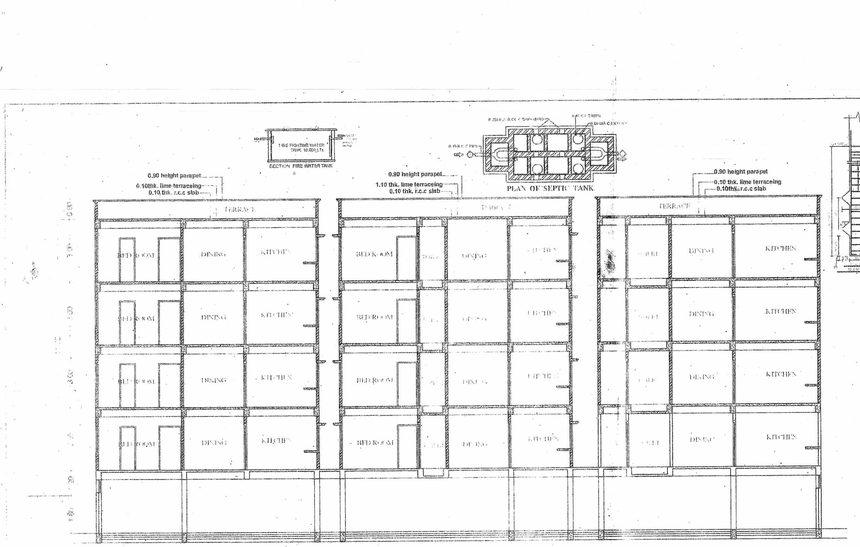
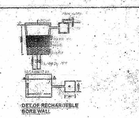


RAIN WATER HARVESTING CALCULATION:-

REQUIRED 6 cum RECHARGING PIT// TRENCH VOLUME PER 100 SQM OF TERRACE AREA
SO, TERRACE AREA = 586.80 SQM
NEEDED VOLUME OF RECHARGING PIT =
(588.80/100) X 6 = 35.32 CUM

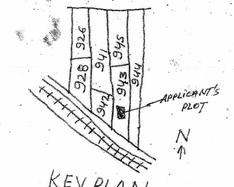
PROVIDED VOLUME OF RECHARGING PIT =
6.00 X 3.00X2.10 = 37.80 CUM

BOUNDARY-
NORTH - SRI SATISH KUMAR SINGH
SOUTH - DR.ANIL KUMAR SINGH
EAST - 5.18 M WIDE ROAD.
WEST - 6.10 M WIDE ROAD.



FIRE LEGEND :-

05.HYDRANT OUT LET VALVE WET
06.HOSE REEL
03.SEMAC CONNECTED FOR FIRE BRIGADECONNECTED TO JET RISER
04.ELECTRICALLY INSULATED METAL STRIP
05.UNDER GROUND TANK OF 50,000 LTRS — 50,000 LTRS
06.O.H.,W.TANK FOR FIRE FIGHTING — 10,000 LTRS
07.INDICATOR PANEL
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/A)
14.AUTOMATIC SPRINKLER INSTALLATION — (S)



PARKING CALCULATION:-

PROPOSED COMMERCIAL PARKING
CCAR PARKING FOR RESIDENTIAL = 25%
REQUIRED CAR PARKING
= (2097.96) X 25% = 524.49 sq.m.
TOTAL REQUIRED PARKING = 524.20 SQM

BASEMENT FLOOR PARKING AREA = 596.86 sq.m.

GROUND FLOOR PARKING AREA = 211.22 sq.m

TOTAL = 808.08 sq.m

SCHEDULE OF DOORS & WINDOWS

S.NO	TYPE	WIDTH	CILL	HEIGHT	DESCRIPTION
01	D	1.07	0.0	2.13	SINGLE LEAF DOOR
02	D1	0.99	0.0	2.13	SINGLE LEAF DOOR
03	D2	0.91	0.0	2.13	SINGLE LEAF DOOR
04	D3	0.76	0.0	2.13	SINGLE LEAF DOOR
05	W	1.37	0.76	1.78	FULLY GLAZED WIN
06	W1	1.22	0.76	1.78	FULLY GLAZED WIN
07	W2	0.91	1.06	1.48	FULLY GLAZED WIN
08	W3	0.61	4.76	0.76	FULLY GLAZED WIN
09	DW	0.76X1.00	0.0X0.76	1.78X2.13	DOOR&WINDOW
10	DW1	0.76X1.65	0.0X0.76	1.78X2.13	DOOR&WINDOW

SPECIFICATION:-

1. **FOUNDATION** - R.C.C. UNDER REAMED PILE FOUNDATION 6.0 M DEEP WITH R.C.C. ASI STRUCTURAL ENGINEER.
2. **SUPER STRUCTURE** - 1st CLASS BRICK WORK IN-SUPER STRUCTURE WITH CEMENT MORTER 1:6.
3. **PLINTH** - HEIGHT F.L. AND G.L. AS SHOWN IN SECTION.
4. **FLOORING** - 0.025M.TH. I.P.S. FLOORING OVER 0.125M TH. DRY RAMMED KHOA OVER 0.075 M TH. BRICK FLAT SOLING OVER SAND FILLING.
5. **ROOF** - 0.10M TH. AVERAGE LIME TERRACING OVER R.C.C. ROOF SLAB.
6. **DOORS** - CHOWKHATS OF DOORS TO BE SAL WOOD.
7. **WINDOWS** - ALL WINDOWS TO BE FULLY GLAZED IN STEEL.
8. **PLASTER** - 0.12M TH. CEMENT PLASTER ON BOTH SIDE OF BRICK WORK.
9. **COLOURING** - COLOUR OR WHITE WASH AS/CHOICE

AREA CALCULATION :-

PLOT AREA (AS PER DEED) =1078.49 SQM.
PLOT AREA (AS PER SITE) =1071.67 SQM.
AREA LEFT FOR ROAD WIDENING = 22.42 SQM.
NET PLOT AREA = 1049.25 SQM.
BASEMENT FLOOR B/U AREA = 7.99 SQM.
GROUND FLOOR B/U AREA = 323.57 SQM.
1ST FLOOR B/U AREA = 588.80 SQM.
2ND FLOOR B/U AREA = 588.80 SQM.
3RD FLOOR B/U AREA = 588.80 SQM.
TOTAL B/U AREA ALL FLOOR =2097.96 SQM.

f.a.r.= B/U area / Plot area = 2097.96 / 1049.25 = 1.99

WATER TANK CALCULATION:-

RESIDENTIAL CALCULATION:-
TOTAL NO. OF FLAT = 21 NOS.
EACH FLAT HAVING 5 PERSON
TOTAL NO. OF PERSON = 21 X 5 =105 PERSON
PER PERSON REQD. AREA =135 ltrs/day
TOTAL REQD.AREA OF WATER TANK = 105X135 = 14175 ltrs
FIRE WATER TANK =10000.0 ltrs.
TOTAL REQD.AREA OF WATER TANK
= (R+F)=(14175+10000)= 24175 ltrs.
PROVIDE AREA OF WATER TANK SIZE
1). (2.31 X 3.86 X 1.60 + 0.15)X1000 = 14266 LTRS.
2). (1.83 X 3.86 X 1.60 + 0.15)X1000 = 11919 LTRS.
TOTAL PROVIDED WATER TANK CAP CITY = 26185 LTRS.

SEPTIC TANK CALCULATION:-

TOTAL NO. OF FLAT =21 NOS.
EACH FLAT HAVING 5 PERSON
TOTAL NO. OF PERSON = 21 X 5 = 105 PERSON
PER PERSON REQD. = 0.085 qb.m/day
REQD.AREA OF SEPTIC TANK =105x0.085=8.92 qb.m/day
TOTAL AREA OF SEPTIC TANK =8.92+5.18 = 14.01 qb.m/day
AREA OF SEPTIC TANK SIZE = 4.50X2.00 X1.80 = 16.20 qb.m.
TOTAL PROVIDE AREA OF SEPTIC TANK = 16.20 qb.m.

PLANTATION CALCULATION:-
TOTAL GREEN AREA REQ. 5% OF PLOT AREA
TOTAL NET PLOT AREA = 1049.25X5% =52.46 SQM
TOTAL GREEN AREA REQUIRED = 52.46 SQM
PROVIDED GREEN AREA = 42.40X0.60 = 55.44 SQM

PLOT DETAILS :-

PROPOSED RESIDENTIAL BUILDING OF
(1) SRI. AJIT KUMAR SINGH S/O LATE- PERMESHWAR PRASAD SINGH (2) SMT. PRABHA SINGH W/O SRI. AJIT KUMAR SINGH (3) SRI. ABHISHEK SHUBAM GAM S/O SRI. AJIT KUMAR SINGH AT MAUZA - MAINPURA, P.S - PATLIPUTRA, SURVEY PLOT NO - 943 (P) , THANA NO - 02, TAUZI NO-5123 & 15276, KHATA NO-190, DIST - PATNA

DEVELOPERS:-
(1) SRI NITISH KUMAR, S/O LATE LAKHAN LAL
FLAT NO - B-301, KAPILDEOKUNJ, WEST ANANDPURI, PATNA.
(2) SRI VIVEK KUMAR,
S/O - SRI ARUN KUMAR SINGH, G-9, SHIVKUNJ APT.
GANDHI NAGAR, WEST BORING CANAL ROAD
PO - G.P.O, PS- SRI KRISHNAPURI, DIST - PATNA
STATE - BIHAR

SHEET NO	SCALE	NORTH
P.M.C.-01/01	1 : 100	

SAI TAPISH DEVELOPER
Nitish Kumar
Vivek Kumar
Partner
SIGNATURE OF DEVELOPER

AJIT SINGH
ARCHITECT
PATNA NAGAR NIGAM
Empanelment No.:AR-05/15
SIGNATURE OF ARCHITECT

PATNA MUNICIPAL CORPORATION
PATNA REGION, DEVELOPMENT AUTHORITY (DMSC) HQ
Case No. P/Mainpura/943/PKN-R1/17/2616 Dt. 13
Sanction of Plan Assorded under Section 314, 315, 316 & 317 of the Bihar Municipal Act, 2007 by the Municipal Commissioner, Patna on 09/02/17
SANCTION OF PLAN ACCORDED
Gulam Rasool
गुलाम रसूल
उप निदेशक
पटना नगर निगम
SAI TAPISH DEVELOPER
Nitish Kumar
Vivek Kumar
Partner
25.05.19

