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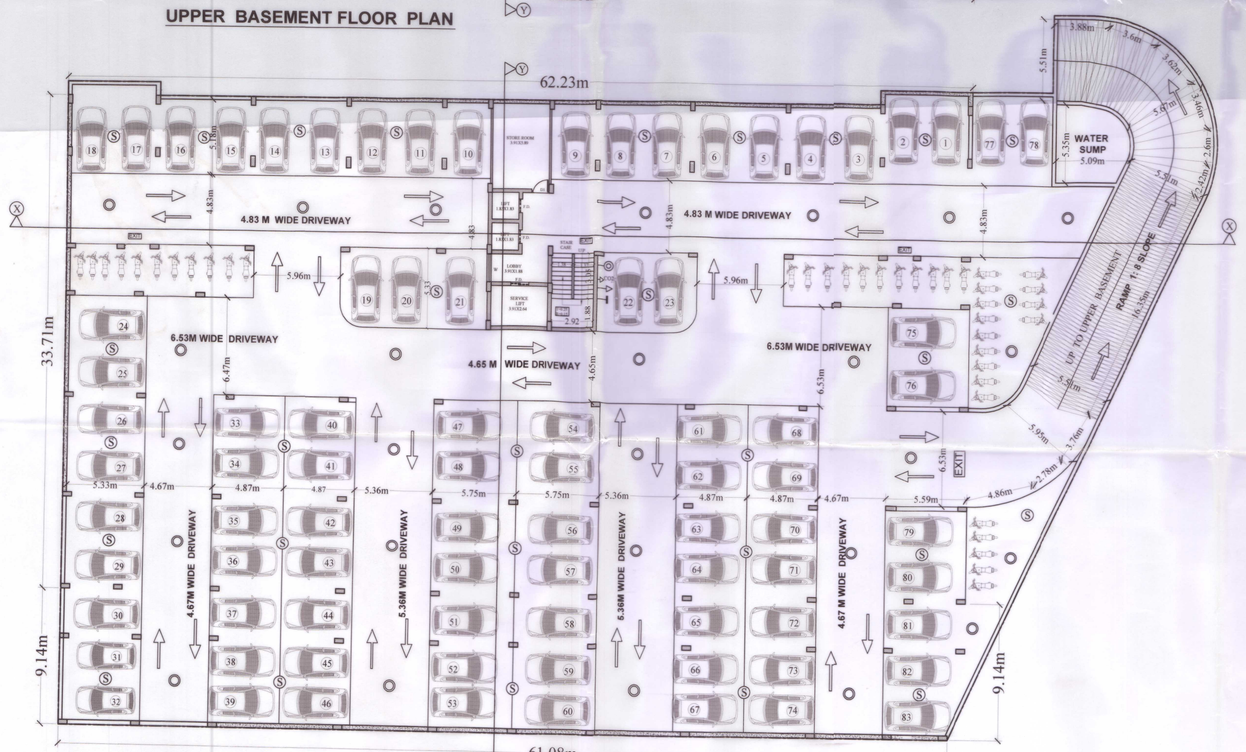
UPPER BASEMENT FLOOR PLAN



LOWER BASEMENT FLOOR PLAN

FIRE LEGEND

- [1] UNDER GROUND WATER STATIC OF 100000 LITERS CAPACITY — 100000
- [2] HYDRANT POINT — (H) (WET RISING SYSTAM)
- [3] HOSE REAL
- [4] I.S.I MARKED F.E
- [5] PHOTOLUMICENT SIGN — EXIT
- [6] SEWERAGE CONNECTION
- [7] SPRINKLER'S INSTALLATION — (S)
- [8] MANUAL CALL ALARM POINT — (O)
- (9) F.D. FIRE RESISTING DOOR — F.D.
- [10] AREA COVERED WITH SMOKE DETECTION SYSTEM — ASA
- [11] OVER HEAD WATER STATIC TANK 5000 LITRS CAPICITY — 50,000
- [12] EMERGENCY LIGHT
- [13] P. A. SYSTAM
- (14) FIRE EXTINGUISHER CO 2 TYPE — CO2

SCHEDULE OF DOORS & WINDOWS:-

S.N.	TYPE	WIDTH	HEIGHT	CILL	DESCRIPTION
	D	3.05m.	2.13m.	0.0m.	SINGLE LEAF DOOR
	D1	1.07m.	2.13m.	0.0m.	SINGLE LEAF DOOR
	D2	0.91m.	2.13m.	0.0m.	SINGLE LEAF DOOR
	D3	0.76m.	2.13m.	0.0m.	GLAZED WINDOW
	W	1.83m.	1.68m.	0.91m.	GLAZED WINDOW
	W1	1.52m.	1.68m.	0.91m.	GLAZED WINDOW
	W2	1.22m.	1.68m.	0.91m.	GLAZED WINDOW
	W3	1.22m.	1.68m.	0.91m.	GLAZED WINDOW
	W4	0.46m.	0.46m.	1.68m.	GLAZED WINDOW
	SD1	1.83m.	1.68m.	0.91m.	GLAZED WINDOW

PLOT DETAILS :-

PROPOSED COMMARICAL CUM RESIDENTIAL BUILDING OF
1.SRI RAJEEV RANJAN, 2.RAJESH RANJAN
S/O RAMLAKHAN PRASAD
AT- MAUZA- BHADAUNI , WARD NO- 36
KHATA NO.- 374 , PLOT NO.-783/2209
THANA NO.- 378 ,THANA - NAWADA SADAR
DIST.-NAWADA (BIHAR)

DEVELOPER .-

RDA CONSTRUCTION SERVICES LLP
DIRECTOR.- SRI. RAJEEV KUMAR SINHA
ADDRESS.- R/o – Panchmukhi Nagar, Bhadouni,
Nawada, Bihar – 805110, Near- Sobhnath mandir

SHEET NO.	SCALE.	NORTH.
A/01	1 : 100	

RAJESH KUMAR SINHA
Registration No.
BR/UDHD/SE/23-0071
UDHD, Government of Bihar
SIGNATURE OF STRUCTURE

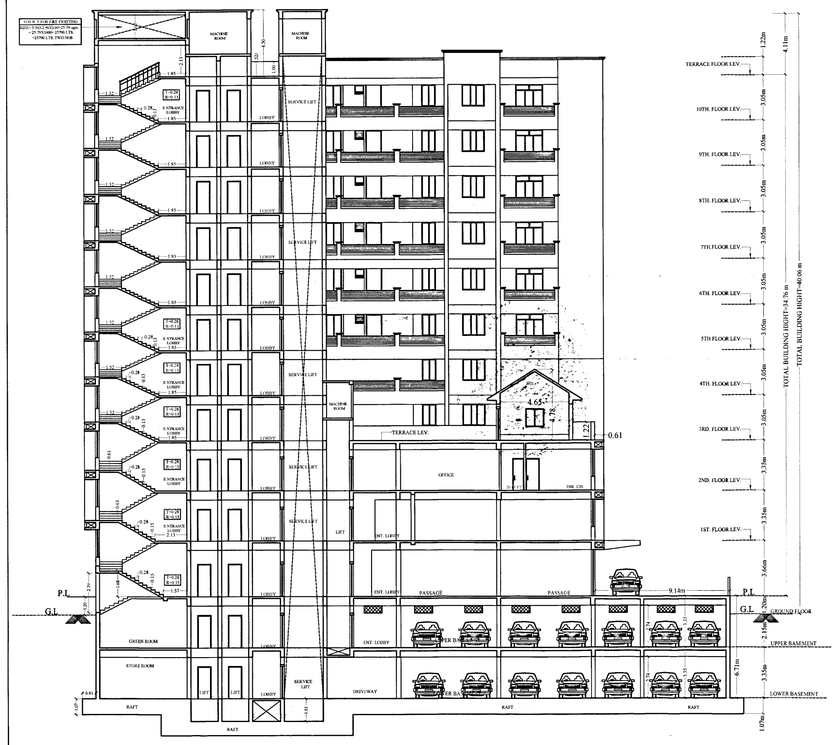
Regd. Architect
S.K. Anandkar
Council of Architecture
Reg. No. CA/2013/30588
UDHD, Bihar
SIGNATURE OF ARCHITECTS

SIGNATURE OF OWNER.

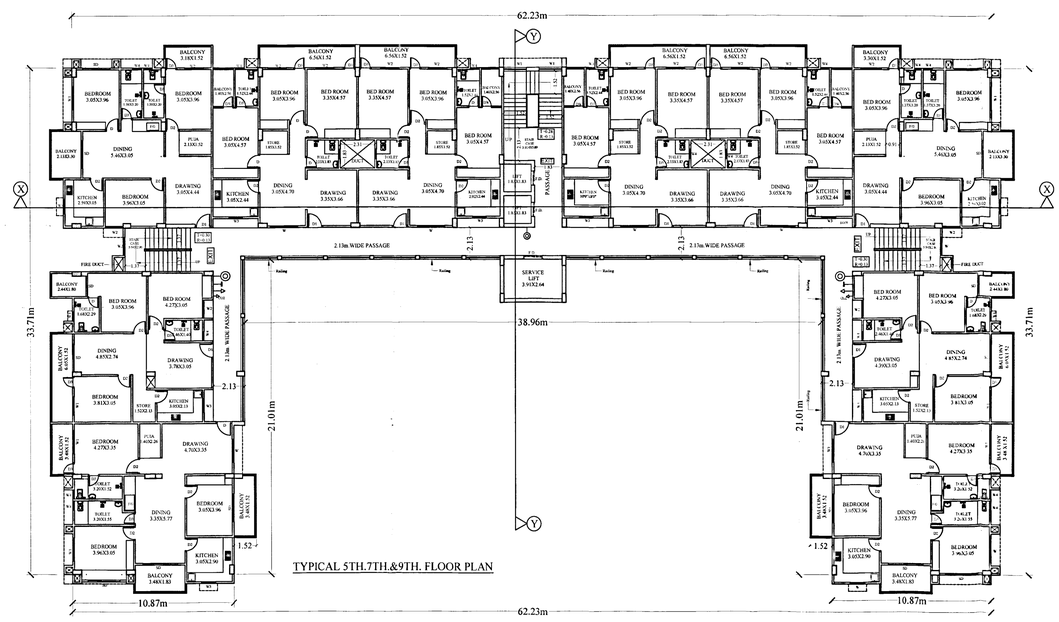
SIGNATURE OF DEVELOPER

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



SECTION Y-Y



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THANA NO.- 378 ,THANA - NAWADA SADAR
DIST.-NAWADA (BIHAR)

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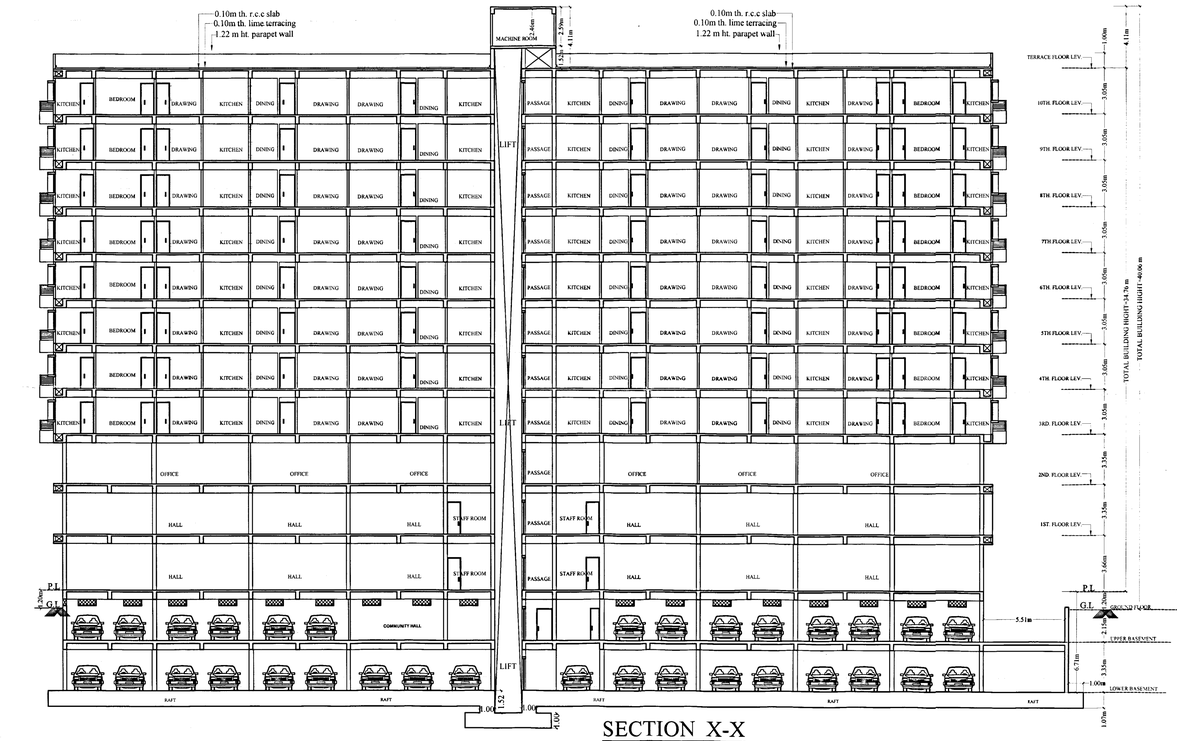
SHEET NO.	SCALE.	NORTH.
A/03	1 : 100	

SIGNATURE OF STRUCTURE

SIGNATURE OF ARCHITECTS

SIGNATURE OF OWNER.

SIGNATURE OF DEVELOPER



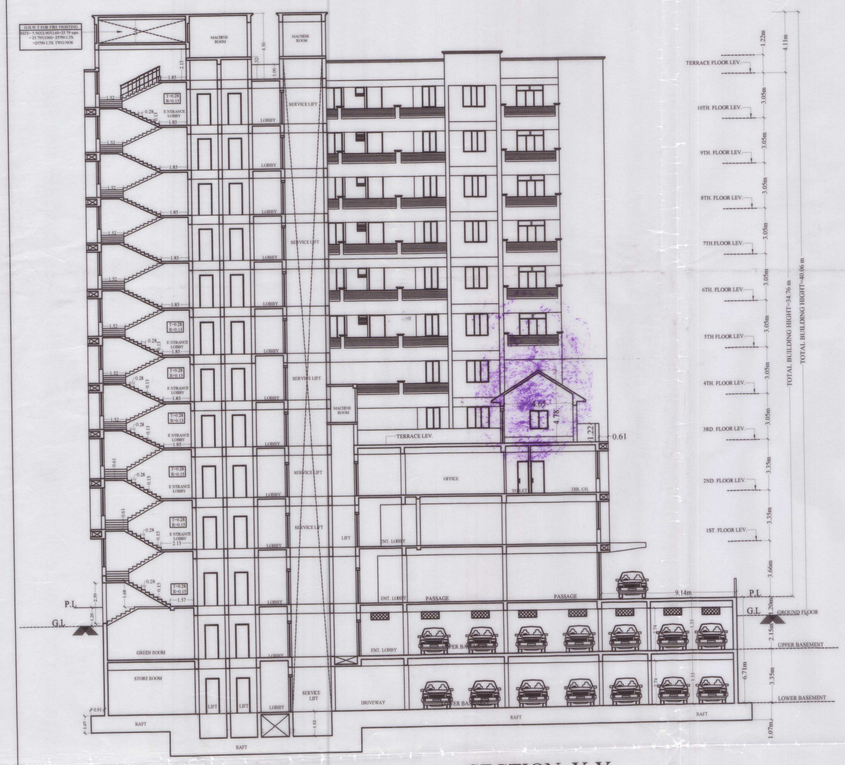
SECTION X-X



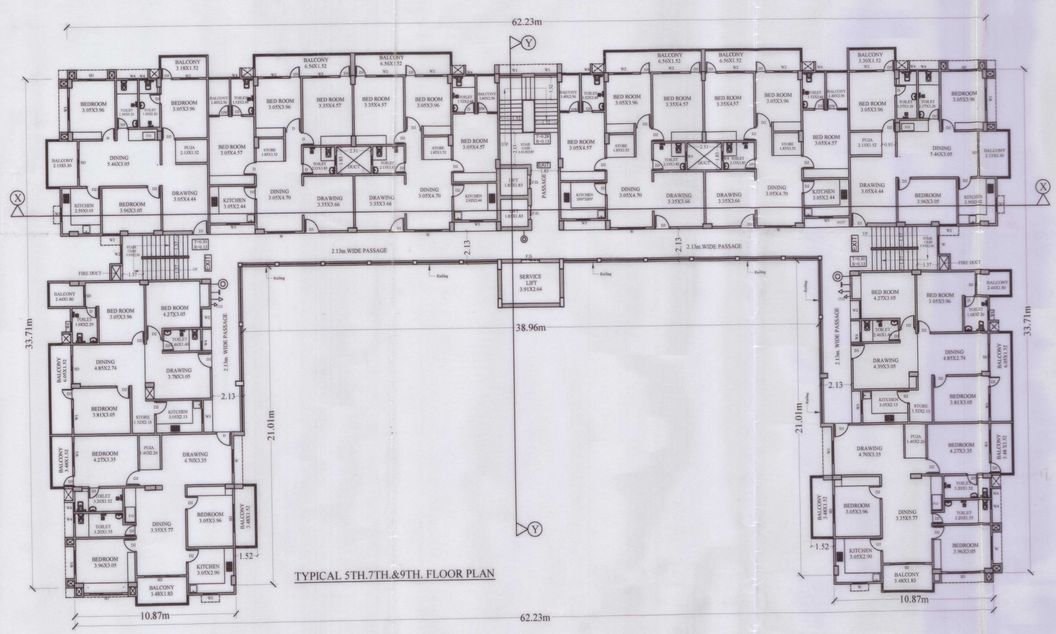
SOUTH SIDE FRONT ELEVATION

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

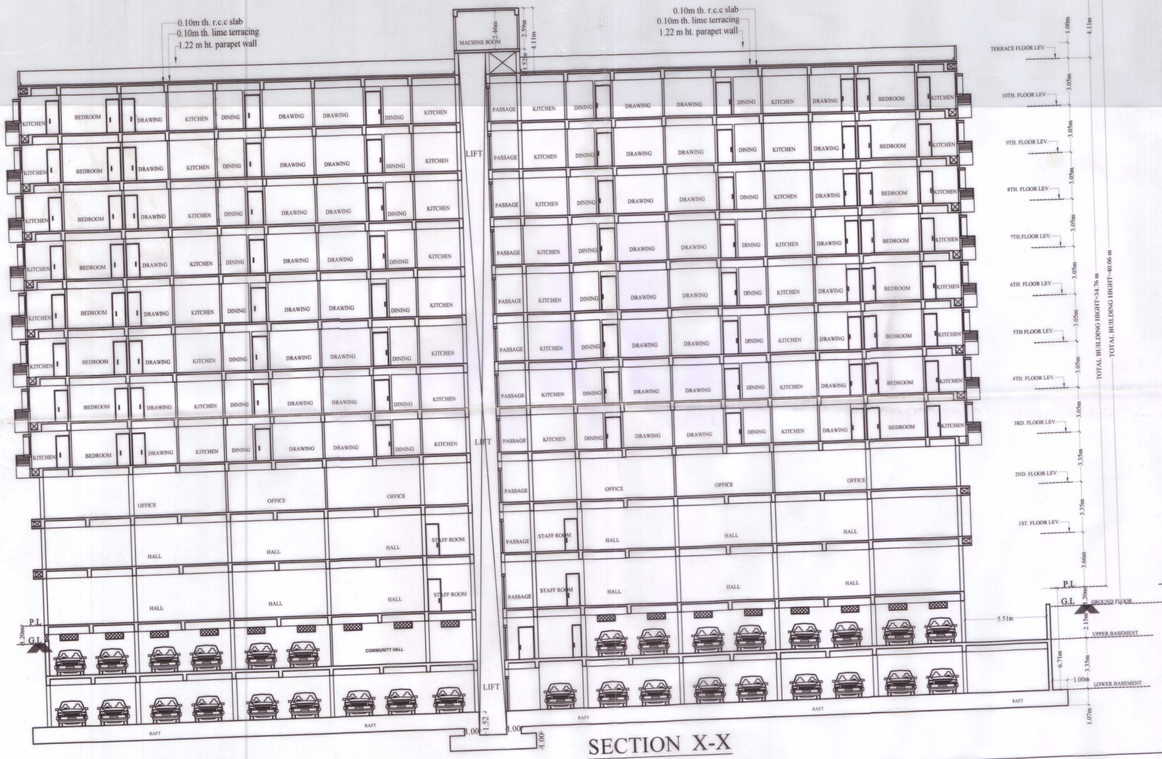
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



SECTION Y-Y



TYPICAL 5TH.7TH.&9TH. FLOOR PLAN



SECTION X-X



SOUTH SIDE FRONT ELEVATION

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	W2	1.22m.	1.68m.	0.91m.	GLAZED WINDOW
	W3	1.22m.	1.68m.	0.91m.	GLAZED WINDOW
	W4	0.46m.	0.46m.	1.68m.	GLAZED WINDOW
	SD1	1.83m.	1.68m.	0.91m.	GLAZED WINDOW

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DIST.-NAWADA (BIHAR)

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SHEET NO.	SCALE.	NORTH.
A/03	1 : 100	

BRAJESH KUMAR SINHA
Registration No.
BR/UDHD/SE/23-0071
UDHD, Government of Bihar

SIGNATURE OF STRUCTURE

Regd. Architect
S.K. Anandkar
Council of Architecture
Reg. No. CA/2003/30588
UDHD, Bihar

SIGNATURE OF ARCHITECTS

SIGNATURE OF OWNER.

SIGNATURE OF DEVELOPER

Approved By

कार्यपालक पदाधिकारी
नगर परिषद, नवादा

The Owner/Builder to ase deviate construction from the sactioned plan. Any Deviation Found during construction for any time the entire structure will be treated as unauthorised and the owner/builder will be liable for legal action. The owner will keep a copy of sanctioned plan at the site during construction. Sanctioned Plan valid for Three Years only

Executive Officer

NAGAR PARISHAD, NAWADA (BIHAR)

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT
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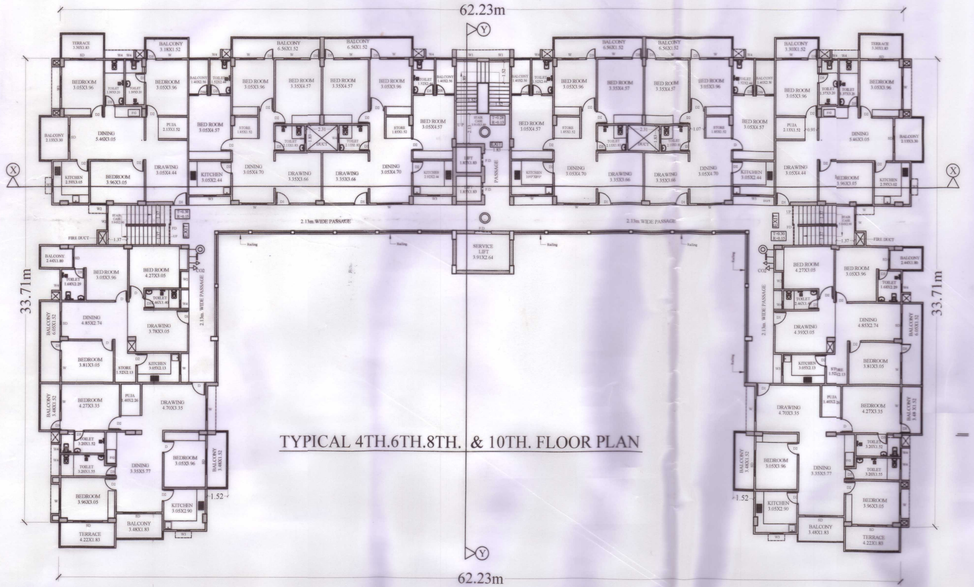
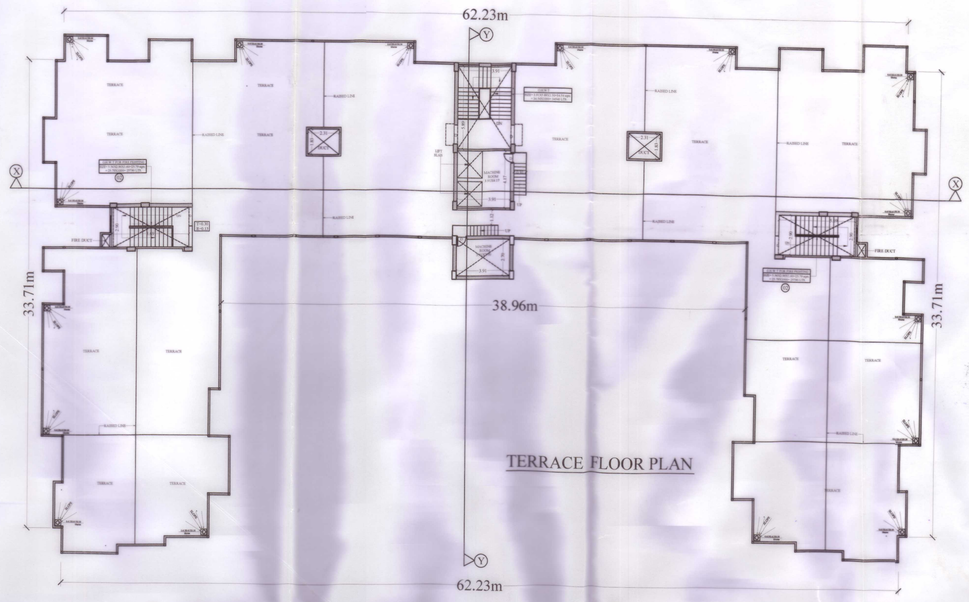
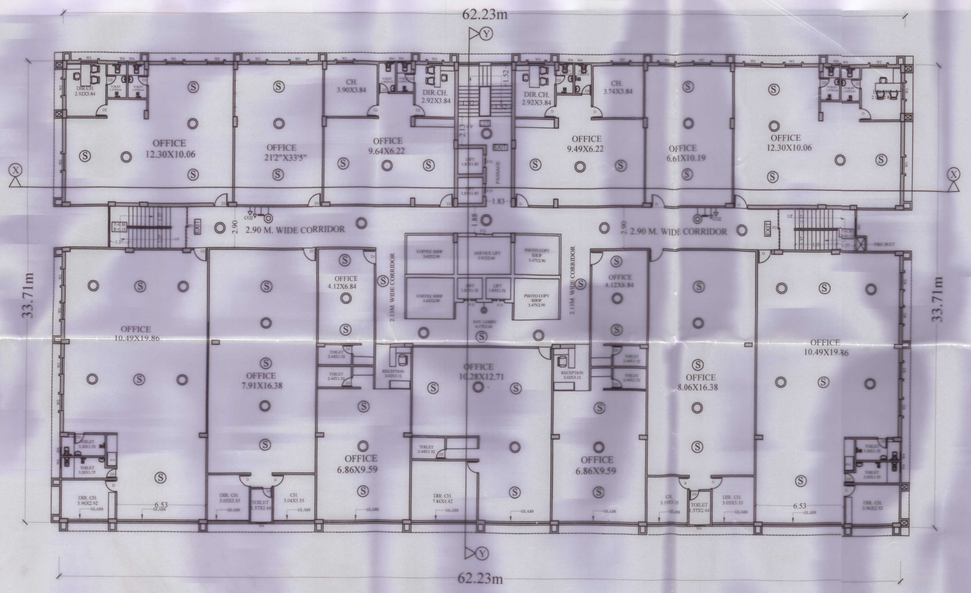


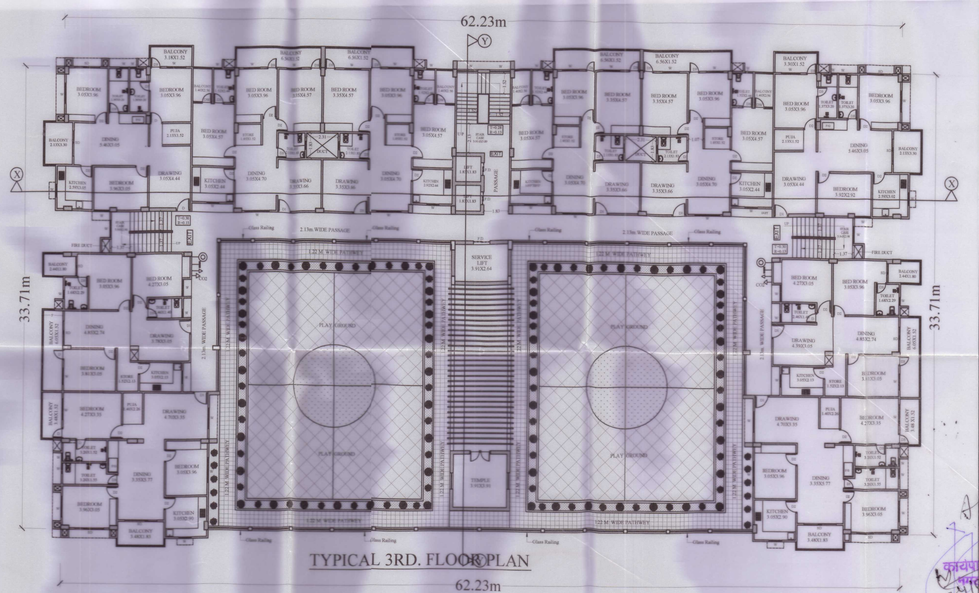
TYPICAL 4TH.6TH.8TH. & 10TH. FLOOR PLAN



TERRACE FLOOR PLAN



SECOND FLOOR PLAN



TYPICAL 3RD. FLOOR PLAN

SPECIFICATION:-

1. FOUNDATION R.C.C. UNDER REAMMED PILE FOUNDATION 10.0M DEEP WITH PROPER RE-INFORCEMENT.
2. SUPER STRUCTURE 1ST CLASS BRICK WORK IN SUPER STRUCTURE WITH CEMENT MORTAR (1:6)
3. PLINTH HEIGHT G.L. AND P.L. AS SHOWN IN SECTION
4. FLOORING 25mm THICK I.P.S. FLOORING OVER 125 TH. DRY REAMMED KHOA OVER 75mm TH. BRICK FLAT SOLLING OVER SAND FILLING
5. ROOF 10m THICK 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 FRAME.
8. PLASTER 12mm THICK CEMENT PLASTER ON BOTH SIDE OF BRICK WALL.
9. COLOURING COLOUR OR WHITE WASH AS PER CHOICE.

SCHEDULE OF DOORS & WINDOWS:-

S.N.	TYPE	WIDTH	HEIGHT	CILL	DESCRIPTION
	D	3.05m.	2.13m.	0.0m.	SINGLE LEAF DOOR
	D1	1.07m.	2.13m.	0.0m.	SINGLE LEAF DOOR
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	D3	0.76m.	2.13m.	0.0m.	GLAZED WINDOW
	W	1.83m.	1.68m.	0.91m.	GLAZED WINDOW
	W1	1.52m.	1.68m.	0.91m.	GLAZED WINDOW
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PLOT DETAILS :-

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THANA NO.- 378 ,THANA - NAWADA SADAR
DIST.-NAWADA (BIHAR)

DEVELOPER .-

RDA CONSTRUCTION SERVICES LLP
DIRECTOR.- SRI. RAJEEV KUMAR SINHA
ADDRESS.- R/o – Panchmukhi Nagar, Bhadouni, Nawada, Bihar – 805110, Near- Sobhnath mandir

SHEET NO.	SCALE.	NORTH.
A/04	1 : 100	

BRAJESH KUMAR SINHA
Registration No.
BR/UDHD/SE/23-0071
UDHD, Government of Bihar
SIGNATURE OF STRUCTURE

Regd. Architect
S.K. Anandkar
Council of Architecture
Reg. No. CA/2003/30588
UDHD, Bihar
SIGNATURE OF ARCHITECTS

(1) Rajesh Kumar Sinha
(2) Ashok Kr. Sinha
(3) [signature]

SIGNATURE OF OWNER.

SIGNATURE OF DEVELOPER

K.K.Sd
18/6/24
JE

20/06/2024
A.E.

20.6.24

Approved By

कार्यपालक पदाधिकारी
नगर परिषद, नवादा
24/6/2024

The Owner/Builder to use deviate construction from the sanctioned plan. Any deviation Found during construction for any time the entire structure will be treated as unauthorised and the owner/builder will be liable for legal action. The owner will keep a copy of sanctioned plan at the site during construction. Sanctioned Plan valid for three Years only.

Executive Officer
24/6/2024

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

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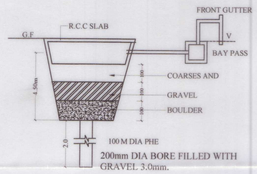
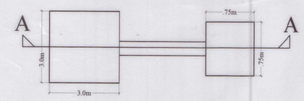
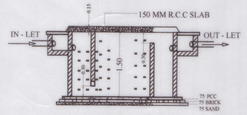
WATER HARVESTING SUMP CALCULATION

TOTAL TERRACE AREA=1323.97 sqm.
REQUIRED AREA FOR RAIN WATER HARVESTING
= 6 CU. M FOR EVERY 100 SQM. TERRACE AREA .
SO, TOTAL REQ. AREA FOR RAIN WATER
HARVESTING= 1323.97/100 X6 = 79.43 CUM.
PROVIDED SIZE = 3.0 X 3.0 X4.50 = 40.50 CU M . NO OF 2 NOS

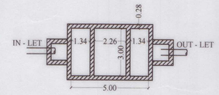




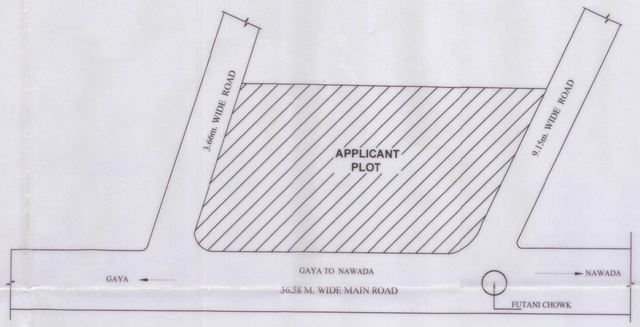
SECTION -A-A



SECTION OF SEPTIC TANK



PLAN OF SEPTIC TANK.



LOCATION PLAN NORTH.
SITE PLAN
SCALE.
1 : 200

SEPTIC TANK CALCULATION :-

COMMERCIAL
TOTAL B/U AREA= 6235.17 / 2 = 3117.58 SQM
HERE =3117.58 / 10 = 311.71 PERSONS (SAY 312 PERSONS)
1 PERSON 0.085 CU. M / PERSON / DAY
312 X 0.085 =PERSON NEED 26.52 CU. M
SIZE OF SEPTIC TANK
SIZE=5.00 X3.00 X2.00 = 30.00 CU. M (provided)

RESIDENTIAL
TOTAL NO. OF FLATS = 80
EACH FLAT 6 PERSON
TOTAL NO. OF POPULATION = 6X80 = 480 (PERSON)
1 PERSON 0.085 CU. M / PERSON / DAY
480 X 0.085 =PERSON NEED 40.80 CU. M
SIZE OF SEPTIC TANK
SIZE=6.00 X3.00 X2.50 = 45.00 CU. M (provided)

GREEN AREA CALCULATION :-

TOTAL PLOT AREA= 4976.74 SQM.
GREEN AREA REQUIRED 10% OF TOTAL
PLOT AREA = 4976.74X10%= 497.67 SQM.
GREEN AREA PROVIDED IN SIDE SET BACK 523.86 SQM

PARKING AREA CALCULATION :- COM CUM RESID.

COMMERCIAL
TOTAL B/U AREA = 6235.17 SQM (COMM.)
PARKING REQUIRED = 30% OF B/U AREA
6235.17 X 30% = 1870.55 SQM. REQ.
UPPER BASEMENT FLOOR PARKING = 2436.52 SQM.

RESIDENTIAL
TOTAL B/U AREA = 10923.17 SQM (RESI.)
PARKING REQUIRED = 25% OF B/U AREA
10923.17 X 25% =2730.79 SQM. REQ.
LOWER BASEMENT FLOOR PARKING = 3116.26 SQM.

WATER TANK CALCULATION :-

COMMERCIAL
TOTAL B/U AREA= 6235.17 / 2 = 3117.58 SQM
HERE =3117 / 10 = 311.71 PERSONS (SAY 312 PERSONS)
1 PERSON PER DAY 135 LTS. 135 X 312 = 42.12 QM. REQUIRED
PROVIDED OF WATER TANK
SIZE=5.89X3.91X2.00 = 46.05X1000=46059 Lts.

RESIDENTIAL
TOTAL NO. OF FLATS = 80
EACH FLAT 6 PERSON
TOTAL NO. OF POPULATION = 6X80 = 480 (PERSON)
EACH PERSON NEED 135 Lts. PER DAY = 480X135 =64800 Lts. (req.)
PROVIDED OF WATER TANK
SIZE=5.69X2.90X2.00 = 33.002X1000=33002 Lts. (NO OF -2 NOS)

AREA CALCULATION :-

TOTAL PLOT AREA AS / DEED	**= 5157.97 Sqm.**
TOTAL PLOT AREA AS/SITE	**= 4976.74 Sqm.**
TOTAL B/U AREA OF LOWER BASEMENT FLOOR	= 67.47 sqm.
TOTAL B/U AREA OF UPPER BASEMENT FLOOR	= 263.94 sqm.
TOTAL B/U AREA OF GROUND FLOOR	= 2078.39 sqm.
TOTAL B/U AREA OF FIRST FLOOR	= 2078.39 sqm.
TOTAL B/U AREA OF SECOND FLOOR	= 2078.39 sqm.
TOTAL B/U AREA OF THIRD FLOOR	= 1323.97 sqm.
TOTAL B/U AREA OF FORTH FLOOR	= 1323.97 sqm.
TOTAL B/U AREA OF FIFTH F LOOR	= 1323.97 sqm.
TOTAL B/U AREA OF SIXTH F LOOR	= 1323.97 sqm.
TOTAL B/U AREA OF SEVNTH FLOOR	= 1323.97 sqm.
TOTAL B/U AREA OF EIGHTH FLOOR	= 1323.97 sqm.
TOTAL B/U AREA OF NINTH FLOOR	= 1323.97 sqm.
TOTAL B/U AREA OF TENTH FLOOR	= 1323.97 sqm.
TOTAL B/U AREA	= 17158.34 sqm.

17158.34 Sqm / 4976.74 Sqm = 3.45
F.A.R = 3.45

PLOT DETAILS :-

PROPOSED COMMARICAL CUM
RESIDENTIAL BUILDING OF
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S/O RAMLAKHAN PRASAD
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SHEET NO.	SCALE.	NORTH.
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कार्यपालक पदाधिकारी
नगर परिषद, नवादा

...e Owner/Builder ... ass devia...
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...able for legal action. The owner will keep ...
...copy of sanctioned plan at the site ...
...during construction. Sanctioned Plan valid ...
...or Three Years only.

Executive Officer

NAGAR PARISHAD, NAWADA (BIHAR)

SITE PLAN NORTH.
SCALE.
1 : 100

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