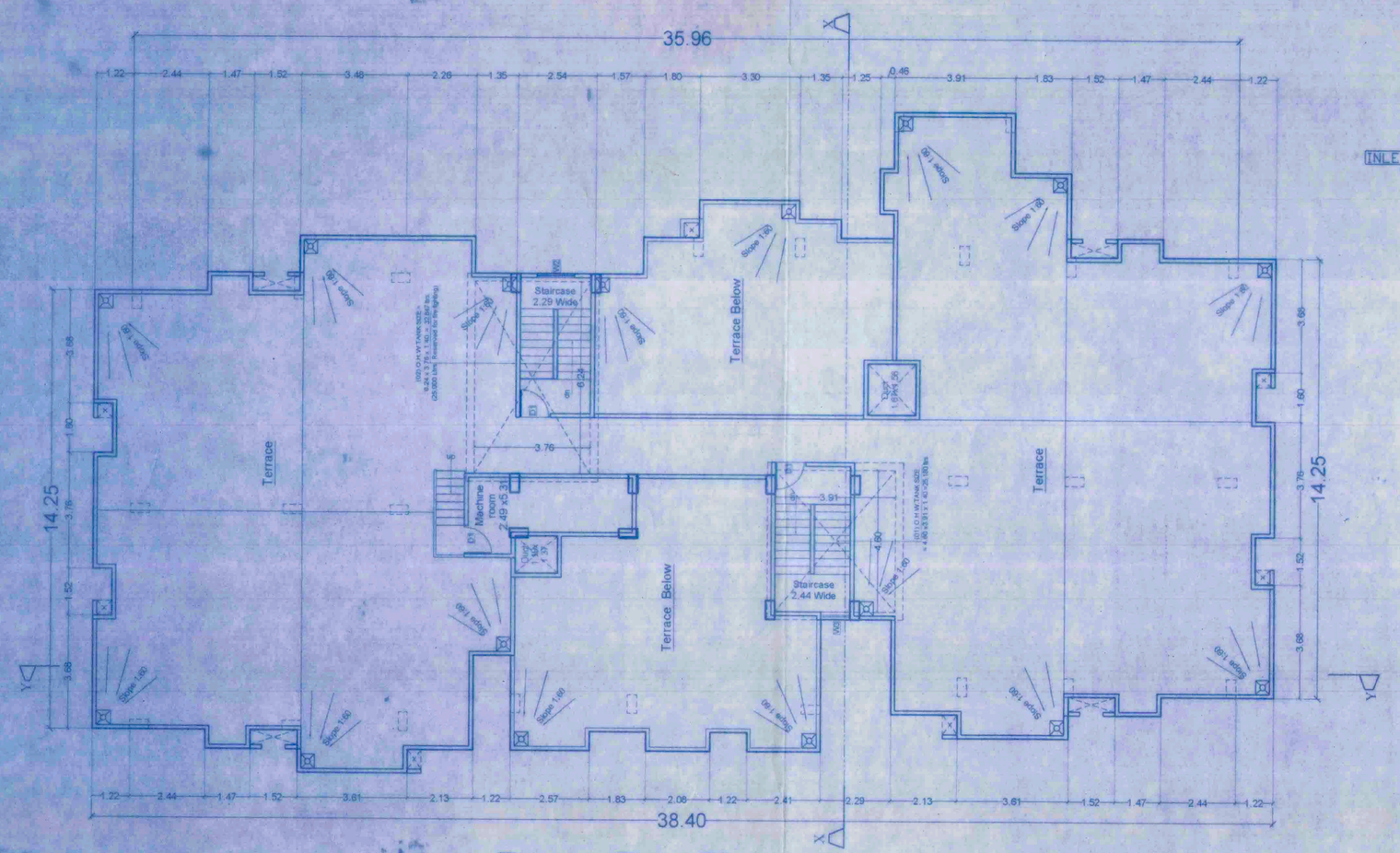
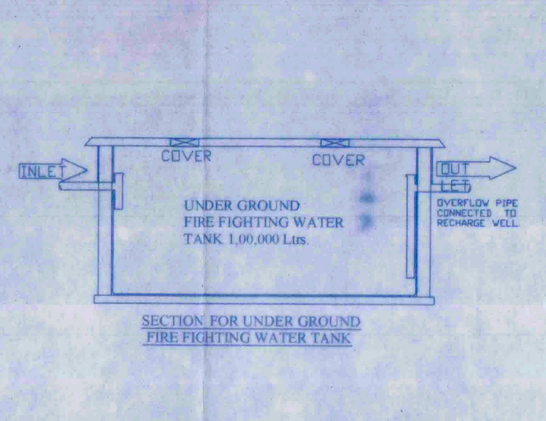
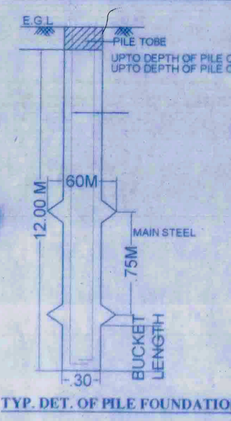


Terrace Floor Plan

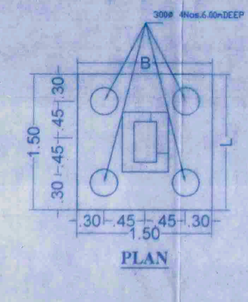
NORTH



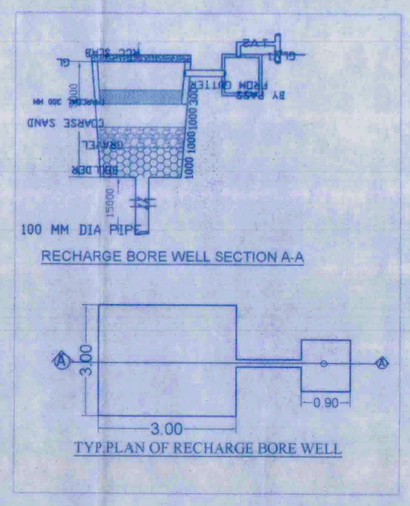
SECTION FOR UNDER GROUND FIRE FIGHTING WATER TANK



TYP. DET. OF PILE FOUNDATION.

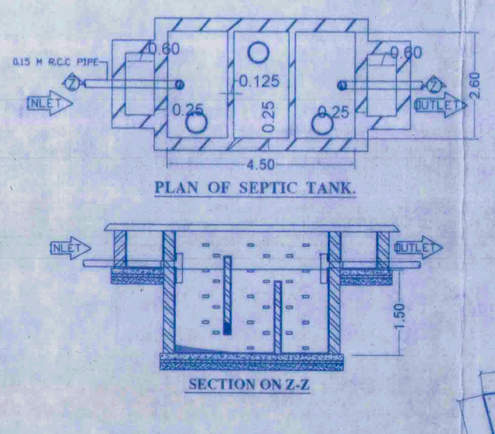


PLAN



RECHARGE BORE WELL SECTION A-A

TYP.PLAN OF RECHARGE BORE WELL



PLAN OF SEPTIC TANK.

SECTION ON Z-Z

FIRE LEGEND :-

01.HYDRANT OUT LET VALVE WET
02.HOSE REEL
03.SEMAC CONNECTED FOR FIRE BRIGADECONNECTED TO WET RISER
04.ELECTRICALLY INSULATED METAL STRIP
05.UNDER GROUND TANK OF1,00,000 Ltrs 1,00,000 Ltrs
06.O.H.W.TANK FOR FIRE FIGHTING 25,000 Ltrs.
06.FIRE ALARM CALL POINT
09.AUDIABLE ALARM CALL POINT
10.LOUDSPEAKER OUTLET
11.CO2 FIRE EXTINGUISHER
12.FIRE RESISTANT DOOR
13.AUTOMATIC SMOKE DETECTOR
14.AUTOMATIC SPRINKLER
15.EMERGENCY LIGHT POINT

WATER HARVESTING SUMP CALCULATION :-

TERRACE FLOOR AREA =605.69 sqm.
RAIN WATER HARVESTING SUMP REQ. 6 CUM FOR EVERY 100 SQM. TERRACE AREA, SO TOTAL REQ. CAPACITY OF SUMP =6.05 x 6 = 36.36 CUM.
PROVIDED TANK SIZE =3.00x3.00x5.00 =45.00 cum.
(PROVIDED)

SEPTIC TANK CALCULATION :-

TOTAL NO. OF FLAT = 40 nos.
EACH FLAT HAVING 5 PERSON
SO TOTAL NO OF PERSON = 40 x 5 = 200 PERSON
PER PERSON NEED 0.085 CUM. CAPACITY OF SEPTIC TANK PER DAY SO TOTAL REQ. CAPACITY OF SEPTIC TANK = 200X0.085 = 17.00 CUM.&
(REQUIRED)

PROVIDED SEPTIC TANK 1 NOS
SIZE = 4.50 X 2.60 X1.50 = 17.55 CUM.
(PROVIDED)

WATER TANK CALCULATION :-

TOTAL NO. OF FLAT = 40 nos.
EACH FLAT HAVING 5 PERSON
SO TOTAL NO OF PERSON = 40 x 5 = 200 PERSON
PER PERSON NEED 135 Ltrs PER DAY

TOTAL PERSON NEED = 200 x135 = 27,000 Ltrs.
EXTRA TAKE FOR FIRE FIGHTING = 25,000 Ltrs.
TOTAL WATER TANK REQUIRED = 52,000 Ltrs.
(REQ.)

PROVIDED WATER TANK 2 NOS.SIZ
(1.)4.60 X 3.91 X 1.40 = 25,180 Ltrs.
(2.)6.24X3.76X1.40 = 32,847 Ltrs.
TOTAL = 58,027 Ltrs.
(PROVIDED)

GREEN SPACE CALCULATION :-

TOTAL NET PLOT AREA =1524.48 sqm.
GREEN AREA REQUIRED @10% OF TOTAL PLOT AREA =152.44 Sqm.
(REQ.)

PROVIDED GREEN SPACE AREA=164.44 sqm.
(PROVIDED)

SCHEDULE OF DOORS & WINDOWS 01/02

TYPE	WIDTH	HEIGHT	SILL	LINTEL	DESCRIPTION
D	1.07	2.13	0.0	2.13	Single Leaf Door
D1	0.91	2.13	0.0	2.13	Single Leaf Door
D2	0.76	2.13	0.0	2.13	Single Leaf Door
W1	1.52	1.63	0.91	2.54	Glazed window
W2	1.22	1.63	0.91	2.54	Glazed window
W3	0.91	1.63	0.91	2.54	Glazed window
W4	0.91	1.47	1.07	2.54	Glazed window
DW	1.07X1.52	2.54X1.63	0.0X0.91	2.54	Glazed window
DW1	0.76X0.84	2.54X1.63	0.0X0.91	2.54	Glazed window
DW2	0.76X0.48	2.54X1.63	0.0X0.91	2.54	Glazed window
V	0.61	0.61	1.52	2.13	Ventilator
V1	1.83	0.61			Ventilator
LD	As/Lift Company				Lift door

AREA CALCULATION :-

TOTAL PLOT AREA AS/ DEED = 1524.484 sqm.
TOTAL PLOT AREA AS/ SITE = 1524.484 sqm.

	B/U Area
Basement Floor B/U Area	18.51 sqm.
Ground Floor B/U Area	23.93 sqm.
First Floor B/U Area	551.10 sqm.
Second Floor B/U Area	551.10 sqm.
Third Floor B/U Area	551.10 sqm.
Fourth Floor B/U Area	551.10 sqm.
Fifth Floor B/U Area	551.10 sqm.
SIX Floor B/U Area	551.10 sqm.
Saventh Floor B/U Area	467.29 sqm.
Total Area	3,816.33 sqm

F.A.R = 3,816.33 / 1524.48 = 2.50

PARKING CALCULATION :-

TOTAL B/U AREA =3816.33 sqm.
15% DEDUCT FOR SERVICE AREA-(3816.33-572.44)=3243.89 Sqm.
PARKING AREA REQ @ 25% OF NET B/U AREA.
SO PARKING AREA REQ = 3243.89 x 25% =810.97 sqm.
(required)

PROVIDED BASEMENT FLOOR PARKING AREA=535.10 sqm.
PROVIDED GROUND FLOOR PARKING AREA = 420.15 sqm.
TOTAL PARKING AREA = 975.25 sqm.
(provided)

PLOT DETAIL :-

PROPOSED RESIDENTIAL BUILDING OF SRI RAMASHANKAR SINHA & OTHERS ON PLOT NO. 63, 69 & 70 THANA NO.-35 TAUZI NO.-5059 KHATA NO.-50,58,75 AT MAUZA-BABAKKARPUR THANA-DANAPUR DIST.-PATNA

DEVELOPERS
AADHVIK HOMES

SCALE	NORTH
1 : 100 1 : 200	

SIGN OF EMPANELED STR. ENGINEER

Reg. Architec.
S.K. Anandkar
03/ARCH/18/N.P.DN
CA/2003/30588

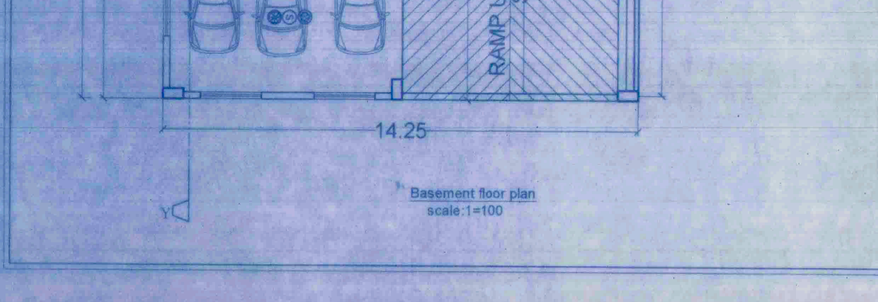
SIGNATURE OF BUILDER / DEVELOPER

SIGN OF EMPANELED ARCHITECT

Building Plan No. 27/23-24
निम्नांकित शर्तों के साथ संलग्नित नक्शा/आरेखण की अनुज्ञप्ति के आधार पर भवन निर्माण की स्वीकृति दी जाती है।
सरकारी या किसी दूसरे के जमीन का अतिक्रमण नहीं करना होगा तथा धरा एवं एक्ट का पालन करना होगा। बिहार भवन उपविधि 2014 के अनुसार ... भवन निर्माण ... होगा। भवन भूकम्परोधी ... तथा ... भवन से सरकारी नाला ... होगी। ... खर्च से नाली निर्माण ... बरसाती पानी नाली ... व्यवस्था करना होगा। भवन भू... ... निर्माण ... भवन मानचित्र ... ... खरीदे किए गये बगीचा ... भवन मानचित्र की स्वीकृति ... ... लिए मान्य होगी। भवन ... Completion Certificate/Occupancy Certificate लेना अनिवार्य होगा।

27/03/23
A. E.
Nagar Parishad Danapur Nizamat

27/05/2023
J. E.
Nagar Parishad Danapur Nizamat



Basement floor plan
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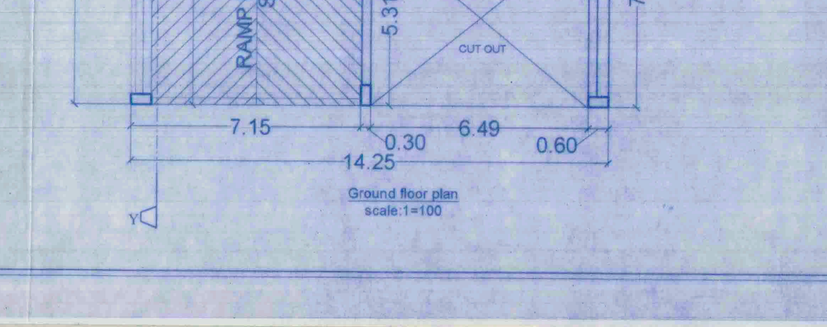

Ground floor plan
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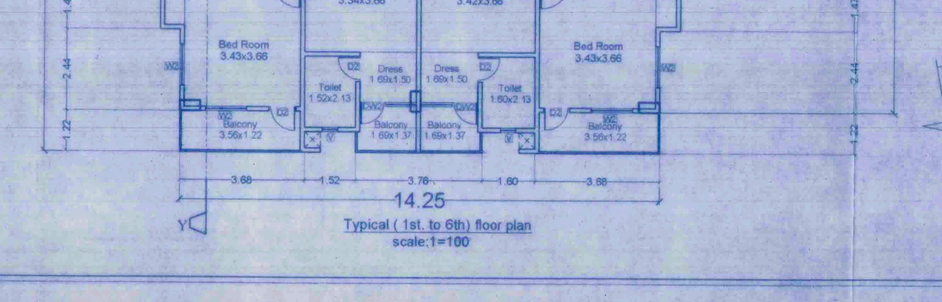
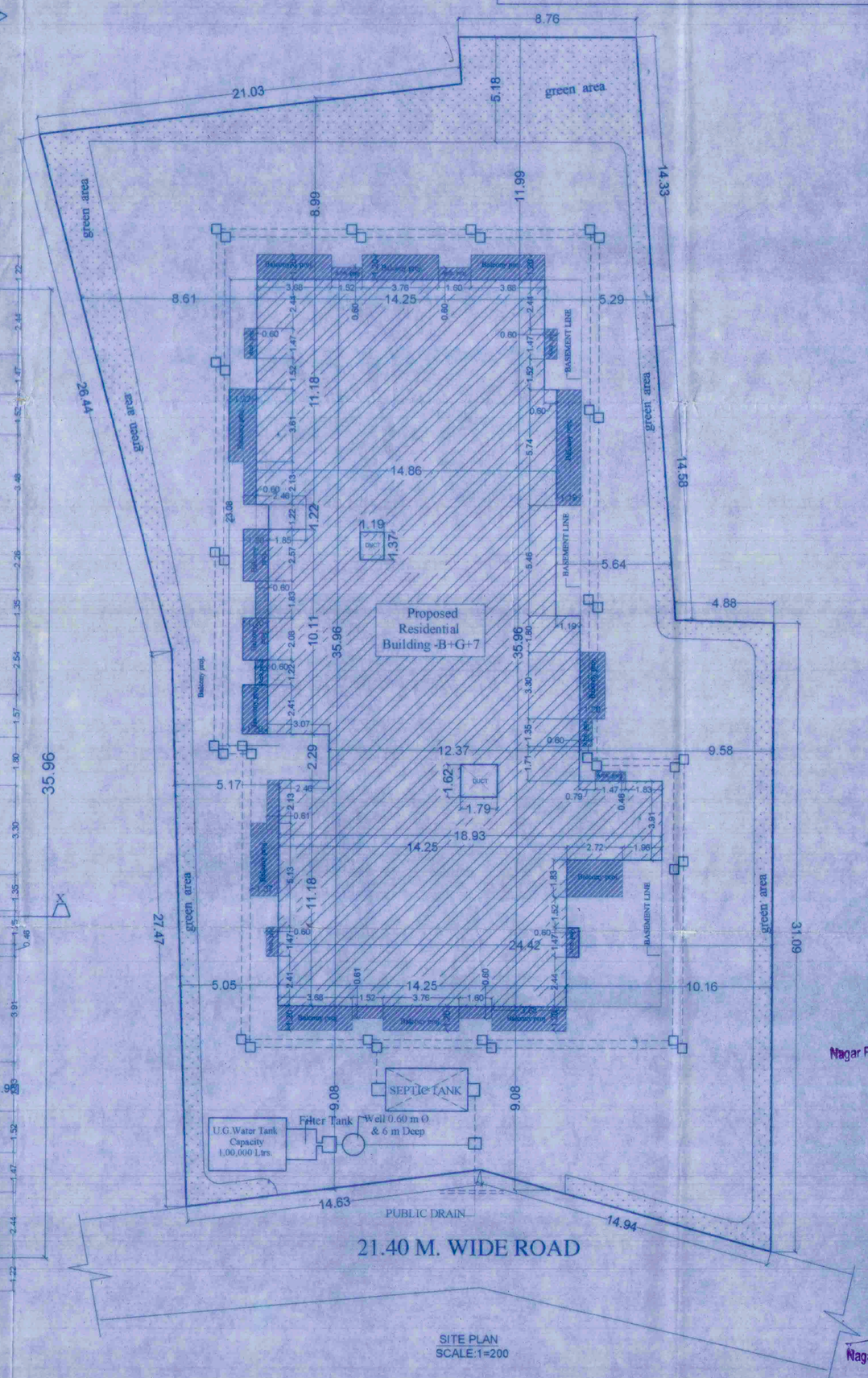


Typical (1st. to 6th) floor plan
scale:1=100



SITE PLAN
SCALE:1=200