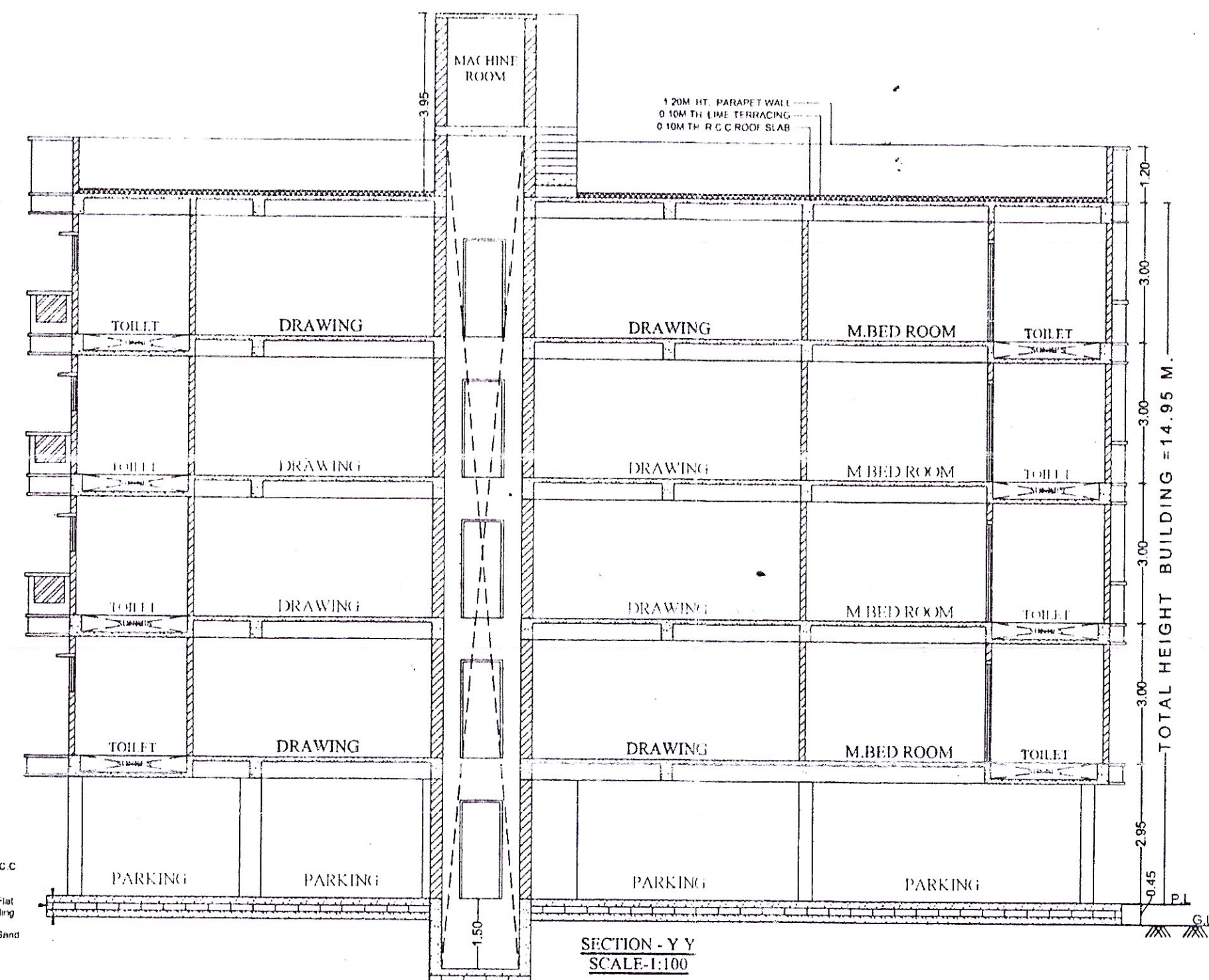
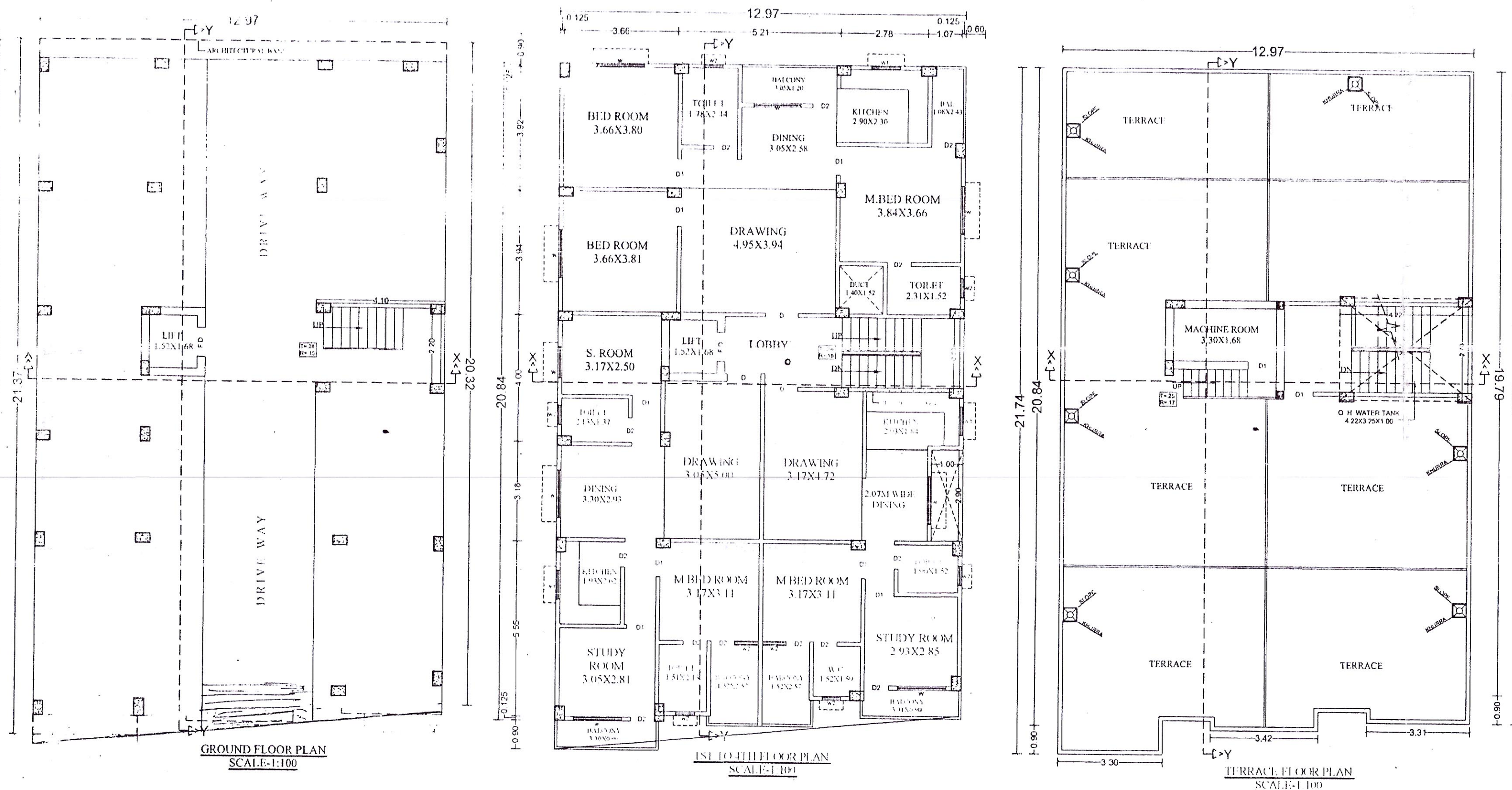




WATER TANK CALCULATION

FOR RESIDENTIAL

TOTAL NOS OF FLAT 12
ASSUME 5 PERSONS /FLAT REQ. 12X5 60
TOTAL NOS OF PERSON 60
ADD 20 % EXTRA 72 PERSON
ASSUME 135 LTR WATER CONSUMPTION/PER DAY
72X135= 9720ltr. = 9.72 cum.
TOTAL WATER REQUIRED 9.72cum.
TOTAL SIZE OF WATER TANK PROVIDED
= 4.22X3 25X1.00 13.71cum

SEPTIC TANK CALCULATION	
FOR RESIDENCIAL	
TOTAL NOS. OF FLAT = 12	
ASSUME 5 PERSONS /FLAT R/L Q. $12 \times 5 = 60$	
TOTAL NOS OF PERSON = 60	
ADD 20 % EXTRA = 72 PERSON	
CAPACITY OF SEPTIC TANK FOR 72 PERSON	
@ 0.085 M / PERSON / DAY	
$72 \times 0.085 = 6.12 \text{ cum.}$	
TOTAL NO OF PERSON REQUIRED = 6.12cum	
PROVIDED SIZE OF SEPTIC TANK	
$= 3.00 \times 2.50 \times 1.50 = 11.25 \text{ cum.}$	

RAIN WATER HARVESTING CALCULATION.
TOTAL PLOT AREA = 516.42 M ²
RECHARGE PIT CAPACITY @ 6M ³ FOR 100 M ²
SO, 516.42M ² REQUIRED RECHARGE PIT AREA
= 516 X 6 = 30.96M ³
RECHARGE PIT SIZE PROVIDED
= 3.00X3.00X4.00 = 36.00 M ³

SCHEDULE OF DOORS & WINDOWS					
TYPE	WIDTH	HEIGHT	SILL LEV.	LIN. LEV.	REMARK
D	1.05	2.10	0.00	2.10	FULLYPANILLED DOORS
D1	0.90	2.10	0.00	2.10	DO
D2	0.75	2.10	0.00	2.10	DO

W I N D O W S					
W	1.50	1.37	0.75	2.10	FULLY GLAZED WINDOW
W1	1.20	1.20	0.75	2.10	DO
W2	0.90	1.20	0.75/1.05	2.10	DO
W3	0.60	0.75	1.37	2.10	DO

AREA CALCULATION	
TOTAL PLOT AREA (AS/DEED)	664.17 Sqm.
TOTAL PLOT AREA (AS/POSSESSION)	546.86 Sqm.
AREA LEFT FOR ROAD WIDENING	30.44 Sqm.
NET PLOT AREA	516.42 Sqm.
GROUND FLOOR B/U AREA	9.31 Sqm.
FIRST FLOOR B/U AREA	256.16 Sqm.
SECOND FLOOR B/U AREA	258.26 Sqm.
THIRD FLOOR B/U AREA	258.26 Sqm.
FORTH FLOOR B/U AREA	258.26 Sqm.
TOTAL B/U AREA	1040.25 Sqm.

$$\begin{aligned}
 &\text{PARKING AREA REQUIRED} @ 25\% = 1040.25 \text{ Sqm.} \\
 &= 260.06 \text{ Sqm. (As/ TABLE No- 19, S. No-1)} \\
 &\text{PARKING AREA PROVIDED COVERED Gr. FLOOR} \\
 &= \frac{(21.37 + 20.32) \times (12.97) - (\text{Gr. Fr. B/u Area})}{2} \\
 &= 20.84 \times 12.97 - (9.31) \\
 &= 270.35 - 9.31 = 261.04 \text{ Sqm.} \\
 &\text{TOTAL PARKING AREA PROVIDED} \\
 &= 261.04 \text{ Sqm.}
 \end{aligned}$$

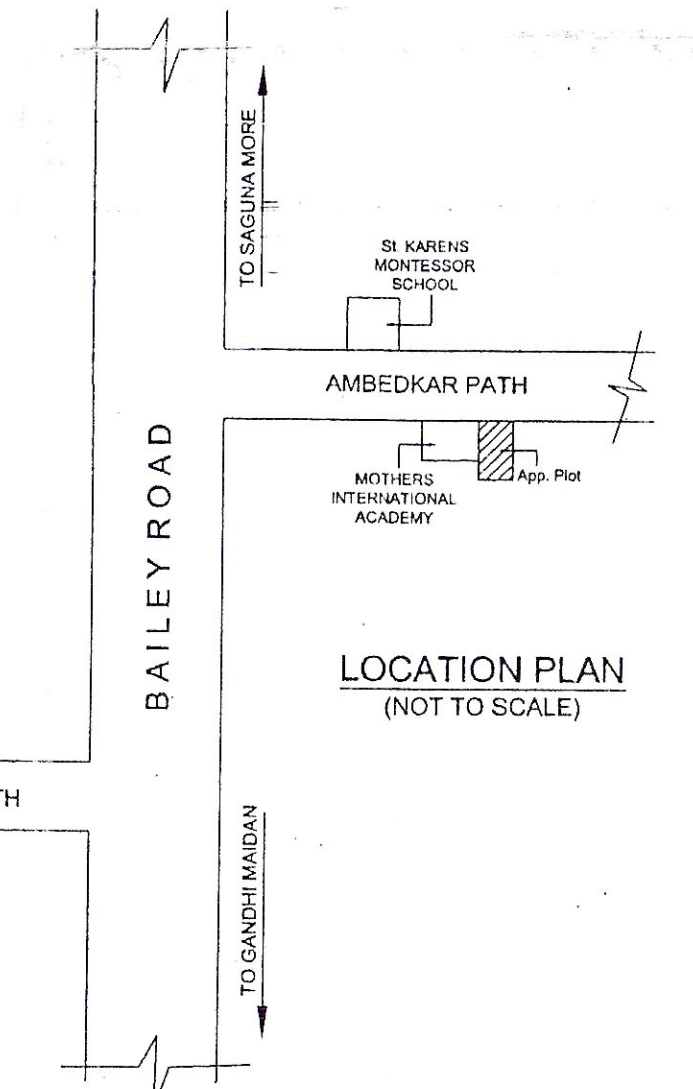
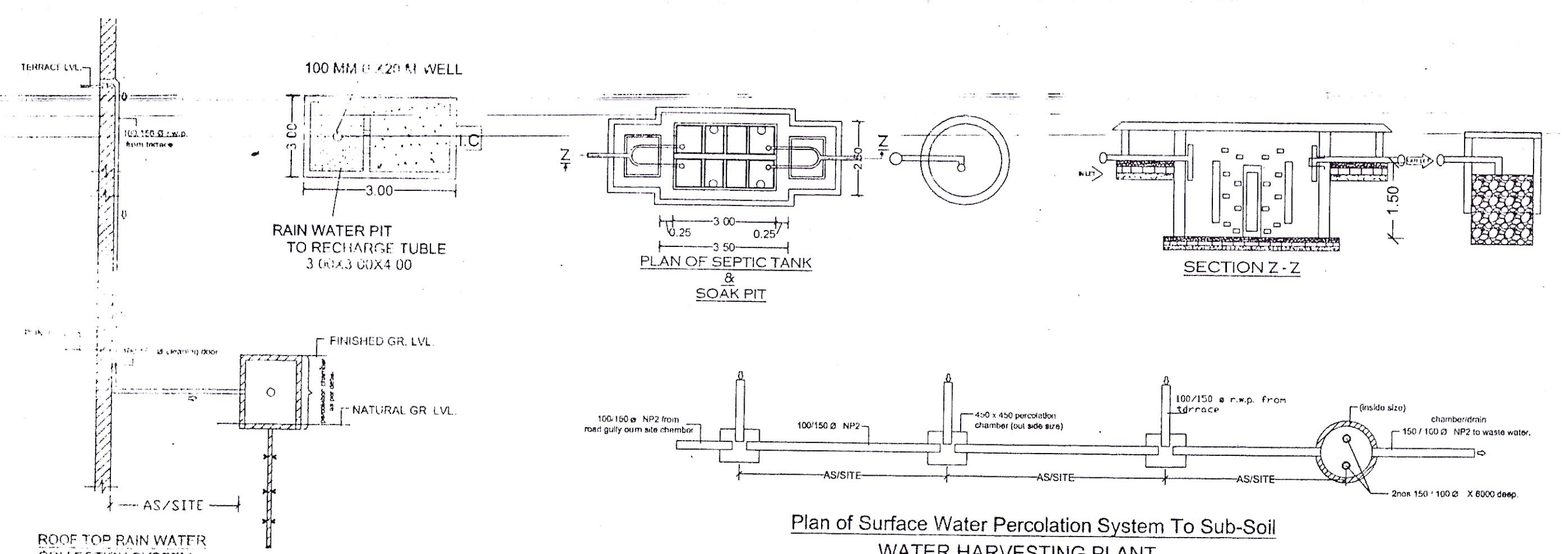
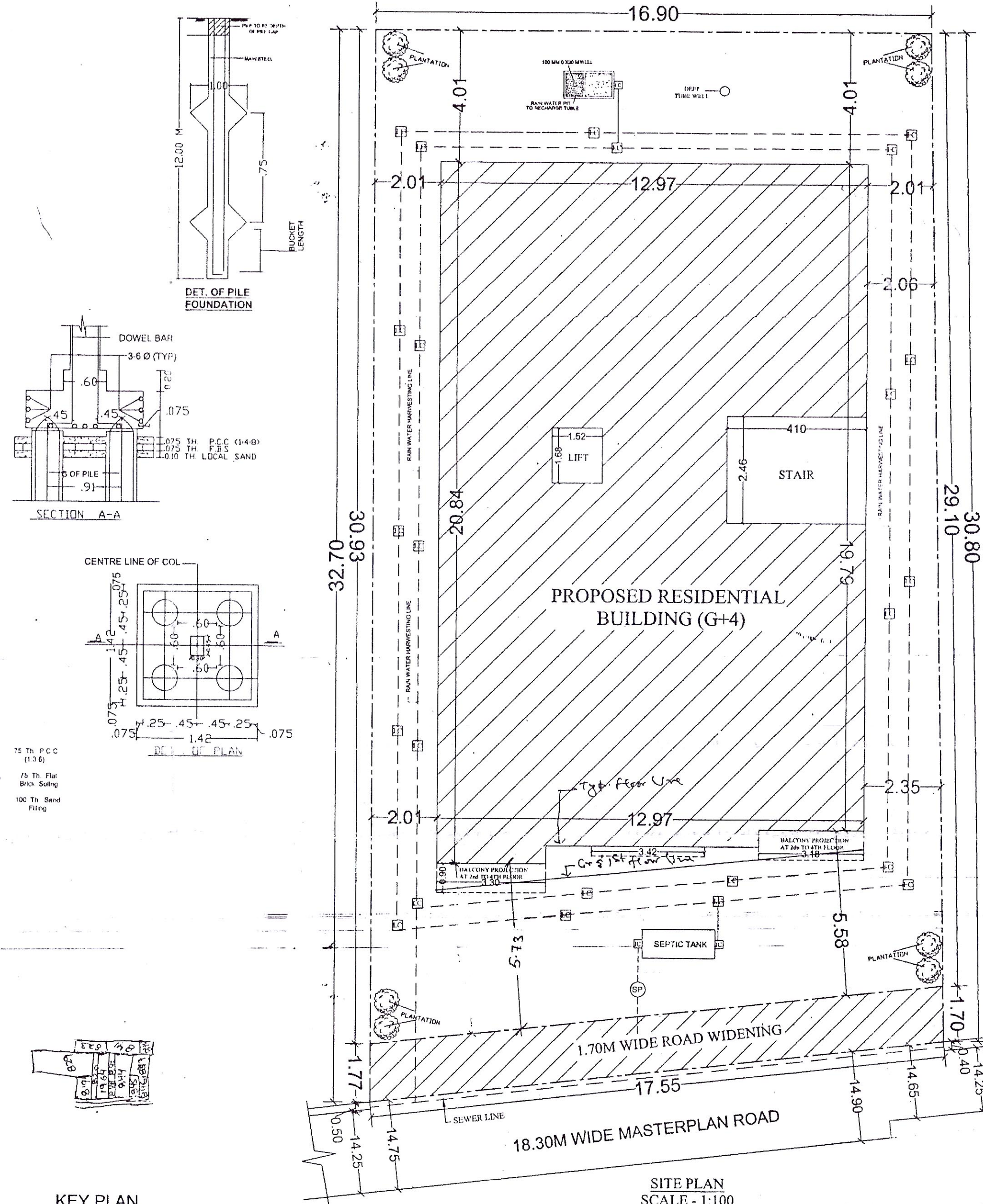
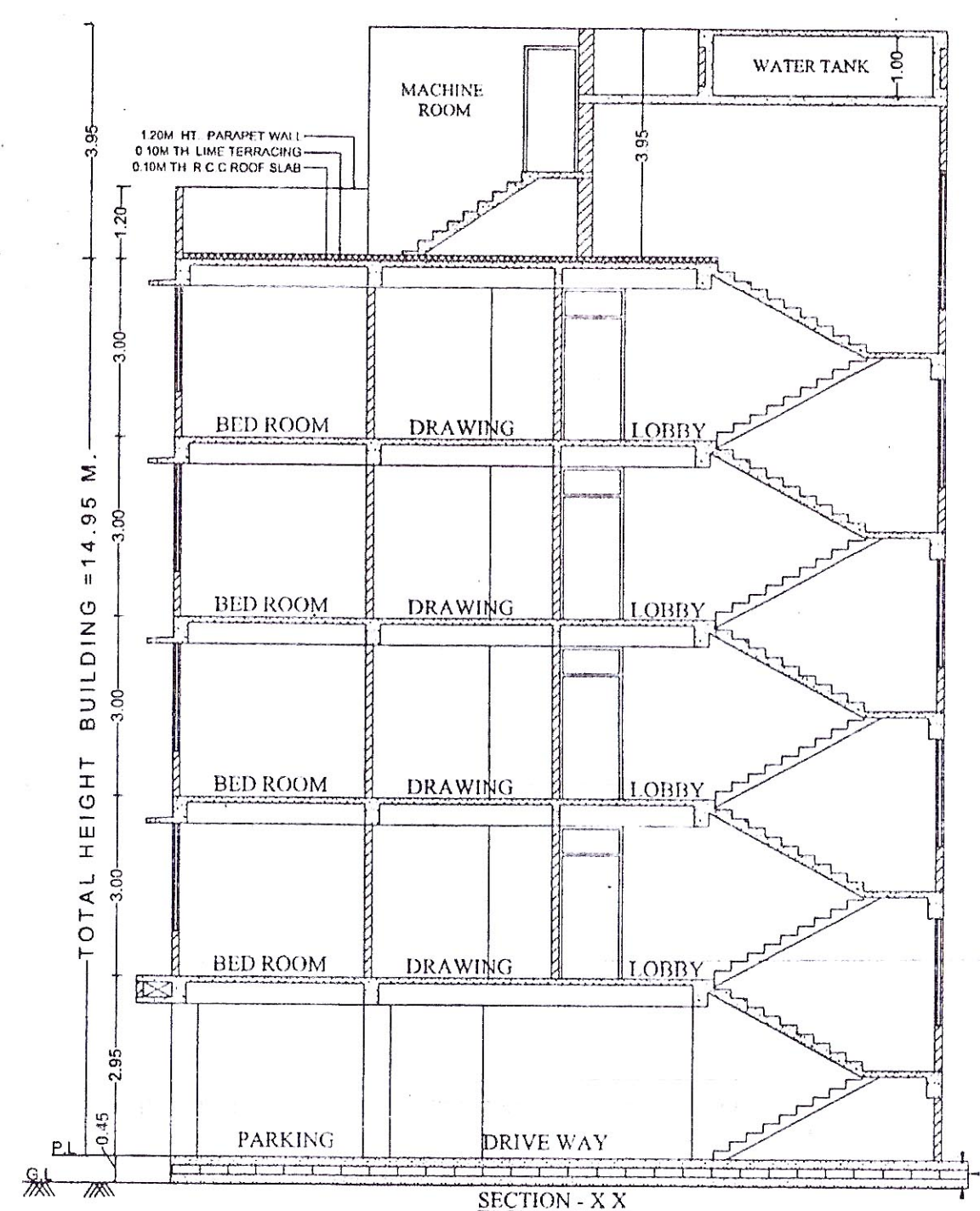
PROJECT:-
PROPOSED RESIDENTIAL BUILDING FOR,
1JSRI, AJAY KUMAR S/o -LATE BHUWNESHWAR NARAYAN
SINGH, AT HAVING RESIDENT OF 312/B, ROAD NO-3,
ASHOK NAGAR RANCI.1
AT HAVING B.Cadastral S.PLOT NO- 820(P) AND 1964(P),
KHATA NO-83, THIANA NO-11,TAUZI NO- 5163,
THIANA- PHULWARI, MAUZA -KHAJPURA, MOHALLA-
AMBEDKAR PATH, PATNA.

DEVELOPER - NUTAN INFRATECH PRIVATE LIMITED.

DEVELOPER - NUTAN INFRATECH PRIVATE LIMITED.

Deo Krishnas Singh

SIGNATURE OF OWNER	SIGNATURE OF ARCH./ENG.
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PATNA MUNICIPAL CORPORATION
PATNA REGIONAL DEVELOPMENT AUTHORITY (DISSOLVED)
P/1318/2009-2010 (SARV 14220) 7
(Case No.)
Sanction of Plan Accorded under Section 314,
315, 316 & 317 of the Bihar Municipal Act 2007
by the Municipal Commissioner, Patna on.....
25/02/19
SANCTION OF PLAN ACCORDED
7/11/2019
गुलाब रब्बाजी
उप निदेशक
पटना नगर निगम