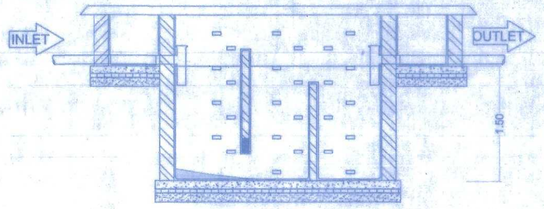
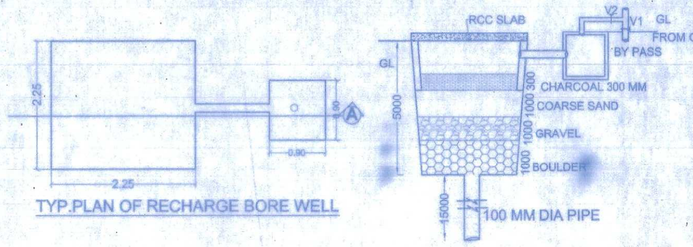


PLAN OF SEPTIC TANK.



SECTION ON Z-Z



TYP.PLAN OF RECHARGE BORE WELL

RECHARGE BORE WELL SECTION A-A

PARKING CALCULATION :-

TOTAL B/U AREA = 1464.57sqm.
PARKING AREA REQ. @ 30% OF B/U AREA.
SO TOTAL PARKING AREA REQ.
1464.57 × 30 / 100 = 439.37 SQM
PROVIDE BASEMENT(DOUBLE DECOR LIFT)
PARKING=(232.99+232.99+17.35) =483.33 SQM.
(PROVIDED).

FIRE LEGEND :-

01.HYDRANT OUT LET VALVE WET
02.HOSE REEL
03.SEMAC CONNECTED FOR FIRE BRIGADECONNECTED TO WET RISER
04.ELECTRICALLY INSULATED METAL STRIP
05.UNDER GROUND TANK OF 25,000 Ltrs — 25,000 Ltrs
06.O.H.W.TANK FOR FIRE FIGHTING — 10,000 Ltrs
08.FIRE ALARM CALL POINT
09.AUDIABLE ALARM CALL POINT
10.LOUDSPEAKER OUTLET
11.CO2 FIRE EXTINGUISHER — CO2/DCP
12.FIRE RESISTANT DOOR — F.D
13.AUTOMATIC SMOKE DETECTOR — A
14.AUTOMATIC SPRINKLER — S
15.FIRE HYDRANT

WATER TANK CALCULATION :-

COMMERCIAL
TOTAL B/U AREA = 1464.57SQM
TOTAL CARPET AREA = 1464.57 / 2 = 732.27SQM
TAKING DENCITY OF 6 SQM PER PERSON
= 732.27 /6=122.05 SAY =122 PERSON
EACH PERSON NEED 45 LTRS. PER DAY
= 122 X 45 = 5490.00 LTRS. (REQ)
& 10,000.00 LTRS FOR FIRE FIGHTING
TOTAL REQ. WATER TANK =
(5490.00+10,000)=15492.15 ltrs.
TOTAL PROVIDE WATER TANK SIZE=
(3.30X5.54X0.90)=16,453.00 Ltrs.

GREEN SPACE AREA CALCULATION :-

TOTAL NET PLOT AREA = 590.50 sqm.
GREEN AREA REQUIRED @10% OF
TOTAL PLOT AREA = 59.05 SQM.
PROVIDED GREEN SPACE AREA =81.16 sqm.

WATER HARVESTING SUMP CALCULATION :-

TERRACE FLOOR AREA = 317.57 sqm.
RAIN WATER HARVESTING SUMP REQ. 6 CUM FOR
EVERY 100 SQM. TERRACE AREA, SO TOTAL
REQ. CAPACITY OF SUMP =19.05 CUM.
PROVIDED TANK SIZE =2.25X2.25X5.00 cum
=25.31 LTRS.

SEPTIC TANK CALCULATION :-

COMMERCIAL
TOTAL B/U AREA = 1464.57 SQM
TOTAL CARPET AREA =1464.57 / 2 = 732.27SQM
TAKING DENCITY OF 6 SQM PER PERSON
= 732.27 /6=122.05 SAY=122 PERSON
PER PERSON NEED 0.085 CUM. CAPACITY OF
SEPTIC TANK PER DAY SO TOTAL REQ.
CAPACITY OF SEPTIC TANK =
122X0.085 = 10.37 CUM.
PROVIDED SEPTIC TANK 1 NOS
SIZE = 4.00 X 2.00 X1.50 = 12.00 CUM.

SCHEDULE OF DOORS & WINDOWS 01/02

TYPE	WIDTH	HEIGHT	SILL	LINTEL	DESCRIPTION
D	1.07	2.13	0.0	2.13	Single Leaf Door
D1	0.99	2.13	0.0	2.13	Single Leaf Door
D2	0.91	2.13	0.0	2.13	Single Leaf Door
D3	0.76	2.13	0.0	2.13	Single Leaf Door
W	1.37	1.78	0.76	2.54	Glazed window
W1	1.07	1.78	0.76	2.54	Glazed window
W2	0.91	1.83	0.91	2.54	Glazed window
V	0.61	0.61	1.52	2.13	Ventilator

SPECIFICATION :-

01) FOUNDATION :- R.C.C. PILE FOUNDATION AS/STRUCTURAL DESIGN.
02) SUPER STRUCTURE :- R.C.C. FRAMED STRUCTUREAS/STRUCTURAL DESIGN.
03) BRICKWORK :- 250 TH. & 125 TH 1st CLASS BRICKWORK IN C.M. 1:6 &1:5 AS/DESIGN.
04) FLOORING :- MOSAIC CAST-IN-SITU FLOOR/WINSH GREY CEMENT IN ALL AREA.
05) WALL FINISH :-
(i) INTERNAL :- ALL INTERNAL SURFACE SHALLBE PAINTED WITH CEMENT PRIMER OVER FLOAT FINISH OF P.O.P. SURFACE.
(ii) EXTERNAL :- ALL EXTERNAL SURF BE PAINTED WITH TEXTURE PAINT OVER A SURFACE OF EXTERIOR GRADE PRIMER.
06) DOOR :-
(i) FRAME :- 65X100 TH. SAL WOOD DOOR FRAME
(ii) SHUTTER-35MM TH. SOLID CORE FLUSH DOOROF I.S.I. MARK AS/DESIGN
07) WINDOW :-
(i) FRAME :- 65X100 TH. SAL WOOD/ALUMINIUM WINDOW FRAME.
(ii) SHUTTER- FULLY GLAZED HARD WOOD/ALUMINIUM WINDOW SHUTTER AS/DESIGN.
08) TOILETS :-
(i) FLOORING :- CERAMIC TILES FLOORING
(ii) WALLS :- CERAMIC TILES DADO UPTO 1500HT.
(iii) SANITARYWARE :- WHITE GLAZED VITEROUS SANITAWYWARE OF I.S.I MARK.
(iv) FITTING :- CHROMIUM PLATED C.P.FITTINGS OF I.S.I MARK.
09) ELECTRICAL :-
(i) ALL INTERNAL WIRING IN CONCEALED CONDUITS WITH COPPER CONDUCTOR.
(ii) ALL ELECTRICAL MODULAR SWITCHES OF I.S.I MARC.
(iii) ADEQUATE LIGHTING/POWER POINT.

AREA CALCULATION :-

TOTAL PLOT AS/ SITE	=632.797 sqm.
LEFT FOR ROAD WIDENING	=42.237 sqm.
NET PLOT AREA	= 590.50 sqm.
BASEMENT FLOOR B/U AREA	= 10.26 sqm. 44.46 = 10.72 SAY
GROUND FLOOR B/U AREA	=238.64 sqm.
FIRST FLOOR B/U AREA	= 258.30 sqm.
SECOND FLOOR B/U AREA	= 317.57 sqm.
THIRD FLOOR B/U AREA	= 317.57 sqm.
FOURTH FLOOR B/U AREA	=317.57 sqm.
TOTAL ALL FLOOR B/U AREA	1464.57 SQM
F.A.R. = 1464.57 /632.797 = 2.31	

PLOT DETAIL :-

PROPOSED COMMERCIAL BUILDING
FOR SRI LAXMI SURIYA INFRA PVT. LTD.,
DIRECTOR- SRI. KUMAR AJIT SINHA,
S/O.-LATE GOPAL JEE,
ON S. PLOT NO.-935 & 937, KHATA NO.-09 &10,
THANA -SULTANGANJ,THANA NO.-11,
MAUZA- SANDALPUR, DIST.- PATNA.

SCALE.	NORTH.
1 : 100 1 : 200	

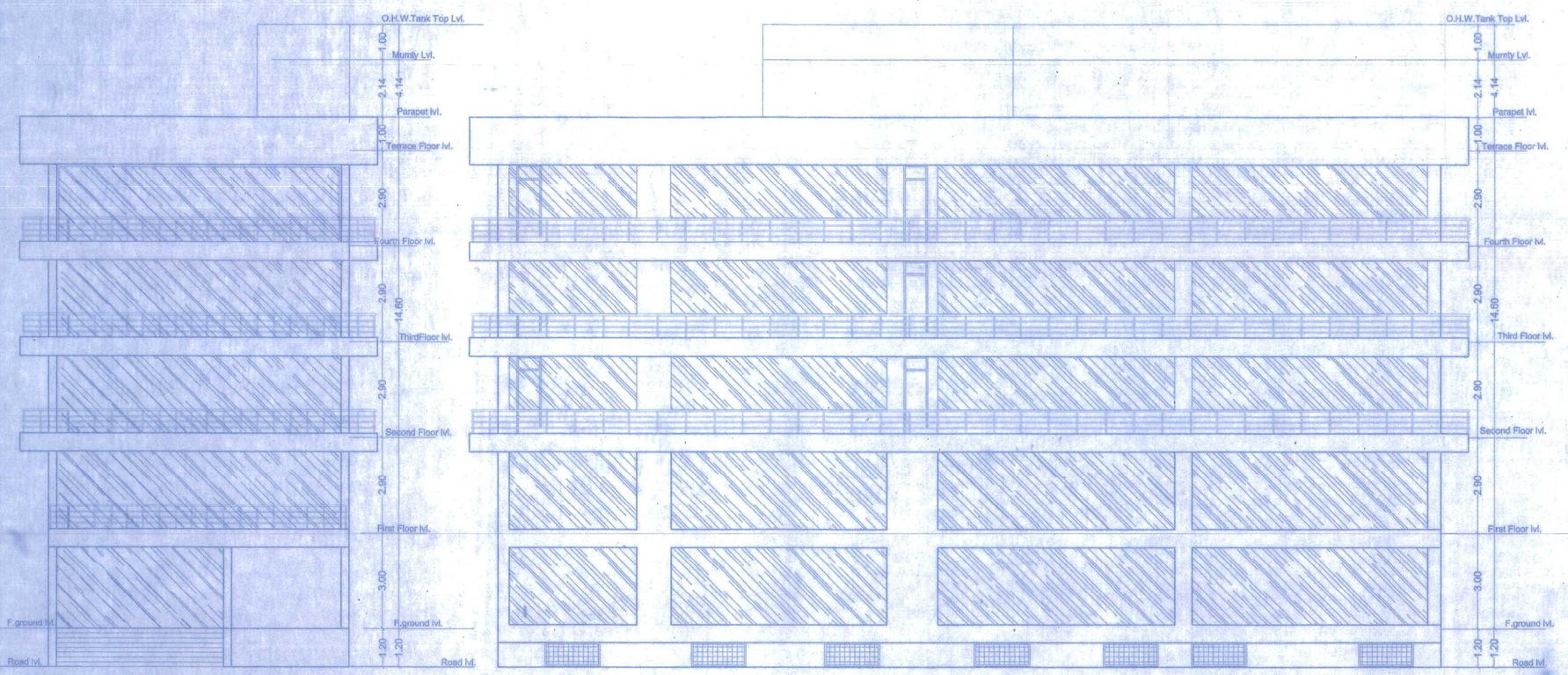
Rejno- SE-03/2018-19
SIGN. OF EMPANELLED STRUCT. ENGINEER.

SIGNATURE OF OWNER / DEVELOPER

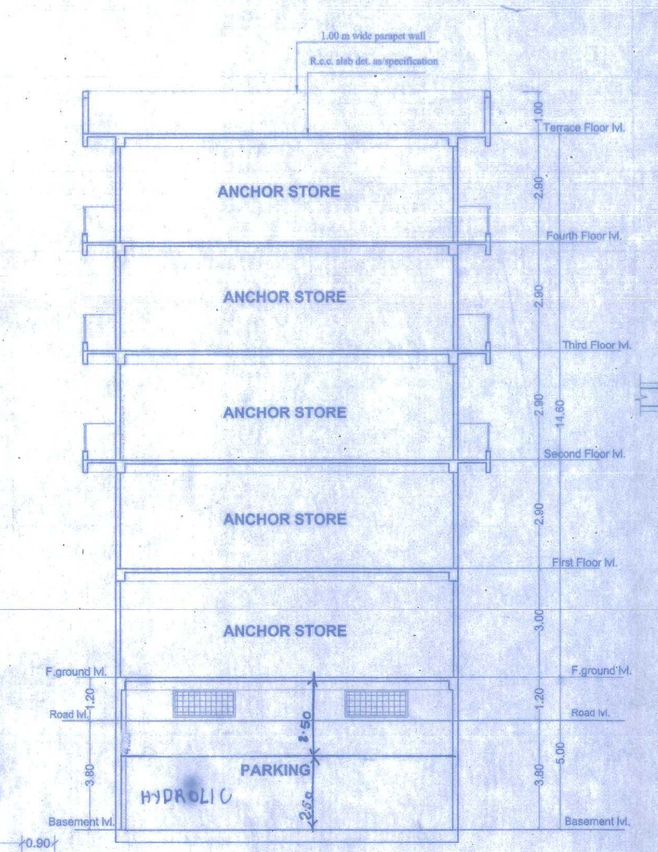
SIGN. OF EMPANELED ARCHITECT.

PATNA MUNICIPAL CORPORATION
Plan Sanctioned / Approved under
Section No. / Rule No. 312, 313, 314 of the Bihar Municipal Act, 2007
by the Municipal Commissioner, Patna
Date 05/01/19
SANCTION DEPLAN ACCORDED

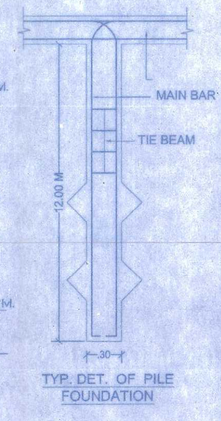
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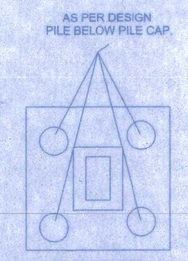
FRONT ELEVATION



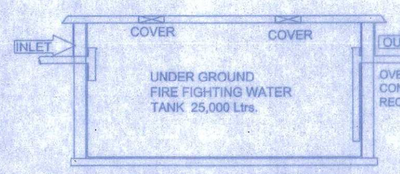
SECTION- X-X



TYP. DET. OF PILE FOUNDATION



TYP. DETAIL OF FOUNDATION.



SECTION FOR UNDER GROUND FIRE FIGHTING WATER TANK

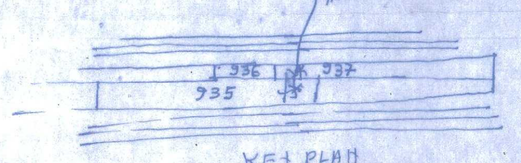
BASEMENT FLOOR PLAN
SCALE :- 1= 100

GROUND FLOOR PLAN
SCALE :- 1= 100

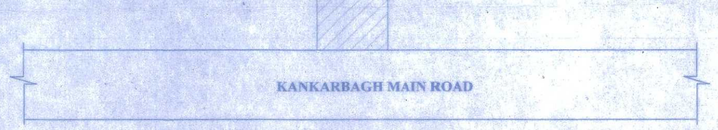
TYPICAL (1ST. TO 4TH.)FLOOR PLAN
SCALE :- 1= 100

TERRACE FLOOR PLAN
SCALE :- 1= 100

SITE PLAN
SCALE 1:200



KEY PLAN
SCALE:- 1:330



LOCATION PLAN
SCALE NTS

SECTION- Y-Y