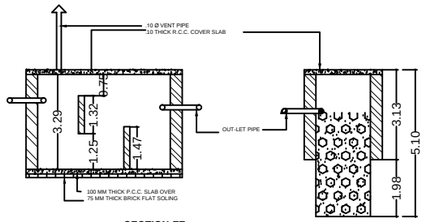


PLAN OF SEPTIC TANK & SOAK-PIT



SECTION-ZZ

FIRE LEGENDS-

- UNDER GROUND WATER TANK FOR FIRE FIGHTING.
- SIMENS CONNECTION FOR THE FIRE BRIDGE USE TO THE WET RISING SYSTEM.
- HYDRANT OUT LET VALVE.
- HOSE REEL.
- FIRE ALARM CALL POINT.
- AUDIBLE WARNING DEVICE.
- MICROPHONE POSITION.
- INDICATOR PANNEL.
- FIRE RESISTANT DOOR.
- CO2/WCO2 TYPE FIRE EXTENGUISHER.
- P.A. SYSTEM.
- EMERGENCY LIGHTING SYSTEM.
- ILLUMINATED EXIT SIGN.

SPECIFICATION-

1- **FOUNDATION-U/R PILE FOUNDATION WITH DOUBLE UNDER REAMED CONNECTED WITH PILE CAP OVER THAT.**
2-SUPER STRUCTURE- R.C.C. FRAME STRUCTURE WITH 1ST CLASS BRICK WORK IN 1:4 CM.
3-DOORS-DOORS TO BE 30 MM. FLUSH DOOR WITH SALWOOD FRAME.
4-DRAINAGE-EFFLUENT FROM TOILET,KITCHEN TO BE DISCH-ARGE THROUGH UNDER GROUND SEWER.
5-WATER SUPPLY-WATER SUPPLY FROM OWN BORING THR-OUGH WATER TANK ABOVE TERRACE FLOOR.
6-FINISHING-CEILING PLASTER WITH 1:4 CM. AND WALL PLAS-TER WITH 1:6 CM. AND P.O.P. OVER THE INNER WALL AND WEATHER COAT ON EXTERNAL WALL.
7-FLOORING-8 MM. THICK VITRIFIED JOINTLESS TILES.

SCHEDULE OF OPENING-

TYPE	WIDTH	HEIGHT	SILL LVL	LINTEL LVL	DESCRIPTION
D	1.05	2.55	0.00	2.55	SAL FRAME AND TEAK WOOD - PANNEL - AS/ DESIGN.
D1	.90	2.55	0.00	2.55	
D2	.90	2.10	0.00	2.10	
D3	.75	2.10	0.00	2.10	
W	1.80	1.80	.75	2.55	SAL FRAME AND PANNEL GLAZED WINDOW AS/ DESIGN.
W1	1.50	1.80	.75	2.55	
W2	1.20	1.80	.75	2.55	
W3	.70	1.80	.75	2.55	
W4	.50	.90	1.65	2.55	

AREA CALCULATION-

TOTAL AREA OF LAND=1484.63 SQM.

BUILT UP AREA IN GROUND FLOOR = 39.87 SQM.
---------- 1ST FLOOR = 830.07 SQM.
---------- 2ND FLOOR = 870.97 SQM.
---------- 3RD FLOOR = 870.97 SQM.
---------- 4TH FLOOR = 870.97 SQM.
TOTAL BUILT UP AREA IN ALL FLOORS =3482.85 SQM.

GROUND COVERAGE=870.97/1484.63X100 =58.66 %
F.A.R.=3482.85/1484.63 =2.46

PARKING CALCULATION-

TOTAL NOS. OF FLAT IN ALL FLOORS=8X4=32 NOS.
CAR PARKING REQUIRED @ 1 DWELLING UNIT=1 CAR PARKING
SO FAR 18 NOS. DWELLING UNIT =32 NOS.CAR PARKING
1 CAR PARKING REQUIRED SPACE @ 20 SQM. PER CAR PARKING
SO CAR PARKING REQUIRED =32X20=640 SQM.

TOTAL PARKING AREA REQUIRED FOR RESIDENTIAL=640 SQM.
PARKING AREA PROVIDED IN GROUND FLOOR= 500.27 SQM.

WATER TANK CALCULATION-

TOTAL NOS. OF FLATS IN ALL FLOORS=8X4=32 NOS.
PERSONS ASSUME @ 7 PERSONS PER FLAT SO
TOTAL NOS. OF PERSONS =7X32 =224 PERSONS
SO TOTAL NO.OF PERSON=224 PERSONS
WATER REQUIRED @ 135 LTS./PERSONS/DAY
SO TOTAL REQUIRED =135X224 =30240 LTS. (30.24 M3)
O.H.WATER TANK PROVIDED SIZE=4.22X2.79X1.8=32.24 M3 =32240 LTS.

SEPTIC TANK CALCULATION-

TOTAL NOS. OF PERSONS =224 PERSONS
VOLUME REQUIRED @ 0.85 LTS./PERSON/DAY
SO TOTAL REQUIRED = .085X224=22.4 M3
SEPTIC TANK PROVIDED 2NOS. SIZE =5.43X2.72X2.10X2=31.01 M3

PROPOSED RESIDENTIAL BUILDING(G+4)OF M/S.APARNA ARCHITECT & ENGICONS PVT. LTD., AT- MOHALLA - KARORICHAK , MAUZA - PHULWARI SHARIF , SURVEY THANA - PHULWARI SHARIF ,THANA NO.-35, NO.-KHATA NO.- 23 , SURVEY PLOT NO- 1107 & 1108 , DIST.- PATNA

SCALE-1:100,1:200	NORTH	SHEET NO- 1/3

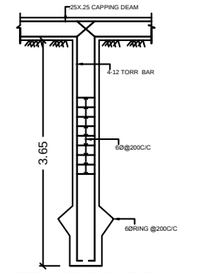
SIGNATURE OF OWNER | SIGNATURE OF ENGINEERS

GROUND FLOOR PLAN

NORTH

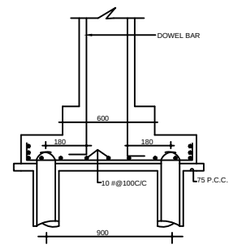
FIRST FLOOR PLAN

NORTH



DETAIL OF PILE FOUNDATION

PLAN



SEC. AT X-X