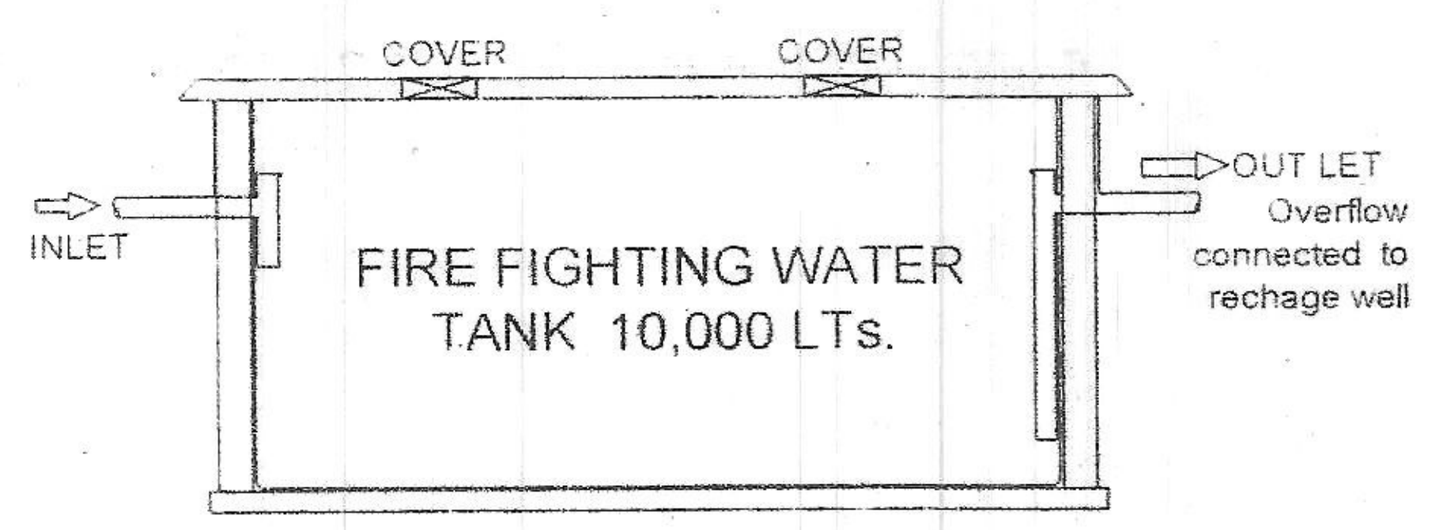
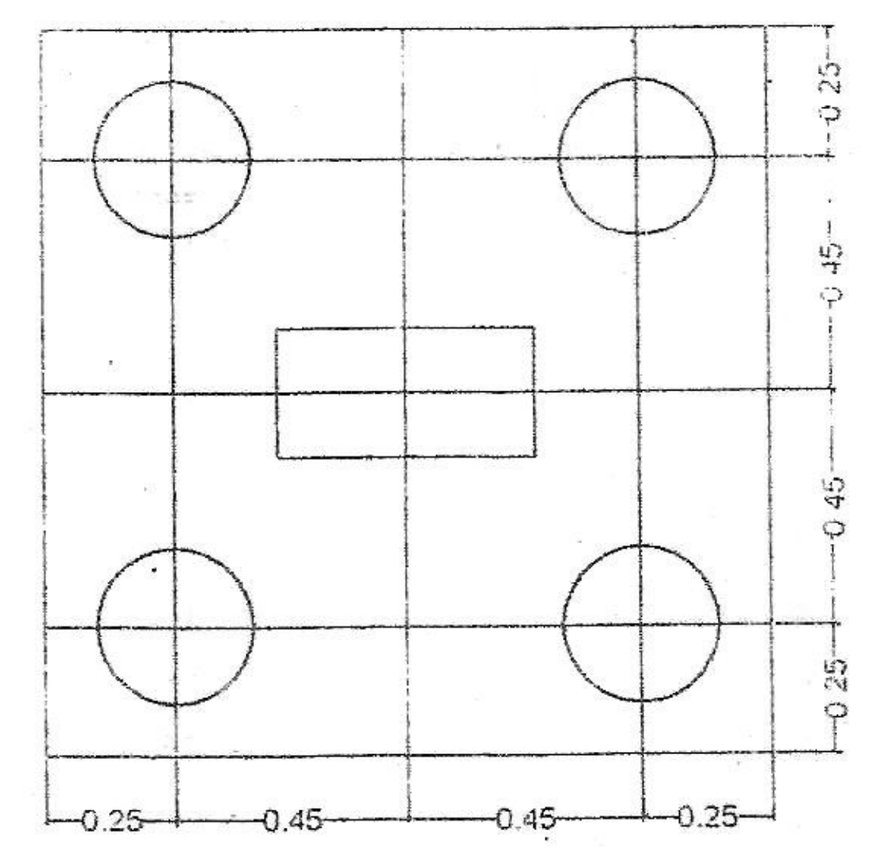
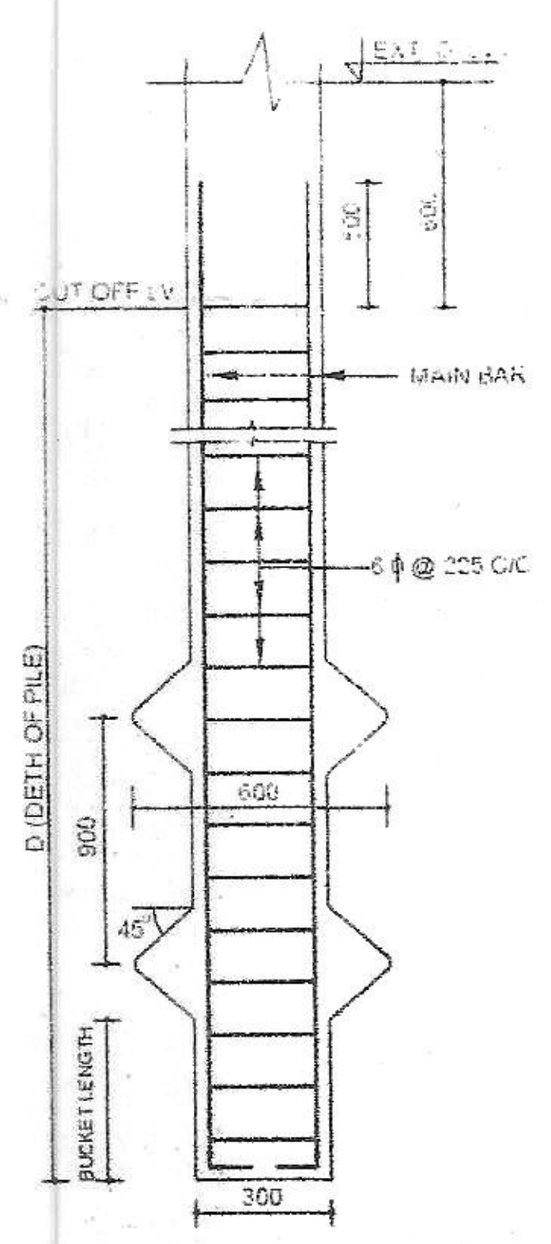


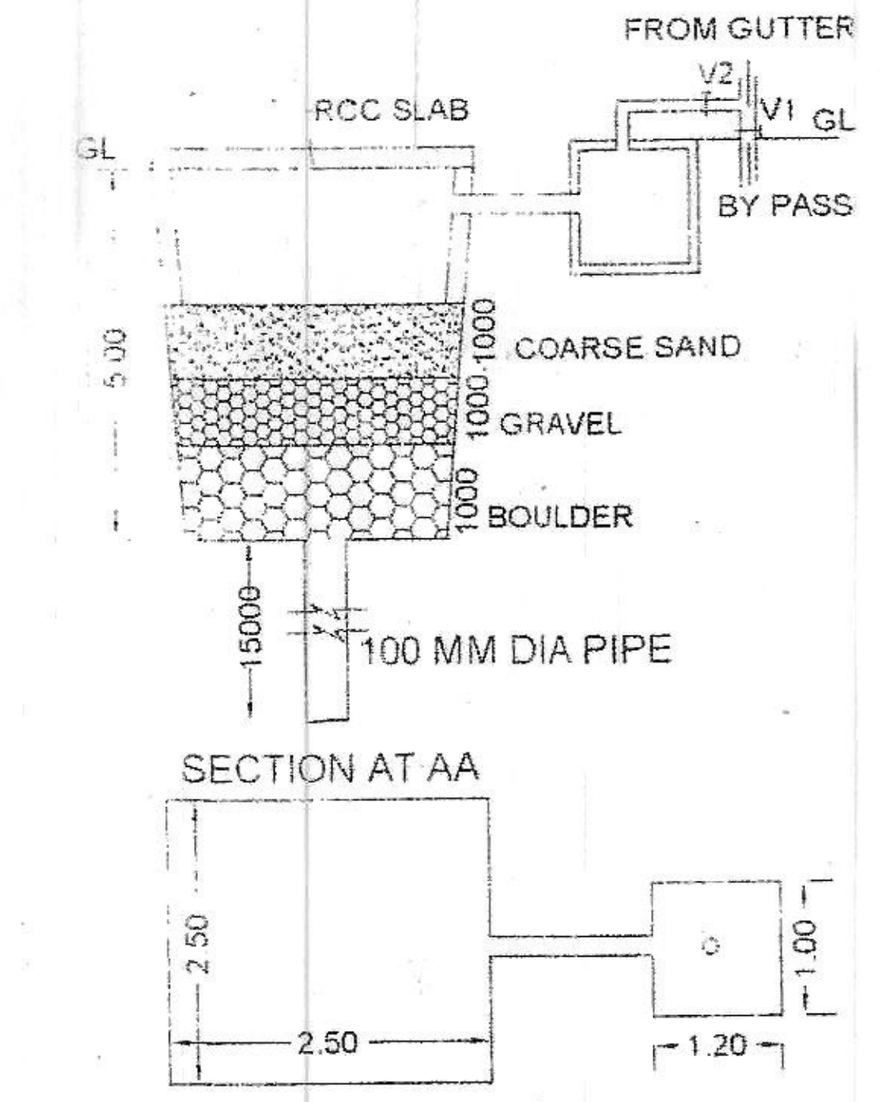
SECTION FIRE WATER TANK



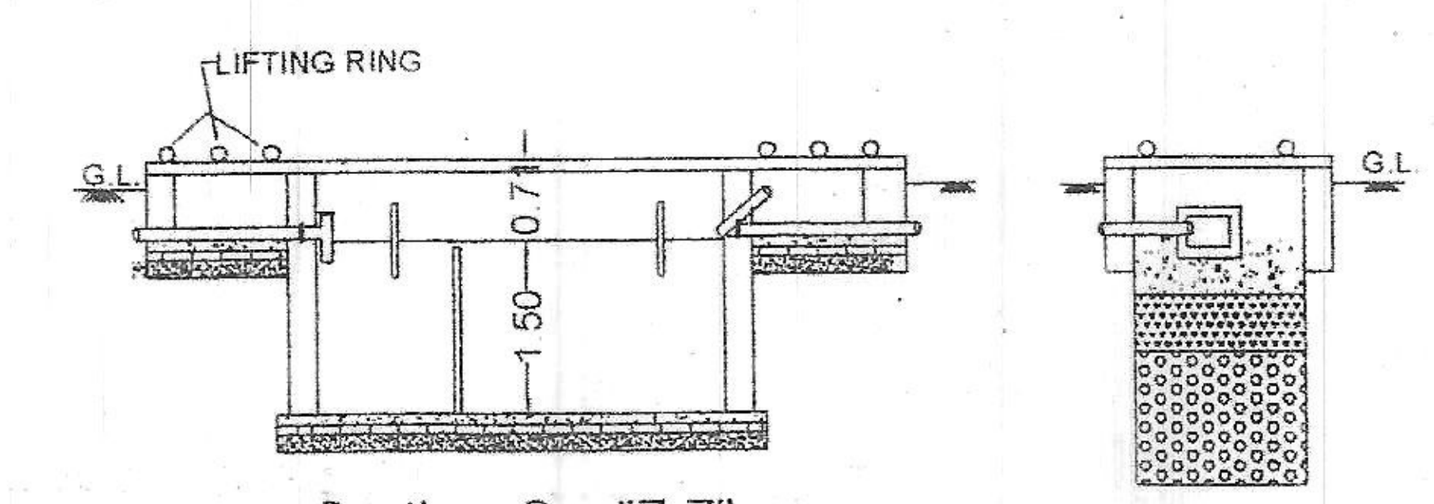
DETAILS OF PILE FOUNDATION



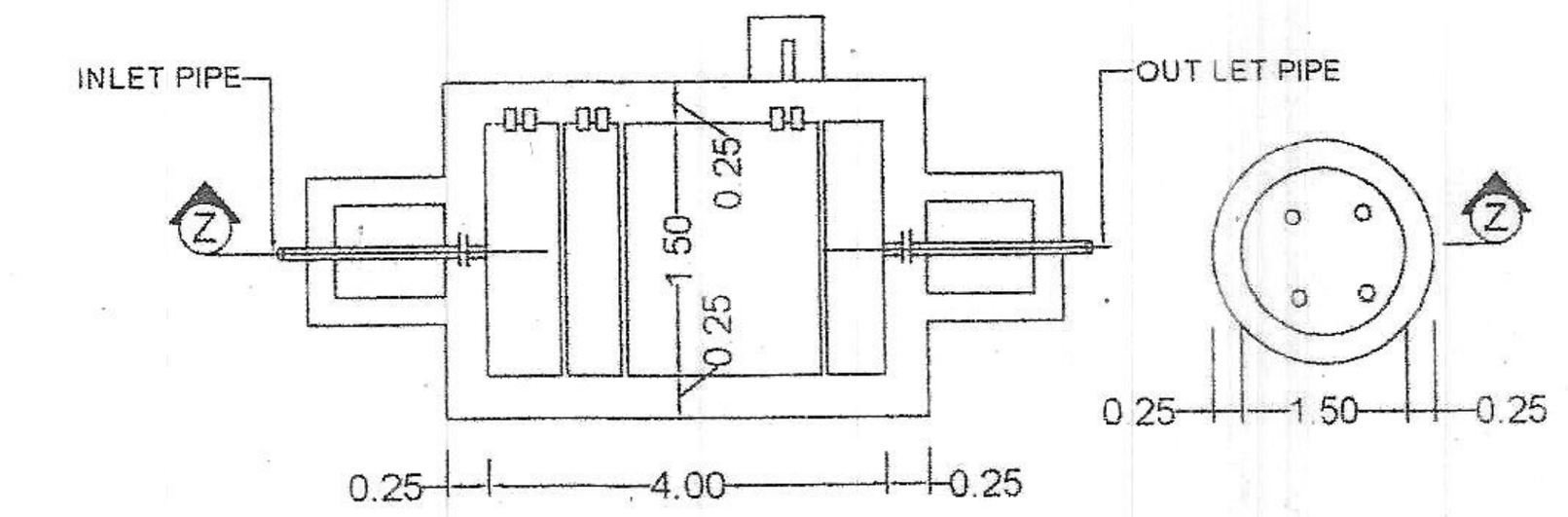
TYPICAL DETS OF UNDER - REAMED PILE



DET. OF RECHARGEBLE BORE WELL



Section On "Z-Z"



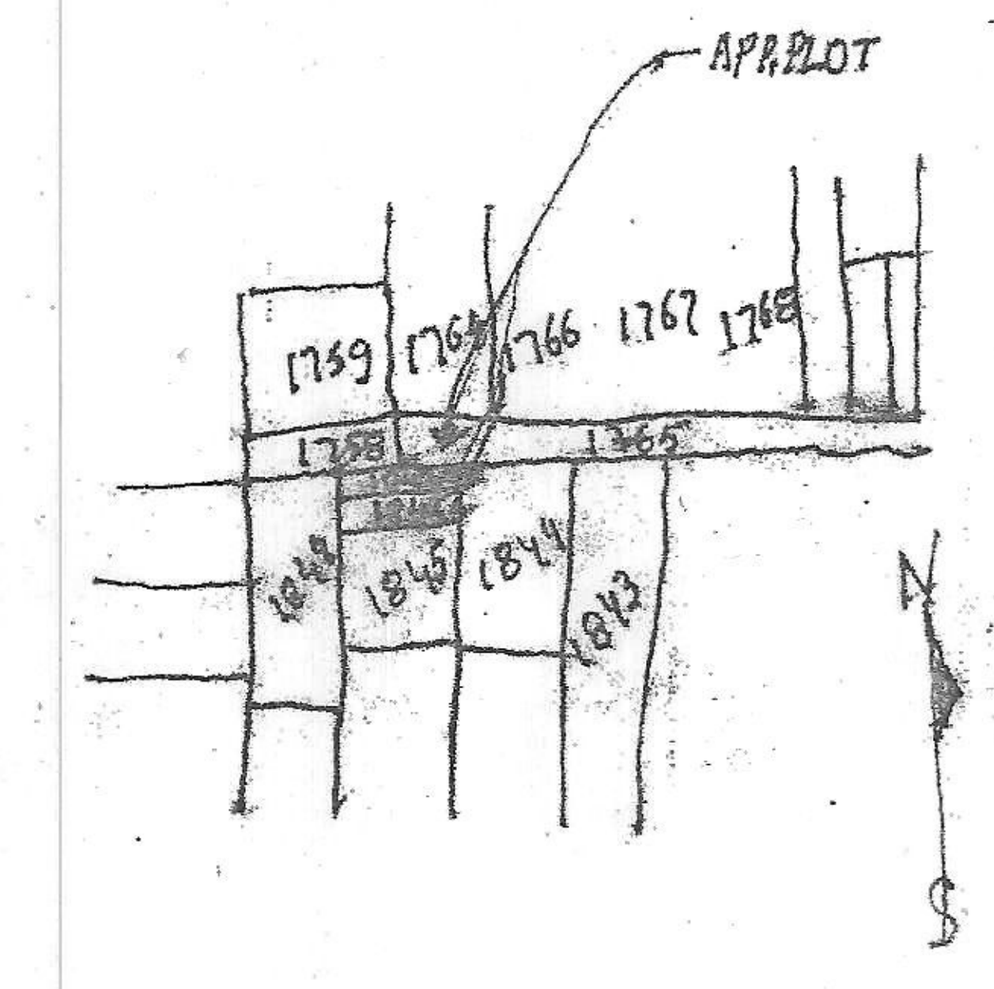
PLAN OF SEPTIC TANK & SOAK PIT

Specification:-

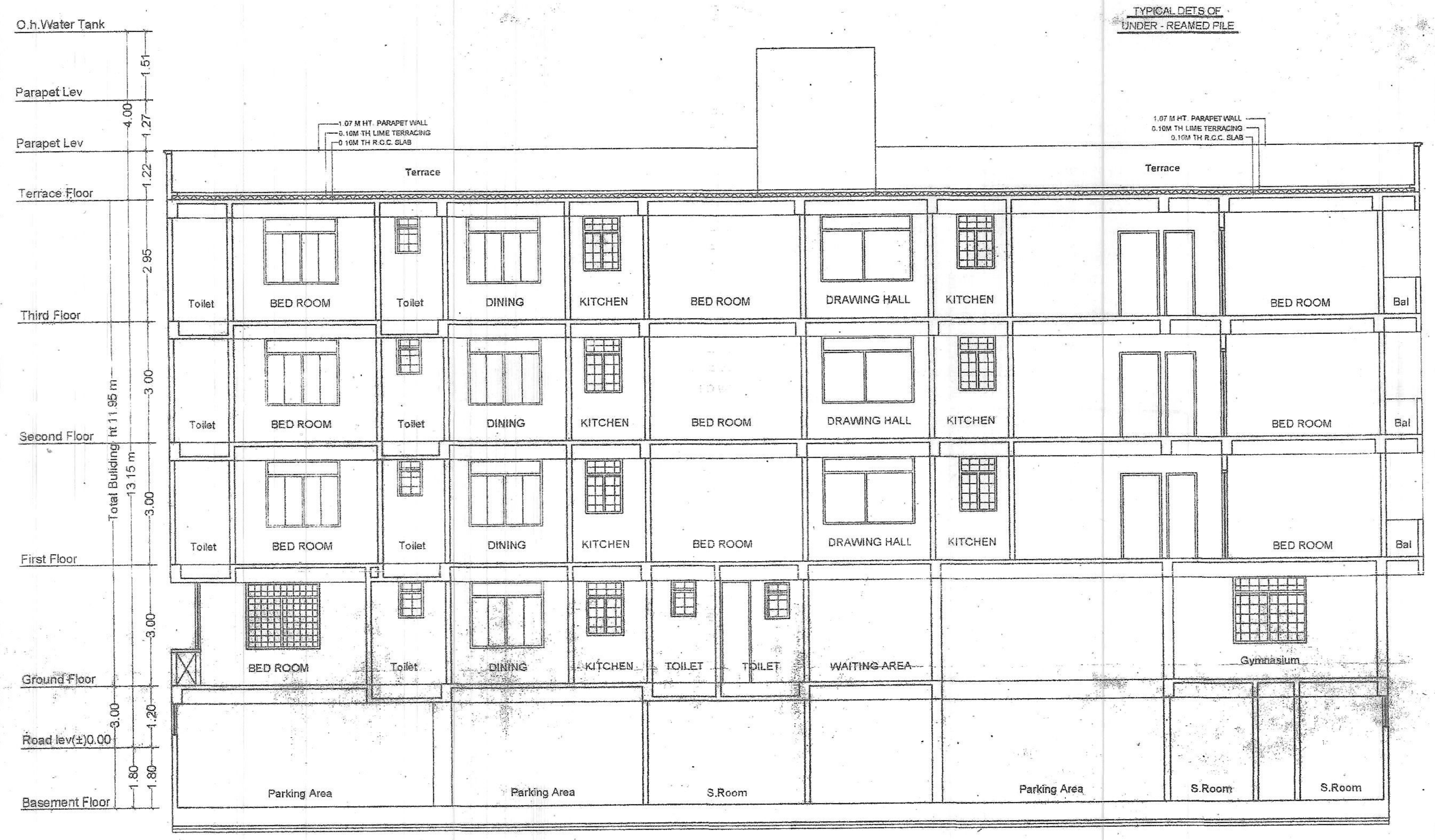
(01) FOUNDATION :- R.C.C. PILE FOUNDATION AS/STRUCTURAL DESIGN.
(02) SUPER STRUCTURE :- R.C.C. FRAMED STRUCTURE AS/STRUCTURAL DESIGN
(03) BRICKWORK :- 250 TH. & 125 TH 1st CLASS Brick Work IN C.M. 1:6 &1:5 AS/Design
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FIRE LEGEND :-

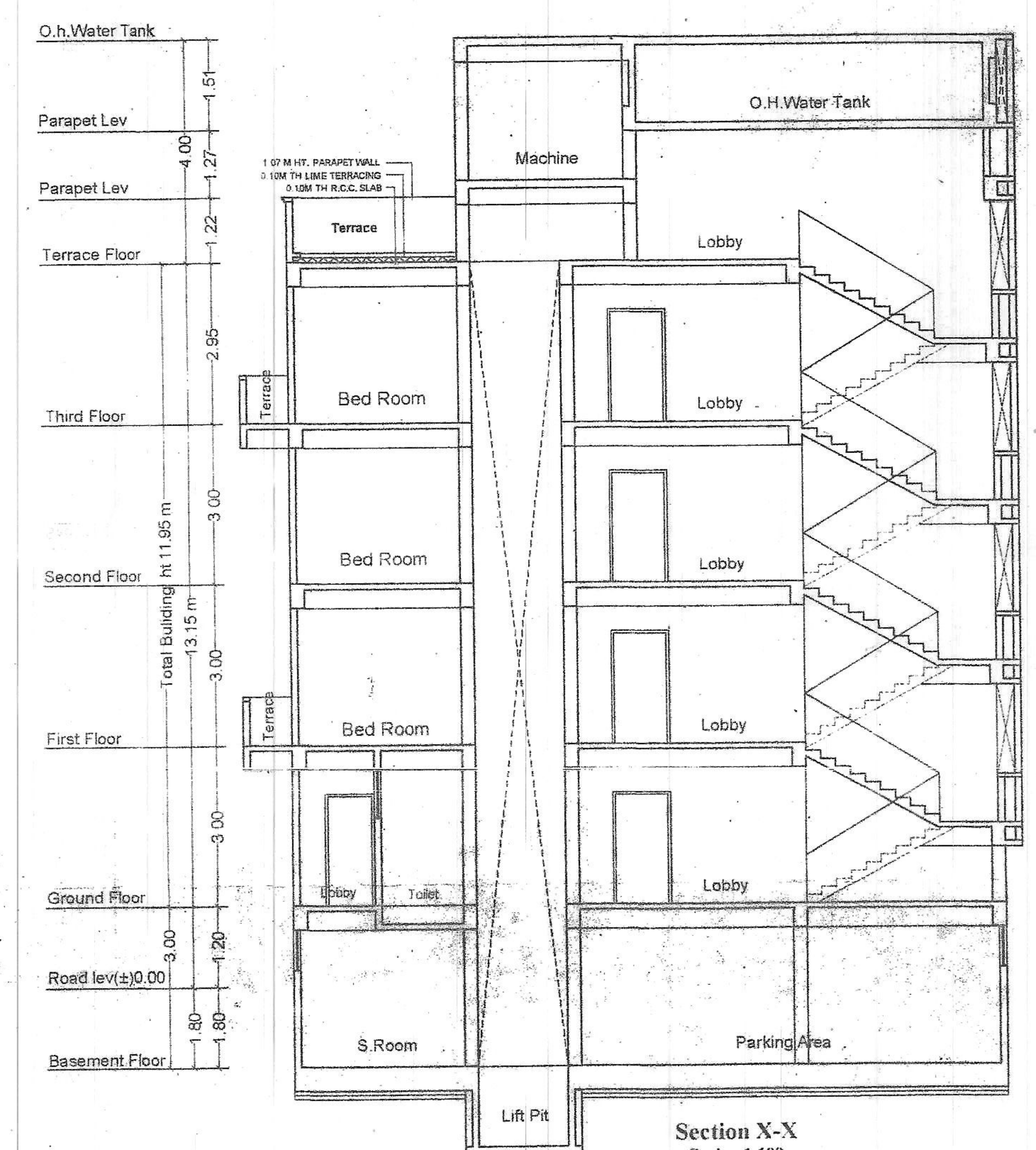
01.HYDRANT OUT LET VALVE WET
02.HOSE REEL
03.SEMAC CONNECTED FOR FIRE BRIGADECONNECTED TO WET RISER
04.ELECTRICALLY INSULATED METAL STRIP
05.UNDER GROUND TANK OF 50,000 LTRS — 10,000 LTRS
06.O.H.W.TANK FOR FIRE FIGHTING — 10,000 LTRS
07.INDICATOR PANEL — A A
08.FIRE ALARM CALL POINT
09.AUDIABLE ALARM 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 INSTALATION — S



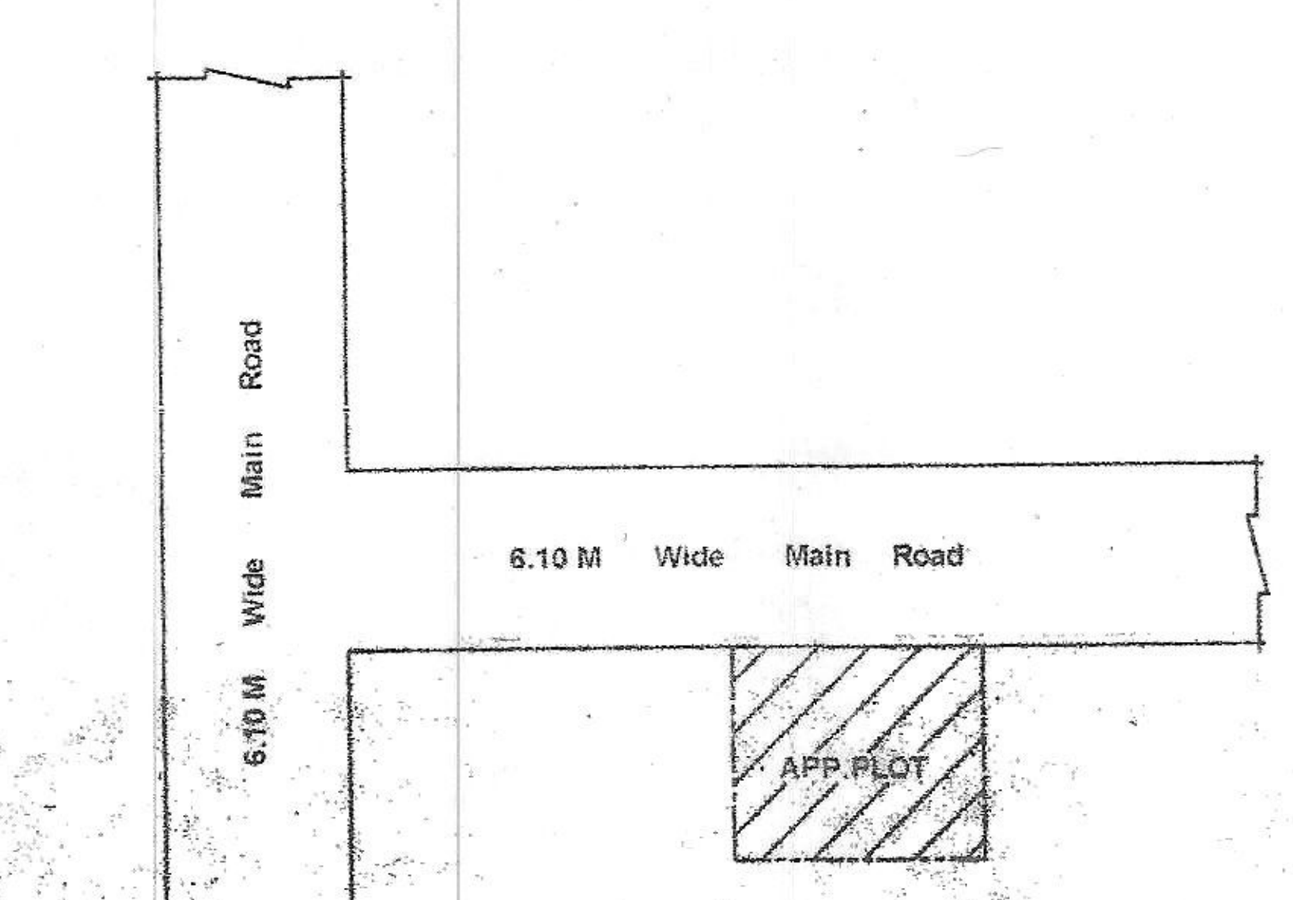
KEY PLAN
SCALE = 1"=330'-0"



Section Y-Y
Scale =1:100



Section X-X
Scale =1:100



LOCATION PLAN
SCALE =NOT TO BE SCALE

Developer Address:-

M/S Apna Awas Constrution Pvt.Ltd. A Company Incorporated Under The Office At - 001 Sundaram Enclave, Kitab Bhawan Lane,North S.K.Puri Near Krishna Apartment, Patna-800013
Managing Director- Sri Jitendra Kumar Singh,S/O Sri Rup Narain Singh, Residence:- House No - 3A/24,Road No-3A ,Mahesh Nagar, P.O - Keshri Nagar,P.S - Pataliputra,Patna - 800024, Dist - Patna.

Plot Detail :-

Proposed Residential Building Of
1. Smt. Madhuri Chakravorty W/O Late Nani Gopal Chakraborty
2. Smt. Subhra Chakraborty W/O Late Santa Kumar Chakraborty
3. Smt. Subrata Chakraborty W/O Late Hem Chandra Chakraborty
4. Smt. Sangeeta Choudhary D/O Late Shobhona Bhattacharya
5. Sri Partha Bhattacharya S/O Late Sovona Bhattacharya
6. Smt. Shanta Chakraborty W/O Late Prashanta Kumar Chakraborty
7. Smt. Sulekha Dey D/O Late Hem Chandra Chakraborty
8. Sri Makhanlal Chakraborty S/O Late Hem Chandra Chakraborty
9. Smt. Ratna Chakraborty S/O Late Hem Chandra Chakraborty
At Mohalla- Mahoodaypuri, Mauza - Dhakanpura, Zone -3,
P.S. Code No.- 126, Pargana - Azimabad, Survey Thana - Phulwarisarif,
P.S. - Gardanibagh, Survey Plot NO.- 1846, 1847, 1765, KHATA NO.-130, 149,Tauzi No.-390, Thana NO.-07, Ward No.-37(O),
Town & District - Patna.

SHEET NO.	SCALE.	NORTH
01/02	1 : 100 1 : 200	△

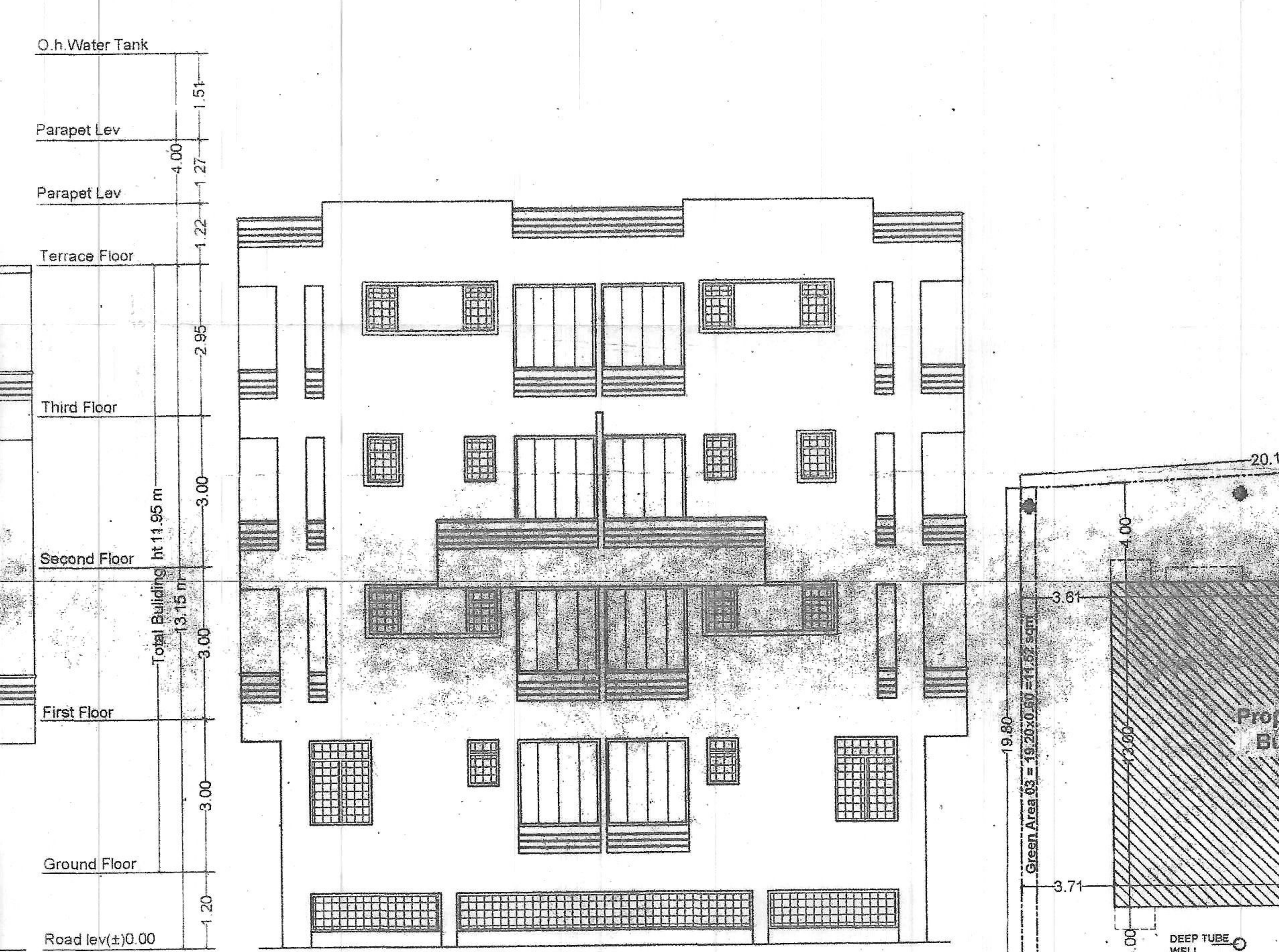
APNA AWAS CONSTRUCTION PVT. LTD.
MANAGING DIRECTOR
SIGNATURE OF BUILDER

Brajesh Kumar Sinha
Structural Engineer
SE/02/16
Patna Municipal Corporation PATNA.
SIGNATURE OF ST.ENGINEER

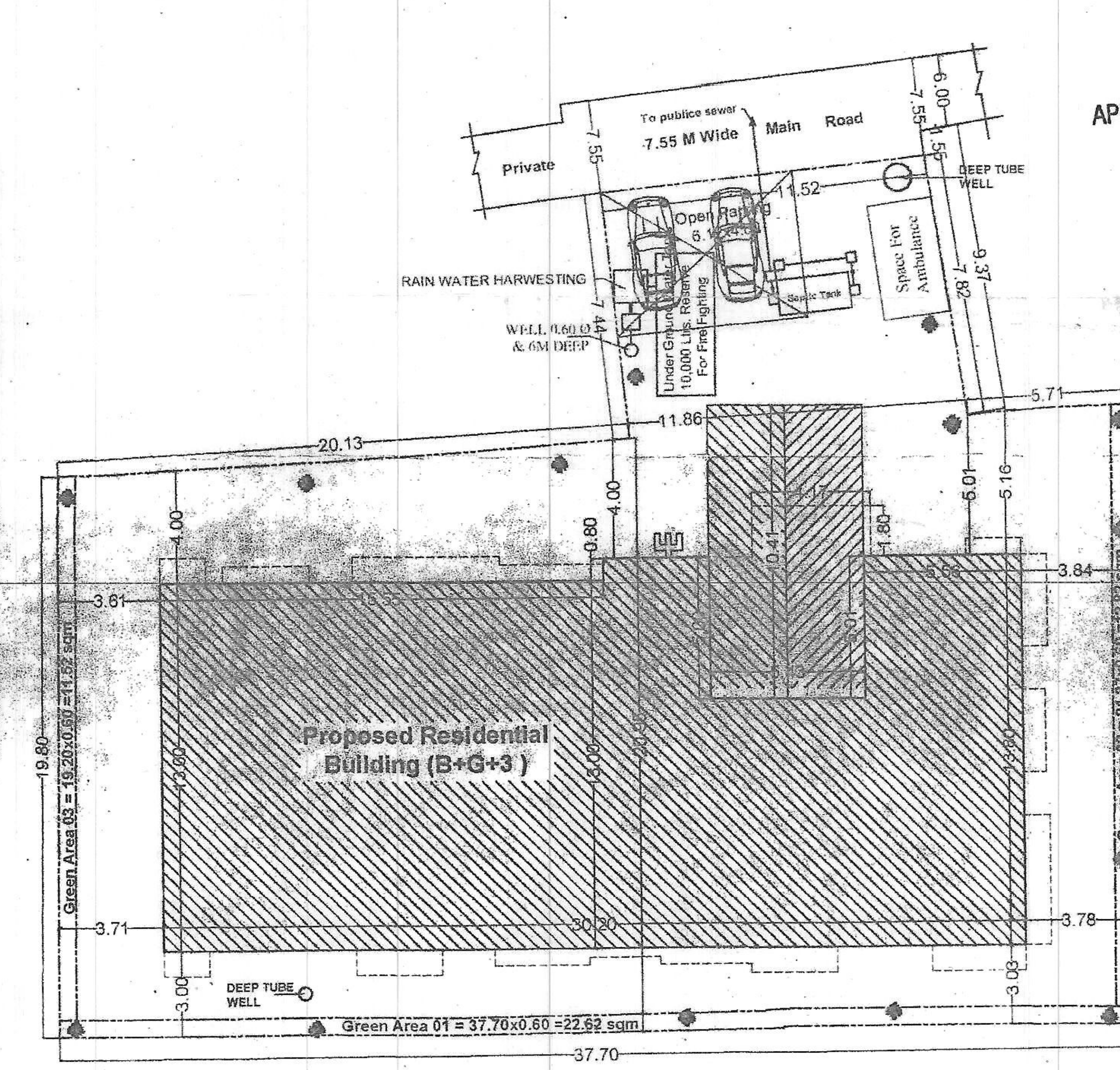
AR NAVRATNA RAGHUVANSHI
EMP. NO. AR/46/15
SIGNATURE OF ARCHITECT



Front Elevation
Scale =1:100



Right Side Elevation
Scale =1:100



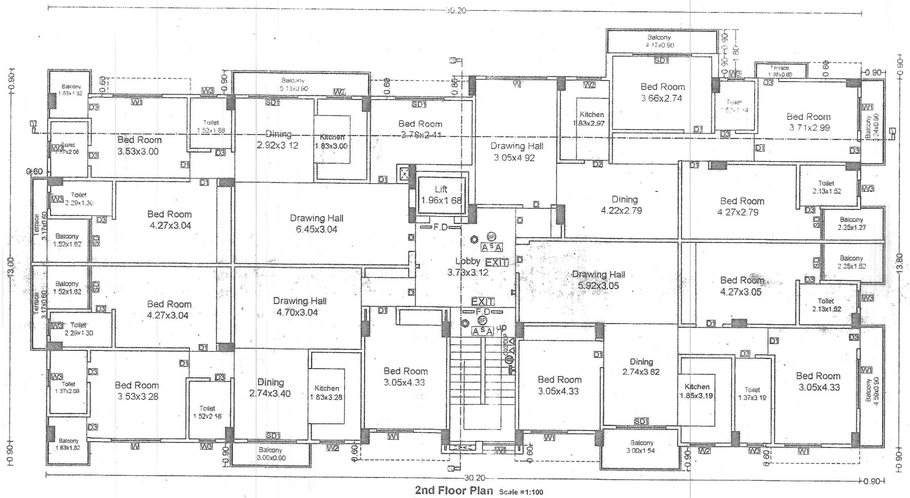
Site Plan △
Scale =1:100

PATNA MUNICIPAL CORPORATION
PATNA REGIONAL DEVELOPMENT AUTHORITY (DISSOLVED)
Case No. P/Dhakanpura-PRN-B+G+3/299/2018
Sanction of Plan Accorded under Section 314, 315, 316 & 317 of the Bihar Municipal Act 2007 by the Municipal Commissioner, Patna on 15/05/19
SANCTION OF PLAN ACCORDE

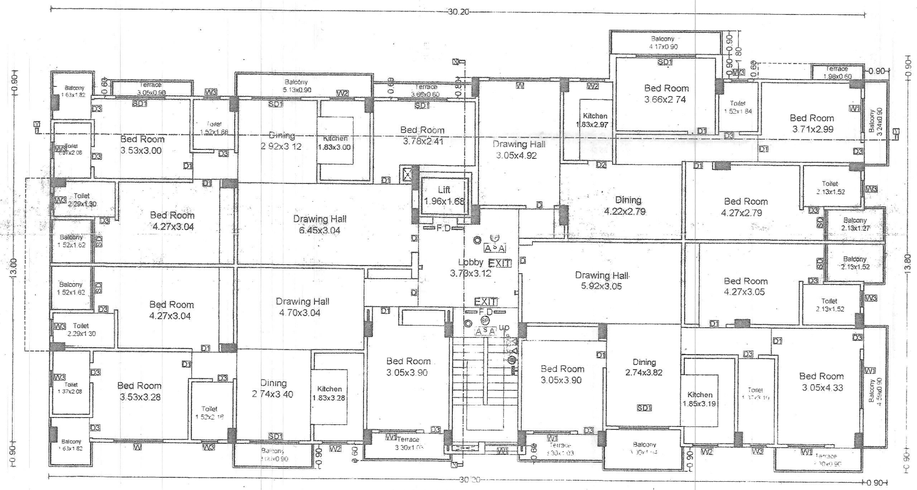
31/12/19

गुलाम रब्बानी
उप निदेशक
पटना नगर निगम

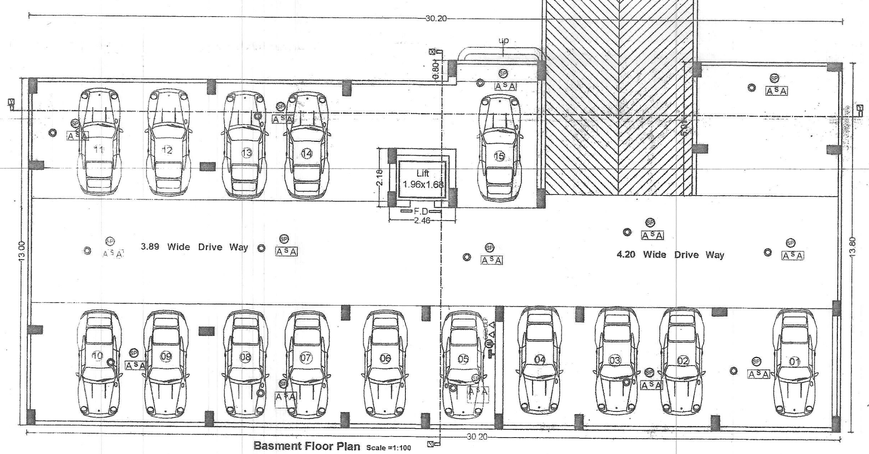
31.12.19



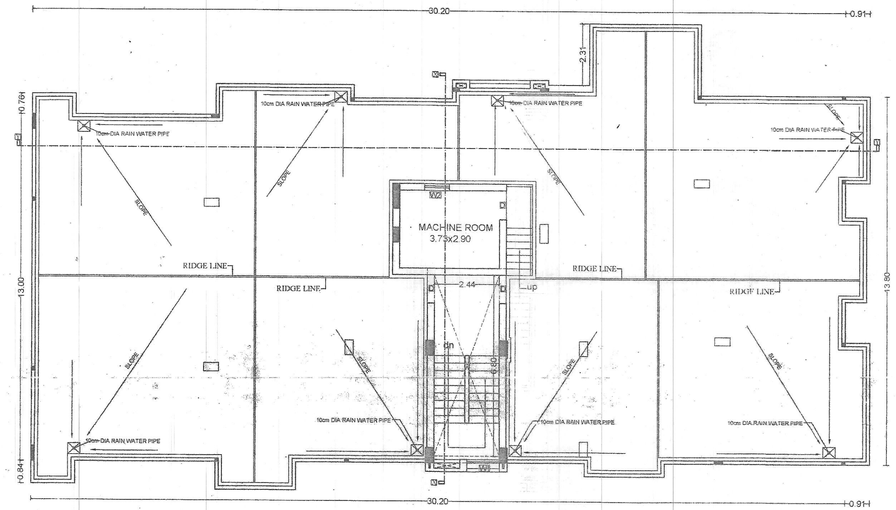
2nd Floor Plan Scale =1:100



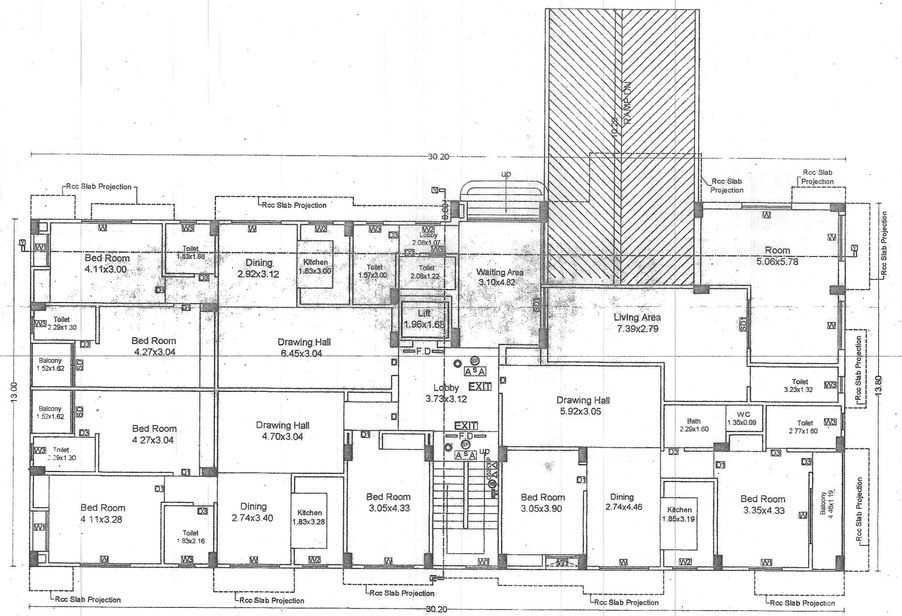
1st & 3rd. Floor Plan
Scale =1:100



Basment Floor Plan Scale =1:100



Terrace Floor Plan
Scale =1:100



Ground Floor Plan
Scale =1:100

FIRE LEGEND :-

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11.CO2 FIRE EXTINGUISHER — CO2/DCP
12.FIRE RESISTANT DOOR — F.D
13.AUTOMATIC SMOKE DETECTOR
14.AUTOMATIC SPRINKLER INSTALATION

Specification:-

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(10) WATER SUPPLY :- ROUND THE CLOCK WATER SUPPLY BY MEANS OF OWN BORING & OVERHEAD TANK.

Water Tank Calculation:-

Total No Of Flat = 15 Nos
Each Flat Having 5 Person
Total No Of Person = 15 x 5 = 75 Person
Per Person Req.Area = 135 Ltrs/Day
Total Req. Area Of Water Tank = 75 x 135 = 10125.00 Ltrs/Day
Fire Water Tank = 10000.00 Ltrs/Day
Total Req. Area Of Water Tank = 20125.00 Ltrs/Day
Provide Area Of Water Tank Size = 6.52x2.44x1.50+0.15x1000 = 23863.20 Ltrs/Day
Total Provide Water Tank Cap City = 23863.00 say.Ltrs/Day

Water Harvesting Sump Calculation :-

TERRACE FLOOR MAX. AREA = 434.10 sqm.
ALL BLOCK TERRACE AREA = 434.10 sqm.
RAIN WATER HARVESTING SUMP REQ. 6 CUM FOR EVERY 100 SQM. TERRACE AREA, SO TOTAL REQ. CAPACITY OF SUMP = 4.34 x 6 = 26.04 CUM.
PROVIDED TANK SIZE = 2.50x2.50x5.00 = 31.25 cum

Schedule OF Doors & Windows:-

Type	Width	Height	Sill	Lintel	Description
D	1.07	2.54	0.00	2.54	Panelled Door
D1	0.99	2.13	0.00	2.13	Panelled Door
D2	0.91	2.13	0.00	2.13	Panelled Door
D3	0.76	2.13/2.54	0.00	2.13/2.54	Panelled Door
W	1.83	1.63	0.91	2.54	Fixed Glased
W1	1.22	1.63	0.91	2.54	Fixed Glased
W2	0.91	1.63	0.91	2.54	Fixed Glased
W3	0.76	0.91	1.63	2.54	Fixed Glased
SW	1.62	2.54	0.00	2.54	Slading/Door
SW1	1.83	2.54	0.00	2.54	Slading/Door

AREA CALCULATION :-

Total Plot Area As/Deed = 929.85 sq.m.
Total Plot Area As/Site = 876.55 sq.m.
Total B/up Area All Floor = 1623.00 SQ.M.
F.A.R.= Total B/U AREA / Plot area = 1623.00 sq.m./876.55sq.m. = 1.85
Basment. Floor B/up Area = 5.36 sq.m.+400.12sq.m.(Parking)
Ground. Floor B/up Area = 375.34 sq.m.
1st. Floor B/up Area = 414.10 sq.m.
2nd. Floor B/up Area = 414.10 sq.m.
3rd. Floor B/up Area = 414.10 sq.m.
Total Floor B/up Area = 1623.00 sq.m.

Septic Tank Calculation:-

Total No Of Flat = 15 Nos
Each Flat Having 5 Person
Total No Of Person = 15 x 5 = 75 Person
Per Person R eq.Area = 0.085 qb.m/Day
Total Req. Area Of Septic Tank = 75 x 0.085 = 6.37 qb.m/Day
Total Req. Septic Tank Area = 6.37 qb.m/Day
Area Of Septic Tank Size = 4.00x1.50x1.50 = 9.00 qb.m/Day
Total Provide of Septic Tank All Block Area = 9.00 qb.m/Day

PARKING CALCULATION:-

CAR PARKING FOR = 25%
CROSS CAR PARKING = 1623.00 X 25% = 405.75 sq.m.
TOTAL REQUIRED CAR PARKING AREA = 405.75 sq.m.
OPEN PARKING AREA = 15.00 sqm.
BASEMENT FLOOR PARKING AREA = 400.42 sq.m.
TOTAL PROVIDE PARKING CAPACITY = 415.42 sq.m.

Green Area Calculation :-

Total Net Plot Area = 876.56 sq.m.
Green Space Area %Reqd = 876.56x5%= 43.82 sq.m.
01+02+03 =(22.62+12.82+11.52)
Total Provide Green Space = 46.96 sq.m.

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Managing Director- Sri Jitendra Kumar Singh,S/O Sri Rup Narain Singh, Residence:- House No - 3A/24,Road No-3A ,Mahesh Nagar, P.O - Keshri Nagar,P.S - Pataliputra,Patna - 800024, Dist - Patna.

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SHEET NO.	SCALE.	NORTH
02/02	1 100 1 200	△

APNA AWAS CONSTRUCTION PVT. LTD.
MANAGING DIRECTOR
SIGNATURE OF BUILDER

Brajesh Kumar Sinha
Structural Engineer
SE/02/16
Patna Municipal Corporation
PATNA.
SIGNATURE OF ST.ENGINEER

AR NAVRATNA RAGHUVANSHI
EMP. NO. AR/46/15
SIGNATURE OF ARCHITECT

PATNA MUNICIPAL CORPORATION
PATNA REGIONAL DEVELOPMENT AUTHORITY (DISSOLVED)
Case No.:- PRN-BP/G+3/2019/299 Dated 15/5/19
Sanction of Plan Accorded under Section 314, 315, 316 & 317 of the Bihar Municipal Act 2007 by the Municipal Commissioner, Patna on 15/5/19
SANCTION OF PLAN ADVICE BY
गुलाम रब्बानी
उप निदेशक
पटना नगर निगम