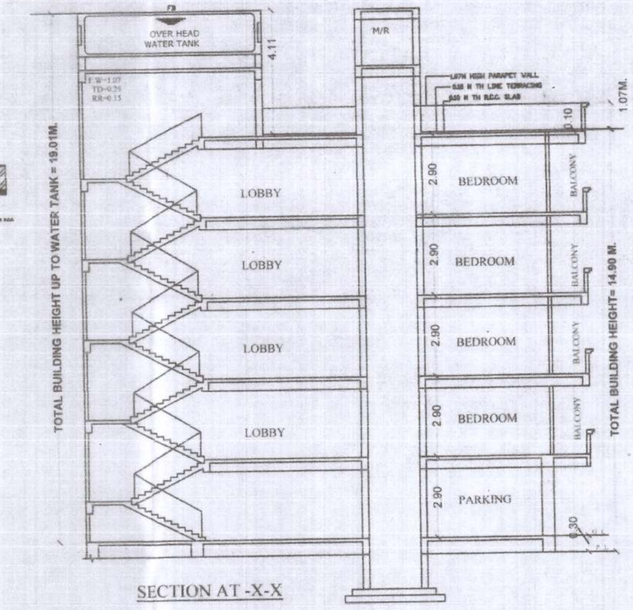
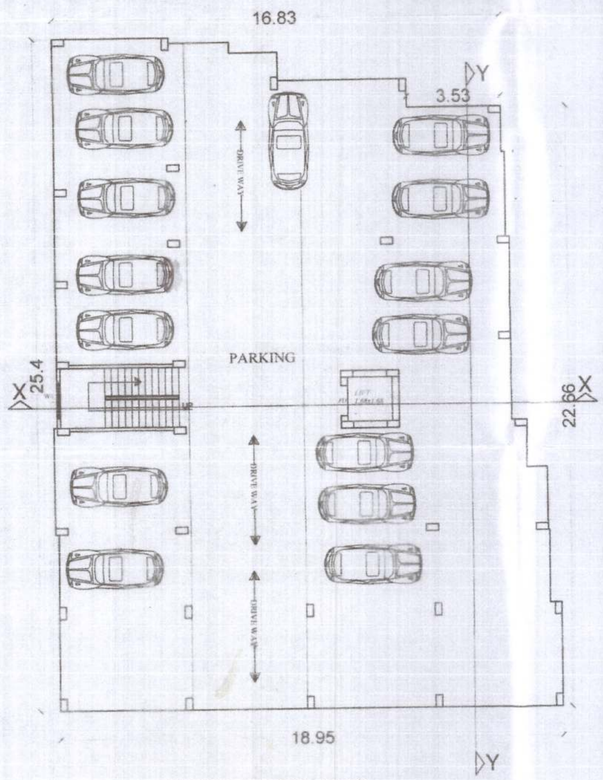


DETAIL OF RAIN WATER HARVESTING SYSTEM

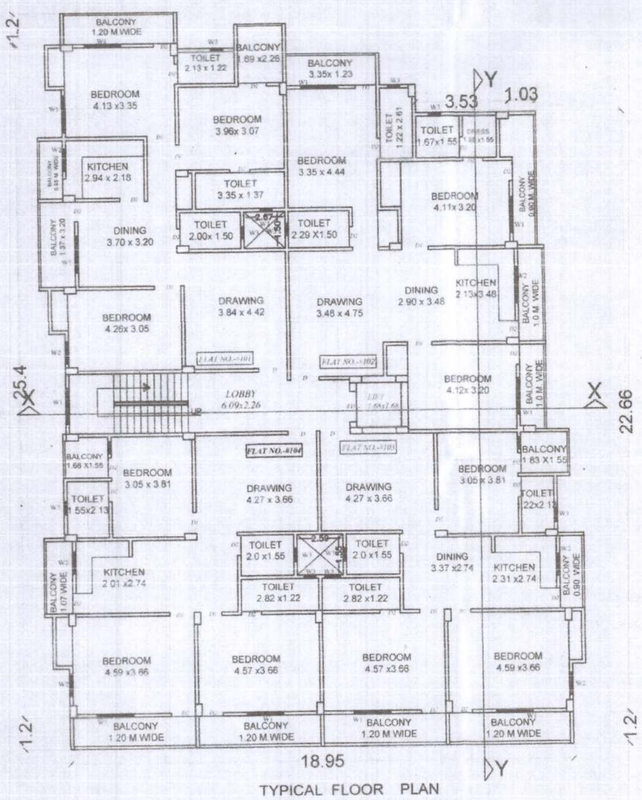


SECTION AT -X-X

16.83



GROUND FLOOR PLAN



TYPICAL FLOOR PLAN
1ST,2ND ,3RD & 4TH FLOOR PLAN

WATER TANK CALCULATION

TOTAL NO. OF FLAT = 16 NOS
TOTAL NO OF PERSON =16X 6 =96
ONE PERSON REQU. WATER = 135 LTR./DAY
TOTAL REQU. WATER =96X 135 =12960LTR./DAY
TOTAL REQU. AREA OF WATER TANK =12.96 QU.M
PROVIDE AREA OF WATER TANK
SIZE=3.0X3.0X2.0 FB=18.00 QUM

SEPTIC TANK CALCULATION

TOTAL NO. OF FLAT =16
TOTAL NO OF PERSON = 16 X 6=96
ONE PERSON REQU. AREA = 0.085 QU.M./DAY
TOTAL REQU. AREA =96X 0.085 =8.16 QU.M./DAY
PROVIDE AREA OF SPTIC TANK
(SIZE)=3.0X2.0X2.0
TOTAL AREA OF SPTIC TANK= 12.00 QUM

GREEN AREA CALCULATION:-

TOTAL NET PLOT AREA = 766.44 Sq.m.
GREEN SPACE AREA5 % Reqd. Of Total Plot Area = 766.44 @ 5% = 38.32 Sq.m.
TOTAL PROVIDED GREEN SPACE =47.27 Sq.m.

PARKING AREA CALCULATION

TOTAL RESIDENTIAL AREA OF BUILDING=1832.98 SQM.
=DEDUCT 15% OF TOTAL B/U AREA FOR SERVICES
=1832.98 X15%=274.95 SQM.
NET B/U AREA=1832.98 -274.95 =1558.03 SQM.
REQUIRED PARKING AREA=1558.03X25% = 389.50 Sq.m.
PROVIDED =402.68 SQM.

DESIGN OF UNDER GROUND WATER TANK

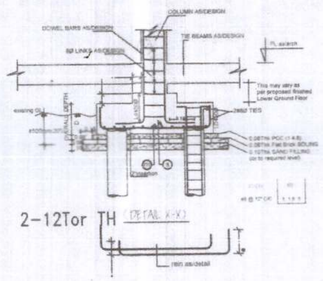
REQUIRED CAPACITY = 20,000 LTS.
SIZE OF U. G. W. T. =3.0X3.0X2.5 = 22.50 CU. M.

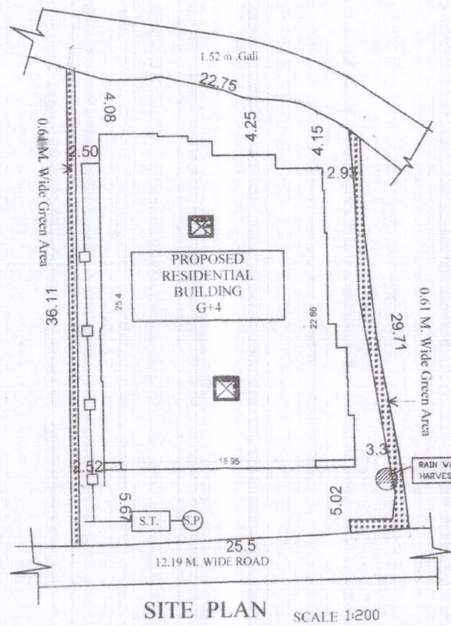
RAIN WATER CALCULATION

MAX Terrace ROOF AREA OF BUILDING =460.17 SQ.M.
SO REQ. VOL.OF RECHARGE PIT= 460.17/100 X6 CUM=27.61 cum
PROVIDED SIZE =3.50 X3.00X3.00= 31.50 CUM=
PROVIDED TOTAL VOLUME= **31.50** CUM.

WATER HARVESTING THROUGH STORING OF RAIN WATER RUN OFF

- SYSTEM OF STORM WATER DRAINAGE ALONG WITH POINT OF RAIN WATER IN SURFACE RECHARGE WELL PROVIDED.
- SEPARATE OVER HEAD WATER TANK FOR FEEDING W.C.'S URINALS STORM WATER RECHARGE WELLS PROVIDED.





SITE PLAN SCALE 1:200

SPECIFICATION

1. R.C.C UNDER REMMED PILE FOUNDATION AS PER DETAIL GIVEN IN THIS DRAWING.
2. 1ST CLASS BRICK WORK IN CEMENT MORTER(1:6) IN SUPER STRUCTURE.
3. HEIGHT OF PLINTH FLOOR AREA SHOWN IN SECTION.
4. 0.03 I.P.S. FLOORING OVER 0.75 DRY REMMED KHOA OVER FLAT BRICK SOLING OVER LOCAL SAND FILLING
5. 0.050 TH IPC ON P.L. ALL ROUND THE BUILDING.
6. 0.110 TH LIME CONCRETE OVER 0.100TH R.C.C. SLAB
7. 0.15TH R.C.C. BAND AT DOORS & WINDOWS OPENINGS
8. 0.12 CEMENT PLASTER ON BOTH SIDE OF WALL.
9. WHITE & COLOUR WASH AS PER CHOICE.

AREA STATEMENT

TOTAL PLOT AREA AS PER DEED	= 766.44 SQM.
TOTAL PLOT AREA AS PER SITE	= 766.44 SQM.
TOTAL GROUND FLOOR B/U AREA	= 12.22 SQM.
TOTAL 1ST FLOOR B/U AREA	= 455.19 SQM.
TOTAL 2ND FLOOR B/U AREA	= 455.19 SQM.
TOTAL 3RD FLOOR B/U AREA	= 455.19 SQM.
TOTAL 4TH FLOOR B/U AREA	= 455.19 SQM.
TOTAL BUILT UP AREA	= 1832.98 SQM.
F.A.R. ACHIEVED = 2.39	

DETAILS OF PLOT :-

AT. -SURVEY PLOT NO.- 639,640,641(NEW)& OLD PLOT NO.- 19666,19667,19676,19677,19678, 19679,19680,19681.19682,19683,19684,19685
(OLD PLOT) WARD NO.-21/26,
HOLDING NO.- 820/821,
THANA NO.-182,THANA.- TOWN ,
MOHALLA- BHATIYARISARAI,MISHRA TOLA
DIST.- DARBHANGA

PROPOSED RESIDENTIAL BUILDING CONSTRUCTED BY
GENX HOMES PVT. LTD.
DIRECTOR'S:- SRI RAKESH RANJAN,S/O SRI RAMESH PRASAD SINGH &
SRI ANUPAM KUMAR ,S/O SRI AKHILESHWAR SINGH

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

Genx Homes Pvt. Ltd.
Director
SIGN. OF APPLICANT'S

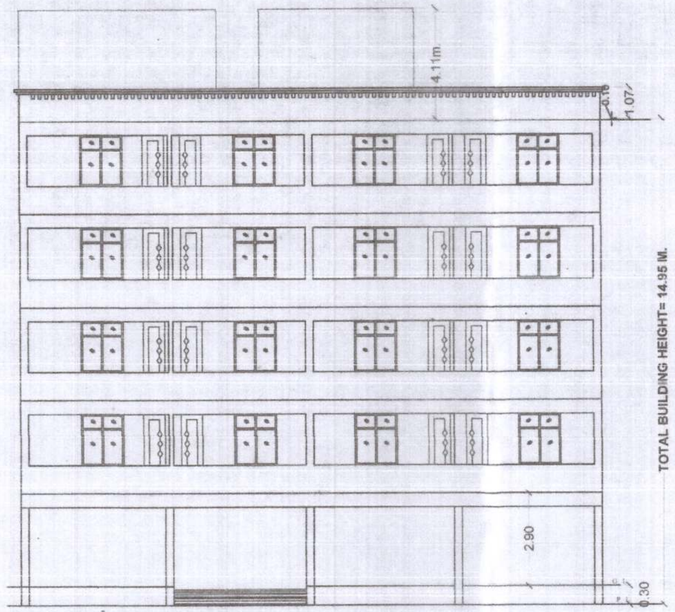
SIGN. OF J.E.

SIGN. OF ASTT. ENGG.

Er. Rajiv Kumar Agrawal
Reg. Structural Engineer
ULB Reg. No.
SIGN. OF STR. ENGG.

Ar. Anup Raj (CERTIFIED ARCHITECT)
[Reg. No.- CA/2019/115700, New Delhi, India]
COUNCIL OF ARCHITECTURE]
"Akash Deep"
Mirazpur (Rajkumar Ganj)
Darbhanga (Bihar)
SIGN. OF ARCH.

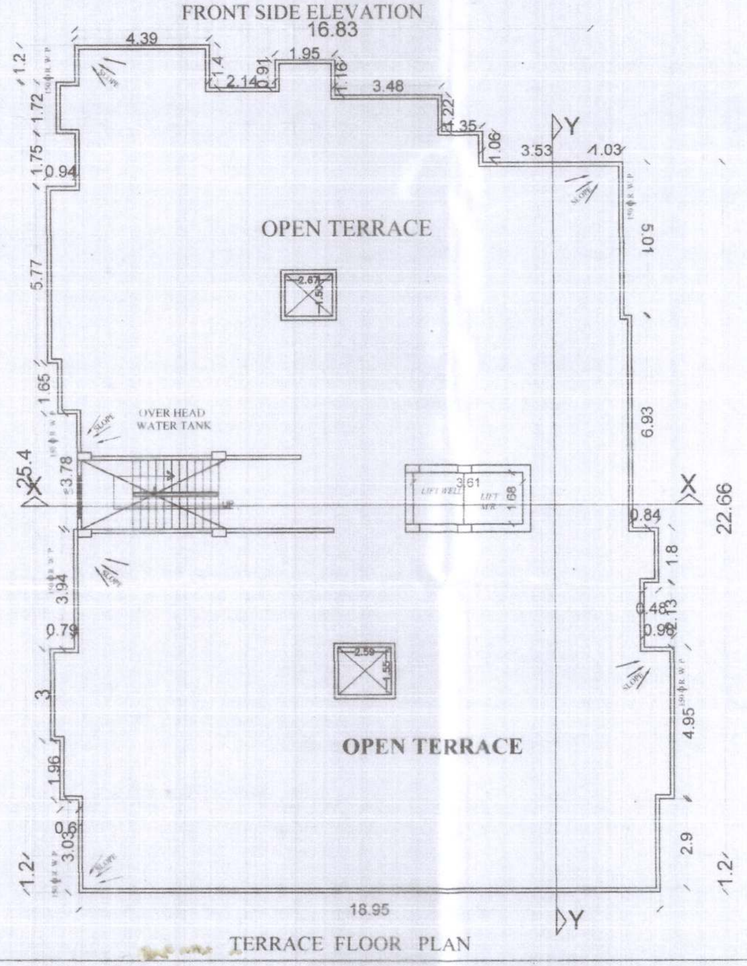
दरभंगा नगर निगम,दरभंगा
भवन निर्माण क्लियर प्लान संख्या.....
बिहार नगरपालिका अधिनियम 2007 बिहार भवन उपविधि 2014 तथा नगर विकास एवं आवास विभाग की अधिसूचना सं० 645 दिनांक 24.02.22 के आलोक में बिहार भवन (संशोधन) उपविधि 2022 के अन्तर्गत भवन निर्माण/परिवर्तन/परिवर्द्धन की स्वीकृति दी जाती है।
SIGN. OF MUNICIPAL COMMR.
दरभंगा नगर निगम,दरभंगा



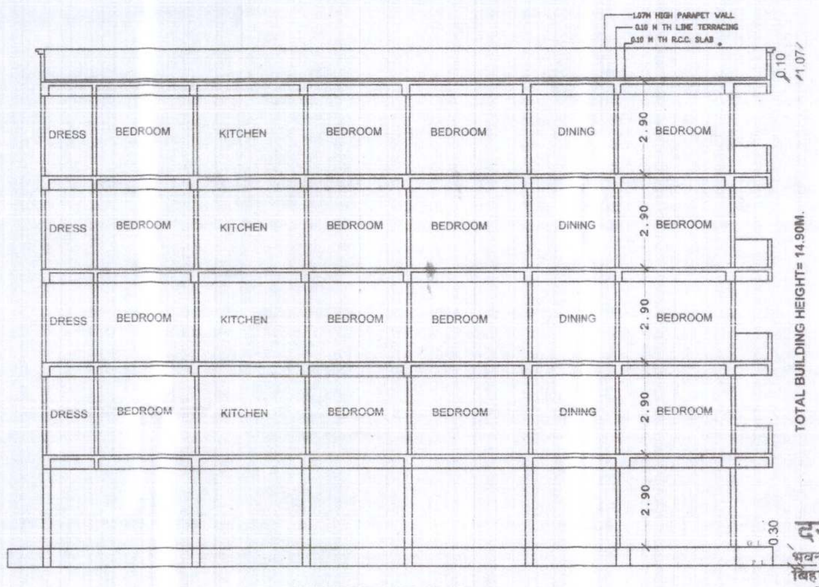
FRONT SIDE ELEVATION



SIDE ELEVATION



TERRACE FLOOR PLAN



SECTION AT -Y-Y

SPECIFICATION

1. R.C.C UNDER REMMED PILE FOUNDATION AS PER DETAIL GIVEN IN THIS DRAWING.
2. 1ST CLASS BRICK WORK IN CEMENT MORTER(1:6) IN SUPER STRUCTURE.
3. HEIGHT OF PLINTH FLOOR AREA SHOWN IN SECTION.
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DIRECTOR'S:- SRI RAKESH RANJAN;S/O SRI RAMESH PRASAD SINGH &tr
SRI ANUPAM KUMAR ,S/O SRI AKHILESHWAR SINGH

NORTH	SCALE	SHEET NO.-02/02
	1:100 1:200	

Genx Homes Pvt. Ltd.
Director
SIGN. OF APPLICANT'S

25/04/23
SIGN. OF J.E.

21/03/2023
Ar. Anup Raj (CERTIFIED ARCHITECT)
[Reg. No.- CA/2019/115700, New Delhi, India]
[COUNCIL OF ARCHITECTURE]
"Akash Deep"
Mirazpur (Rajkumar Ganj)
Darbhanga (Bihar)
SIGN. OF ARCH.

8/5/2023
SIGN. OF ASTT. ENGG.

Er. Rajiv Kumar Agrawal
Reg. Structural Engineer
ULB Reg. No.
SIGN. OF STR./ ENGG.

दरभंगा नगर निगम,दरभंगा

भवन निर्माण **मरमिट प्लान संख्या**.....
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16.05.23

SIGN. OF MUNICIPAL COMMISSIONAR
नगर आयुक्त
दरभंगा नगर निगम,दरभंगा