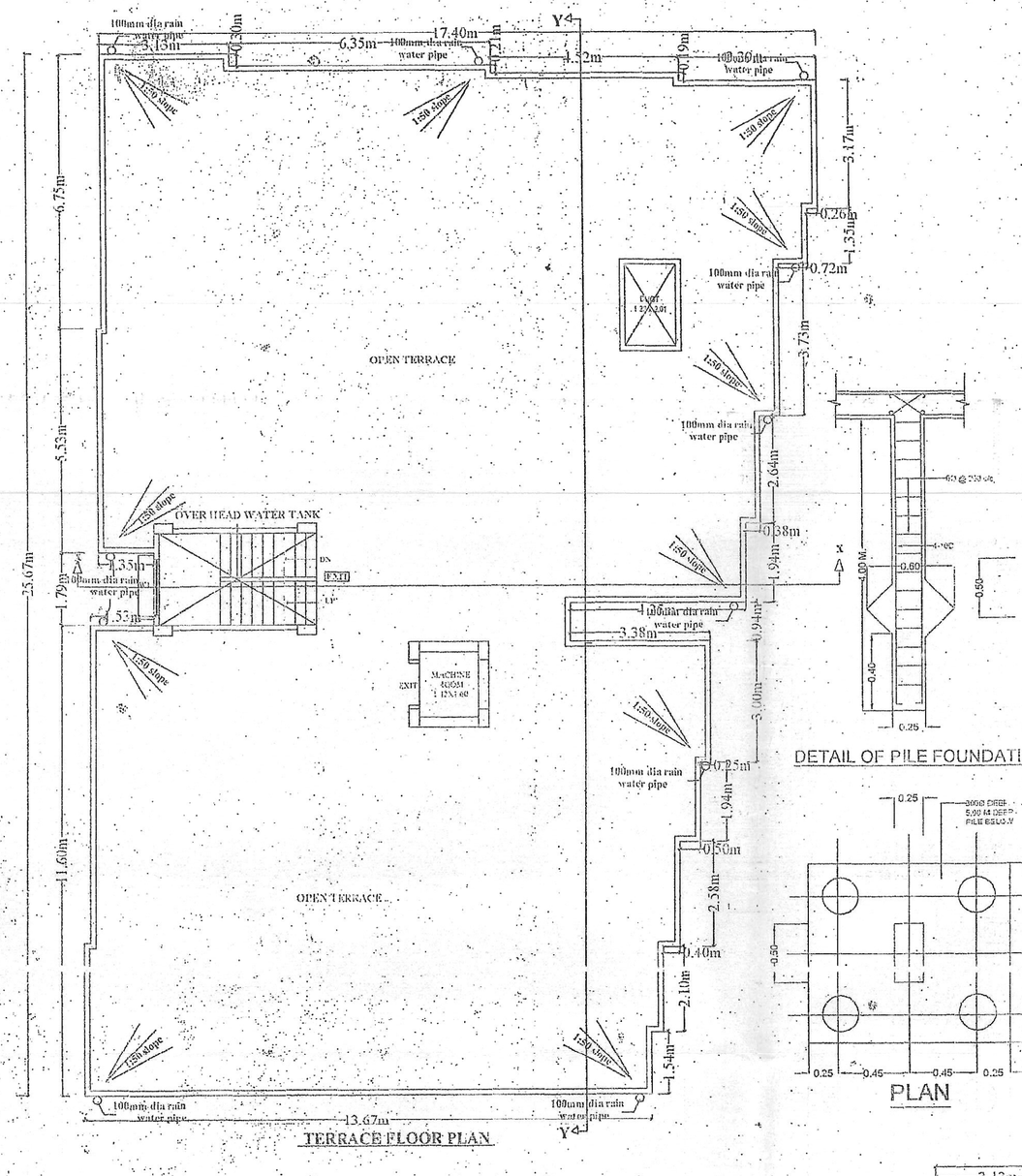
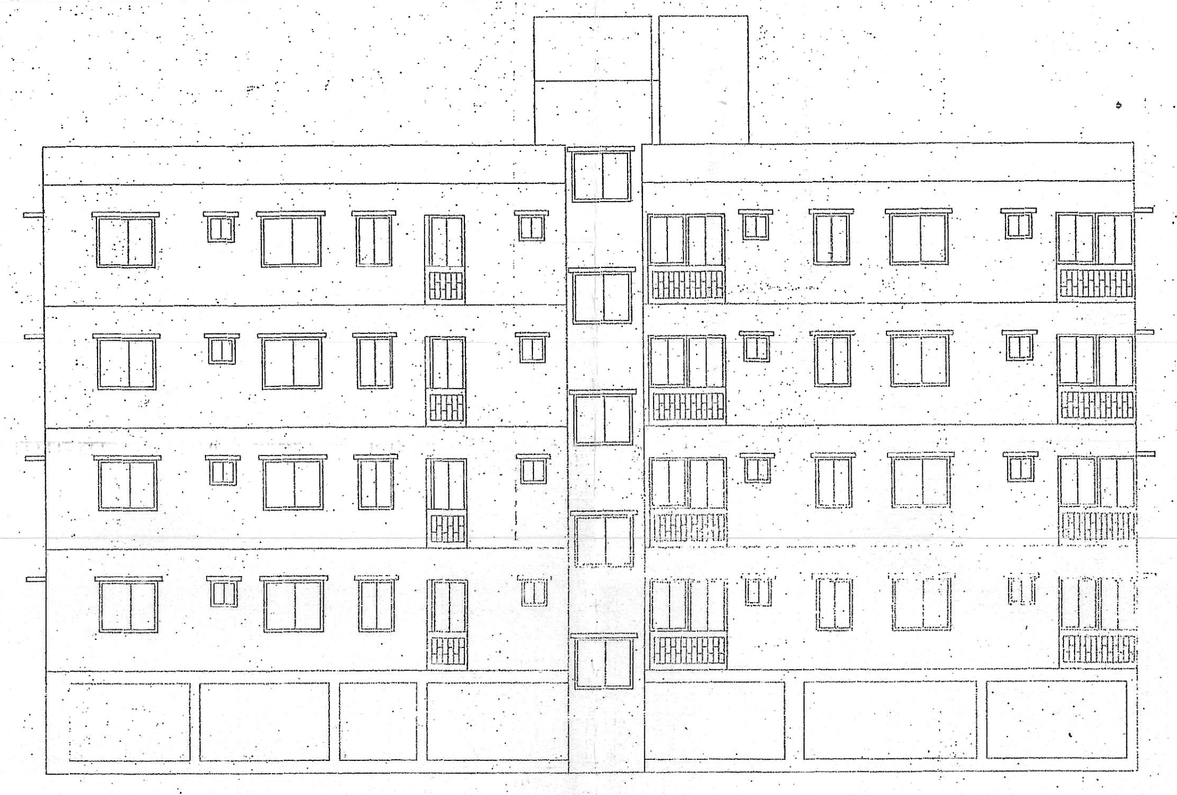
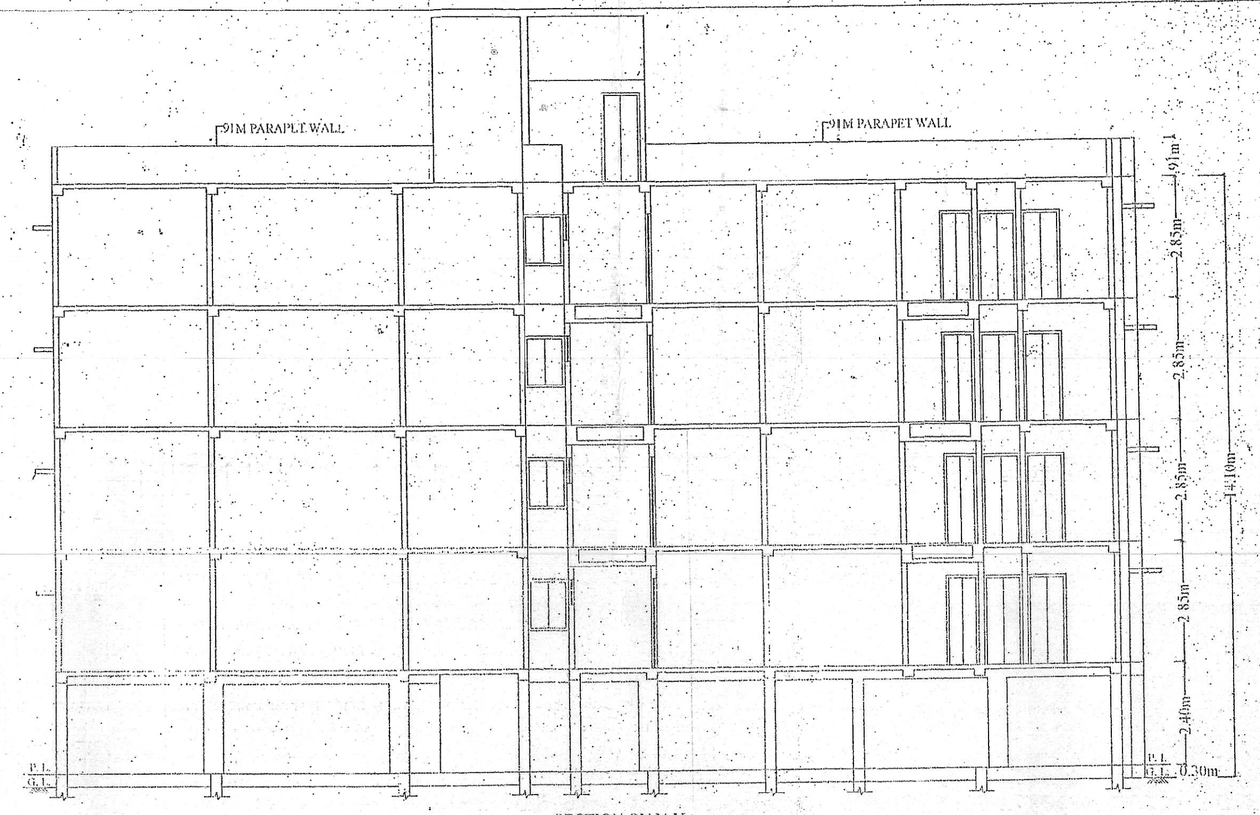


TERRACE FLOOR PLAN

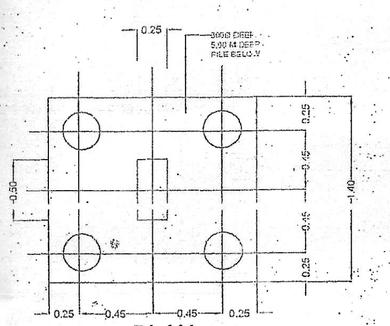


SIDE ELEVATION

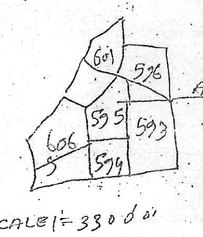


SECTION ON Y-Y

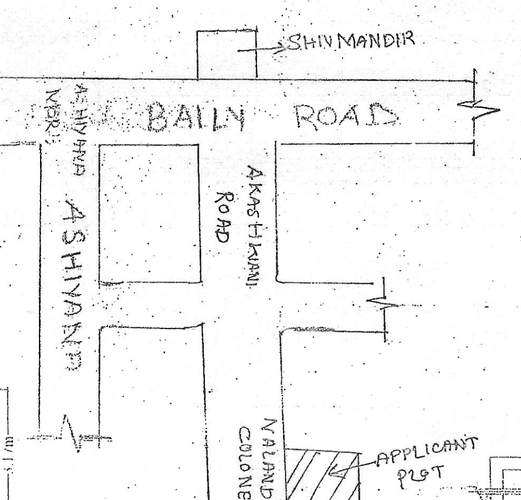
DETAIL OF PILE FOUNDATION



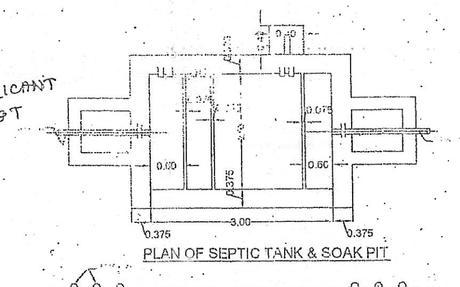
PLAN



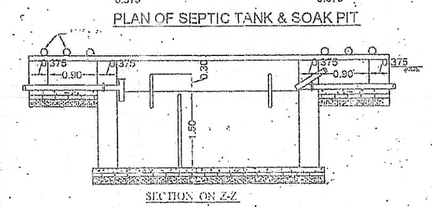
KEY PLAN



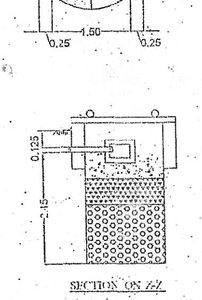
LOCATION PLAN



PLAN OF SEPTIC TANK & SOAK PIT



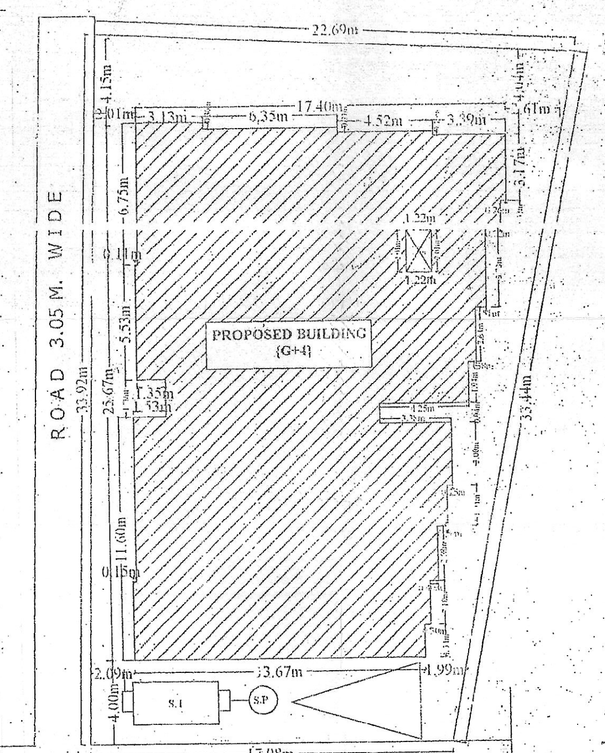
SECTION ON X-X



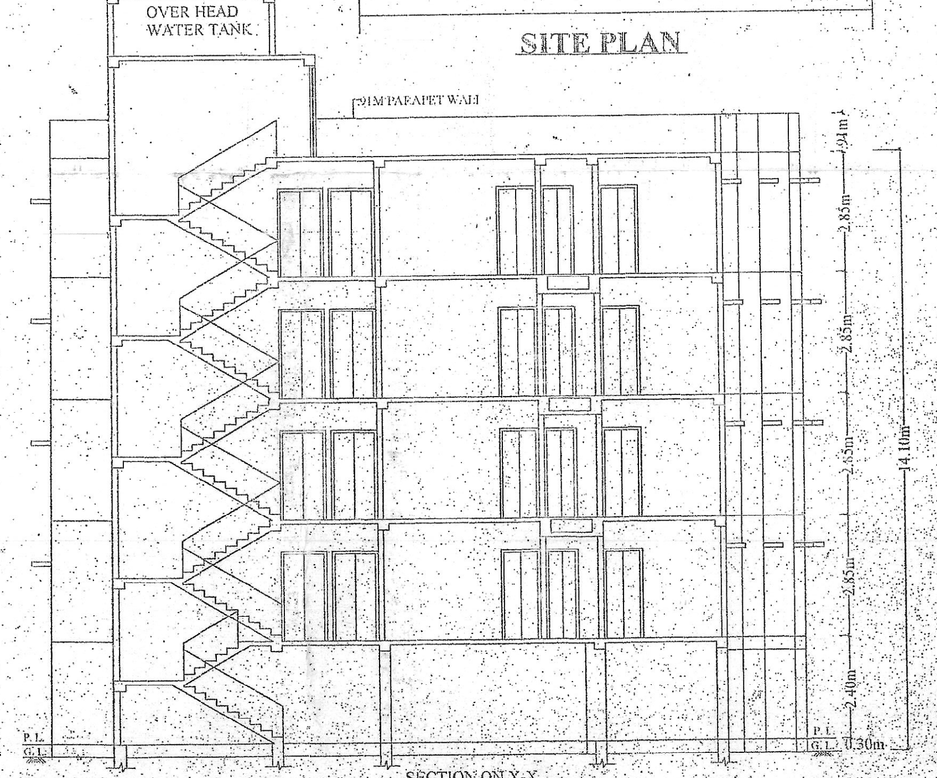
SECTION ON X-X

FIRE - LEGEND

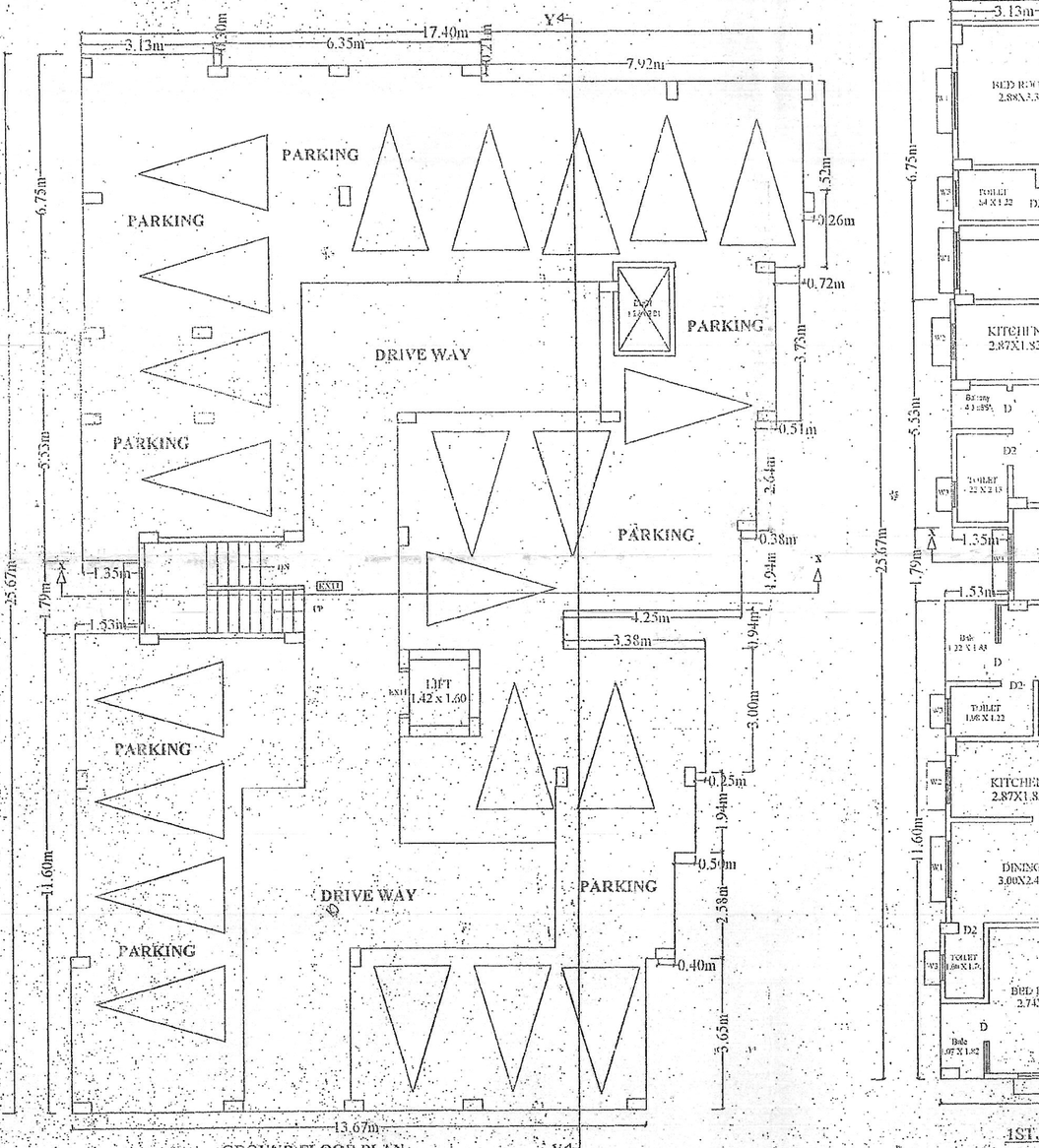
1. UNDER GROUND WATER TANK SEPTIC TANK FOR FIRE FIGHTING - 19000
2. OVER HEAD WATER TANK FOR FIRE FIGHTING - 5000
3. HYDRANT PT. - W
4. HUSE REEL -
5. ISI F.E - CO_2 , WCO_2 / DCA
6. SEAWARAGE CONNECTION -
7. ILLUMINATED KIT. - EXIT



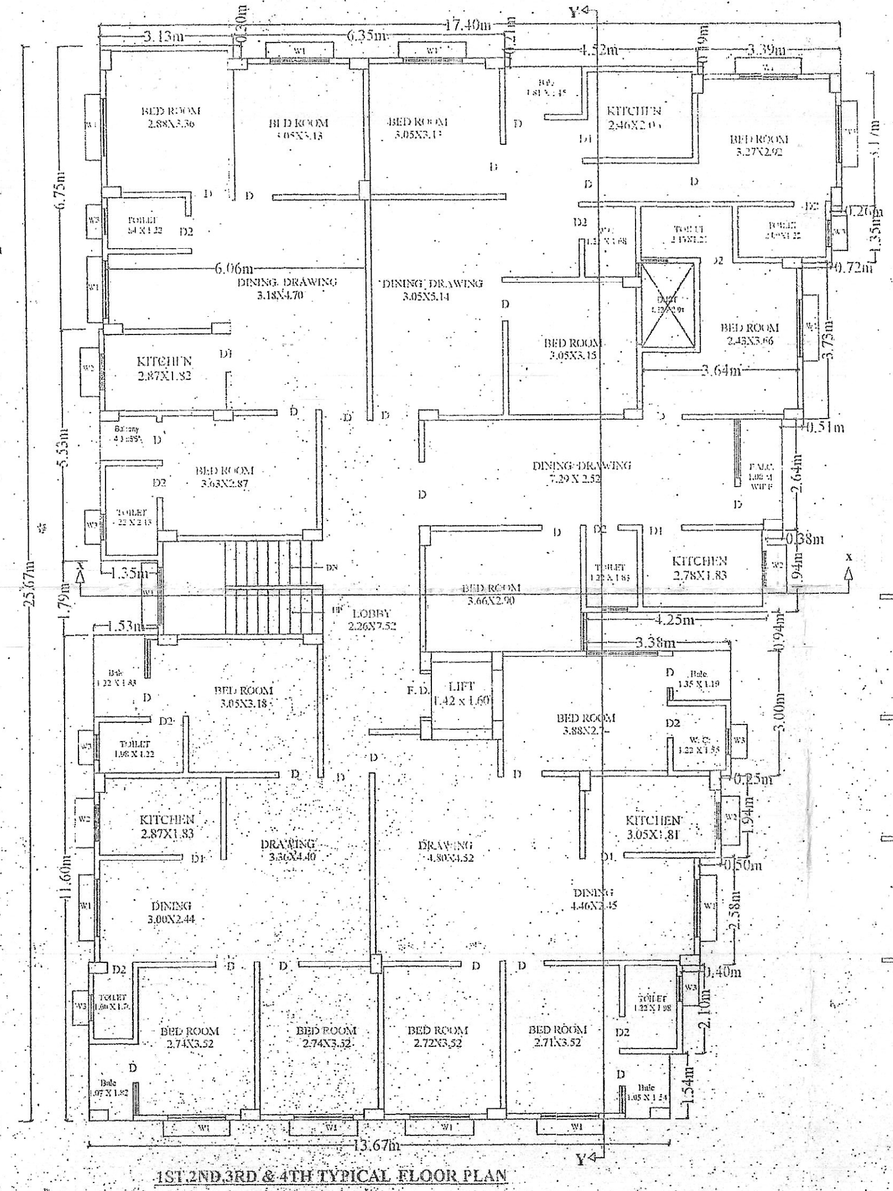
SITE PLAN



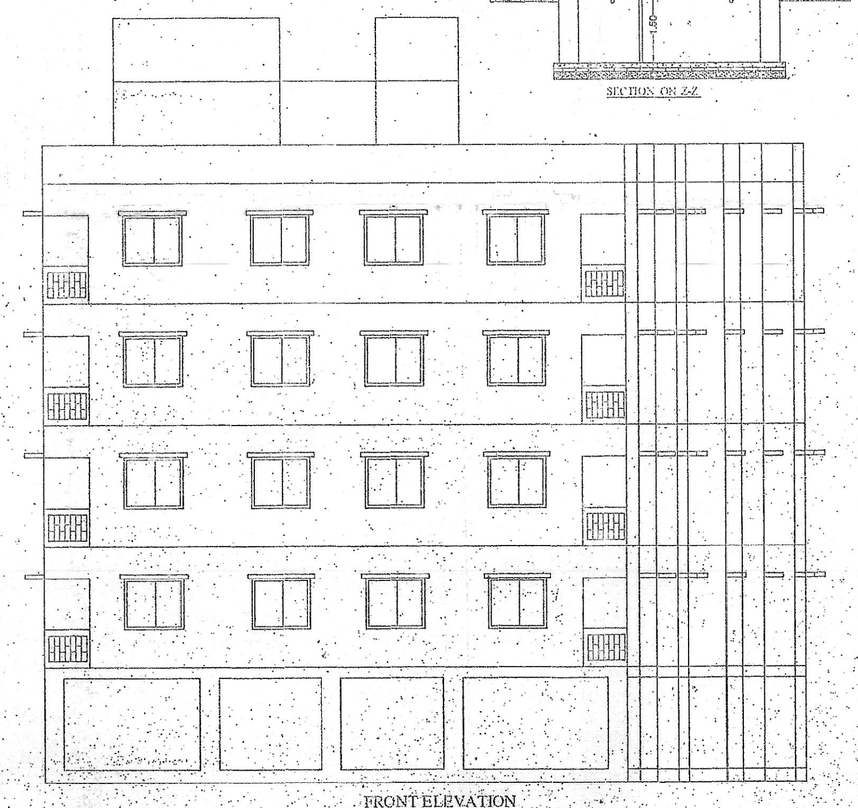
SECTION ON X-X



GROUND FLOOR PLAN



1ST.2ND.3RD & 4TH TYPICAL FLOOR PLAN



FRONT ELEVATION

SPECIFICATION

1. R.C.C. UNDER REAMED GROUP OF PILE FOUNDATION
2. 1ST CLASS ERICK 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.

SCHEDULE OF DOORS & WINDOWS

S.NO.	TYPE	WIDTH	HEIGHT	DESCRIPTION
1.	D	1.05	2.10	FLUSH DOOR
2.	D1	0.90	2.10	FLUSH DOOR
3.	D2	0.75	2.10	FLUSH DOOR
4.	W1	1.35	1.35	GLAZED
5.	W2	0.90	1.35	GLAZED
6.	W3	0.60	0.75	GLAZED

AREA CALCULATION

TOTAL PLOT AREA	=	664.37 SQ.M
GROUND FLOOR BUILT UP AREA	=	13.80 SQ.MT
TOTAL FIRST FLOOR BUILT UP AREA	=	382.68 SQ.MT
TOTAL SECOND FLOOR BUILT UP AREA	=	382.68 SQ.MT
TOTAL THIRD FLOOR BUILT UP AREA	=	382.68 SQ.MT
TOTAL FOURTH FLOOR BUILT UP AREA	=	382.68SQ.MT
TOTAL BUILT UP AREA	=	1544.52 SQ.MT
F.A.R. UTILISED-	2.32	
GROUND COVERAGE- 57.58%		

PARKING CALCULATION:-

TOTAL NOS. OF FLAT- 20 FLAT
FLAT ARE HAVING CARPET AREA MORE THAN 90 SQ.M.
THEREFORE PROVIDED 1- CAR PARKING EACH FLATS.
CAR PARKING REQUIRED 20 = CARS
AREA FOR 1- CAR PARKING - 20 SQM. SPACE.
TOTAL CAR PARKING AREA 20 X 20 = 400.00 SQM.
TOTAL PARKING AREA PROVIDED = 368.88 SQM.

WATER SUPPLY CALCULATION:-

TOTAL NOS. OF FLAT = 20 FLATS
ASSUMING 5 PERSONS/FLAT = 100 PERSONS
REQUIREMENT OF WATER TANK FOR 110 PERSONS
@ 135 LTRS. / DAY / PERSON = 110 X 135 = 14850 LTRS.
CAPACITY OF OVER HEAD WATER TANK PROVIDED
WATER TANK PROVIDED-3.69X2.26X1.50 =12.50 Q.M.

SEPTIC TANK CALCULATION.

TOTAL NOS. OF PERSON = 100 PERSONS.
10 PERSONS EXTRA
REQUIREMENT OF SEPTIC TANK FOR 110 PERSONS
REQUIREMENT OF SEPTIC TANK FOR 110 PERSONS
@ 0.085 M³ PER PERSON / DAY = 110 X 0.085 M³
= 9.35 M³
PROVIDED OF SEPTIC TANK CAPACITY - 5.95 M³
SIZE OF SEPTIC TANK-(LxWxH)=(3.0x2.50x1.50)
=11.25M³

PROPOSED RESIDENTIAL BUILDING FOR SRI. SURESH KUMAR SINGH & OTHER S/O LATE HARI NARAYAN SINHA
MAUZA - KHAJPURA, THANA NO.- 11, KHATA NO - 831 & 5
KHESRA PLOT NO. - 593,577, DISTT - PATNA

SIGNATURE OF OWNER	SIGNATURE OF ENGINEER
Suresh Kr. Singh	Er. Shailesh Ranjan B.Sc. License No.-09/94 P.R.D.A., DISSOLVED, P.M.C., Patna

Sanctioned by Certified architect for Municipal Corporation / Nagar Parishad/ Nagar Panchayat, Patna Rural/Danapur/ Phulwarisharif/ Bihta/ Masaurhi/ Paliganj Plan Case No- P-Khajpura, 11/831/593/577/2 Sanction recorded under provision of Section 314 of Bihar Municipal Act 2007

PRIME ENGICON PVT. LTD.
Director

Ar. AWADHESH PRASAD
CA-77/2570
CERTIFIED ARCHITECT
P.M.C. No.- 1419

NOC FROM THE STATE FIRE OFFICER, BIHAR PATNA HAS BEEN ACCORDED VIDE OFFICE LETTER NO.-129 DATED 06/05/12 THE SUGGESTIONS OF STATE FIRE OFFICER HAS BEEN PASTED ON BACK OF SHEET NO.-one

Ar. AWADHESH PRASAD 27/6/12