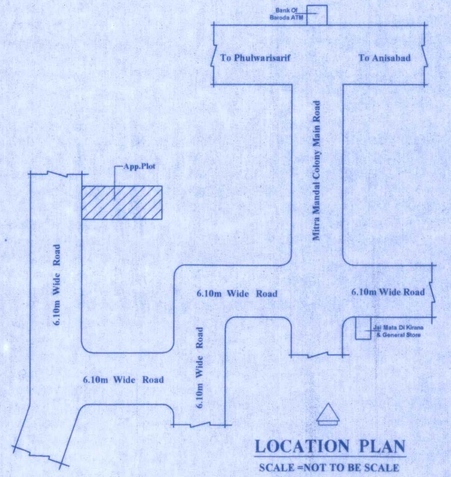
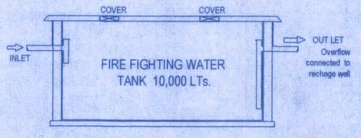
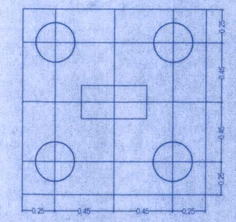



**LOCATION PLAN**

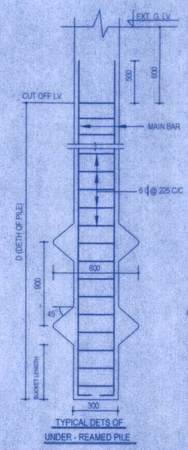
SCALE =NOT TO BE SCALE



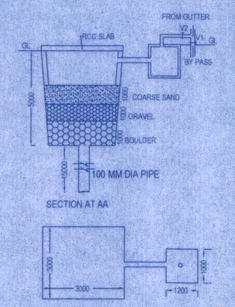

SECTION FIRE WATER TANK




DETAILS OF PILE FOUNDATION




TYPICAL DETS OF UNDER - REAMED PILE




DET. OF RECHARGEBLE BORE WELL

| PARKING CALCULATION:- | |
|---|---|
| Car Parking For = 25% | |
| CROSS CAR PARKING = 1833.85 X 25% = 458.46 sq.m. | |
| TOTAL PARKING AREA | |
| TOTAL REQUIRED CAR PARKING AREA | = 458.46 sq.m. |
| GROUND FLOOR PROVIDE PARKING AREA | = 460.36 sq.m. |
| TOTAL PROVIDE PARKING CAPACITY | = 460.36 sq.m. |

**Water Harvesting Sump Calculation :-**

TERRACE FLOOR MAX. AREA = 567.30 sqm.
RAIN WATER HARVESTING SUMP REQ. 6 CUM FOR EVERY 100 SQM. TERRACE AREA, SO TOTAL REQ. CAPACITY OF SUMP = 5.67 x 6 = 34.02 CUM.
PROVIDED TANK SIZE = 3.00 x 3.00 x 2.00 = 18.00 cum
& TRENCH VOLUME =(0.60m Deep & 0.45 m wide) = 17.00 cum
TOTAL VOLUME OF SUMP = 18 + 17 = 35.00 CUM.

**AREA CALCULATION :-**

| | |
|---|---|
| Total Plot Area As/Site | = 964.99 SQ.M. |
| Total Plot Area As/Deed | = 964.99 SQ.M. |
| Total B/up Area All Floor | = 1833.85 SQ.M. |
| F.A.R.= Total B/U AREA / Plot area | = 1833.85/964.99 = 1.90 |
| Ground. Floor B/up Area | = 131.95+460.36sq.m. |
| 1st. Floor B/up Area | = 567.30 sq.m. |
| 2nd. Floor B/up Area | = 567.30 sq.m. |
| 3rd. Floor B/up Area | = 567.30 sq.m. |
| Total Floor B/up Area | = 1833.85 sq.m. |

**GREEN AREA CALCULATION :-**

Total Net Plot Area = 964.99 sq.m.
Green Space Area %Reqd = 964.99 x 10% = 96.49 sq.m.
Total Provide Green Space = 100.00 sq.m.

**SEPTIC TANK CALCULATION:-**

Total No Of Flat = 19 Nos
Each Flat Having 5 Person
Total No Of Person = 19 x 5 = 95 Person
Per Person Req.Area = 0.085 qb.m/Day
Total Req. Area Of Septic Tank = 95 x 0.085 = 8.07 qb.m/Day
Total Req. Septic Tank Area = 8.07 qb.m/Day
Area Of Septic Tank Size = 5.00x1.50x1.50 = 11.25 qb.m/Day
Total Provide of Septic Tank All Block Area = 11.25 qb.m/Day

**WATER TANK CALCULATION:-**

Total No Of Flat = 19 Nos
Each Flat Having 5 Person
Total No Of Person = 19 x 5 = 95 Person
Per Person Req.Area = 135 Ltrs/Day
Total Req. Area Of Water Tank = 95 x 135 = 12825.00 Ltrs/Day
Fire Water Tank = 10000.00 Ltrs.
Total Req. Area = 22825.00 Ltrs/Day
Provide Area Of Water Tank Size
= 7.38x2.21x1.50x1000 = 24464.70 Ltrs/Day
Total Provide Water Tank Cap City = 24400.00sayLtrs/Day

**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 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 INSTALATION S

**Plot Detail:-**

**Proposed Residential Building OF**
**Sri Jay Parkash Gupta S/O Late Sri Jagdish Narayan Gupta, Residents At - Shell House,Gorakhnath Compound, Boring Canal Road,P.S.- S.K.Puri , District - Patna.**
**Mauza - Phulwarisarif ,Mohalla-Saket Vihar,Thana - Phulwarisarif, Patna,Bihar.**
**Tauzi - Bihar Sarkar ,Thana No- 35,Khata No- 694,719 & 706 Survey Plot No- 737,812 & 813,Jamabandi No -11597/1 District-Patna.**

| SHEET NO. | SCALE | NORTH |
|---|---|---|
| 01/02 | 1 : 100<br>1 : 200 | |

Brajesh Kumar Sinha
Structural Engineer
NPP/ST; ENG/90/2016
NAGAR PARISHAD PHULWARISHARIF PATNA
SIGNATURE OF ENGINEER

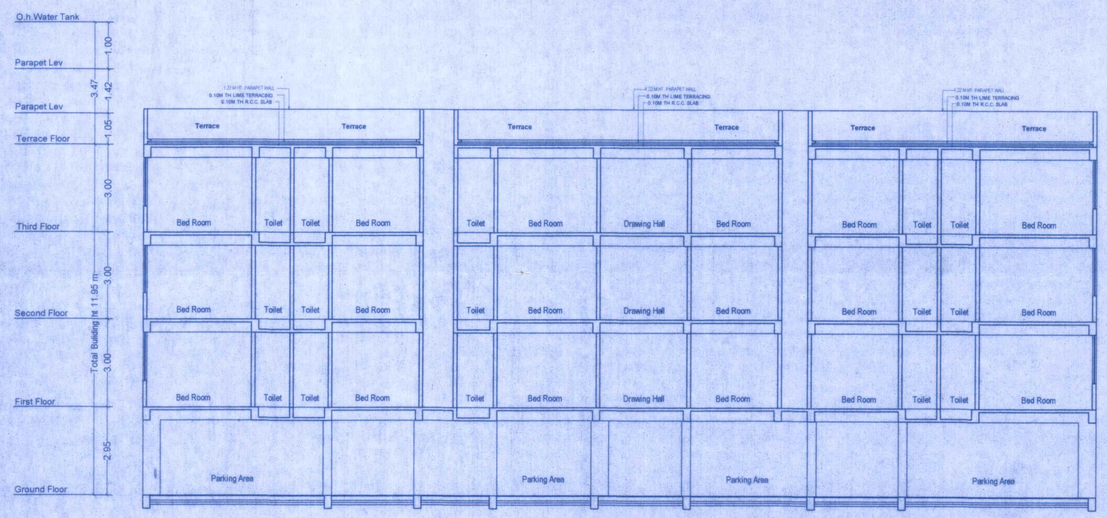
AR NAVRATNA RAGHUVANSHI
EMP.No. NPP/ARC/22/15

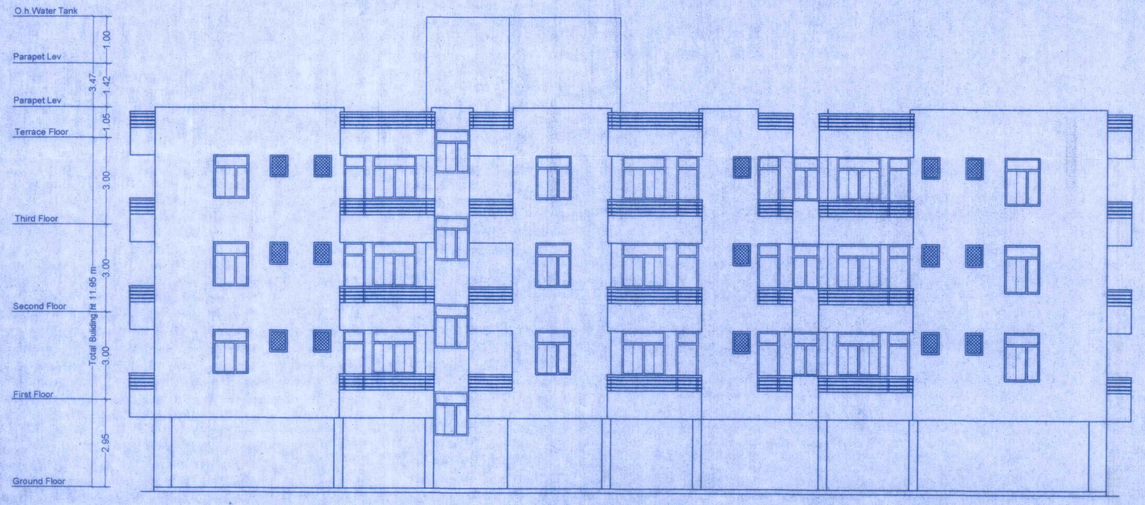
SIGNATURE OF OWNER

SIGNATURE OF ARCHITECT

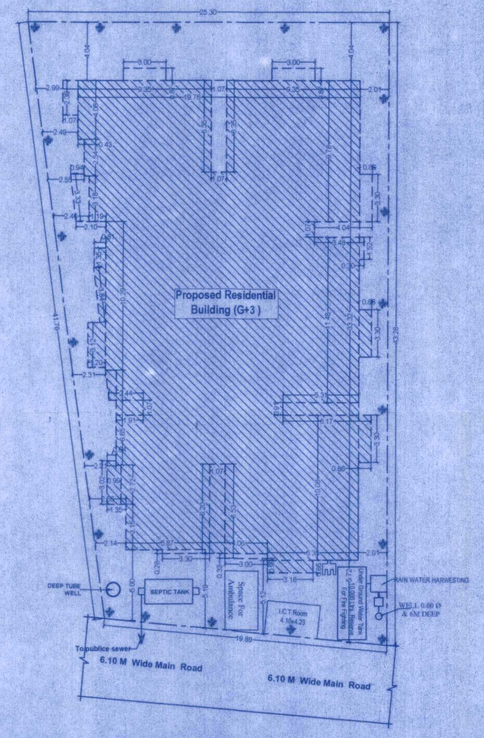
Building Plan No.- 74 / 2017-18
तकनीकी पदा0/अभियंता की अनुशंसा के आधार पर निम्नांकित शर्तों के साथभवन मानचित्र की स्वीकृति दी जाती है।
(1) बिहार भवन उपविधि 2014 मे नीहित सभी प्रावधानों का अनुपालन करना अनिवार्य होगा।
(2) नाला, सड़क एवं नाली के लिए अपनी जमीन छोड़ना होगा
(3) सरकारी या किसी दूसरे की जमीन पर अतिक्रमण नहीं करना होगा ।
(4) अपने भवन से सरकारी नाला तक जल निकासी हेतु अपने खर्च से नाली का निर्माण करना होगा।
(5) भवन में रहने के पूर्व नगर परिषद से निवासपत्र प्राप्त करना होगा ।

नगर कार्यपालक पदाधिकारी
नगर परिषद फुलवारी शरीफ




**Left Side Elevation**
Scale =1:100




**Site Plan**
Scale =1:100