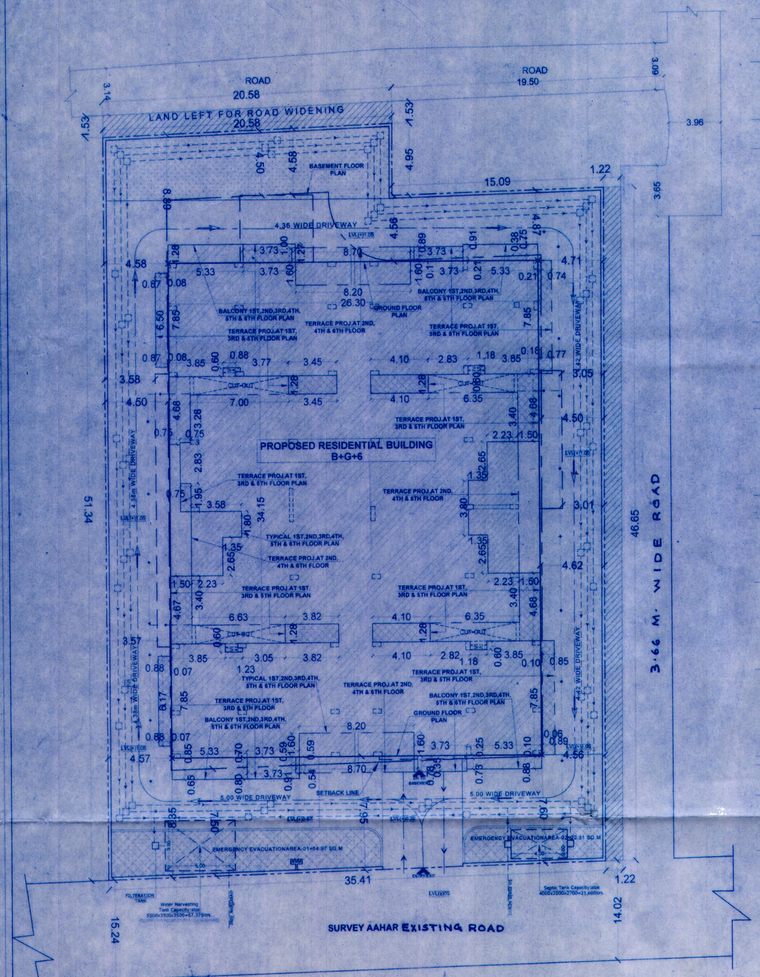
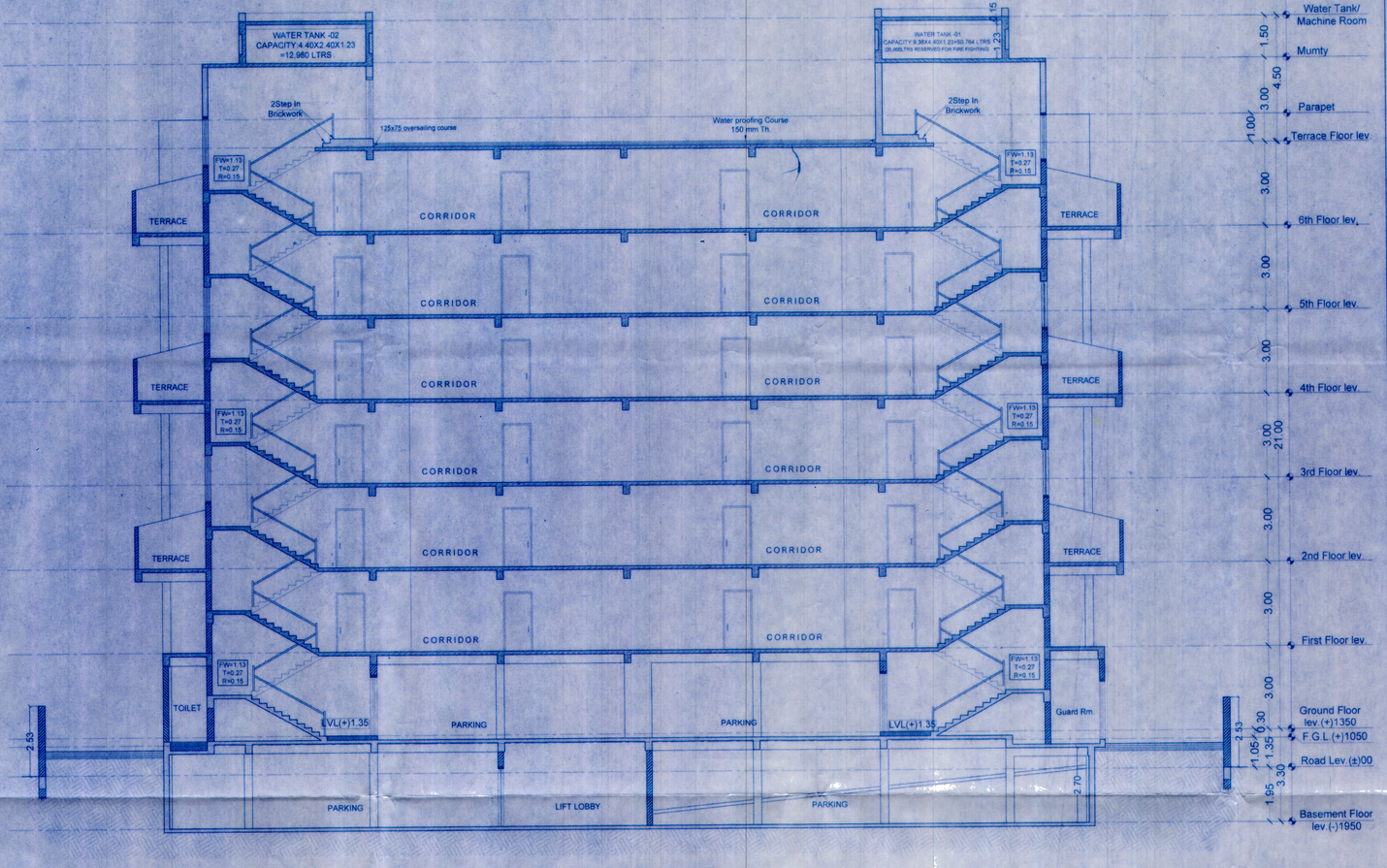
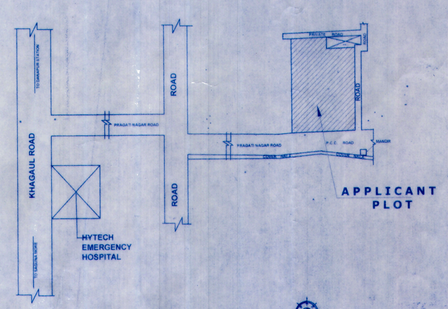


SITE PLAN
SCALE 1:200

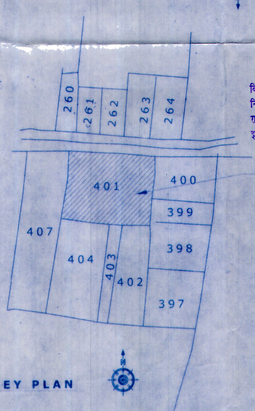


SECTION = AB



APPLICANT PLOT

LOCATION MAP



APPLICANT PLOT

KEY PLAN

F.A.R. CALCULATION

B/U AREA	BLOCK-A
BASEMENT FLOOR	60.98 SQ. M
GROUND FLOOR	63.13 SQ. M
FIRST FLOOR	701.02 SQ. M
SECOND FLOOR	701.02 SQ. M
THIRD FLOOR	701.02 SQ. M
FOURTH FLOOR	701.02 SQ. M
FIFTH FLOOR	701.02 SQ. M
SIXTH FLOOR	701.02 SQ. M
TOTAL	4330.23 SQ. M

TOTAL AREA AS PER DEED = 2156.99 SQ.M
TOTAL PLOT AREA AS/SITE = 1816.99 sqm.
AREA LEFT FOR ROAD WIDENING = 88.29sqm.
NET TOTAL PLOT AREA = 1728.70 sqm.
GRAND TOTAL B/U AREA = 4330.23 SQ. M
F.A.R = 4330.23 / 1728.70 = 2.50

SETBACK DETAILS

FOR RESIDENTIAL BUILDING HEIGHT UPTO 21M. AS PER BYE-LAWS
Front Setback = 7.50 M
Rear Setback = 4.50 M
Side Setback = 4.50 M

PROVIDED SETBACK
Front Setback = 7.50 M
Rear & Side Setback = 4.50 M

PARKING CALCULATION

RESIDENTIAL BUILDING
25 % OF RESIDENTIAL B/U AREA =0.25 X 4330.23
=1082.55 SQ.M.

TOTAL REQUIRED PARKING AREA =1082.55SQ.M.
PARKING AREA AT BASEMENT = 788.12 SQ.M.
PARKING AREA AT GROUND FLOOR = 544.34 SQ.M.
TOTAL PROVIDED PARKING AREA = 1332.46 SQ.M.

POPULATION DENSITY CALCULATION

RESIDENTIAL
NO. OF RESIDENTIAL FLATS ON 1ST TO 6TH FLOOR =8 (EACH)
TOTAL NO. OF RESIDENTIAL FLATS ON 1ST TO 6TH FLOOR
= (8 X 6)= 48 FLATS

TOTAL NO. OF FLATS=48 FLATS.

CONSIDERING EACH FLAT HAVING 5 PERSONS
TOTAL NO. OF PERSONS OCCUPYING FLATS = (48 X 5) = 240 PERSONS

TOTAL NO. OF PERSONS =240 PERSONS

RAINWATER HARVESTING SUMP CALCULATION

MAXIMUM TERRACE AREA=744.35 SQ.M
RAIN WATER HARVESTING SUMP REQUIRES
= 6 CU. M FOR EVERY 100 SQM. ROOF AREA

TOTAL REQ. CAPACITY OF TANK = 744.35 X 0.06 =44.66 CU M.

PROVIDED RAIN WATER STORAGE TANK SIZE=5500X3500X3500
=67.375 LTS. APPROX + FB

WATER TANK CALCULATION

ACCORDING TO N.B.C WATER REQUIREMENT FOR DIFFERENT OCCUPANCIES
TYPE OF OCCUPANCY — **WATER REQUIREMENT**
RESIDENTIAL — 135 LTRS/ HEAD/ DAY

TOTAL NO. OF PERSONS OCCUPYING FLATS = 240 PERSONS
TOTAL WATER REQUIREMENT = 240 X 135 = 32,400 LTRS.
25,000 LTRS REQUIRED FOR FIRE FIGHTING.
WATER TANK-01 = 9.38X4.40X1.23 = 50,764 ltrs.[25,000 ltrs Reserved For Fire Fighting]
WATER TANK-02 = 4.40X2.40X1.23 = 12,960 ltrs.

SEPTIC TANK CALCULATION

TOTAL NO OF PERSONS ON ALL THE FLOORS = 240
1 PERSON NEED 0.085 CUM. CAPACITY OF SEPTIC TANK
TOTAL PERSONS NEED = 240 X 0.085 = 20.4 CU. M (REQ.)

PROVIDED SEPTIC TANK OF SIZE
=[4000 mm (LONG) x 2000 mm (WIDE)
x 2700 mm (DEEP)]+ FREE BOARD = 21,600 LTRS.

EMERGENCY EVACUATION ASSEMBLY AREA CALCULATION

ASSUMING OCCUPANCY % = 80% FOR RESIDENTIAL = 80% OF 240
= 0.8 X 120 = 192 PERSONS

TOTAL NO. OF PERSONS =192 ≈ 195 PERSONS

AREA REQUIRED FOR 1 PERSON (TO STAND) = 4 SQ.FT OR 0.36 SQ. M
AREA REQUIRED FOR 195 PERSONS = 195 X 0.36 = 69.12 SQ. M

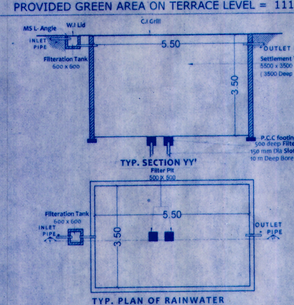
SO, AREA AS PROVIDED IS DISTRIBUTED IN 2 PARTS

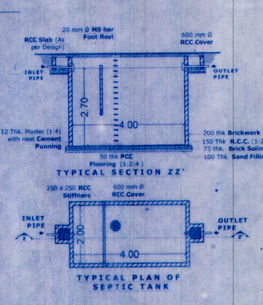
TOTAL EMERGENCY EVACUATION ASSEMBLY AREA AS PROVIDED = I + 2= 54.97 + 22.31 = 77.28 SQ. M

GREEN AREA CALCULATION

REQUIRED GREEN AREA = 10% OF TOTAL PLOT AREA
= 0.1 X 1728.70
= 172.87 SQ. M

PROVIDED GREEN AREA ON PLINTH LEVEL = 175.01 SQ.M
PROVIDED GREEN AREA ON TERRACE LEVEL = 111.79 SQ.M





FIRE FIGHTING LEGEND

Symbol	Description
	CO2 / DCP Fire Extinguisher
	Hose Reel
S	Sprinkler
	Down comer Pipe
	Fire Alarm Bell
F.D	Fire Resistant Door
	Fire Alarm Call Point
	Fire Escape Route
	Semac connection for Fire Brigade
EXIT	Fire Exit
	Water Pump for terrace tank
EL	Emergency Light
O.H.W.T.	capacity 25,000 litres

• FOR RESIDENTIAL BUILDING HEIGHT UPTO 21 M

This is to certify that this plan has been prepared after site inspection and strictly as per the guidelines of Bihar building Bye-Laws 2014.

RAKESH RANJAN RAJE
DANAPUR REG. No.- CA/88/8665
[illegible]

SPECIFICATIONS

01) FOUNDATION :- R.C.C. PILE FOUNDATION AS/STRUCTURAL DESIGN.
02) SUPER STRUCTURE :- R.C.C. FRAMED STRUCTURE AS/STRUCTURAL DESIGN.
03) BRICKWORK :- 250 THK. & 125 THK. 1ST CLASS BRICK WORK. **04) FLOORING :-** MOSAIC CAST-IN-SITU FLOORING IN GREY CEMENT IN ALL AREA.
05) WALL FINISH :-
(i) INTERNAL - ALL INTERNAL SURFACE SHALL BE PAINTED WITH CEMENT PRIMER OVER FLOAT FINISH OF P.O.P.
(ii) EXTERNAL - ALL EXTERNAL SURFACE SHALL 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 DOOR OF 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 SANITARYWARE 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 MARK
(iii) ADEQUATE LIGHTING/POWER POINT SOCKETS AS/ DESIGN & DRAWING.
10) WATER SUPPLY :- ROUND THE CLOCK WATER SUPPLY BY MEANS OF OWN BORING & OVERHEAD TANK.

NAME OF PROJECT
PANCHWATI ENCLAVE

NAME OF OWNER & ADDRESS
MAA SUNAINA CONSTRUCTION PVT. LTD.,
M.D.- MR.PREM KUMAR,S/O SHRI RAGHO PRASAD
ADDRESS-715(D),BHAGWAT NAGAR
MAIN ROAD,KUMHRAR,THANA-AGAM KUAN,
DIST-PATNA(BIHAR)-800026

PLOT DETAIL
SURVEY KHESRA NO.401(P), KHATA NO.58,
TAUZI - 5234,THANA NO. 24,THANA-DANAPUR,
MAUZA-MAINPUR SHANKAR,
PARGANA-PHULWARI SHARIF, DIST.-PATNA

BOUNDARY
NORTH - ROAD
SOUTH - ROAD
EAST - SRI SATENDRA PRASAD, S/O LATE DEV NANDAN SONAR
WEST - SAHAYAK SADAK

SHEET DETAIL
(1) SITE PLAN
(2) SECTION-AB
(3) CALCULATIONS

SHEET NO.	NORTH	SCALE
01/05		1:100

For Maa Sunaina Construction Pvt. Ltd.
Director
Director
SIGNATURE OF DEVELOPER

Er. Amrendra Kumar
(Structural Engineer)
Reg. No.-01/STRU/2018 (N.P.D.N.)
SIGNATURE OF STRUCTURAL ENGINEER

RAKESH RANJAN RAJE
DANAPUR REG No.- 66/Arch/2015/NPDN
C.O.A. REG. No.- CA/88/8665
SIGNATURE OF ARCHITECT

Building Plan No. 69/21-22
30/09/2021
A.E.
Nagar Parishad Danapur Nizamat

विहार भू-सम्पदा (विनियमन और विकास) नियमावली 2017 (RERA) की शर्तों के अधीन ग्राम में गठित भू-सम्पदा प्राधिकरण से इस परियोजना का निबंधन अनिवार्य होगा।

30/09/21
J.E.
Nagar Parishad Danapur Nizamat

बरसाती पानी जाने के [illegible] होगा। भवन [illegible] भवन मानचित्र [illegible] खड़े किये गये [illegible] मानचित्र की स्वीकृति [illegible] होगी। भवन में आवासित होने [illegible] Certificate/Occupancy [illegible] अनिवार्य होगा।

नगर परिषद