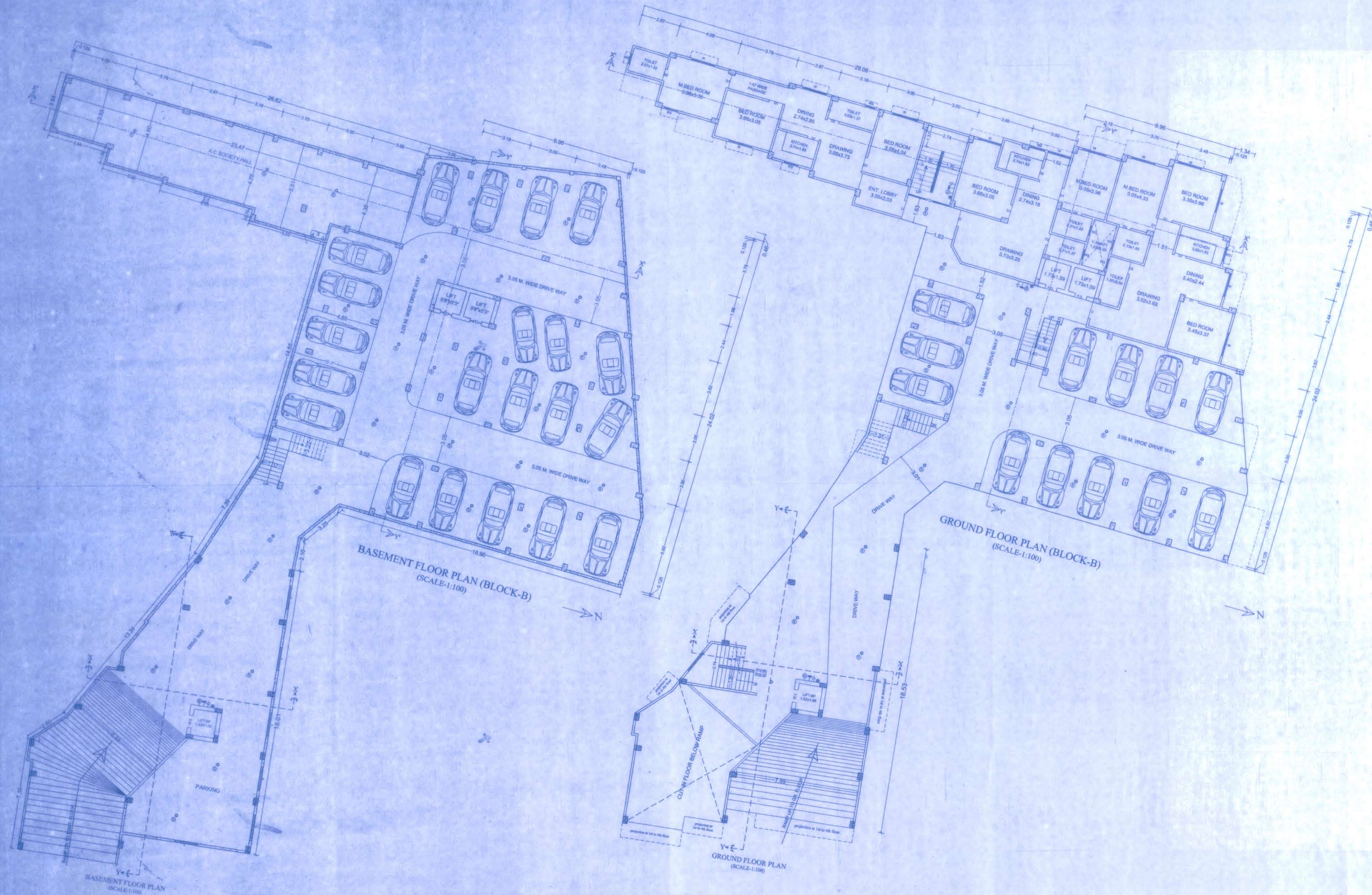




1. FOUNDATION - 15 CM C.C. RAFT FOUNDATION
2. SUPER. STRUCTURE - 15 CM CLASS THICKNESS REINFORCED CONCRETE
3. FLOORING - 025 TH. P. S. FLOORING OVER 15 CM CLASS THICKNESS REINFORCED CONCRETE
4. R.C.C. WORK - SLAB, LINTEL, STAIR BEAM & CHAJJA IN 1:1/2 3 WITH PROPER REIN FOR CEMENT
5. TERRACING - 10TH AVERAGE LIME TERRACING OVER 10TH R.C.C. ROOF SLAB
6. PLASTER - 12 TH CEMENT PLASTER ON BOTH SIDE WALL & 006 CEMENT PLASTER ON CEILING
7. DRAIN - 18 CM WIDE & 30 CM DEEP PUCCA DRAIN ROUND IN THE BUILDING
8. COLOUR - AS PER CHOICE

:- FIRE LEGEND :-

1	UNDER GROUND WATER TANK OF 20000 LTRS. CAP	21 (M) LTRS
2	FIRE RESISTANCE DOOR	FD
3	FIRE HYDRANT SYSTEM	FD
4	HOSE REEL	FD
5	MANUAL CALL ALARM POINT	FD
6	FIRE EXTINGUISHER CO2 TYPE	FD
7	ILLUMINATED EXIT DIRECTIONAL SIGN	EXIT
8	SEAMESE CONNECTION	FD
9	EMERGENCY LIGHTING SYSTEM	FD
10	FIRE SPRINKLER	S
11	SMOKE DETECTOR	SA

PROJECT:-

PROPOSED RESIDENTIAL BUILDING FOR
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THROUGH ITS PARTNER SRI LAXMI PRASAD
S/O- LATE GHURA PRASAD AT MOUZA- PAKRI,
PLOT NO.- 390,391 KHATA NO.- 182, 184
THANA NO.- 31, TAUKI NO.- 2329, 5343,
THANA - BEUR, DIST.- PATNA(BIHAR)

Sealed Region
ER. SHAILESH RANJAN
B.S.C. (Engg.) Civil, M.I.E.
Empanelment No. ER/19/16
Patna Nagar Nigam

SIGNATURE OF ARCH/ENG

Pratik K. Karn
ER. PRATIK K. KARN
STRUCTURAL ENGINEER
Reg. No. 07/STR.E/2015/NPDN
NAGAR PARISHAD DANAPUR, HAZARAT

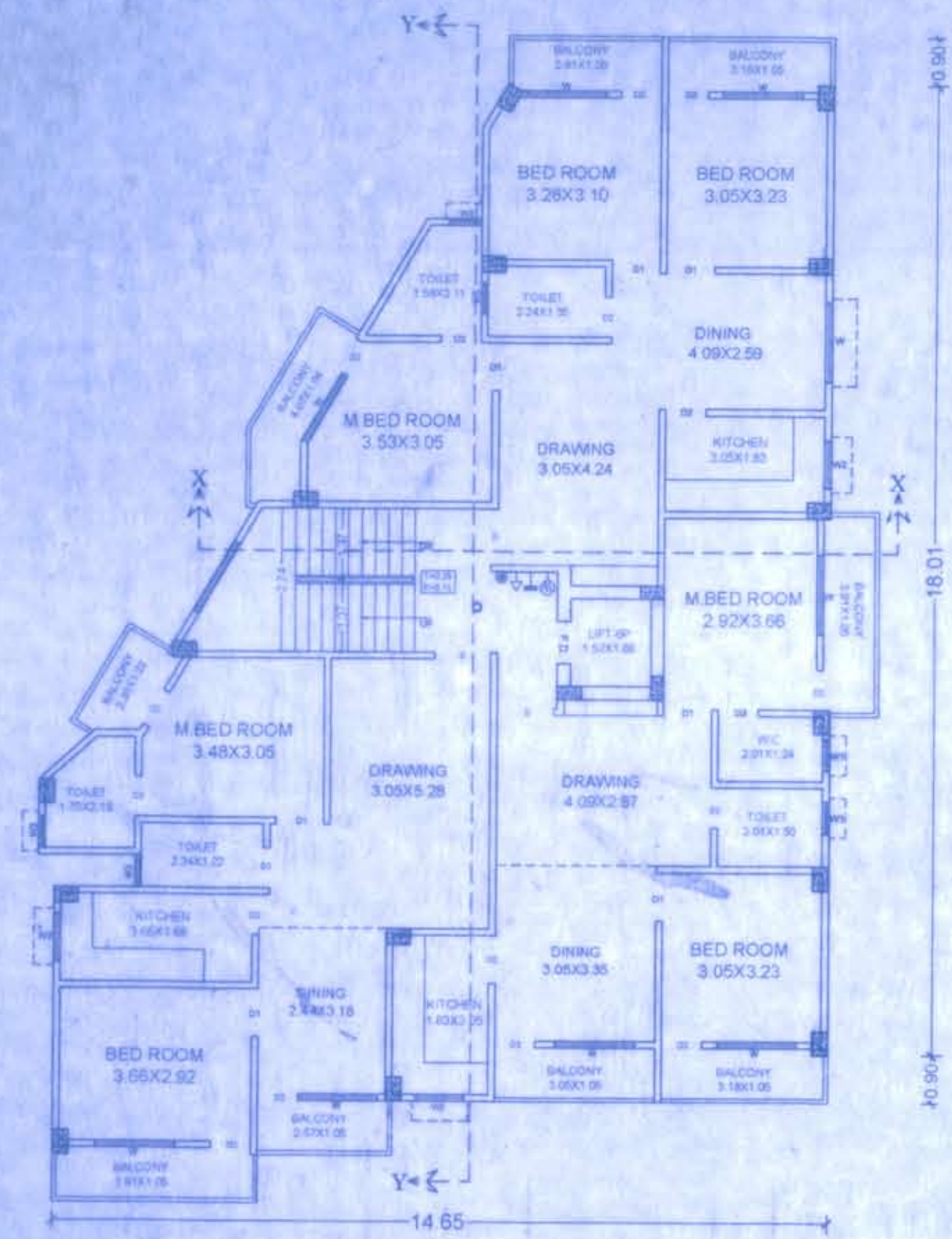
SIGNATURE OF STR. ENG

10/7/18
सहायक अभियंता
पटना महानगर क्षेत्र प्राधिकार

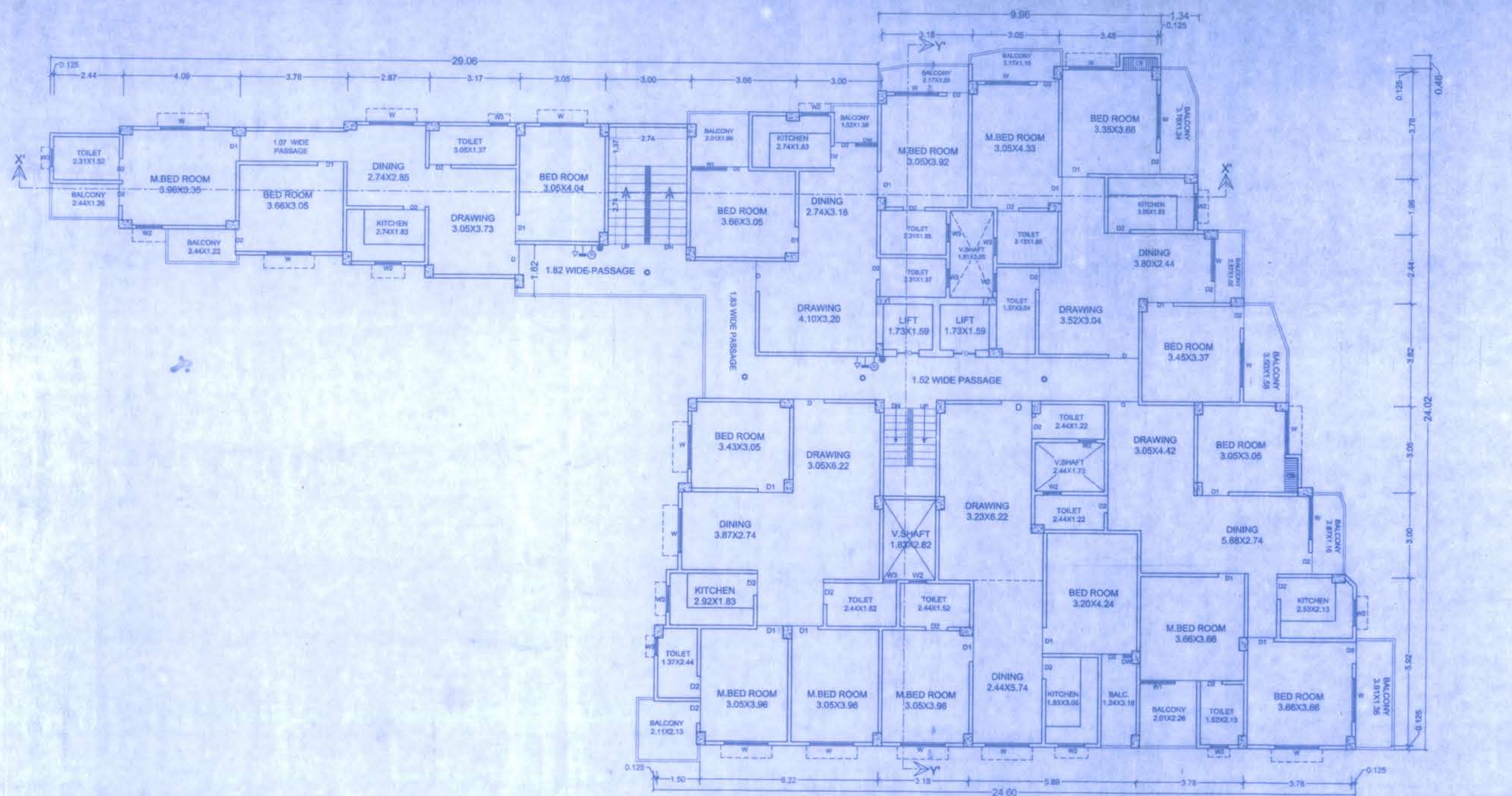
10/7/18
प्रभारी निदेशक
पटना महानगर क्षेत्र प्राधिकार

Patna Metropolitan Area Authority
Sanction of Plan case no. PMAA/ERN/1/Pakri/10/7/18
dated 10/7/18
Development Control Regulations for Patna
Master Plan 2031 (Byelaws no 8(4) of Bihar Building
Byelaws 2014) vide notification no 831/832
dated 28.10.2016 on Date 10/7/18

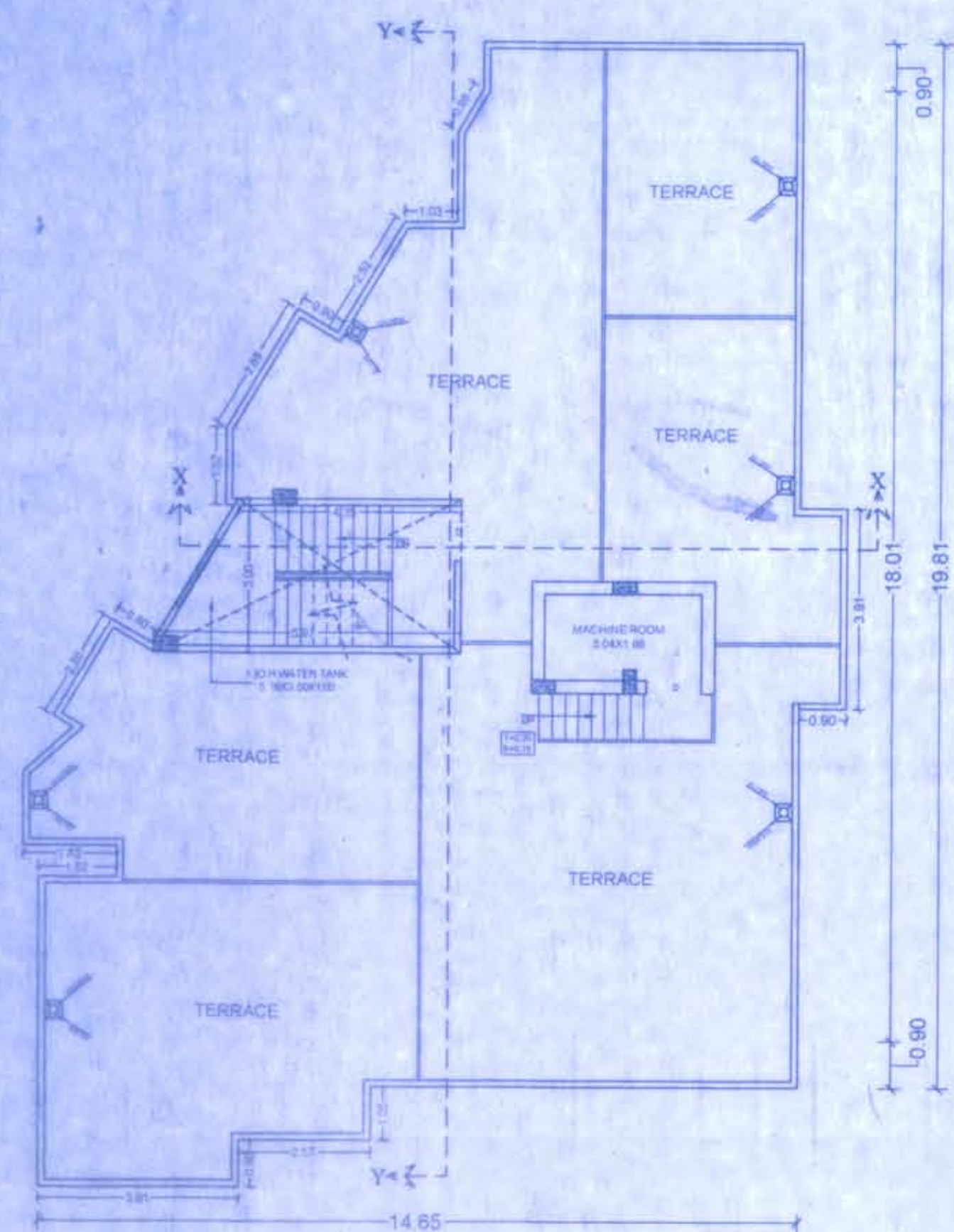
विहार भू-सम्पदा (विनियमन विकास)
नियामक, 2017 के शर्तों के अधीन
राज्य में गठित विनियमन प्राधिकरण
से इस परियोजना का नियंत्रण
अभियंता होगा।



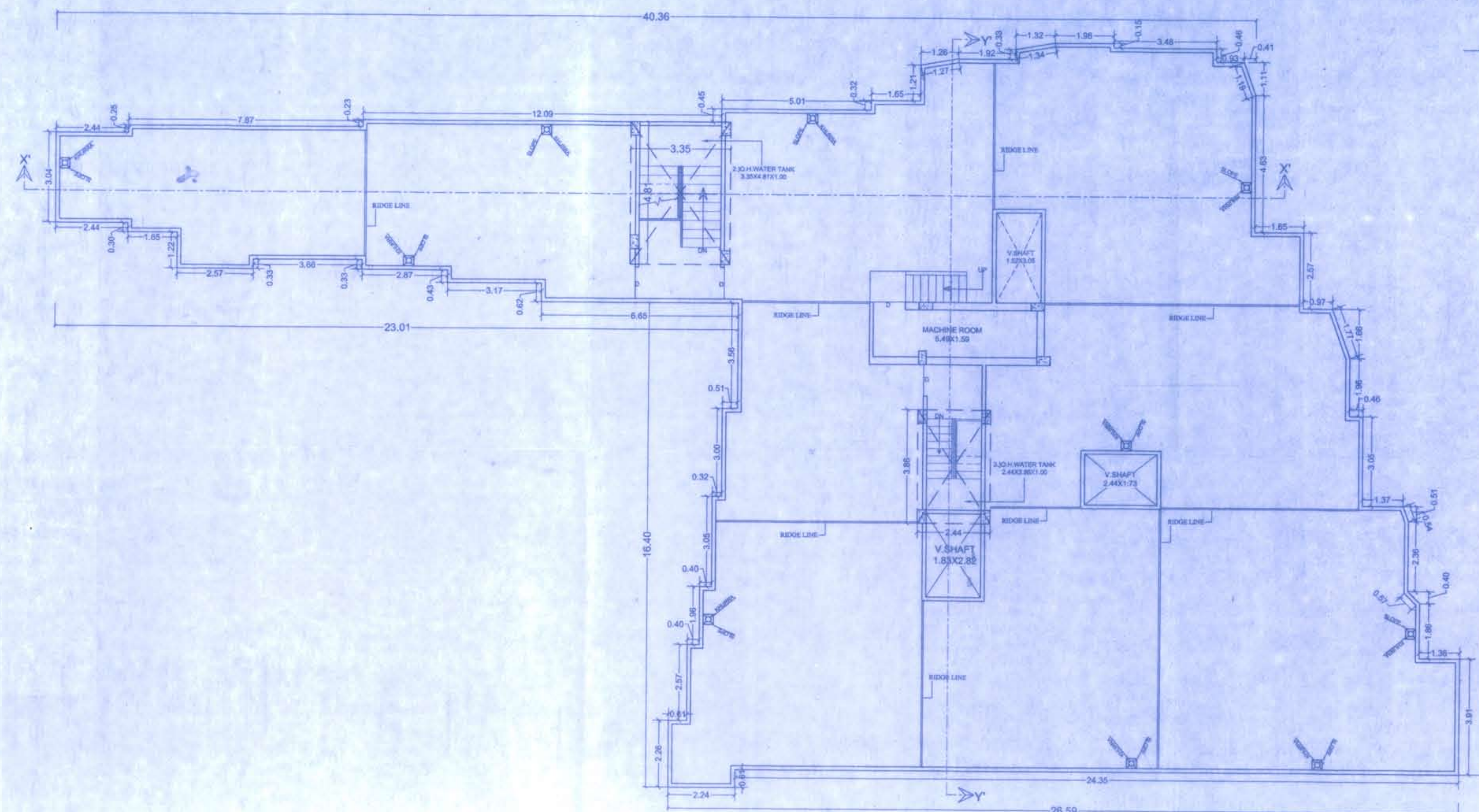
1ST TO 4TH FLOOR PLAN
(SCALE-1:100)



1ST TO 4TH FLOOR PLAN (BLOCK-B)
(SCALE-1:100)



TERRACE PLAN
(SCALE-1:100)



TERRACE FLOOR PLAN (BLOCK-B)
(SCALE-1:100)

PROJECT:-

PROPOSED RESIDENTIAL BUILDING FOR
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PLOT NO.- 390,391KHATA NO.- 182, 184
THANA NO.- 31, TAUKI NO.- 2329, 5343,
THANA - BEUR, DIST.- PATNA(BIHAR)

ER. SHAILESH RANJAN
B.SC. (Engg.) Civil, M.T.E.
Empalment No.-ER/18/16
Patna Nagar Nigam

SIGNATURE OF ARCH/ENG

ER. PRATIK KR. KARN
STRUCTURAL ENGINEER
Reg. No. 477/STR.E/2015/INDN
NAGAR PARISHAD DANAPUR, HAZARAT

SIGNATURE OF OWNER

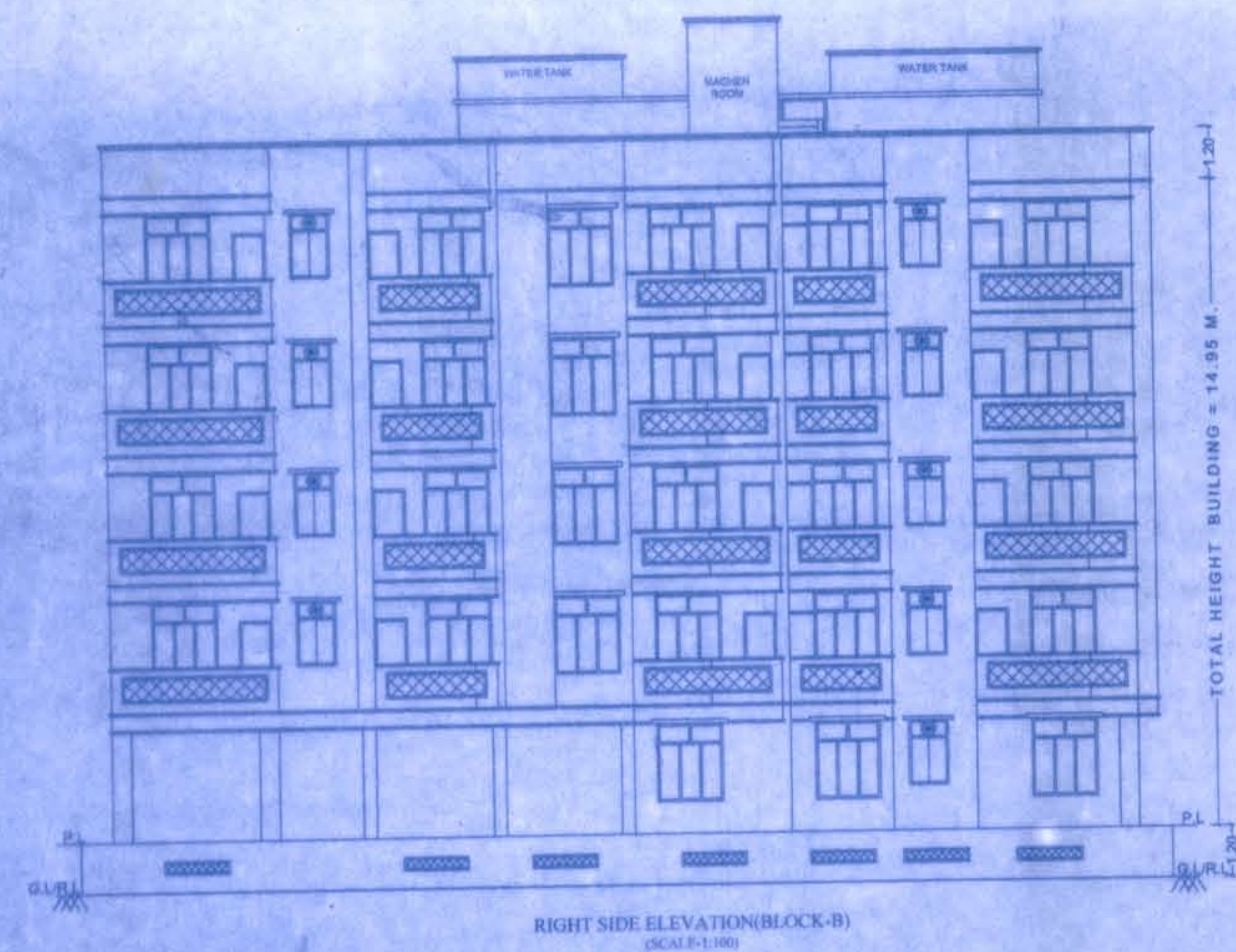
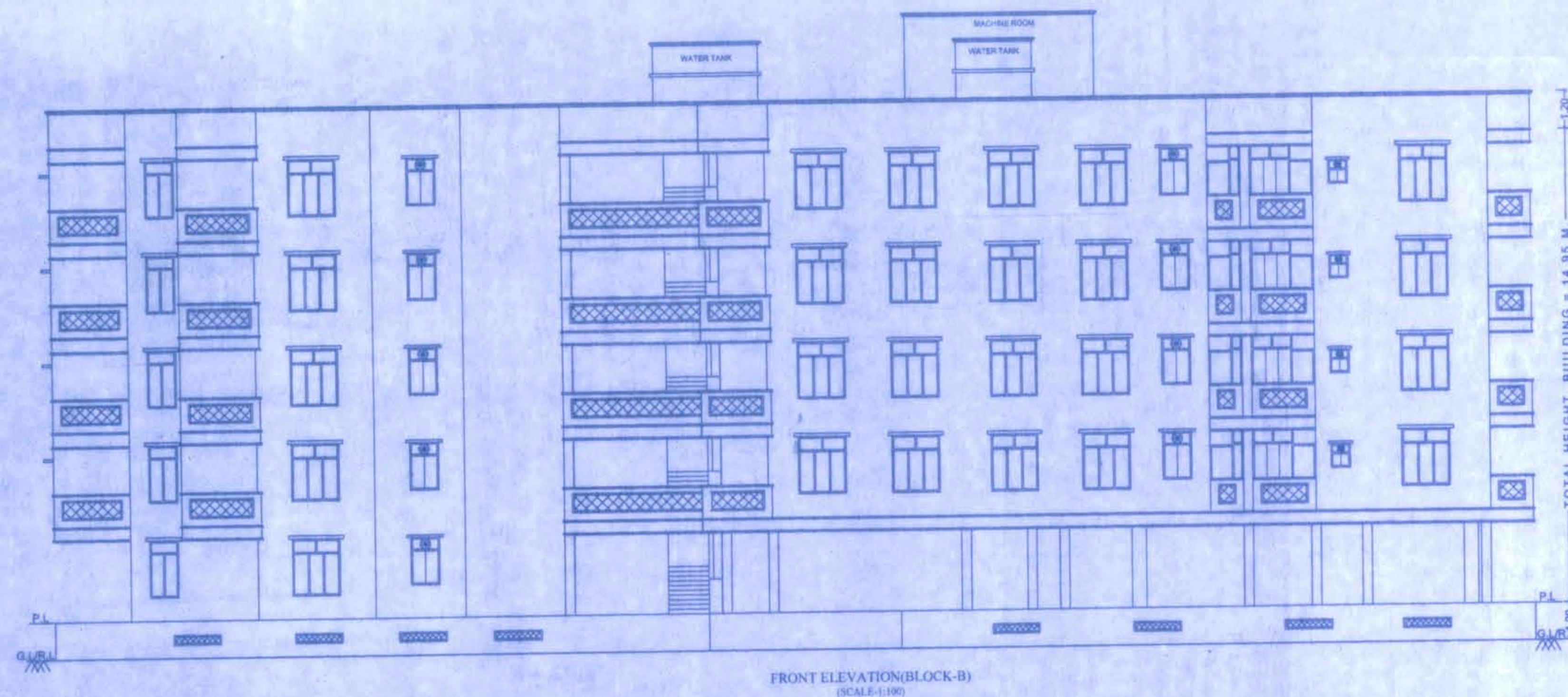
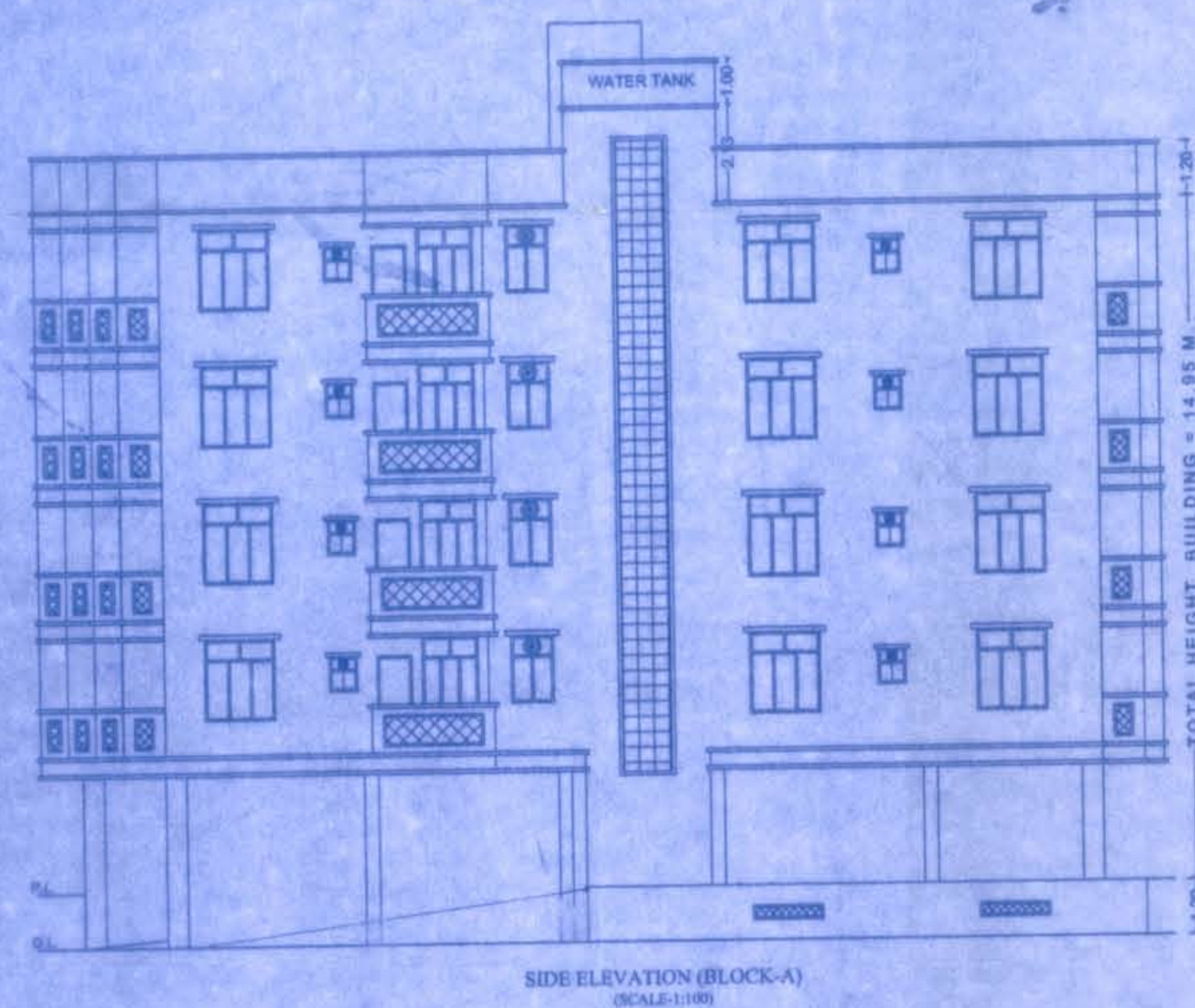
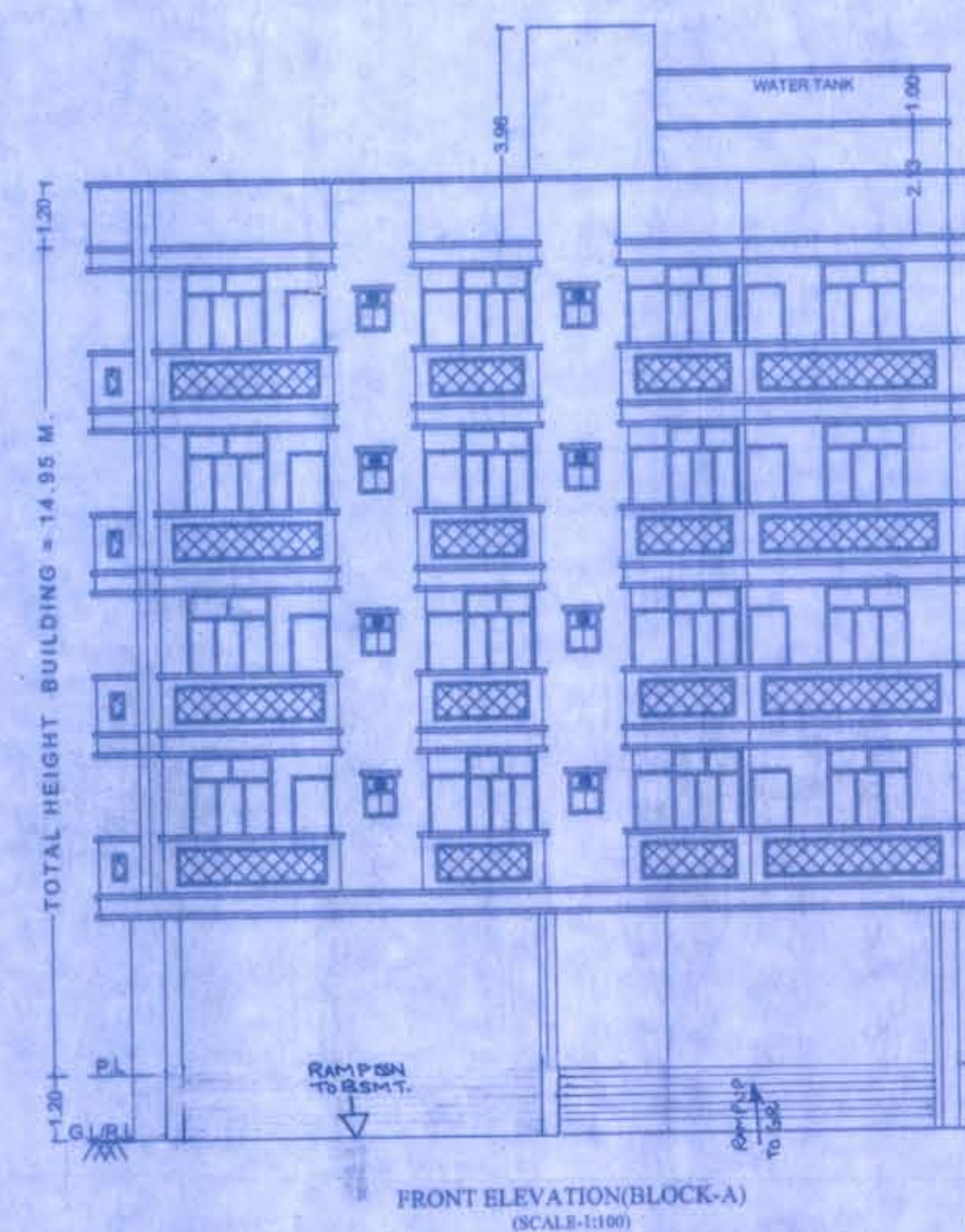
सहायक अभियंता
पटना महानगर क्षेत्र प्राधिकार

SIGNATURE OF STR. ENG

प्रभारी निदेशक
पटना महानगर क्षेत्र प्राधिकार

Patna Metropolitan Area Authority
Sanction of Plan case no. PMAA/PRN/Pakri/Phulokani/CH-104/03/2017
dated 25.11.2017
Development Control Regulations for Patna
Master Plan 2031 (Byelaws no 8/4) of Bihar Building
Byelaws 2014) vide notification no 831/832
dated 28.10.2016 on Date...18.05.2018

बिहार भू-सम्पदा (विलियमन विकास)
नियामक, 2017 के शर्तों के अधीन
राज्य में नष्ट विलियमन प्राधिकरण
से इस परियोजना का निवेदन
अनिवार्य होगा।



PROJECT:-

**PROPOSED RESIDENTIAL BUILDING FOR
SRI MATESHWARI CONSTRUCTION**
THROUGH ITS PARTNER SRI LAXMI PRASAD
S/O- LATE GHURA PRASAD AT MOUZA- PAKRI,
PLOT NO.- 390,391KHATA NO.- 182, 184
THANA NO.- 31, TAUZI NO.- 2329, 5343,
THANA - BEUR, DIST - PATNA (BIHAR)

Shailosh Rayan
Er. Shailosh Rayan
B.Sc. (HONOR), M.E.
Enrollment No. ER/978
PATNA NAGAR, NIGAMI

SIGNATURE OF ARCH/EN

Profile K. Karan
ER. PRATIK KR. KAR
 STRUCTURAL ENGINEER
 Reg. No.-07/STR.E/2015/N
 NAGAR PARISHAD DANAPUR MZ

SIGNATURE OF OWNER

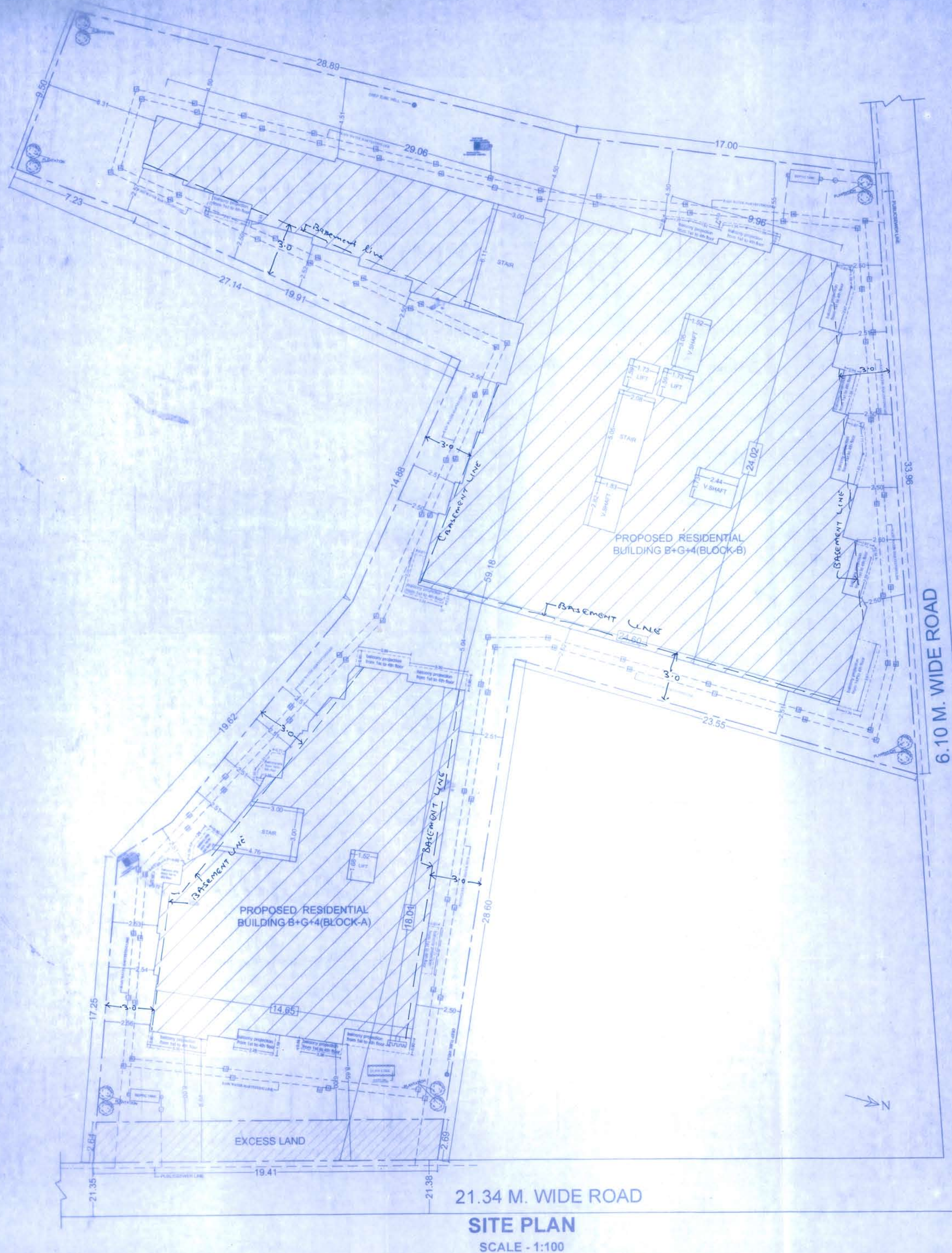
SIGNATURE OF STR. ENG.

सहायक अभियंता
पटना महानगर क्षेत्र प्राधिकार

प्रभारा निदेशक
पटना महानगर क्षेत्र प्राधिकार

Patna Metropolitan ~~Area~~ City
Sanction of Plan case no. 09044/P.R.N. / Pskr
dated: 25.11.2017 / Pskr / 04/04/2020
Development Control Regulations for Patna
Master Plan 2031 (Byelaws no 8(4) of Bihar Building
Byelaws 2014) vide notification no 831/832,
dated 28.10.2016 on Date: 18.05.2018

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



RAIN WATER HARVESTING CALCULATION

TOTAL PLOT AREA = 1581.32 SQ.M
RECHARGE PIT CAPACITY @ 6 CUM
FOR 100 SQ.M.SQ, 1581.32 SQ.M.
REQUIRED RECHARGE PIT AREA
= 15.81X6 = 94.86 CUM
RECHARGE PIT SIZE PROVIDED
= 1.) 3.50X2.00X4.00 = 28.00 CUM
= 2.) 6.00X3.00X4.00 = 72.00 CUM

TOTAL = 100.00 CUM

IMP. NOTE:-

- * CAUSING OF IRREGULAR SHAPE OF PLOT TAKING WEIGHTED WIDTH OF PLOT
- * WEIGHTED WIDTH = $\frac{\text{TOTAL PLOT AREA}}{\text{MAXIMUM DEPTH OF PLOT}}$
= $\frac{1532.77\text{Sq.m}}{59.18}$
= 27.589 Mtrs.

SO, AVERAGE WIDTH OF THE PLOT = 27.59 Mtrs.

WATER TANK CALCULATION.
<p>NOS. OF FLAT (BLOCK- A) = 12</p> <p>NOS. OF FLAT (BLOCK- B) = 27</p> <p>TOTAL NOS OF FLAT = 39</p> <p>ASSUME 5 PERSONS /FLAT REQ. $39 \times 5 = 195$</p> <p>TOTAL NOS OF PERSON = 195</p> <p>ADD 20 % EXTRA = 234 PERSON</p> <p>ASSUME 135 LTR. WATER CONSUMPTION/PER /DAY</p> <p>= $234 \times 135 + 5000$ (FOR FIRE FIGHTING)</p> <p>= 36590 lit = 36.59 Cum</p> <p>TOTAL SIZE OF WATER TANK PROVIDED</p> <p>1) $5.61 \times 3.40 \times 1.00$ (BLOCK-A) = 18.79 CUM</p> <p>2) $5.61 \times 3.40 \times 1.00$ (BLOCK-B) = 16.11 CUM</p> <p>3) $5.61 \times 3.40 \times 1.00$ (BLOCK-B) = 9.42 CUM</p> <p>TOTAL = 44.32 CUM</p>
SEPTIC TANK CALCULATION.
<p>NOS. OF FLAT (BLOCK- A) = 12</p> <p>NOS. OF FLAT (BLOCK- B) = 27</p> <p>TOTAL NOS OF FLAT = 39</p> <p>ASSUME 5 PERSONS /FLAT REQ. $39 \times 5 = 195$</p> <p>TOTAL NOS OF PERSON = 195</p> <p>ADD 20 % EXTRA = 234 PERSON</p> <p>CAPACITY OF SEPTIC TANK FOR 234 PERSON</p> <p>@ 0.085 CUM / PERSON / DAY</p> <p>$234 \times 0.085 = 19.89$ CUM</p> <p>PROVIDED SIZE OF SEPTIC TANK- 2 NOS.</p> <p>= $3.00 \times 2.00 \times 2.00 = 12.00 \times 2 = 24$ CUM</p>

TYPE	WIDTH	HEIGHT	SILL	LEV	LINE	LEV	REMARKS
D	1.07	2.13	0.00	2.13			PAL PINKWOODS
D1	0.91	2.13	0.00	2.13			DO
D2	0.78	2.13	0.00	2.13			DO
W I N D O W S							
W	1.52	1.78	0.76	2.13			FULLY GLAZED WINDOW
W1	1.22	1.78	0.78	2.13			DO
W2	0.81	1.78/1.47	0.78/1.07	2.13			DO
W3	0.61	0.78	1.37	2.13			DO

AREA CALCULATION

TOTAL PLOT AREA (AS/DEED) _____

TOTAL PLOT AREA (AS/POSSESSION) _____ **1632.46 Sqm.**

AREA LEFT FOR EXCESS LAND _____ **51.14 Sqm.**

NET PLOT AREA _____ **1581.32 Sqm.**

BASEMENT FLOOR B/U AREA (BLOCK-A &B) _____ 138.24 Sqm.

GROUND FLOOR B/U AREA (BLOCK- A & B) _____ 303.60 Sqm.

BLOCK - A :-

FIRST FLOOR B/U AREA _____ **266.77 Sqm.**

SECOND FLOOR B/U AREA _____ **266.77 Sqm.**

THIRD FLOOR B/U AREA _____ **266.77 Sqm.**

FOURTH FLOOR B/U AREA _____ **266.77 Sqm.**

BLOCK - B :-

FIRST FLOOR B/U AREA _____ **583.64 Sqm.**

SECOND FLOOR B/U AREA _____ **583.64 Sqm.**

THIRD FLOOR B/U AREA _____ **583.64 Sqm.**

FOURTH FLOOR B/U AREA _____ **583.64 Sqm.**

TOTAL B/U AREA _____ 3843.48 Sqm.

F.A.R. = 2.430

PARKING CALCULATION

TOTAL B/U AREA = 3843.48 Sqm.

PARKING AREA REQUIRED (AS/TABLE NO-19, S.No-3) @ 25% = 960.87 Sqm.

CAR PARKING AREA PROVIDED AT COVERED

BASEMENT FLR.(BLOCK- A & B) = 732.16 Sqm
CAR PARKING AREA PROVIDED AT COVERED
GROUND FLR.(BLOCK- A & B) = 473.14 Sqm
TOTAL PARKING AREA PROVIDED
= 732.16 + 473.14 = 1205.30 Sqm.

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PLOT NO.- 390,391KHATA NO.- 182, 184
THANA NO.- 31, TAUKI NO.- 2329, 5343,
THANA - BEUR, DIST- PATNA(BIHAR)**

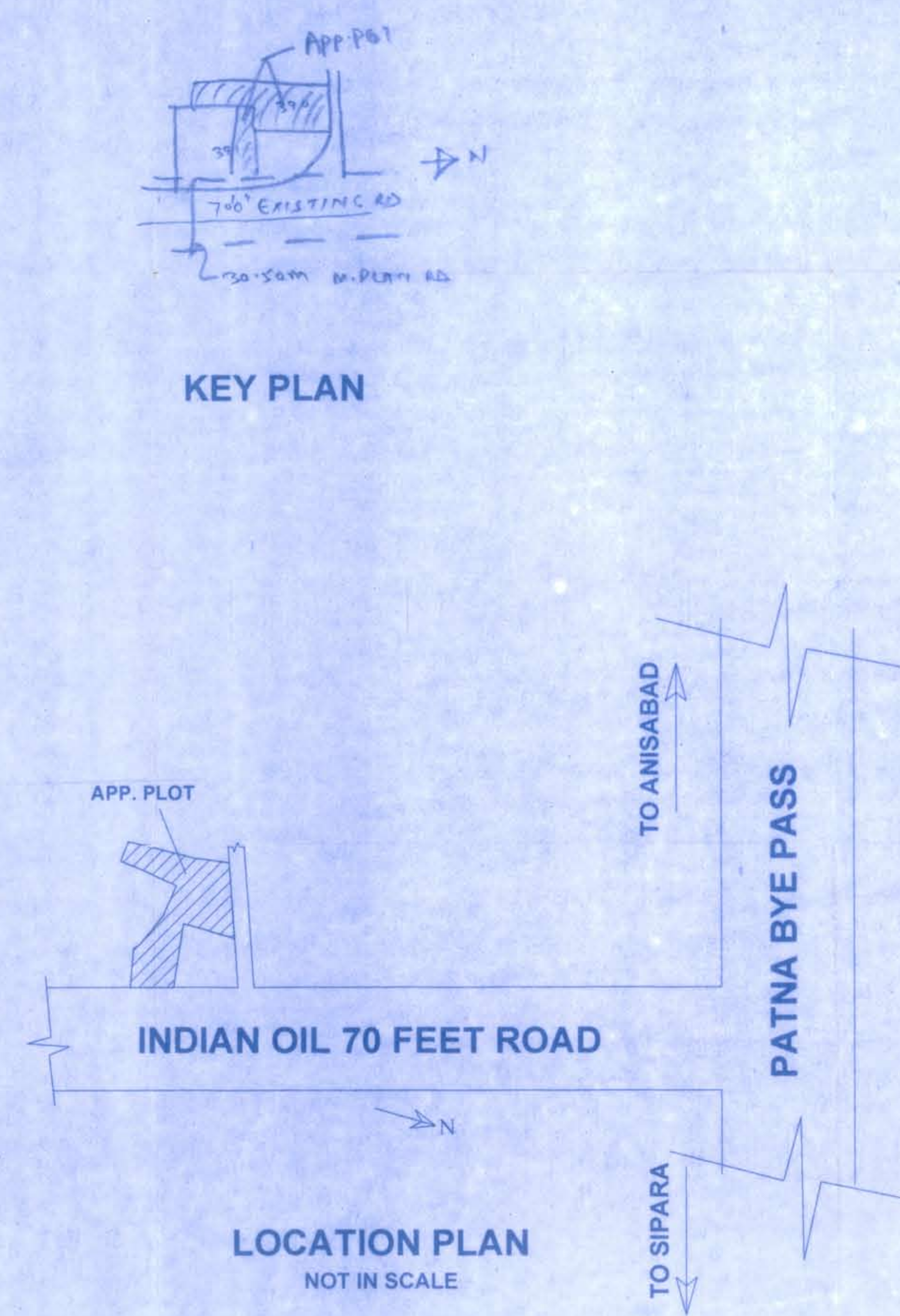
	<p><i>Shailesh Ranjan</i> ER. SHAILESH RANJAN B.Sc. (Engg.) Civil, M.I.E Empalement No. ER/19/K Patna Nagar Nigam</p>
	<p>SIGNATURE OF ARCH-ENG</p> <p><i>Pratik K. Karm</i> ER. PRATIK K. KARM STRUCTURAL ENGINEER Reg. No.-07/STR.E/2015/NPDN NIGAR PARISHAD DWAPUR NIZAMAT</p>
<p>SIGNATURE OF OWNER</p>	<p>SIGNATURE OF STR. ENG</p>

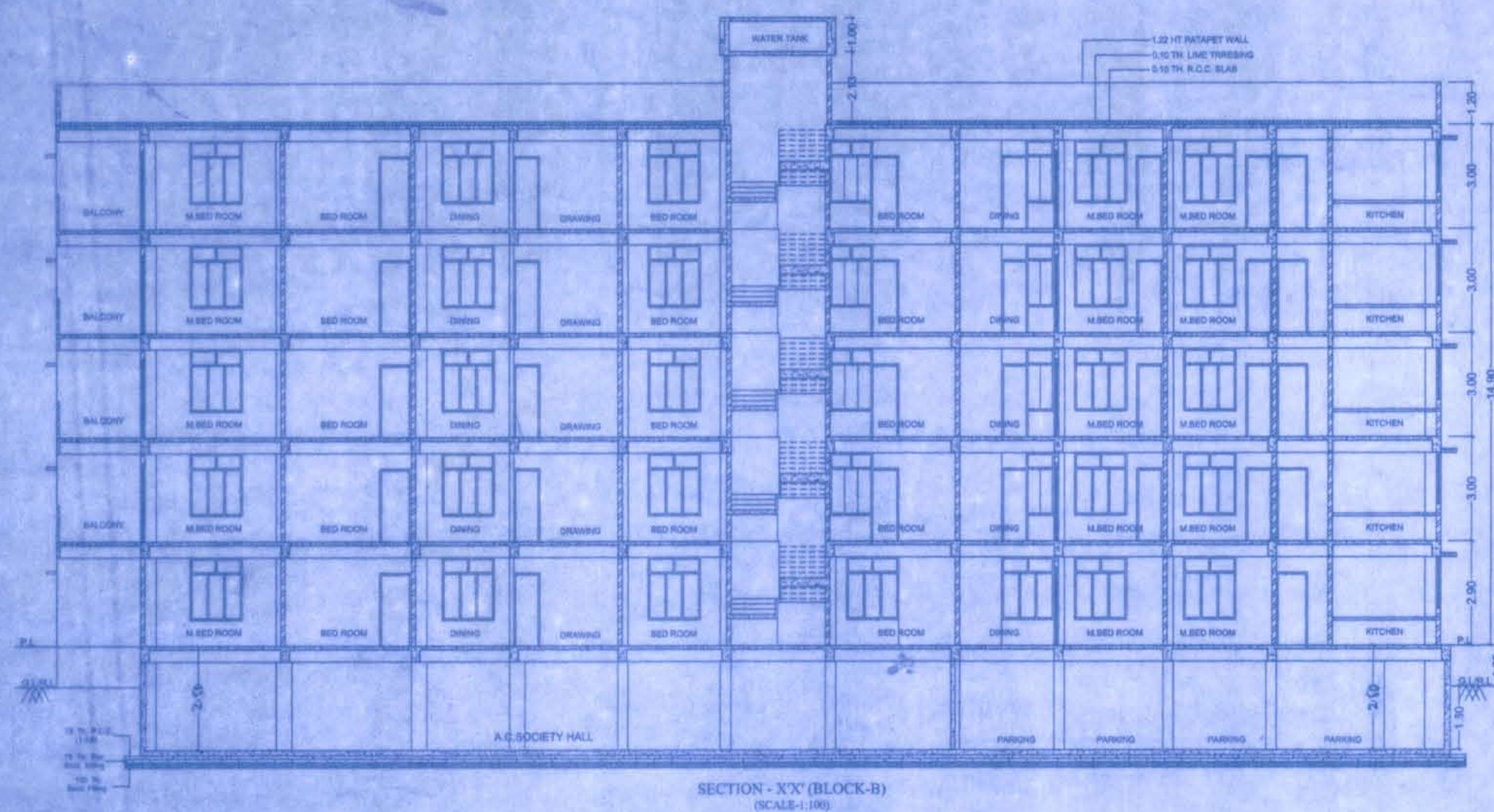
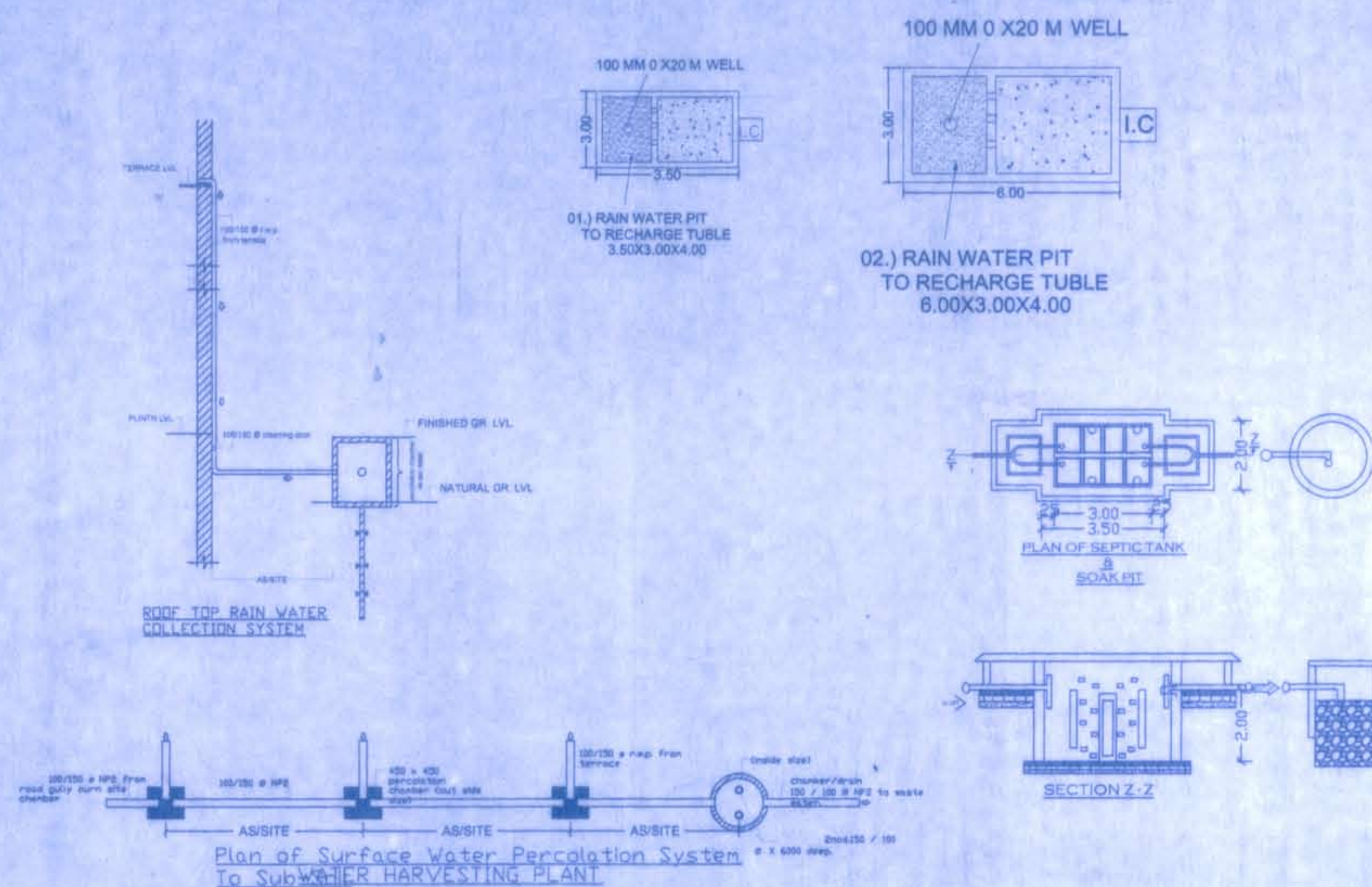
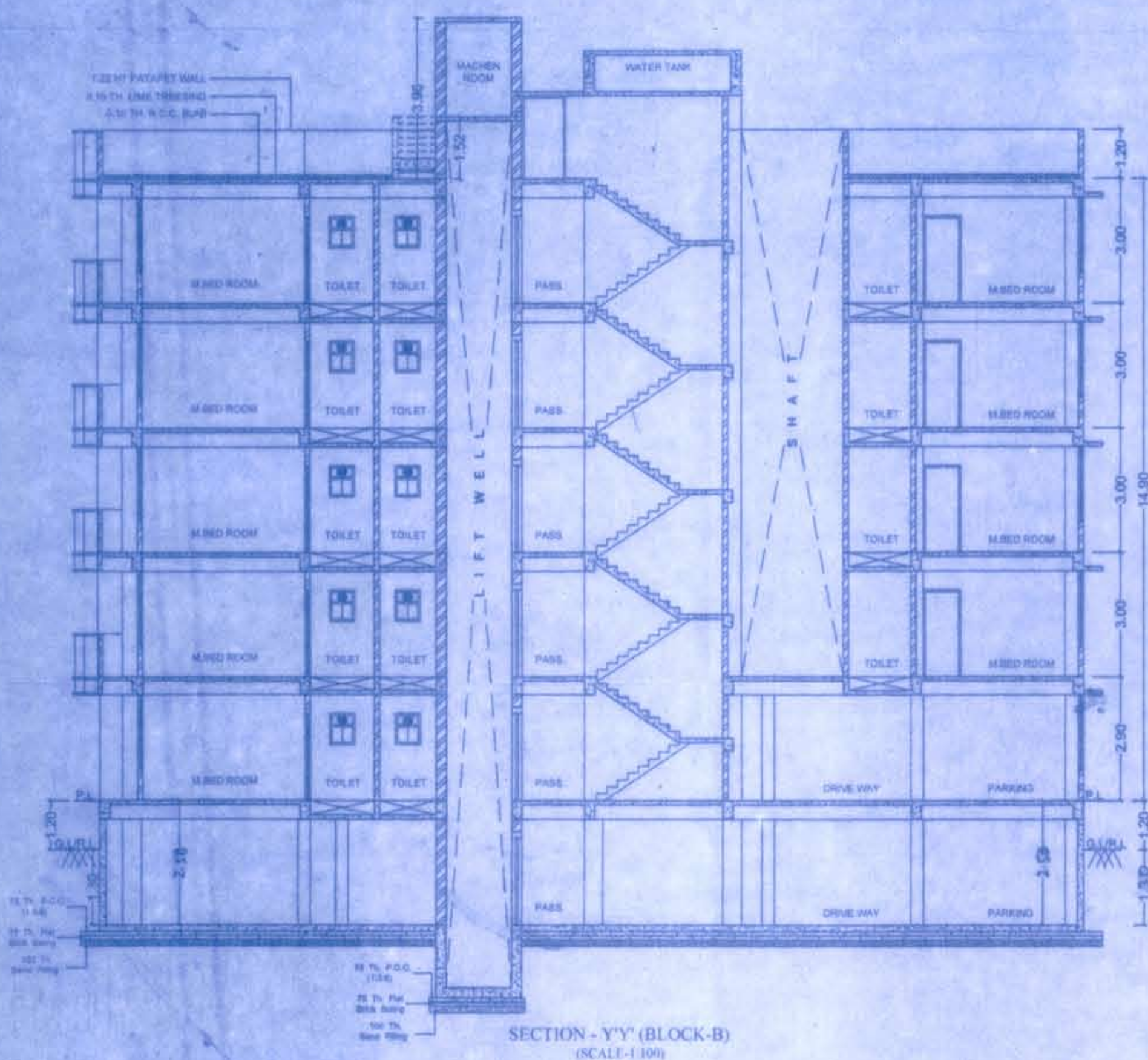
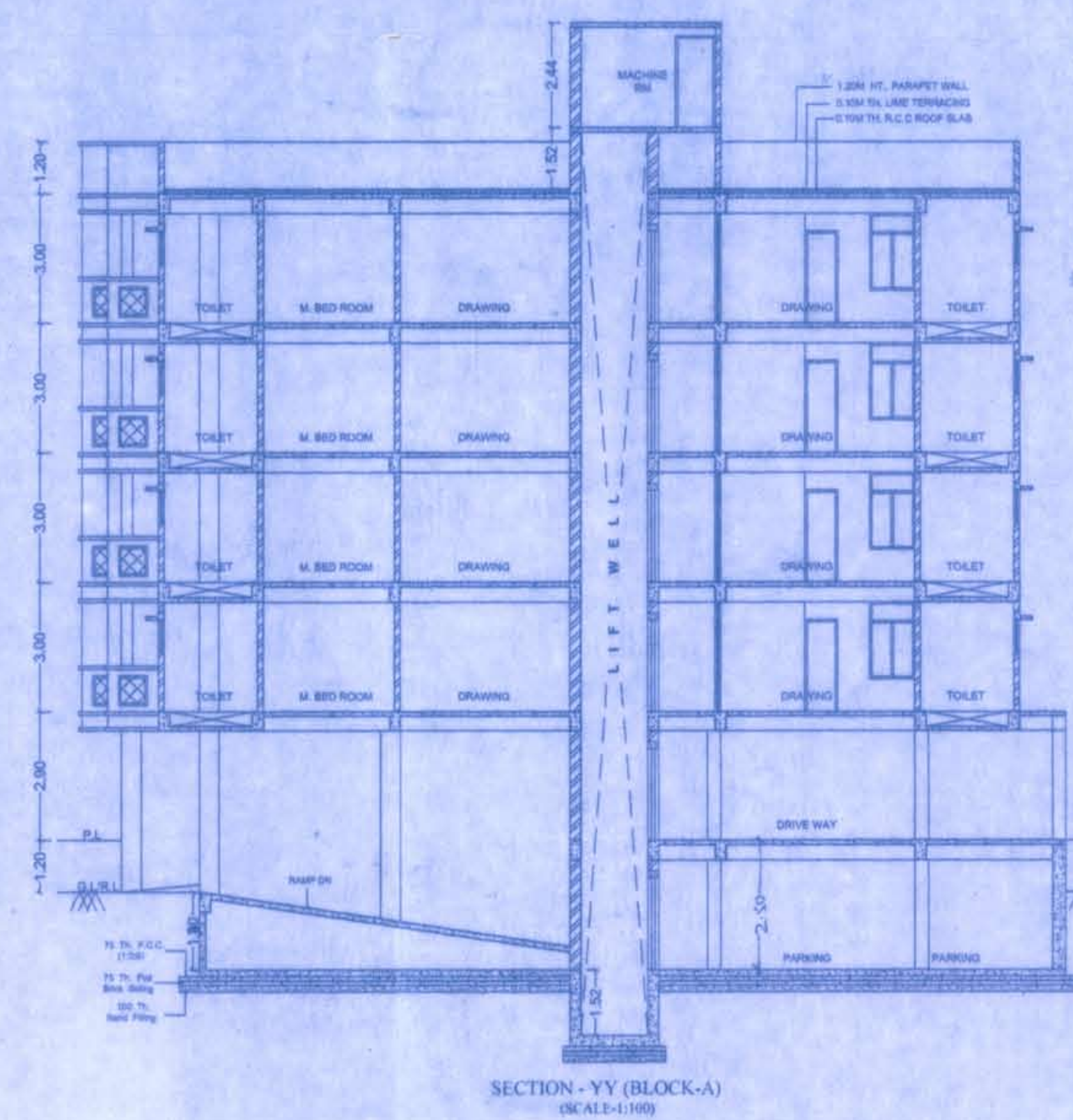
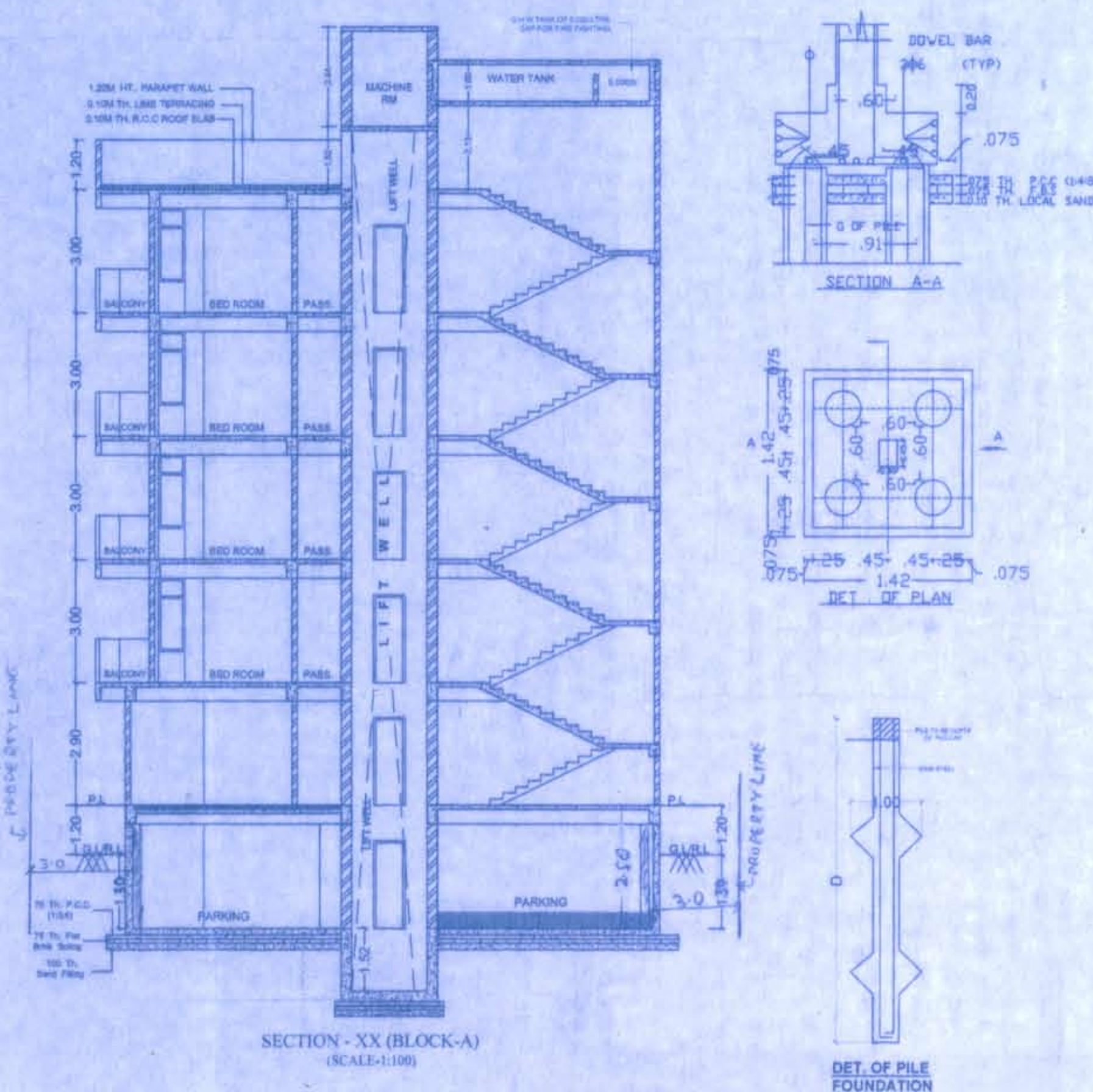
०३/१८
 सहायक अभियंता
 पटना महानगर क्षेत्र प्राधिकार

०३/१८
 प्रभारित निदेशक १०७-१८
 पटना महानगर क्षेत्र प्राधिकार

F.ina Metropolitan Area Authority
Sanction of Plan case no. PMMA/PPN/Pakur/18/2016 / 644/04
25.11.2016
Development Control Regulations for Patna
By-law Plan 2031 (Byelaws no 9(4) of Bihar Building
Byelaws 2014) vide notification no 831/332
Dated 23.10.2016 on Date 18.05.2017

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





PROJECT:-

PROPOSED RESIDENTIAL BUILDING FOR
SRI MATHESHWARI CONSTRUCTION
THROUGH ITS PARTNER SRI LAXMI PRASAD
S/O- LATE GHURA PRASAD AT MOUZA- PAKRI,
PLOT NO.- 390,391 KHATA NO.- 182, 184
THANA NO- 31, TAUKI NO.- 2329, 5343,
THANA - BEUR, DIST- PATNA (BIHAR)

Shafiqul Raza
Er. Shafiqul Raza
(B.Sc. (Engg.) M.E.
Employment No. 521978
D/THA NAGAR NAGAR

SIGNATURE OF ARCH/ENG

ER. PRATIK KR. KARN
STRUCTURAL ENGINEER
Reg. No.-07/STR.E/2015/NPD
DAR PARISHAD DANAPUR NIZAM

SIGNATURE OF OWNER _____

SIGNATURE OF STR. ENG.

7/2/18
सहायक अभियंता
पटना महानगर क्षेत्र प्राधिकार

प्रभाषी निदेशक
पटना महानगर क्षेत्र प्राधिकार

Patna Metropolitan Area Authority
Sanction of Plan case no. PMAA/PRN/Patna
dated: 25.11.2017 Physician / Bt/107/32/2017
Development Control Regulations for Patna
Master Plan 2031 (Byelaws no 84) of Bihar Building
Byelaws 2014) vide notification no 831/832
dated 28.10.2016 on Date: 18.05.2012.....

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