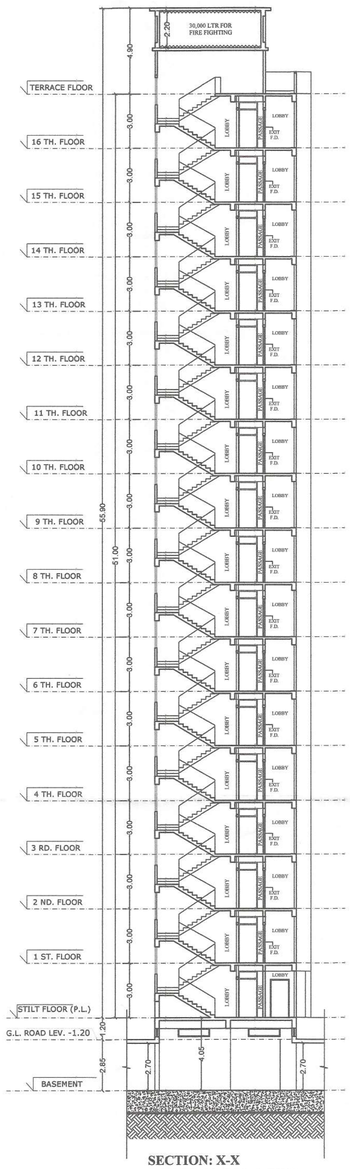
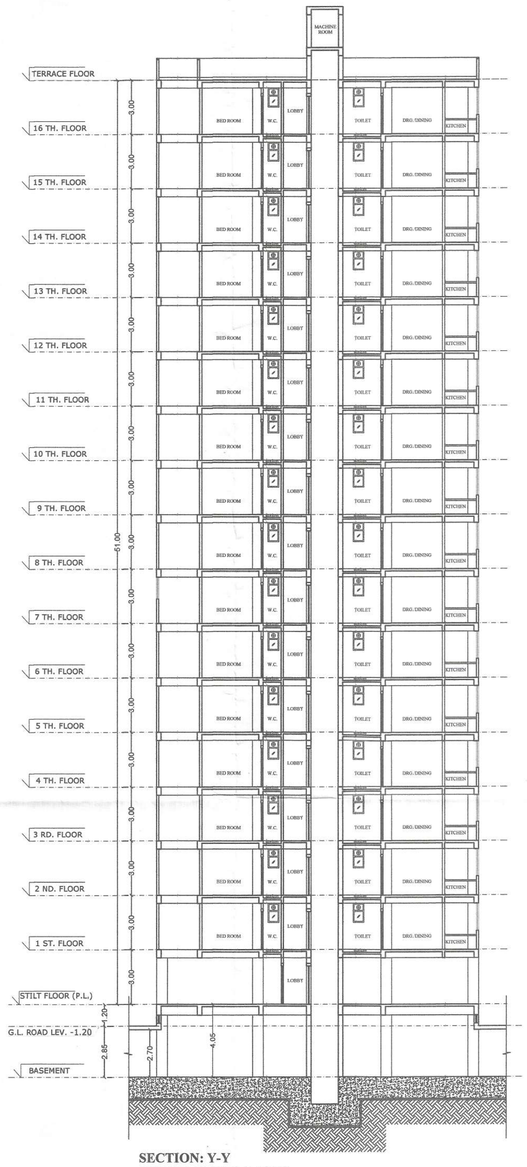


SECTION: X-X
TOWER 03 (LIG & EWS)



SECTION: Y-Y
TOWER 03 (LIG & EWS)

DOOR WINDOW SCHEDULE (TOWER- 3 LIG & EWS)			
TYPE	SIZE	SILL	LINTEL
DW	1.50 X B.O.B	---	B.O.B
DW1	1.32X B.O.B	---	B.O.B
DW2	1.25X B.O.B	---	B.O.B
D	1.07X 2.13	---	2.13
D1	0.91 X 2.13	---	2.13
D2	0.76 X 2.13	---	2.13
W1	1.50 X 1.65	0.90	2.55
W2	0.75 X 1.48	1.07	2.55
W2	0.75 X 1.18	1.37	2.55

NOTE :- B.O.B = Bottom of beam

FIRE LEGEND

FHC	FIRE HOSE CABINET
	UP RIGHT TYPE SPRINKLER
	PENDENT TYPE SPRINKLER
	SIDE WALL SPRINKLER
	9 Ltr. WATER GAS PRESSURE TYPE FIRE EXTINGUISHER
	4.5 kg CO² TYPE FIRE EXTINGUISHER
	SLUICE VALVE
	NON-RETURN VALVE
	FLOW INDICATING SWITCH
	ELECTRICAL CALL POINT SWITCHES FOR THE ALARM SYSTEM.
	AREA COVERED WITH AUTOMATIC HEAT SMOKE DETECTOR AS PER I.S.S.
FD	DOUBLE LEAF DOUBLE SWING SELF CLOSING FIRE RESISTING DOOR
	HOUSE RULES AS PER I.S.S.T.A.C. RECOMMENDATIONS DULY CONNECTED WITH THE WET RISER SYSTEM.
	LANDING VALVES AS PER I.S.S.T.A.C. RECOMMENDATIONS DULY CONNECTED WITH THE WET RISER SYSTEM.
	LOUD SPEAKER OUTLETS FOR THE PUBLIC ADDRESS SYSTEM.
M	MICRO PHONE POSITION FOR THE PUBLIC ADDRESS SYSTEM.
FACP M	FLOOR INDICATOR PANELS FOR THE AUTOMATIC FIRE ALARM SYSTEM AS PER I.S.S.
	WATER CO2 TYPE PORTABLE EXTINGUISHER OF 9 LITRE CAPACITY.
	SIAMESE CONNECTION.
EXIT	EXIST DIRECTIONAL SIGN.
	PORTABLE CHEMICAL B.C.F. EXTINGUISHER OF 3.5 KG CAPACITY.
	FIRE FIGHTING WATER OVER HEAD WATER TANK 30,000 LTR TOWER 01 + TOWER 02 = 60,000 LTR (30,000 LTRS LIG & EWS)
	UNDER GROUND STATIC TANK WITH 150,000 LTR CAPACITY FOR FIRE.
	CAR CHARGING POINT
	DOWN COMER

WATER TANK CALCULATION TOWER = 3 (LIG & EWS)

TOTAL NO OF FLAT : 16 X 2 = 32 NOS

PERSONS ASSUME@ 5 PERSONS PER FLATS
32 X 5= 160 PERSONS.
5 PERSONS EXTRA FOR LIFT MAN &
GUARD SO TOTAL PERSONS - 160 + 5 = 165 PERSONS
WATER REQUIRED @ 150 LTS. PER HEAD PER DAY
165 X 150 = 24,750.00 LTR + 30,000.00 LTR FOR FIRE FIGH.
TOTAL REQUIREMENT.= 54,750.00 LTS.= 54.75 M^3
STAIR =1 WATER TANK = 5.69X2.44X2.20 = 30.54 M^3
STAIR =1 WATER TANK = 5.69X2.13X2.20 = 26.66 M^3
TOTAL = 57.20 M^3

SEPTIC TANK CALCULATION TOWER -3 (LIG & EWS)

TOTAL NO OF PERSONS - 165 PERSON.
VOLUME REQUIRED @ 0.085 PER HEAD PER DAY.
= 0.085 X 165 = 14.23 M^3
PROVISION OF SEPTIC TANK -
SIZE - 4.80 X 2.00X 2.50= 24.00 M^3.

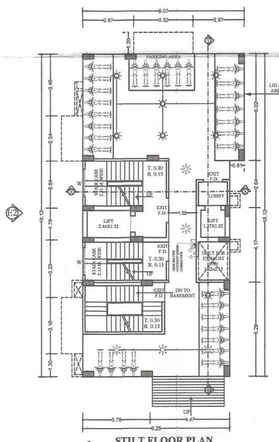
TOWER 03 - LIG & EWS
(AREA IN SQM.)

PERMISSIBLE 15% F.A.R FOR LIG & EWS
15% @ 18,428.52 = 2,764.27 SQM.

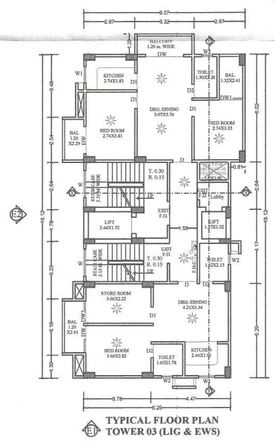
TOWER - 03 (LIG & EWS)

BASEMENT FL. F.A.R. AREA	=	13.95 Sqmt.
STILT FL. F.A.R. AREA	=	34.40 Sqmt.
1ST FL. F.A.R. AREA	=	170.18 Sqmt.
2ND FL. F.A.R. AREA	=	170.18 Sqmt.
3RD FL. F.A.R. AREA	=	170.18 Sqmt.
4TH FL. F.A.R. AREA	=	170.18 Sqmt.
5TH FL. F.A.R. AREA	=	170.18 Sqmt.
6TH FL. F.A.R. AREA	=	170.18 Sqmt.
7TH FL. F.A.R. AREA	=	170.18 Sqmt.
8TH FL. F.A.R. AREA	=	170.18 Sqmt.
9TH FL. F.A.R. AREA	=	170.18 Sqmt.
10TH FL. F.A.R. AREA	=	170.18 Sqmt.
11TH FL. F.A.R. AREA	=	170.18 Sqmt.
12TH FL. F.A.R. AREA	=	170.18 Sqmt.
13TH FL. F.A.R. AREA	=	170.18 Sqmt.
14TH FL. F.A.R. AREA	=	170.18 Sqmt.
15TH FL. F.A.R. AREA	=	170.18 Sqmt.
16TH FL. F.A.R. AREA	=	170.18 Sqmt.
TOTAL F.A.R. AREA	=	2771.23 Sqmt.

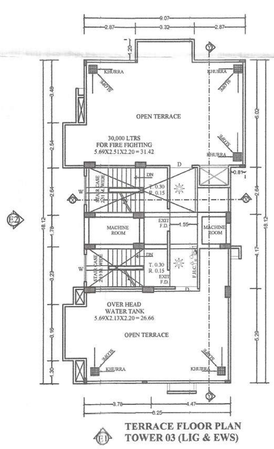
TOTAL ACHIVED 15% F.A.R.
= 2771.23 SQM.



STILT FLOOR PLAN
TOWER 03 (LIG & EWS)



TYPICAL FLOOR PLAN
TOWER 03 (LIG & EWS)



TERRACE FLOOR PLAN
TOWER 03 (LIG & EWS)

ELEVATION-2
TOWER 03 (LIG & EWS)

ELEVATION-2
TOWER 03 (LIG & EWS)

PROJECT:

"THE KING'S COURT."

PROPOSED GROUP HOUSING
FOR **M/S HIRA PANNA INFRA PROJECTS LLP**
DIRECTOR BY SHARAD KESHRI
S/O SHRI SATISH KUMAR KESHRI
ON PLOT NO - 199, 200, 201, 202
KHATA NO- 56, 58, 65 TAUZI NO- 5661,
5276, THANA NO- 40, THANA- DINAPUR,
AT MAUZA- ADAMPUR, PATNA BIHAR.

ALL DIMENTION IN METER

SCALE-1:100 | SHEET No- 06 | NORTH:-

HIRA PANNA INFRA PROJECTS LLP
DESIGNATED PARTNER
SIGNATURE OF OWNER / FIRM / COMPANY

AR. BIJAY KUMAR
COA & BR/UDHD
CA/1984/8528
SIGNATURE OF ARCHITECT

Er. M...
SIGNATURE OF STRUCTURAL ENGINEER

21/06/25
सहायक नगर योजना पर्यवेक्षक,
पटना महानगर क्षेत्र प्राधिकार

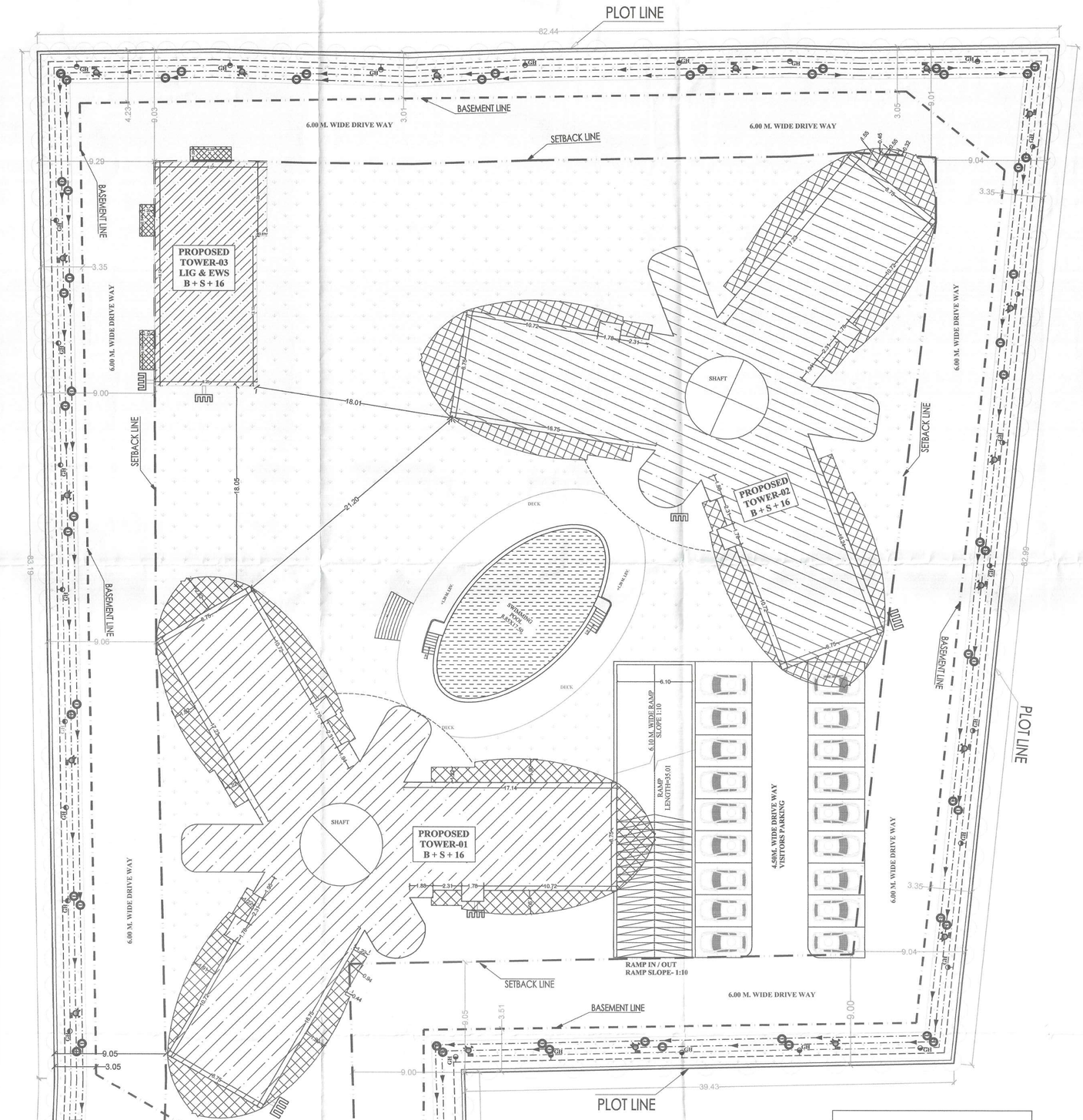
सहायक अभियंता
पटना महानगर क्षेत्र प्राधिकार

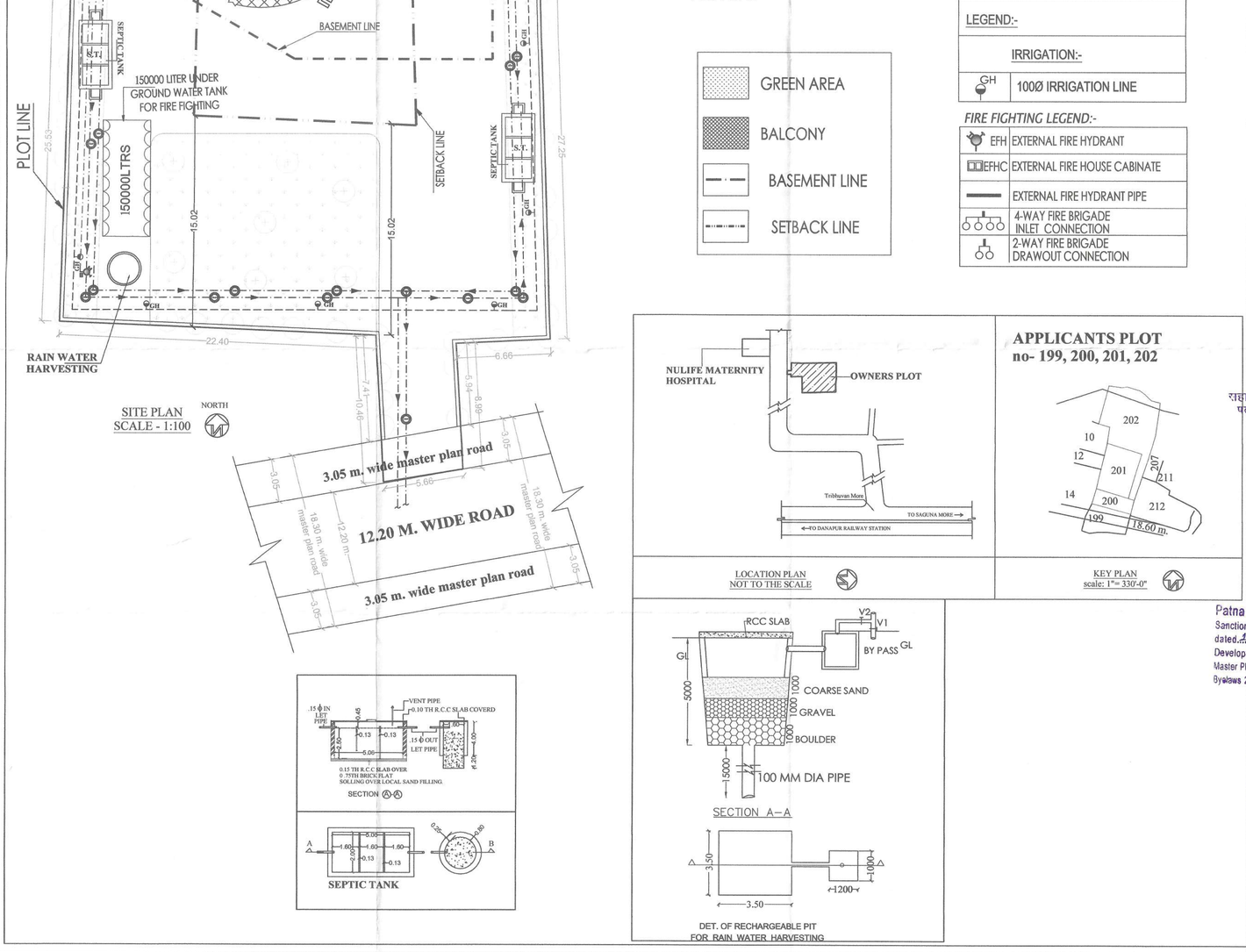
कार्यपालक अभियंता
पटना महानगर क्षेत्र प्राधिकार

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।

Patna Metropolitan Area Authority
Sanction of Plan Case no. PMAA/PRA/DINAPUR/ Tower-1&2=(B+S+16)/ Tower-3(EWS/LIG)=(B+S+16)/83/2024
dated 23/12/2024 accorded under
Development Control Regulations For Patna
Master Plan 2031 (Byelaws no 8) of Bihar Building
Byelaws 2014 (as amended 2022) on Date 25/02/2025





SITE PLAN
SCALE - 1:100

NORTH

AREA AS/PER DEED	= 7390.13 Sqmt.
PLOT AREA AS/SITE	= 7389.67 Sqmt.
AREA LEFT FOR MASTER PLAN ROAD WIDENING	= 17.26 Sqmt.
NET PLOT AREA	= 7372.41 Sqmt.

PERMISSIBLE FAR @ 2.50 = 18,431.02 Sqmt.
LIG & EWS 15% OF TOTAL BUILT-UP AREA

TOWER - 01

BASEMENT FL. F.A.R. AREA	=	15.86 Sqmt.
STILT FL. F.A.R. AREA	=	37.56 Sqmt.
1ST FL. F.A.R. AREA	=	617.39 Sqmt.
2ND FL. F.A.R. AREA	=	617.39 Sqmt.
3RD FL. F.A.R. AREA	=	617.39 Sqmt.
4TH FL. F.A.R. AREA	=	617.39 Sqmt.
5TH FL. F.A.R. AREA	=	617.39 Sqmt.
6TH FL. F.A.R. AREA	=	617.39 Sqmt.
7TH FL. F.A.R. AREA	=	617.39 Sqmt.
8TH FL. F.A.R. AREA	=	617.39 Sqmt.
9TH FL. F.A.R. AREA	=	617.39 Sqmt.
10TH FL. F.A.R. AREA	=	617.39 Sqmt.
11TH FL. F.A.R. AREA	=	617.39 Sqmt.
12TH FL. F.A.R. AREA	=	617.39 Sqmt.
13TH FL. SERVICE FLOOR		
14TH FL. F.A.R. AREA	=	617.39 Sqmt.
15TH FL. F.A.R. AREA	=	617.39 Sqmt.
16TH FL. F.A.R. AREA	=	517.38 Sqmt.
TOTAL F.A.R. AREA	=	9214.26 Sqmt.

TOWER - 02

BASEMENT FL. F.A.R. AREA	=	15.86 Sqmt.
STILT FL. F.A.R. AREA	=	37.56 Sqmt.
1ST FL. F.A.R. AREA	=	617.39 Sqmt.
2ND FL. F.A.R. AREA	=	617.39 Sqmt.
3RD FL. F.A.R. AREA	=	617.39 Sqmt.
4TH FL. F.A.R. AREA	=	617.39 Sqmt.
5TH FL. F.A.R. AREA	=	617.39 Sqmt.
6TH FL. F.A.R. AREA	=	617.39 Sqmt.
7TH FL. F.A.R. AREA	=	617.39 Sqmt.
8TH FL. F.A.R. AREA	=	617.39 Sqmt.
9TH FL. F.A.R. AREA	=	617.39 Sqmt.
10TH FL. F.A.R. AREA	=	617.39 Sqmt.
11TH FL. F.A.R. AREA	=	617.39 Sqmt.
12TH FL. F.A.R. AREA	=	617.39 Sqmt.
13TH FL. SERVICE FLOOR		
14TH FL. F.A.R. AREA	=	617.39 Sqmt.
15TH FL. F.A.R. AREA	=	617.39 Sqmt.
16TH FL. F.A.R. AREA	=	517.38 Sqmt.
TOTAL F.A.R. AREA	=	9214.26 Sqmt.

F.A.R. ARCHIVED = TOWER 01 + TOWER 02
= 9214.26 + 9214.26
= 18,428.52 SQM.

PROPOSED GROUND COVERAGE = 24.52 %

TOTAL PROPOSED F.A.R. @ 2.499 = 18,428.52 SQM.

TOWER 01 & 02
(13TH FL. SERVICE FLOOR = 660.61X2 = 1321.22 Sqmt.)

RAIN WATER HARVESTING CALCULATION ALL TOWER

RAINWATER HARVESTING DETAIL

TERRACE FLOOR AREA = 1530.04 SQ.M
REQUIRED SIZE OF WELL =6 CUBIC METER/100 SQ M. AREA
REQUIRED SIZE OF WELL = 15.30 X 6 = 91.80 CUM
PROVISION OF WELL = 5.00 X 3.50 X 3.50 = 61.25 CUM
TOTAL WELL OF SIZE = 61.25 X 2 = 122.5 CUM

GREEN AREA CALCULATION

TOTAL NET PLOT AREA = 7372.41 SQ.M
GREEN SPACE AREA % READ = 7372.41 @ 10% 737.24 SQ.M.
TOTAL PROVIDED GREEN SPACE @ 28.30 % 2076.48 SQ.M.

TREE CALCULATION
REQUIRED TREE AS PER 1 NO OF TREE 100 SQ.MT. OF OPEN AREA 2076.48 / 100 = SAY 21 NOS

TOTAL NOS OF TREES = 21
EVERGREEN TREE = 21

PROJECT:

"THE KING'S COURT."

PROPOSED GROUP HOUSING
FOR **M/S HIRA PANNA INFRA PROJECTS LLP**
DIRECTOR BY SHARAD KESHRI
S/O SHRI SATISH KUMAR KESHRI
ON PLOT NO - 199, 200, 201, 202
KHATA NO- 56, 58, 65 TAUZI NO- 5661,
5276, THANA NO- 40, THANA- DINAPUR,
AT MAUZA- ADAMPUR, PATNA BIHAR.

ALL DIMENTION IN METER

SCALE-1:100 | SHEET No- 05 | NORTH:-

HIRA PANNA INFRA PROJECTS LLP
DESIGNATED PARTNER
SIGNATURE OF OWNER / FIRM / COMPANY

AR. BIJAY KUMAR
COA & BR/UDHD
CA/1984/8525
SIGNATURE OF ARCHITECT

SIGNATURE OF STRUCTURAL ENGINEER

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

Patna Metropolitan Area Authority
Sanction of Plan Case no. PMAA/PRN/ADAMPUR/ Tower-1,2,4/(B+S+16)
dated 13/12/2024 accorded under Tower-3(EWS/LIG)/(B+S+16) 23/2024
Development Control Regulations For Patna
Master Plan 2031 (Byelaws no 8) of Bihar Building
Byelaws 2014 (as amended 2022) on Date 27/02/2025

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

LEGEND:-

IRRIGATION:-	
GH	100Ø IRRIGATION LINE

	GREEN AREA
	BALCONY
	BASEMENT LINE
	SETBACK LINE

FIRE FIGHTING LEGEND:-

EFH	EXTERNAL FIRE HYDRANT
EFHC	EXTERNAL FIRE HOUSE CABINATE
	EXTERNAL FIRE HYDRANT PIPE
	4-WAY FIRE BRIGADE INLET CONNECTION
	2-WAY FIRE BRIGADE DRAWOUT CONNECTION

LOCATION PLAN
NOT TO THE SCALE

APPLICANTS PLOT
no- 199, 200, 201, 202

KEY PLAN
scale: 1"= 330'-0"



TOWER-01 FRONT ELEVATION TOWER-02

FIRE LEGEND

FHC	FIRE HOSE CABINET
	UP RIGHT TYPE SPRINKLER
	PENDENT TYPE SPRINKLER
	SIDE WALL SPRINKLER
	9 Ltr. WATER GAS PRESSURE TYPE FIRE EXTINGUISHER
	4.5 kg CO^2 TYPE FIRE EXTINGUISHER
	SLUICE VALVE
	NON-RETURN VALVE
	FLOW INDICATING SWITCH
	ELECTRICAL CALL POINT SWITCHES FOR THE ALARM SYSTEM.
	AREA COVERED WITH AUTOMATIC HEAT SMOKE DETECTOR AS PER I.S.S.
FD	DOUBLE LEAF DOUBLE SWING SELF CLOSING FIRE RESISTING DOOR
	HOUSE RULES AS PER I.S.S.T.A.C. RECOMMENDATIONS DULY CONNECTED WITH THE WET RISER SYSTEM.
	LANDING VALVES AS PER I.S.S.T.A.C. RECOMMENDATIONS DULY CONNECTED WITH THE WET RISER SYSTEM.
	LOUD SPEAKER OUTLETS FOR THE PUBLIC ADDRESS SYSTEM.
M	MICRO PHONE POSITION FOR THE PUBLIC ADDRESS SYSTEM.
A A M	FLOOR INDICATOR PANELS FOR THE AUTOMATIC FIRE ALARM SYSTEM AS PER I.S.S.
	WATER CO_2 TYPE PORTABLE EXTINGUISHER OF 9 LITRE CAPACITY.
	SIAMESE CONNECTION.
EXIT	EXIST DIRECTIONAL SIGN.
	PORTABLE CHEMICAL B.C.F. EXTINGUISHER OF 3.5 KG CAPACITY.
	FIRE FIGHTING WATER OVER HEAD WATER TANK 30,000 LTR TOWER 01 + TOWER 02 = 60,000 LTR
	UNDER GROUND STATIC TANK WITH 150,000 LTR CAPACITY FOR FIRE.
	CAR CHARGING POINT
	DOWN COMER

PROJECT:

"THE KING'S COURT."

PROPOSED GROUP HOUSING
FOR **M/S HIRA PANNA INFRA PROJECTS LLP**
DIRECTOR BY SHARAD KESHRI
S/O SHRI SATISH KUMAR KESHRI
ON PLOT NO - 199, 200, 201, 202
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5276, THANA NO- 40, THANA- DINAPUR,
AT MAUZA- ADAMPUR, PATNA BIHAR.

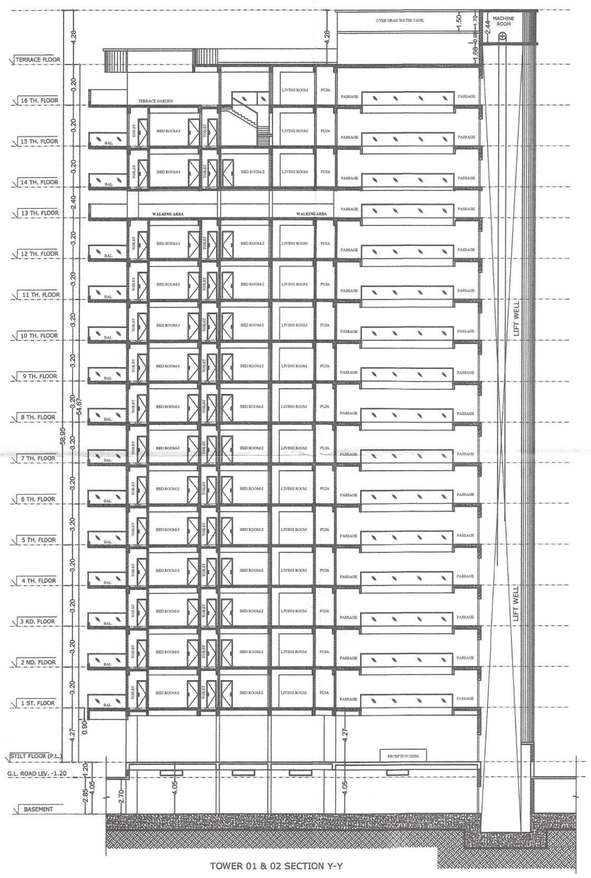
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SCALE-1:100 | SHEET No- 04 | NORTH:-

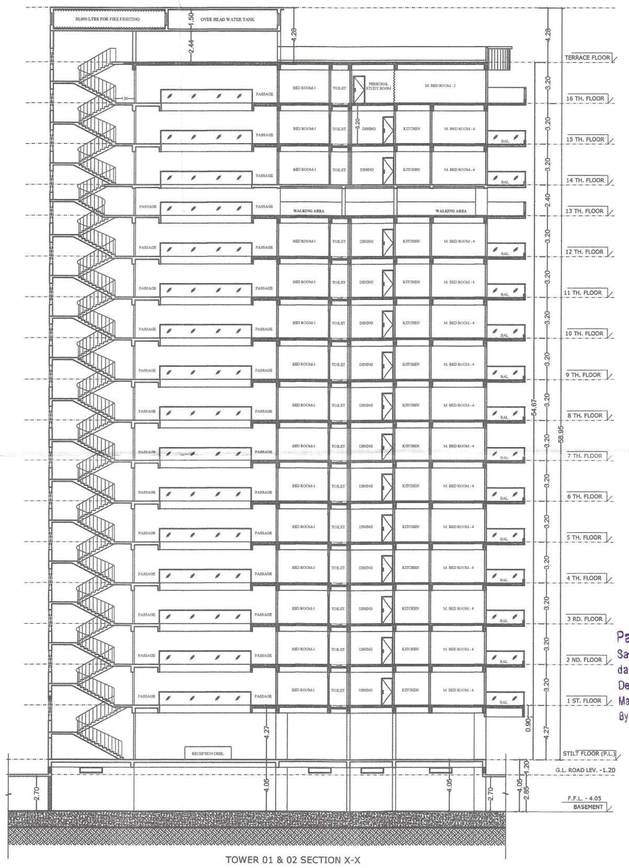
HIRA PANNA INFRA PROJECTS LLP
DESIGNATED PARTNER
SIGNATURE OF OWNER / FIRM / COMPANY

AR. BIJAY KUMAR
COA & BR/UDHD
CA/1984/8526
SIGNATURE OF ARCHITECT

Er. Mukesh Kumar
STRUCTURAL ENGINEER
BR/STR/8223-0098
SIGNATURE OF STRUCTURAL ENGINEER



TOWER 01 & 02 SECTION Y-Y



TOWER 01 & 02 SECTION X-X

सहायक नगर योजना पर्यवेक्षक,
पटना महानगर क्षेत्र प्राधिकार

सहायक अभियंता
पटना महानगर क्षेत्र प्राधिकार

कार्यपालक अभियंता
पटना महानगर क्षेत्र प्राधिकार

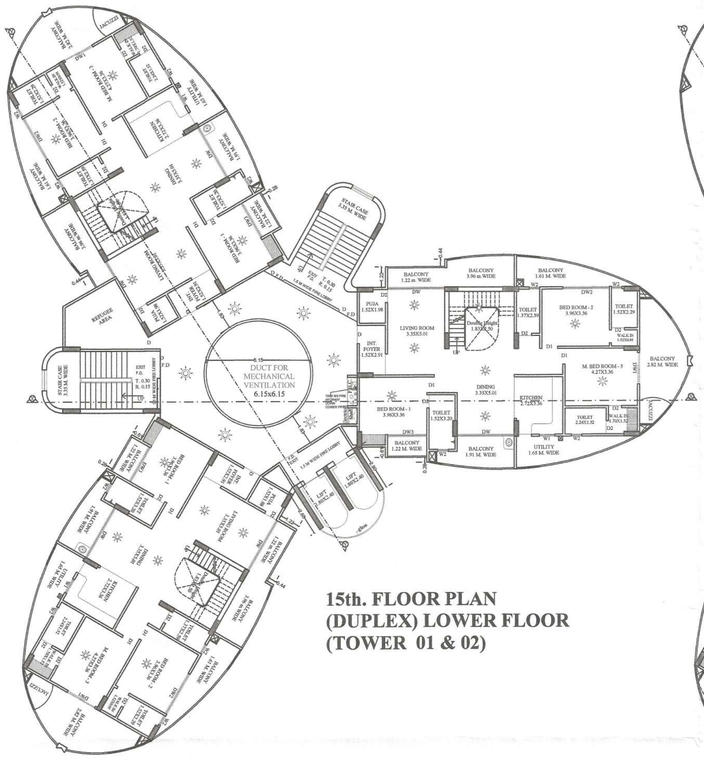
अधीक्षण अभियंता
पटना महानगर क्षेत्र प्राधिकार

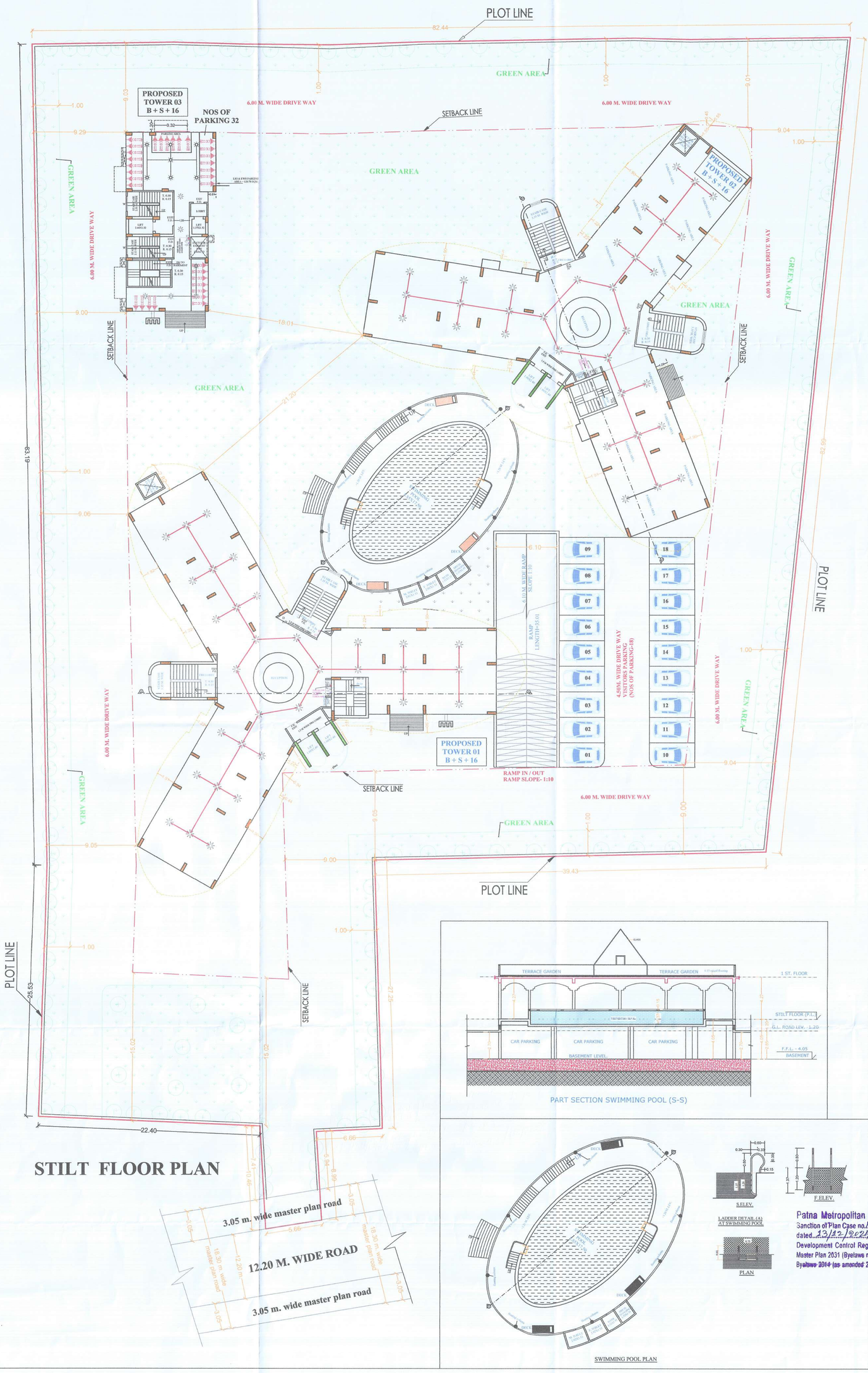
Patna Metropolitan Area Authority
Sanction of Plan Case no. PMAA/PRM/(ADAMPUR)/Tower-1,2 & (B+S+16)/ Tower-3 (EWS/136)-(B+S+16)/03/2024
dated. 13/12/2024 accorded under
Development Control Regulations For Patna
Master Plan 2031 (Byelaws no 8) of Bihar Building
Byelaws 2014 (as amended 2022) on Date. 25/09/2025

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

DOOR WINDOW SCHEDULE (TOWER 01 & 02)			
TYPE	SIZE	SILL	LINTEL
DW	3.35 X B.O.B	---	B.O.B
DW1	1.83X B.O.B		B.O.B
DW2	2.74X B.O.B	---	B.O.B
DW3	2.31X B.O.B	---	B.O.B
D	1.07X 2.13	---	2.13
D1	0.91 X 2.13	---	2.13
D2	0.76 X 2.13	---	2.13
W1	0.91 X 1.52	1.07	2.59
W2	0.75 X 1.22	1.37	2.59
NOTE :- B.O.B = Bottom of beam			

FIRE LEGEND	
FHC	FIRE HOSIE CABINET
	UP RIGHT TYPE SPRINKLER
	PENDENT TYPE SPRINKLER
	SIDE WALL SPRINKLER
	9 Ltr. WATER GAS PRESSURE TYPE FIRE EXTINGUISHER
	4.5 kg CO² TYPE FIRE EXTINGUISHER
	SLUICE VALVE
	NON-RETURN VALVE
	FLOW INDICATING SWITCH
	ELECTRICAL CALL POINT SWITCHES FOR THE ALARM SYSTEM.
	AREA COVERED WITH AUTOMATIC HEAT SMOKE DETECTOR AS PER I.S.S.
FD	DOUBLE LEAF DOUBLE SWING SELF CLOSING FIRE RESISTING DOOR
	HOUSE RULES AS PER I.S.S.T.A.C. RECOMMENDATIONS DULY CONNECTED WITH THE WET RISER SYSTEM.
	LANDING VALVES AS PER I.S.S.T.A.C. RECOMMENDATIONS DULY CONNECTED WITH THE WET RISER SYSTEM.
	LOUD SPEAKER OUTLETS FOR THE PUBLIC ADDRESS SYSTEM.
M	MICRO PHONE POSITION FOR THE PUBLIC ADDRESS SYSTEM.
AA M	FLOOR INDICATOR PANELS FOR THE AUTOMATIC FIRE ALARM SYSTEM AS PER I.S.S.
	WATER CO2 TYPE PORTABLE EXTINGUISHER OF 9 LITRE CAPACITY.
	SIAMESE CONNECTION.
EXIT	EXIST DIRECTIONAL SIGN.
	PORTABLE CHEMICAL B.C.F. EXTINGUISHER OF 3.5 KG CAPACITY.
	FIRE FIGHTING WATER OVER HEAD WATER TANK 30,000 LTR TOWER 01 + TOWER 02 = 60,000 LTR.
	UNDER GROUND STATIC TANK WITH 150,000 LTR CAPACITY FOR FIRE.
	CAR CHARGING POINT
	DOWN COMER


DUCT FOR MECHANICAL VENTILATION 6.15x6.15
STAIR CASE 3.35 M. WIDE
LIFT 1.80x2.40
LIFT M/C ROOM
BALCONY 1.22 m. WIDE
BALCONY 3.96 m.WIDE
BALCONY 1.83 M. WIDE
PUJA 1.52X1.98
INT. FOYER 1.52X2.91
LIVING ROOM 3.35X5.01
Double Height
TOILET 1.52X2.29
BED ROOM-2 3.96X3.36
WALK IN 1.07X0.91
BED ROOM-1 3.96X3.36
TOILET 1.52X3.36
DINING 3.35X5.01
KITCHEN 2.74X3.36
TOILET 2.29X1.52
M. BED ROOM-3 4.27X3.36
BALCONY 2.82 M. WIDE
BALCONY 1.52 M. WIDE
UTILITY 1.65 M. WIDE
W.M.
SERVANT ROOM
SERVANT TOILET
KITCHEN
DRAWING
DINING
M. BED ROOM
TOILET
WALK IN
STUDY
SITTING
STORE
SERVICE AREA
OPEN TERRACE
TERRACE BELOW
OVER HEAD WATER TANK
30000 LTR FOR FIRE FIGHTING
UNDER GROUND STATIC TANK 150000 LTR FOR FIRE FIGHTING
RECEPTION
LOBBY
EXIT
EXIT F.D.
EXIT to Staircase
1.5 M WIDE FIRE CURTAIN
SHAFT
SHAFT DUCT
SHAFT DUCT FOR MECHANICAL VENTILATION
SHAFT DUCT FOR MECHANICAL VENTILATION 6.15x6.15
SHAFT DUCT FOR MECHANICAL VENTILATION 6.15x6.15 M
SHAFT DUCT FOR MECHANICAL VENTILATION 6.15x6.15 M.



PART SECTION SWIMMING POOL (S-S)

FIRE LEGEND

FHC	FIRE HOSE CABINET
	UP RIGHT TYPE SPRINKLER
	PENDENT TYPE SPRINKLER
	SIDE WALL SPRINKLER
	9 Ltr. WATER GAS PRESSURE TYPE FIRE EXTINGUISHER
	4.5 kg CO^2 TYPE FIRE EXTINGUISHER
	SLUICE VALVE
	NON-RETURN VALVE
	FLOW INDICATING SWITCH
	ELECTRICAL CALL POINT SWITCHES FOR THE ALARM SYSTEM.
H A A	AREA COVERED WITH AUTOMATIC HEAT SMOKE DETECTOR AS PER I.S.S.
FD	DOUBLE LEAF DOUBLE SWING SELF CLOSING FIRE RESISTING DOOR
	HOUSE RULES AS PER I.S.S.T.A.C. RECOMMENDATIONS DULY CONNECTED WITH THE WET RISER SYSTEM.
	LANDING VALVES AS PER I.S.S.T.A.C. RECOMMENDATIONS DULY CONNECTED WITH THE WET RISER SYSTEM.
	LOUD SPEAKER OUTLETS FOR THE PUBLIC ADDRESS SYSTEM.
M	MICRO PHONE POSITION FOR THE PUBLIC ADDRESS SYSTEM.
A A M	FLOOR INDICATOR PANELS FOR THE AUTOMATIC FIRE ALARM SYSTEM AS PER I.S.S.
	WATER CO2 TYPE PORTABLE EXTINGUISHER OF 9 LITRE CAPACITY.
	SIAMESE CONNECTION.
EXIT	EXIST DIRECTIONAL SIGN.
	PORTABLE CHEMICAL B.C.F. EXTINGUISHER OF 3.5 KG CAPACITY.
	FIRE FIGHTING WATER OVER HEAD WATER TANK 30,000 LTR TOWER 01 + TOWER 02 = 60,000 LTR
	UNDER GROUND STATIC TANK WITH 150,000 LTR CAPACITY FOR FIRE.
	CAR CHARGING POINT
	DOWN COMER

PROJECT:

"THE KING'S COURT."

PROPOSED GROUP HOUSING
FOR **M/S HIRA PANNA INFRA PROJECTS LLP**
DIRECTOR BY SHARAD KESHRI
S/O SHRI SATISH KUMAR KESHRI
ON PLOT NO - 199, 200, 201, 202
KHATA NO- 56, 58, 65 TAUZI NO- 5661,
5276, THANA NO- 40, THANA- DINAPUR,
AT MAUZA- ADAMPUR, PATNA BIHAR.

ALL DIMENTION IN METER

SCALE-1:100 | SHEET No - 02 | NORTH:-

HIRA PANNA INFRA PROJECTS LLP
DESIGNATED PARTNER
SIGNATURE OF OWNER / FIRM / COMPANY

AR. BIJAY KUMAR
COA & BR/UDHD
CA/1984/8525
SIGNATURE OF ARCHITECT

SIGNATURE OF STRUCTURAL ENGINEER

सहायक नगर योजना पर्यवेक्षक,
पटना महानगर क्षेत्र प्राधिकार

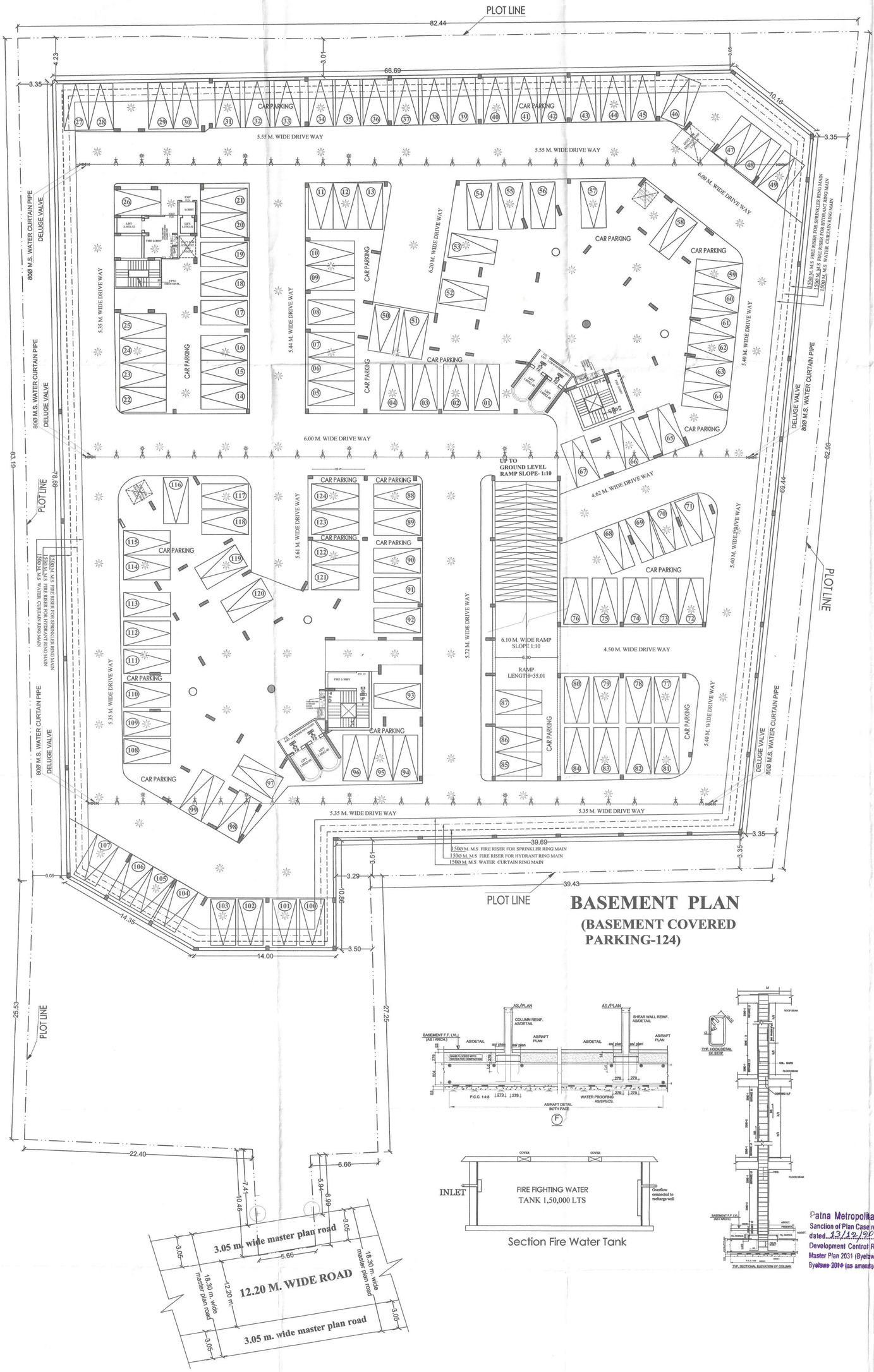
सहायक अभियंता
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कार्यपालक अभियंता
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अधीक्षण अभियंता
पटना महानगर क्षेत्र प्राधिकार

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

Patna Metropolitan Area Authority
Sanction of Plan Case no. Patna/PRN/ADAMPUR/Tower-1,2,3=(B+S+16)/83/2024
dated 23/12/2024 accorded under
Development Control Regulations For Patna
Master Plan 2031 (Byelaws no 8) of Bihar Building
Byelaws 2014 (as amended 2022) on Date 25/02/2025



BASEMENT PLAN
(BASEMENT COVERED PARKING-124)

Section Fire Water Tank

SPECIFICATION

1. R.C.C. RAFT FOUNDATION AS PER STRUCTURAL DESIGN
2. IST CLASS BRICK WORK IN CEMENT MORTAR (1:6) IN SUPER STRUCTURE
3. 0.112 TH LIME TERRACING OVER 0.10 TH R.C.C. SLAB ON TOP FLOOR
4. 0.025 TH I.P.S. FLOORING OVER 0.15 TH.DRY RAMMED KHOA OVER 0.075 TH FLAT BRICK SOLING
5. 12MM TH. CEMENT PLASTER ON BOTH SIDE OF WALL
6. ALL FLUSH DOORS AND STEEL FRAME WITH GLAZED WINDOW
7. WHITE AND COLOR WASH AS PER CHOICE

PARKING AREA CALCULATION TOWER 01 &02

(TOTAL BUILT UP AREA TOWER 01 + TOWER 02 :- 18428.52 SQ. M)
15% DEDUCT SERVICE AREA- 2764.27 SQMT.
18428.52 - 2764.27 = 15,664.25 SQMT.
PROVIDE 25% OF BUILT UP AREA AS REQUIRED PARKING AREA
TOTAL REQUIRED = 3,916.06 SQ.M
ADD 15% FOR VISITER'S = 587.41 SQM
TOTAL REQUIRED PARKING AREA= 3916.06 + 587.41 SQ.M
TOTAL PARKING AREA= 3916.06 + 587.41 = 4,503.47 SQ.M
PROVISION OF COVERED PARKING-
BASEMENT FLOOR COVERED PARKING - 4168.74 SQM.
STILT FLOOR COVERED PARKING - 357.77 SQM.
TOTAL COVERED PARKING AREA :- 4526.51 SQM.

WATER TANK CALCULATION TOWER 01 & 02

TOTAL NO OF FLAT : TOWER 01 + TOWER 02
= 45 + 45 = 90
PERSONS ASSUME@ 5 PERSONS PER FLATS
90 X 5= 450 PERSONS.
6 PERSONS EXTRA FOR LIFT MAN &
GUARD SO TOTAL PERSONS - 450 + 6 = 456 PERSONS
WATER REQUIRED @ 150 LTS. PER HEAD PER DAY
456 X 150 = 68,400.00 LTR + 60,000.00 LTR FOR FIRE FIGH.
TOTAL REQUIREMENT.= 1,28,400.00 LTS.= 128.40 M^3
TOWER 01 WATER TANK = 18.20X3.88X1.52 = 105.92 M^3
TOWER 02 WATER TANK = 18.20X3.88X1.52 = 105.92 M^3
TOTAL = 211.84 M^3
PROVIDE PROPOSED WATER TANK WITH TWO COMPARTMENT

SEPTIC TANK CALCULATION TOWER 01 & 02

TOTAL NO OF PERSONS - 456 PERSON.
VOLUME REQUIRED @ 0.085 PER HEAD PER DAY.
= 0.085 X 456 = 38.76 M^3
PROVISION OF SEPTIC TANK -
SIZE - 4.80 X 2.00X 2.50= 24.00 M.^{3}
NOS OF 2 SEPTIC TANK 24.00 X2 = 48.00 M.^{3}

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