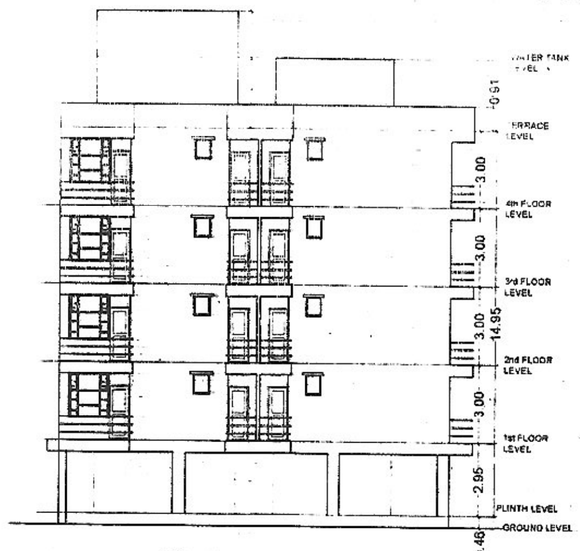
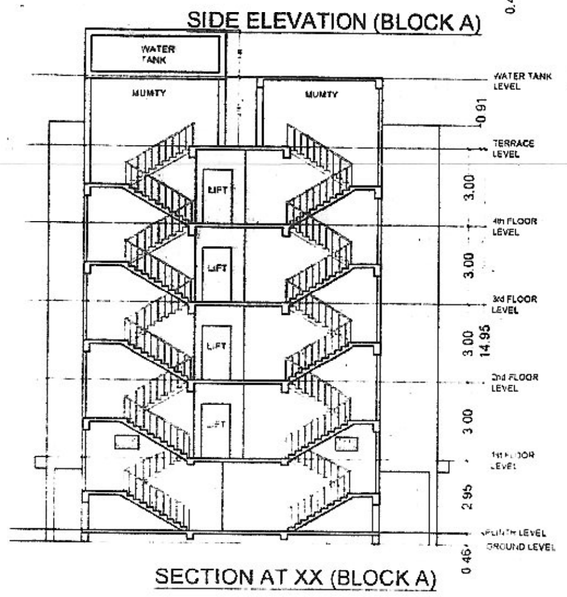
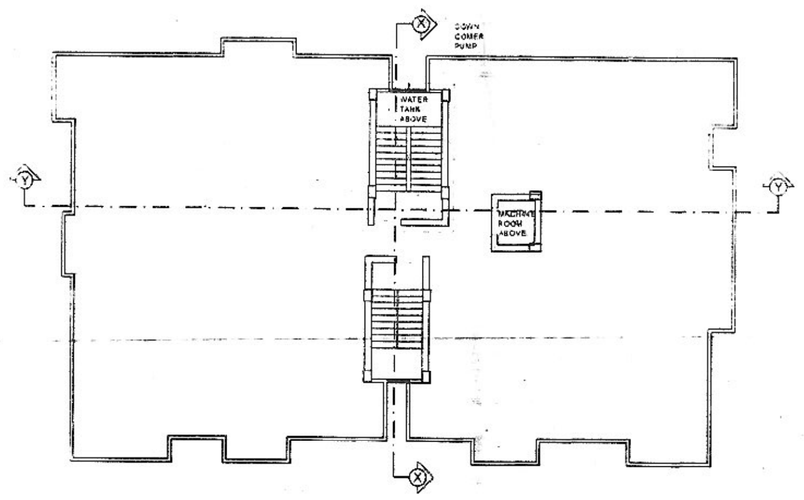


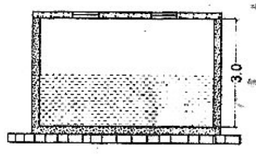
SIDE ELEVATION (BLOCK A)



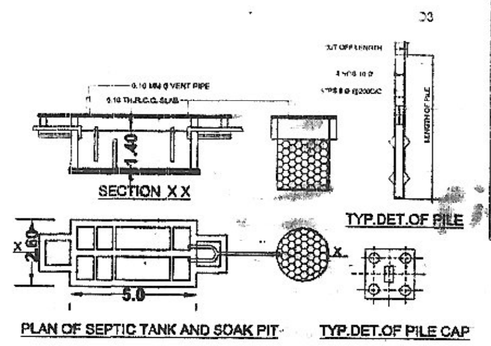
SECTION AT XX (BLOCK A)



TERRACE FLOOR PLAN (BLOCK-A)



TYPICAL SECTION OF WATER HAEVESTING SUMP



BLOCK A & B

LEGEND FOR FIRE FIGHTING

1 FIRE RESISTANT DOOR — FD
2 FIRE HYDRANT WET
3 HOSE REEL
5 FIRE EXTINGUISHER (CO2 TYPE ISI MARKED) — CO2
6 MANUAL CALL POINT
7 ILLUMINATED EXIT DIRECTIONAL SIGN
8 SIAMESE CONNECTION
9 AUTOMATIC INDICATOR PANEL — EXIT

WATER HARVESTING SUMP CALCULATION :-

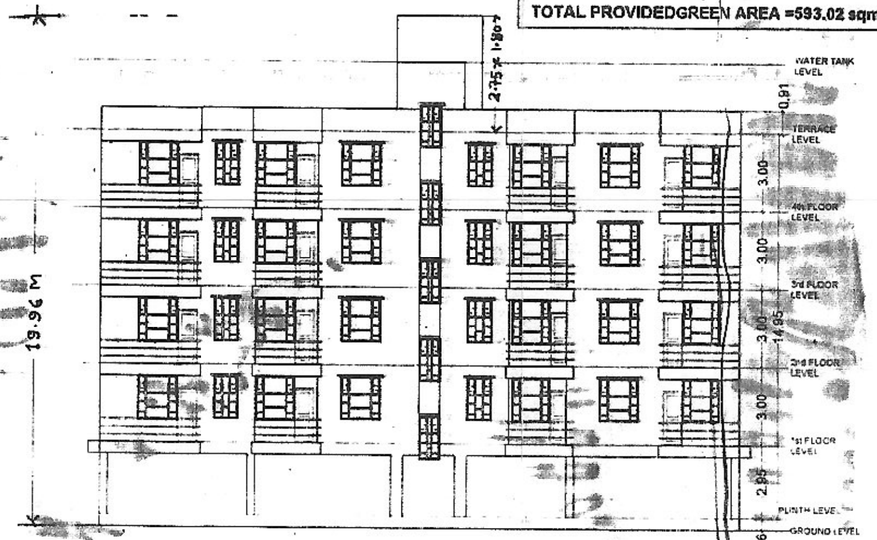
BLOCK-A
TERRACE FLOOR AREA = 385.92 sqm.
RAIN WATER HARVESTING SUMP REQ. 6 CUM FOR EVERY 100 SQM. TERRACE AREA,
SO TOTAL
REQ. CAPACITY OF SUMP = 3.85 x 6 = 23.10 CUM.
PROVIDED TANK SIZE =4.0x2.0x3.0 = 24 cum
TOTAL VOLUME OF SUMP = 24 cum

BLOCK-B
TERRACE FLOOR AREA = 356.53 sqm.
RAIN WATER HARVESTING SUMP REQ. 6 CUM FOR EVERY 100 SQM. TERRACE AREA,
SO TOTAL
REQ. CAPACITY OF SUMP = 3.66 x 6 = 21.96 CUM.
PROVIDED TANK SIZE =4.0x2.8x2.0 = 22.40 cum
TOTAL VOLUME OF SUMP = 22.40 cum

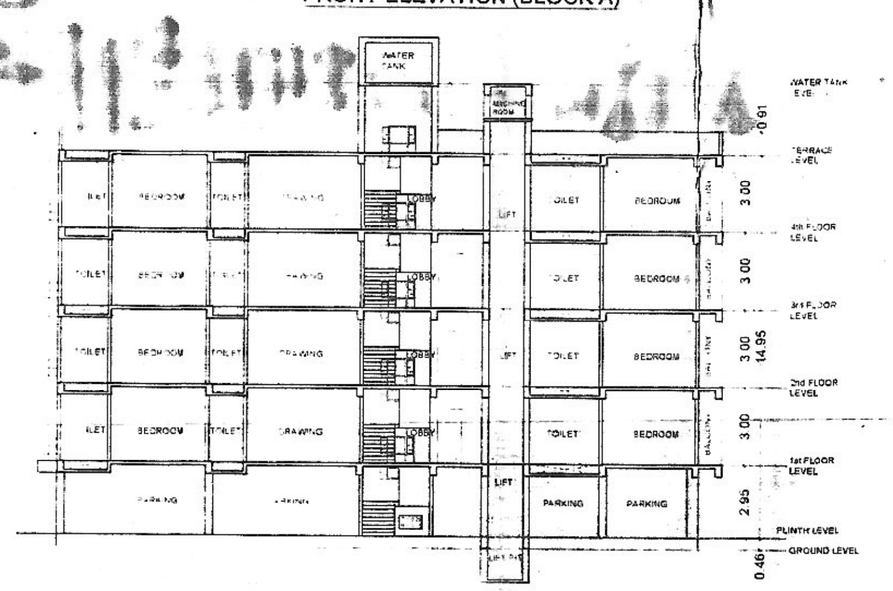
GREEN AREA CALCULATION :-

REQUIRED GREEN AREA 10% of TOTAL PLOT AREA
TOTAL PLOT AREA= 1345.47 sqm
So, REQUIRED GREEN AREA = 134.54 sqm

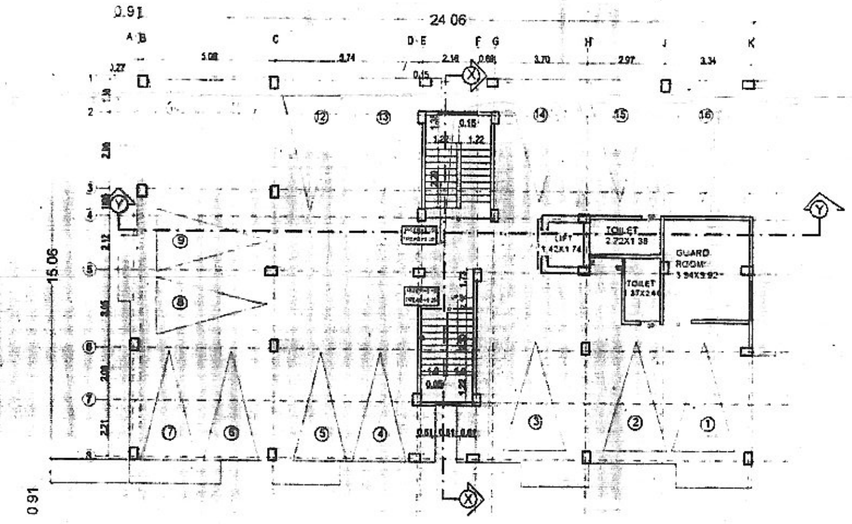
TOTAL PROVIDEDGREEN AREA =593.02 sqm



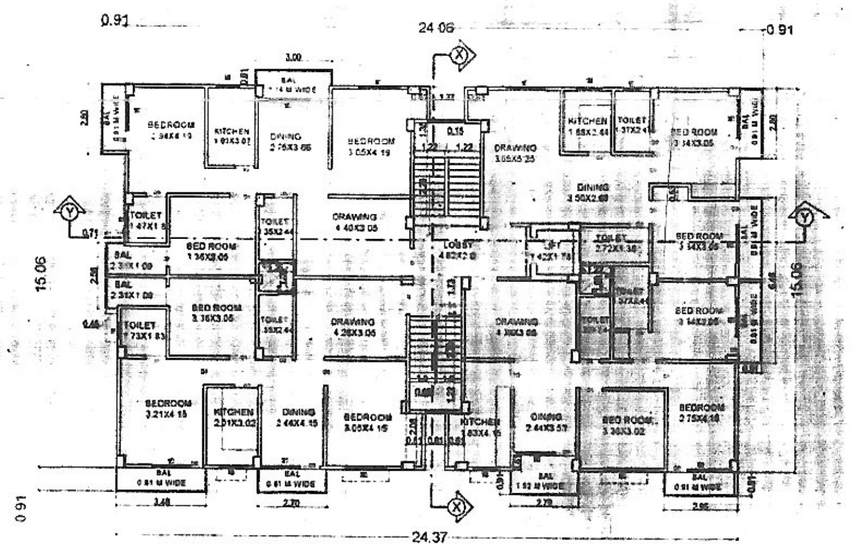
FRONT ELEVATION (BLOCK A)



SECTION AT YY (BLOCK A)



GROUND FLOOR PLAN (BLOCK-A)



TYPICAL 1ST TO 4RTH FLOOR PLAN (BLOCK-A)

OCCUPANT LOAD (RESIDENTIAL)

BLOCK - A
NUMBER OF FLATS =16
5 PERSON / FLAT
NUMBER OF PERSON = 16X5 = 80 PERSONS
BLOCK - B
NUMBER OF FLATS =16
5 PERSON / FLAT
NUMBER OF PERSON = 16X5 = 80 PERSONS

SEPTIC TANK CALCULATION

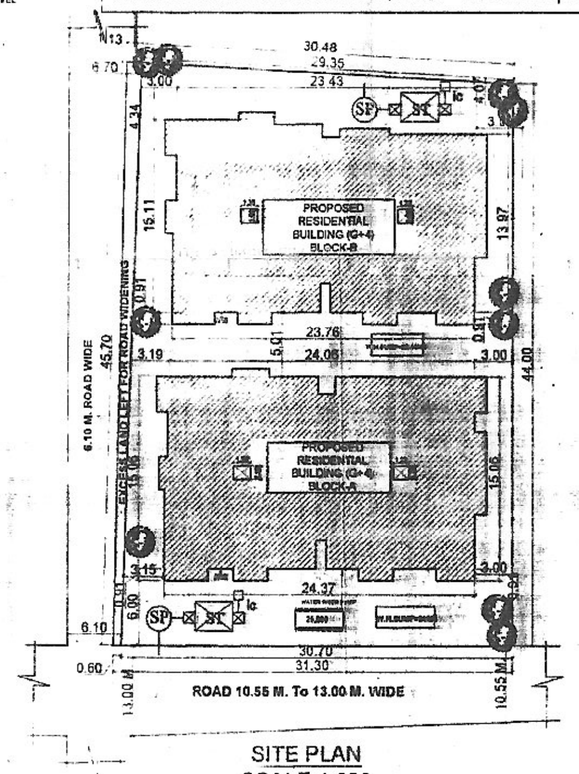
BLOCK - A
0.087M3/PERSON/DAY
SEPTIC TANK CAPACITY
0.087 x 80 = 6.96 M3 (Required)
(3.05 X2.0M X 1.52M) = 9.27 M3 (Provided)
BLOCK - B
0.087M3/PERSON/DAY
SEPTIC TANK CAPACITY
0.087 x 80 = 6.96 M3 (Required)
(3.05 X2.0M X 1.52M) = 9.27 M3 (Provided)

WATER TANK CALCULATION

BLOCK - A
135 LTRS./PERSON / DAY WATER CONSUMPTION
135 X 1.33 X 80 = 14364 LTRS = 14.36 (M3)
10,000 LTRS. FOR FIRE FIGHTING = 10 (M3)
TOTAL= 14.36+10= 24.36 M3 (REQ)
WATER TANK SIZE PROVIDED
(5.33M X 3.10M X1.80M) = 29.74 M3 (PROVIDED)
BLOCK - B
135 LTRS./PERSON / DAY WATER CONSUMPTION
135 X 1.33 X 80 = 14364 LTRS = 14.36 (M3)
10,000 LTRS. FOR FIRE FIGHTING = 10 (M3)
TOTAL= 14.36+10= 24.36 M3 (REQ)
WATER TANK SIZE PROVIDED
(5.33M X 3.10M X1.80M) = 29.74 M3 (PROVIDED)

PARKING CALCULATION.

BLOCK - A
Req. PARKING @ 25% of TOTAL BUILT UP AREA
25 % OF TOTAL BUILT UP AREA = $\frac{1465.38 \times 25}{100}$
= 366.34
AREA PROVIDED FOR PARKING = 390.21 Sqm
BLOCK - B
Req. PARKING @ 25% of TOTAL BUILT UP AREA
25 % OF TOTAL BUILT UP AREA = $\frac{1385.68 \times 25}{100}$
= 346.42
AREA PROVIDED FOR PARKING = 378.60 Sqm



SITE PLAN
SCALE 1:200

AREA STATEMENT

TOTAL PLOT AREA (As Per Deed)	= 1659.81 Sqm.
TOTAL PLOT AREA (AS Per Plot)	= 1385.416 Sqm.
LAND STRIP FOR ROAD WIDENING	= 39.530 Sqm.
NET PLOT AREA	= 1345.47 Sqm.
BLOCK - A	
GROUND FLOOR BUILT UP AREA	= 42.72 Sqm.
TYPICAL FLOOR BUILT UP AREA	= 355.665 Sqm.
1ST TO 4TH FLOOR BUILT UP AREA	=355.665X4 Sqm.
TOTAL BUILT UP AREA	=1465.38 Sqm.
BLOCK - B	
GROUND FLOOR BUILT UP AREA	= 42.72 Sqm.
TYPICAL FLOOR BUILT UP AREA	= 335.74 Sqm.
1ST TO 4TH FLOOR BUILT UP AREA	=335.74X4 Sqm.
TOTAL BUILT UP AREA	=1385.68 Sqm.

TOTAL BUILT UP AREA OF BLOCK A+B =1465.38+1385.68 Sqm.
= 2851.06 Sqm.

F.A.R= 2.11, COVERAGE= 51.38%

PROPOSED RESIDENTIAL BUILDING OF
1) Sri. KAILASH SINGH
S/o - Late Raghun Singh
2) Sri. VISHWAJEET KUMAR
3) Sri. INDRAJEET KUMAR
4) Sri. PREMJEET KUMAR
S/o - Kailash Singh
5) SMT. SULBHA DEVI
W/o - Sri Binay Kumar Singh
D/o - Late Raghun Singh
PLOT NO. - 1242,1243
KHATA NO. - 135,163
TAUZI NO. - 5553
MAUZA - DHANAUT
THANA NO. - 20
DISTT - PATNA

NORTH N | SHEET NO 02/02

SIGNATURE OF OWNER / DEVELOPER

SHARDE UNI HOMES
Partner — Managing Partner

DEVELOPER- SHARDE UNI HOMES
Patna Nagar Nigam
Reg. No.- 1316/2015

SHAILENDRA KUMAR
Structural Engineer
Empanelment No: SE/05/15
Patna Municipal Corporation

SIGNATURE OF STR. ENG.

JIWACHH KUMAR
ARCHITECT
PATNA NAGAR NIGAM
Reg. No.- AR/2015

SIGNATURE OF ARCHITECT

PATNA MUNICIPAL CORPORATION
PATNA REGIONAL DEVELOPMENT AUTHORITY (DISSOLVED)
PP/Commercial/2015/1316/22.12.16
Sanction of Plan Accepted under Section 314, 315, 316 & 317 of the Bihar Act 2007 by the Municipal Corporation, Patna on.....
Date 27.12.16
CONSTRUCTION AS PER PLAN ACCORDED

सहायक निदेशक
शहरी योजना शाखा
पटना नगर निगम

सत्येन्द्र कु० सिंह
उप-निदेशक
शहरी योजना
पटना नगर निगम

SHARDE UNI HOMES
Managing Partner