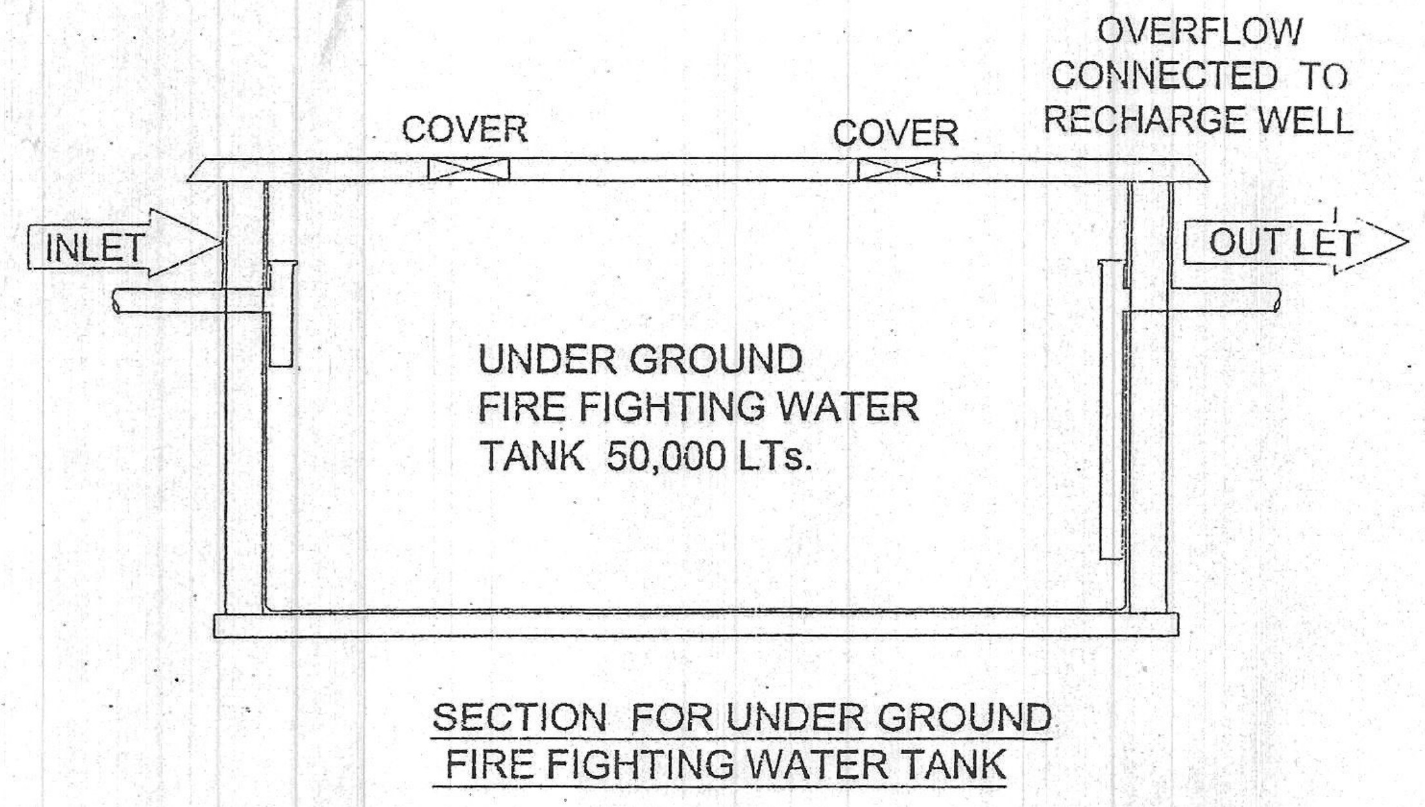
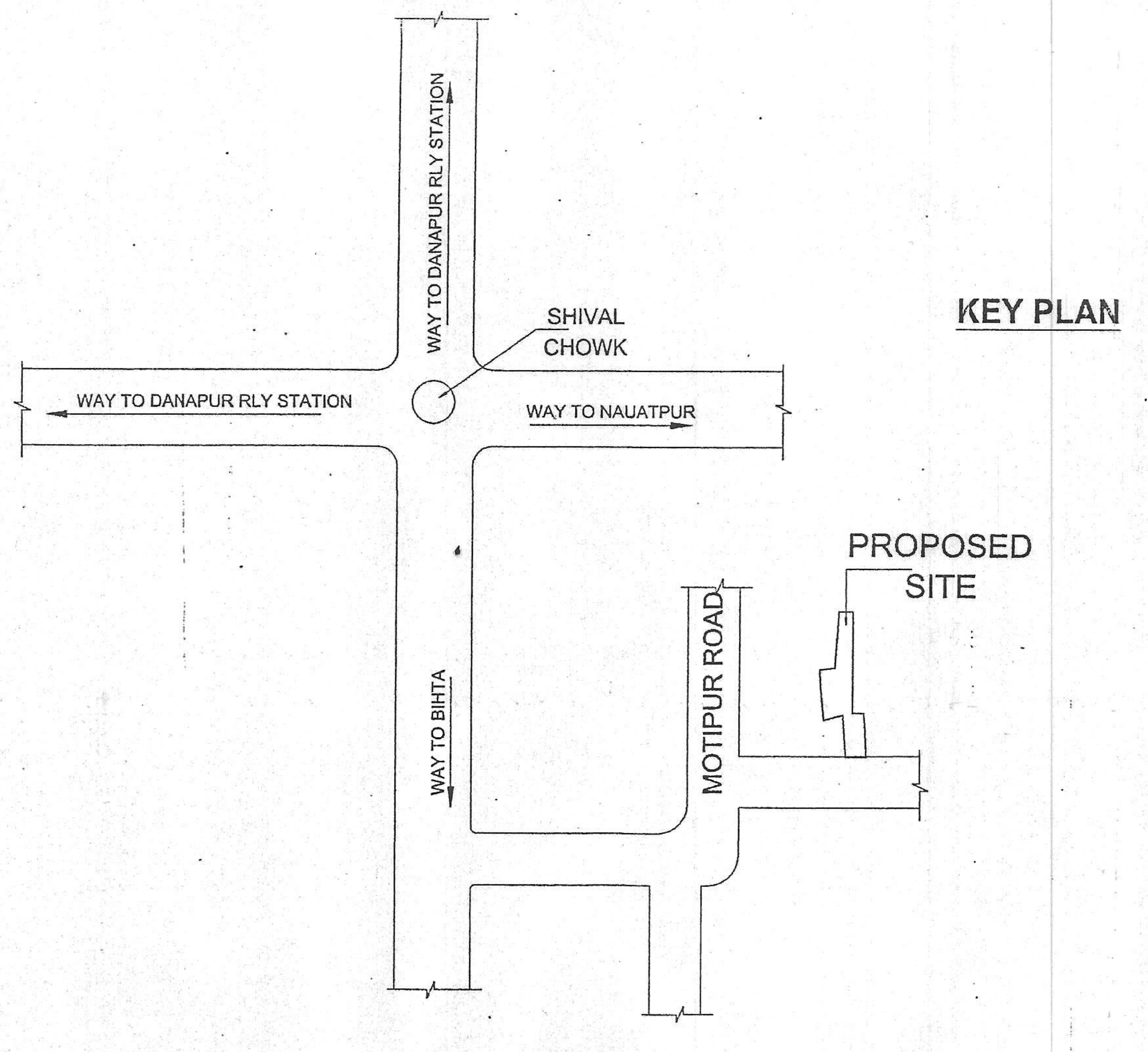
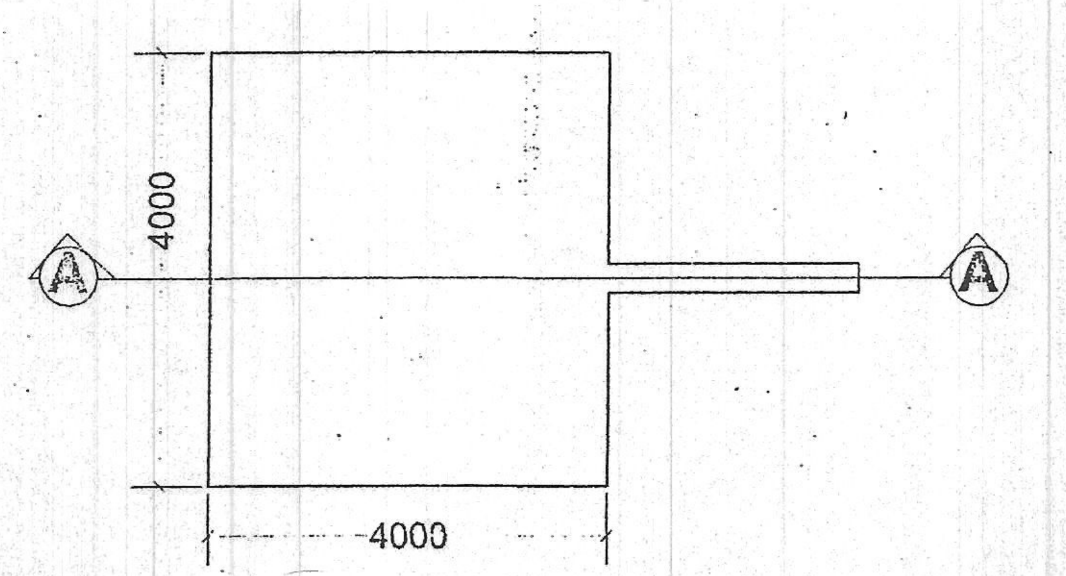


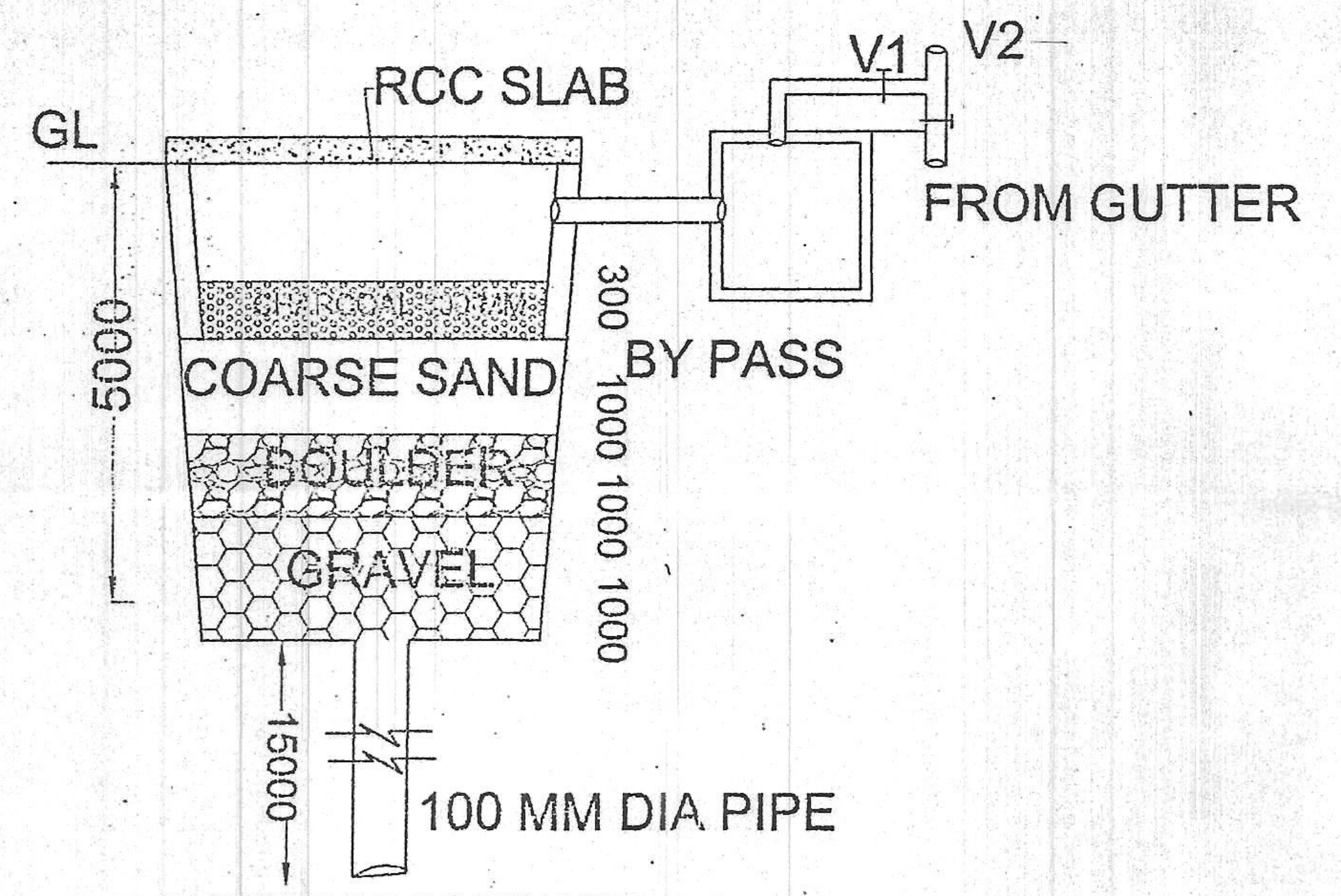
SECTION FOR UNDER GROUND FIRE FIGHTING WATER TANK



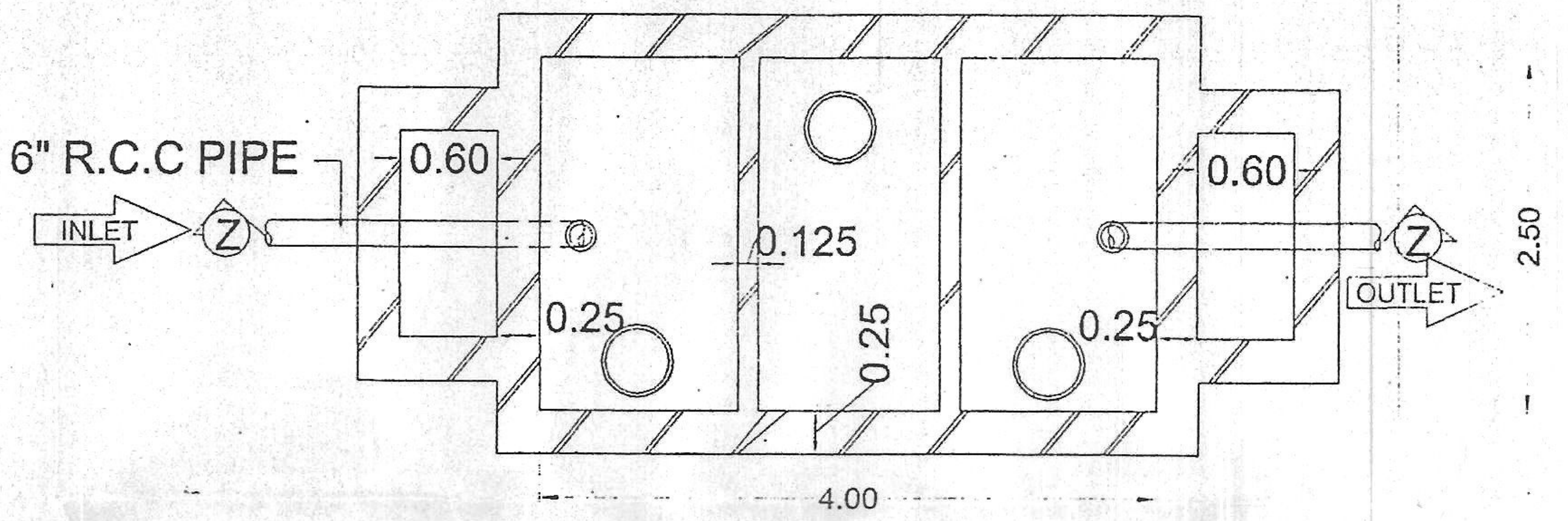
Location plan
scale :NTS



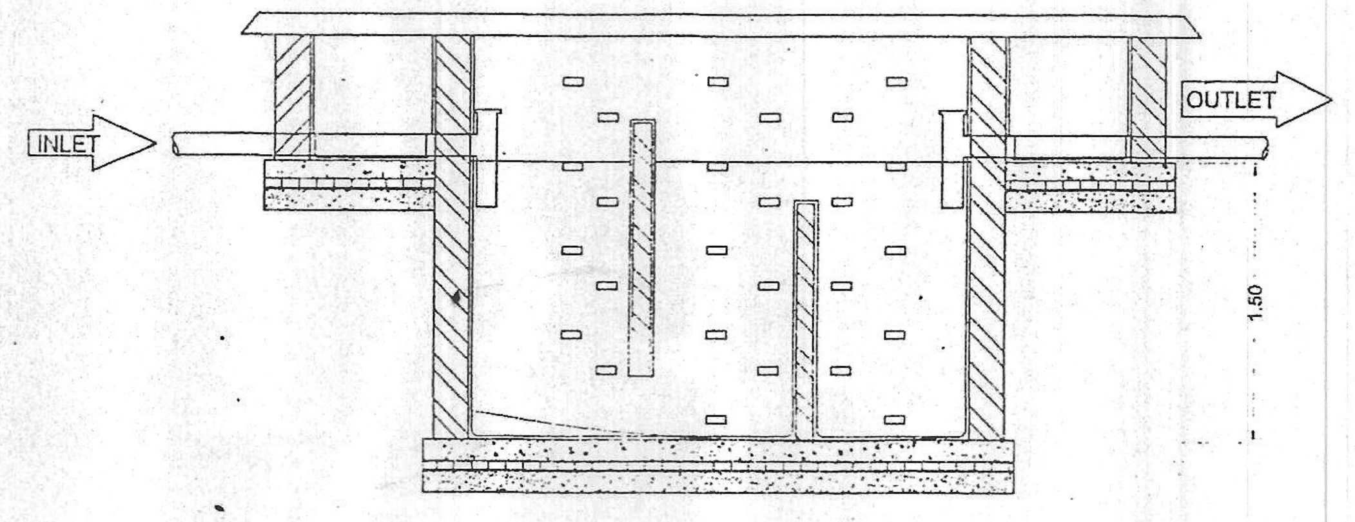
TYP.PLAN OF RECHARGE BORE WELL



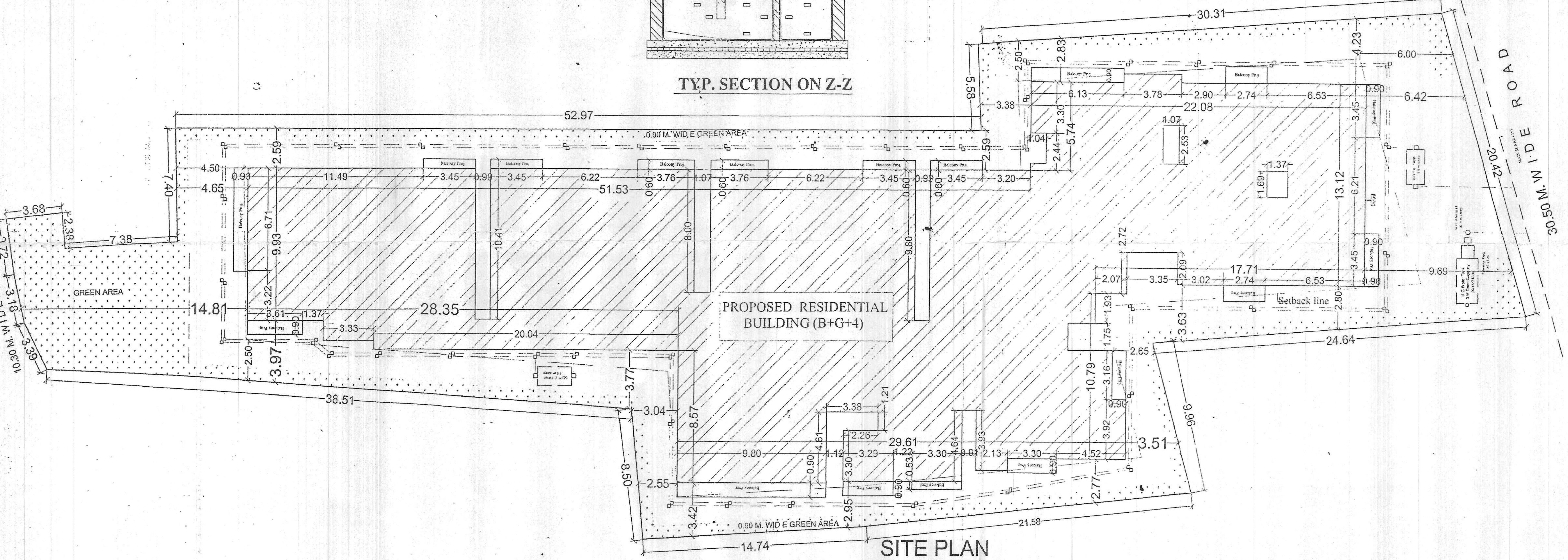
RECHARGE BORE WELL
SECTION A-A



TYP.PLAN OF SEPTIC TANK.



TYP. SECTION ON Z-Z



SITE PLAN
SCALE-1:200

RAIN WATER HARVESTING SYSTEM

TOTAL TERRACE FLOOR ROOF AREA = 1190.18 SQM
REQUIRED@ 06 CUM FOR EVERY 100.00 SQM. OF
ROOF AREA . SO REQUIRED AREA = 11.90X6=71.41 CUM.
PROVIDED AREA =(4X4X5)= 80.00 CUM.

GREEN SPACE AREA CALCULATION :-

TOTAL NET PLOT AREA = 1990.34 SQM
GREEN AREA REQUIRED@ 10% OF TOTAL PLOT AREA= 199.03 SQM
SIDE SETBACK (BOTH SIDE)
& REAR SET BACK = 210.15 SQM.
(PROVIDED)

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 OF 50,000 Ltrs	50,000 Ltrs
06.O.H.W.TANK FOR FIRE FIGHTING	10,000 Ltrs.
08.FIRE ALARM CALL POINT	◎
09.AUDIABLE ALARM CALL POINT	
10.LOUDSPEAKER OUTLET	
11.CO2 FIRE EXTINGUISHER	→ CO2/DCP
12.FIRE RESISTANT DOOR	F.D
13.AUTOMATIC SMOKE DETECTOR	A^S A
14.AUTOMATIC SPRINKLER	Ⓢ
15.EMERGENCY LIGHT POINT	⊙

PARKING CALCULATION :-

TOTAL B/U AREA = 5,166.66 SQM.
PARKING AREA REQ. @ 25% OF B/U AREA,
SO TOTAL PARKING AREA REQ. = 5166.66 X 25% =1291.66 sqm.
(REQUIRED)

TOTAL PROVIDED BASEMENT PARKING AREA	=1108.35 SQM.
TOTAL PROVIDED GROUND PARKING AREA	=298.66 SQM.
TOTAL PARKING AREA	=1407.01 SQM.

(PROVIDED)

WATER TANK CALCULATION :-

TOATL NO. OF FLAT = 61 nos.
EACH FLAT HAVING 5 PERSON
SO TOTAL NO OF PERSON = 61x5 = 305 PERSON
PER PERSON NEED 135 Ltrs PER DAY
TOTAL PERSON NEED =305 x 135 = 41,175 Ltrs.
& FOR FIRE FIGHTING REQ. 10,000 Ltrs ,
TOTAL REQ. WATER TANK =41,175+10,000 = 51,175.00 Ltrs.
(REQUIRED)

PROVIDED WATER TANK 2 NOS.SIZE
[1]. (5.82x5.42x0.90) = 28.380 LTRS.
[2]. (5.23X6.07X0.90) = 28.020 LTRS.

TOTAL WATER TANK CAPACITY =56,400.00 Ltrs.
(Provided)

SEPTIC TANK CALCULATION :-

TOATL NO. OF FLAT = 61 nos.
EACH FLAT HAVING 5 PERSON
SO TOTAL NO OF PERSON = 61x5 = 305 PERSON
PER PERSON NEED 135 Ltrs PER DAY

PER PERSON NEED 0.085 CUM. CAPACITY OF SEPTIC TANK PER DAY SO TOTAL REQ. CAPACITY OF SEPTIC TANK = 305X0.085 = 25.92 CUM.
(REQUIRED)

PROVIDED SEPTIC TANK SIZE(2 NOS0
= (4.00X2.50X1.50)X2 = 30.00 CUM.
(PROVIDED)

AREA CALCULATION :-

01/04

TOTAL PLOT AREA	= 1990.34 SQM
TOTAL B/U AREA OF BASEMENT	= 18.04 SQM
TOTAL B/U AREA OF GROUND FLOOR	= 740.30 SQM
TOTAL B/U AREA OF 1ST FLOOR	= 1102.08 SQM
TOTAL B/U AREA OF 2ND FLOOR	= 1102.08 SQM
TOTAL B/U AREA OF 3RD FLOOR	= 1102.08 SQM
TOTAL B/U AREA OF 4TH FLOOR	= 1102.08 SQM
TOTAL B/U AREA	= 5,166.66 SQM

F.A.R.-5,166.66/1990.34=2.59

PLOT DETAIL :-

PROPOSED RESIDENTIAL BUILDING
OF (01.) FARAH BANO, W/O-MD.NASIM ANWAR,
(02) MD.ALI HAIDER HASSAN, S/O.-MD. SHAIFUDDIN,
(03) GHOSIA SAIF, D/O.-MD. SHAIFUDDIN,
(04) MD.SAKIB FIROZ, S/O.-FIROZ AHMED,
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(11) MD.HESAM ALIAS IMTYAJ KHAN, S/O.-HABIB HUSAIN,
(12) MD.EJAJUDDIN , S/O.-MD.MOIDUDDIN
ON - S. PLOT NO.-1805(P),1799(P),1056(P),
KHATA NO.-124,153,175,THANA NO.- 44 ,49,
MAUZA-SARARI,BARI KHAGOUL,
THANA-SHAPUR,DIST.-PATNA.

SCALE.	NORTH.
1 : 100 1 : 200	

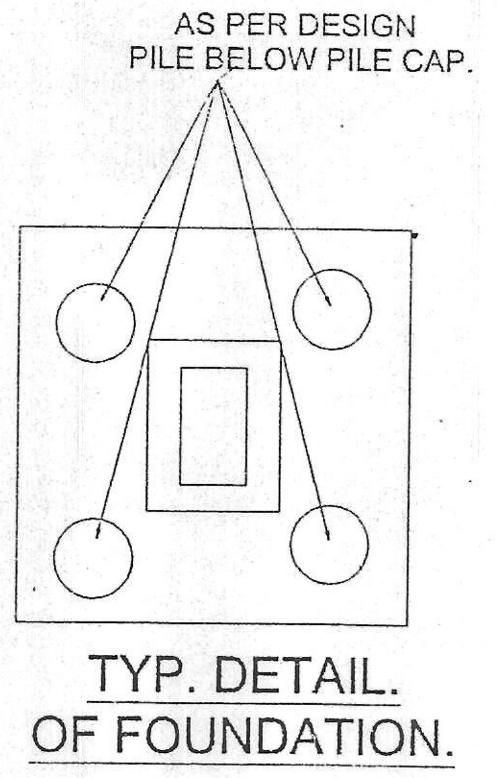
Farah Bano
Sabi Fatma
Md. Saqib
Md Ali Haider Hasan
Ghosia Saif.
मो० शमीम अहमद.
मो० नसीम
शुऐब मो० वसीम
जैसमीन बानो
आफरीन बानो
मो० हेसाम उर्फ इमतियाज खान.
मो० ईजाज उद्दीन

Manoj Kumar
Er. MANOJ KUMAR
(STRUCTURAL ENGINEER
License No.-15/STR
Nagar Parishad

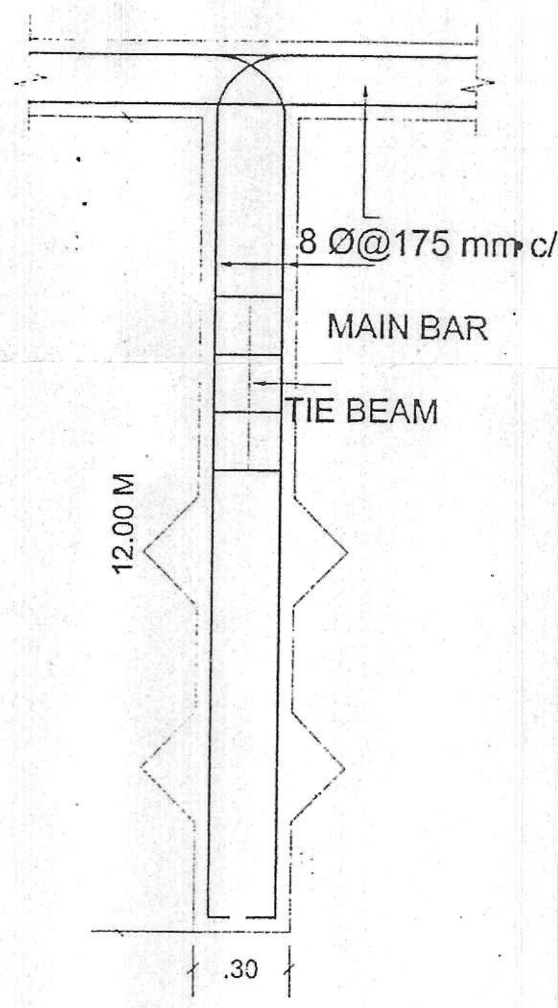
SIGNATURE OF STR. ENGINEER.

Setback Detail :-
BUILDING HT. UP TO 15 M.

FRONT SETBACK = 6.00 M
REAR SETBACK = 4.50.00 M.
SIDE SETBACK = 2.50 M.



TYP. DETAIL. OF FOUNDATION.



TYP. DET. OF PILE FOUNDATION

AR. Umashankar Kumar

SIGNATURE OF OWNER/ BUILDER.

SIGNATURE OF ARCHITECT.

05
2016
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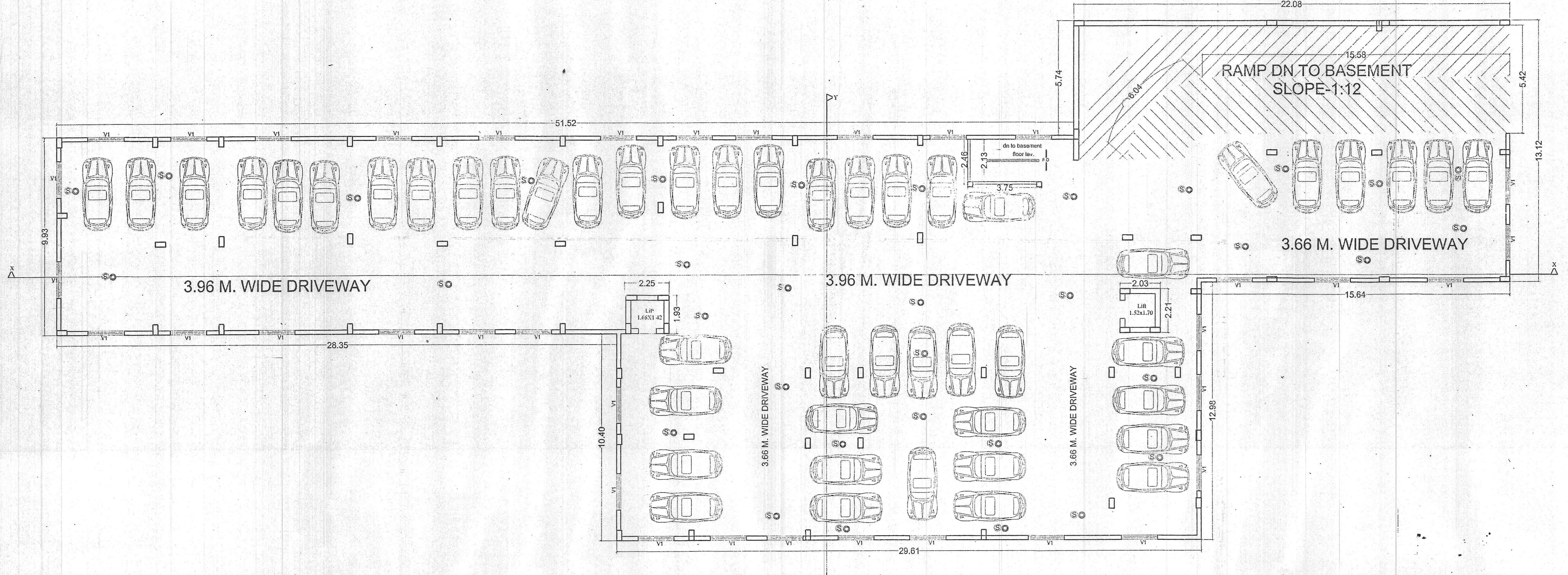
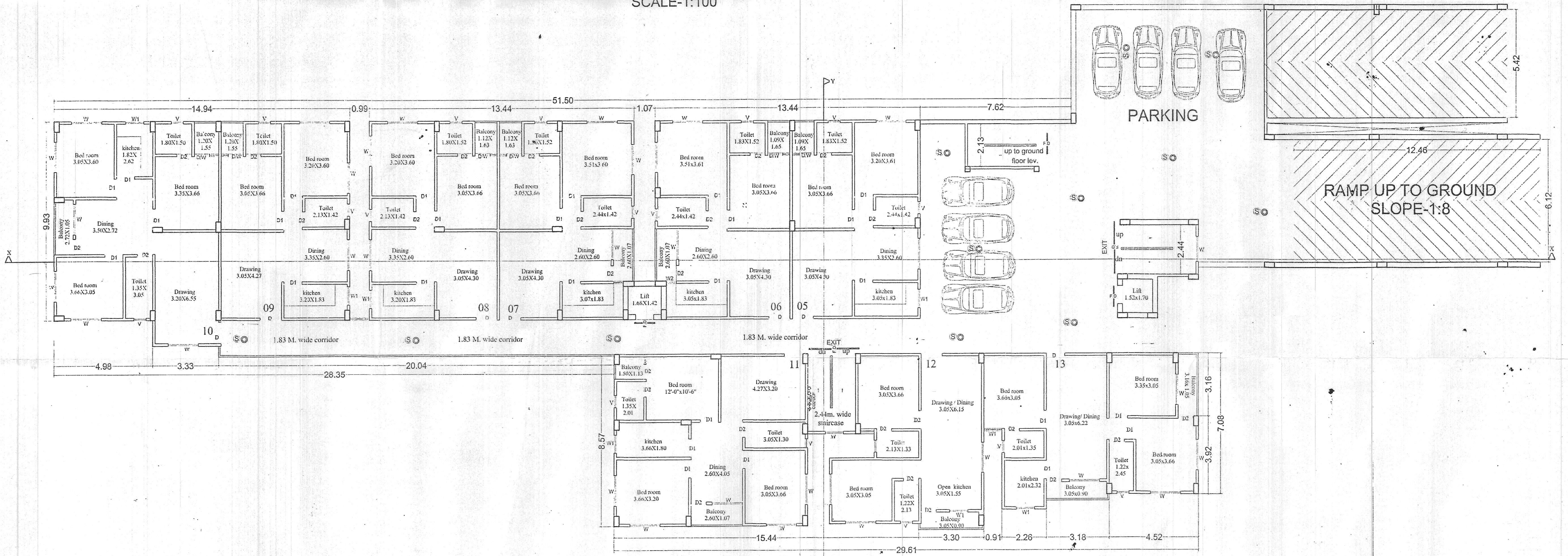
ग्राम पंचायत-सरारी
प्रखण्ड+अनु०-दानापुर

AR. UMASHANKAR KUMAR (Certified Architect)
COA Reg. No.-CA (2011) 54023
ULB Empanelment No. Ar.-19/2015-16
Plan Case No. 05/2016
Date 21/11/2016
Sanction of plan accorded under provision of Sanction 314 of Bihar Municipal Act 2007

For MALKA BUILDERS PVT. LTD.
Durul Hasan
Director



BASEMENT FLOOR PLAN
SCALE-1:100



GROUND FLOOR PLAN
SCALE-1:100

SCHEDULE OF DOORS & WINDOWS

TYPE	WIDTH	HEIGHT	SILL	LINTEL	DESCRIPTION
D	1.07	2.13	0.0	2.13	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
W	1.52	1.78	0.76	2.54	Glazed window
W1	1.37	1.78	0.76	2.54	Glazed window
W2	0.91	1.63	0.91	2.54	Glazed window
W3	1.22	1.78	0.76	2.54	Glazed window
DW	0.76x0.66	2.54x1.78	0.00x0.76	2.54	Door & window
SD	2.13	2.13	0.0	2.13	Sliding door
V	0.61	0.61	1.52	2.13	Ventilator

PLOT DETAIL :-

PROPOSED RESIDENTIAL BUILDING
OF (01.) FARAH BANO, W/O-MD.NASIM ANWAR,
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MAUZA-SARARI,BARI KHAGOUL,
THANA-SHAPUR,DIST.-PATNA.

SCALE.
1 : 100

NORTH.

Farah Bano
Md Saqib
Sabi Fatma
Md. Ali Haider Hasan
Ghosi Saif.
मो० शमीम अहमद
मो० नसीम
शुऐब मो० वसीम
आफरीन बानो
जैसमीन बानो
मो० हेसाम उर्फ इमत्याज खान
मो० ईजाजउद्दीन

SIGNATURE OF OWNER/
BUILDER.

Manojkumar
MANOJ KUMAR
STRUCTURAL ENGINEER
License No.-16/STRE/2016/NPDN
Nagar Parishad Danapur Nizamat

SIGNATURE OF STR.
ENGINEER.

AR. Umashankar Kumar
Registered Architect
Reg. No.-CA/2011/54023

SIGNATURE OF ARCHITECT.

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AR. UMASHANKAR KUMAR (Certified Architect)
COA Reg. No.-CA (2011) 54023
ULB Empanelment No. AX-19/2015-16
Plan Case No. 05/2016
Date 21/11/2016
Sanction of plan accorded under provision of
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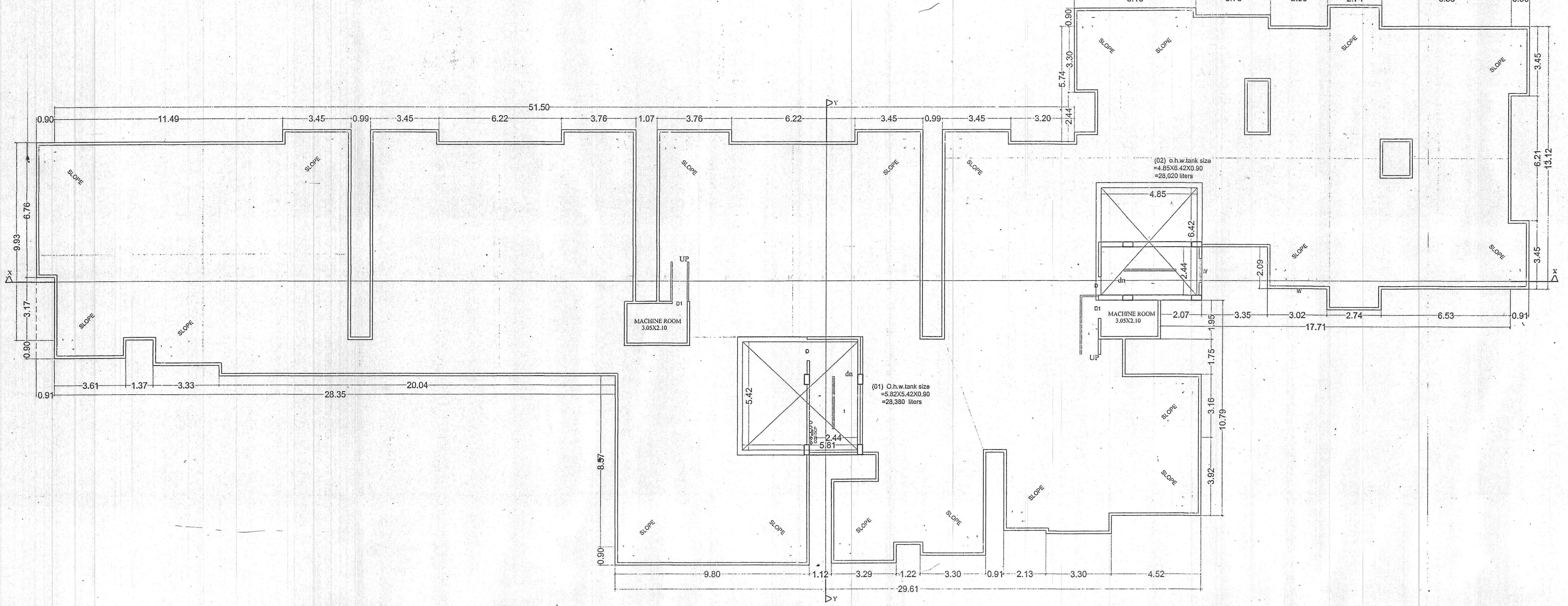
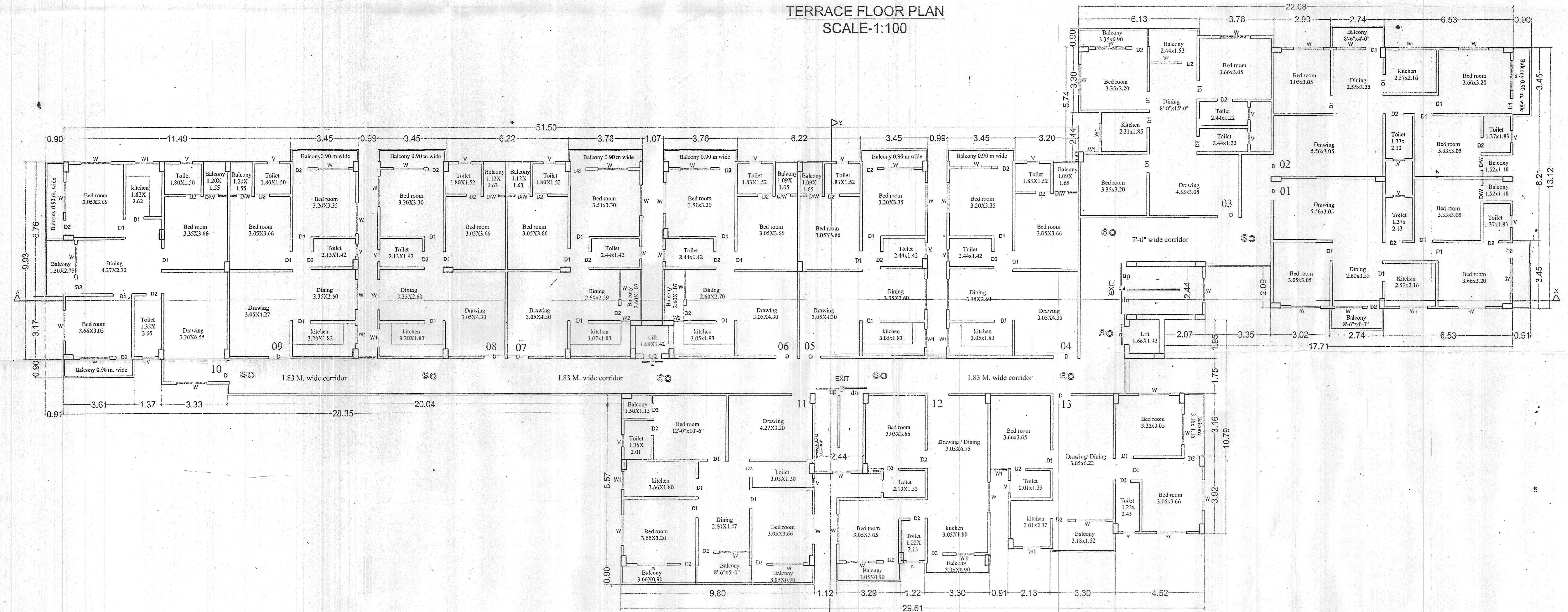
For MALKA BUILDERS PVT. LTD.
Durul Hasan
Director



TERRACE FLOOR PLAN
SCALE-1:100



TYPICAL (1st.to 4th.) FLOOR PLAN
SCALE-1:100

03/04

SCHEDULE OF DOORS & WINDOWS

TYPE	WIDTH	HEIGHT	SILL	LINTEL	DESCRIPTION
D	1.07	2.13	0.0	2.13	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
W	1.52	1.78	0.76	2.54	Glazed window
W1	1.37	1.78	0.76	2.54	Glazed window
W2	0.91	1.63	0.91	2.54	Glazed window
W3	1.22	1.78	0.76	2.54	Glazed window
DW	0.76x0.66	2.54x1.78	0.00x0.76	2.54	Door & window
SD	2.13	2.13	0.0	2.13	Sliding door
V	0.61	0.61	1.52	2.13	Ventilator

PLOT DETAIL :-

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MAUZA-SARARI,BARI KHAGOUL,
THANA-SHAPUR,DIST.-PATNA.

SCALE.
1 : 100

NORTH.

Farah Bano
Sabi Fatma
Md Saqib F

Md. Ali Haidar Hasan
Gosia Saif.
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मो० नसीम
सुऐब मो० वसीम
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आफरीन बानो
मो० हेसाम उर्फ इमत्याज खान
मो० ईजाजउद्दीन

SIGNATURE OF OWNER/ BUILDER.

Manoj Kumar

MANOJ KUMAR
STRUCTURAL ENGINEER
Licence No.-15/STRE/2015/NP D.
Nagar Parishad

SIGNATURE OF STR. ENGINEER.

AR. Umashankar Kumar
Registered Architect
Reg. No. CA/2011/54023

SIGNATURE OF ARCHITECT.

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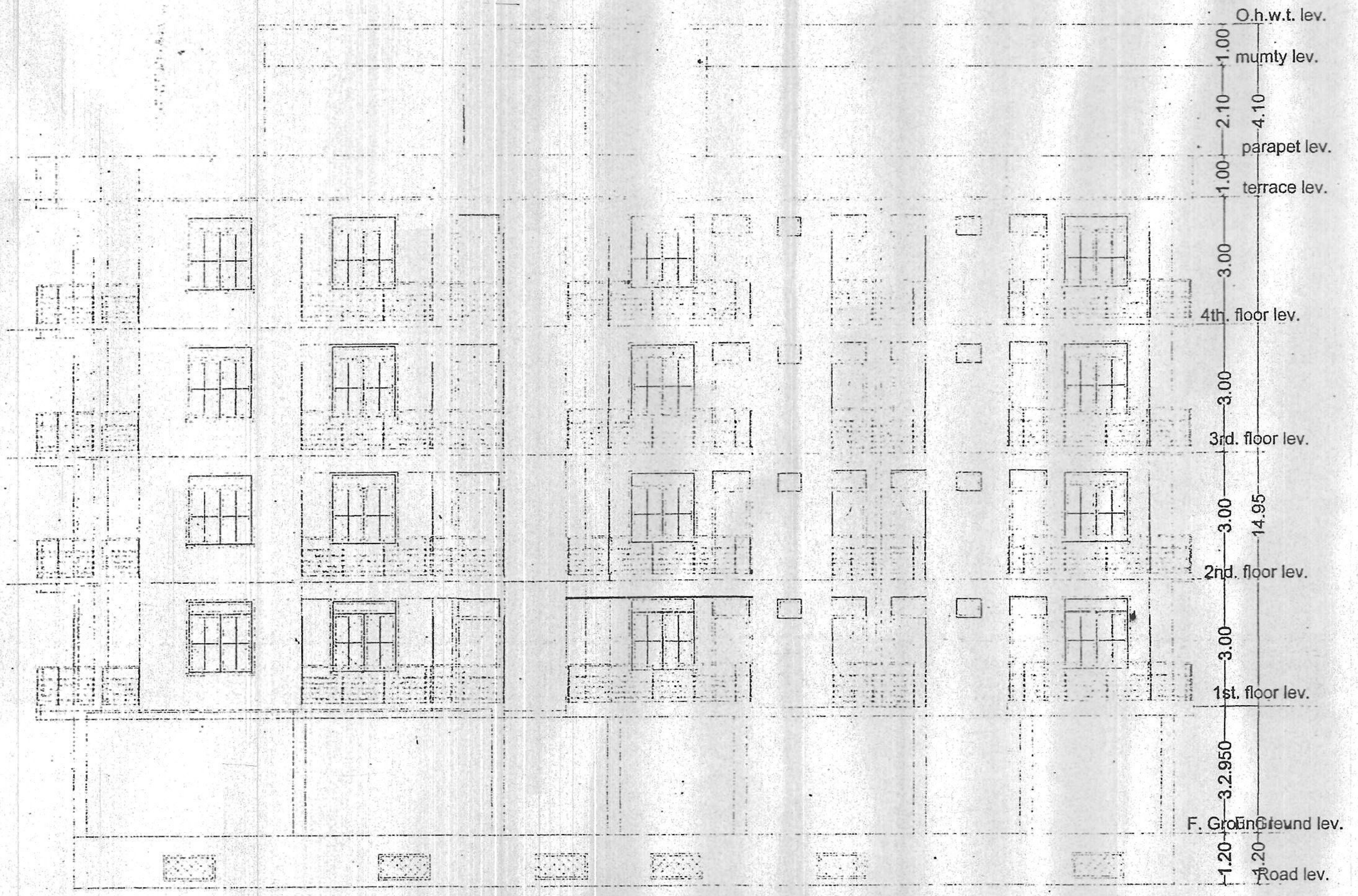
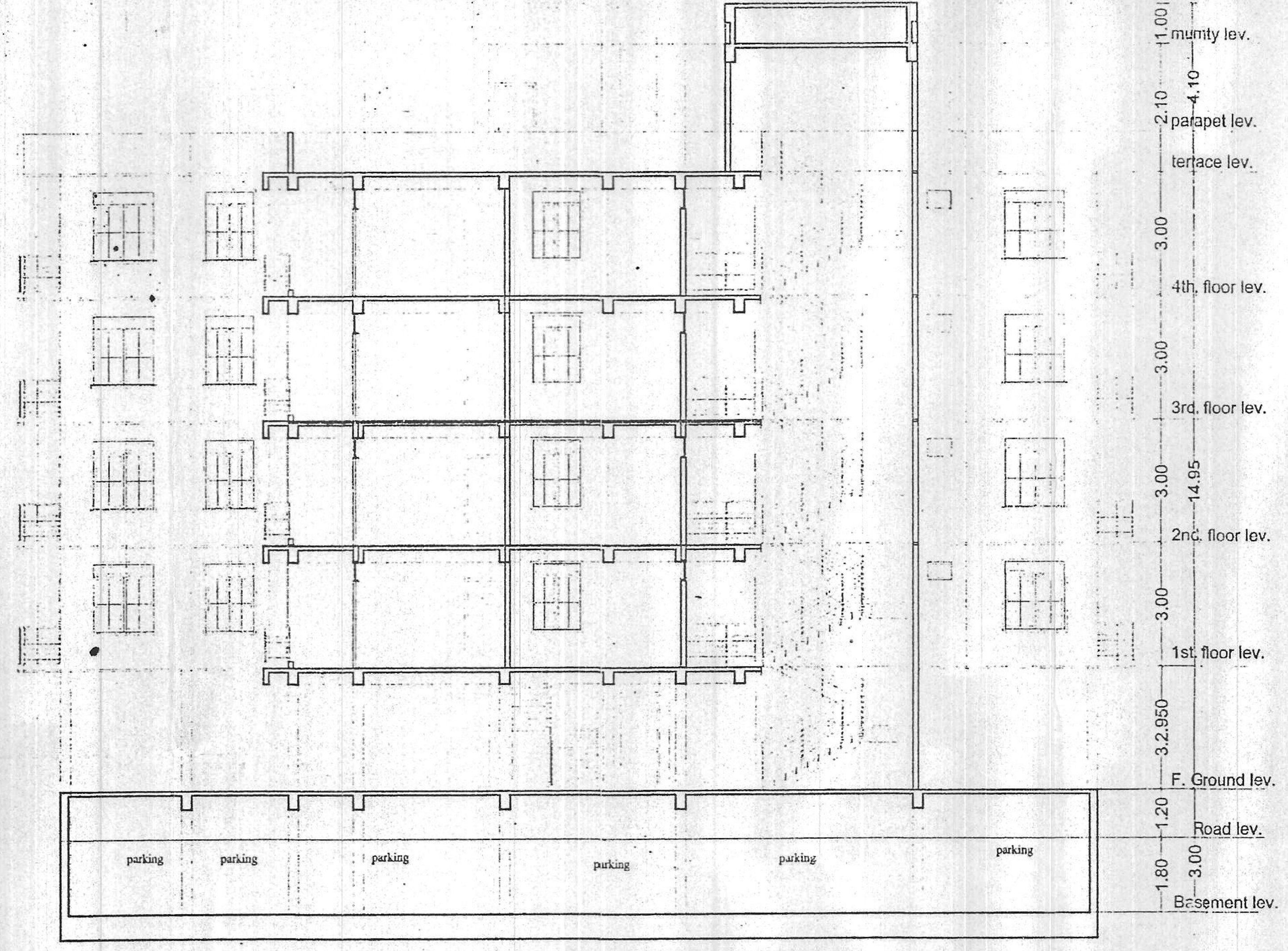
AR. UMASHANKAR KUMAR (Certified Architect)
COA Reg. No.-CA (2011) 54023
ULB Empanelment No. A5-19/2015-16
Plan Case No. 05/2016
Date 21/11/2016
Sanction of plan accorded under provision of Sanction 314 of Bihar Municipal Act 2007

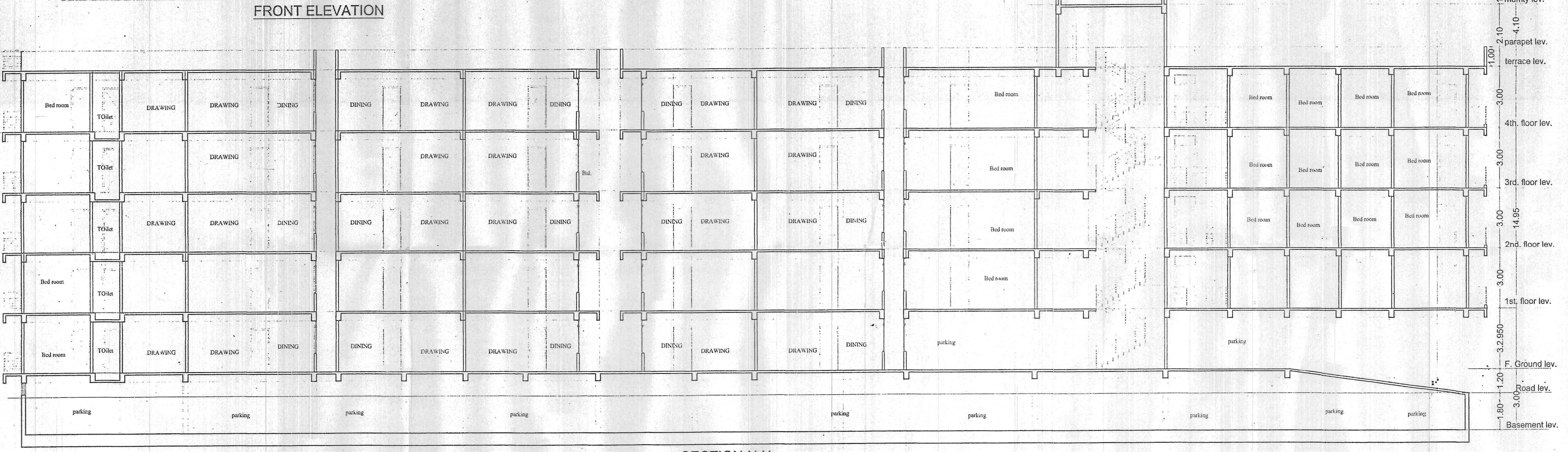
For MALKA BUILDERS PVT. LTD.
Nurul Hasan
Director



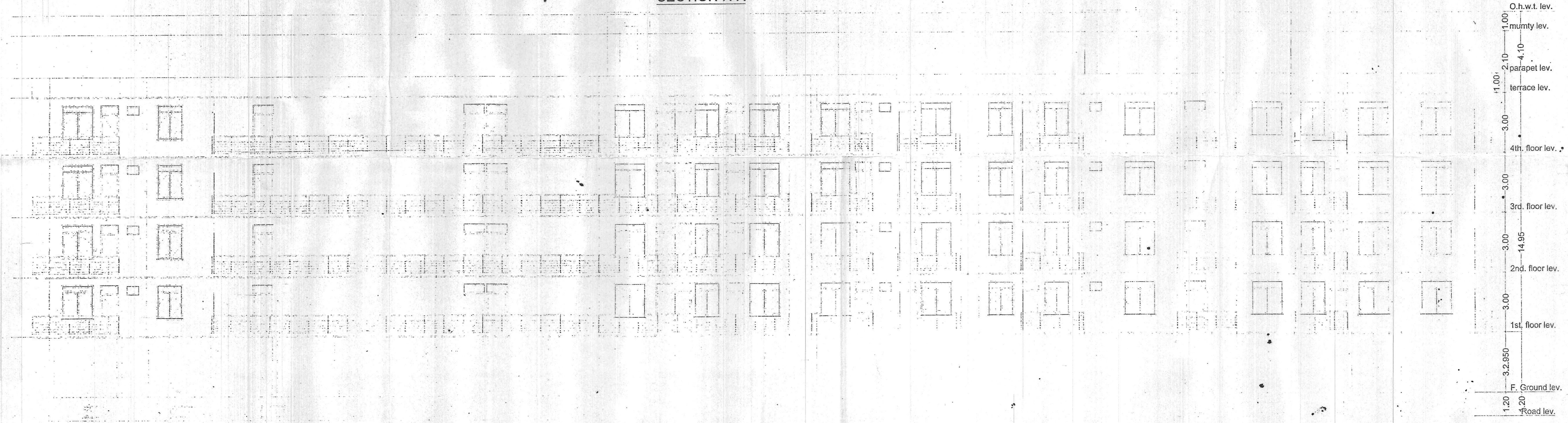
FRONT ELEVATION



SECTION-Y-Y



SECTION-X-X



SIDE ELEVATION

SCHEDULE OF DOORS & WINDOWS

01) FOUNDATION :- R.C.C. PILE FOUNDATION AS/STRUCTURAL DESIGN.
02) SUPER STRUCTURE :- R.C.C. FRAMED STRUCTURE AS/STRUCTURAL DESIGN.
03) BRICKWORK :- 250 TH. & 125 TH 1st CLASS BRICKWORK IN C.M. 1:6 &1:5 AS/DESIGN.
04) FLOORING :- MOSAIC CAST-IN-SITU FLOORING IN GREY CEMENT IN ALL AREA.
05) WALL FINISH :-
    (i) INTERNAL - ALL INTERNAL SURFACE SHALL BE PAINTED WITH CEMENT PRIMER OVER FLOAT FINISH OF P.O.P. SURFACE.
    (ii) EXTERNAL - ALL EXTERNAL SURFACE SHALL BE PAINTED WITH TEXTURE PAINT OVER A SURFACE OF EXTERIOR GRADE PRIMER.
06) DOOR :-
    (i) FRAME - 65X100 TH. SAL WOOD DOOR FRAME.
    (ii) SHUTTER-35MM TH. SOLID CORE FLUSH DOOR OF I.S.I. MARK AS/DESIGN
07) WINDOW:-
    (i) FRAME - 65X100 TH. SAL WOOD/ALUMINIUM WINDOW FRAME.
    (ii) SHUTTER- FULLY GLAZED HARD WOOD/ ALUMINIUM WINDOW SHUTTER AS DESIGN.
08) TOILETS :-
    (i) FLOORING - CERAMIC TILES FLOORING .
    (ii) WALLS - CERAMIC TILES DADO UPTO 1500HT.
    (iii) SANITARYWARE - WHITE GLAZED VITEROUS SANITARYWARE OF I.S.I MARK.
    (iv) FITTING - CHROMIUM PLATED C.P.FITTINGS OF I.S.I MARK.
09) ELECTRICAL :-
    (i) ALL INTERNAL WIRING IN CONCEALED CONDUITS WITH COPPER CONDUCTOR.
    (ii) ALL ELECTRICAL MODULAR SWITC OF I.S.I MARK.
    (iii) ADEQUATE LIGHTING/POWER POINT SOCKETS AS/ DESIGN & DRAWING.
10) WATER SUPPLY :- ROUND THE CLOCK WATER SUPPLY BY MEANS OF OWN BORING OVERHEAD TANK.

PLOT DETAIL :-

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THANA-SHAPUR,DIST.-PATNA.

SCALE.
1 : 100

NORTH.

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Gosia Saif
मो० शमीम अहमद
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मो० हेसाम उर्फ इमत्याज खान
मो० इजाज उद्दीन

SIGNATURE OF OWNER/ BUILDER.

Manojkumar
MANOJ KUMAR
(STRUCTURAL ENGINEER)
License No.-15/STR
Nagar Parishad Danapur

SIGNATURE OF STR. ENGINEER.

AR. Umashankar Kumar
Registered Architect
Reg. No.-CA/2011/54023

SIGNATURE OF ARCHITECT.

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AR. UMASHANKAR KUMAR (Certified Architect)
COA Reg. No.-CA (2011) 54023
ULB Empanelment No. Aa-13/2015-16
Plan Case No. 05/2016
Date 21/11/2016
Sanction of plan accorded under provision of Sanction 314 of Bihar Municipal Act 2007

For MALKA BUILDERS PVT. LTD.
Durul Hasan
Director