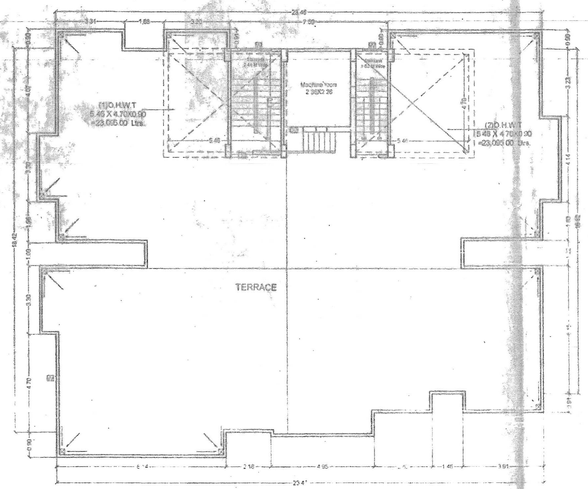
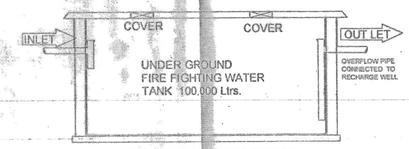
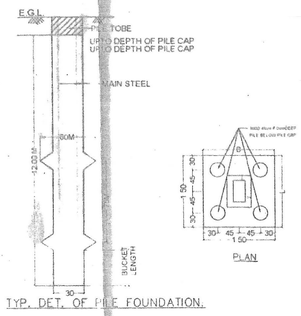


TERRACE FLOOR PLAN
SCALE 1=100,(Block-e)



SECTION FOR UNDER GROUND
FIRE FIGHTING WATER TANK





TYP. DET. OF PILE FOUNDATION.

GREEN SPACE CALCULATION :-

TOTAL NET PLOT AREA = 3910.78 sqm.
GREEN AREA REQUIRED @10% OF
TOTAL PLOT AREA = 391.07 sqm.

PROVIDED GREEN SPACE AREA =405.39 sqm.

WATER HARVESTING SUMP CALCULATION :-

TERRACE FLOOR AREA = 670.67 sqm.
RAIN WATER HARVESTING SUMP REQ. 6 CUM FOR
EVERY 100 SQM. TERRACE AREA, SO TOTAL
REQ. CAPACITY OF SUMP = 14.40 x 6 = 88.80CUM.
PROVIDED FIRE TANK SIZE =5.00x4.00x5.00 =100.00 cum.
IN WHICH PROVIDED 54.00 CUM FOR RAIN
WATER HARVESTING SUMP.

FIRE LEGEND :-

01.HYDRANT OUT LET VALVE WET ---------- (W)
02.HOSE REEL ---------- HR
03.SEMAC CONNECTED FOR FIRE
BRIGADE CONNECTED TO WET RISER ---------- FB
04.ELECTRICALLY INSULATED METAL STRIP ---
05.UNDER GROUND TANK OF 50,000 Ltrs--- 1,00,000 Ltrs
06.O.H.W.TANK FOR FIRE FIGHTING ------- 50,000 Ltrs.
07.FIRE ALARM CALL POINT ---------- (O)
09.AUDIABLE ALARM CALL POINT ----------
10.LOUDSPEAKER OUTLET ---------- SPL
11.CO2 FIRE EXTINGUISHER ---------- CO2/DCP
12.FIRE RESISTANT DOOR ---------- F.D
13.AUTOMATIC SMOKE DETECTOR ---------- A
14.AUTOMATIC SPRINKLER ---------- (S)

POPULATION CALCULATION :-

TOTAL NO. OF FLAT IN TOWER -A = 32 nos.
TOTAL NO. OF FLAT IN TOWER -B = 72 nos.
TOTAL NO. OF FLAT (BLOCK A+B) = 104 nos
EACH FLAT HAVING 5 PERSON
SO TOTAL NO OF PERSON = 104 x 5 = 520 nos

PARKING CALCULATION :-

TOTAL B/U AREA ALL FLOOR =10,577.34 sqm
PARKING AREA REQ. @ 25% OF B/U AREA,
SO TOTAL PARKING AREA REQ.
= 10577.34X 25% =2644.33 sqm.

	BLOCK-A	BLOCK-B
BASEMENT FLOOR	491.80 Sqm	117.19 Sqm
GROUND FLOOR	00.00 Sqm	982.83 Sqm

TOTAL (BLOCK-A+B) 2648.82 Sqm (PROVIDED)

SEPTIC TANK CALCULATION :-

TOTAL NO OF PERSON = 520 PERSON
PER PERSON NEED 0.085 CUM. CAPACITY OF
SEPTIC TANK PER DAY SO TOTAL REQ. CAPACITY
OF SEPTIC TANK = 520X0.085 = 44.20 CUM.
PROVIDED SEPTIC TANK 2 NOS
SIZE = 6.00 X 2.50 X1.50 = 22.50X2=45.00 CUM
9 PROVIDED.

WATER TANK CALCULATION :-

TOTAL NO OF PERSON = 520 PERSON
PER PERSON NEED 135 Ltrs PER DAY
TOTAL PERSON NEED = 520x135 = 70,200.00 Ltrs.
& EXTRA TAKE FOR FIRE FIGHTING
= 250,000 Ltrs EACH
TOTAL WATER TANK REQUIRED
= 70,200+50,000 = 1,20,200 Ltrs.
PROVIDED WATER TANK NOS.SIZE
BLOCK-A
(1.)5.46X4.70X0.90 = 23,095.00 Ltrs.
(2.)5.46X4.70X0.90 = 23,095.00 Ltrs.
BLOCK-B
(1.)5.00X5.46X0.90 = 24,570.00 Ltrs.
(1.)5.00X5.46X0.90 = 24,570.00 Ltrs.
(3.)6.12X4.90X0.90 = 26,980.00 Ltrs.

TOTAL = 1,22,310.00 LTRS.
(PROVIDED)

AREA CALCULATION :-

01/04

TOTAL PLOT AREA AS /DEED = 6327.59 sqm.
TOTAL PLOT AREA AS /SITE = 3962.47 sqm.
LEFT FOR ROAD WIDENING = 51.69 sqm.
NET PLOT AREA = 3910.78 sqm.

	BLOCK-A	BLOCK-B
Basement Floor b/u area	14.70 m²	25.63 m²
Ground Floor b/u area	388.12 m²	29.45 m²
First Floor b/u area	393.86 m²	871.07 m²
Second Floor b/u area	393.86 m²	871.07 m²
Third Floor b/u area	393.86 m²	871.07 m²
Fourth Floor b/u area	393.86 m²	871.07 m²
Fifth Floor b/u area	393.86 m²	871.07 m²
Sixth Floor b/u area	393.86 m²	871.07 m²
Seventh Floor b/u area	393.86 m²	871.07 m²
Eighth Floor b/u area	393.86 m²	871.07 m²
Total b/u area	3,553.70 m²	7,023.64 m²

Total b/u area(BLOCKA+BLOCK-B)
=3,553.70.70+7,023.64=10,577.34 m²
F.A.R.= 10,577.34 /3910.78=2.70

PLOT DETAIL :-

PROPOSED BUILDING OF
SIMHASTH CONSTRUCTION PVT.LTD.
DIRECTOR- SRI.RAJESH RANJAN,
S/O LATE.HARI NARAYAN SINGH & OTHERS
ON S. PLOT NO. - 469,471(P),KHATA NO.-252,248,
TAUZI NO.- 3102,THANA NO.-104,
MAUZA - NEORA, THANA- BIHTA,DIST. - PATNA

SCALE.	NORTH.
1 : 100 1 : 200	

Sushil Kumar
Junior Engineer
Licensed No - 182016
Valid Upto
SIGN. OF EMPANELED STRUCT. ENGINEER

SIMHASTH CONSTRUCTIONS PVT. LTD
Director
SIGNATURE OF BUILDER / OWNER

AR. Umashankar Kumar
Registered Architect
Regd. No.-CA/2011/35039
SIGN. OF EMPANELED ARCHITECT

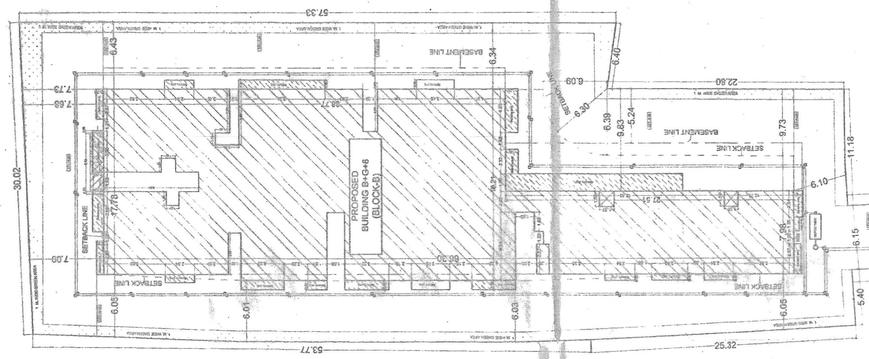
27.06.2020
सहायक अभियंता
पटना महानगर क्षेत्र प्राधिकार

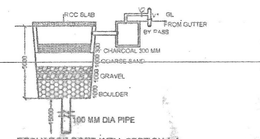
30.6.2020
प्रभारी निदेशक
पटना महानगर क्षेत्र प्राधिकार

Patna Metropolitan Area Authority
Sanction of Plan case no. PMAA/PRN/NEORA/0344+03/03/2019
dated 16.09.2019 accorded under
Development Control Regulations for Patna
Master Plan 2031 (byelaws no 8(4) of Bihar Building
Byelaws 2014) vide notification no 851/632
dated 28.10.2016 on Date 03.01.2020

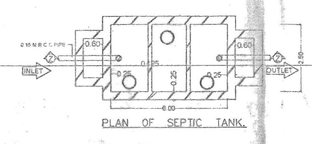
बिहार भू-उपयोग (विनियमन विकास) नियमावली, 2017 की शर्तों के अधीन राज्य से गठित विनियमन प्राधिकरण से पूर्ण स्वीकृति का निबंधन अनिवार्य होगा।

SIMHASTH CONSTRUCTIONS PVT. LTD
Director





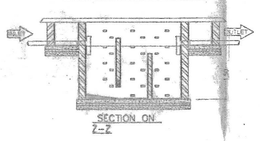
RECHARGE BORE WELL SECTION A-A



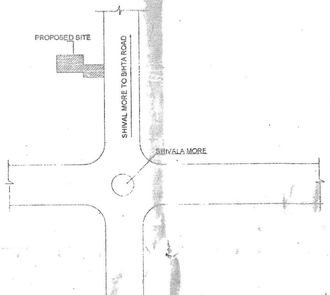
PLAN OF SEPTIC TANK.



TYP PLAN OF RECHARGE BORE WELL



SITE PLAN
SCALE 1=200



LOCATION PLAN
NOT TO SCALE

