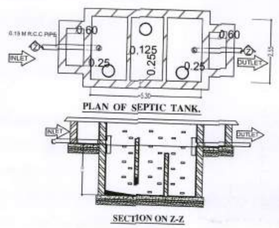
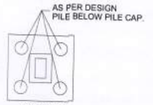


SECTION FOR UNDER GROUND
FIRE FIGHTING WATER TANK



PLAN OF SEPTIC TANK.

SECTION ON Z-Z



TYP. DETAIL
OF FOUNDATION.

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 2,00,000 Ltrs — 2,00,000 Ltrs
06.O.H.W.TANK FOR FIRE FIGHTING — 25,000 Ltrs Each Tower
07.FIRE ALARM CALL POINT
08.AUDIABLE ALARM CALL POINT
09.LOUDSPEAKER OUTLET
10.CO2 FIRE EXTINGUISHER — CO2/DCP
11.FIRE RESISTANT DOOR — F.D
12.AUTOMATIC SPRINKLER
13.AUTOMATIC SMOKE DETECTOR
14.EMERGENCY LIGHT POINT

WATER HARVESTING SUMP CALCULATION :-

TERRACE FLOOR AREA = 1555.33 sqm.
RAIN WATER HARVESTING SUMP REQ. 6 CUM FOR EVERY 100 SQM. TERRACE AREA, SO TOTAL REQ. CAPACITY OF SUMP 15.55 x 6 = 93.30 CUM.
TAKING 1/3 VOLUME OF TOTAL TANK
PROVIDED TANK SIZE=4 X 5 X 5)X2= 100.00 CUM.
(PROVIDED)

PARKING CALCULATION :-

TOTAL RESIDENTIAL B/U AREA = 18307.39 sqm.
15 % DEDUCT FOR SERVICE AREA= 18307.39 -15%=15561.28 Sqm.

PARKING AREA REQ. @ 25 % OF RESIDENTIAL B/U AREA, SO
PARKING AREA REQ. = 15561.28 X 25% =3890.32 m².
(REQUIRED)

Provided Basement Floor Parking Area = 4660.12 sqm.
Ground floor Parking Area BLOCK- A = 292.33 sqm
Ground floor Parking Area BLOCK- B = 552.21 sqm.

TOTAL PARKING AREA PROVIDED = 5504.66 sqm.
(PROVIDED)

GREEN SPACE AREA CALCULATION :-

TOTAL NET PLOT AREA = 7355.32 m²
GREEN AREA REQUIRED @ 10% OF
TOTAL PLOT AREA =735.53 m².

PROVIDED GREEN SPACE AREA
AT FINISH GROUND LVL. = 852.00 m².

SEPTIC TANK CALCULATION:-

TOTAL NO. OF PERSON = 1238 nos.
PER PERSON NEED 0.085 CUM. CAPACITY OF
SEPTIC TANK PER DAY SO TOTAL REQ. CAPACITY OF
SEPTIC TANK = 1238 x 0.085 = 105.23 cum.

PROVIDED SEPTIC TANK 4 NO. OF
SIZE = (7.00 x 4.00 x 2.00) X 2 = 112.00 CUM.
(PROVIDED)

POPULATION DENSITY CALCULATION :-

RESIDENTIAL
TOTAL NO. OF FLAT IN BLOCK -A = 58 nos.
TOTAL NO. OF FLAT IN BLOCK -B = 116 nos.
TOTAL NO. OF FLAT IN ALL TOWER = 174 nos.
EACH FLAT HAVING 5 PERSON
SO TOTAL NO OF PERSON = 174 x 5 = 870 nos.

AFF. HOUSE BLOCK -C

TOTAL NO. OF FLAT = 70 nos.
EACH FLAT HAVING 5 PERSON
SO TOTAL NO OF PERSON 70 x 5 =350 nos.

WATER TANK CALCULATION:-

TOTAL NO. OF PERSON = 1238.00 nos.
PER PERSON NEED 135 Ltrs PER DAY
TOTAL PERSON NEED = 1238 x135 = 1,67,130, Ltrs.

& WATER TANK REQ. FOR FIRE FIGHTING =75 ,000.00 Ltrs.

TOTAL REQ. WATER TANK
= 167130 + 75,000 = 2,42,130.00 Ltrs.

PROVIDED WATER TANK 10 nos. of Capacity
(A1) = (5000 x 2790 x 1400) = 19,530.00 Ltrs.
(A2) = (4760 x 3320 x 1400) = 35,450.00 Ltrs.
(A3) = (3780 x 4945 x 1400) = 26,168.00 Ltrs.
(A4) = (3780 x 4945 x 1400) = 26,168.00 Ltrs.
(B1) = (5680 x 2790 x 1400) = 22,180.00 Ltrs.
(B2) = (4750 x 2790 x 1400) = 18,530.00 Ltrs.
(B3) = (4750 x 2790 x 1400) = 18,530.00 Ltrs.
(B4) = (5680 x 3980 x 1400) = 31,640.00 Ltrs.
(B5) = (4360 x 5790 x 1400) = 35,342.00 Ltrs.
(B6) = (4360 x 5790 x 1400) = 35,342.00 Ltrs.

TOTAL WATER TANK CAPACITY = 2,66,880.00 Ltrs.
(PROVIDED)

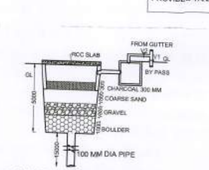
AREA CALCULATION:-

01/05

TOTAL PLOT AREA AS / DEED = 8213.79 sqm.
DEVELOPMENT AGREEMENT PLOT ARE = 8095.59 sqm.
TOTAL PLOT AREA AS / SITE = 7407.77 sqm.
MASTER PLAN ROAD 2031 =52.45 sqm.
TOTAL PLOT AREA AS / SITE = 7355.32 sqm.

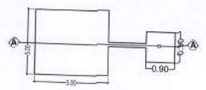
	BLOCK- A	BLOCK- B	BLOCK- C (AFF. HOUSE)	
Basement floor	31.85 Sqm.	31.85 Sqm.	18.78 Sqm.	
Ground floor	232.15 Sqm.	334.38 Sqm.	42.53 Sqm.	
1st. floor	484.85 Sqm.	848.45 Sqm.	298.31 Sqm.	
2nd. floor	484.85 Sqm.	848.45 Sqm.	298.31 Sqm.	
3rd. floor	402.43 Sqm.	848.45 Sqm.	298.31 Sqm.	
4th. floor	402.43 Sqm.	848.45 Sqm.	298.31 Sqm.	
5th. floor	402.43 Sqm.	848.45 Sqm.	298.31 Sqm.	
6th. floor	402.43 Sqm.	848.45 Sqm.	298.31 Sqm.	
7th. floor	402.43 Sqm.	848.45 Sqm.	298.31 Sqm.	
8th. floor	402.43 Sqm.	848.45 Sqm.	298.31 Sqm.	
9th. floor	402.43 Sqm.	848.45 Sqm.	298.31 Sqm.	
10th. floor	402.43 Sqm.	848.45 Sqm.		
11th. floor	402.43 Sqm.	848.45 Sqm.		
12th. floor	402.43 Sqm.	848.45 Sqm.		
13th. floor	402.43 Sqm.	848.45 Sqm.		
14th. floor	402.43 Sqm.	848.45 Sqm.		
Total	6062.86 Sqm.	12244.53 Sqm.	2746.10 Sqm.	

Grand Total All floor B/U Area (BLOCK-A+B) = 18307.39 sqm.
F.A.R =18307.39 / 7355.32 = 2.48

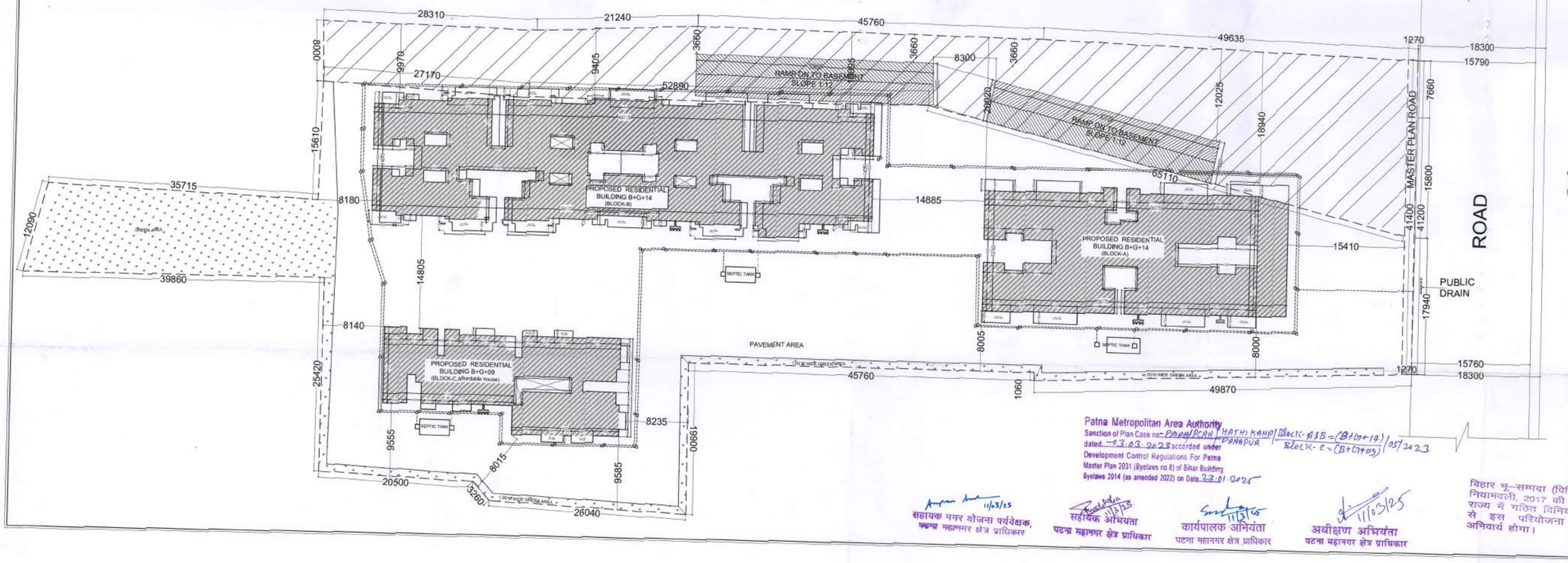


TYP. DET. OF PILE
FOUNDATION

RECHARGE BORE WELL SECTION A-A



TYP.PLAN OF RECHARGE BORE WELL



Patna Metropolitan Area Authority
Sanction of Plan Case no- PMAA/PCRN/HATHI KAND/DANAPUR/Block-A&B=(B+G+12)/05/2023 Block-C=(B+G+09)/05/2023
dated 03.03.2023 accorded under
Development Control Regulations For Patna
Master Plan 2031 (Byelaws no 8) of Bihar Building
Byelaws 2014 (as amended 2022) on Date 23.01.2025

सहायक नगर योजना पर्यवेक्षक, पटना महानगर क्षेत्र प्राधिकार 11/03/25
सहायक अभियंता पटना महानगर क्षेत्र प्राधिकार 11/3/25
कार्यपालक अभियंता पटना महानगर क्षेत्र प्राधिकार 11/3/25
अधीक्षण अभियंता पटना महानगर क्षेत्र प्राधिकार 11/03/25

बिहार भू-सम्पदा (विनियमन विकास) नियमावली, 2017 की शर्तों के अधीन राज्य में गठित विनियमन प्राधिकरण से इस परियोजना का निबंधन अनिवार्य होगा।

PLOT DETAIL

PROPOSED RESIDENTIAL BUILDING OF
REDBRICK HOME PVT. LTD.
DIRECTOR:- SRI ANJESH KUMAR,
S/O.- SRI. PANKAJ KUMAR,
ON PLOT NO - 2771(p),2772(p),2773,2774(p),2781, 2782,2783,2784,2785(p), & 2787(p).

THANA NO - 31 ,
KHATA NO. - 131,115,69,97,73,58,117,150,
THANA- DANAPUR ,
MAUZA - JAIPUR HATHIAKAND,
DIST - PATNA ,

SHEET NO.	SCALE.	NORTH.
01/04	1 : 100 1 : 200	

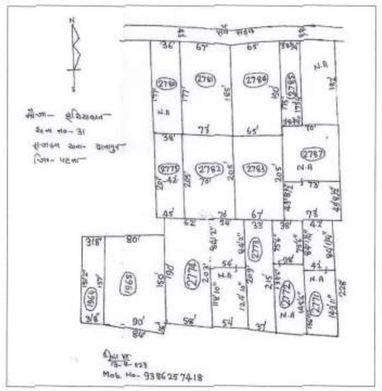
Redbrick Home Private Limited
Director

SIGNATURE OF OWNER / BUILDER

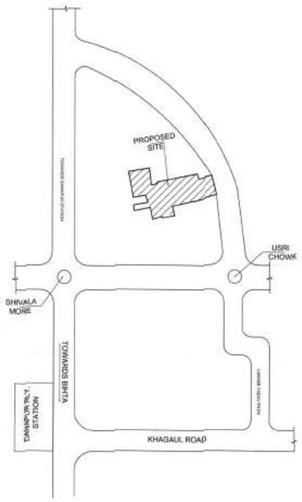
SUDHIR KUMAR
Registration No.
BR/UDHD/SE/23-0111
UDHD, Govt. of Bihar
SIGN OF EMPANELLED STRUCT. ENGINEER

ARCHITECTS PLANNERS
Urban Development & Housing Deptt.
Govt. of Bihar
CA/2011/54035

SIGN OF EMPANELED ARCHITECT.



KEY PLAN
SCALE- NTS

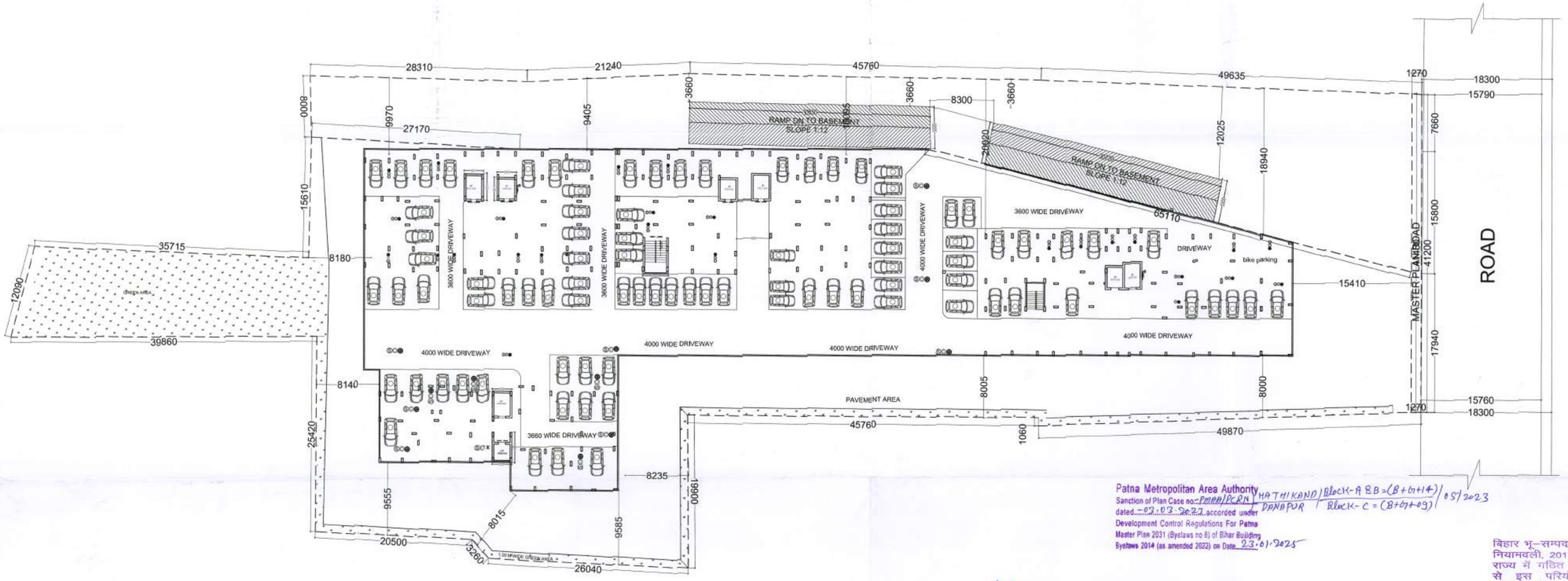


LOCATION PLAN
SCALE- NTS

PLOT DETAIL

PROPOSED RESIDENTIAL BUILDING OF
REDBRICK HOME PVT. LTD.
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S/O - SRI. PANKAJ KUMAR,
ON PLOT NO - 2771(p),2772(p),2773,2774(p),2781, 2782,2783,2784,2785(p), & 2787(p),
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KHATA NO. - 131,115,69,97,73,58,117,150,
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DIST - PATNA ,

SHEET NO.	SCALE.	NORTH.
01/04	1 : 100 1 : 200	



SUSHIL KUMAR
Registration No.:
BR/UDHD/SE/23-0111
UDHD, Govt. of Bihar
SIGN. OF EMPANELLED STRUCT. ENGINEER.

Redbrick Home Private Limited
SIGNATURE OF OWNER / BUILDER

UMA SHANKAR KUMAR
Urban Development & Housing Dept.
Govt. of Bihar
Reg. No.- CA/2011/54003
SIGN. OF EMPANELED ARCHITECT.

Patna Metropolitan Area Authority
Sanction of Plan Case no:- PMAA/PCRN/HATHIKAND/Block-A &B=(B+G+14)/DANAPUR Block-C=(B+G+9+3)/05/2023
dated:- 07.02.2023 accorded under
Development Control Regulations For Patna
Master Plan 2031 (Byelaws no 8) of Bihar Building
Byelaws 2014 (as amended 2022) on Date 23.01.2025

सहायक नगर योजना पर्यवेक्षक,
पटना महानगर क्षेत्र प्राधिकार

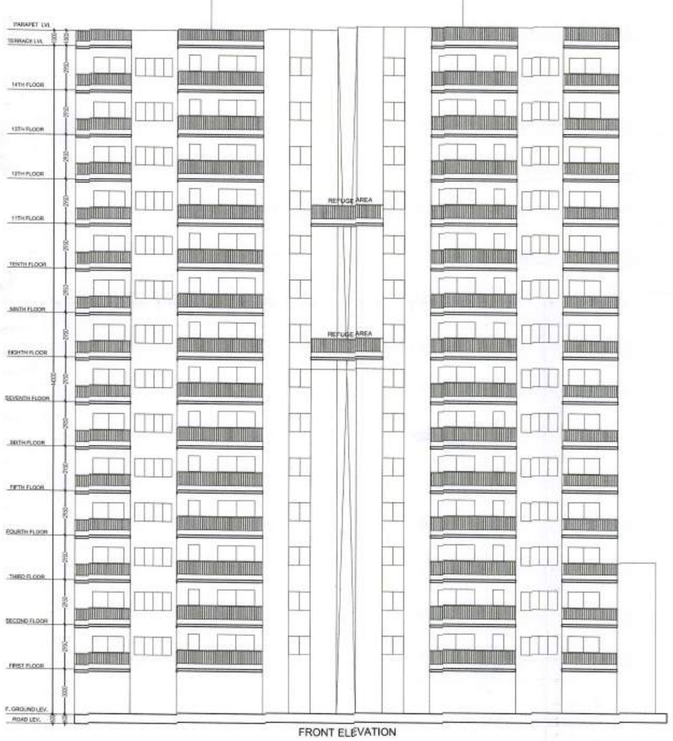
सहायक अभियंता
पटना महानगर क्षेत्र प्राधिकार

कार्यपालक अभियंता
पटना महानगर क्षेत्र प्राधिकार

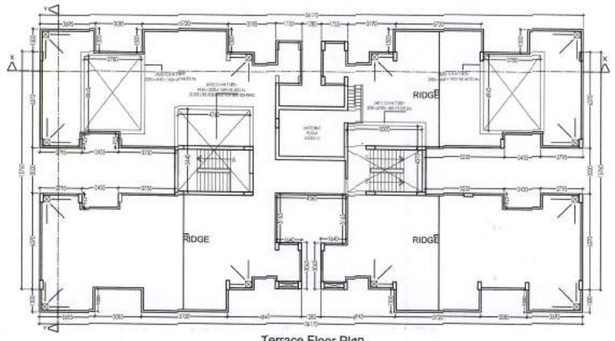
अधीक्षण अभियंता
पटना महानगर क्षेत्र प्राधिकार

बिहार भू-सम्पदा (विनियमन विकास) नियामवली, 2017 की शर्तों के अधीन राज्य में गठित विनियमन प्राधिकरण से इस परियोजना का निबंधन अनिवार्य होगा।

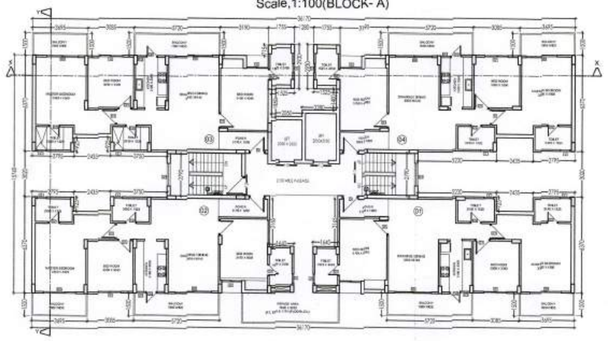
BLOCK-A



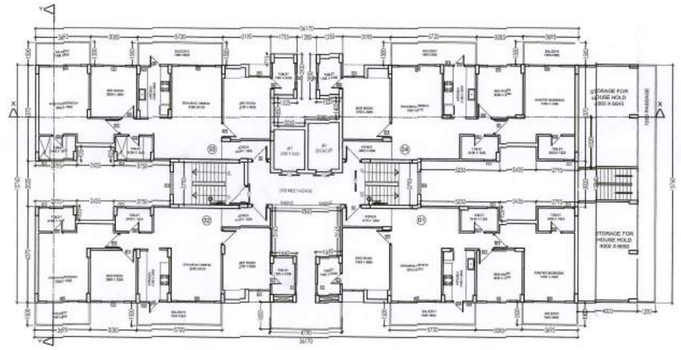
FRONT ELEVATION



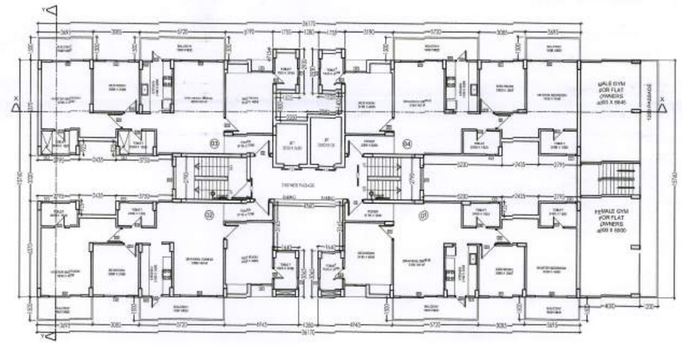
Terrace Floor Plan
Scale,1:100(BLOCK- A)



Typical(3rd to 14th.)Floor Plan
Scale,1:100,(BLOCK- A)



2nd.Floor Plan
Scale,1:100,(BLOCK- A)

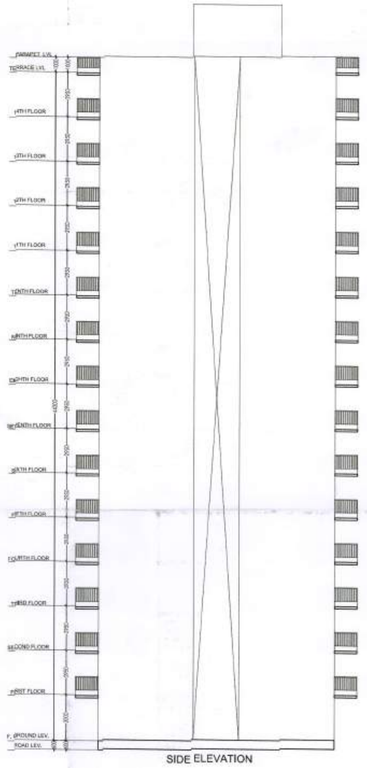


1st. Floor Plan
Scale,1:100,(BLOCK- A)

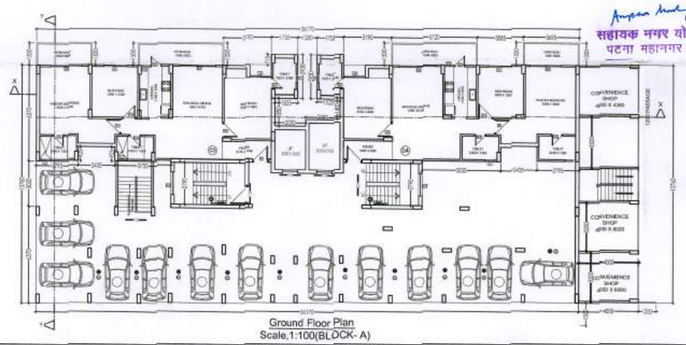


SECTION,X-X

SECTION,Y-Y



SIDE ELEVATION



Ground Floor Plan
Scale,1:100(BLOCK- A)

PLOT DETAIL
PROPOSED RESIDENTIAL BUILDING OF
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THANA NO - 31 ,
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THANA- DANAPUR ,
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DIST - PATNA ,

1 : 100

SUSHIL KUMAR
Registration No.
BR/UDHD/SE/23
UHD, Govt. of B
SIGN. OF EMPANELLED STRUCT. ENGINEER.

Redbrick Home Private Limited
Director
SIGNATURE OF OWNER / BUILDER

ARCHITECT
UMA SHANKAR KUMAR
Govt. of Bihar
Urban Development & Housing Depa
No.- CA/2011/54023
SIGN. OF EMPANELED ARCHITECT.

Patna Metropolitan Area Authority
Sanction of Plan Case no- PMAA/PC(N)/ HATHIAKAND / DANAPUR / Block-A&B =(04+04+04)/05/2023
dated.....23.03.2023..accorded under Block-C =(04+04+05)
Development Control Regulations For Patna
Master Plan 2031 (Byelaws no 8) of Bihar Building
Byelaws 2014 (as amended 2022) on Date..23.03.2025

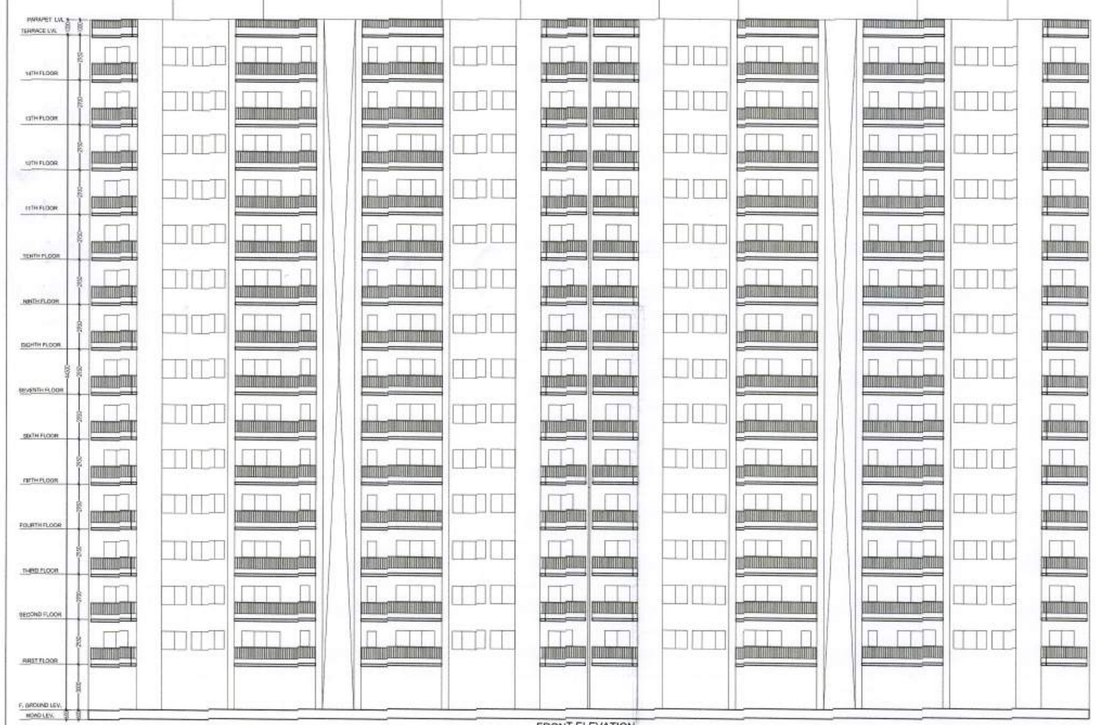
11/03/25
सहायक नगर योजना पर्यवेक्षक,
पटना महानगर क्षेत्र प्राधिकार

11/3/25
सहायक अभियंता
पटना महानगर क्षेत्र प्राधिकार

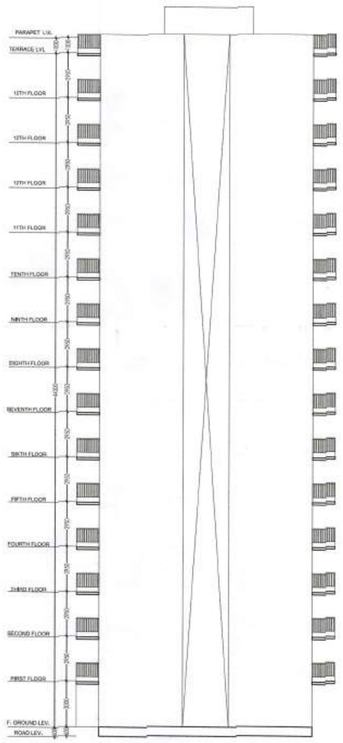
11/03/25
कार्यपालक अभियंता
पटना महानगर क्षेत्र प्राधिकार

11/03/25
अधीक्षण अभियंता
पटना महानगर क्षेत्र प्राधिकार

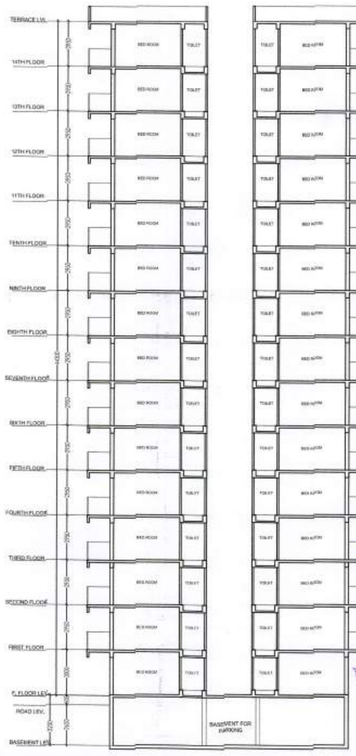
बिहार भू–सम्पदा (विनियमन विकास) नियमावली, 2017 की शर्तों के अधीन राज्य में गठित विनियमन प्राधिकरण से इस परियोजना का निबंधन अनिवार्य होगा।



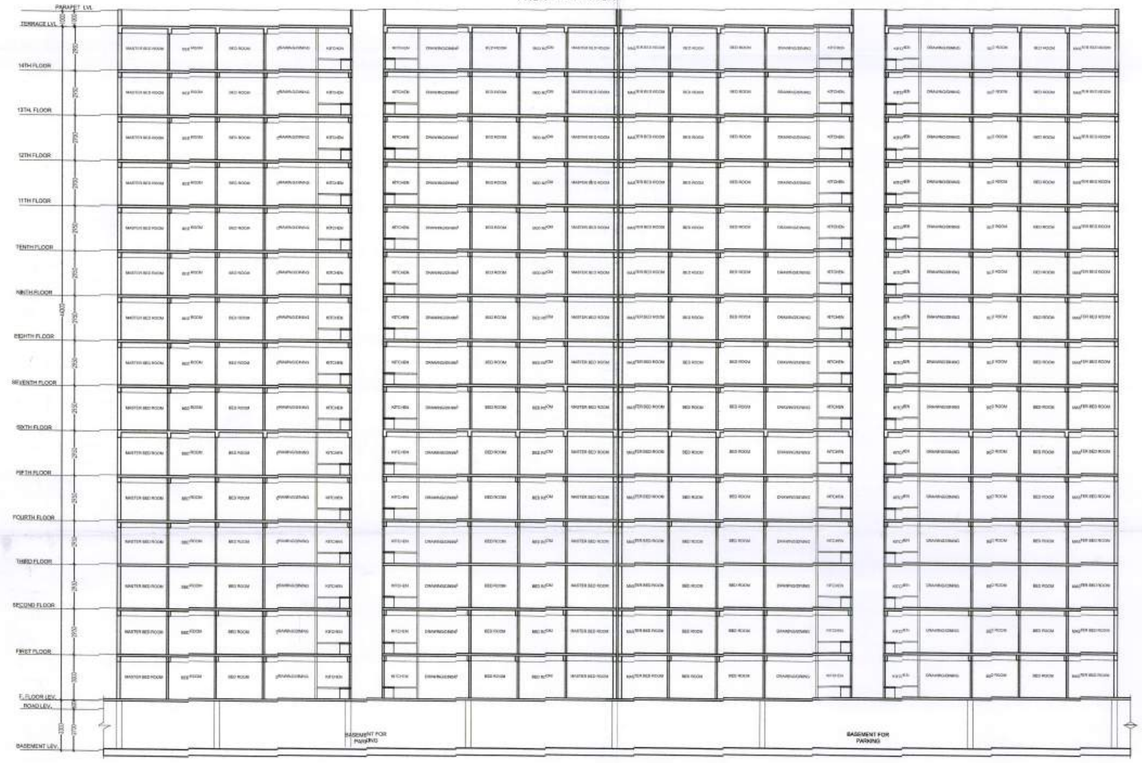
FRONT ELEVATION



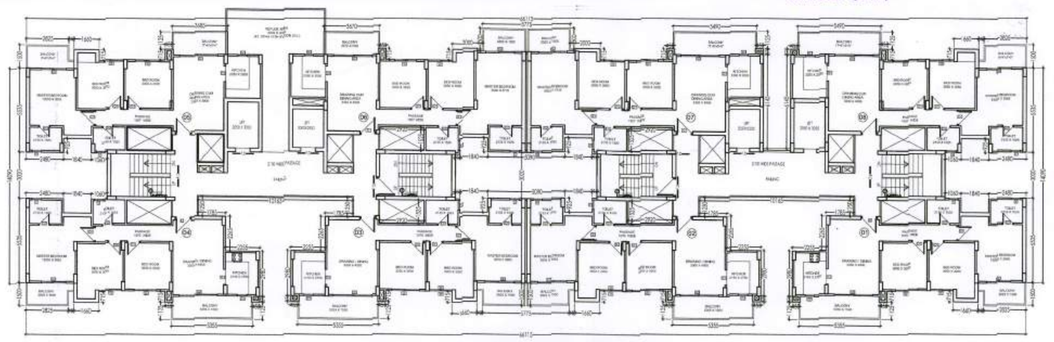
SIDE ELEVATION



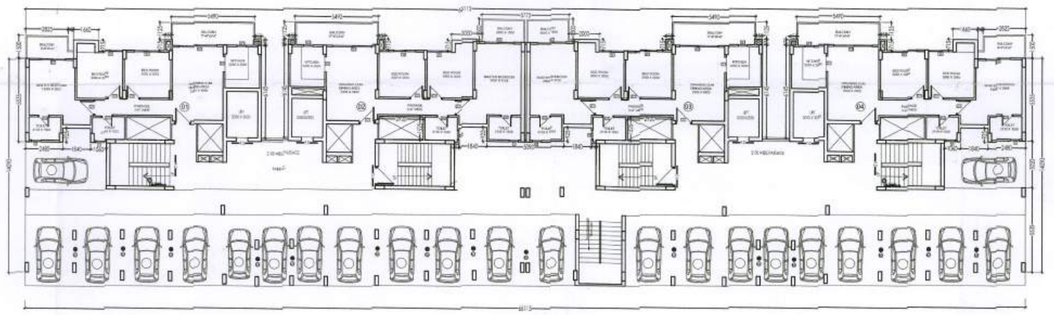
SECTION,Y-Y



SECTION,X-X



Typical(1st to 14th.)Floor Plan
Scale,1:100,(BLOCK- B)



Ground Floor Plan
Scale,1:100(BLOCK- B)

Patna Metropolitan Area Authority
Sanction of Plan Case no.:- PMAP/PKPM/ HATHIAKAND/ BLOCK-A&B=(B+G+14)/ BLOCK-C=(B+G+10)/ 05/2023
dated...23.02.2023 accorded under
Development Control Regulations For Patna
Master Plan 2031 (Byelaws no 8) of Bihar Building
Byelaws 2014 (as amendad 2022) on Date 23.0.2025

11/03/25
सहायक नगर योजना पर्यवेक्षक,
पटना महानगर क्षेत्र प्राधिकार

सहायक अभियंता
पटना महानगर क्षेत्र प्राधिकार

11/3/25
कार्यपालक अभियंता
पटना महानगर क्षेत्र प्राधिकार

11/03/25
अधीक्षण अभियंता
पटना महानगर क्षेत्र प्राधिकार

बिहार भू–सम्पदा (विनियमन विकास) नियमावली, 2017 की शर्तों के अधीन राज्य में गठित विनियमन प्राधिकरण से इस परियोजना का निबंधन अनिवार्य होगा।

BLOCK -B

PLOT DETAIL

PROPOSED RESIDENTIAL BUILDING OF
REDBRICK HOME PVT. LTD.
DIRECTOR:- SRI ANJESH KUMAR,
S/O.- SRI. PANKAJ KUMAR,
ON PLOT NO - 2771(p),2772(p),2773,2774(p),2781, 2782,2783,2784,2785(p), & 2787(p).

THANA NO - 31 ,
KHATA NO. - 131,115,69,97,73,58,117,150,
THANA- DANAPUR ,
MAUZA - JAIPUR HATHIAKAND,
DIST - PATNA ,

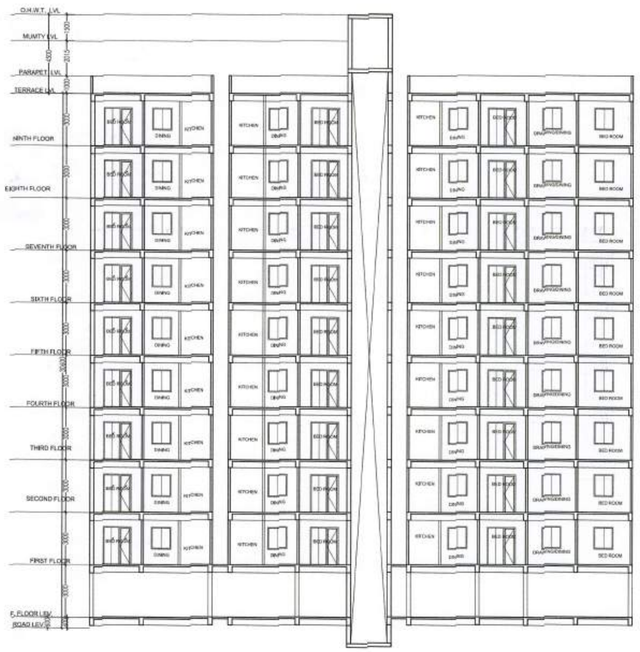
1 : 100
1 : 200

SUSHIL KUMAR
Registration No.
BIHAR/IDHD/SE/23-0111
SIGN. OF EMPANELLED STRUCT. ENGINEER

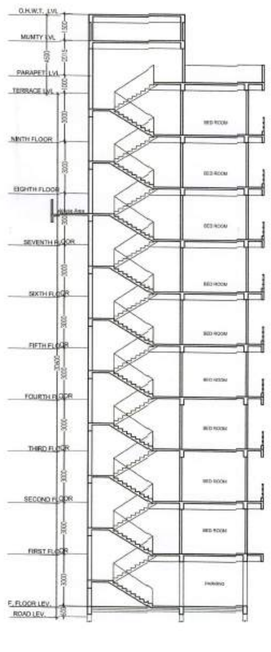
Redbrick Home Private Limited
Director

SIGNATURE OF OWNER / BUILDER

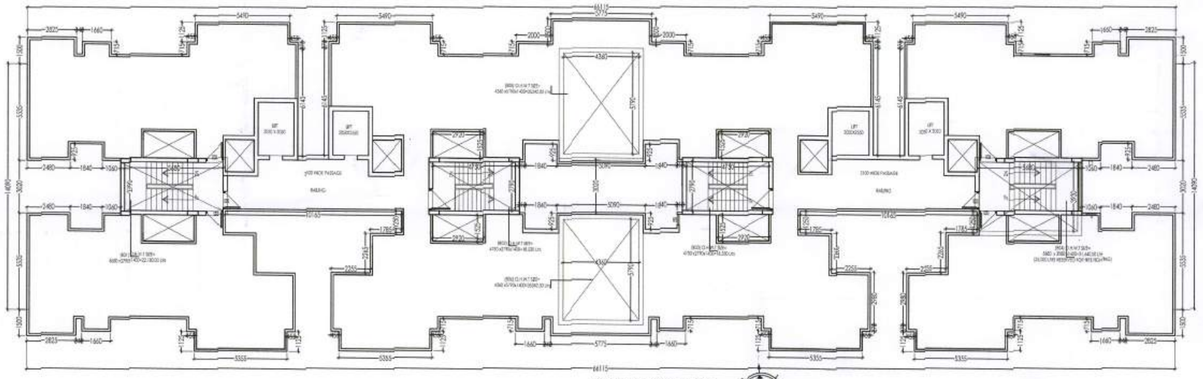
ARCHITECT
Registration No. - CA/2011/64023
SIGN. OF EMPANELED ARCHITECT,



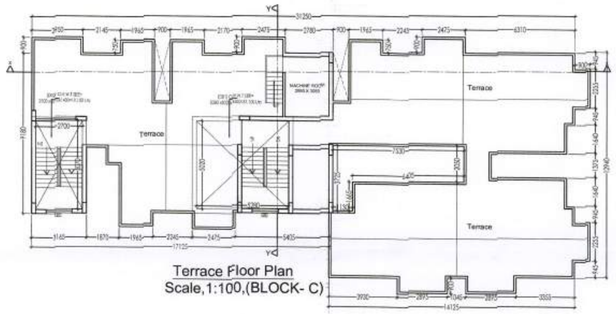
SECTION, -X-X



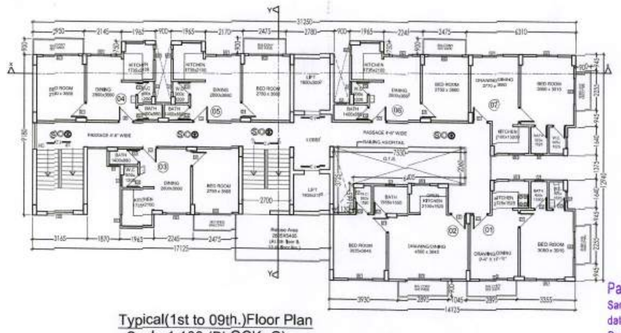
SECTION, -Y-Y



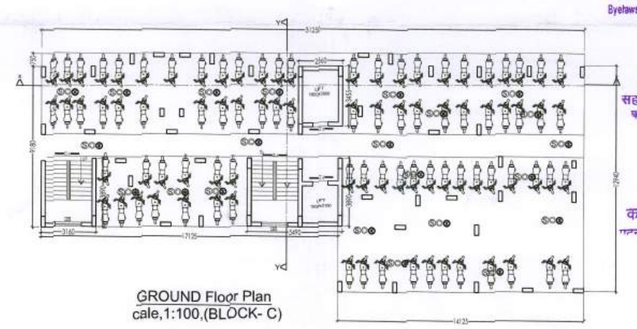
Terrace Floor Plan
Scale,1:100,(BLOCK- B)



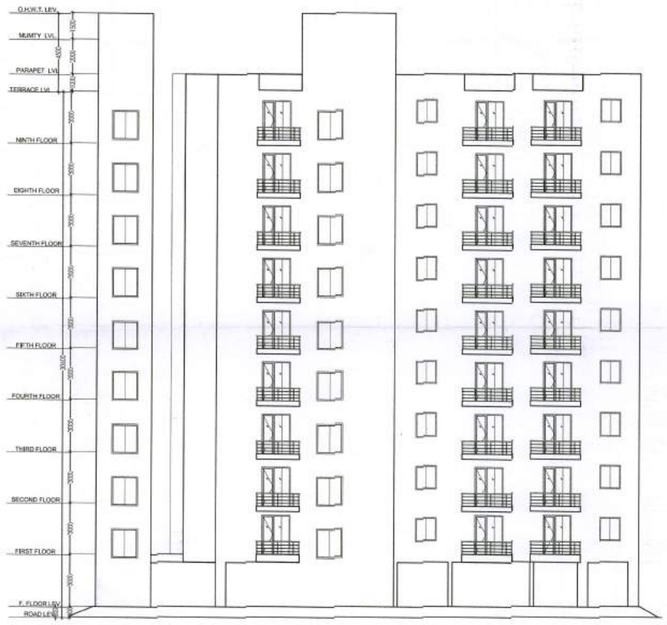
Terrace Floor Plan
Scale,1:100,(BLOCK- C)



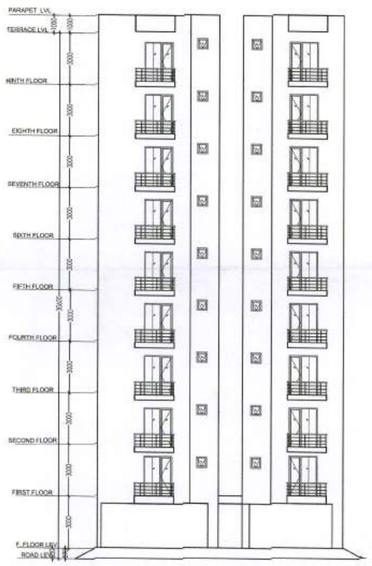
Typical(1st to 09th.)Floor Plan
Scale,1:100,(BLOCK- C)



GROUND Floor Plan
cale,1:100,(BLOCK- C)



FRONT ELEVATION



SIDE ELEVATION

SPECIFICATION:- 05/05

01) FOUNDATION :- R.C.C. PILE FOUNDATION AS/STRUCTURAL DESIGN.
02) SUPER STRUCTURE :- R.C.C. FRAMED STRUCTURE AS/STRUCTURAL DESIGN.
03) BRICKWORK :- 250 TH. & 125 TH 1st CLASS BRICKWORK IN C.M. 1:6 &1:5 AS/DESIGN.
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. SURFACE.
 (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.

BLOCK-C

PLOT DETAIL

PROPOSED RESIDENTIAL BUILDING OF
REDBRICK HOME PVT. LTD.
DIRECTOR:- SRI ANJESH KUMAR,
S/O.- SRI. PANKAJ KUMAR,
ON PLOT NO - 2771(p),2772(p),2773,2774(p),2781, 2782,2783,2784,2785(p), & 2787(p),

THANA NO - 31 ,
KHATA NO. - 131,115,69,97,73,58,117,150,
THANA- DANAPUR ,
MAUZA - JAIPUR HATHIAKAND,
DIST - PATNA ,

SCALE
1 : 100

NORTH:-

SUSHIL KUMAR
Registration No.
BR/UDHD/SE/23-0111
UDHD, Govt. of Bihar
SIGN. OF EMPANELLED STRUCT. ENGINEER.

Redbrick Home Private Limited
Director
SIGNATURE OF OWNER / BUILDER

ARCHITECT
UMA SHANKAR KUMAR
Urban Development & Housing Dept.
Govt. of Bihar
Reg. No. - CA/2011/54023
SIGN. OF EMPANELED ARCHITECT.

Patna Metropolitan Area Authority
Sanction of Plan Case no.PMAA/PCRN/Block-B&B=(B+GH+7)/05/2023
dated...03.03.2023...accorded under Block-C=(B+GH+9)
Development Control Regulations For Patna
Master Plan 2031 (Byelaws no 8) of Bihar Building
Byelaws 2014 (as amended 2022) on Date...23.01.2025

सहायक नगर योजना पर्यवेक्षक,
पटना महानगर क्षेत्र प्राधिकार

कार्यपालक अभियंता
पटना महानगर क्षेत्र प्राधिकार

सहायक अभियंता
पटना महानगर क्षेत्र प्राधिकार

अधीक्षण अभियंता
पटना महानगर क्षेत्र प्राधिकार

बिहार भू–सम्पदा (विनियमन विकास) नियमावली, 2017 की शर्तो के अधीन राज्य में गठित विनियमन प्राधिकरण से इस परियोजना का निबंधन अनिवार्य होगा।