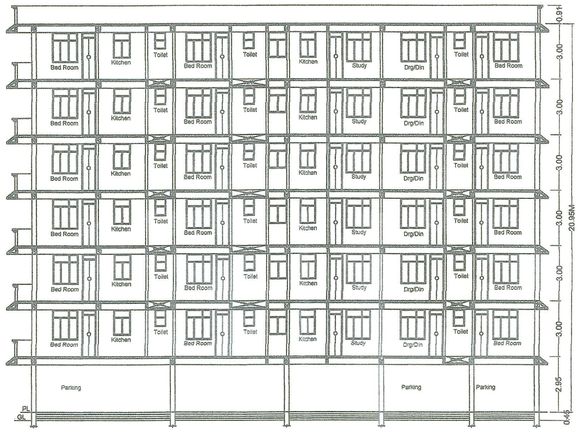
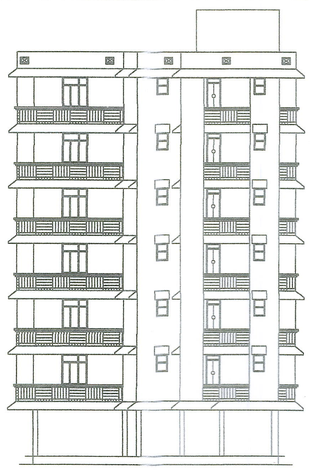


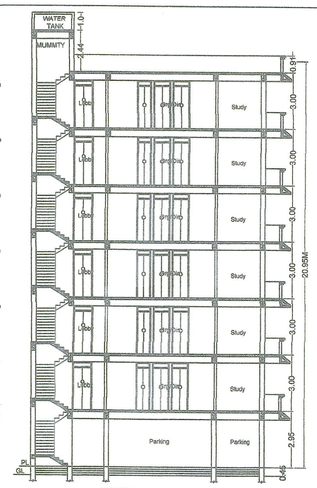
SIDE ELEVATION- (Block-A)



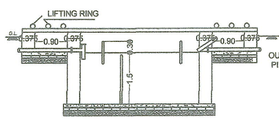
SECTION (Y-Y)-Block-A



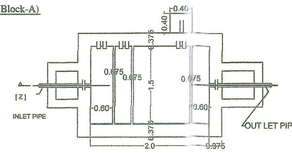
FRONT ELEVATION- (Block-A)



SECTION (X-X) - Block-A

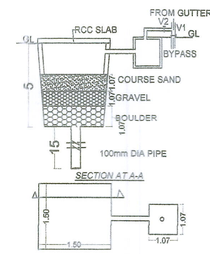


SECTION ON Z-Z



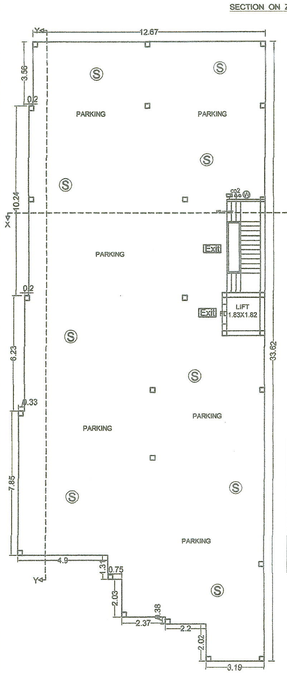
PLAN OF SOAK PIT.

LEGEND FOR FIRE FIGHTING	
1) HYDRANT SPRINKLER	
2) HOSE REEL	
3) UNDER GROUND WATER TANT WITH 60000 LTRS. CAPACITY	60000
4) OVER HEAD WATER FOR FIRE FIGHTING TANK WITH 35,000 LTR. CAPACITY,	35000 / 25000
5) SIAMESE CONNECTION	
6) ELECRICALY INSULATED METAL STRIP OF 2.50X3.50MM	
7) EXTINGUISHER	
8) FIRE WINDOW.	
9) EMERGENCY LIGHTING SYSTEM	
10) FIRE ALARM.	
11) FIRE ALARM CALL POINT.	
12) AUDIBLE WARNING DEVICE.	
13) LOUD SPEAKER OUTLET.	
14) MICROPHONE POSITION.	
15) FIRE RESISTANCE DOOR.	
16) SMOKE DETECTOR.	
17) ILLUMINATED EXIT DIRECTIONAL SIGN	EXIT
18) WET RISER	

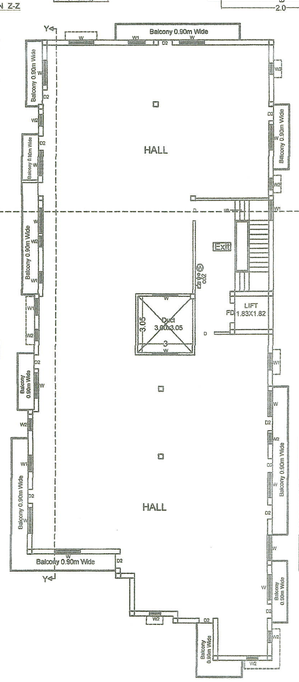


DET.OF RECHARGEBLE BORE WALL

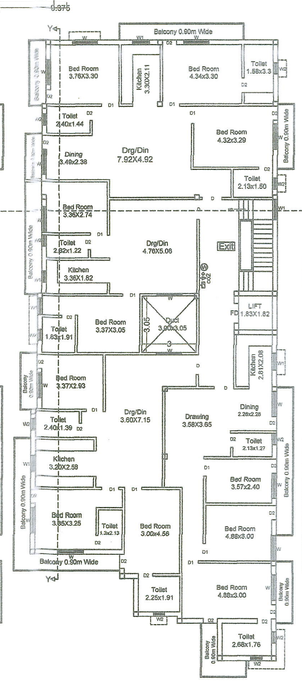
SL NO.	TYPE	WIDTH	HEIGHT	S.LVL.	LINTEL LEV.	REMARKS
1	D	1.07	2.59	0.00	2.59	PANNELED
2	D1	0.91	2.59	0.00	2.59	PANNELED
3	D2	0.76	2.59	0.00	2.59	PANNELED
4	W	1.37	1.68	0.91	2.59	PANNELED
5	W1	0.91	1.37	1.22	2.59	PANNELED
6	W2	0.61	1.22	1.47	2.59	PANNELED



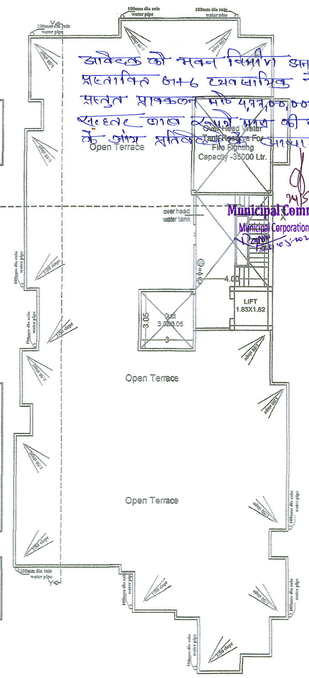
GROUND FLOOR PLAN
(Block- A)



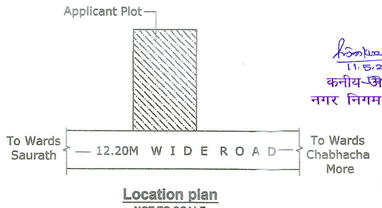
FIRST FLOOR PLAN
(Block- A)



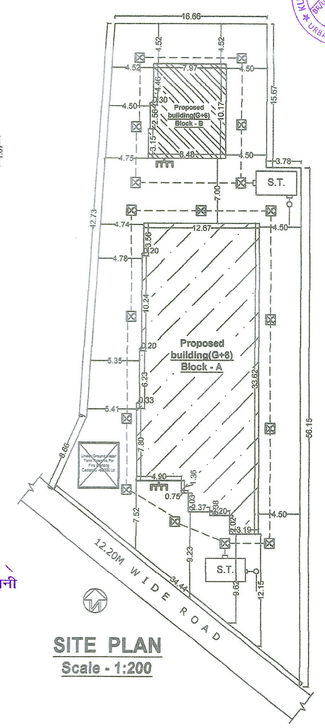
2ND TO 6TH FLOOR PLAN
(Block- A)



TERRACE PLAN
(Block- A)



Location plan
NOT TO SCALE



SITE PLAN
Scale - 1:200

TOTAL PLOT AREA = 1381.08 SQ.MT

AREA CALCULATION {BLOCK - A}

TOTAL GROUND FLOOR BUILT UP AREA	= 16.00 SQ.MT
TOTAL FIRST FLOOR BUILT UP AREA	= 440.85 SQ.MT
TOTAL SECOND FLOOR BUILT UP AREA	= 440.85 SQ.MT
TOTAL THIRD FLOOR BUILT UP AREA	= 440.85 SQ.MT
TOTAL FOURTH FLOOR BUILT UP AREA	= 440.85 SQ.MT
TOTAL FIFTH FLOOR BUILT UP AREA	= 440.85 SQ.MT
TOTAL SIXTH FLOOR BUILT UP AREA	= 440.85 SQ.MT
TOTAL BUILT UP AREA	= 2861.10 SQ.MT

AREA CALCULATION {BLOCK - B}

TOTAL GROUND FLOOR BUILT UP AREA	= 13.00 SQ.MT
TOTAL FIRST FLOOR BUILT UP AREA	= 107.15 SQ.MT
TOTAL SECOND FLOOR BUILT UP AREA	= 107.15 SQ.MT
TOTAL THIRD FLOOR BUILT UP AREA	= 107.15 SQ.MT
TOTAL FOURTH FLOOR BUILT UP AREA	= 107.15 SQ.MT
TOTAL FIFTH FLOOR BUILT UP AREA	= 107.15 SQ.MT
TOTAL SIXTH FLOOR BUILT UP AREA	= 107.15 SQ.MT
TOTAL BUILT UP AREA	= 655.90 SQ.MT

BLOCK (A+B) BUILT UP AREA = 3317.00 SQ.MT

F.A.R. - 2.40

{BLOCK-A} OCCUPAINT LOAD

TOTAL NO OF FLATS = 24
5 PERSON /FLATS
TOTAL NO OF PERSON 24X5 = 120 PERSON

WATER TANK CALCULATION

TOTAL NO OF PERSON 120 PERSON
100 L PERSON/ DAY REQUIRED WATER
120X135 = 16200.00 LITER (16.20 CUM)
SIZE OF WATER TANK
((4.93X4.00X1.20)= 23.66 CUM

SEPTIC TANK CALCULATION

TOTAL NO OF PERSON 120 PERSON
0.087 CUM/PERSON/DAY 120X0.087 = 10.44 CUM
SIZE OF SEPTIC TANK
3.50X2.00X2.00 = 14.00 CUM

PARKING CALCULATION:-

TOTAL BUILT UP AREA = 3317.00 SQ.MT.
@ 15% SERVICE AREA OF TOTAL BUILT UP AREA
= 3317.00 - 497.55 = 2819.45 SQ.MT.
TOTAL REQUIRED PARKING AREA 25% OF NET AREA
REQUIRED CAR PARKING AREA = 704.86 SQ.MT.
PROVIDE CAR PARKING AREA (Covered+Open) = 704.86 SQ.MT.

PROPOSED COMMERCIAL BUILDING OF - SRI AMIT KUMAR MEHTA, S/O SRI RAM CHANDRA MEHTA, (MITHILANGAN DEVLOPERS PVT. LTD.) AT - JAGATPUR, ANCHAL - RAHIKA, P.S. - RAHIKA, DISTT - MADHUBANI.

THANA NO.- 27, TAUZI NO.- ....., KHATA NO.- 466, 463, (O) 181, 1450 (N), KHESRA NO.- 3820, 3826, (O) 6802, 6803(N),

Regd. Architect
S.K. Anandkar
Council of Architecture
Reg. No. CA/2003/30589
UDHD, Bihar

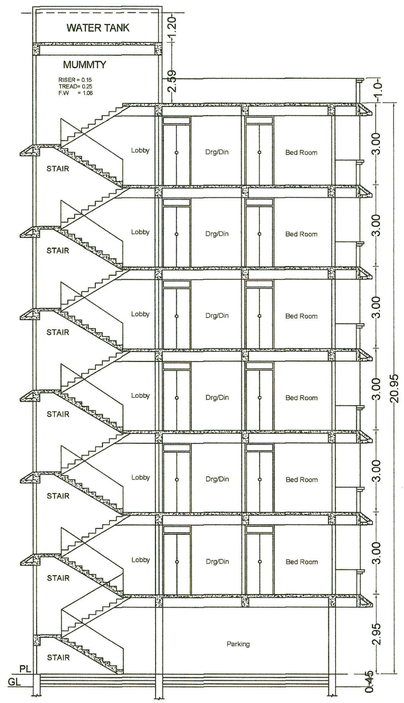
SHAILESH RANJAN, M.I.E
CIVIL ENGINEER
BMP NO.-BR/UDHD/CE/23-0019
UDHD BIHAR (PAT...

SIGNATURE OF OWNER	SIGNATURE OF ENGINEER
SCALE - 1:100	NORTH

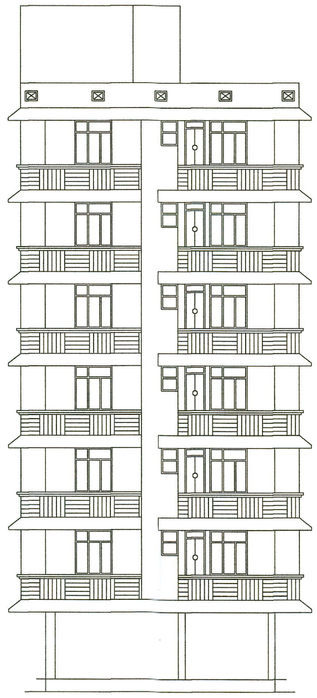
12 MAR 2024

Sheet No. - 01

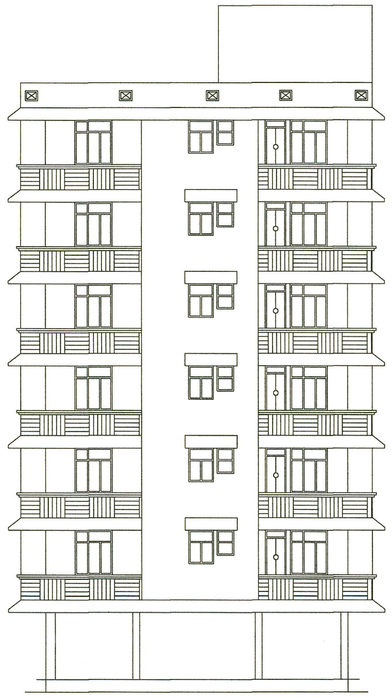
Municipal Commissioner
Municipal Corporation, Madhubani



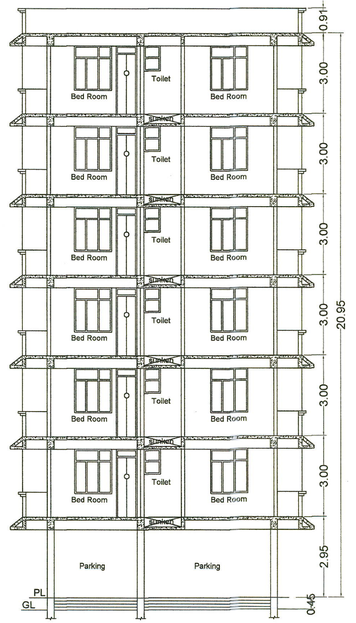
SECTION (X-X)
Block- B



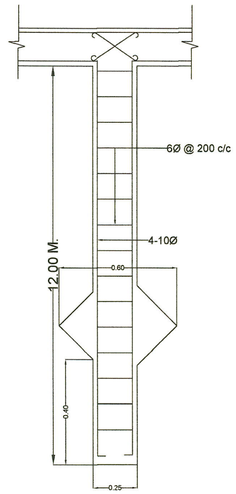
FRONT ELEVATION
Block- B



RIGHT SIDE ELEVATION
Block- B



SECTION (Y-Y)
Block- B



DETAIL OF PILE FOUNDATION

SPECIFICATION
1. R.C.C. UNDER REAMED GROUP OF PILE FOUNDATION.
2. 1ST CLASS BRICK WORK IN SUPER STRUCTURE WITH
3. 150 TH. LINTEL BEAM PROVIDED ALL OVER DOOR & WINDOWS OPENING.
4. HEIGHT OF PLINTH & FLOOR INDICATED IN SECTION
5. 0.025 TH MOSAIC FLOORING OVER 0.15 TH. DRY REAMED KHOA OVER 0.075 TH. F.B.S. OVER SAND FILLING.
6. 0.125 TH. AVG. LIME TERRACING OVER 0.100 TH. R.C.C. SLAB.
7. 12 MM. TH. CEMENT PLASTER ON BOTH SIDES OF WALL.
8. ALL DOORS WILL BE SAL WOOD FRAME & ALL WINDOW WILL GLAZED WITH STEEL FRAMES.
9. SNOWCEM CEMENT PAINT ON THE EXTERNAL WALL & WHITE WASH IN SIDE.

{BLOCK-B}
OCCUPAINT LOAD

TOTAL NO OF FLATS = 6
5 PERSON /FLATS
TOTAL NO OF PERSON 30X5 = 30 PERSON

WATER TANK CALCULATION

TOTAL NO OF PERSON 30 PERSON
100 L PERSON/ DAY REQUIRED WATER
30X135 = 4050.00 LITER {4.05 CUM}
SIZE OF WATER TANK
{(4.39X2.22X1.20)= 11.69 CUM

SEPTIC TANK CALCULATION

TOTAL NO OF PERSON 30 PERSON
0.087 CUM/PERSON/DAY 30X0.087 = 2.61 CUM
SIZE OF SEPTIC TANK
2.50X1.80X2.00 = 9.00 CUM

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(MITHILANGAN DEVLOPERS PVT. LTD.)
AT - JAGATPUR , ANCHAL - RAHIKA, P.S. - RAHIKA, DISTT - MADHUBANI.
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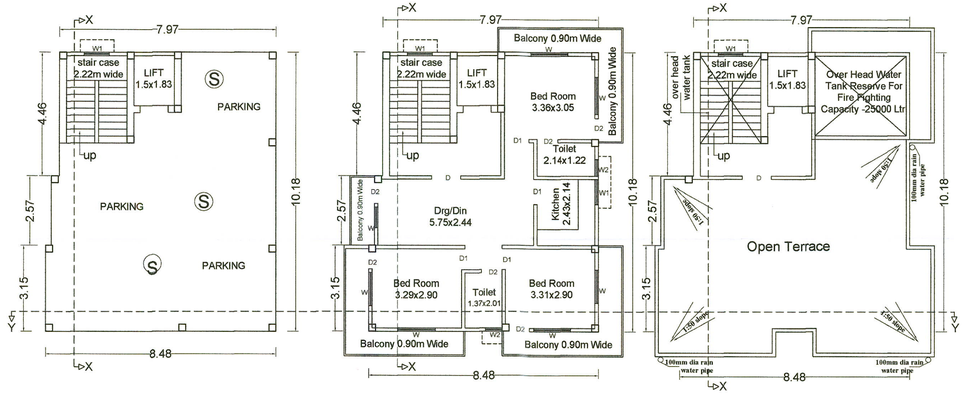
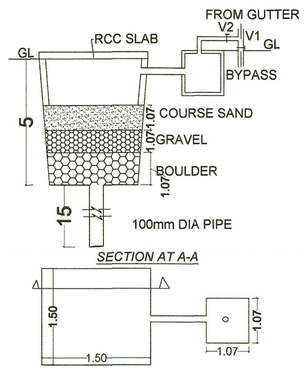


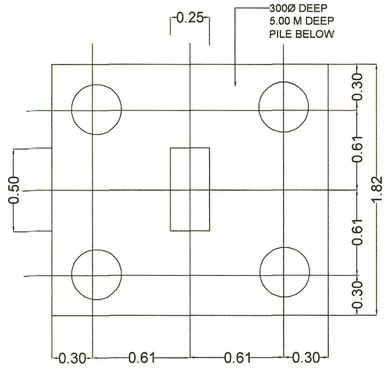
GROUND FLOOR PLAN
(Block- B)

1ST TO 6TH FLOOR PLAN
(Block- B)

TERRACE PLAN
(Block- B)



DET.OF RECHARGEBLE BORE WALL



Regd. Architect
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Er. SHAILESH RANJAN, M.I.E
CIVIL ENGINEER
MP NO.-BR/UDHD/CE/23-0016
UDHD BIHAR (PATNA)

SIGNATURE OF OWNER | SIGNATURE OF ENGINEER

SCALE - 1:100 | NORTH

Director-cum-Chief Fire officer
Bihar, Patna
12 MAR 2024

Sheet No. - 02