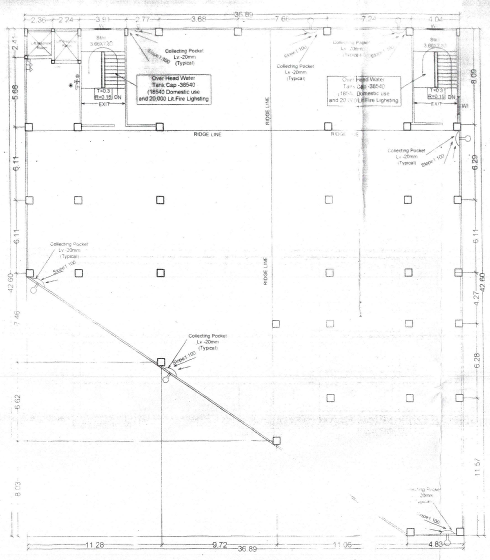
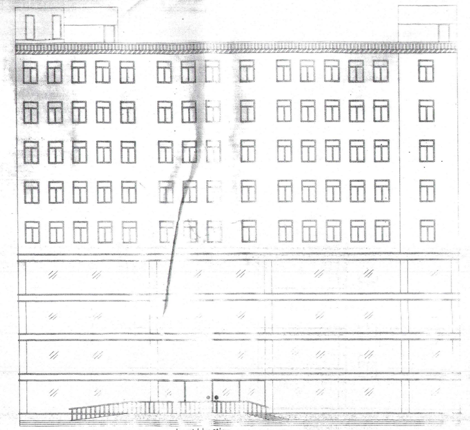
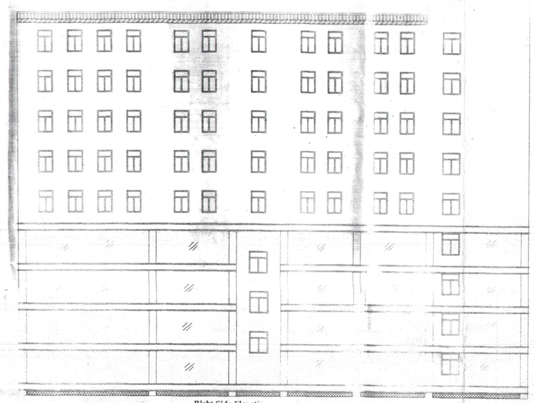


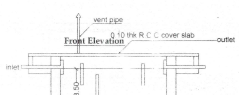
TERRACE PLAN



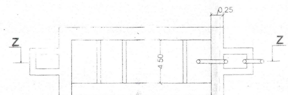
Front Elevation



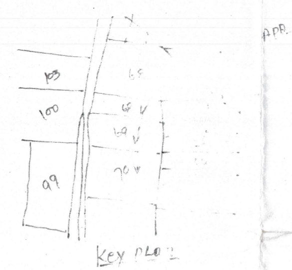
Right Side Elevation



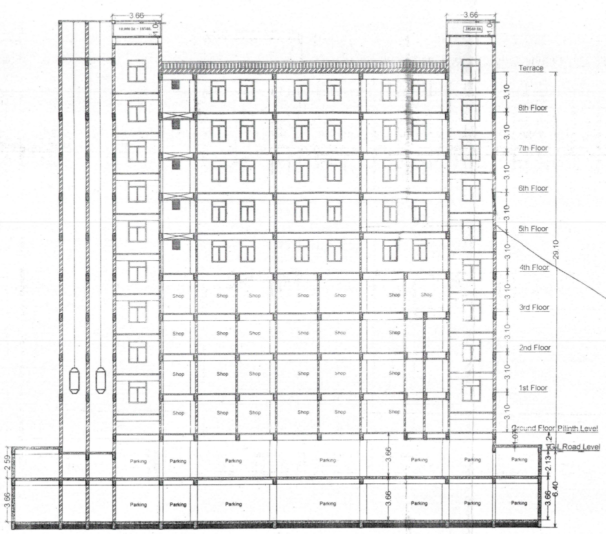
SECTION Z-Z



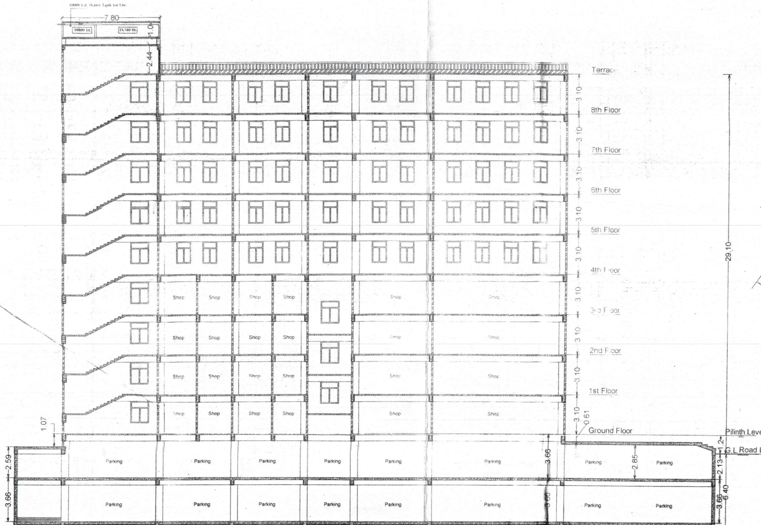
SEPTIC TANK



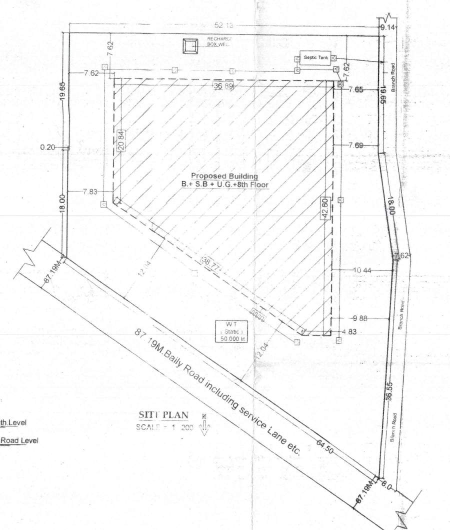
Key PLOT



SECTION X-X



SECTION Y-Y



SITE PLAN

1. FOUNDATION
   R.C.C UNDER REAMED FOUNDATION
2. FLOORING
   0.025 M THK IPS FLOORING OVER 0.15M DRY RAMMED KHOA OVER ONE LAYER BRICK FLAT SOLING OVER 0.15M THK LOCAL SAND FILLING
3. SUPERSTRUCTURE
   FIRST CLASS BRICK WORK IN CEMENT MORTAR 1 : 6
4. RCC WORK
   ALL RCC WORK IN 1 : 2 : 4 WITH PROPER REINFORCEMENT
5. RERRACING
   0.10M AVERAGE LIME TERRACING OVER 0.10 M THK RCC FLOOR SLAB
6. PLASTER
   0.012 M THK PLASTER ON BOTH SIDE WALL IN 1 : 6 CEMENT MORTAR @ 0.06 M THK CEILING PLASTER IN 1 : 4 CEMENT MORTAR
7. ALL DOOR & WINDOW SHALL BE PAINTED TWO COAT OVER A COAT OF PRIM

DOOR & WINDOW SCHEDULE

Symbol	Detail	Width	Height	Sill Level	Material Type
D1	Door	1.52	2.13	0	Fully Panneled Door
D2	Door	1.22	2.13	0	Fully Panneled Door
D3	Door	0.75	2.13	0	Fully Panneled Door
W1	Window	1.52	1.85	0.75	Fully Glazed window
W2	Window	1.22	1.85	0.75	Fully Glazed window
W3	Window	0.91	1.54	1.06	Fully Glazed window
W4	Window	0.60	0.76	1.84	Fully Glazed window

AREA CALCULATION

TOTAL PLOT AREA =2994.14 Sqm
Complet Basement BUILT UP AREA =00.00Sqm
Semi Basement BUILT UP AREA =25.41 Sqm
GROUND FLOOR BUILT UP AREA =1173.42 Sqm
FIRST FLOOR BUILT UP AREA =1077.23 Sqm
SECOND FLOOR BUILT UP AREA =1077.23 Sqm
THIRD FLOOR BUILT UP AREA =1077.23 Sqm
FOURTH FLOOR BUILT UP AREA =1181.22 Sqm
FIFTH FLOOR BUILT UP AREA =1181.22 Sqm
SIXTH FLOOR BUILT UP AREA =1181.22 Sqm
SEVENTH FLOOR BUILT UP AREA =1181.22 Sqm
EIGHTH FLOOR BUILT UP AREA =1181.22 Sqm
TOTAL BUILT UP AREA =10336.62 Sqm
F.A.R Achieved = [illegible] 994.14 = 3.45

RAIN WATER HARVESTING CHAMBER CALCULATION

TOTAL TERRACE AREA [illegible] 22 Sqm
REQUIRED VOLUME FOR [illegible] H CHAMBER(1221.22X6/100 = 73.27 CUM
PROVIDED [illegible] M DEEP) = [illegible] D/4)·H
[illegible] 3.14X(3.0²/4)X10 = 7.7[illegible] CUM

PARKING CALCULATION

Required Parking Area
Parking Area required for Commercial = 10336.62 X 35 %=3617.81 sq[illegible]
Available Parking Area
1st Basement Parking Area = 2077.88 Sqm
2nd Basement Parking Area = 2077.88 Sqm
Available Parking Area = 4155.76 Sqm

WATER TANK CALCULATION

TOTAL COMMERCIAL AREA = 10336.62 Sqm
ONE PERSON [illegible] Sqm. 10(?) Per Person 1033.66
WATER REQUIREMENT @ 45 LT. PER DAY PER PERSON
1033.66X45= 46514.7 LIT =46.51 CUM
[illegible] Provided 80X3.66X1.[illegible] 28.54x2 =57.08CUM

SEPTIC TANK CALCULATION

TOTAL NO OF PERSON 1033
REQUIRED CAPACITY [illegible]5X1033 = 87.80 CUM
5.80 x 4.50 x 3.50 = 91.35 CUM

FIRE LIGEND

[illegible] SPRINKLER [illegible] PER [illegible]
O/H WATER [illegible] CAPACITY FOR FIRE = 20.000 LIT
U/G WATER [illegible] CAPACITY FOR FIRE = 50000 LIT
[illegible]
FIRE H[illegible]
[illegible] ALARM SYSTEM
SEAMENSE CONNECTION
MANUAL CALL POINT
EMERGENCY LIGHT
FIRE EXTINGUISHER CO2 TYP[illegible]
20.000 Lt. overhead water tank for fire saf[illegible]
[illegible] COVERED WITH [illegible] OMATIC HEAD SMOKE [illegible] DETECTORS

PROPOSED MALL CUM COMMERCIAL COMPLEX OF :-
1. Sri Amarnath Prasad S/O Late Bhagwat Prasad
2. Sri Jai Nath Prasad S/O Late Bhagwat Prasad
3. Sri Binay Kumar S/O Late Bhagwat Prasad

Plot NO. - 68,69 & 70
Mauza - Saguna
Dist. - Patna

Khata No. -191,192&193
Thana -Danapur
Thana No. 23

SCALE = 1 : 100 OR Mentioned

Sheet - NO - 02

SIGNATURE OF OWNER / FIRM / COMPNAY

Arun Kumar Singh
(B.E. Civil)
Danapur Nagar Parishad
LIC No.-08/Er/2015/NPDN
SIGNATURE OF ENGINEER

Arun Kumar Singh
(Structural Engineer)
Danapur Nagar Parishad
LIC No.-05/STRE/2015/NPDN
SIGNATURE OF STRUCTURAL ENGINEER

J.E.
Nagar Parishad Danapur Nizamat

Building Plan No. 79