TO WHOM IT MAY CONCERN

SUB:SANCTION OF BUILDING PLAN

Plan case no....05/16/Res/Bth+3/GP/Pat....by certified Architect

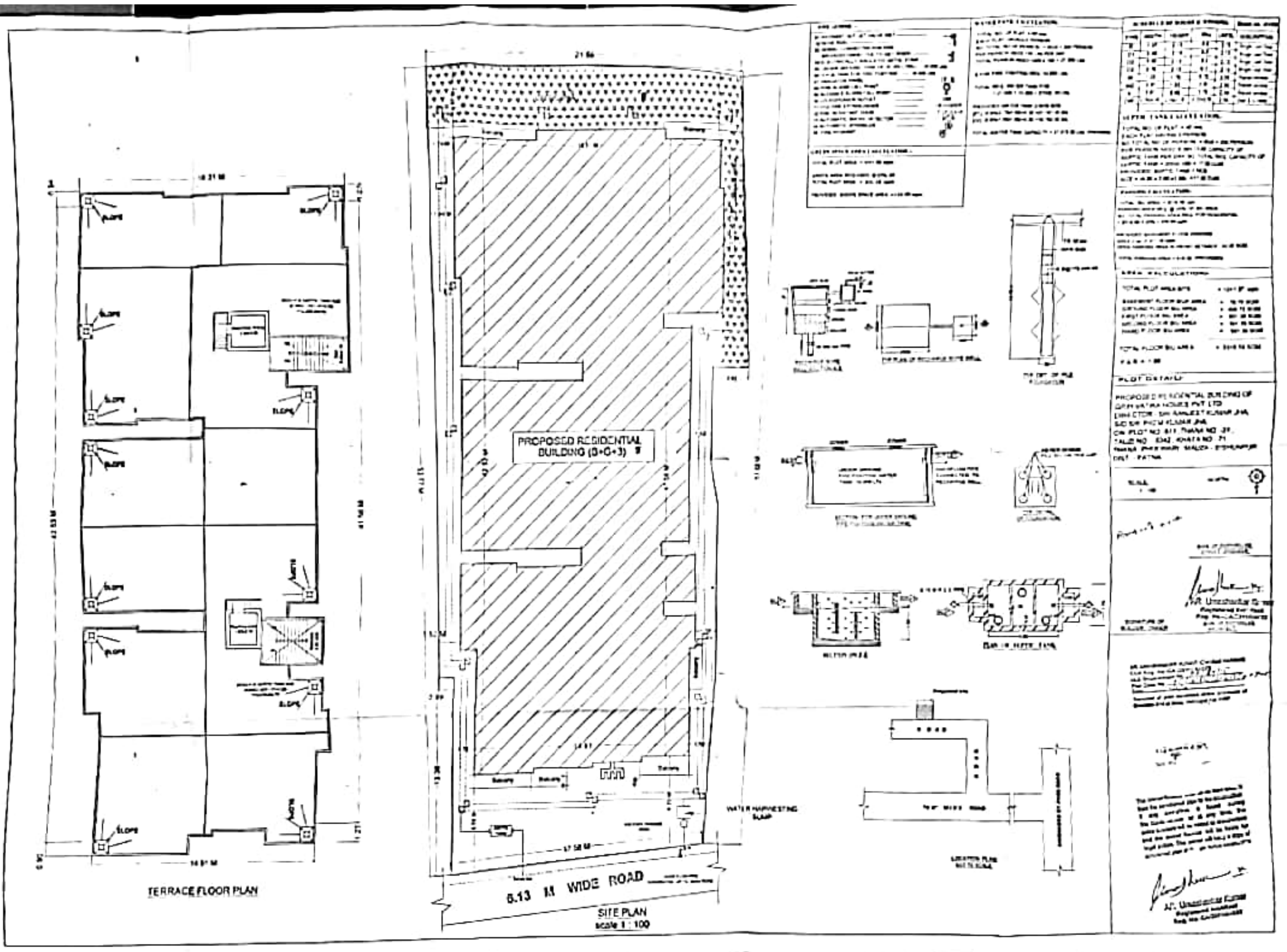
Khata no.71. survey plot no..511. Thana no.31.Ps Phulwari Distt. Patna ...area of

Land 1011.89 sqm...(appx.)

CERTIFICATE

With reference to the above, I certify that plan case no. 05/16/Res/Bth+3/GP/Pat has been approved by me. I further certify that I am mukhiya of the .kurthol....., Block ....distt Patna ....and the Construction plan of the premises as mentioned above has been approved by Me after approve of the same by certified architect ...Umashankar...........................and is in compliance with all the Relevant regulation and fulfill all the criteria , requirements under bihar Panchayat regulation act.

Signature of the mukhiya
Block -......................
(on seal)



Scanned by CamScanner

FIRE LEGEND :-

01 HYDRANT OUT LET VALVE WET
02 HOSE REEL
03 SEMAC CONNECTED FOR FIRE BRIGADE CONNECTED TO WET RISER
04 ELECTRICALLY INSULATED METAL STRIP
05 UNDER GROUND TANK OF 20 000 LTRS — 20,000 Ltrs
06 O.H.W.TANK FOR FIRE FIGHTING — 10 000 Ltrs
07 INDICATOR PANEL — A A
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 — Ⓢ
15 FIRE HYDRANT — Ⓗ

GREEN SPACE AREA CALCULATION :-

TOTAL PLOT AREA = 1011.83 sqm.

GREEN AREA REQUIRED @10% OF TOTAL PLOT AREA = 101.18 sqm.

PROVIDED GREEN SPACE AREA = 110.00 sqm.

WATER TANK CALCULATION:-

TOTAL NO. OF FLAT = 40 nos
EACH FLAT HAVING 5 PERSON
SO TOTAL NO OF PERSON = 40x5 = 200 PERSON
PER PERSON NEED 135 Ltrs PER DAY
TOTAL PERSON NEED = 200 x 135 = 27,000 Ltrs

& FOR FIRE FIGHTING REQ. 10,000 Ltrs.

TOTAL REQ. WATER TANK FOR
= 27,000 + 10,000 = 37000.00 Ltrs

PROVIDED WATER TANK 2 NOS SIZE
[01] (5.84x2.13x1.68)+0.30 = 21,187.00 ltrs
[02] (5.84x1.68x1.68)+0.30 = 16,782.00 ltrs

TOTAL WATER TANK CAPACITY = 37,575.00 Ltrs (PROVIDED)

SCHEDULE OF DOORS & WINDOWS

Sheet no. 41/03

TYPE	WIDTH	HEIGHT	SILL	LINTEL	DESCRIPTION
D	1.07	2.13	0.0	2.13	Single Leaf Door
D1	0.93	2.13	0.0	2.13	Single Leaf Door
D2	0.90	2.13	0.0	2.13	Single Leaf Door
D3	0.76	2.13	0.0	2.13	Single Leaf Door
W	1.22	1.78	0.76	2.54	Glazed window
W2	0.81	1.83	0.81	2.54	Glazed window
V	0.81	0.60	1.78	2.54	Glazed window
DW	0.76x0.46	2.54x1.78	[illegible]	2.54	Door & window

SEPTIC TANK CALCULATION:-

TOTAL NO. OF FLAT = 40 nos.
EACH FLAT HAVING 5 PERSON
SO TOTAL NO OF PERSON = 40x5 = 200 PERSON
PER PERSON NEED 0.085 CUM CAPACITY OF SEPTIC TANK PER DAY SO TOTAL REQ. CAPACITY OF SEPTIC TANK = 200x0.085 = 17.00 CUM.
PROVIDED SEPTIC TANK 1 NOS
SIZE = (4.30 x 2.60 x 1.55) = 17.32 CUM.

PARKING CALCULATION:-

TOTAL B/U AREA = 2018.59 sqm
PARKING AREA REQ. @ 25% OF B/U AREA.
SO TOTAL PARKING AREA REQ. FOR RESIDENTIAL
= 2018.58 X 25% = 534.64 sqm.

PROVIDED BASEMENT FLOOR PARKING
AREA (Cov.) = 477.02 sqm.
OPEN PARKING AREA IN FRONT SETBACK - 42.00 SQM.

TOTAL PARKING AREA = 519.02 (PROVIDED)

AREA CALCULATION:-

TOTAL PLOT AREA SITE = 1011.0? sqm.

BASEMENT FLOOR B/UP AREA = 18.70 SQM.
GROUND FLOOR B/U AREA = 495.73 SQM.
FIRST FLOOR B/U AREA = 501.39 SQM.
SECOND FLOOR B/U AREA = 501.39 SQM.
THIRD FLOOR B/U AREA = 501.39 SQM.

TOTAL FLOOR B/U AREA = 2018.59 SQM.

FAR = 1.99

PLOT DETAIL:-

PROPOSED RESIDENTIAL BUILDING OF
GRIH VATIKA HOMES PVT. LTD.
DIRECTOR - SRI RANJEET KUMAR JHA,
S/O SRI PREM KUMAR JHA,
ON PLOT NO.-511, THANA NO. -31,
TAUZI NO :- 5342, KHATA NO.- 71,
THANA - PHULWARI, MAUZA - BISHUNPUR,
DIST. - PATNA.

SCALE
1 : 100

NORTH

SIGN. OF EMPANELLED
STRUCT. ENGINEER

AR. Umeshanker Kumar
Registered Architect
Reg. No.-CA/2011/54023
SIGN. OF EMPANELLED
ARCHITECT.

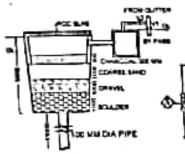
SIGNATURE OF
BUILDER / OWNER

AR. UMESHANKAR KUMAR (Certified Architect)
COA Reg. No.-CA (2011) 54023
ULB Empanelment No. [illegible]
Plan Case No. [illegible]
Date [illegible]
Sanction of plan accorded under provision of
Section 314 of Bihar Municipal Act 2007

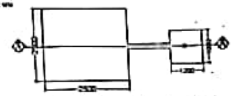
The Owner/Builder [illegible] no case deviate from the sanctioned plan for the construction. If any deviation is found during the construction or at any time, the entire structure will be treated as unauthorised and the owner/builder will be liable for legal action. The owner will keep a copy of sanctioned plan at the site during construction.

AR. Umeshanker Kumar
Registered Architect
Reg. No.-CA/2011/54023

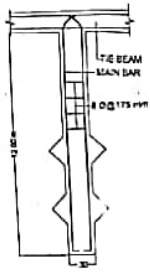
Grihvatika Homes Pvt. Ltd.
Director



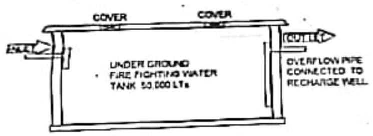
RECHARGE BORE WELL SECTION A-A



TYP PLAN OF RECHARGE BORE WELL

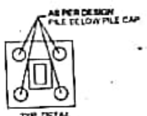


TYP. DET. OF PILE FOUNDATION

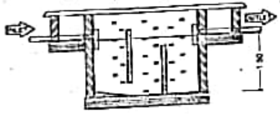


COVER
COVER
INLET
OUTLET
UNDER GROUND FIRE FIGHTING WATER TANK 50,000 LTs
OVERFLOW PIPE CONNECTED TO RECHARGE WELL

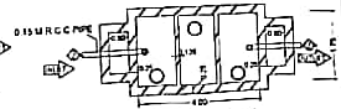
SECTION FOR UNDER GROUND FIRE FIGHTING WATER TANK



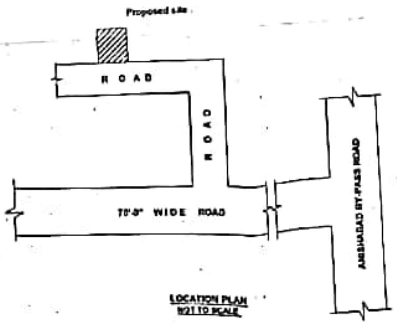
TYP. DETAIL OF FOUNDATION



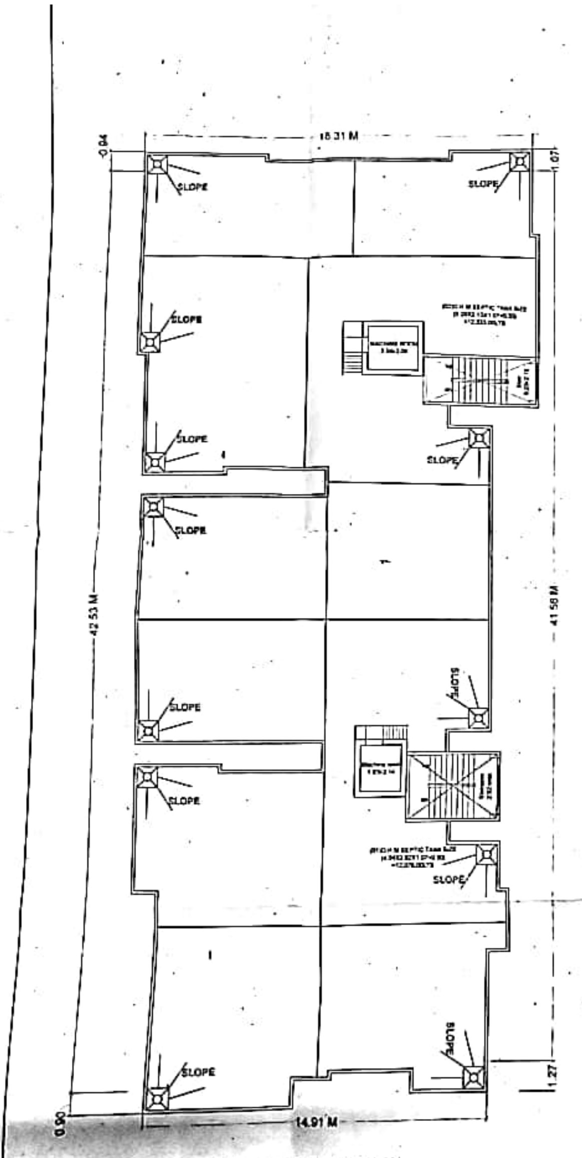
SECTION ON Z-Z



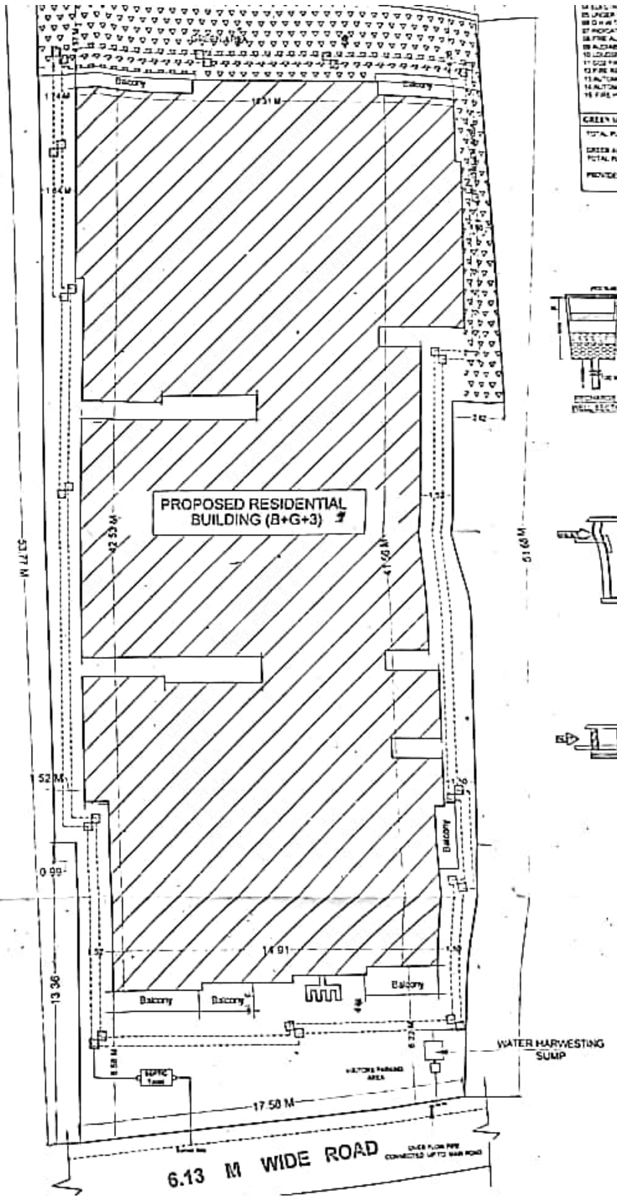
PLAN OF SEPTIC TANK



LOCATION PLAN
NOT TO SCALE



TERRACE FLOOR PLAN



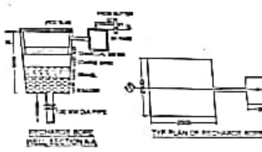
04 ELECTRICALLY INSULATED METAL STRIP
05 UNDER GROUND TANK OF 20,000 LTRS
06 O.H.W TANK FOR FIRE FIGHTING
07 INDICATOR PANEL
08 FIRE ALARM CALL POINT
09 AUDIBLE ALARM CALL POINT
10 LOUDSPEAKER & OUTLET
11 CO2 FIRE EXTINGUISHER
12 FIRE RESISTANT DOOR
13 AUTOMATIC SMOKE DETECTOR
14 AUTOMATIC SPRINKLER
15 FIRE HYDRANT

GREEN SPACE AREA CALCULATION :-

TOTAL PLOT AREA = [illegible] sqm.

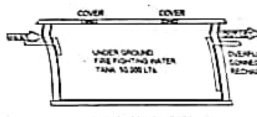
GREEN AREA REQUIRED @ [illegible]% OF TOTAL PLOT AREA = [illegible] sqm.

PROVIDED GREEN SPACE AREA = [illegible] sqm.

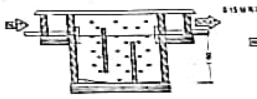


RECHARGE BORE WELL SECTION A-A

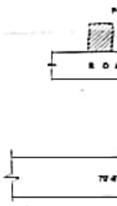
TYP PLAN OF RECHARGE BORE


COVER
COVER
UNDER GROUND FIRE FIGHTING WATER TANK 50,000 LTS
OVERFLOW CONNECTED TO RECHARGE

SECTION FOR UNDER GROUND FIRE FIGHTING WATER TANK



SECTION ON Y-Z



FIRE LEGEND:-

- 01 HYDRANT OUTLET LANDING VALVE
- 02 HOSE REEL
- 03 SIAMESE CONNECTED FOR FIRE BRIGADE CONNECTED TO WET RISER
- 04 ELECTRICALLY INSULATED METAL STRIP
- 05 UNDER GROUND TANK OF 20,000 LTRS — 20,000 Ltrs
- 06 O.H.W. TANK FOR FIRE FIGHTING — 10,000 Ltrs
- 07 INDICATOR PANEL
- 08 FIRE ALARM CALL POINT
- 09 [illegible] ALARM CALL POINT
- 10 LOUDSPEAKER OUTLET
- 11 CO2 FIRE EXTINGUISHER
- 12 FIRE RESISTANT DOOR
- 13 AUTOMATIC SMOKE DETECTOR
- 14 AUTOMATIC SPRINKLER
- 15 FIRE HYDRANT

GREEN SPACE AREA CALCULATION:-

TOTAL PLOT AREA = 1011.80 sqm.

GREEN AREA REQUIRED @10% OF
TOTAL PLOT AREA = 101.18 sqm.

PROVIDED GREEN SPACE AREA = 110.00 sqm.

WATER TANK CALCULATION:-

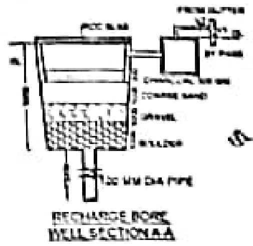
TOTAL NO. OF FLAT = 40 nos.
EACH FLAT HAVING 5 PERSON
SO TOTAL NO OF PERSON = 40x5 = 200 PERSON
PER PERSON NEED 135 Ltrs PER DAY
TOTAL PERSON NEED = 200 x 135 = 27,000 Ltrs

& FOR FIRE FIGHTING REQ. 10,000 Ltrs

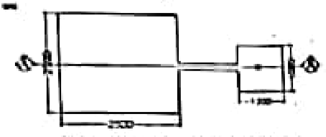
TOTAL REQ. WATER TANK FOR
= 27,000 + 10,000 = 37000.00 Ltrs

PROVIDED WATER TANK 2 NOS SIZE
[01] (3.84x2.17x1.68)=3.30 =21,187.00 ltrs
[02] (3.84x1.68x1.68)=2.30 =16,783.00 ltrs

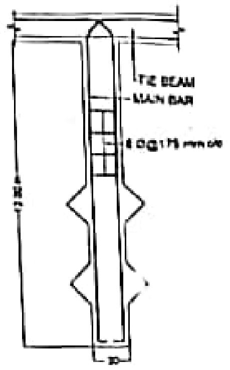
TOTAL WATER TANK CAPACITY = 37,970.00 Ltrs (PROVIDED)



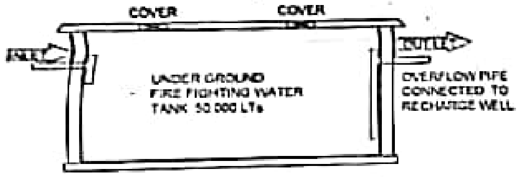
RECHARGE BORE WELL SECTION A-A



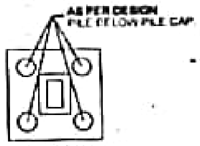
TYP PLAN OF RECHARGE BORE WELL



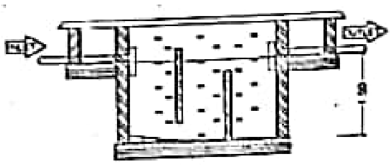
TYP DET. OF PILE FOUNDATION


COVER
COVER
INLET
OUTLET
UNDER GROUND FIRE FIGHTING WATER TANK 50,000 LTs
OVERFLOW PIPE CONNECTED TO RECHARGE WELL

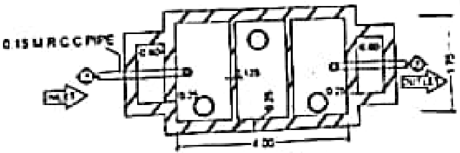
SECTION FOR UNDER GROUND FIRE FIGHTING WATER TANK



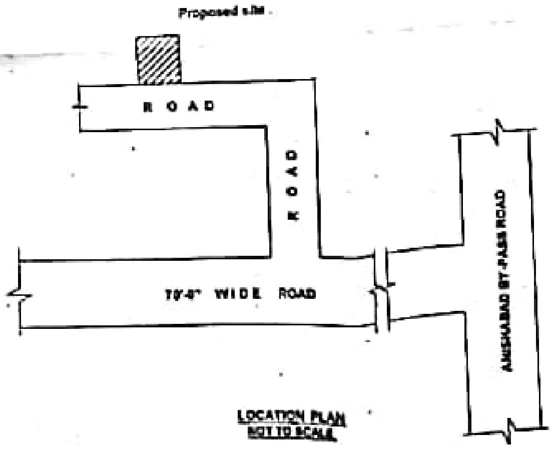
TYP DETAIL OF FOUNDATION



SECTION ON Z-Z



PLAN OF SEPTIC TANK.



LOCATION PLAN
NOT TO SCALE

5168 M

TER HARVESTING
SUMP

SCHEDULE OF DOORS & WINDOWS — Sheet no. 01/01

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	0.90	2.13	0.0	2.13	Single Leaf Door
D3	0.76	2.13	0.0	2.13	Single Leaf Door
W	1.22	1.76	0.76	2.14	Glazed window
W2	0.81	1.83	0.81	2.54	Glazed window
V	0.61	0.60	1.79	2.54	Glazed window
DW	0.76x0.46	2.54x1.79	0.2x0.76	2.14	Door & a window

SEPTIC TANK CALCULATION:-

TOTAL NO. OF FLAT = 40 nos.
EACH FLAT HAVING 5 PERSON
SO TOTAL NO OF PERSON = 40x5 = 200 PERSON
PER PERSON NEED 0.085 CUM CAPACITY OF
SEPTIC TANK PER DAY SO TOTAL REQ. CAPACITY OF
SEPTIC TANK = 200x0.085 = 17.00 CUM.
PROVIDED SEPTIC TANK 1 NOS
SIZE = (4.30 x 2.60 x 1.55) = 17.32 CUM.

PARKING CALCULATION:-

TOTAL B/U AREA = 2018.59 sqm
PARKING AREA REQ. @ 25% OF B/U AREA,
SO TOTAL PARKING AREA REQ. FOR RESIDENTIAL
= 2018.59 X 25% = 504.64 sqm.

PROVIDED BASEMENT FLOOR PARKING
AREA (Car) = 477.02 sqm
OPEN PARKING AREA IN FRONT SETBACK - 42.00 SQM.

TOTAL PARKING AREA = 519.02 (PROVIDED)

AREA CALCULATION:-

TOTAL PLOT AREA SITE	= 1011.80 sqm.
BASEMENT FLOOR B/UP AREA	= 18.70 SQM.
GROUND FLOOR B/U AREA	= 495.72 SQM.
FIRST FLOOR B/U AREA	= 501.39 SQM.
SECOND FLOOR B/U AREA	= 501.39 SQM.
THIRD FLOOR B/U AREA	= 501.39 SQM.
TOTAL FLOOR B/U AREA	= 2018.59 SQM.

F.A.R = 1.99

PLOT DETAIL:-

PROPOSED RESIDENTIAL BUILDING OF
GRIH VATIKA HOMES PVT. LTD.
DIRECTOR - SRI RANJEET KUMAR JHA,
S/O SRI PREM KUMAR JHA,
ON PLOT NO -511 ,THANA NO. -31 ,
TAUZI NO :- 5342 , KHATA NO:- 71,
THANA -PHULWARI , MAUZA - BISHUNPUR,
DIST. - PATNA

SCALE
1 : 100

NORTH

Ranjeet Kumar

SIGN OF EMPANELLED STRUCT. ENGINEER

SIGNATURE OF BUILDER / OWNER

AR. Umashankar Kumar
Registered Architect
Reg. No.-CA/2011/54023
SIGN OF EMPANELLED ARCHITECT

AR. UMASHANKAR KUMAR (Certified Architect)
COA Reg. No.-CA/2011/54023
ULB Empanelment No. [illegible]
Plan Case No. [illegible]
Date [illegible]
Sanction of plan accorded under provision of
Section 314 of Bihar Municipal Act 2007

[illegible]

The Owner/Builder shall in no case deviate from the sanctioned plan for the construction. If any deviation is found during the construction or at any time, the entire structure will be treated as unauthorized and the owner/builder will be liable for legal action. The owner will keep a copy of sanctioned plan at the site during construction.

AR. Umashankar Kumar
Registered Architect
Reg. No.-CA/2011/54023

Grihvatika Homes Pvt. Ltd.
Director