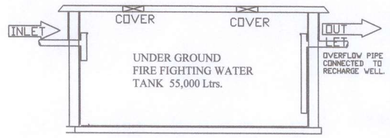
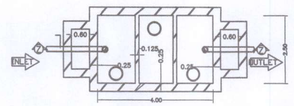
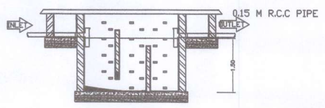


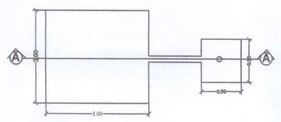
SECTION FOR UNDER GROUND
FIRE FIGHTING WATER TANK



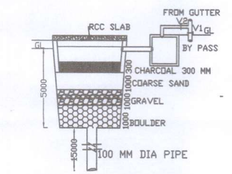
PLAN OF SEPTIC TANK.



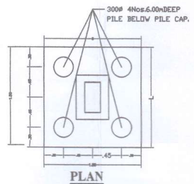
SECTION Z-Z



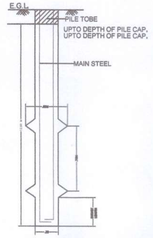
RECHARGE PIT



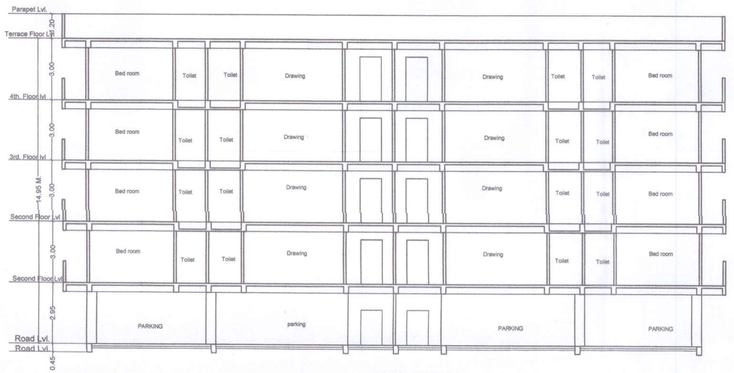
RECHARGE BORE WELL SECTION A-A



PLAN

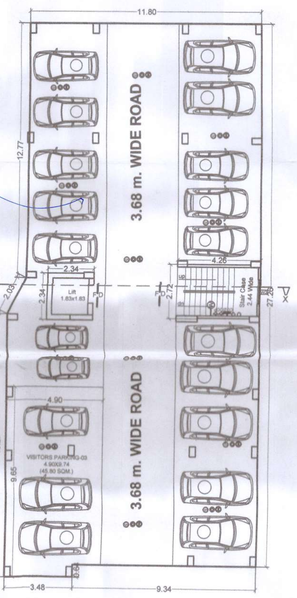


TYP. DET. OF PILE FOUNDATION.

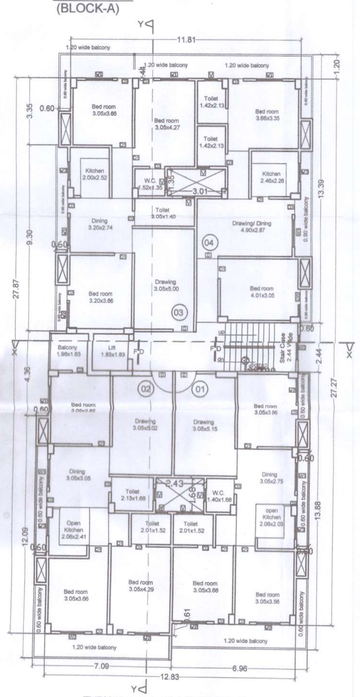


SECTION Y-Y
(BLOCK-A)

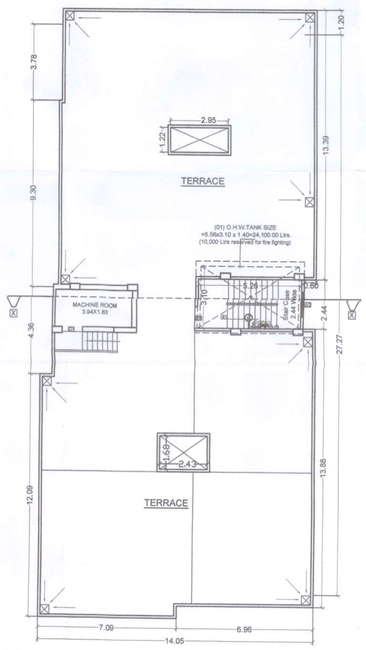
SIDE ELEVATION
(BLOCK-A)



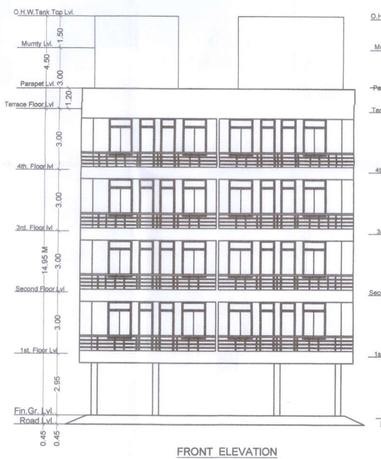
GROUND FLOOR PLAN
(BLOCK-A)



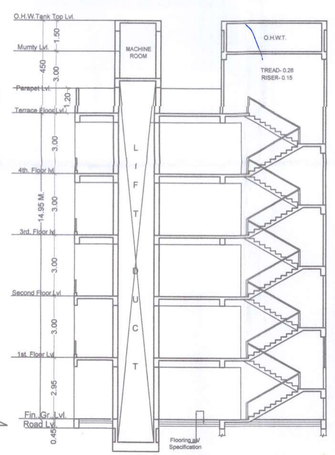
TYPICAL(1st. to 4th.) FLOOR PLAN
(BLOCK-A)



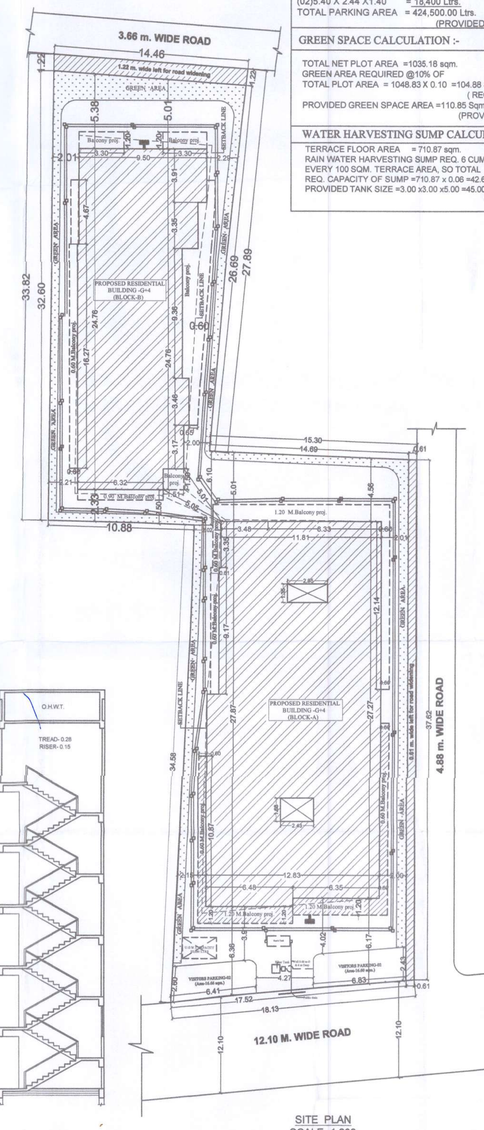
TERRACE FLOOR PLAN
(BLOCK-A)



FRONT ELEVATION
(BLOCK-A)



SECTION X-X
(BLOCK-B)



SITE PLAN
SCALE- 1:200

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 55,000 Ltrs— 55,000 Ltrs
06.O.H.W.TANK FOR FIRE FIGHTING —— 10,000 Ltrs.Each
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.F.A.
14.AUTOMATIC SPRINKLER
15. EMERGENCY LIGHT POINT

POPULATION DENSITY CALCULATION

RESIDENTIAL
TOTAL NO. OF FLATS (BLOCK- A) = 16 FLATS.
TOTAL NO. OF FLATS (BLOCK- B) = 12 FLATS.
TOTAL FLAT (BLOCK-A+BLOCK-B)= 28 FLATS

CONSIDERING EACH FLAT HAVING 5 PERSONS
TOTAL NO. OF PERSONS OCCUPYING FLATS = 28 X 5) = 140 PERSONS
TOTAL NO. OF PERSONS =140 PERSONS

SEPTIC TANK CALCULATION :-

TOTAL NO OF PERSON = 140 PERSON
PER PERSON NEED 0.085 CUM. CAPACITY OF SEPTIC TANK PER DAY SO TOTAL REQ. CAPACITY OF SEPTIC TANK =140 X 0.085 = 11.90 CUM
PROVIDED SEPTIC TANK 1 NOS
SIZE = 4.00 X 2.50 X1.50 = 15.00 CUM.
(PROVIDED)

WATER TANK CALCULATION :-

TOTAL NO OF PERSON = 140 PERSON
PER PERSON NEED 135 Ltrs PER DAY
TOTAL PERSON NEED = 140 x135 = 18,900.00 Ltrs.
& 20,000 LTRS EXTRA FOR FIRE FIGHTING,
TOTAL REQ. WATER TANK=(18,900+10,000)
=38,900 LTRS
(REQ.)
PROVIDED WATER TANK SIZE
(01)5.56 X 3.10X1.40 = 24,100 Ltrs.
(02)5.40 X 2.44 X1.40 = 18,400 Ltrs.
TOTAL PARKING AREA = 424,500.00 Ltrs.
(PROVIDED)

GREEN SPACE CALCULATION :-

TOTAL NET PLOT AREA =1035.18 sqm.
GREEN AREA REQUIRED @10% OF
TOTAL PLOT AREA = 1048.83 X 0.10 =104.88 Sqm.
(REQ.)
PROVIDED GREEN SPACE AREA =110.85 Sqm.
(PROVIDED)

WATER HARVESTING SUMP CALCULATION :-

TERRACE FLOOR AREA = 710.87 sqm.
RAIN WATER HARVESTING SUMP REQ. 6 CUM FOR EVERY 100 SQM. TERRACE AREA, SO TOTAL REQ. CAPACITY OF SUMP =710.87 x 0.06 =42.60 CUM.
PROVIDED TANK SIZE =3.00 x3.00 x5.00 =45.00 cum.
(PROVIDED)

SCHEDULE OF DOORS & WINDOWS 01/02

TYPE	WIDTH	HEIGHT	SILL	LINTEL	DESCRIPTION
D1	1.07	2.40	0.0	2.40	Single Leaf Door
D1	1.00	2.40	0.0	2.40	Single Leaf Door
D2	0.91	2.40	0.0	2.40	Single Leaf Door
D3	0.76	2.40	0.0	2.40	Single Leaf Door
SD	2.40	2.40	0.91	2.40	Sliding Door
D	1.37	1.22	0.91	2.40	Glazed Window
W1	0.90	1.22	0.91	2.40	Glazed Window
W2	0.60	1.22	0.91	2.40	Glazed Window
DW	0.91	1.22	1.07	2.40	Glazed Window
V	0.61	0.61	1.52	2.40	Ventilator

AREA CALCULATION :-

TOTAL PLOT AREA AS/ DEED = 1201.84 sqm.
TOTAL PLOT AREA AS / AGREEMENT = 1075.33 sqm.
TOTAL PLOT AREA AS/ SITE = 1075.10 sqm.
LEFT FOR ROAD WIDENING = 39.92 sqm.
NET PLOT AREA = 1035.18 sqm.

	BLOCK-A	BLOCK-B
Ground Floor B/U Area	17.05 sqm.	14.71 sqm.
First Floor B/U Area	395.62 sqm.	208.28 sqm.
Second Floor B/U Area	395.62 sqm.	208.28 sqm.
Third Floor B/U Area	395.62 sqm.	208.28 sqm.
Fourth Floor B/U Area	395.62 sqm.	208.28 sqm.
Total Area	1599.53 sqm.	847.83 sqm.

Total (BLOCK-A+BLOCK-B)=(1599.53+847.83)=2447.36 SQM.

F.A.R = 2447.36 / 1035.18 =2.36

PARKING CALCULATION :-

TOTAL B/U AREA = 2447.36 sqm.
15% DEDUCT FOR SERVICE AREA=(2447.36-15%) 2080.25 SQM.
PARKING AREA REQ. @ 25% OF NET B/U AREA,
SO PARKING AREA REQ. = 2080.25 x 25% =520.06 sqm. (required)

PROVIDED
BLOCK-A
GROUND FLOOR PARKING AREA = 324.07 SQM.
BLOCK-B
GROUND FLOOR PARKING AREA = 198.44 SQM.
TOTAL PARKING AREA = 522.51 SQM. provided)

15% RESERVED FOR VISITORS PARKING
=522.51X 15%=78.37 sqm.(required)
PROVIDED
Visitors parking 01 -16.60 sqm.
Visitors parking 02 -16.66 sqm.
Visitors parking 03- -45.80 Sqm.
Total Visitors parking area -79.06 sqm. (Provided)

DEVELOPERS DETAIL :-

ADITYA MANVI INFRA PVT. LTD.
DIRECTOR- SRI.MANISH KUMAR SINGH,
S/O.- LATE OMPRAKASH SINGH,
KURJI, MAINPURA ,
P.O. & P.S.- PATLIPUTRA,DIST.- PATNA.

PLOT DETAIL :-

PROPOSED RESIDENTIAL BUILDING OF
(01)SMT. SUDHA KUMARI,
W/O PANDEY MANOJ KUMAR,
(02)SARVESH KUMAR ,
S/O- INDRADEV NARAYAN,
(03)NITESH KUMAR ,
S/O- INDRADEV NARAYAN,
THANA NO. - 37, KHATA NO.145,66
PLOT NO.- 177,181
MAUZA- KOTHWA,THANA -DANAPUR,
DIST.-PATNA,

SCALE	NORTH.
1 : 100 1 : 200	

SUSHIL KUMAR
Registration No.
BR/UDHD/SE/23-0111
SIGN. OF EMPANELLED
U/D SUB ENGINEER OF Bihar

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

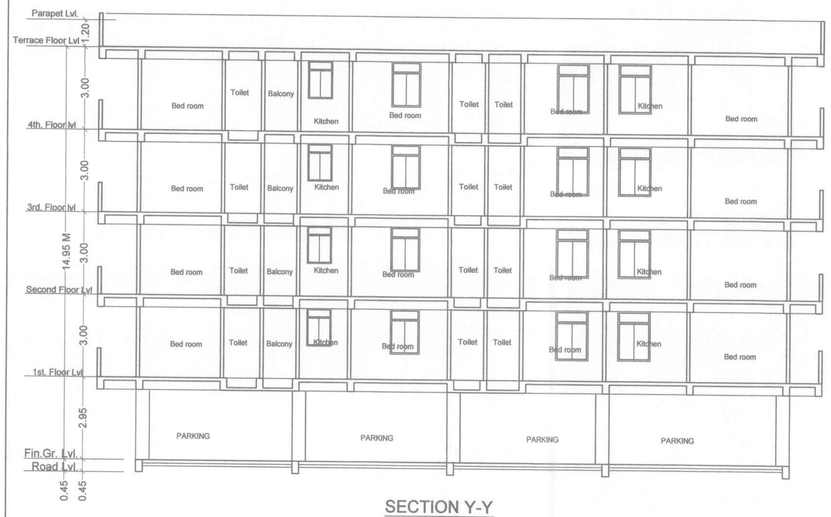
SIGNATURE OF BUILDER / DEVELOPER

SIGN. OF EMPANELLED ARCHITECT.

Building Plan No.....73/23-24
20/10/23
A. E.
Nagar Parishad Danapur Nizamat

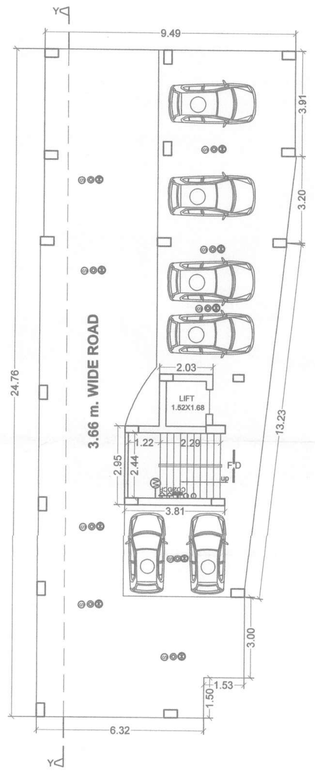
निम्नांकित शर्तों के साथ तकनीकी स्वीकृति/अभियन्ता की स्वीकृति के आधार पर भवन मानचित्र की स्वीकृति दी जाती है।
सरकारी या किसी दूसरे के जमीन का अतिक्रमण नहीं करना होगा तथा पथ एवं सड़क के लिए बिहार भवन उपविधि 2014 के अनुसार अपनी जमीन छोड़ना होगा। भवन भू-स्वामी को भवन का छप्पर आने भवन से बरसाती पानी को जल निकासी हेतु आने खर्च से नाली निर्माण करना होगा।
बरसाती पानी नाली के लिए भूतल पर व्यवस्था करना होगा। भवन भू-खण्ड वित्तीय रहने की स्थिति में भवन मानचित्र स्वतः रद्द समझा जायेगा एवं उपरोक्त खड़े किये गये अनाधिकृत अवैध माना जायेगा। भवन मानचित्र की स्वीकृति केवल पाँच वर्ष के लिए मान्य होगी। भवन में आवासित होने के पूर्व Occupancy Certificate/Occupancy Certificate लेना अनिवार्य होगा।
20/10/2023
J. E.
Nagar Parishad Danapur Nizamat
नगर कार्यपालक पदाधिकारी
नगर परिषद, दानापुर निजामत

बिहार भू-परमादा (नियमन और विकास) नियमावली 2017 (RERA) की शर्तों के अधीन ग्राम में पंजित भू-खण्ड प्राधिकरण से इस परियोजना का निबंधन अनिवार्य होगा।

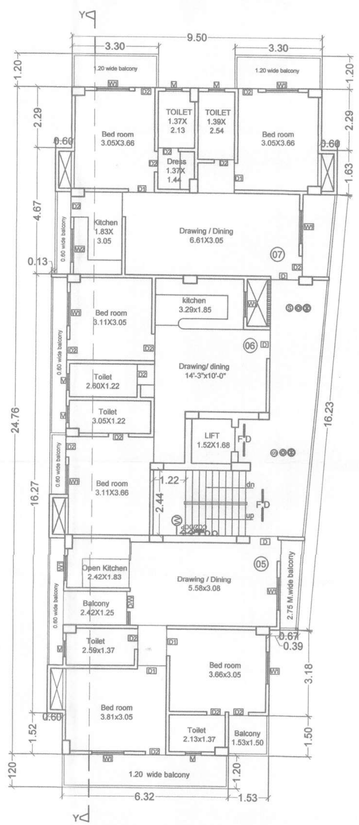


SECTION Y-Y
(BLOCK-B)

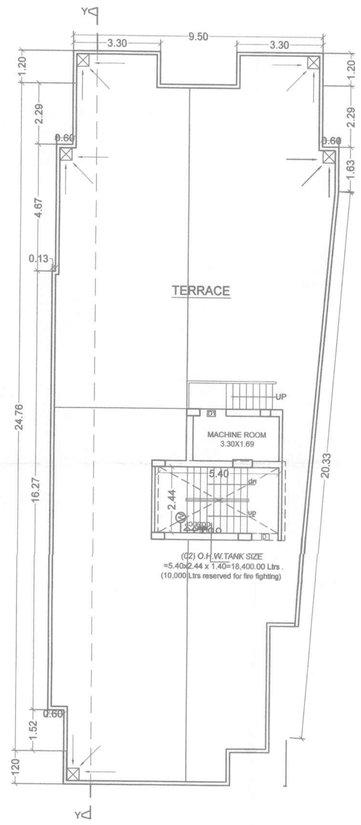
SIDE ELEVATION
(BLOCK-B)



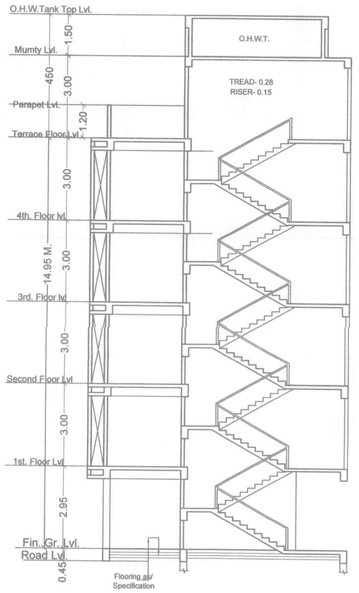
GROUND FLOOR PLAN
(BLOCK-B)



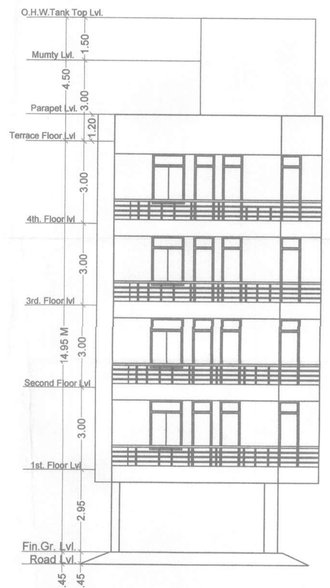
TYPICAL(1st. to 4th.) FLOOR PLAN
(BLOCK-B)



TERRACE FLOOR PLAN
(BLOCK-B)



SECTION X-X
(BLOCK-B)



FRONT ELEVATION
(BLOCK-B)

SPECIFICATION:- 02/02

1. FOUNDATION R.C.C. UNDER REAMMED PILE FOUNDATION 8.0M DEEP WITH PROPER RE-INFORCEMENT.
2. SUPER STRUCTURE 1ST CLASS BRICK WORK IN SUPER STRUCTURE WITH CEMENT MORTAR (1:6)
3. PLINTH HEIGHT G.L. AND P.L. AS SHOWN IN SECTION
4. FLOORING 25mm THICK I.P.S. FLOORING OVER 125 TH. DRY REAMMED KHOA OVER 75mm TH. BRICK FLAT SOLLING OVER SAND FILLING
5. ROOF 10m THICK 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 FRAME.
8. PLASTER 12mm THICK CEMENT PLASTER ON BOTH SIDE OF BRICK WALL.
9. COLOURING COLOUR OR WHITE WASH AS PER CHOICE.

DEVELOPERS DETAIL :-

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SUSHIL KUMAR
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SIGN. OF STR. ENGINEER

M. K. Singh

SIGNATURE OF BUILDER / DEVELOPER

AR. Umashankar Kumar
Registered Architect
Reg. No.-CA/2011/5023

SIGN. OF ARCHITECT

20/10/23

A. E.
Nagar Parishad Danapur Nizamat

Building Plan No. 73/23-24

निम्नांकित शर्तों के साथ स्वीकृति पत्र/अधिसूचना की अनुसूची के आधार पर भवन मानचित्र की स्वीकृति दी जाती है।

विहार भू-सम्पदा (नियमन और विकास) नियमावली 2017 (RERA) की शर्तों के अधीन राज्य में रजिस्ट्रेशन प्राधिकरण से इस परियोजना का रजिस्ट्रेशन अनिवार्य होगा।

भवन का सांसदीय स्वरूप बदल जाने पर उसका मानचित्र की स्वीकृति केवल संशोधन के लिए मान्य होगी। भवन में अधिवास होने के पूर्व Completion Certificate/Occupancy Certificate लेना अनिवार्य होगा।

17/10/2023

J. E.
Nagar Parishad Danapur Nizamat

नगर कार्यपालक पदाधिकारी
नगर परिषद, दानापुर निजामत