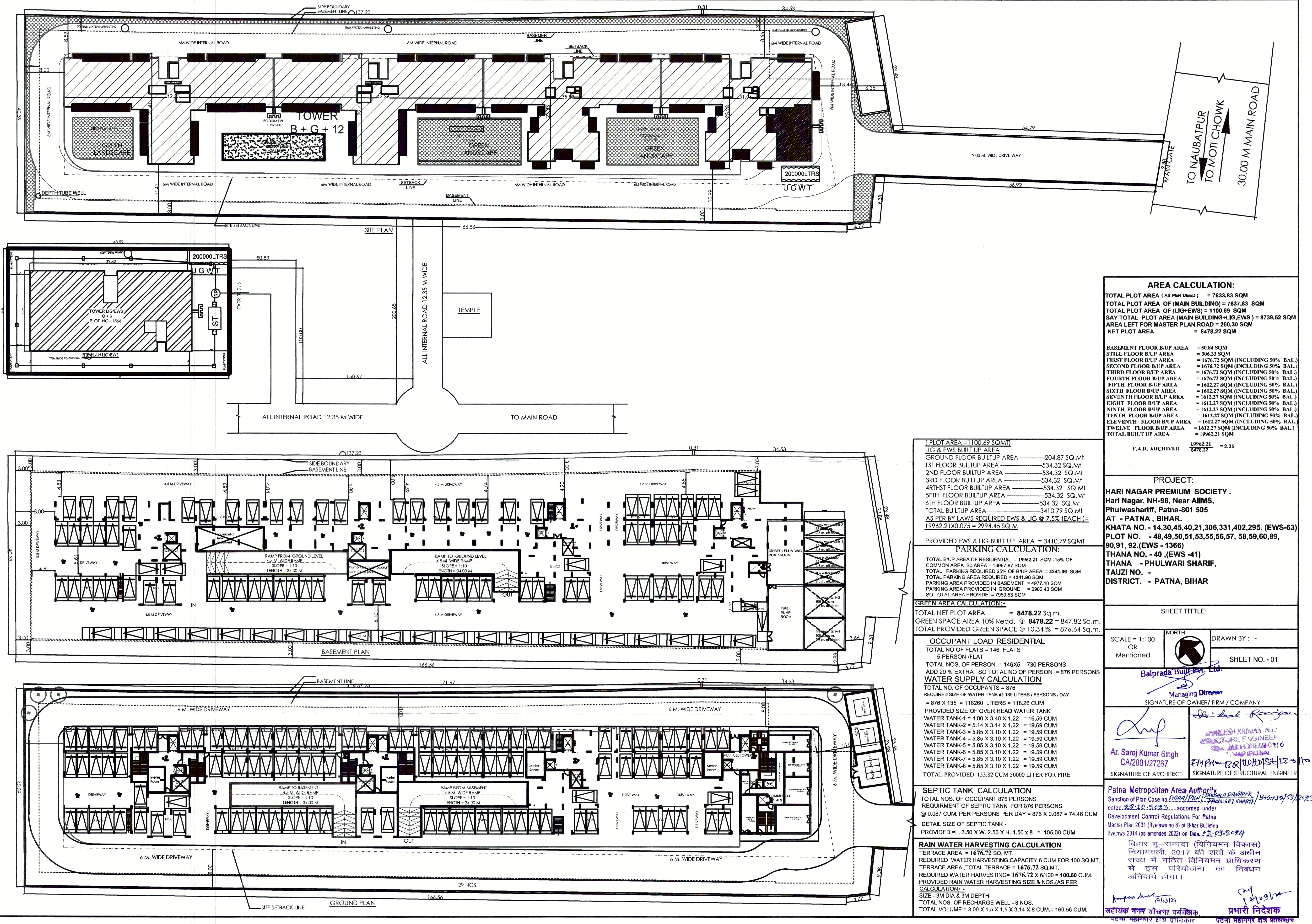




AREA CALCULATION:	
TOTAL PLOT AREA (AS PER DEED)	= 7633.83 SQM
TOTAL PLOT AREA OF (MAIN BUILDING)	= 7637.83 SQM
TOTAL PLOT AREA OF (LIG+EWS)	= 1100.69 SQM
SAY TOTAL PLOT AREA (MAIN BUILDING+LIG+EWS)	= 8738.52 SQM
AREA LEFT FOR MASTER PLAN ROAD	= 260.30 SQM
NET PLOT AREA	= 8478.22 SQM
BASEMENT FLOOR B/U/P AREA	= 50.84 SQM
STILL FLOOR B/U/P AREA	= 306.33 SQM
FIRST FLOOR B/U/P AREA	= 1676.72 SQM (INCLUDING 50% BAL.)
SECOND FLOOR B/U/P AREA	= 1676.72 SQM (INCLUDING 50% BAL.)
THIRD FLOOR B/U/P AREA	= 1676.72 SQM (INCLUDING 50% BAL.)
FOURTH FLOOR B/U/P AREA	= 1676.72 SQM (INCLUDING 50% BAL.)
FIFTH FLOOR B/U/P AREA	= 1612.27 SQM (INCLUDING 50% BAL.)
SIXTH FLOOR B/U/P AREA	= 1612.27 SQM (INCLUDING 50% BAL.)
SEVENTH FLOOR B/U/P AREA	= 1612.27 SQM (INCLUDING 50% BAL.)
EIGHT FLOOR B/U/P AREA	= 1612.27 SQM (INCLUDING 50% BAL.)
NINTH FLOOR B/U/P AREA	= 1612.27 SQM (INCLUDING 50% BAL.)
TENTH FLOOR B/U/P AREA	= 1612.27 SQM (INCLUDING 50% BAL.)
ELEVENTH FLOOR B/U/P AREA	= 1612.27 SQM (INCLUDING 50% BAL.)
TWELVE FLOOR B/U/P AREA	= 1612.27 SQM (INCLUDING 50% BAL.)
TOTAL BUILT UP AREA	= 19962.21 SQM
F.A.R. ARCHIVED	$\frac{19962.21}{8478.22} = 2.35$

[PLOT AREA = 1100.69 SQM]
LIG & EWS BUILT UP AREA
GROUND FLOOR BUILTUP AREA = 204.87 SQ.Mt
1ST FLOOR BUILTUP AREA = 534.32 SQ.Mt
2ND FLOOR BUILTUP AREA = 534.32 SQ.Mt
3RD FLOOR BUILTUP AREA = 534.32 SQ.Mt
4THST FLOOR BUILTUP AREA = 534.32 SQ.Mt
5TH FLOOR BUILTUP AREA = 534.32 SQ.Mt
6TH FLOOR BUILTUP AREA = 534.32 SQ.Mt
TOTAL BUILTUP AREA = 3410.79 SQ.Mt
AS PER BY LAWS REQUIRED EWS & LIG @ 7.5% (EACH) = 19962.21 X 0.075 = 2994.45 SQ.Mt
PROVIDED EWS & LIG BUILT UP AREA = 3410.79 SQM

PARKING CALCULATION:
TOTAL B/U/P AREA OF RESIDENTIAL = 19962.21 SQM - 15% OF COMMON AREA SO AREA = 16967.87 SQM
TOTAL PARKING REQUIRED 25% OF B/U/P AREA = 4241.96 SQM
TOTAL PARKING AREA PROVIDED = 4241.96 SQM
PARKING AREA PROVIDED IN BASEMENT = 4977.10 SQM
PARKING AREA PROVIDED IN GROUND = 2982.43 SQM
SO TOTAL AREA PROVIDED = 7959.53 SQM

GREEN AREA CALCULATION:-
TOTAL NET PLOT AREA = 8478.22 Sq.m.
GREEN SPACE AREA 10% Reqd. @ 8478.22 = 847.82 Sq.m.
TOTAL PROVIDED GREEN SPACE @ 10.34 % = 876.64 Sq.m.

OCCUPANT LOAD RESIDENTIAL
TOTAL NO OF FLATS = 146 FLATS
5 PERSON / FLAT
TOTAL NOS. OF PERSON = 146 X 5 = 730 PERSONS
ADD 20 % EXTRA SO TOTAL NO OF PERSON = 876 PERSONS

WATER SUPPLY CALCULATION
TOTAL NO. OF OCCUPANTS = 876
REQUIRED SIZE OF WATER TANK @ 135 LITERS / PERSONS / DAY
= 876 X 135 = 118260 LITERS = 118.26 CUM
PROVIDED SIZE OF OVER HEAD WATER TANK
WATER TANK-1 = 4.00 X 3.40 X 1.22 = 16.59 CUM
WATER TANK-2 = 5.14 X 3.14 X 1.22 = 19.89 CUM
WATER TANK-3 = 5.85 X 3.10 X 1.22 = 19.59 CUM
WATER TANK-4 = 5.85 X 3.10 X 1.22 = 19.59 CUM
WATER TANK-5 = 5.85 X 3.10 X 1.22 = 19.59 CUM
WATER TANK-6 = 5.85 X 3.10 X 1.22 = 19.59 CUM
WATER TANK-7 = 5.85 X 3.10 X 1.22 = 19.59 CUM
WATER TANK-8 = 5.85 X 3.10 X 1.22 = 19.59 CUM
TOTAL PROVIDED 153.82 CUM 50000 LITER FOR FIRE

SEPTIC TANK CALCULATION
TOTAL NOS. OF OCCUPANT 876 PERSONS
REQUIREMENT OF SEPTIC TANK FOR 876 PERSONS
@ 0.087 CUM. PER PERSONS PER DAY = 876 X 0.087 = 74.46 CUM
DETAIL SIZE OF SEPTIC TANK -
PROVIDED = L. 3.50 X W. 2.50 X H. 1.50 X 8 = 105.00 CUM

RAIN WATER HARVESTING CALCULATION
TERRACE AREA = 1676.72 SQ. MT.
REQUIRED WATER HARVESTING CAPACITY 6 CUM FOR 100 SQ.MT.
TERRACE AREA, TOTAL TERRACE = 1676.72 SQ.MT.
REQUIRED WATER HARVESTING= 1676.72 X 6/100 = 100.60 CUM.
PROVIDED RAIN WATER HARVESTING SIZE & NOS.(AS PER CALCULATION):-
SIZE - 3M DIA & 3M DEPTH
TOTAL NOS. OF RECHARGE WELL - 8 NOS.
TOTAL VOLUME = 3.00 X 1.5 X 1.5 X 3.14 X 8 CUM. = 169.56 CUM.

PROJECT:
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Hari Nagar, NH-98, Near AIIMS,
Phulwasharif, Patna-801 505
AT - PATNA, BIHAR.
KHATA NO. - 14,30,45,40,21,306,331,402,295. (EWS-63)
PLOT NO. - 48,49,50,51,53,55,56,57, 58,59,60,89,
90,91, 92.(EWS - 1366)
THANA NO. - 40 ,(EWS -41)
THANA - PHULWARI SHARIF,
TAUZI NO. -
DISTRICT. - PATNA, BIHAR

SHEET TITLE:

SCALE = 1:100
OR
Mentioned

NORTH

DRAWN BY: -

SHEET NO. - 01

Balprada Builders Pvt. Ltd.
Managing Director
SIGNATURE OF OWNER/ FIRM / COMPANY

Ar. Saroj Kumar Singh
CA/2001/27267
SIGNATURE OF ARCHITECT

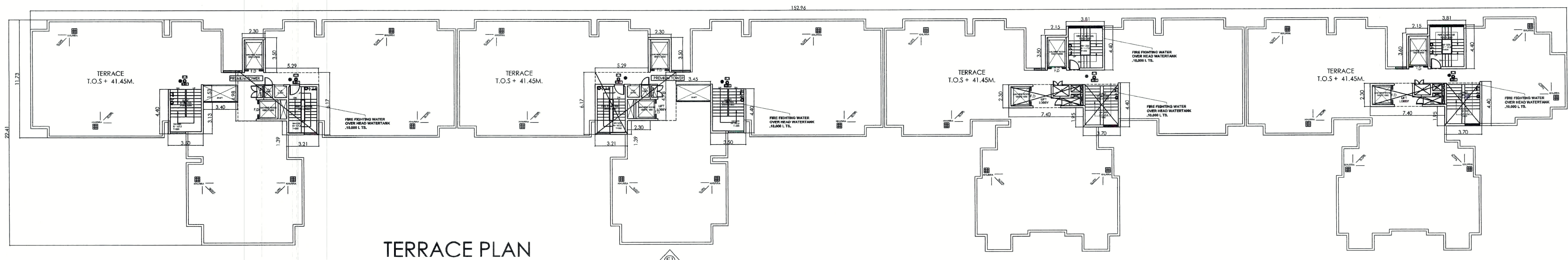
Special Rajan
STRUCTURAL ENGINEER
EMP No- BR/UDH/ST/23-0110
SIGNATURE OF STRUCTURAL ENGINEER

Patna Metropolitan Area Authority
Sanction of Plan Case no. 22/16/2023 dated. 22.10.2023 accorded under Development Control Regulations For Patna Master Plan 2031 (Byelaws no 8) of Bihar Building Byelaws 2014 (as amended 2022) on Date. 22.09.2024

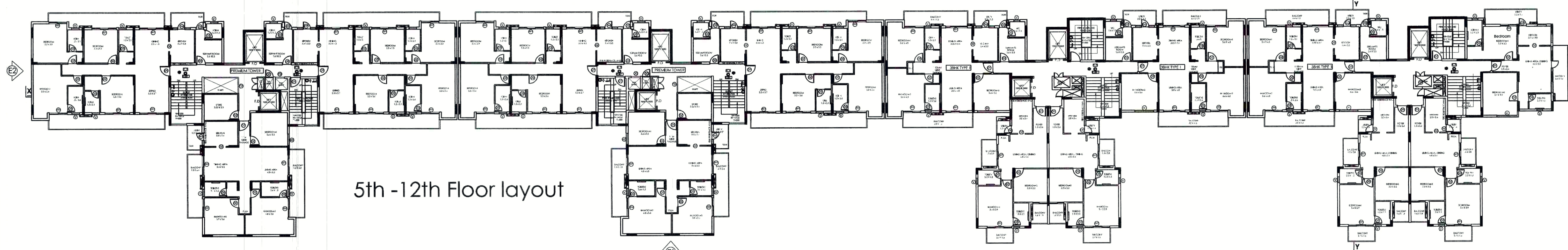
बिहार भू-सम्पदा (विनियमन विकास) नियामक, 2017 की शर्तों के अधीन राज्य में गठित विनियमन प्राधिकरण से इस परियोजना का निबंधन अनिवार्य होगा।

सहायक नगर योजना पर्यवेक्षक,
पटना महानगर क्षेत्र प्राधिकरण

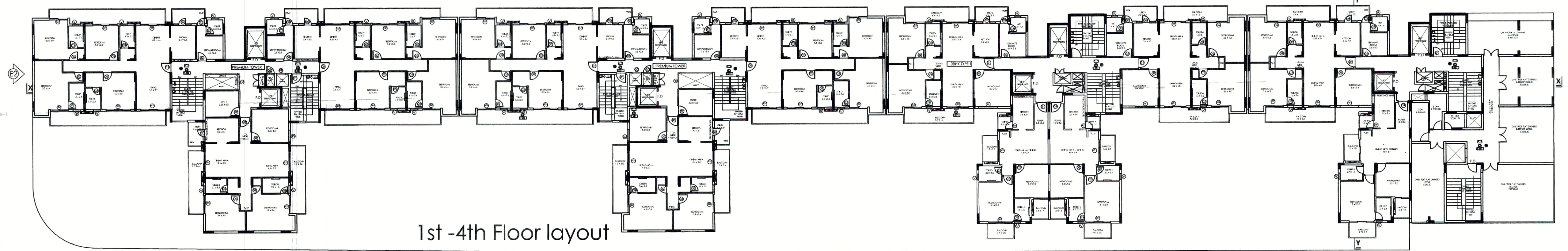
प्रभारी निदेशक
पटना महानगर क्षेत्र प्राधिकरण



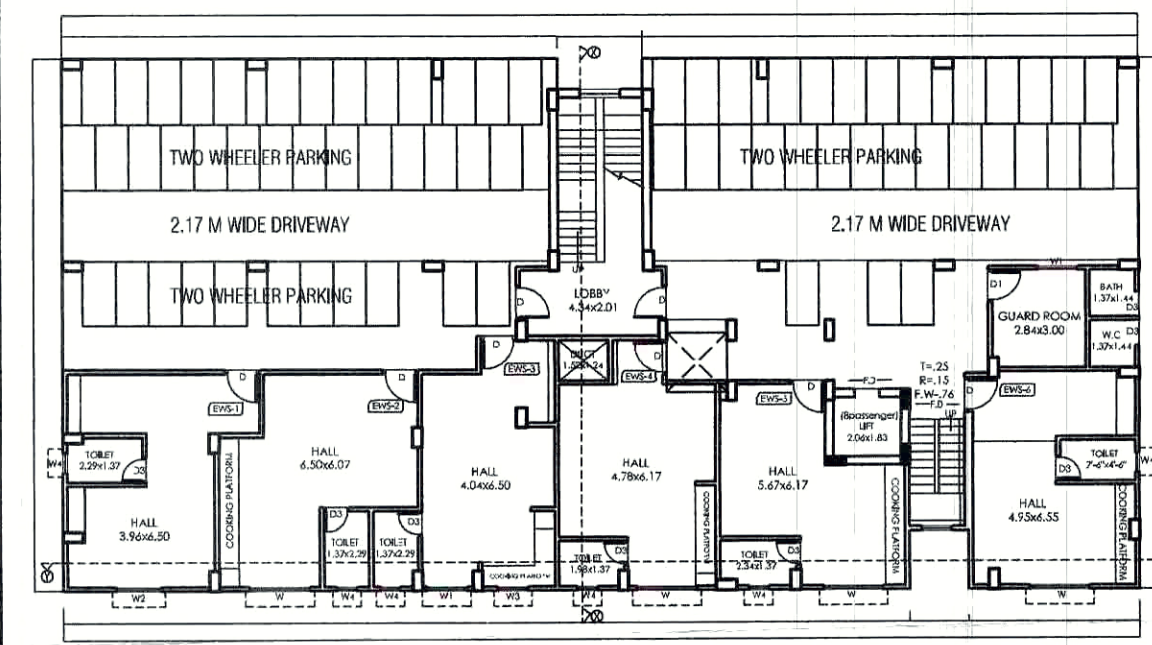
TERRACE PLAN



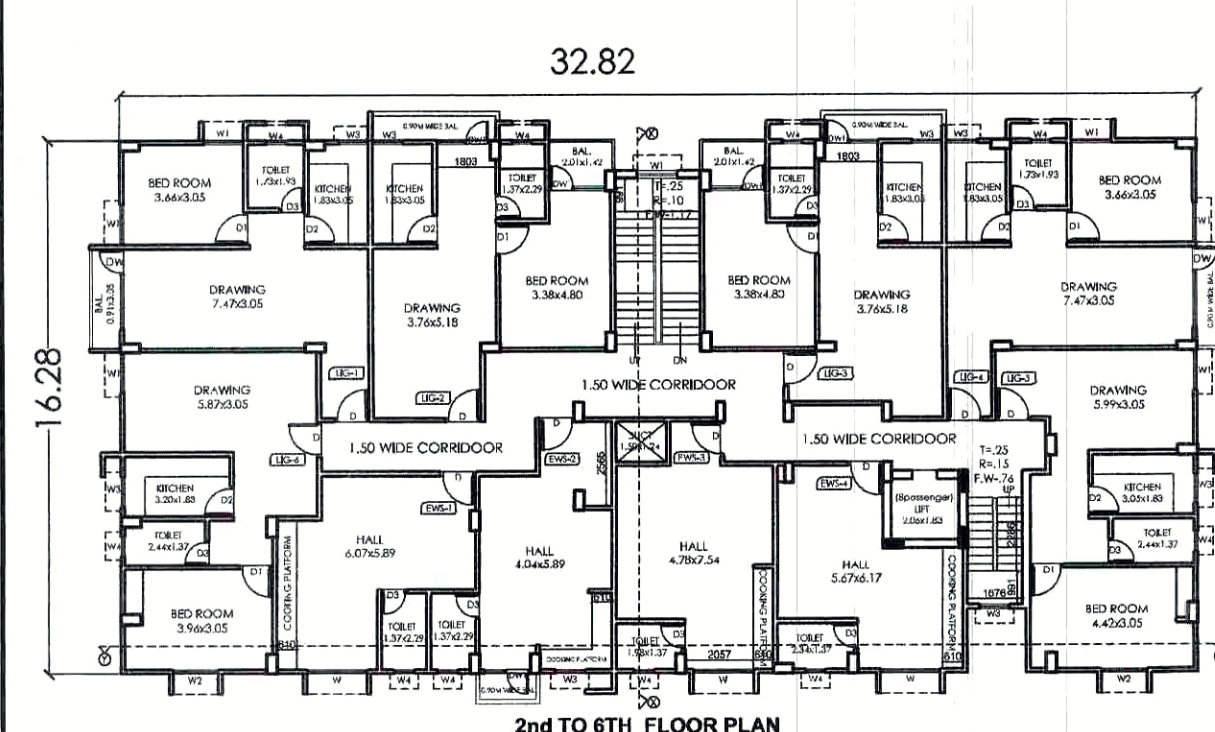
5th -12th Floor layout



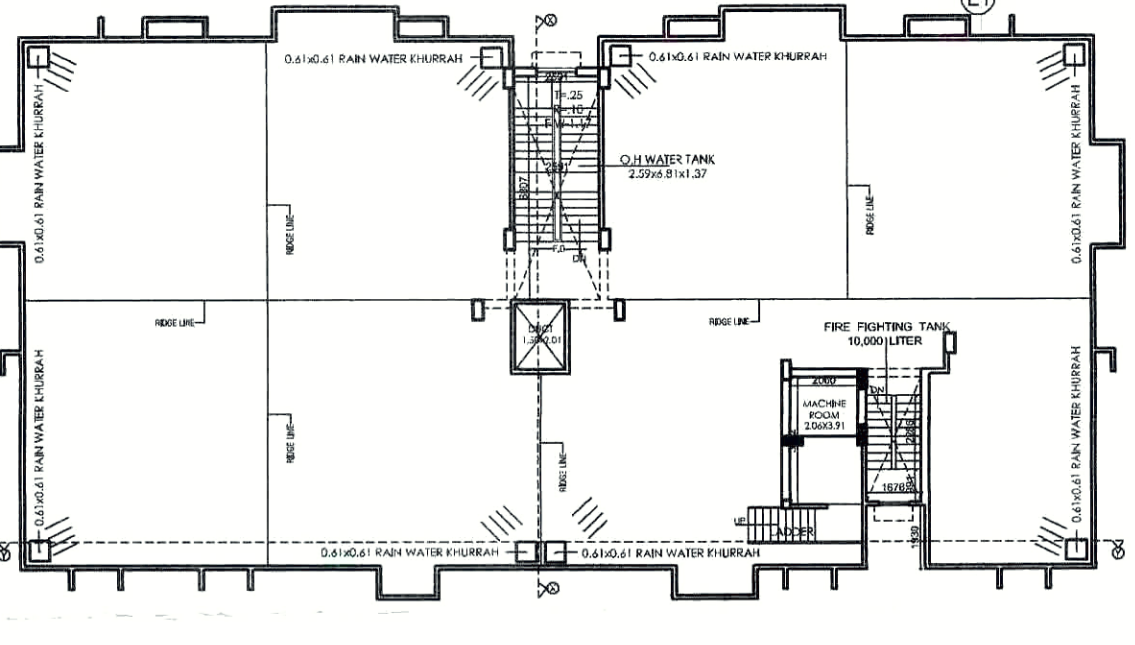
1st -4th Floor layout



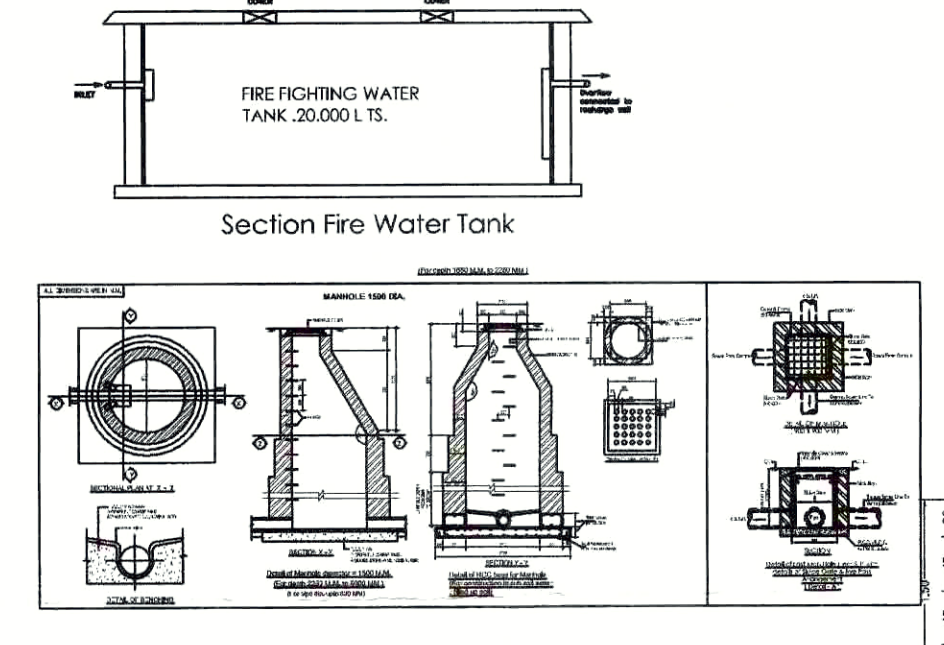
GROUND FLOOR PLAN (BLOCK-C)



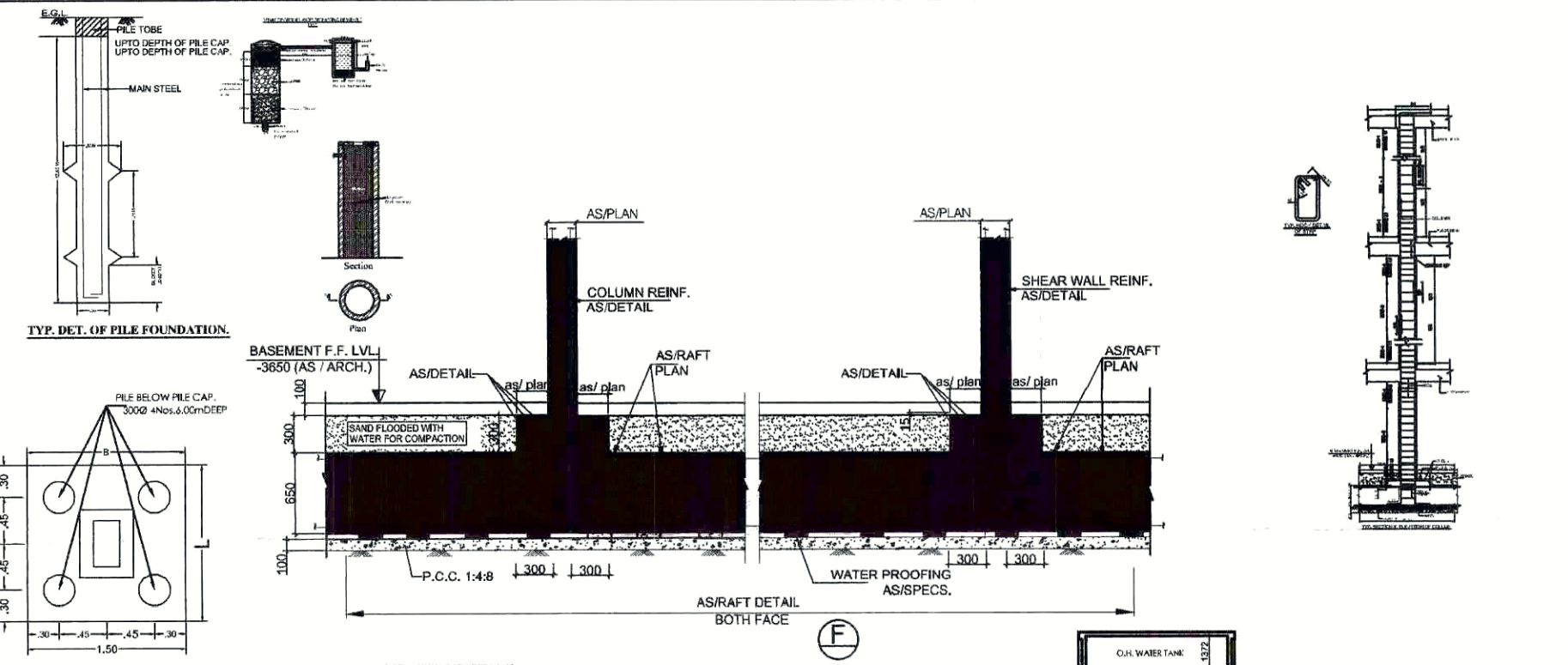
2nd to 6th FLOOR PLAN



TERRACE FLOOR PLAN



Section Fire Water Tank



ASIS PLAN



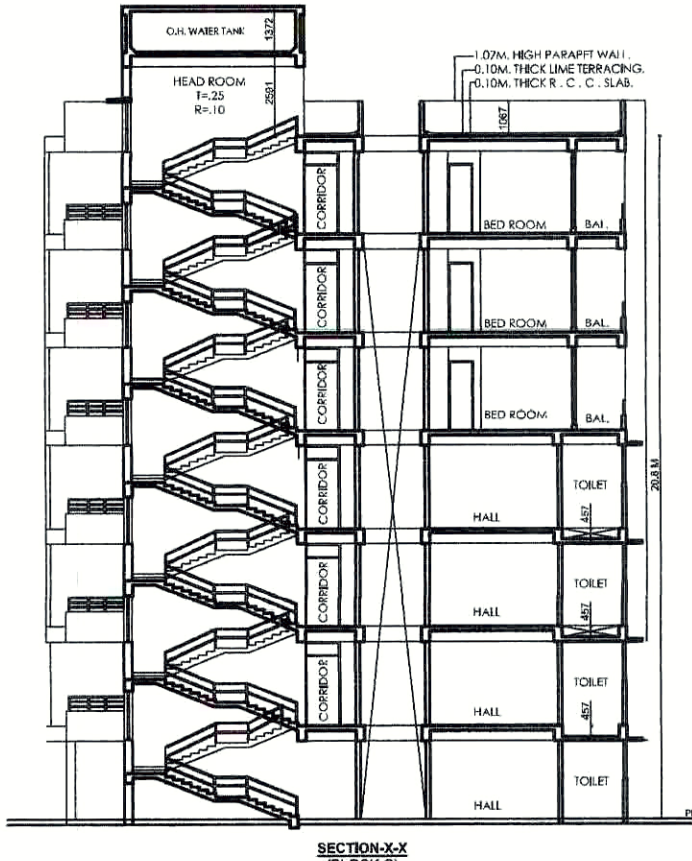
SOUTH SIDE ELEVATION (BLOCK-C)



EAST FRONT ELEVATION (BLOCK-C)



SECTION-XX (BLOCK-C)



SECTION-YY (BLOCK-C)

SCHEDULE OF DOORS & WINDOWS:			
WIDTH	SILL	LINTEL	
1.07	0.0	2.10	
0.99	0.0	2.10	
0.91	0.0	2.10	
0.76	0.0	2.10	
2.10	0.90	2.6	
1.52	0.90	2.6	
0.91	0.90	2.6	
0.76	1.5	2.6	

SPECIFICATION:
R.C.C. U/R PILE FOUNDATION.
1st CLASS BK. WORK IN CEMENT MORTAR IN SUPER STRUCTURE.
R.C.C. LINTEL PROVIDED OVER THE OPENING OF DOORS & WINDOWS.
0.03 M THICK I.P.S. FLOORING OVER 0.15 M THICK DRY RAMMED KHOA OVER FLAT BRICK SOLING OVER LOCAL SAND FILLING.
12MM THICK PLASTER ON BRICK WORK AND 6MM OVER R.C.C. WORK SHALL BE PROVIDED.
0.10 M THICK LIME TERRACING OVER 0.10M THICK R.C.C. ROOF SLAB.
CHUKHAT OF DOORS AND WINDOWS TO BE BEST SAL & TEAK WOOD.
SHUTTERS OF DOORS AND WINDOWS TO BE BEST SAL & TEAK WOOD.
WHITE WASH&COLOUR WASH AS CHOICE.
M.S. GRILL IN WINDOWS AND RAILINGS.

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402,295. (EWS-63)
PLOT NO. - 48,49,50,51,53,55,56,57,
58,59,60,89, 90,91, 92.(EWS - 1366)
THANA NO. - 40 ,(EWS -41)
THANA - PHULWARI SHARIF,
TAUZI NO. -
DISTRICT. - PATNA, BIHAR

SHEET TITLE:

SCALE = 1:100
OR
Mentioned

NORTH

DRAWN BY: -

SHEET NO. - 02

Bakruda Built Pvt. Ltd.
Managing Director

SIGNATURE OF OWNER/ FIRM / COMPANY

Signature of Architect: *Al Saroj Kumar Singh*
Signature of Structural Engineer: *Dr. Saroj Kumar Singh*

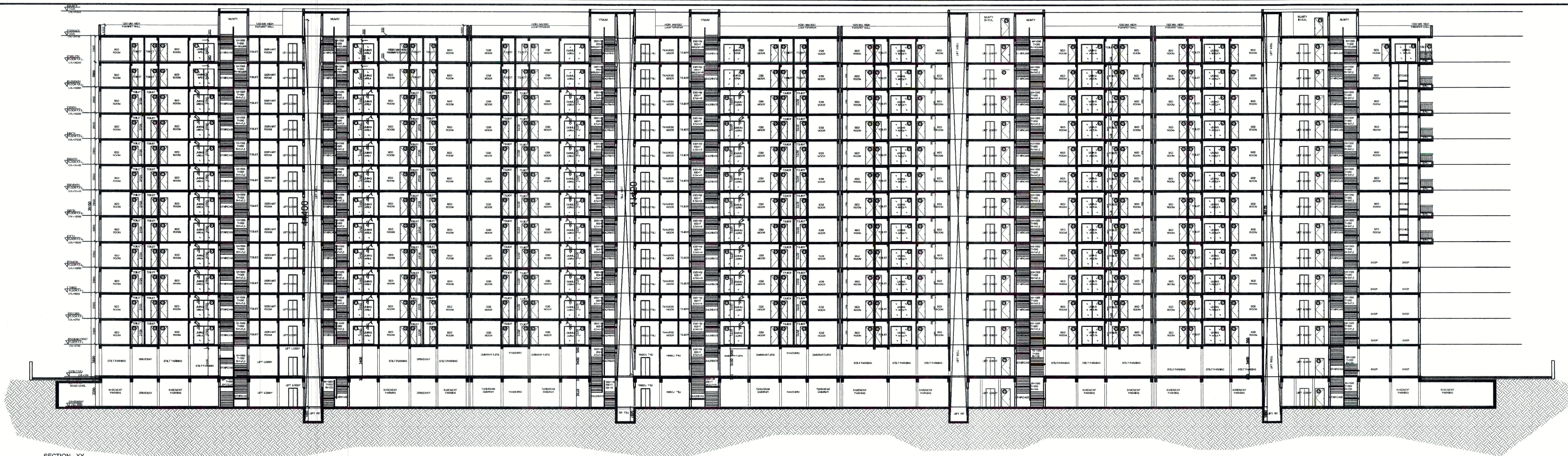
Signature of Architect: *Al Saroj Kumar Singh*
Signature of Structural Engineer: *Dr. Saroj Kumar Singh*

Patna Metropolitan Area Authority
Sanction of Plan Case no. *PMMA/CR/1/2023* dated *28.12.2023* accorded under
Development Control Regulations For Patna
Master Plan 2031 (Byelaws no 8) of Bihar Building
Byelaws 2014 (as amended 2022) on Date *02.09.2024*

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

सहायक नगर योजना पर्यवेक्षक,
पटना महानगर क्षेत्र प्राधिकरण

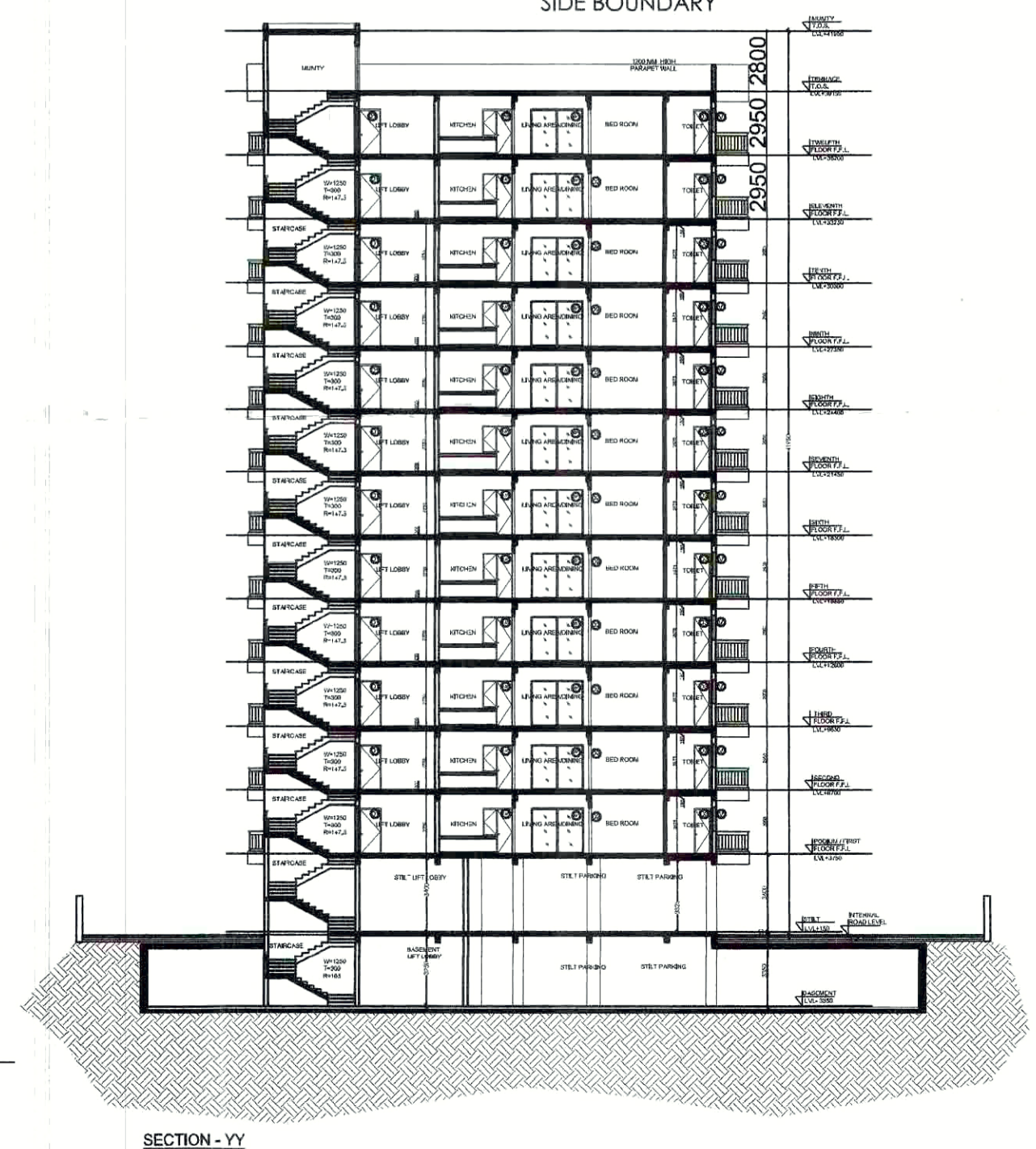
प्रभारी निदेशक,
पटना महानगर क्षेत्र प्राधिकरण



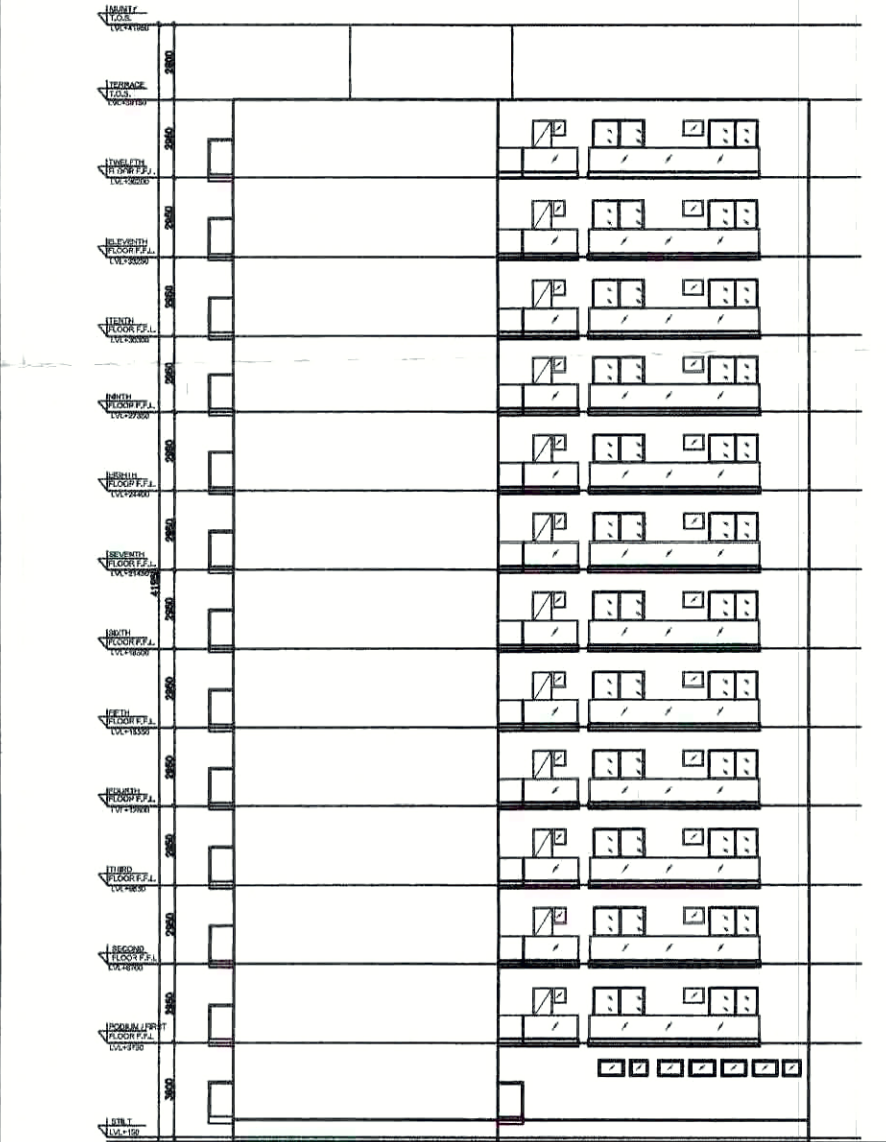
SECTION - XX



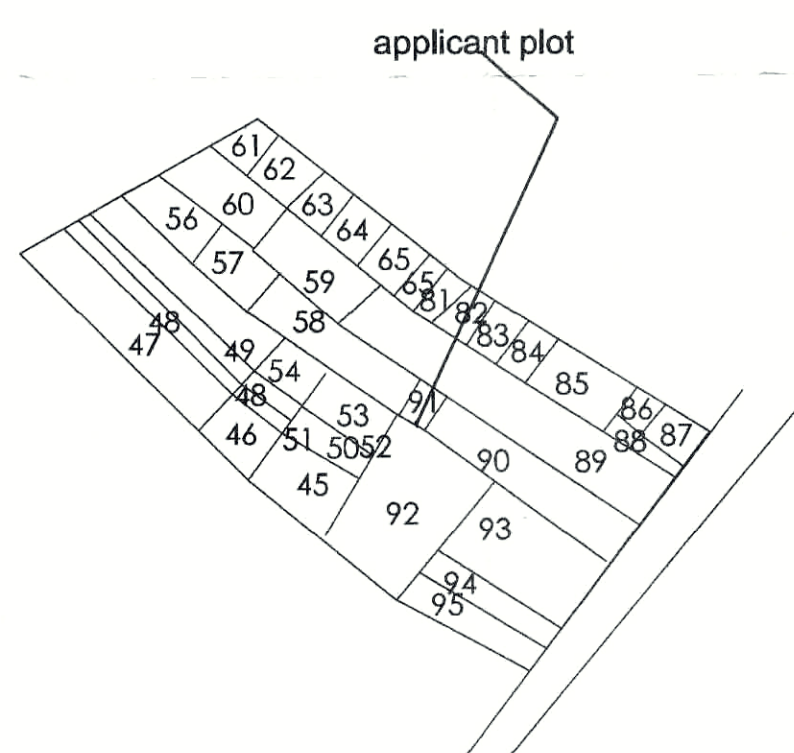
ELEVATION - 01



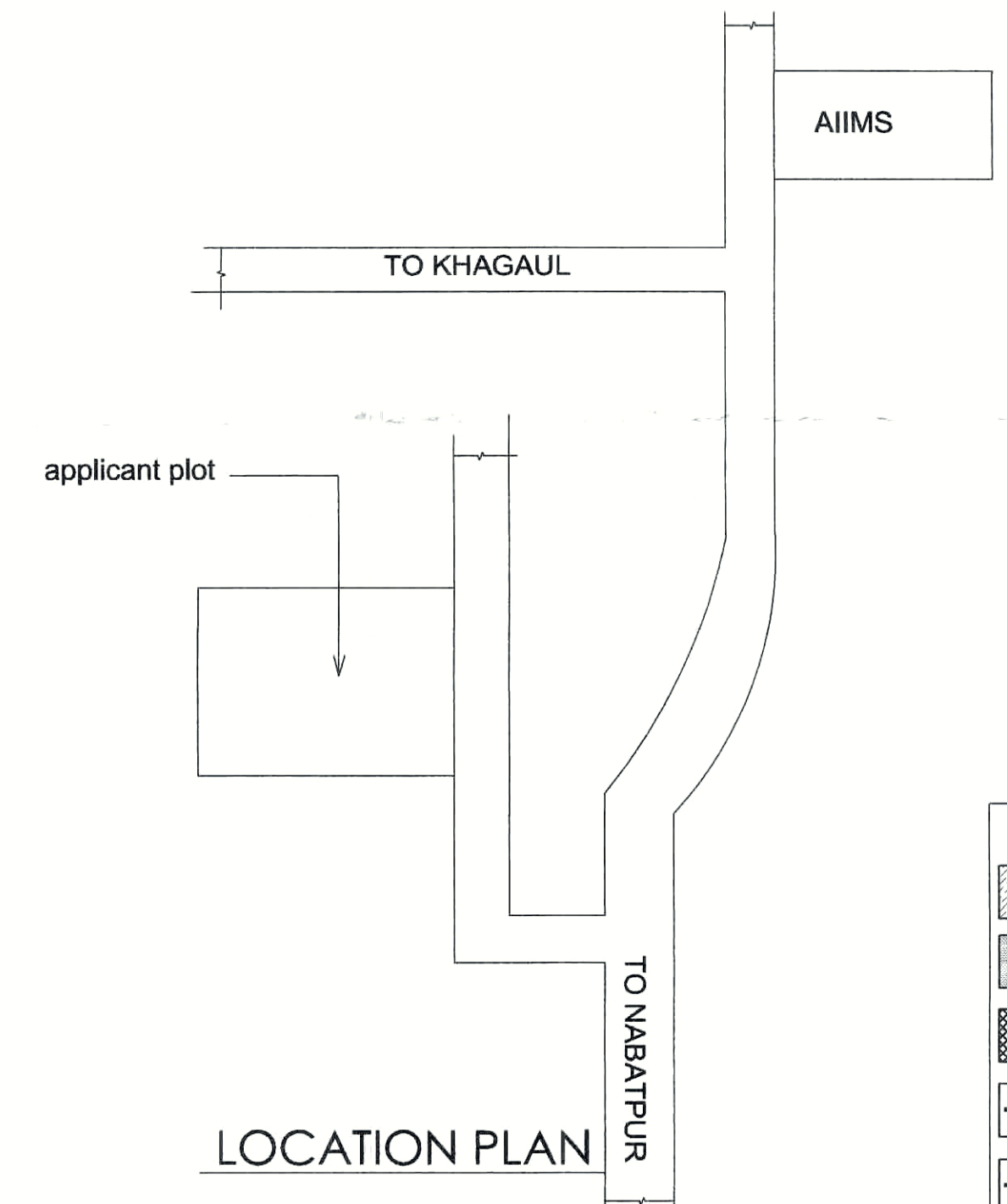
SECTION - YY



ELEVATION - 02



KEY PLAN



LOCATION PLAN

LEGEND	
	F.A.R. AREA
	GREEN AREA
	BALCONY
	BASEMENT LINE
	SETBACK LINE

FIRE LEGEND	
FHC	FIRE HOSE CABINET
UP	UP RIGHT TYPE SPRINKLER
PEND	PENDENT TYPE SPRINKLER
SW	SIDE WALL SPRINKLER
9 LIT.	9 LIT. WATER GAS PRESSURE TYPE FIRE EXTINGUISHER
4.5 kg CO ₂	4.5 kg CO ₂ TYPE FIRE EXTINGUISHER
SLV	SLUICE VALVE
NRV	NON-RETURN VALVE
FIS	FLOW INDICATING SWITCH
ELC	ELECTRICAL CALL POINT SWITCHES FOR THE ALARM SYSTEM.
AS	AREA COVERED WITH AUTOMATIC HEAT SMOKE DETECTOR AS PER I.S.S.
FD	DOUBLE LEAF DOUBLE SWING SELF CLOSING FIRE RESISTING DOOR
H	HOUSE RULES AS PER I.S.S.T.A.C. RECOMMENDATIONS DULY CONNECTED WITH THE WET RISKER SYSTEM.
L	LANDING VALVES AS PER I.S.S.T.A.C. RECOMMENDATIONS DULY CONNECTED WITH THE WET RISKER SYSTEM.
LS	LOUD SPEAKER OUTLETS FOR THE PUBLIC ADDRESS SYSTEM.
M	MICRO PHONE POSITION FOR THE PUBLIC ADDRESS SYSTEM.
FIP	FLOOR INDICATOR PANELS FOR THE AUTOMATIC FIRE ALARM SYSTEM AS PER I.S.S.
W	WATER CO ₂ TYPE PORTABLE EXTINGUISHER OF 9 LITRE CAPACITY.
EL	EMERGENCY LIGHT
SC	SWANSE CONNECTION
DCS	DOWN COVER SYSTEM
EDS	EXIT DIRECTIONAL SIGN.
PC	PORTABLE CHEMICAL B.C.F. EXTINGUISHER OF 3.5 KG CAPACITY.
FW	FIRE FIGHTING WATER COVER HEAD WATER TANK 50,000 LIT.
UG	UNDER GROUND STATE TANK WITH 20000 LTR CAPACITY FOR FIRE.
CP	CAR CHARGING POINT
WR	WRIGHT RISER SYSTEM

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THANA NO. - 40 ,(EWS -41)
THANA - PHULWARI SHARIF,
TAUZI NO. -
DISTRICT. - PATNA, BIHAR

SHEET TITLE:		
SCALE = 1:100 OR Mentioned	NORTH 	DRAWN BY : -
		SHEET NO. - 03
Balprada Build Pvt. Ltd. Managing Director		
SIGNATURE OF OWNER/ FIRM / COMPANY		
 Saroj Kumar Singh CA/2001/27267		 Saroj Kumar Singh CA/2001/27267
SIGNATURE OF ARCHITECT		SIGNATURE OF STRUCTURAL ENGINEER

Patna Metropolitan Area Authority
Sanction of Plan Case no. **101/AA/PRM/PHULWARI SHARIF/B-6+12/59/2023**
dated **22.10.2023** accorded under
Development Control Regulations For Patna
Master Plan 2031 (Byelaws no 8) of Bihar Building
Byelaws 2014 (as amended 2022) on Date. **22.09.2024**

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

सहायक नगर योजना कर्मचारी,
पटना महानगर क्षेत्र प्राधिकरण

प्रभारी निदेशक
पटना महानगर क्षेत्र प्राधिकरण