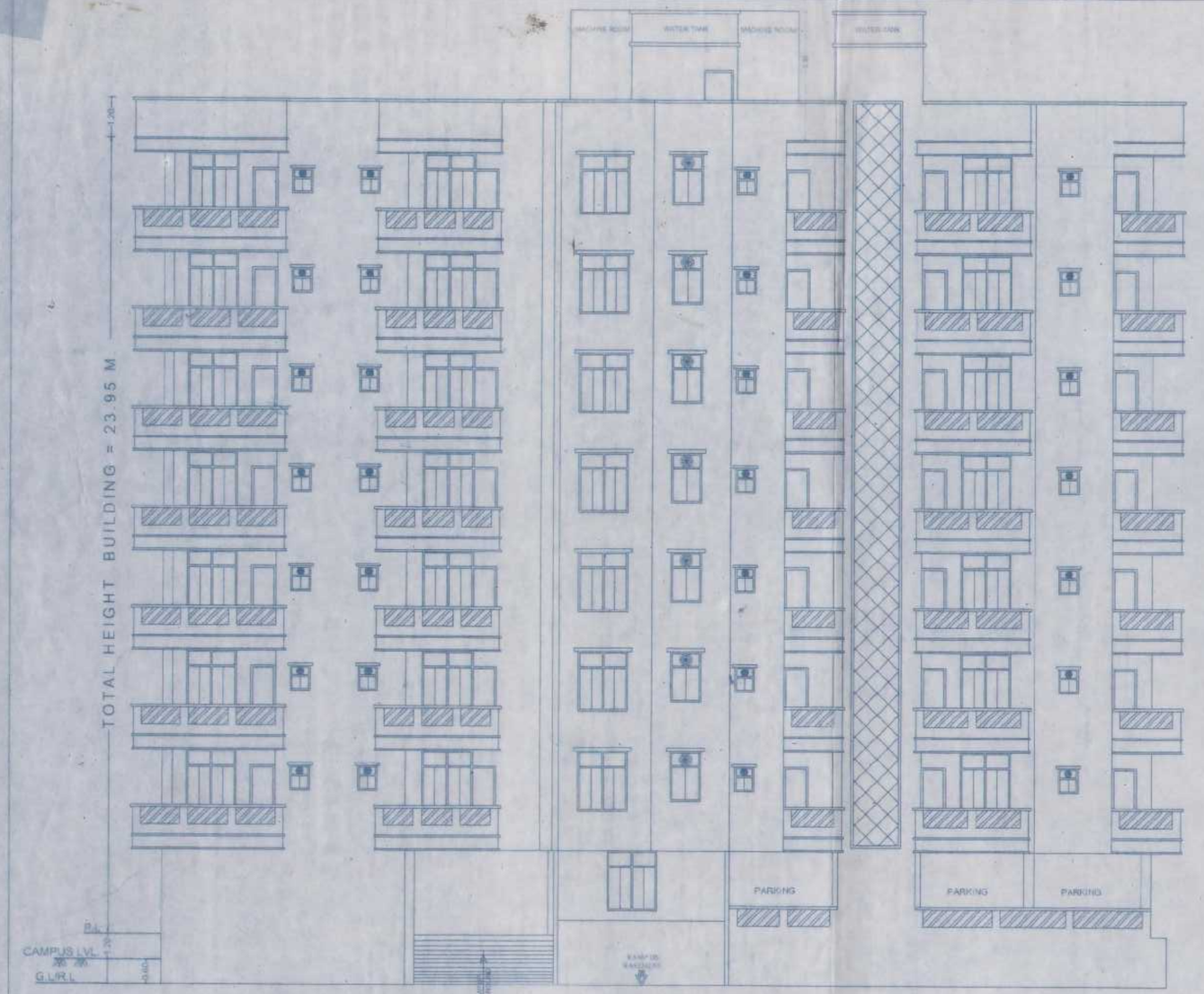
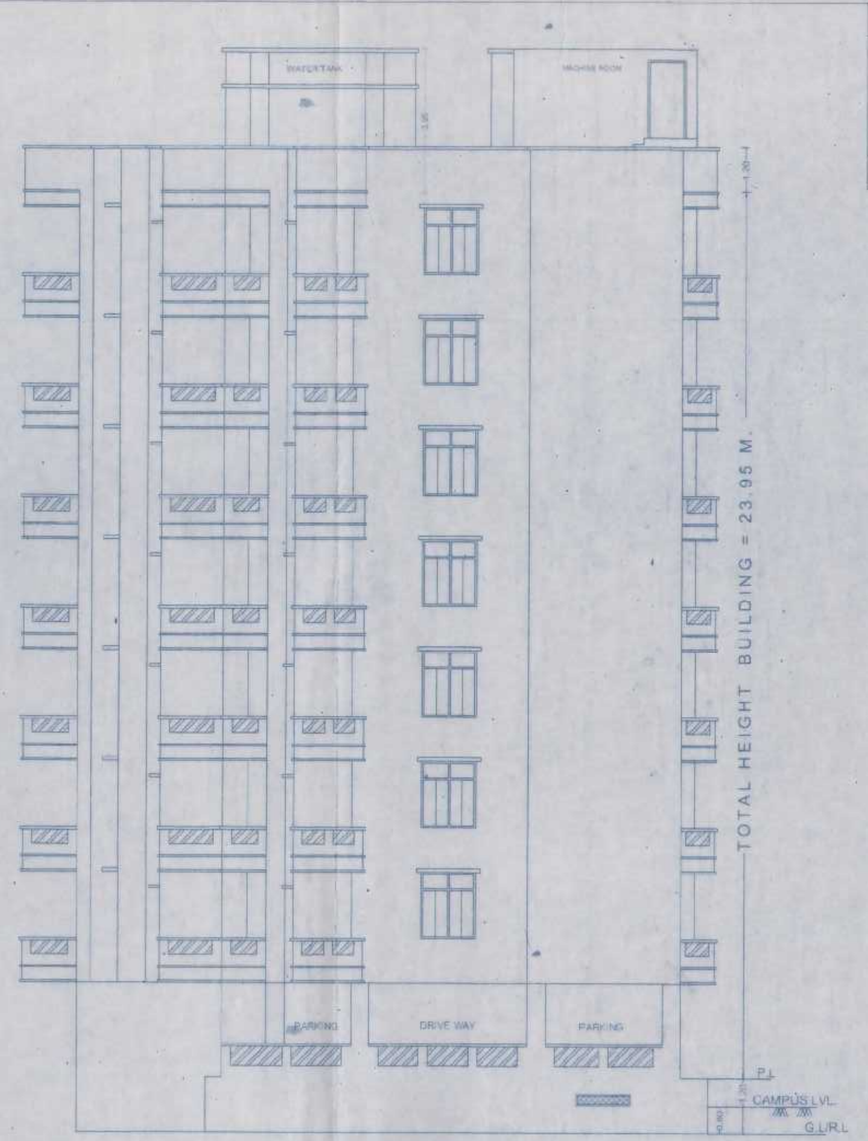
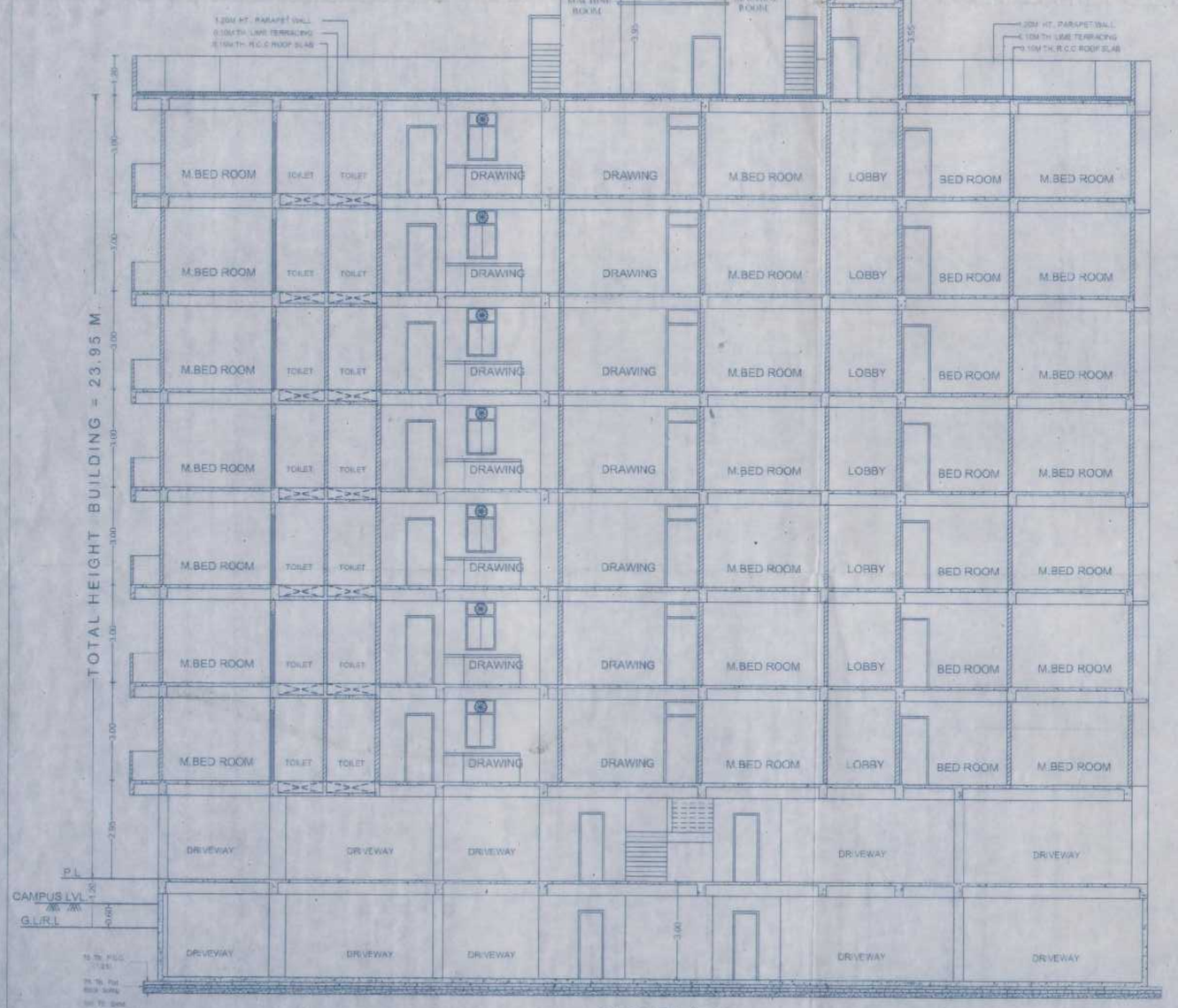


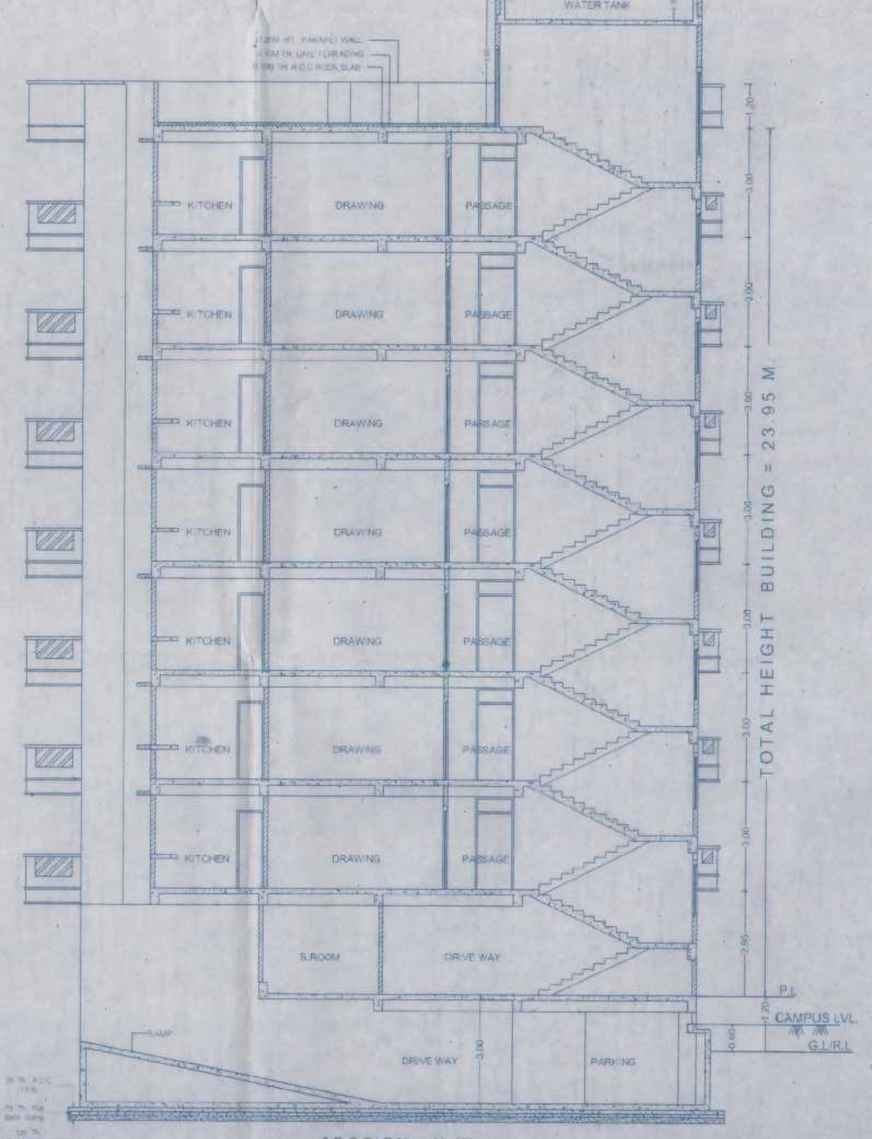
FRONT ELEVATION
SCALE - 1:100



SOUTH SIDE ELEVATION
SCALE - 1:100



SECTION X - X
SCALE - 1:100



SECTION - Y Y'
SCALE - 1:100

RAIN WATER HARVESTING CALCULATION.

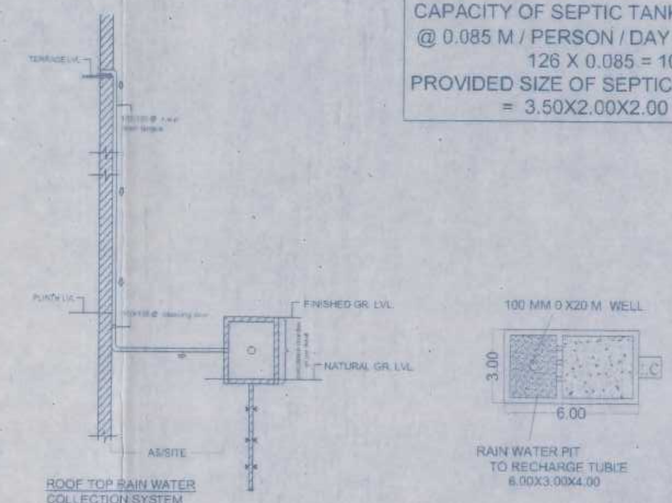
TOTAL PLOT AREA = 1076.28M^2
RECHARGE PIT CAPACITY @ 6M^3 FOR 100M^2
SO, 1076.28M REQUIRED RECHARGE PIT AREA
= 10.76X6 = 64.56M^3
RECHARGE PIT SIZE PROVIDED
= 6.00X3.00X4.00 = 72.00M^3

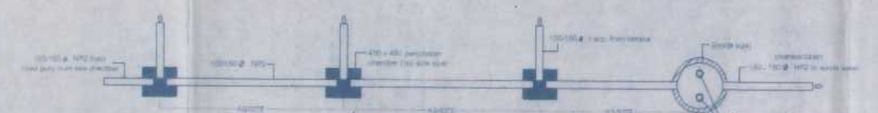
WATER TANK CALCULATION.

TOTAL NOS OF FLAT = 21
ASSUME 5 PERSONS /FLAT REQ. 21X5 = 105
TOTAL NOS OF PERSON = 105
ADD 20 % EXTRA = 126 PERSON.
ASSUME 126 LTR WATER CONSUMPTION/PER /DAY
= 126 X135 + 6000(FOR FIRE FIGHTING)
= 23010 lit. = 23.01 M^3
TOTAL SIZE OF WATER TANK PROVIDED
1) 3.40X5.74X1.00 = 19.51M^3
2) 5.29X2.40X1.00 = 12.70M^3
TOTAL SIZE OF WATER TANK PROVIDED
= 19.51 + 12.70 = 32.21M^3

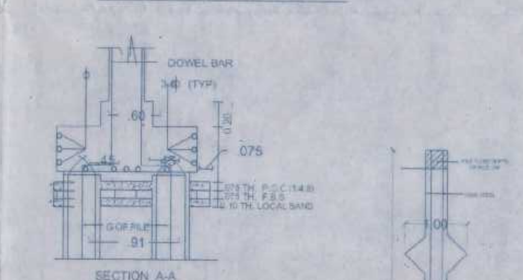
SEPTIC TANK CALCULATION.

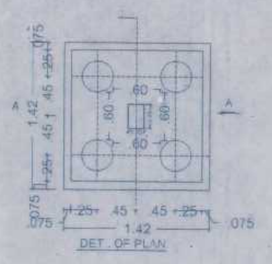
TOTAL NOS OF FLAT = 21
ASSUME 5 PERSONS /FLAT REQ. 21X5 = 105
TOTAL NOS OF PERSON = 105
ADD 20 % EXTRA = 126 PERSON.
CAPACITY OF SEPTIC TANK FOR 126 PERSON
@ 0.085 M / PERSON / DAY
126 X 0.085 = 10.71M^3
PROVIDED SIZE OF SEPTIC TANK
= 3.50X2.00X2.00 = 14.00 M^3

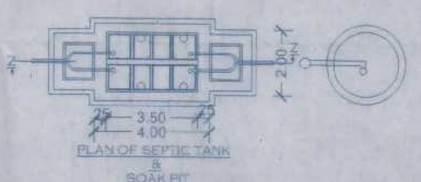


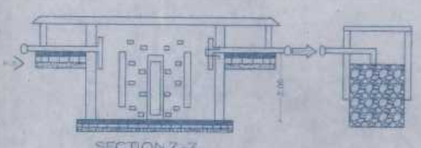


Plan of Surface Water Percolation System To Sub-Soil
WATER HARVESTING PLANT









SPECIFICATION

(1) FOUNDATION :- R.C.C. PILE FOUNDATION.
(2) SUPER STRUCATURE :- 1ST CLASS BRICK WORK IN CEMENT MORTAR
(3) FLOORING :- 025 TH P.C.C FLOORING OVER 10 CM TH RAMMED KHOA OVER ONE LAYER BRK FLAT SOLING OVER LOCAL SAND FILLING.
(4) R.C.C. WORK :- SLAB, LINTEL, STAIR, BEAM & CHAJJA IN 1 : 1-1/2 : 3 WITH PROPER RSN FOR CEMENT.
(5) TERRACING :- 10TH AVERAGE LIME TERRACING OVER 10 TH R.C.C. ROOF SLAB
(6) PLASTER :- 012 TH CEMENT PLASTER ON BOTH SIDE WALL & 006 CEMENT PLASTER ON CELING.
(7) DRAIN :- 18 CM WIDE & 30 CM DEEP PUCCA DRAIN ROUND IN THE BUILDING.
(8) COLOUR :- AS PER CHOICE.

-: FIRE LEGEND :-

1.	UNDER GROUND WATER TANK OF 20000 LTRS. CAP.	25,000 LTRS.
2.	FIRE RESISTANCE DOOR	FD
3.	FIRE HYDRANT SYSTEM	W
4.	HOSE REEL	
5.	MANUAL CALL ALARM POINT	
6.	FIRE EXTINGUISHER CO2 TYPE	
7.	ILLUMINATED EXIT DIRECTIONAL SIGN	EXIT
8.	SEAMESE CONNECTION	SWING
9.	EMERGENCY LIGHTING SYSTEM	
10.	FIRE SPRINKLER	S
11.	SMOKE DETECTOR	S S A

PROJECT:-
PROPOSED RESIDENTIAL BUILDING FOR
1)Smt.URMILA DEVI, W/o LATE BHAWNATH SHARMA
2)Sri.ARUN KUMAR,
3)Sri.AMRENDRA KUMAR, } S/o- LATE BHAWNATH SHARMA
4)Prof.MATUK NATH CHOUDHARY,
5)Prof.SHASHI BHUSHAN CHOUDHARY, } S/o- LATE YUGAL KISHORE CHOUDHARY
6)Smt.SURYA MANI DEVI, W/o- Sri.BALMIKI PRASAD.
S PLOT NO - 272, KHATA NO - 11,TAUZINO-355
THANA NO - 25, MAUZA - PAKRI, PATNA.

DEVLOPER-KASHYAP GREEN HOMES PVT. LTD.

SIGNATURE OF ARCH. ENG.

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

SIGNATURE OF OWNER | SIGNATURE OF STR. ENG.

PATNA MUNICIPAL CORPORATION
Subject to the Consent Authority Discussion
Case No. P/Pakri/PRN/BTG+7/249 — 2016
Sanction of Plan Accorded under Section 314, 315, 316 & 317 of the Bihar Municipal Act 2007 by the Municipal Commissioner, Patna on
Date 18.11.2016
SANCTION OF PLAN ACCORDED

सहायक निदेशक
शहरी योजना शाखा
पटना नगर निगम

सत्येन्द्र कु० सिंह
उप-निदेशक
शहरी योजना
पटना नगर निगम

02/02