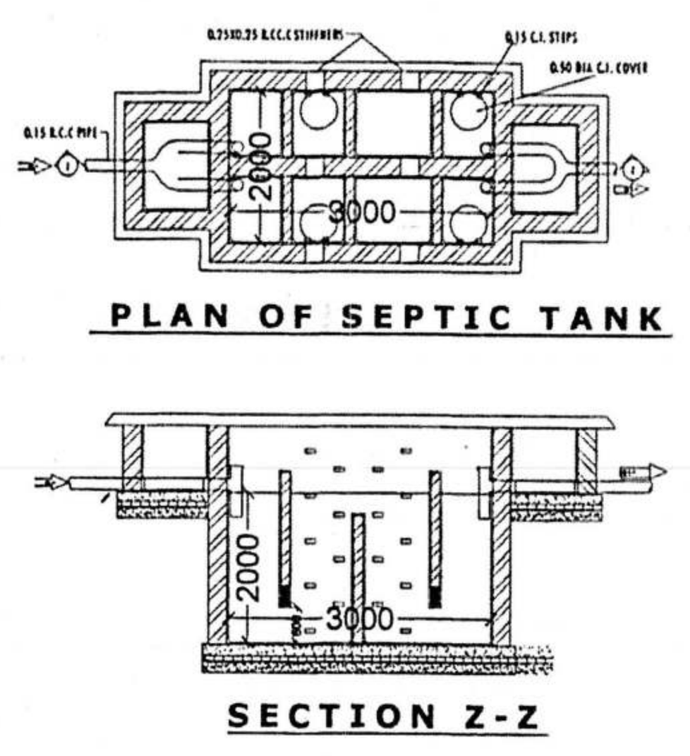


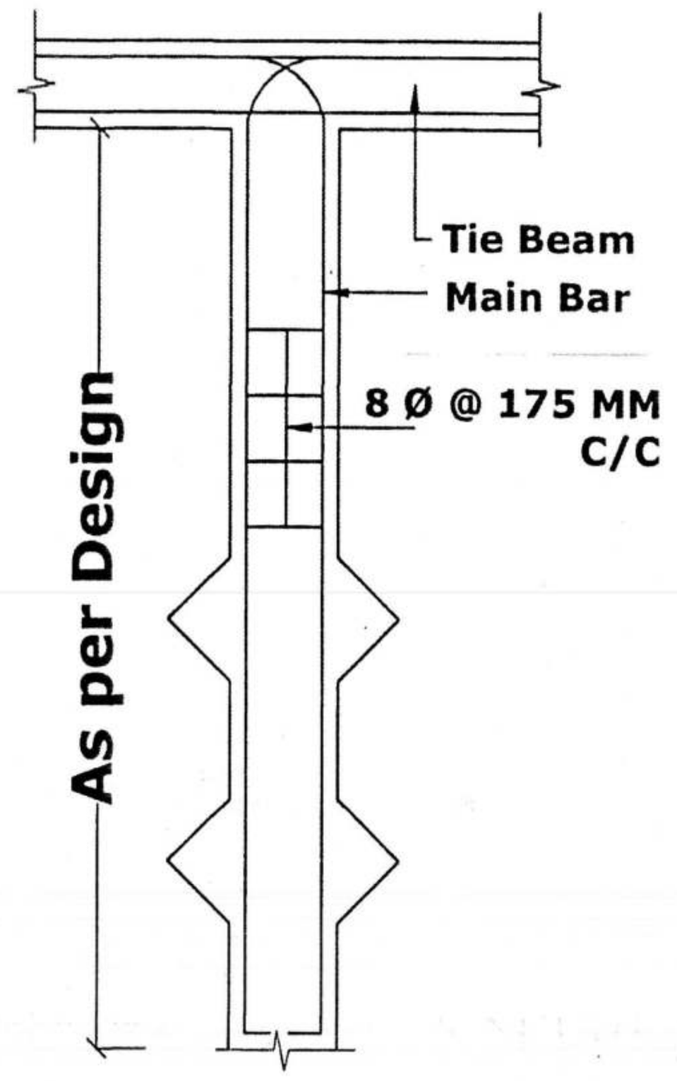
TYPICAL PLAN OF RAINWATER HARVESTING TANK

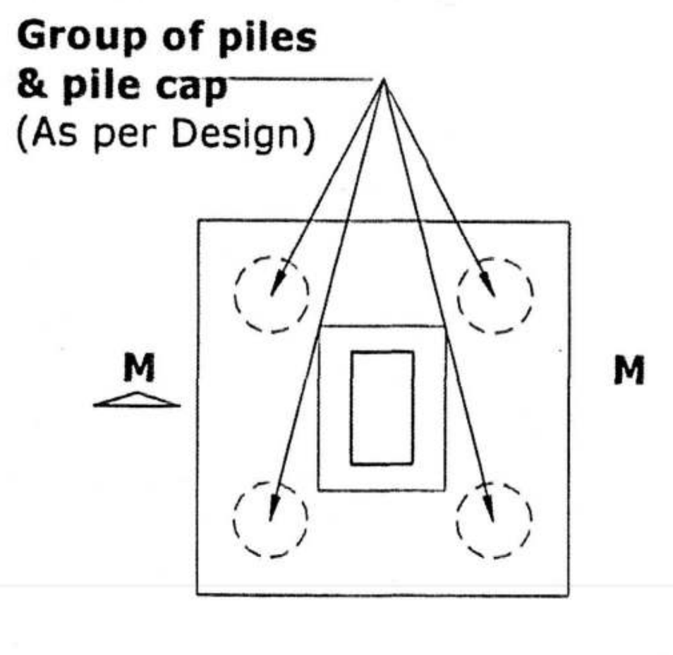
TYPICAL SECTION YY'

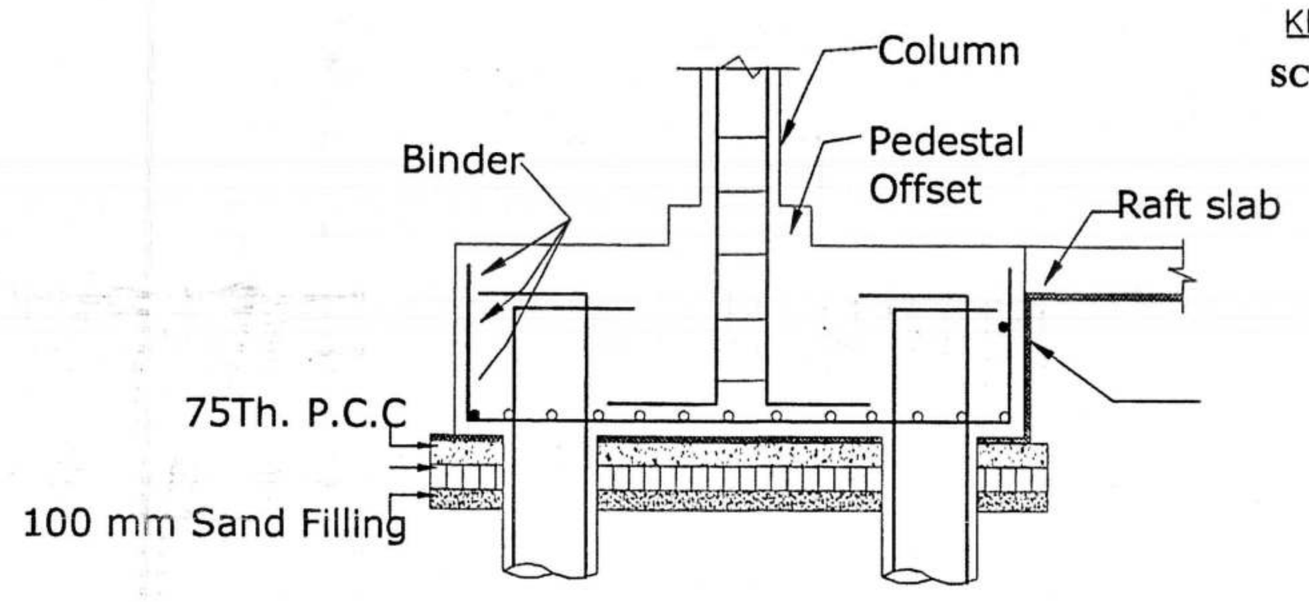


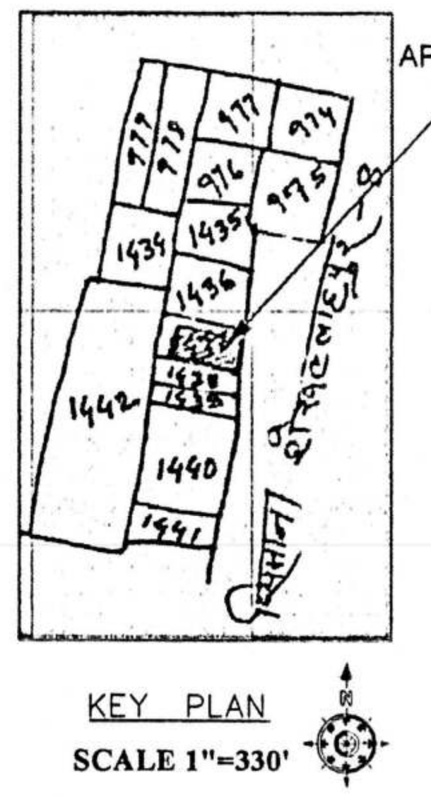
PLAN OF SEPTIC TANK

SECTION Z-Z

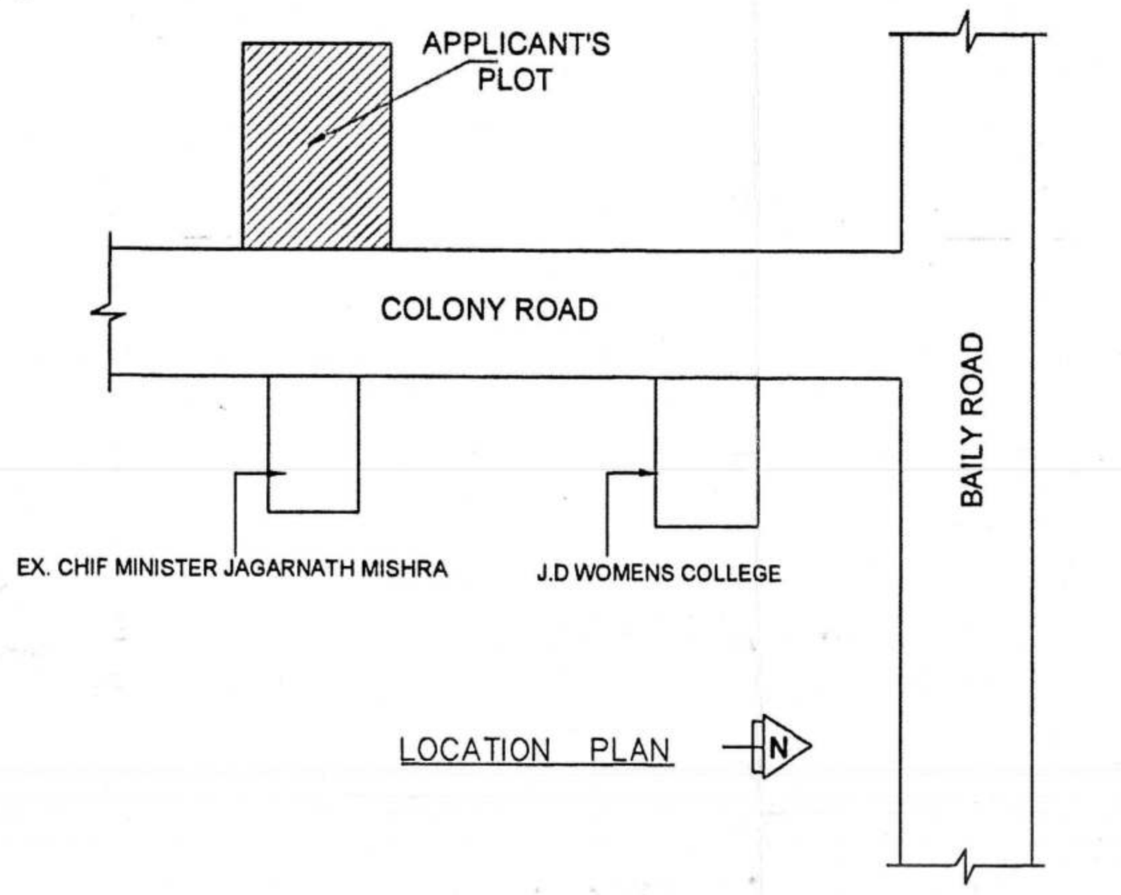




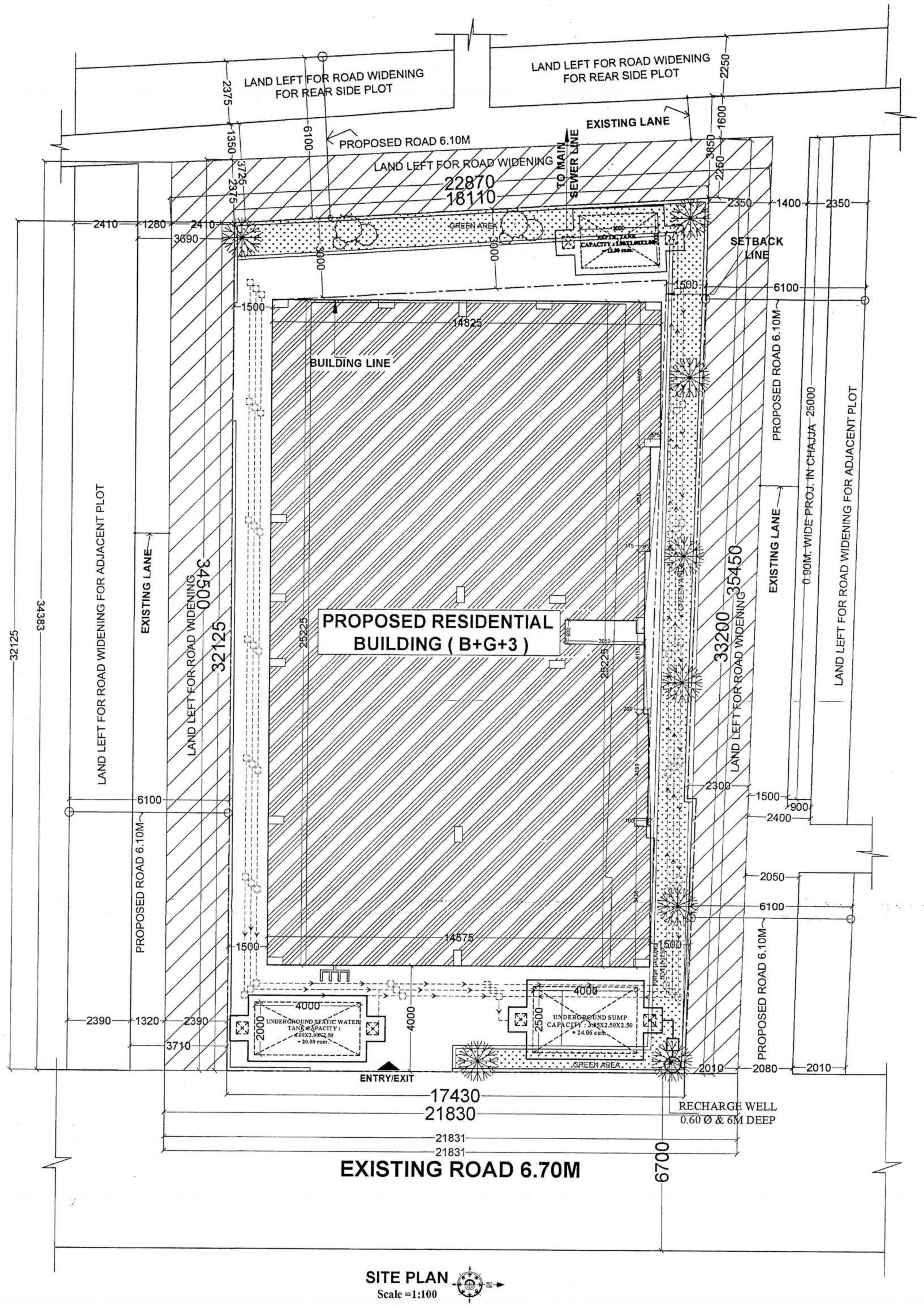




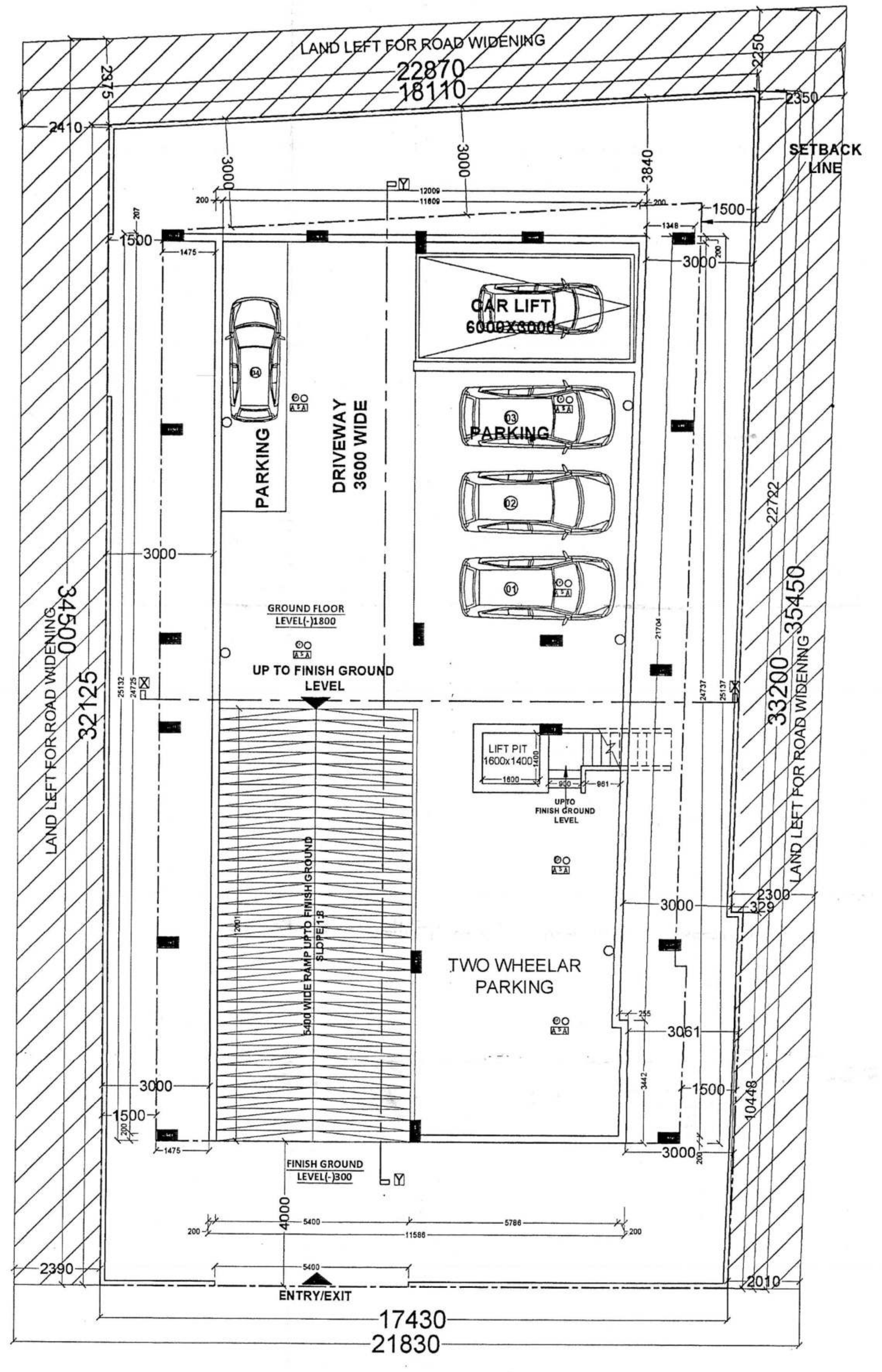
KEY PLAN
SCALE 1"=330'



LOCATION PLAN

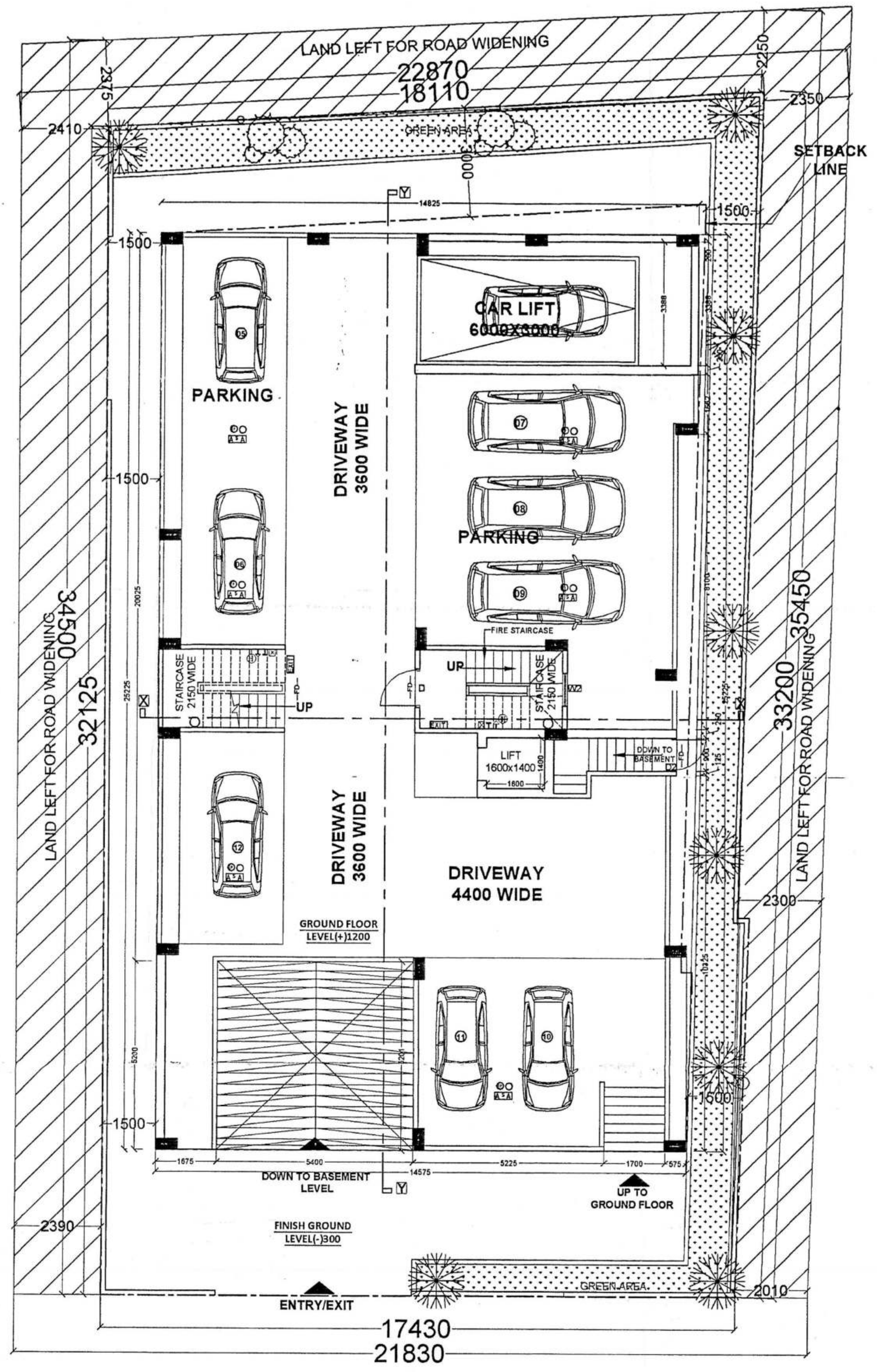


SITE PLAN
Scale =1:100



BASEMENT 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 सूरक्षा 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।



GROUND FLOOR PLAN

FIRE LEGENDS :

[1]	HYDRANT POINT	(H) (WET RISING SYSTEM)
[2]	HOSE REAL	
[3]	I.S.I MARKED F.E	
[4]	FLUORESCENT SIGN.	EXIT
[5]	SEAMAC CONNECTION	
[6]	SPRINKLER'S INSTALLATION	(SP)
[7]	MANUAL CALL ALARM POINT	
[8]	FIRE RESISTANCE STEEL DOOR	---FD---
[9]	AREA COVERED WITH SMOKE DETECTION SYSTEM	ASA
[10]	EMERGENCY LIGHT	
[11]	FIRE ALARM CALL POINT	
[12]	UNDERGROUND STATIC WATER TANK	20,000 LTRS
[12]	OVER HEAD FIRE WATER TANK	5000 LTRS

PARKING CALCULATION:-

RESIDENTIAL PARKING
REQUIRED PARKING 25% of TOTAL BU/UP AREA IN RESIDENTIAL
TOTAL B/U AREA=1094.28 SQ.M.
So, Required car parking area = 273.57 sqm.
Total provided parking area in Basement floor = 286.86 SQ.M.
Total provided parking area in Ground floor = 304.65 SQ.M.
TOTAL PROVIDED PARKING AREA = 591.51 SQ.M.

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 = 8.1 CU.M
FIRE WATER TANK CAPACITY REQUIRED = 5000 LTRS = 5 CU.M.
TOTAL WATER TANK CAPACITY REQ. = 8.1+5.0 = 13.10
PROVIDED CAPACITY OF WATER TANK SIZE= 6.87X2.15X1.00(+0.30 FB) = 14.77 CU.M

SEPTIC TANK CALCULATION:-

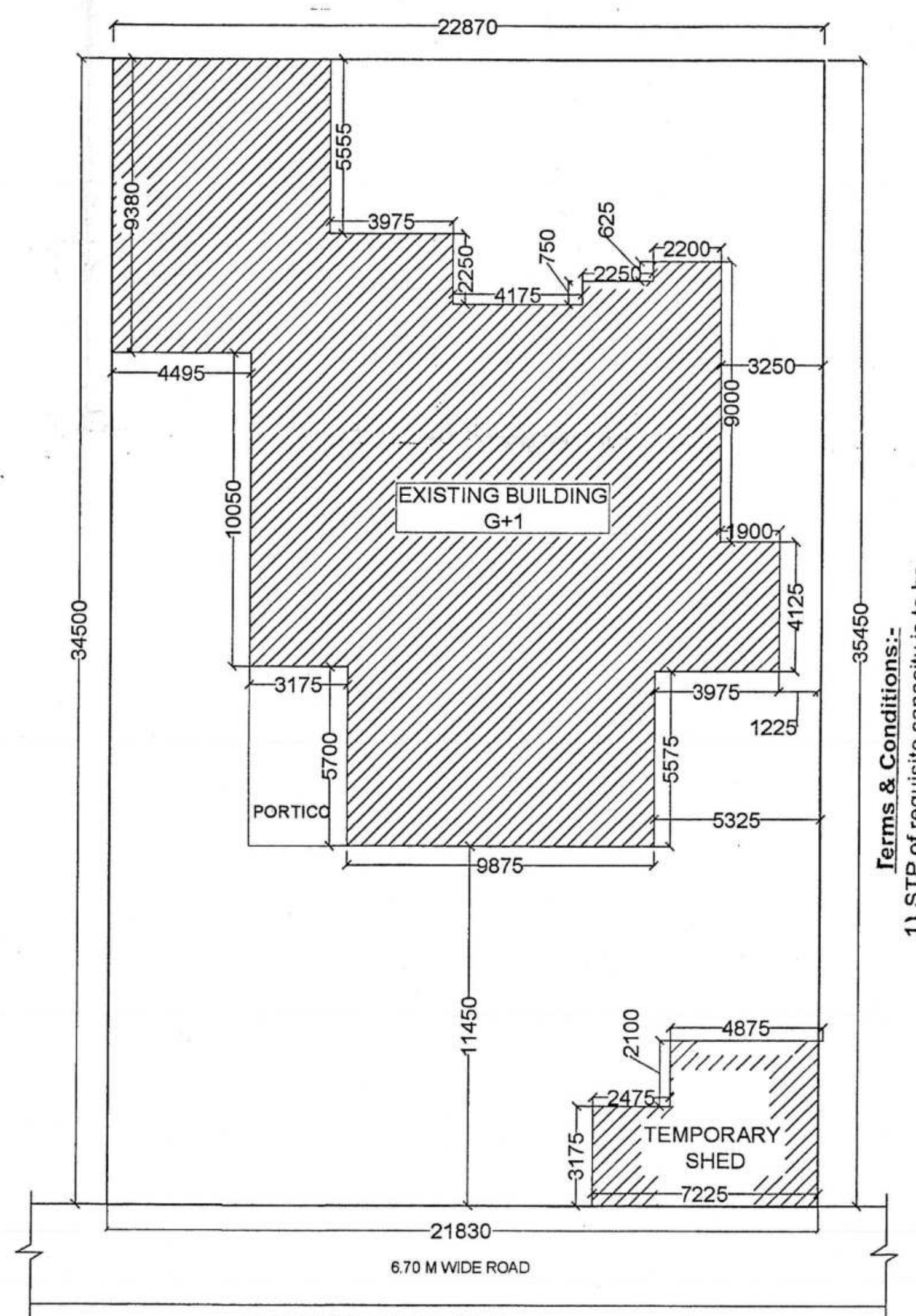
Total No Of Flat = 12 Nos
Each Flat Having 5 Person
Total No Of Person =12 x 5 = 60 Person
Per Person Req = 0.085 CU.M.
Total Req. volume Of Septic Tank = 60 x 0.085 = 5.10CU.M.
Total Provided Capacity Of Septic Tank = 2.55X2.00X2.00 = 10.20 CU.M.

GREEN AREA CALCULATION:-

REQUIRED GREEN AREA = 10% of TOTAL PLOT AREA
= 577.96 X 10% = 57.79 SQ.M
So, REQUIRED GREEN AREA = 57.79 sqm
PROVIDED GREEN AREA ON FINISED GROUND FLOOR=61.51 SQ.M
TOTAL PROVIDED GREEN AREA = 61.51 sqm

WATER HARVESTING SUMP CALCULATION :-

TOTAL TERRACE FLOOR AREA = 363.69 SQ.M.
RAIN WATER HARVESTING SUMP REQ. 6 CUM FOR EVERY 100 SQ.M. TERRACE AREA.
REQ. CAPACITY OF SUMP = 3.63 X 6 = 21.78 cum
PROVIDED CAPACITY OF SUMP = 3.85 X 2.50 X 2.50 = 24.06 cum



EXISTING SITE PLAN
NOT TO SCALE

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

SCHEDULE OF DOORS & WINDOWS

S.NO	TYPE	WIDTH	SILL	HEIGHT	DESCRIPTION
01.	SD	1800	0.0	2100	SLIDING DOOR
02.	D	1050	0.0	2100	SINGLE LEAF DOOR
03.	D1	975	0.0	2100	SINGLE LEAF DOOR
04.	D2	900	0.0	2100	SINGLE LEAF DOOR
05.	D3	750	0.0	2100	SINGLE LEAF DOOR
06.	W	1200	750	1350	FULLY GLAZED WIN.
07.	W1	1500	750	1350	FULLY GLAZED WIN.
08.	W2	900	750	1350	FULLY GLAZED WIN.
09.	W3	750	750	1500	FULLY GLAZED WIN.
10.	DW	750X575	750X575	1500	PARTIALLY GLAZED
11.	SW	1800	750	1750	SLIDING 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/SITE & AS/DEED	= 781.69 SQ.M.
ROAD WIDENING AREA	= 203.73 SQ.M.
TOTAL NET PLOT AREA AFTER ROAD WIDENING	= **577.96 SQ.M.**
BASEMENT FLOOR B/UP AREA	= 3.99 SQ.M.
GROUND. FLOOR B/UP AREA	= 11.76 SQ.M.
1ST. FLOOR B/UP AREA	= 359.51 SQ.M.
2ND. FLOOR B/UP AREA	= 359.51 SQ.M.
3RD. FLOOR B/UP AREA	= 359.51 SQ.M.
TOTAL FLOOR B/UP AREA	= 1094.28 SQ.M.

$$F.A.R. = \frac{\text{TOTAL B/u Area}}{\text{NET PLOT AREA}} = 1094.28 / 577.96 \text{ MM.} = 1.89$$

PLOT DETAILS :-

PROPOSED RESIDENTIAL BUILDING OF NITESH ROSHAN & RAKESH ROSHAN, DIRECTOR OF RAUSHAN BROTHERS INFRASTRUCTURE PVT.LTD
OWNER :-
NAME - SRI MANORANJAN PRASAD SINHA,
S/O- SRI BINDYACHAL PRASAD SINHA,
AT - SURVEY PLOT NO - 1437, KHATA NO - 445,
TAUZI NO - 5769,THANA NO - 09,
MAUZA - SHEIKHPURA, DISTT - PATNA .

SHEET NO.	SCALE.	NORTH.
S.D -01/02	1 : 100	

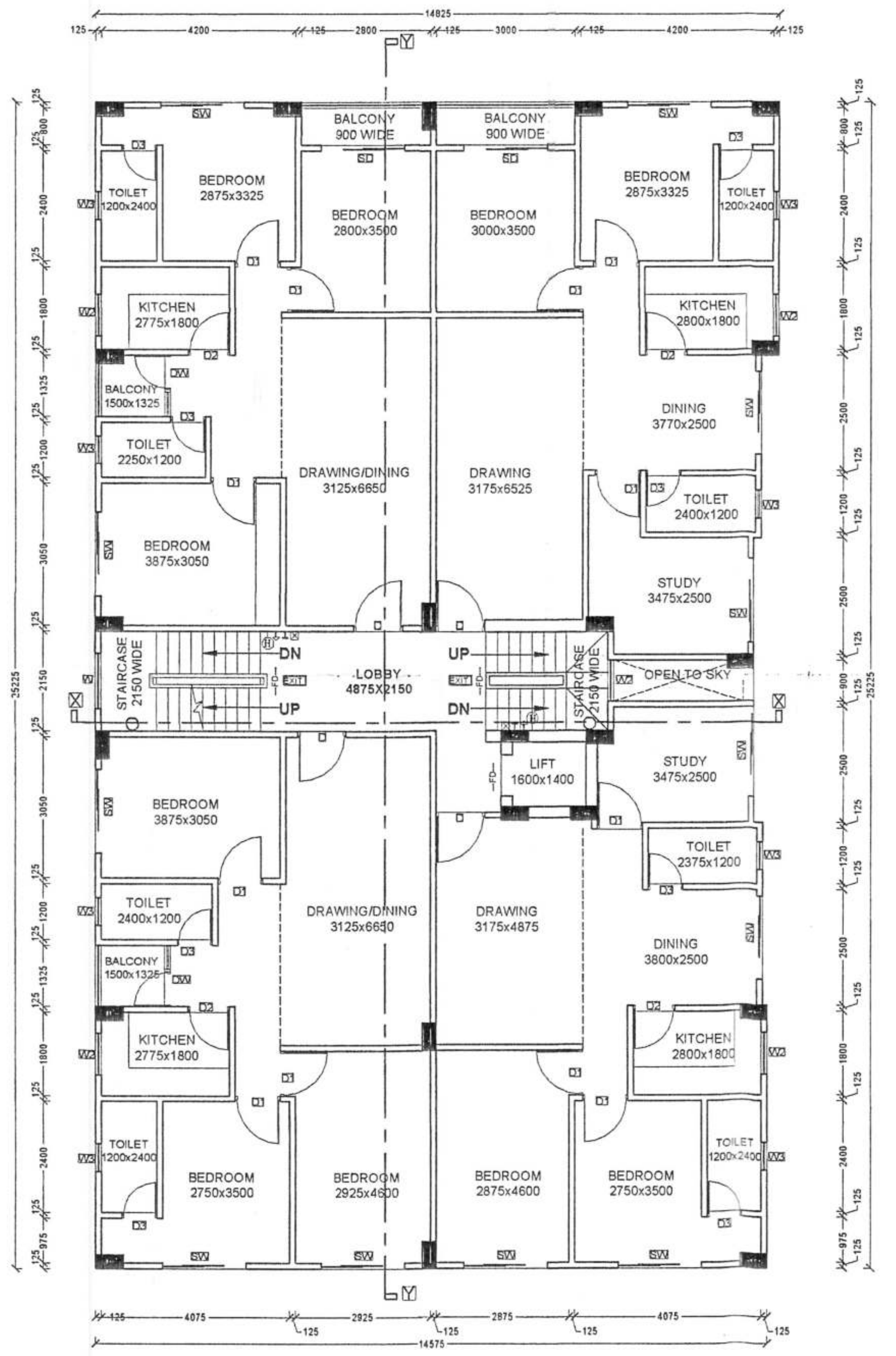
SIGNATURE OF OWNER.

AR. NAVRATNA RAGHUVANSHI
EMP No:- AS/74/2019
SIGNATURE OF ARCHITECT./ ENGINEER.

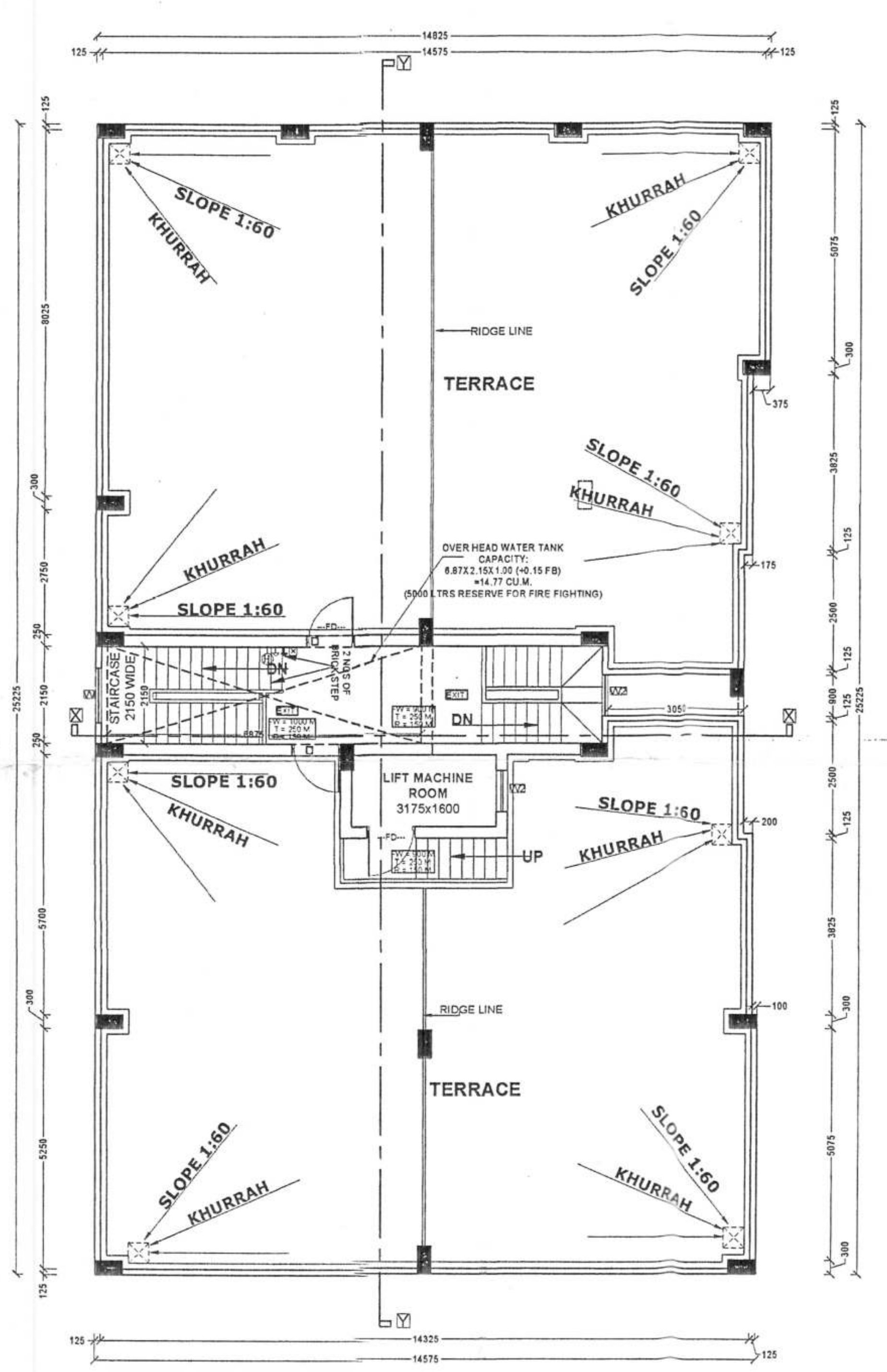
PATNA MUNICIPAL CORPORATION
PATNA REGIONAL DEVELOPMENT AUTHORITY (DISSOLVED)
P|SHAIKHPURA|PRN-1B+G+3|040|2019
Case No......20......
Sanction of Plan Accorded under Section 315, 316 & 317 of the Bihar Municipal Act 2007 by the Municipal Commissioner, Patna on......
Date 29|10|2021
SANCTION OF PLAN ACCORDED

04/02/22
निदेशक
शहरी योजना
पटना नगर निगम, पटना

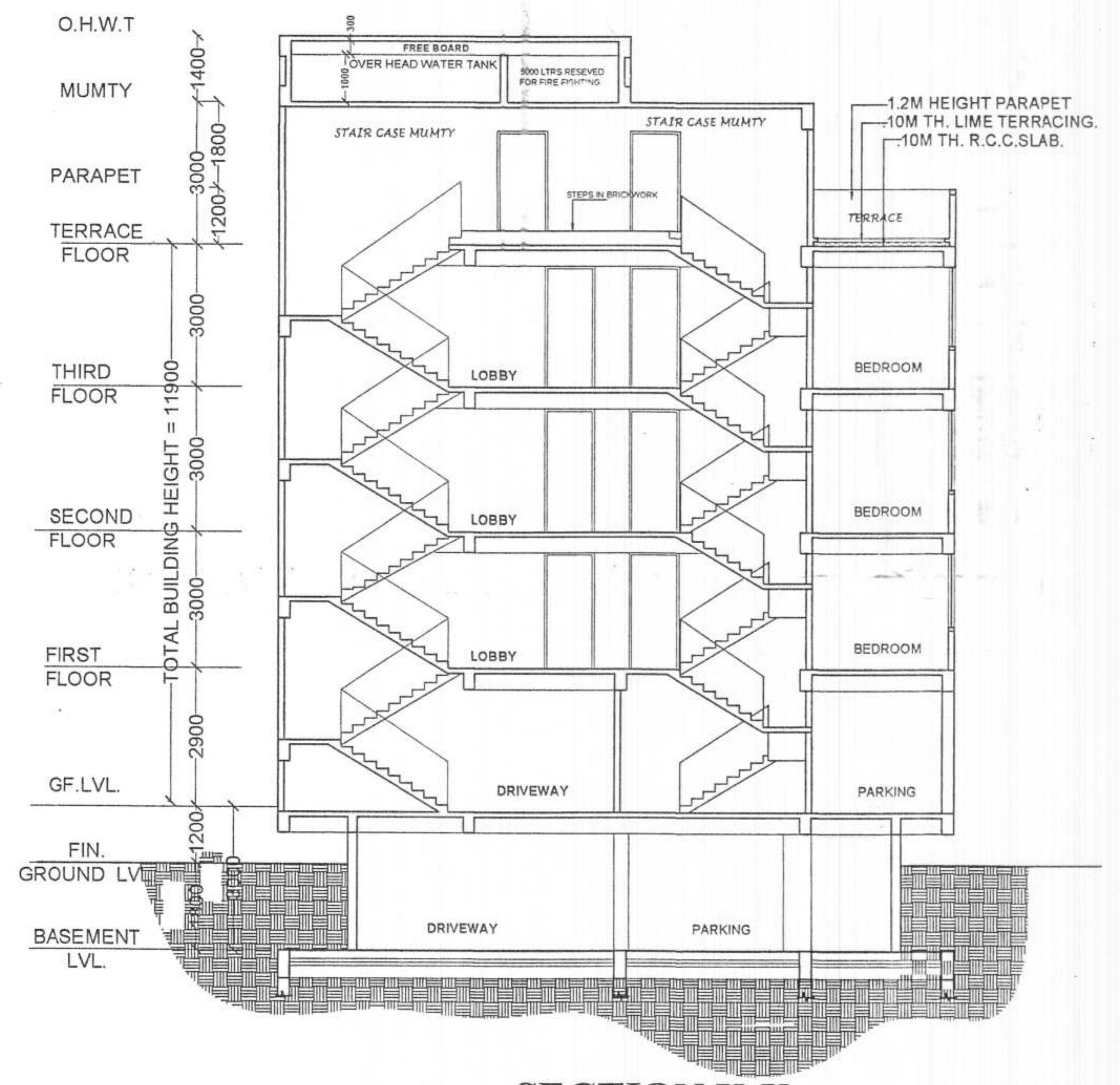
28/01/22
अनिल कुमार
प्रारूपक
शहरी योजना
पटना नगर निगम



TYPICAL 1ST TO 3RD FLOOR PLAN



TERRACE FLOOR PLAN



SECTION X-X

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 वाईलॉज के सुसंगत धाराओं के तहत् कारवाई किया जायेगा।

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[3]	I.S.I MARKED F.E	
[4]	FLUORESCENT SIGN.	EXIT
[5]	SEAMAC CONNECTION	
[6]	SPRINKLER'S INSTALLATION	SP
[7]	MANUAL CALL ALARM POINT	
[8]	FIRE RESISTANCE STEEL DOOR	---FD---
[9]	AREA COVERED WITH SMOKE DETECTION SYSTEM	ASA
[10]	EMERGENCY LIGHT	
[11]	FIRE ALARM CALL POINT	
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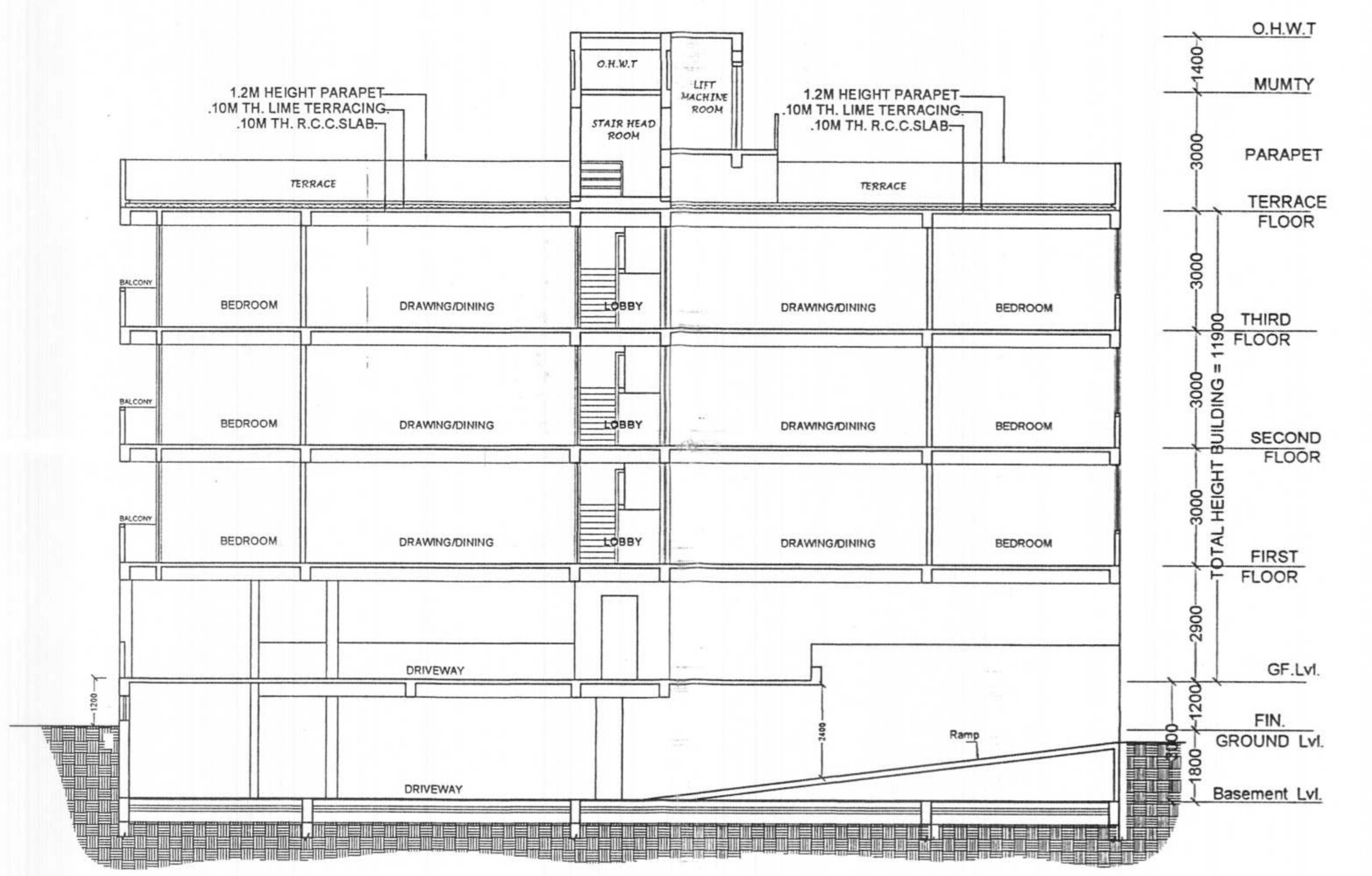
MAUZA - SHEIKHPURA, DISTT - PATNA .

SHEET NO.	SCALE.	NORTH.
S.D -02/02	1 : 100	

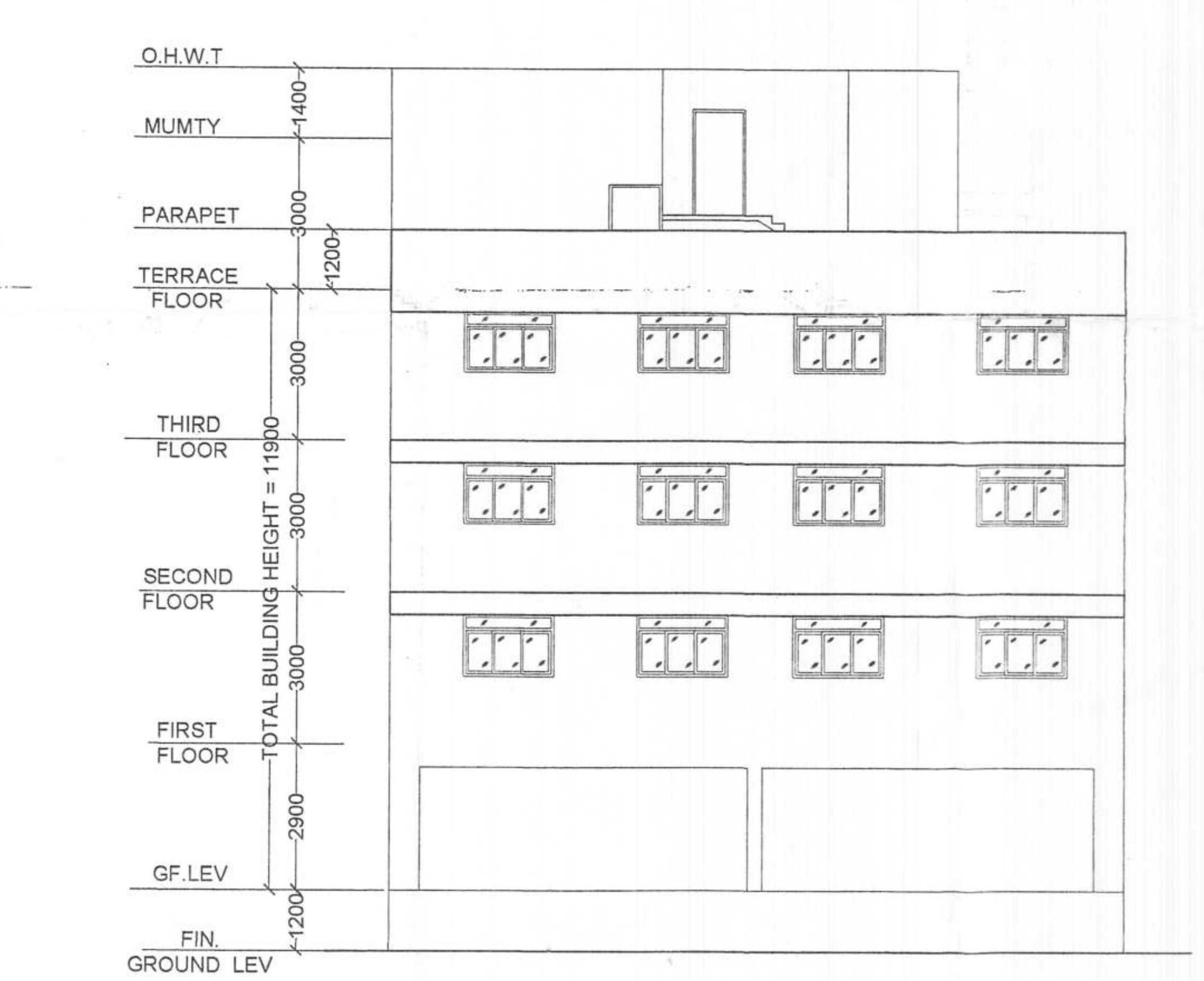
SIGNATURE OF OWNER.

AR. NAVRATNA RAGHUVANSHI
EMP No:- 05/34/2017

SIGNATURE OF ARCHITECT./ ENGINEER.



SECTION Y-Y



FRONT ELEVATION

LEFT SIDE ELEVATION

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PATNA MUNICIPAL CORPORATION
PATNA REGIONAL DEVELOPMENT AUTHORITY (DISSOLVED)
P|SHAIKHPURA|PRN-1B+G+3|040|2019
Case No..............................20..........
Sanction of Plan Accorded under Section 315, 316 & 317 of the Bihar Municipal Act 2007
by the Municipal Commissioner, Patna on..........
Date...29|10|2021

SANCTION OF PLAN ACCORDED

09/02/22
निदेशक
शहरी योजना
पटना नगर निगम, पटना
29.01.22

28/01/22