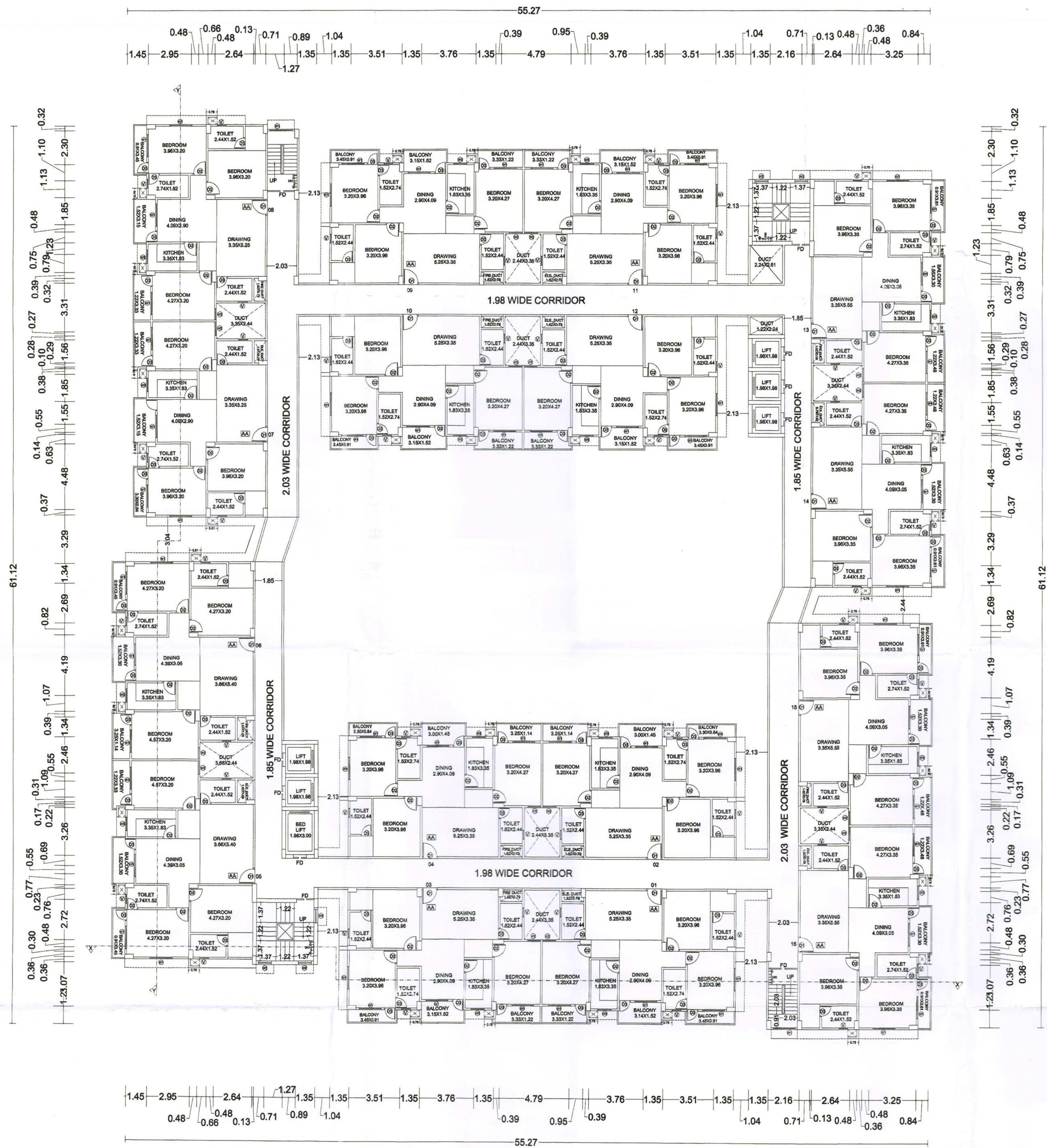




FIRST-SEVENTH FLOOR PLAN
TOWER-03

SEPTIC TANK CALCULATION

TOTAL NOS. OF OCCUPANT 560 PERSONS
REQUIREMENT OF SEPTIC TANK FOR 560 PERSONS
@ 0.087 CUM. PER PERSONS PER DAY = 560 X 0.087 = 48.72 CUM
DETAIL SIZE OF SEPTIC TANK -
L. 3.50 X W. 2.50 X H. 1.50 X 4 = 52500 LITRE = 52.50 CUM

RAIN WATER HARVESTING CALCULATION

TERRACE AREA = 2230.05 SQ. MT.
REQUIRED WATER HARVESTING CAPACITY 6 CUM FOR 100 SQ.MT.
TERRACE AREA, TOTAL TERRACE = 2230.05 SQ.MT.
REQUIRED WATER HARVESTING= 2230.05 x 6/100 = 133.80 CUM.
PROVIDED RAIN WATER HARVESTING SIZE & NOS. (AS PER CALCULATION) :-
SIZE - 3M DIA & 3M DEPTH
TOTAL NOS. OF RECHARGE WELL - 7 NOS.
TOTAL VOLUME = 3.00 X 1.5 X 1.5 X 3.14 X 7 CUM = 148.37 CUM.

SPECIFICATIONS

- (1) FOUNDATION :- R.C.C. U/R GROUP PILE FOUNDATION/RAFT/ ISOLATED AS/STRUCTURE DESIGN
- (2) SUPER STRUCTURE :- 1ST. CLASS BRICK WORK IN SUPER STRUCTURE WITH CEMENT MORTAR
- (3) PLINTH :- HEIGHT P. LEV. & G. LEV. AS SHOWN IN SECTION.
- (4) FLOORING :- 25mm TH. MOSAIC FLOORING OVER 125mm TH. DRY RAMMED KHOA OVER 75mm TH. B. F. S. OVER SAND FILLING.
- (5) DOORS :- CHOKHATS OF DOOR TO BE GALV. CORRUG. S
- (6) WINDOWS :- ALL WINDOWS TO BE FULLY GLAZED IN STEEL
- (7) ROOF :- 100mm TH. R.C.C. SLAB, 100mm TH. AVG. LIME TERRACING OVER.
- (8) PLASTER :- 12mm TH. CEMENT PLASTER ON BOTH SIDE OF WALL
- (9) COLOUR :- COLOUR OR WHITE WASH AS CHOICE

DOORS & WINDOWS SCHEDULE

SL.NO	SYMBOL	WIDTH	HEIGHT	SILL LEVEL	LINTEL LEVEL
1.	D0	1.22	2.34	0.0	2.34
2.	D1	1.07	2.39	0.0	2.39
3.	D2	0.91	2.39	0.0	2.39
4.	D2'	0.91	2.34	0.0	2.34
5.	D3	0.76	2.39	0.0	2.39
6.	W1	1.52	1.47	0.91	2.39
7.	W2	0.91	1.47	0.91	2.39
8.	W3	0.91	1.32	1.07	2.39
9.	V	0.61	0.86	1.52	2.39

TOWER - 3

GROUND FLOOR BUILT UP AREA = 302.67 SQ.MT.
FIRST FLOOR BUILT UP AREA = 2178.41 SQ.MT.
SECOND FLOOR BUILT UP AREA = 2178.41 SQ.MT.
THIRD FLOOR BUILT UP AREA = 2178.41 SQ.MT.
FOURTH FLOOR BUILT UP AREA = 2178.41 SQ.MT.
FIFTH FLOOR BUILT UP AREA = 2178.41 SQ.MT.
SIXTH FLOOR BUILT UP AREA = 2178.41 SQ.MT.
SEVENTH FLOOR BUILT UP AREA = 2178.41 SQ.MT.
TOTAL BUILT UP AREA = 15551.54 SQ. MT.

TOWER - 3

OCCUPANT LOAD RESIDENTIAL

TOTAL NO OF FLATS = 112 FLATS
5 PERSON / FLAT
TOTAL NOS. OF PERSON = 112X5 = 560 PERSONS

WATER SUPPLY CALCULATION

TOTAL NO. OF OCCUPANTS = 560
REQUIRED SIZE OF WATER TANK @ 135 LITERS / PERSONS / DAY
= 560 X 1.33 X 135 = 100548 LITERS = 100.55 CUM
PROVIDED SIZE OF OVER HEAD WATER TANK
WATER TANK-1
3.96 X 6.96 X 1.91 = 52643 LITRE = 52.64 CUM
WATER TANK-2
2.03 X 4.87 X 1.91 = 18882 LITRE = 18.88 CUM
WATER TANK-3
3.96 X 6.70 X 1.91 = 50676 LITRE = 50.68 CUM
WATER TANK-4
2.03 X 4.40 X 1.91 = 17060 LITRE = 17.06 CUM
TOTAL CAPACITY OF WATER TANKS (1+2+3+4) = 139.26 CUM

PROPOSED RESIDENTIAL CUM COMMERCIAL BUILDING ON THE PLOTS OF LAND OWNERS

- 1) SRI NARENDRA KUMAR S/O- LATE RAJENDRA PRASAD SINGH
- 2) SRI SUDHANSHU BHUSHAN SINHA S/O- LATE RAGHUHAR KISHORE SINGH
- 3) SRI GOPAL PRASAD SAH S/O- LATE RAM KRIPAL SAH
- 4) SRI ASHOK KUMAR SINGH
- 5) SRI AJAY KUMAR SINGH
- 6) SRI ARUN KUMAR SINGH
- 7) SMT SANJU KUMARI W/O- SRI JITENDRA SINGH
- 8) SRI VINAY KUMAR SINGH
- 9) SRI PRAMOD KUMAR SINGH
- 10) SMT. BINDU DEVI W/O- SRI SHIV KUMAR SINGH
- 11) SMT LALTI DEVI W/O- LATE HIRA NAND MISHRA
- 12) SRI GOPAL KRISHNA MISHRA S/O- LATE HIRA NANDAN MISHRA
- 13) SMT SUMITRA DEVI W/O- SRI NATH THAKUR
- 14) SMT LALMANI DEVI W/O- SRI MADHUSUDHAN THAKUR
- 15) SMT PHULMATI DEVI W/O- SRI SADHU THAKUR
- 16) SRI SURENDRA KUMAR SINGH S/O- LATE JAGDISH SINGH
- 17) SRI RAJ KUMAR SINGH S/O- LATE RAM NARAYAN SINGH
- 18) SRI SUNIL KUMAR S/O LATE JAGNARAYAN SINGH
- 19) SRI SHAILENDRA KUMAR SINGH S/O- LATE JEET NARAYAN SINGH
- 20) SRI BIDYA BHUSHAN SINGH
- 21) SRI RANJEET KUMAR SINGH
- 22) SRI SURENDRA KUMAR SINGH S/O- LATE NAURANGI SINGH
- 23) SRI AMIT KUMAR
- 24) SRI MANISH KUMAR
- 25) SRI ARJUN LAL SINGH
- 26) SRI NARENDRA KUMAR S/O- LATE RAJENDRA PRASAD SINGH
- 27) SRI VINAY KUMAR S/O- LATE RAMJATAN SINGH
- 28) SRI BINOD KUMAR
- 29) SRI DILIP KUMAR
- 30) SRI RANJEET KUMAR
- 31) SRI AJAY KUMAR
- 32) SRI ARVIND KUMAR
- 33) SMT NIRMALA KUMARI
- 34) SMT ASHOK KUMAR
- 35) SRI BIKRANT ROY
- 36) SRI BIJAY KUMAR
- 37) SRI DINESH PRASAD
- 38) SRI NIRMAL PRASAD
- 39) SRI DEVNATH PRASAD

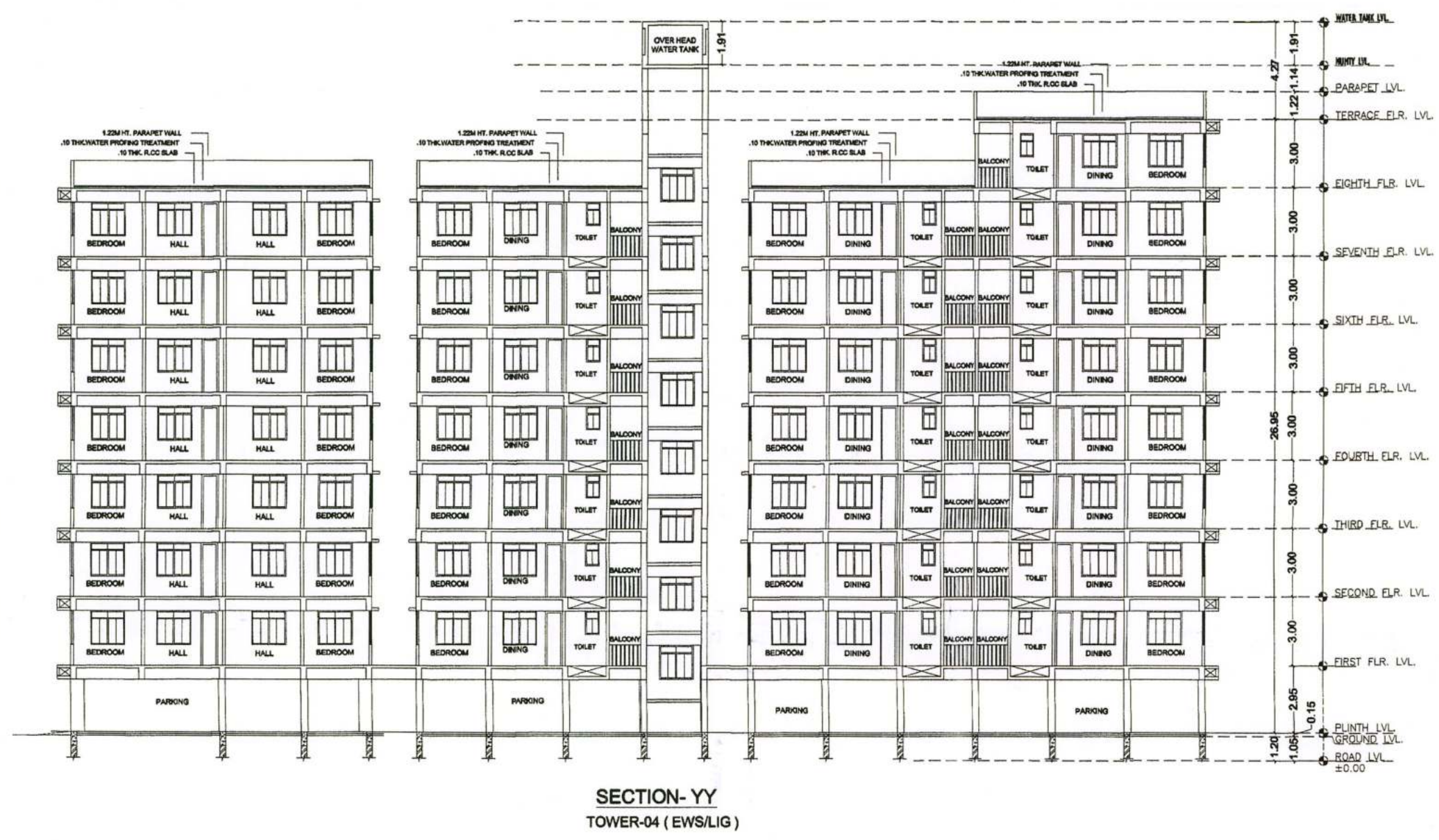
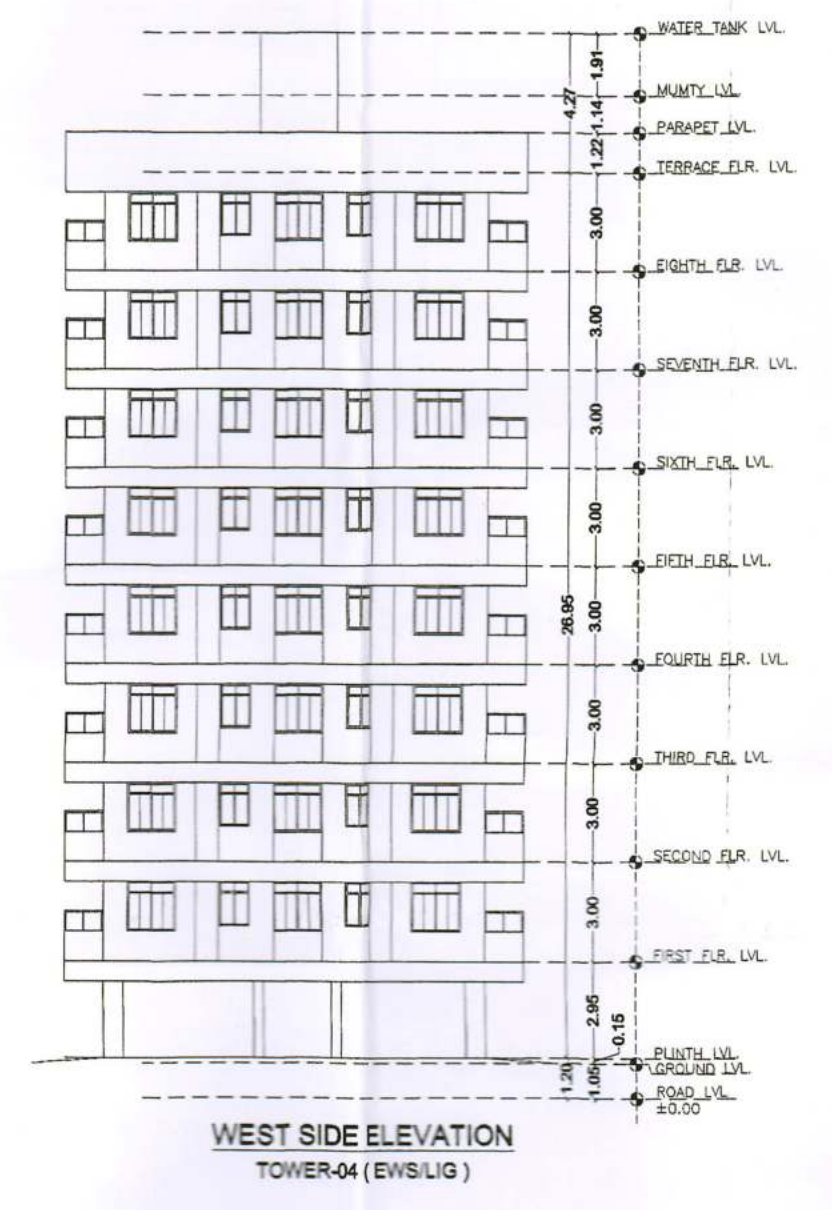
AT MAUZA - MUSTAFAPUR, THANA- DANAPUR(OLD), KHAGAUL(NEW)
THANA NO - 36
KHATA NO - 277,190,197,260,270,170,180,177,195,191, TAUZI NO- 5276
S.PLOT NO - 596, 580, 593, 594, 595, 592, 591, 590, 589, 600, 601(P)
DISTT.- PATNA

DEVELOPER -
M/S- KUMAR CONSTRUCTION
PARTNER- SRI VINAY KUMAR
S/O- LATE RAM JATAN SINGH
OFFICE - MANGAL MARKET, SHEIKHPURA, BAILEY ROAD,
SHASTRI NAGAR, PATNA(BIHAR)

SCALE-	NORTH	SHEET NO.
N.T.S		10 / 13
SCALE- Vinay Kumar Kumar Construction Reg. No. B/14/13/10/BI/UR/23-0283 Urban Development & Housing Dept. Patna, Bihar		
SIGNATURE OF OWNER/DEVELOPER	SIGNATURE OF ARCHITECT/ENGINEER	SIGNATURE OF STRUCTURAL ENGINEER

Patna Metropolitan Area Authority
Sanction of Plan case no. 22-12-2022
dated 22-12-2022
accorded under
Development Control Regulations for Patna
Master Plan 2031 (Byelaws no 6(4) of Bihar Building
Byelaws 2014) vide notification no 831/832
dated 23.10.2018 on Date 22-06-2023

बिहार भू-सम्पदा (विनियमन विकास)
नियामक, 2017 की शर्तों के अधीन
राज्य में गठित विनियमन प्राधिकरण
से इस परियोजना का निबंधन
अनिवार्य होगा।
प्रभारी निदेशक
पटना महानगर क्षेत्र प्राधिकरण
सहायक अभियंता
पटना महानगर क्षेत्र प्राधिकरण
M/S KUMAR CONSTRUCTION
Vinay Kumar
PARTNER



DOORS & WINDOWS SCHEDULE					
SLNO	SYMBOL	WIDTH	HEIGHT	SQL	UNIT
1.	D0	1.22	2.34	0.0	2.34
2.	D1	1.07	2.39	0.0	2.39
3.	D2	0.91	2.39	0.0	2.39
4.	D2'	0.91	2.34	0.0	2.34
5.	D3	0.78	2.39	0.0	2.39
6.	W1	1.52	1.47	0.91	2.39
7.	W2	0.91	1.47	0.91	2.39
8.	W3	0.91	1.32	1.07	2.39
9.	V	0.61	0.66	1.52	2.39

1) FOUNDATION - R.C.C. W/ GROUP PILE FOUNDATION/ISOLATED
2) SUPER STRUCTURE - 1ST CLASS BRICK WORK IN SUPER STRUCTURE
3) PLINTH - HEIGHT P. LEV. & G. LEV. AS SHOWN IN SECTION
4) FLOORING - 25mm TH. MOBS. & COING OVER 125mm TH. DRY RAMMED
KICA OVER 75mm TH. B.P. & OVER SAND FILLING
5) DOORS - CHAMFERED OF DOOR TO BE 100mm TH. WOODEN
6) WINDOWS - ALL WINDOWS TO BE FULLY GLAZED IN STEEL
7) ROOF - 100mm TH. R.C.C. & 40mm TH. SAND LIME TERRACING
8) PLASTER - 12mm TH. CEMENT PLASTER ON BOTH SIDE OF WALL
9) COLOUR - COLOUR OR WHITE WASH AS CHOICE

RAIN WATER HARVESTING CALCULATION
TERRACE AREA = 601.62 SQ.MT.
REQUIRED WATER HARVESTING CAPACITY 6 CUM FOR 100 SQ.MT.
TERRACE AREA, TOTAL TERRACE = 601.62 SQ.MT.
REQUIRED WATER HARVESTING= 601.62 x 6/100 = 36.10 CUM.
PROVIDED RAIN WATER HARVESTING SIZE & NOS.(AS PER
CALCULATION) :-
SIZE - 3M DIA & 3M DEPTH
TOTAL NOS. OF RECHARGE WELL - 2 NOS.
TOTAL VOLUME = 3.00 X 1.5 X 1.5 X 3.14 X 2 CUM = 42.39 CUM.

TOWER - 4
GROUND FLOOR BUILT UP AREA = 50.41 SQ.M.T
FIRST FLOOR BUILT UP AREA = 564.38 SQ.MT.
SECOND FLOOR BUILT UP AREA = 564.38 SQ.MT.
THIRD FLOOR BUILT UP AREA = 564.38 SQ.MT.
FOURTH FLOOR BUILT UP AREA = 564.38 SQ.MT.
FIFTH FLOOR BUILT UP AREA = 564.38 SQ.MT.
SIXTH FLOOR BUILT UP AREA = 564.38 SQ.MT.
SEVENTH FLOOR BUILT UP AREA = 564.38 SQ.MT.
EIGHT FLOOR BUILT UP AREA = 305.93 SQ.MT.
TOTAL BUILT UP AREA = 4307.00 SQ. MT.

EWS(TOWER-4) BUILT-UP AREA REQUIRED :
TOTAL BLOCK AREA= 28619.32 Sq.mt @ 15%
REQUIRED FOR EWS / LIG FLAT AREA= 4292.89 Sq.mt
PROVIDED AREA = 4307.00 SQ. MT.

TOWER -04 (EWS) TYPICAL FLOOR AREA				
FLTA NO.	CARPET AREA	EXTERNAL WALLS AREA	BALCONY AREA	PLINTH AREA
01	28.85 SQM.	2.32 SQM.	4.37 SQM.	33.54 SQM.
02	28.85 SQM.	2.32 SQM.	4.37 SQM.	33.54 SQM.
03	28.85 SQM.	2.32 SQM.	4.37 SQM.	33.54 SQM.
04	28.85 SQM.	2.32 SQM.	4.37 SQM.	33.54 SQM.
05	28.85 SQM.	2.51 SQM.	4.46 SQM.	33.82 SQM.
TOWER -04 (LIG) TYPICAL FLOOR AREA				
06	44.22 SQM.	3.72 SQM.	8.92 SQM.	56.86 SQM.
07	44.22 SQM.	3.53 SQM.	8.73 SQM.	56.49 SQM.
08	44.22 SQM.	3.53 SQM.	8.73 SQM.	56.49 SQM.
09	44.22 SQM.	3.53 SQM.	8.73 SQM.	56.49 SQM.
10	44.22 SQM.	3.53 SQM.	8.73 SQM.	56.49 SQM.

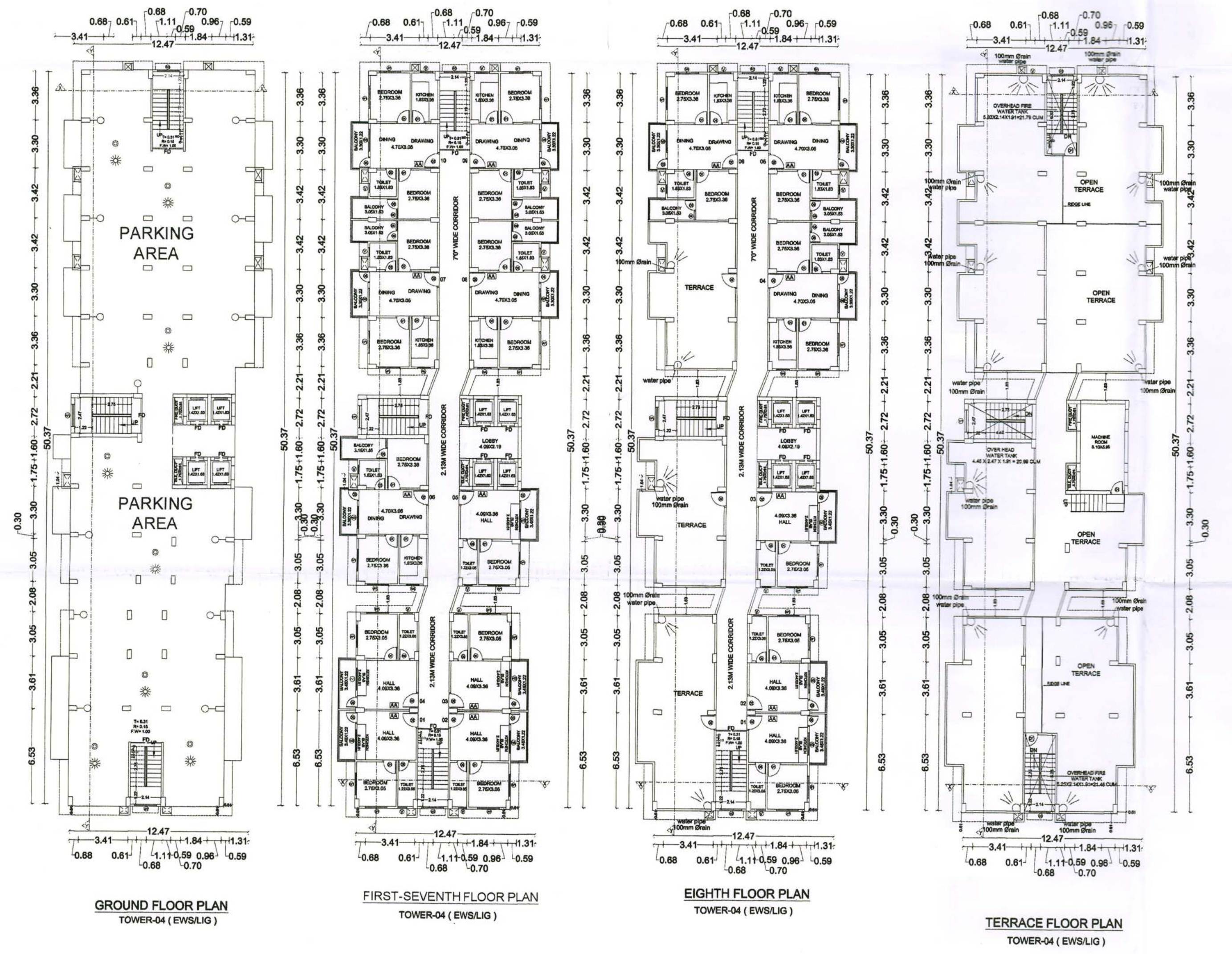
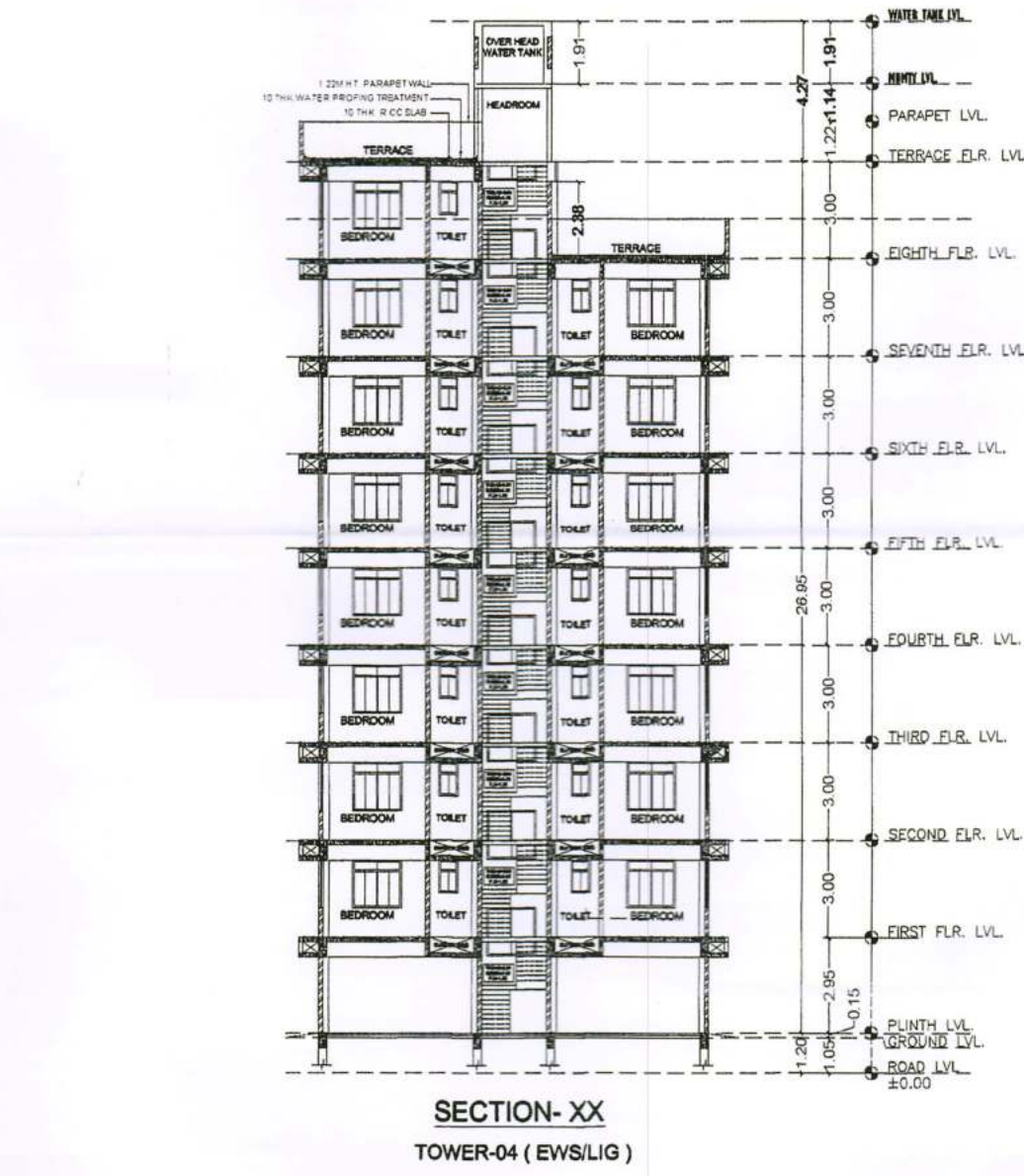
- PROPOSED RESIDENTIAL CUM COMMERCIAL BUILDING ON THE PLOTS OF LAND OWNERS
- 1) SRI NARENDRA KUMAR
S/O- LATE RAJENDRA PRASAD SINGH
2) SRI SUDHANSHU BHUSHAN SINHA
S/O- LATE RAGHUHAR KISHORE SINGH
3) SRI GOPAL PRASAD SAH
S/O- LATE RAM KRIPAL SAH
4) SRI ASHOK KUMAR SINGH
5) SRI AJAY KUMAR SINGH
6) SRI ARUN KUMAR SINGH
ALL S/O- LATE SARWANAND SINGH
7) SMT SANJU KUMARI
W/O- SRI JITENDRA SINGH
8) SRI VINAY KUMAR SINGH
9) SRI PRAMOD KUMAR SINGH
BOTH S/O- LATE FARMANAND SINGH
10) SMT. BINDU DEVI
W/O- SRI SHIV KUMAR SINGH
11) SMT LALTI DEVI
W/O- LATE HIRA NAND MISHRA
12) SRI GOPAL KRISHNA MISHRA
S/O- LATE HIRA NANDAN MISHRA
13) SMT SUMITRA DEVI
W/O- SRI NATH THAKUR
14) SMT LALMANI DEVI
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15) SMT PHULMATI DEVI
W/O- SRI SADHU THAKUR
16) SRI SURENDRA KUMAR SINGH
S/O- LATE JAGDISH SINGH
17) SRI RAJ KUMAR SINGH
S/O- LATE RAM NARAYAN SINGH

18) SRI SUNIL KUMAR
S/O- LATE JAGNARAYAN SINGH
19) SRI SHAILENDRA KUMAR SINGH
S/O- LATE JEET NARAYAN SINGH
20) SRI BIDYA BHUSHAN SINGH
21) SRI RANJEET KUMAR SINGH
BOTH S/O- LATE MITHLASARAN SINGH
22) SRI SURENDRA KUMAR SINGH
S/O- LATE NAURANGI SINGH
23) SRI AMIT KUMAR
24) SRI MANISH KUMAR
BOTH S/O- SRI ARJUN LAL SINGH
25) SRI NARENDRA KUMAR
S/O- LATE RAJENDRA PRASAD SINGH
26) SRI VINAY KUMAR
S/O- LATE RAMJATAN SINGH
27) SRI BINOD KUMAR
28) SRI VINAY KUMARI
29) SRI DILIP KUMAR
30) SRI RANJEET KUMAR
ALL S/O- LATE PREM CHANDRA PRASAD
31) SRI AJAY KUMAR
32) SRI ARVIND KUMAR
BOTH S/O- LATE UMESH PRASAD YADAV
33) SMT NIRMALA KUMARI
W/O- LATE ASHOK KUMAR
34) SRI BIKRANT ROY
W/O- SRI SADHU THAKUR
35) SRI BIJAY KUMAR
BOTH S/O- SRI DINESH PRASAD
36) SRI NIRMAL PRASAD
S/O- LATE DEVNATH PRASAD

AT MAUZA - MUSTAFAPUR, THANA- DANAPUR(OLD),
KHAGAU(NEW)
THANA NO - 36
KHATA NO - 277,190,197,260,270,170,180,177,195,191, TAUZI NO-
5276
S.PLOT NO - 596, 580, 593, 594, 595, 592, 591, 590, 589, 600, 601(P)
DISTT.- PATNA

DEVELOPER -
M/S- KUMAR CONSTRUCTION
PARTNER- SRI VINAY KUMAR
S/O- LATE RAM JATAN SINGH
OFFICE - MANGAL MARKET, SHEIKHPURA, BAILEY ROAD,
SHASTRI NAGAR, PATNA(BIHAR)

SCALE- N.T.S	NORTH 	SHEET NO. 13 / 13
 Kumar Construction Reg. No. BR/UDH/01/BLR/23-0283 Urban Development & Housing Dept. Patna, Bihar	 Jai Ram 653 GATE NO. 13/13	 DR. SHAILESH RANJAN M.E. STRUCTURE ENGINEER EMP. NO.-BR/UDH/01/BLR/23-0110 UDHD, BIHAR (PATNA)
SIGNATURE OF OWNER/DEVELOPER	SIGNATURE OF ARCHITECT/ENGINEER	SIGNATURE OF STRUCTURAL ENGINEER



Patna Metropolitan Area Authority
Sanction of Plan case no. **BR/UDH/01/BLR/23-0283**
dated **22.12.2022** according to
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 **22.12.2022**

बिहार भू-सम्पदा (विनियमन विकास)
नियामक, 2017 की शर्तों के अधीन
राज्य में गठित विनियमन प्राधिकरण
से इस परियोजना का निवेदन
अतिवारी होता है।

सहायक अभियंता
पटना महानगर क्षेत्र प्राधिकार

M/S KUMAR CONSTRUCTION
Vinay Kumar
PARTNER



- (1) FOUNDATION :- R.C.C. U/R GROUP PILE FOUNDATION/RAFT/ ISOLATED AS/STRUCTURE DESIGN
- (2) SUPER STRUCTURE :- 1ST. CLASS BRICK WORK IN SUPER STRUCTURE WITH CEMENT MORTAR
- (3) PLINTH :- HEIGHT P. LEV. & G. LEV. AS SHOWN IN SECTION.
- (4) FLOORING :- 25mm. TH. MOSAIC FLOORING OVER 125mm. TH.DRY RAMMED KHOA OVER 75mm. TH. B. F. S. OVER SAND FILLING.
- (5) DOORS :- CHOWKHAITS OF DOOR TO BE SAL WOOD/M.S
- (6) WINDOWS :- ALL WINDOWS TO BE FULLY GLAZED IN STEEL
- (7) ROOF :- 100mm. TH. R.C.C. SLAB , 100 mm. TH. AVG. LIME TERRACING OVER.
- (8) PLASTER :- 12mm. TH. CEMENT PLASTER ON BOTH SIDE OF WALL
- (9) COLOUR :- COLOUR OR WHITE WASH AS/CHOICE

OCCUPANT LOAD (RESIDENTIAL + COMMERCIAL)
 =(NO. OF FLATS X 5 PERSON/FLAT) + (1 PERSON/10 SQ.MT.)
 =(24 X 5) + (314.30/10)
 =120 + 31.43 = 151.43 = 151

TOTAL NOS. OF OCCUPANT 151 PERSONS
REQUIREMENT OF SEPTIC TANK FOR 151 PERSONS
@ 0.087 CUM. PER PERSONS PER DAY = $151 \times 0.087 = 13.13$ CUM
DETAIL SIZE OF SEPTIC TANK -
L. 3.50 X W. 2.50 X H. 1.50 = 13125 LITRE = 13.13 CUM

TERRACE AREA = 1394.81 SQ.MT.
 REQUIRED WATER HARVESTING CAPACITY 6 CUM FOR 100 SQ.MT.
 TERRACE AREA ,TOTAL TERRACE = 1394.81 SQ.MT.
 REQUIRED WATER HARVESTING= $1394.81 \times 6/100 = 83.69$ CUM.
PROVIDED RAIN WATER HARVESTING SIZE & NOS.(AS PER
CALCULATION) :-
 SIZE - 3M DIA & 3M DEPTH
 TOTAL NOS. OF RECHARGE WELL - 4 NOS.
 TOTAL VOLUME = $3.00 \times 1.5 \times 1.5 \times 3.14 \times 4$ CUM. = 84.78 CUM.

SL.NO	SYMBOL	WIDTH	HEIGHT	SILL LEVEL	LINTEL LEVEL
1.	D0	1.22	2.34	0.0	2.34
2.	D1	1.07	2.39	0.0	2.39
3.	D2	0.91	2.39	0.0	2.39
4.	D2'	0.91	2.34	0.0	2.34
5.	D3	0.76	2.39	0.0	2.39
6.	W1	1.52	1.47	0.91	2.39
7.	W2	0.91	1.47	0.91	2.39
8.	W3	0.91	1.32	1.07	2.39
9.	V	0.61	0.86	1.52	2.39

BASEMENT FLOOR BUILT UP AREA	=	25.67 SQ.MT.
GROUND FLOOR BUILT UP AREA	=	85.04 SQ.MT.
FIRST FLOOR BUILT UP AREA	=	1371.76 SQ.MT.
SECOND FLOOR BUILT UP AREA	=	1371.76 SQ.MT.
THIRD FLOOR BUILT UP AREA	=	1371.76 SQ.MT.
FOURTH FLOOR BUILT UP AREA	=	1371.76 SQ.MT.
FIFTH FLOOR BUILT UP AREA	=	1371.76 SQ.MT.
SIXTH FLOOR BUILT UP AREA	=	1371.76 SQ.MT.
SEVENTH FLOOR BUILT UP AREA	=	1371.76 SQ.MT.
TOTAL BUILT UP AREA	=	9713.03 SQ. MT.

1) SRI NARENDRA KUMAR S/O- LATE RAJENDRA PRASAD SINGH	18) SRI SUNIL KUMAR S/O LATE JAGNARAYAN SINGH
2) SRI SUDHANSHU BHUSHAN SINHA S/O- LATE RAGHUHAR KISHORE SINGH	19) SRI SHAILENDRA KUMAR SINGH S/O- LATE JEET NARAYAN SINGH
3) SRI GOPAL PRASAD SAH S/O- LATE RAM KRIPAL SAH	20) SRI BIDYA BHUSHAN SINGH 21) SRI RANJEET KUMAR SINGH
4) SRI ASHOK KUMAR SINGH 5) SRI AJAY KUMAR SINGH	BOTH S/O- LATE MITHLASARAN SINGH 22) SRI SURENDRA KUMAR SINGH
6) SRI ARUN KUMAR SINGH ALL S/O- LATE SARWANAND SINGH	S/O- LATE NAURANGI SINGH 23) SRI AMIT KUMAR
7) SMT SANJU KUMARI W/O- SRI JITENDRA SINGH	24) SRI MANISH KUMAR BOTH S/O- SRI ARJUN LAL SINGH
8) SRI VINAY KUMAR SINGH 9) SRI PRAMOD KUMAR SINGH	25) SRI NARENDRA KUMAR S/O- LATE RAJENDRA PRASAD SINGH
BOTH S/O- LATE PARMANAND SINGH 10) SMT. BINDU DEVI	26) SRI VINAY KUMAR S/O- LATE RAMJATAN SINGH
W/O- SRI SHIV KUMAR SINGH 11) SMT LALTI DEVI	27) SRI BINOD KUMAR 28) SRI VINAY KUMARI
W/O- LATE HIRA NAMD MISHRA 12) SRI GOPAL KRISHNA MISHRA	29) SRI DILIP KUMAR 30) SRI RANJEET KUMAR
S/O- LATE HIRA NANDAN MISHRA 13) SMT SUMITRA DEVI	ALL S/O - LATE PREM CHANDRA PRASAD 31) SRI AJAY KUMAR
W/O- SRI NATH THAKUR 14) SMT LALMANI DEVI	32) SRI ARVIND KUMAR BOTH S/O- LATE UMESH PRASAD YADAV
W/O- SRI MADHUSUDHAN THAKUR 15) SMT PHUDMATI DEVI	33) SMT NIRMALA KUMARI W/O - LATE ASHOK KUMAR
W/O- SRI SADHU THAKUR 16) SRI SURENDRA KUMAR SINGH	34) SRI BIKRANT ROY 35) SRI BIJAY KUMAR
S/O- LATE JAGDISH SINGH 17) SRI RAJ KUMAR SINGH	BOTH S/O - SRI DINESH PRASAD 36) SRI NIRMAL PRASAD
S/O- LATE RAM NARAYAN SINGH	S/O LATE DEVNATH PRASAD

DEVELOPER -
M/S- KUMAR CONSTRUCTION
PARTNER- SRI VINAY KUMAR
S/O- LATE RAM JATAN SINGH
OFFICE - MANGAL MARKET, SHEIKHPURA, BAILEY ROAD,
SHASTRI NAGAR, PATNA(BIHAR)

SCALE-	NORTH	SHEET NO.
N.T.S	N	5 / 13
<p>Vinay Kumar</p> <p>Kumar Construction</p> <p>Reg. No. BR/14/018445/23-0283</p> <p>Urban Development & Housing Dept.</p> <p>Patna, Bihar</p>	<p>Jai Ram</p> <p>Asst. Engineer</p> <p>00-1841 00-1841/23-0283</p>	<p>Saikat Ranjan</p>
SIGNATURE OF OWNER/DEVELOPER	SIGNATURE OF ARCHITECT/ENGINEER	SIGNATURE OF STRUCTURAL ENGINEER

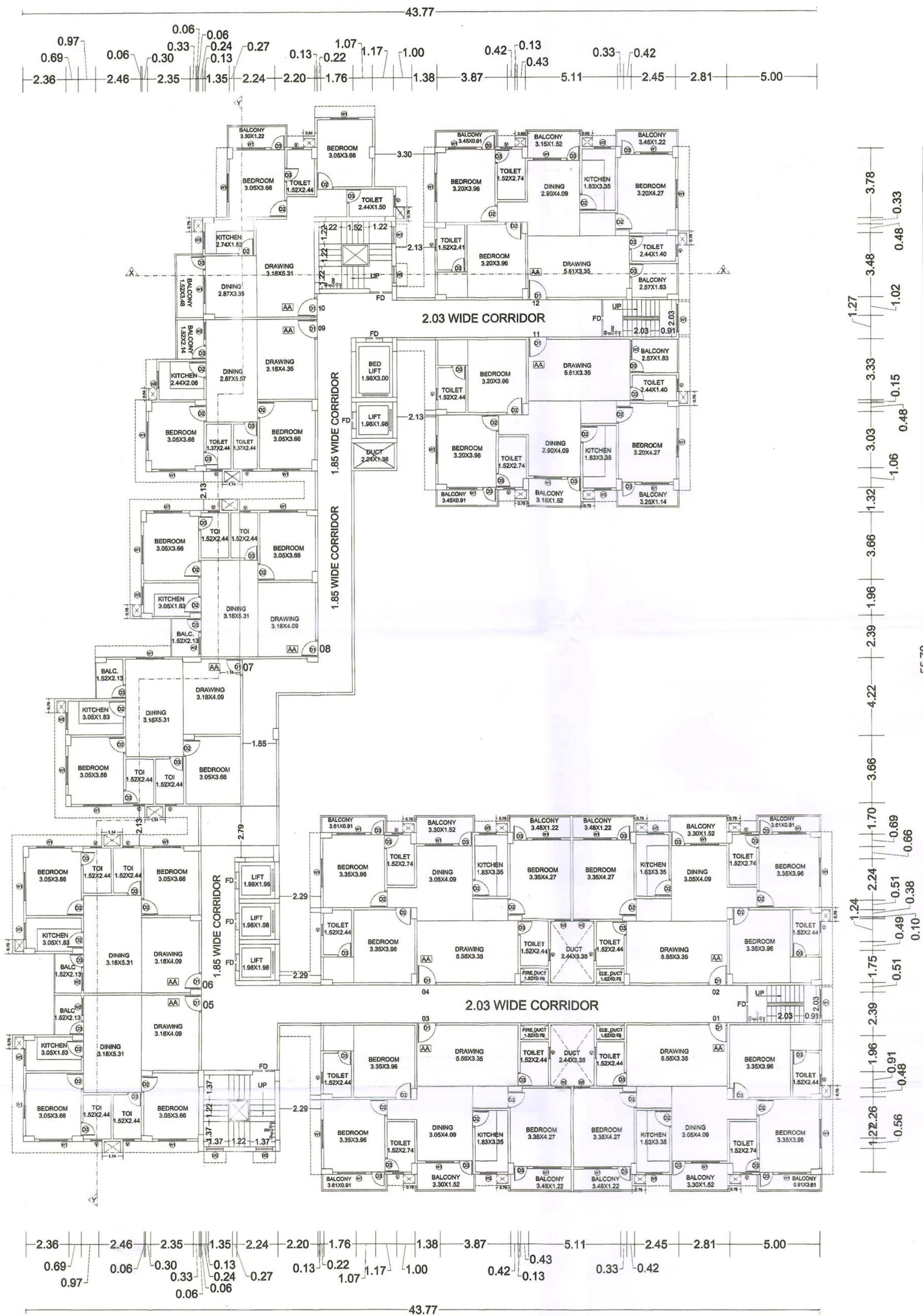
Patna Metropolitan Area Authority
Sanction of Plan case no. 105/2019 CHD TAPAR
dated 22.12.2019 CHD TAPAR
Development Control Regulations for Patna
Master Plan 2031 (Byelaws no 8(4) of Bihar Building
Byelaws 2014) vide notification no 831/2022
dated 28.10.2018 on Date 22.12.2022

बिहार में सन्तन्त्रता (विनियमन विकास)
निवासी, 2017 की शर्तों के अधीन
राज्य में गठित विनियमन प्राधिकरण
से इस परियोजना का निबंधन
अनिवार्य होगा।

प्रभारी निदेशक
पटना महानगर क्षेत्र प्राधिकरण

सहायक अभियंता
पटना महानगर क्षेत्र प्राधिकरण

M/S KUMAR CONSTRUCTION
Vinay Kumar
PARTNER



FIRST-SEVENTH FLOOR PLAN
TOWER-02

SPECIFICATIONS

- (1) FOUNDATION :- R.C.C. U/R GROUP PILE FOUNDATION/RAFT/ ISOLATED AS/STRUCTURE DESIGN
- (2) SUPER STRUCTURE :- 1ST. CLASS BRICK WORK IN SUPER STRUCTURE WITH CEMENT MORTAR
- (3) PLINTH :- HEIGHT P. LEV. & G. LEV. AS SHOWN IN SECTION.
- (4) FLOORING :- 25mm. TH. MOSAIC FLOORING OVER 125mm. TH. DRY RAMMED KHOA OVER 75mm. TH. B. F. S. OVER SAND FILLING.
- (5) DOORS :- CHOWKHATS OF DOOR TO BE SAL WOOD/M.S
- (6) WINDOWS :- ALL WINDOWS TO BE FULLY GLAZED IN STEEL
- (7) ROOF :- 100mm. TH. R.C.C. SLAB , 100 mm. TH. AVG. LIME TERRACING OVER.
- (8) PLASTER :- 12mm. TH. CEMENT PLASTER ON BOTH SIDE OF WALL
- (9) COLOUR :- COLOUR OR WHITE WASH AS/CHOICE

TOWER - 2

OCCUPANT LOAD

OCCUPANT LOAD (RESIDENTIAL + COMMERCIAL)

=(NO. OF FLATS X 5 PERSON/FLAT) + (1 PERSON/10 SQ.MT.)

=(24 X 5) + (314.30/10)

=120 + 31.43 = 151.43 = 151

SEPTIC TANK CALCULATION

TOTAL NOS. OF OCCUPANT 151 PERSONS

REQUIREMENT OF SEPTIC TANK FOR 151 PERSONS

@ 0.087 CUM. PER PERSONS PER DAY = 151 X 0.087 = 13.13 CUM

DETAIL SIZE OF SEPTIC TANK -

L. 3.50 X W. 2.50 X H. 1.50 = 13125 LITRE = 13.13 CUM

RAIN WATER HARVESTING CALCULATION

TERRACE AREA = 1394.81 SQ.MT.

REQUIRED WATER HARVESTING CAPACITY 6 CUM FOR 100 SQ.MT.

TERRACE AREA , TOTAL TERRACE = 1394.81 SQ.MT.

REQUIRED WATER HARVESTING= 1394.81 x 6/100 = 83.69 CUM.

PROVIDED RAIN WATER HARVESTING SIZE & NOS.(AS PER

CALCULATION) :-

SIZE - 3M DIA & 3M DEPTH

TOTAL NOS. OF RECHARGE WELL - 4 NOS.

TOTAL VOLUME = 3.00 X 1.5 X 1.5 X 3.14 X 4 CUM.= 84.78 CUM.

DOORS & WINDOWS SCHEDULE

SL.NO	SYMBOL	WIDTH	HEIGHT	SILL LEVEL	LINTEL LEVEL
1.	D0	1.22	2.34	0.0	2.34
2.	D1	1.07	2.39	0.0	2.39
3.	D2	0.91	2.39	0.0	2.39
4.	D2'	0.91	2.34	0.0	2.34
5.	D3	0.76	2.39	0.0	2.39
6.	W1	1.52	1.47	0.91	2.39
7.	W2	0.91	1.47	0.91	2.39
8.	W3	0.91	1.32	1.07	2.39
9.	V	0.61	0.86	1.52	2.39

TOWER - 2

BASEMENT FLOOR BUILT UP AREA = 25.67 SQ.MT.

GROUND FLOOR BUILT UP AREA = 85.04 SQ.MT.

FIRST FLOOR BUILT UP AREA = 1371.76 SQ.MT.

SECOND FLOOR BUILT UP AREA = 1371.76 SQ.MT.

THIRD FLOOR BUILT UP AREA = 1371.76 SQ.MT.

FOURTH FLOOR BUILT UP AREA = 1371.76 SQ.MT.

FIFTH FLOOR BUILT UP AREA = 1371.76 SQ.MT.

SIXTH FLOOR BUILT UP AREA = 1371.76 SQ.MT.

SEVENTH FLOOR BUILT UP AREA = 1371.76 SQ.MT.

TOTAL BUILT UP AREA = 9713.03 SQ. MT.

PROPOSED RESIDENTIAL CUM COMMERCIAL BUILDING ON THE PLOTS OF LAND OWNERS

- | | |
|---|---|
| 1) SRI NARENDRA KUMAR
S/O- LATE RAJENDRA PRASAD SINGH
2) SRI SUDHANSHU BHUSHAN SINHA
S/O- LATE RAGHUHAR KISHORE SINGH
3) SRI GOPAL PRASAD SAH
S/O- LATE RAM KRIPAL SAH
4) SRI ASHOK KUMAR SINGH
5) SRI AJAY KUMAR SINGH
6) SRI ARUN KUMAR SINGH
ALL S/O- LATE SARWANAND SINGH
7) SMT SANJU KUMARI
W/O- SRI JITENDRA SINGH
8) SRI VINAY KUMAR SINGH
9) SRI PRAMOD KUMAR SINGH
BOTH S/O- LATE PARMANAND SINGH
10) SMT. BINDU DEVI
W/O- SRI SHIV KUMAR SINGH
11) SMT LALTI DEVI
W/O- LATE HIRA NAND MISHRA
12) SRI GOPAL KRISHNA MISHRA
S/O- LATE HIRA NANDAN MISHRA
13) SMT SUMITRA DEVI
W/O- SRI NATH THAKUR
14) SMT LALMANI DEVI
W/O- SRI MADHUSUDHAN THAKUR
15) SMT PHULMATI DEVI
W/O- SRI SADHU THAKUR
16) SRI SURENDRA KUMAR SINGH
S/O- LATE JAGDISH SINGH
17) SRI RAJ KUMAR SINGH
S/O- LATE RAM NARAYAN SINGH | 18) SRI SUNIL KUMAR
S/O LATE JAGNARAYAN SINGH
19) SRI SHAILENDRA KUMAR SINGH
S/O- LATE JEET NARAYAN SINGH
20) SRI BIDYA BHUSHAN SINGH
21) SRI RANJEET KUMAR SINGH
BOTH S/O- LATE MITHASARAN SINGH
22) SRI SURENDRA KUMAR SINGH
S/O- LATE NAURANGI SINGH
23) SRI AMIT KUMAR
24) SRI MANISH KUMAR
BOTH S/O- SRI ARJUN LAL SINGH
25) SRI NARENDRA KUMAR
S/O - LATE RAJENDRA PRASAD SINGH
26) SRI VINAY KUMAR
S/O - LATE RAMJATAN SINGH
27) SRI BINOD KUMAR
28) SRI VINAY KUMARI
29) SRI DILIP KUMAR
30) SRI RANJEET KUMAR
ALL S/O - LATE PREM CHANDRA PRASAD
31) SRI AJAY KUMAR
32) SRI ARVIND KUMAR
BOTH S/O - LATE UMESH PRASAD YADAV
33) SMT NIRMALA KUMARI
W/O - LATE ASHOK KUMAR
34) SRI BIKRANT ROY
35) SRI BIJAY KUMAR
BOTH S/O - SRI DINESH PRASAD
36) SRI NIRMAL PRASAD
S/O LATE DEVNATH PRASAD |
|---|---|

AT MAUZA - MUSTAFAPUR, THANA- DANAPUR(OLD), KHAGAUL(NEW)

THANA NO - 36

KHATA NO - 277,190,197,260,270,170,180,177,195,191, TAUZI NO- 5276

S.PLOT NO - 596, 580, 593, 594, 595, 592, 591, 590, 589, 600, 601(P)

DISTT. - PATNA

DEVELOPER -

M/S- KUMAR CONSTRUCTION

PARTNER- SRI VINAY KUMAR

S/O- LATE RAM JATAN SINGH

OFFICE - MANGAL MARKET, SHEIKHPURA, BAILEY ROAD,

SHASTRI NAGAR, PATNA(BIHAR)

SCALE-	NORTH	SHEET NO.
N.T.S		6 / 13
Kumar Construction Reg. No. 20000000000000000000 Civil Engineering & Housing Dept. Patna, Bihar		ER. SHAILESH RANJAN, N.D. STRUCTURE ENGINEER EMP NO- BRN/MD/06/23-0110 UDHD, BHAR (PATNA)
SIGNATURE OF OWNER/DEVELOPER	SIGNATURE OF ARCHITECT/ENGINEER	SIGNATURE OF STRUCTURAL ENGINEER

Patna Metropolitan Area Authority

Sanction of Plan case no. 20000000000000000000

dated... 22.12.2016... accorded under

Development Control Regulations for Patna

Master Plan 2031 (Byelaws no 8(4) of Bihar Building

Byelaws 2014) vide notification no 831/832

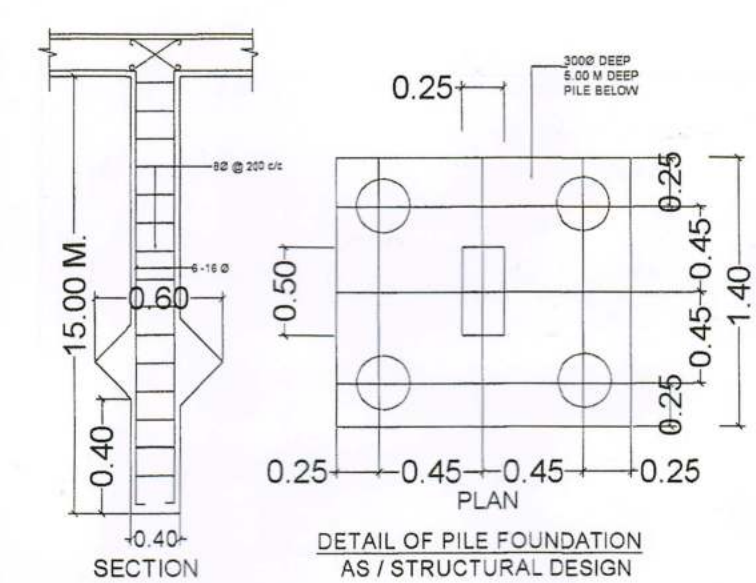
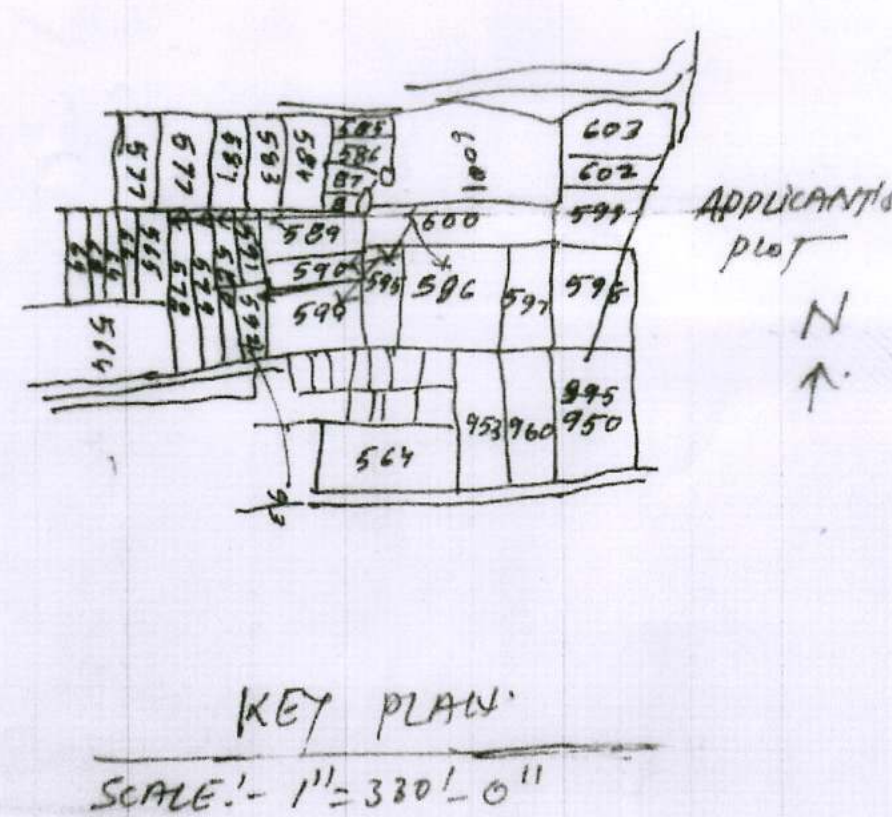
dated 28.10.2016 on Date... 23.11.2022

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

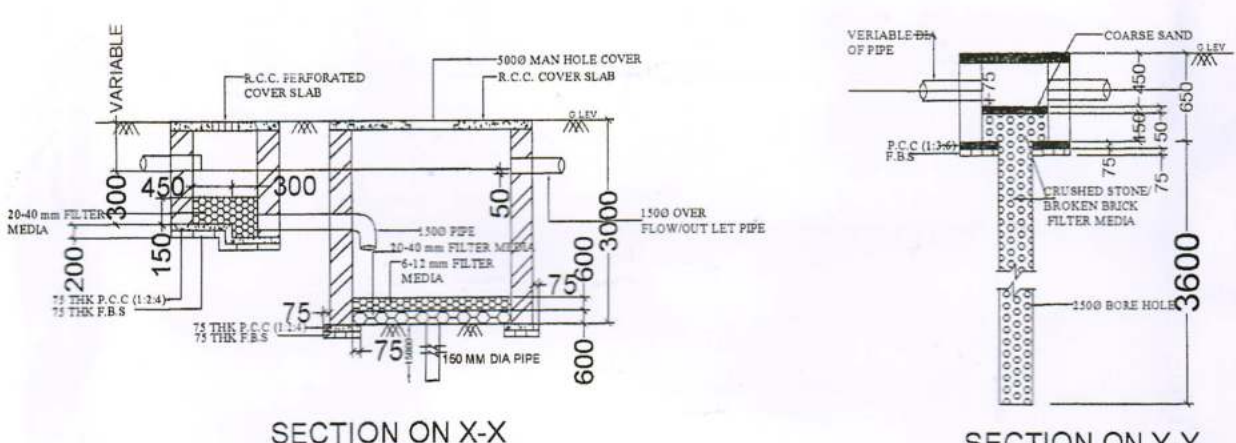
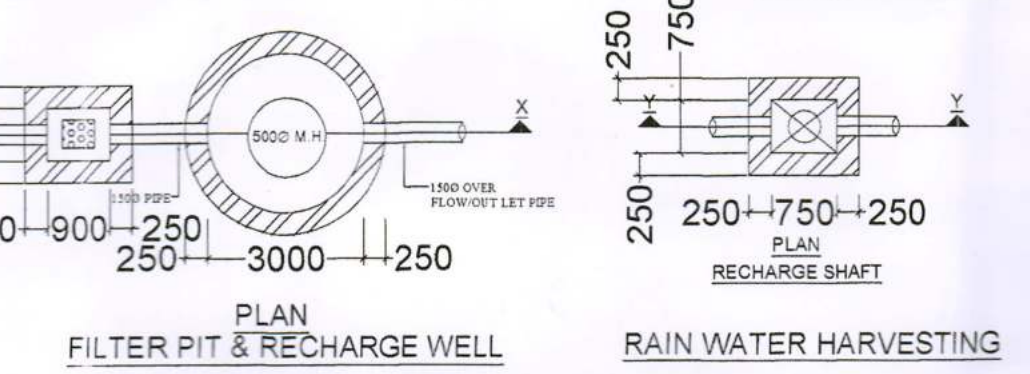
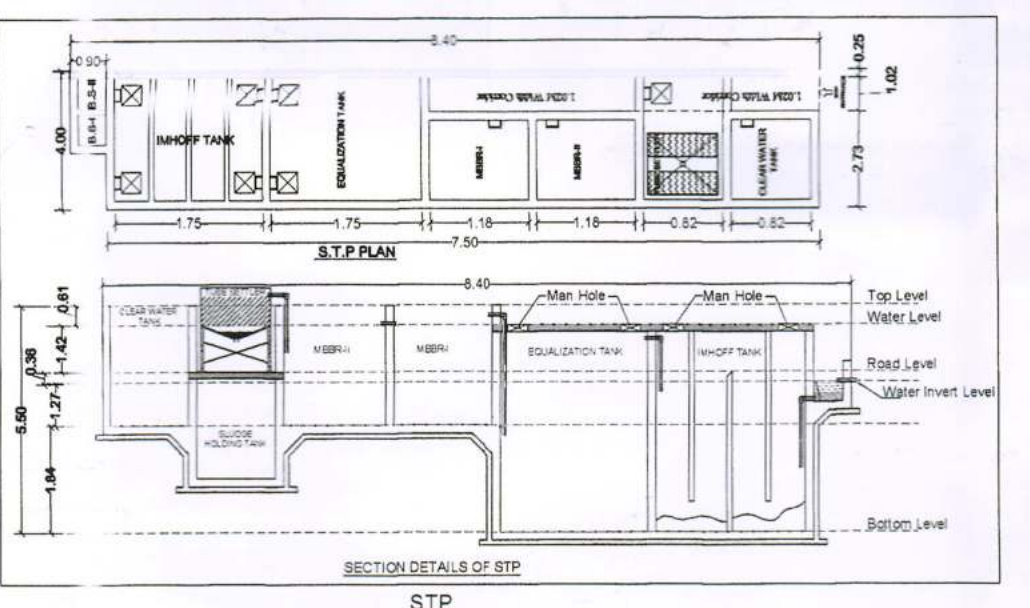
सहायक अभियंता
पटना महानगर क्षेत्र प्राधिकरण

W/S KUMAR CONSTRUCTION
Vinay Kumar
PARTNER

प्रभारी निदेशक
पटना महानगर क्षेत्र प्राधिकरण



KEY PLAN
SCALE 1"=330'-0"



<p>TOWER-1 OCCUPANT LOAD OCCUPANT LOAD (COMMERCIAL + RESIDENTIAL) = (1 PERSON/10 SQ.MT.) x (NO. OF FLATS x PERSON/FLAT) = (1/10) x (10 x 10) = 10 PERSONS = 31.43 x 10 = 314.30 CUM</p> <p>WATER SUPPLY CALCULATION TOTAL NO. OF OCCUPANTS = 151 REQUIRED SIZE OF WATER TANK @ 150 LITERS / PERSONS / DAY = 151 X 150 = 22650 LITERS = 22.65 CUM PROVIDED SIZE OF OVER HEAD WATER TANK WATER TANK-1 3.96 X 5.54 X 1.91 = 49.47 CUM WATER TANK-2 4.80 X 2.03 X 1.91 = 18.61 CUM(FOR FIRE) WATER TANK-3 3.96 X 3.32 X 1.91 = 25.56 CUM(FOR FIRE) WATER TANK-4 5.00 X 2.03 X 1.91 = 19.38 CUM(FOR FIRE) TOTAL CAPACITY OF WATER TANKS (1+2+3+4) = 113.26 CUM</p> <p>RAIN WATER HARVESTING CALCULATION TERRACE AREA = 375.62 SQ.MT REQUIRED WATER HARVESTING CAPACITY @ 100 SQ.MT TERRACE AREA TOTAL TERRACE = 375.62 SQ.MT REQUIRED WATER HARVESTING = 375.62 x 0.10 = 37.56 CUM PROVIDED RAIN WATER HARVESTING SIZE & NOS (AS PER CALCULATION) SIZE - 3M DIA & 3M DEPTH TOTAL NOS OF RECHARGE WELL - 2 NOS TOTAL VOLUME = 3.00 X 1.5 X 1.5 X 1.4 X 2 CUM = 42.30 CUM</p> <p>TOWER-1 GROUND FLOOR BUILT UP AREA = 59.73/314.32 COMMERCIAL SQ.MT. FIRST FLOOR BUILT UP AREA = 372.59 SQ.MT. SECOND FLOOR BUILT UP AREA = 372.59 SQ.MT. THIRD FLOOR BUILT UP AREA = 372.59 SQ.MT. FOURTH FLOOR BUILT UP AREA = 372.59 SQ.MT. FIFTH FLOOR BUILT UP AREA = 372.59 SQ.MT. SIXTH FLOOR BUILT UP AREA = 372.59 SQ.MT. SEVENTH FLOOR BUILT UP AREA = 372.59 SQ.MT. EIGHTH FLOOR BUILT UP AREA = 372.59 SQ.MT. TOTAL BUILT UP AREA = 3354.75 SQ. MT.</p>	<p>TOWER-2 OCCUPANT LOAD RESIDENTIAL TOTAL NO. OF FLATS = 84 FLATS 6 PERSON / FLAT TOTAL NOS. OF PERSON = 84 X 6 = 504 PERSONS WATER SUPPLY CALCULATION TOTAL NO. OF OCCUPANTS = 450 REQUIRED SIZE OF WATER TANK @ 150 LITERS / PERSONS / DAY = 450 X 150 = 67500 LITERS = 67.50 CUM PROVIDED SIZE OF OVER HEAD WATER TANK WATER TANK-1 3.96 X 5.54 X 1.91 = 49.47 CUM WATER TANK-2 4.80 X 2.03 X 1.91 = 18.61 CUM(FOR FIRE) WATER TANK-3 3.96 X 3.32 X 1.91 = 25.56 CUM(FOR FIRE) WATER TANK-4 5.00 X 2.03 X 1.91 = 19.38 CUM(FOR FIRE) TOTAL CAPACITY OF WATER TANKS (1+2+3+4) = 113.26 CUM</p> <p>RAIN WATER HARVESTING CALCULATION TERRACE AREA = 1394.61 SQ.MT REQUIRED WATER HARVESTING CAPACITY @ 100 SQ.MT TERRACE AREA TOTAL TERRACE = 1394.61 SQ.MT REQUIRED WATER HARVESTING = 1394.61 x 0.10 = 139.46 CUM PROVIDED RAIN WATER HARVESTING SIZE & NOS (AS PER CALCULATION) SIZE - 3M DIA & 3M DEPTH TOTAL NOS OF RECHARGE WELL - 4 NOS TOTAL VOLUME = 3.00 X 1.5 X 1.5 X 1.4 X 4 CUM = 84.78 CUM</p> <p>TOWER-2 BASEMENT FLOOR BUILT UP AREA = 25.87 SQ.MT. GROUND FLOOR BUILT UP AREA = 55.34 SQ.MT. FIRST FLOOR BUILT UP AREA = 372.59 SQ.MT. SECOND FLOOR BUILT UP AREA = 372.59 SQ.MT. THIRD FLOOR BUILT UP AREA = 372.59 SQ.MT. FOURTH FLOOR BUILT UP AREA = 372.59 SQ.MT. FIFTH FLOOR BUILT UP AREA = 372.59 SQ.MT. SIXTH FLOOR BUILT UP AREA = 372.59 SQ.MT. SEVENTH FLOOR BUILT UP AREA = 372.59 SQ.MT. EIGHTH FLOOR BUILT UP AREA = 372.59 SQ.MT. TOTAL BUILT UP AREA = 9713.03 SQ. MT.</p>	<p>TOWER-3 OCCUPANT LOAD RESIDENTIAL TOTAL NO. OF FLATS = 112 FLATS 6 PERSON / FLAT TOTAL NOS. OF PERSON = 112 X 6 = 672 PERSONS WATER SUPPLY CALCULATION TOTAL NO. OF OCCUPANTS = 560 REQUIRED SIZE OF WATER TANK @ 150 LITERS / PERSONS / DAY = 560 X 150 = 84000 LITERS = 84.00 CUM PROVIDED SIZE OF OVER HEAD WATER TANK WATER TANK-1 3.96 X 5.54 X 1.91 = 49.47 CUM WATER TANK-2 4.80 X 2.03 X 1.91 = 18.61 CUM(FOR FIRE) WATER TANK-3 3.96 X 3.32 X 1.91 = 25.56 CUM(FOR FIRE) WATER TANK-4 5.00 X 2.03 X 1.91 = 19.38 CUM(FOR FIRE) TOTAL CAPACITY OF WATER TANKS (1+2+3+4) = 113.26 CUM</p> <p>RAIN WATER HARVESTING CALCULATION TERRACE AREA = 2230.05 SQ.MT REQUIRED WATER HARVESTING CAPACITY @ 100 SQ.MT TERRACE AREA TOTAL TERRACE = 2230.05 SQ.MT REQUIRED WATER HARVESTING = 2230.05 x 0.10 = 223.01 CUM PROVIDED RAIN WATER HARVESTING SIZE & NOS (AS PER CALCULATION) SIZE - 3M DIA & 3M DEPTH TOTAL NOS OF RECHARGE WELL - 7 NOS TOTAL VOLUME = 3.00 X 1.5 X 1.5 X 1.4 X 7 CUM = 148.37 CUM</p> <p>TOWER-3 GROUND FLOOR BUILT UP AREA = 302.87 SQ.MT. FIRST FLOOR BUILT UP AREA = 2178.41 SQ.MT. SECOND FLOOR BUILT UP AREA = 2178.41 SQ.MT. THIRD FLOOR BUILT UP AREA = 2178.41 SQ.MT. FOURTH FLOOR BUILT UP AREA = 2178.41 SQ.MT. FIFTH FLOOR BUILT UP AREA = 2178.41 SQ.MT. SIXTH FLOOR BUILT UP AREA = 2178.41 SQ.MT. SEVENTH FLOOR BUILT UP AREA = 2178.41 SQ.MT. EIGHTH FLOOR BUILT UP AREA = 2178.41 SQ.MT. TOTAL BUILT UP AREA = 15551.54 SQ. MT.</p>	<p>TOWER-4 OCCUPANT LOAD RESIDENTIAL TOTAL NO. OF FLATS = 76 FLATS 6 PERSON / FLAT TOTAL NOS. OF PERSON = 76 X 6 = 456 PERSONS WATER SUPPLY CALCULATION TOTAL NO. OF OCCUPANTS = 152 REQUIRED SIZE OF WATER TANK @ 150 LITERS / PERSONS / DAY = 152 X 150 = 22800 LITERS = 22.80 CUM PROVIDED SIZE OF OVER HEAD WATER TANK WATER TANK-1 3.96 X 5.54 X 1.91 = 49.47 CUM WATER TANK-2 4.80 X 2.03 X 1.91 = 18.61 CUM(FOR FIRE) WATER TANK-3 3.96 X 3.32 X 1.91 = 25.56 CUM(FOR FIRE) WATER TANK-4 5.00 X 2.03 X 1.91 = 19.38 CUM(FOR FIRE) TOTAL CAPACITY OF WATER TANKS (1+2+3+4) = 113.26 CUM</p> <p>SEPTIC TANK CALCULATION TOTAL NOS. OF OCCUPANT 152 PERSONS REQUIREMENT OF SEPTIC TANK FOR 152 PERSONS @ 0.887 CUM PER PERSON PER DAY = 152 X 0.887 = 13.22 CUM DETAIL SIZE OF SEPTIC TANK L 3.80 X W 2.50 X H 1.50 = 13500 LITRE = 13.50 CUM</p> <p>RAIN WATER HARVESTING CALCULATION TERRACE AREA = 601.62 SQ.MT REQUIRED WATER HARVESTING CAPACITY @ 100 SQ.MT TERRACE AREA TOTAL TERRACE = 601.62 SQ.MT REQUIRED WATER HARVESTING = 601.62 x 0.10 = 60.16 CUM PROVIDED RAIN WATER HARVESTING SIZE & NOS (AS PER CALCULATION) SIZE - 3M DIA & 3M DEPTH TOTAL NOS OF RECHARGE WELL - 2 NOS TOTAL VOLUME = 3.00 X 1.5 X 1.5 X 1.4 X 2 CUM = 42.30 CUM</p> <p>EWIS(TOWER-4) BUILT UP AREA REQUIRED: TOTAL BLOCK AREA = 28619.32 Sq.mt @ 15% REQUIRED FOR EWS (LIG FLAT AREA) = 4292.89 Sq.mt TOTAL BLOCK AREA = 4307.00 SQ. MT.</p> <p>TOWER-4 GROUND FLOOR BUILT UP AREA = 50.41 SQ.MT. FIRST FLOOR BUILT UP AREA = 564.38 SQ.MT. SECOND FLOOR BUILT UP AREA = 564.38 SQ.MT. THIRD FLOOR BUILT UP AREA = 564.38 SQ.MT. FOURTH FLOOR BUILT UP AREA = 564.38 SQ.MT. FIFTH FLOOR BUILT UP AREA = 564.38 SQ.MT. SIXTH FLOOR BUILT UP AREA = 564.38 SQ.MT. SEVENTH FLOOR BUILT UP AREA = 564.38 SQ.MT. EIGHTH FLOOR BUILT UP AREA = 564.38 SQ.MT. TOTAL BUILT UP AREA = 4307.00 SQ. MT.</p>
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<p>SEWERAGE TREATMENT PLAN CALCULATION TOWER - 1+2+3</p> <p>TOTAL BUILT UP AREA = 28619.32 SQ.M TOTAL CARPET AREA = 28619.32/2 = 14309.66 SQ.M. ASSUME 10 SQ.M CARPET AREA = 1 PERSON HENCE 14309.66 SQ.M CARPET AREA = 1430.97 PERSON CAPACITY OF SEWERAGE TREATMENT PLAN REQ @ 0.087 cum / PERSON = 1430.97 X 0.087 = 124.42 Cum = 124.42 cum + 20% EXTRA = 149.30 Cum = 181 KLD PROVIDED SIZE OF SEWERAGE TREATMENT PLAN = 181.40 KLD</p>	<p>SEWERAGE TREATMENT PLAN CALCULATION TOWER - 1+2+3</p> <p>TOTAL BUILT UP AREA = 28619.32 SQ.M TOTAL CARPET AREA = 28619.32/2 = 14309.66 SQ.M. ASSUME 10 SQ.M CARPET AREA = 1 PERSON HENCE 14309.66 SQ.M CARPET AREA = 1430.97 PERSON CAPACITY OF SEWERAGE TREATMENT PLAN REQ @ 0.087 cum / PERSON = 1430.97 X 0.087 = 124.42 Cum = 124.42 cum + 20% EXTRA = 149.30 Cum = 181 KLD PROVIDED SIZE OF SEWERAGE TREATMENT PLAN = 181.40 KLD</p>
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TOTAL PLOT AREA AS PER DEED = 11584.63 SQ.MT.
TOTAL PLOT AREA AS PER SITE = 11584.11 SQ.MT.
ROAD WIDENING AREA = 93.33 SQ.MT.
NET PLOT AREA = 11490.78 SQ.MT.

TOTAL BUILT-UP AREA :
TOWER-1 + TOWER-2 + TOWER-3
= 3354.75 + 9713.03 + 15551.54 = 28619.32 SQ. MT.

<p>FAR CALCULATION : TOTAL BUILT-UP AREA / TOTAL PLOT AREA = 28619.32 / 11490.78 SQ. MT. = 2.490</p> <p>% OF PLOT COVERAGE = PLOT COVERAGE AREA x 100 / PLOT AREA = (372.59 + 1371.76 + 2178.41 + 564.38) X 100 / 11490.78 = 4487.14 X 100 / 11490.78 = 39.04%</p>	<p>TOTAL REQUIRED AREA FOR PARKING (FOR RESIDENTIAL AND COMMERCIAL) : = 5966.51 + 93.50 = 6060.01 SQ. MT.</p> <p>AVAILABLE AREA FOR PARKING (FOR RESIDENTIAL AND COMMERCIAL) : TOWER-2 GROUND FLOOR = 1562.44 SQ.MT. TOWER-2 BASEMENT FLOOR = 2998.07 SQ.MT. TOWER-3 GROUND FLOOR = 2307.97 SQ.MT. TOTAL PARKING AREA = 6868.48 SQ. MT.</p>
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<p>TOTAL BUILT-UP AREA FOR PARKING (FOR RESIDENTIAL OF TOWER 1,2 & 3) : TOWER1 = 3048.45 SQ.MT. TOWER2 = 9713.03 SQ.MT. TOWER3 = 15551.54 SQ.MT. TOTAL BUILT-UP AREA = 28313.02 SQ.MT.</p> <p>TOTAL BUILT-UP AREA FOR PARKING (FOR COMMERCIAL OF TOWER 1) : TOWER1 (SHOPS) = 314.30 SQ.MT. TOTAL BUILT-UP AREA = 314.30 SQ.MT.</p> <p>REQUIRED AREA FOR PARKING (FOR COMMERCIAL OF TOWER 1) : = 35% OF (TOTAL BUILT-UP AREA - 15%) = 35% OF (314.30 - 47.14) = 35% OF 267.16 SQ.MT. = 93.50 SQ.MT.</p>	<p>TOTAL BUILT-UP AREA FOR PARKING (FOR RESIDENTIAL AND COMMERCIAL) : = 5966.51 + 93.50 = 6060.01 SQ. MT.</p> <p>AVAILABLE AREA FOR PARKING (FOR RESIDENTIAL AND COMMERCIAL) : TOWER-2 GROUND FLOOR = 1562.44 SQ.MT. TOWER-2 BASEMENT FLOOR = 2998.07 SQ.MT. TOWER-3 GROUND FLOOR = 2307.97 SQ.MT. TOTAL PARKING AREA = 6868.48 SQ. MT.</p>
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<p>TOTAL BUILT-UP AREA FOR PARKING (FOR EWS TOWER 4) : TOWER 4 TYPICAL FLOORS + TOWER EIGHTH FLOOR = 4307.00 SQ.MT.</p> <p>REQUIRED AREA FOR PARKING (FOR EWS TOWER 4) : TOTAL FLATS = 76 REQUIRED PARKING = 3 SQ.MT./FLAT X 76 = 222 SQ.MT.</p> <p>PARKING AREA AVAILABLE (FOR EWS TOWER 4) : TOWER 4 GROUND FLOOR = 513.97 SQ.MT.</p>	<p>TOTAL BUILT-UP AREA FOR PARKING (FOR EWS TOWER 4) : TOWER 4 TYPICAL FLOORS + TOWER EIGHTH FLOOR = 4307.00 SQ.MT.</p> <p>REQUIRED AREA FOR PARKING (FOR EWS TOWER 4) : TOTAL FLATS = 76 REQUIRED PARKING = 3 SQ.MT./FLAT X 76 = 222 SQ.MT.</p> <p>PARKING AREA AVAILABLE (FOR EWS TOWER 4) : TOWER 4 GROUND FLOOR = 513.97 SQ.MT.</p>
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- LEGEND FOR FIRE FIGHTING.**
- (1) UNDER GROUND WATER STATIC TANK FOR FIRE FIGHTING Tower-1 & Tower-4 (Comm.) 1,50,000LTR EACH COMM. TOWER
 - UNDER GROUND WATER STATIC TANK FOR FIRE FIGHTING Tower-2 & Tower-3 (Resd.) 75,000LTR EACH Resd. TOWER
 - W/ RISING SYSTEM WITH FIRE HYDRANT
 - HOSE REEL
 - ISI MARKED FIRE EXT.
 - YARD HYDRANT
 - AUTOMATIC SPRINKLER INSTALLATION
 - MANUAL CALL ALARM POINT
 - F.R. CHECK DOOR
 - SIAMSE CONNECTION
 - EMERGENCY LIGHTING SYSTEM
 - AUTOMATIC DEDUCTION & ALARM SYSTEM
 - FIRE RESISTANCE CHECK DOOR
 - P.A. SYSTEM
 - ILLUMINATED EXIT SING
 - SPRINKLER SYSTEM
 - SMOKE DETECTOR
 - EMERGENCY LIGHT
 - OVER HEAD WATER TANK (For Fire Fighting) (25,000LTR FOR EACH TOWER)

1,50,000LTR
75,000LTR
25,000LTR

PROPOSED RESIDENTIAL CUM COMMERCIAL BUILDING ON THE PLOTS OF LAND OWNERS

- | | |
|---|---|
| <p>1) SRI NARENDRA KUMAR
S/O LATE RAJENDRA PRASAD SINGH
2) SRI SUDHANSHU BHUSHAN SINHA
S/O LATE RAGHUHAR KISHORE SINGH
3) SRI GOPAL PRASAD SAH
S/O LATE RAM KRIPAL SAH
4) SRI ASHOK KUMAR SINGH
5) SRI AJAY KUMAR SINGH
6) SRI ARUN KUMAR SINGH
ALL S/O LATE SARWANAND SINGH
7) SMT SANJU KUMARI
W/O SRI JITTENDRA SINGH
8) SRI VINAY KUMAR SINGH
9) SRI PRAMOD KUMAR SINGH
BOTH S/O LATE PARMANAND SINGH
10) SMT. BINDU DEVI
W/O SRI SHIV KUMAR SINGH
11) SMT LALTI DEVI
W/O LATE HIRA NAND MISHRA
12) SRI GOPAL KRISHNA MISHRA
S/O LATE HIRA NAND MISHRA
13) SMT SUMITRA DEVI
W/O SRI NATH THAKUR
14) SMT LALMANI DEVI
W/O SRI MADHUSUDHAN THAKUR
15) SMT PHULMATI DEVI
W/O SRI SADHU THAKUR
16) SRI SURENDRA KUMAR SINGH
S/O LATE JAGDISH SINGH
17) SRI RAJ KUMAR SINGH
S/O LATE RAM NARAYAN SINGH</p> | <p>18) SRI SUNIL KUMAR
S/O LATE JAGNARAYAN SINGH
19) SRI SHAILENDRA KUMAR SINGH
S/O LATE JEET NARAYAN SINGH
20) SRI BIDYA BHUSHAN SINGH
21) SRI RANJEET KUMAR SINGH
BOTH S/O LATE MITHASARAN SINGH
22) SRI SURENDRA KUMAR SINGH
S/O LATE NAURANGI SINGH
23) SRI AMIT KUMAR
24) SRI MANISH KUMAR
BOTH S/O SRI ARJUN LAL SINGH
25) SRI NARENDRA KUMAR
S/O LATE RAJENDRA PRASAD SINGH
26) SRI VINAY KUMAR
S/O LATE RAMJATAN SINGH
27) SRI BINOD KUMAR
28) SRI VINAY KUMAR
29) SMT DILIP KUMAR
30) SRI RANJEET KUMAR
ALL S/O LATE PREM CHANDRA PRASAD
31) SRI AJAY KUMAR
32) SRI ARVIND KUMAR
BOTH S/O LATE UMESH PRASAD YADAV
33) SMT NIRMALA KUMARI
W/O LATE ASHOK KUMAR
34) SRI BIKRANT ROY
35) SRI BIJAY KUMAR
BOTH S/O SRI DINESH PRASAD
36) SRI NIRMAL PRASAD
S/O LATE DEVNATH PRASAD</p> |
|---|---|

AT MAUZA - MUSTAFAPUR, THANA- DANAPUR(OLD), KHAGAU(NEW)
THANA NO - 36
KHATA NO - 277,190,197,260,270,170,180,177,195,191, TAUZI NO- 5276

S.PLOT NO - 596, 580, 593, 594, 595, 592, 591, 590, 589, 600, 601 (P)
DISTT.- PATNA
DEVELOPER -
M/S- KUMAR CONSTRUCTION
PARTNER- SRI VINAY KUMAR
S/O- LATE RAM JATAN SINGH
OFFICE - MANGAL MARKET, SHEIKHPURA, BAILEY ROAD, SHASTRI NAGAR, PATNA(BIHAR)

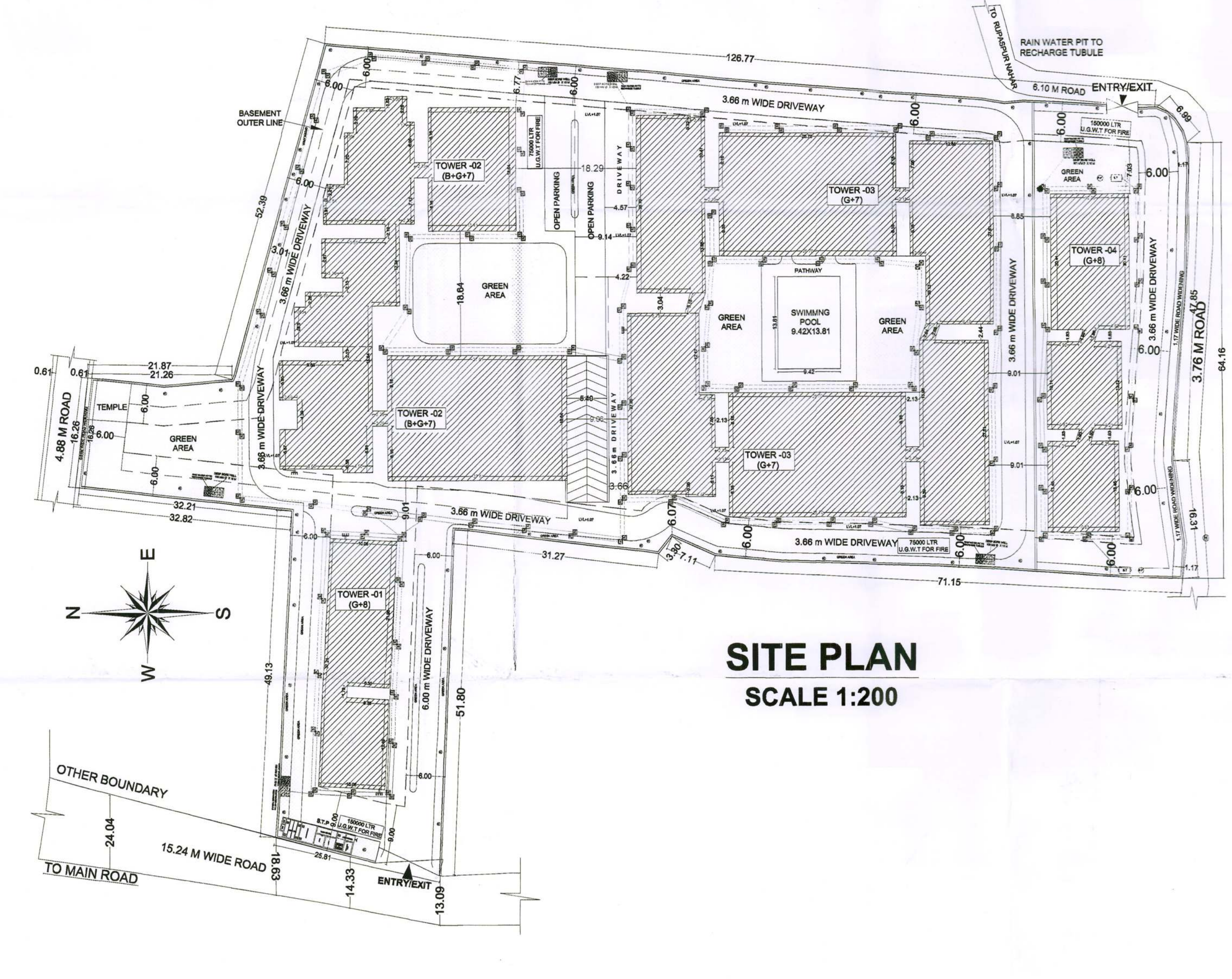
SCALE- N.T.S	NORTH	SHEET NO. 1 / 13
SIGNATURE OF OWNER/DEVELOPER	SIGNATURE OF ARCHITECT/ENGINEER	SIGNATURE OF STRUCTURAL ENGINEER

Patna Metropolitan Area Authority
Sanction of Plan case no. (MMA/PATNA) 2023/PUR/75/2022
dated... 22.10.2022...
Development Control Regulations for Patna
Master Plan 2031 (Byelaws no 8(4) of Bihar Building Byelaws 2014) vide notification no 831/532 dated 23.10.2016 on Date... 22.10.2022...

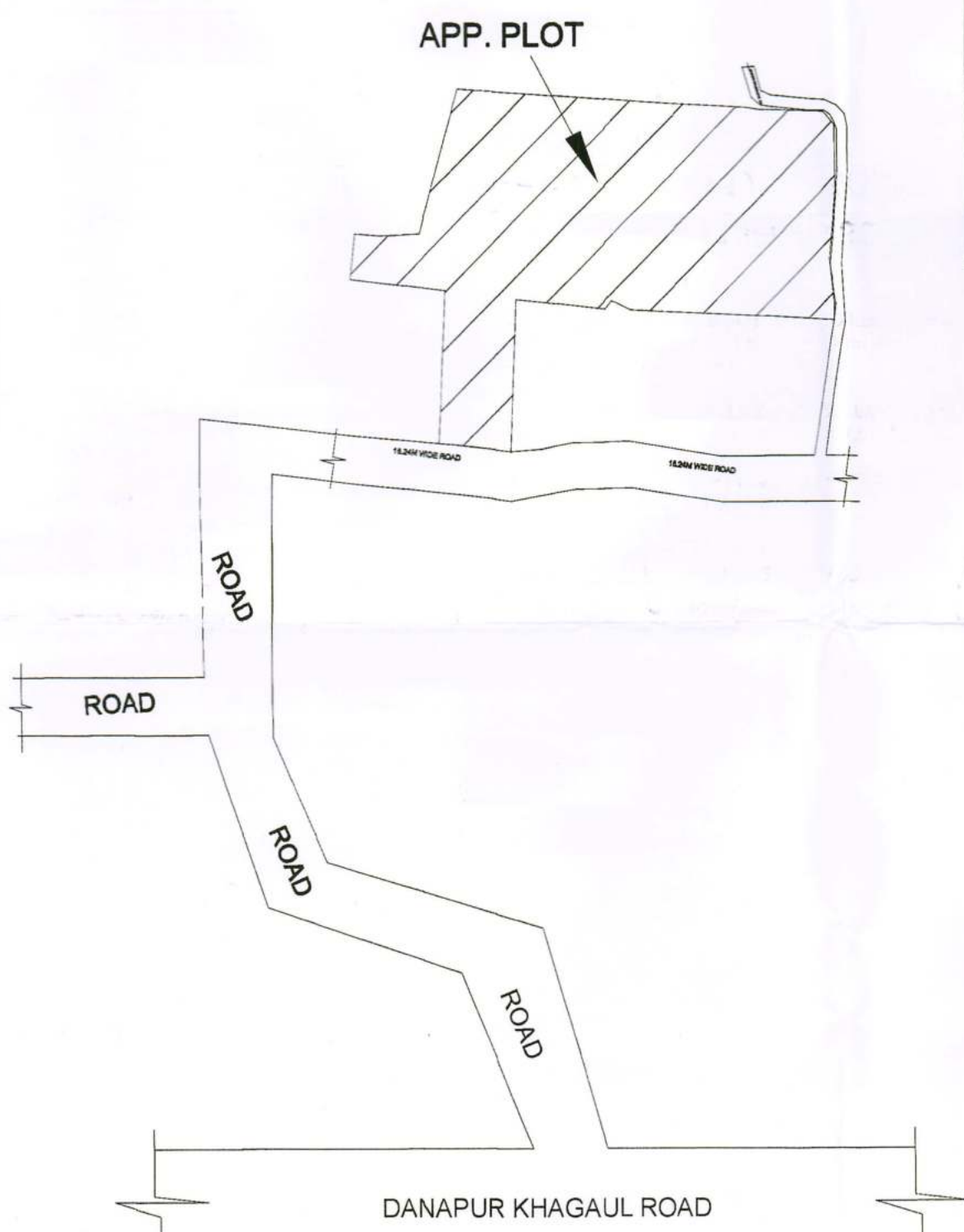
बिहार भू-सम्पदा (विनियमन विकास) नियामक, 2017 की धारों के अधीन राज्य में गठित विनियमन प्राधिकरण से इस परियोजना का अनिवार्य होगा।

प्रभाषी निदेशक
पटना महानगर क्षेत्र प्राधिकरण

M/S KUMAR CONSTRUCTION
Vinay Kumar
PARTNER



SITE PLAN
SCALE 1:200



LOCATION PLAN
NTS



SEPTIC TANK CALCULATION

RAIN WATER HARVESTING CALCULATION

DOORS & WINDOWS SCHEDULE

TOWER - 2

BASEMENT FLOOR BUILT UP AREA	=	25.67 SQ.MT.
GROUND FLOOR BUILT UP AREA	=	85.04 SQ.MT.
FIRST FLOOR BUILT UP AREA	=	1371.76 SQ.MT.
SECOND FLOOR BUILT UP AREA	=	1371.76 SQ.MT.
THIRD FLOOR BUILT UP AREA	=	1371.76 SQ.MT.
FOURTH FLOOR BUILT UP AREA	=	1371.76 SQ.MT.
FIFTH FLOOR BUILT UP AREA	=	1371.76 SQ.MT.
SIXTH FLOOR BUILT UP AREA	=	1371.76 SQ.MT.
SEVENTH FLOOR BUILT UP AREA	=	1371.76 SQ.MT.
TOTAL BUILT UP AREA	=	9713.03 SQ. MT.

सहायक अभियंता
पटना महानगर क्षेत्र प्राधिकार

M/S KUMAR CONSTRUCTION
Vinay Kumar
PARTNER

प्रभारी निदेशक
पटना महानगर क्षेत्र प्राधिकार

TOWER - 2

BASEMENT FLOOR BUILT UP AREA	=	25.67 SQ.MT.
GROUND FLOOR BUILT UP AREA	=	85.04 SQ.MT.
FIRST FLOOR BUILT UP AREA	=	1371.76 SQ.MT.
SECOND FLOOR BUILT UP AREA	=	1371.76 SQ.MT.
THIRD FLOOR BUILT UP AREA	=	1371.76 SQ.MT.
FOURTH FLOOR BUILT UP AREA	=	1371.76 SQ.MT.
FIFTH FLOOR BUILT UP AREA	=	1371.76 SQ.MT.
SIXTH FLOOR BUILT UP AREA	=	1371.76 SQ.MT.
SEVENTH FLOOR BUILT UP AREA	=	1371.76 SQ.MT.
TOTAL BUILT UP AREA	=	9713.03 SQ. MT.

SPECIFICATIONS

- (1) FOUNDATION :- R.C.C. U/R GROUP PILE FOUNDATION/RAFT/ ISOLATED AS/STRUCTURE DESIGN
(2) SUPER STRUCTURE :- 1ST. CLASS BRICK WORK IN SUPER STRUCTURE WITH CEMENT MORTAR
(3) PLINTH :- HEIGHT P. LEV. & G. LEV. AS SHOWN IN SECTION.
(4) FLOORING :- 25mm. TH. MOSAIC FLOORING OVER 125mm. TH. DRY RAMMED KHOA OVER 75mm. TH. B. F. S. OVER SAND FILLING.
(5) DOORS :- CHOWKHATS OF DOOR TO BE SAL WOOD/M.S
(6) WINDOWS :- ALL WINDOWS TO BE FULLY GLAZED IN STEEL
(7) ROOF :- 100mm. TH. R.C.C. SLAB, 100 mm. TH. AVG. LIME TERRACING
(8) PLASTER :- 12mm. TH. CEMENT PLASTER ON BOTH SIDE OF WALL
(9) COLOUR :- COLOUR OR WHITE WASH AS/CHOICE

SEPTIC TANK CALCULATION

TOTAL NOS. OF OCCUPANT 420 PERSONS
REQUIREMENT OF SEPTIC TANK FOR 420 PERSONS
@ 0.087 CUM. PER PERSONS PER DAY = 420 X 0.087 = 36.54 CUM
DETAIL SIZE OF SEPTIC TANK -
L. 3.50 X W. 2.50 X H. 1.50 x 3 = 39.375 LITRE = 39.38 CUM

RAIN WATER HARVESTING CALCULATION

TERRACE AREA = 1394.81 SQ.MT.
REQUIRED WATER HARVESTING CAPACITY 6 CUM FOR 100 SQ.MT.
TERRACE AREA, TOTAL TERRACE = 1394.81 SQ.MT.
REQUIRED WATER HARVESTING = 1394.81 X 6/100 = 83.69 CUM.
PROVIDED RAIN WATER HARVESTING SIZE & NOS. (AS PER CALCULATION) :-
SIZE - 3M DIA & 3M DEPTH
TOTAL NOS. OF RECHARGE WELL - 4 NOS.
TOTAL VOLUME = 3.00 X 1.5 X 3.14 X 4 CUM = 84.78 CUM.

DOORS & WINDOWS SCHEDULE

SL.NO	SYMBOL	WIDTH	HEIGHT	SILL LEVEL	LINTEL LEVEL
1.	D0	1.22	2.34	0.0	2.34
2.	D1	1.07	2.39	0.0	2.39
3.	D2	0.91	2.39	0.0	2.39
4.	D2'	0.91	2.34	0.0	2.34
5.	D3	0.76	2.39	0.0	2.39
6.	W1	1.52	1.47	0.91	2.39
7.	W2	0.91	1.47	0.91	2.39
8.	W3	0.91	1.32	1.07	2.39
9.	V	0.61	0.86	1.52	2.39

SPECIFICATIONS

- (1) FOUNDATION :- R.C.C. U/R GROUP PILE FOUNDATION/RAFT/ ISOLATED AS/STRUCTURE DESIGN
(2) SUPER STRUCTURE :- 1ST. CLASS BRICK WORK IN SUPER STRUCTURE WITH CEMENT MORTAR
(3) PLINTH :- HEIGHT P. LEV. & G. LEV. AS SHOWN IN SECTION.
(4) FLOORING :- 25mm. TH. MOSAIC FLOORING OVER 125mm. TH. DRY RAMMED KHOA OVER 75mm. TH. B. F. S. OVER SAND FILLING.
(5) DOORS :- CHOWKHATS OF DOOR TO BE SAL WOOD/M.S
(6) WINDOWS :- ALL WINDOWS TO BE FULLY GLAZED IN STEEL
(7) ROOF :- 100mm. TH. R.C.C. SLAB, 100 mm. TH. AVG. LIME TERRACING
(8) PLASTER :- 12mm. TH. CEMENT PLASTER ON BOTH SIDE OF WALL
(9) COLOUR :- COLOUR OR WHITE WASH AS/CHOICE

PROPOSED RESIDENTIAL CUM COMMERCIAL BUILDING ON THE PLOTS OF LAND OWNERS

1) SRI HARENDRA KUMAR
S/O - LATE RAJENDRA PRASAD SINGH
2) SRI SUDHANSHU BHUSHAN SINHA
S/O - LATE RAGHUJAN KISHORE SINGH
3) SRI GOPAL PRASAD SAH
S/O - LATE RAM KRIPAL SAH
4) SRI ASHOK KUMAR SINGH
S/O - LATE RAM KUMAR SINGH
5) SRI ARUN KUMAR SINGH
S/O - LATE SARWANAND SINGH
6) SMT SANJU KUMARI
W/O - SRI JITENDRA SINGH
7) SRI VINAY KUMAR SINGH
S/O - LATE RAM NARAYAN SINGH
8) SRI PRAMOD KUMAR SINGH
S/O - LATE PARMANAND SINGH
9) SMT. BINDU DEVI
W/O - SRI SHIV KUMAR SINGH
10) SMT. LALTI DEVI
W/O - LATE HIRA NAND MISHRA
11) SRI GOPAL KRISHNA MISHRA
S/O - LATE HIRA NANDAN MISHRA
12) SMT. SUMITRA DEVI
W/O - SRI NATH THAKUR
13) SMT. LALMANI DEVI
W/O - SRI MADHUSUDHAN THAKUR
14) SMT. PHULMATI DEVI
W/O - SRI SADHU THAKUR
15) SRI SURENDRA KUMAR SINGH
S/O - LATE JAGDISH SINGH
16) SRI RAJ KUMAR SINGH
S/O - LATE RAM NARAYAN SINGH

18) SRI SUNIL KUMAR
S/O - LATE JAGNARAYAN SINGH
19) SRI SHAILENDRA KUMAR SINGH
S/O - LATE JEET NARAYAN SINGH
20) SRI BIDYA BHUSHAN SINGH
S/O - LATE RAM KUMAR SINGH
21) SRI RANJEET KUMAR SINGH
S/O - LATE MITHASARAN SINGH
22) SRI SURENDRA KUMAR SINGH
S/O - LATE NAURANGI SINGH
23) SRI AMIT KUMAR
S/O - LATE RAMANAND SINGH
24) SRI MANISH KUMAR
S/O - LATE ARJUN LAL SINGH
25) SRI HARENDRA KUMAR
S/O - LATE RAJENDRA PRASAD SINGH
26) SRI VINAY KUMAR
S/O - LATE RAMANAND SINGH
27) SRI BINDU KUMAR
S/O - LATE PREM CHANDRA PRASAD
28) SRI VINAY KUMAR
S/O - LATE PREM CHANDRA PRASAD
29) SRI DIPIL KUMAR
S/O - LATE PREM CHANDRA PRASAD
30) SRI RANJEET KUMAR
S/O - LATE PREM CHANDRA PRASAD
31) SRI AJAY KUMAR
S/O - LATE PREM CHANDRA PRASAD
32) SRI ARVIND KUMAR
S/O - LATE UMESH PRASAD YADAV
33) SMT. NIRMALA KUMARI
W/O - LATE ASHOK KUMAR
34) SRI BIKRANT ROY
S/O - LATE UMESH PRASAD YADAV
35) SRI BIJAY KUMAR
S/O - LATE UMESH PRASAD YADAV
36) SRI NIRMAL PRASAD
S/O - LATE DEVNATH PRASAD

AT MAUZA - MUSTAFAPUR, THANA- DANAPUR(OLD), KHAGAU(NEW)
THANA NO - 36
KHATA NO - 277,190,197,260,270,170,180,177,195,191, TAUZI NO- 5276
S.PLOT NO - 596, 580, 593, 594, 595, 592, 591, 590, 589, 600, 601(P)
DISTT.- PATNA

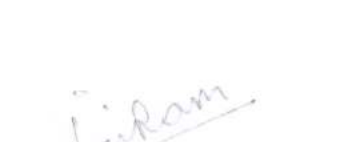
DEVELOPER -

M/S- KUMAR CONSTRUCTION

PARTNER- SRI VINAY KUMAR

S/O- LATE RAM JATAN SINGH

OFFICE - MANGAL MARKET, SHEIKHPURA, BAILEY ROAD,
SHASTRI NAGAR, PATNA(BIHAR)

SCALE-	NORTH	SHEET NO.
N.T.S	N	8 / 13
 Kumar Construction Reg. No. 88/UP/2018/23-02/1 Urban Development & Housing Dept. Patna, Bihar	 Jatin Kumar Reg. No. 88/UP/2018/23-02/1 Urban Development & Housing Dept. Patna, Bihar	 DR. SHAILESH RAMAN, M.T.E. STRUCTURE ENGINEER EMP. NO.-BR/UP/2018/23-02/1 UDHD, BIHAR (PATNA)
SIGNATURE OF OWNER/DEVELOPER	SIGNATURE OF ARCHITECT/ENGINEER	SIGNATURE OF STRUCTURAL ENGINEER

Patna Metropolitan Area Authority

Sanction of Plan case no. 22/2022/2022

dated. 22.12.2022

Development Control Regulations for Patna

Master Plan 2031 (Byelaws no 24) of Bihar Building

Byelaws 2014) vide notification no 831/832

dated 28.10.2016 on Date. 22.12.2022

बिहार सू-सम्पदा (विनियमन विकास)
नियामक, 2017 की शर्तों के अधीन
राज्य में गठित विनियमन प्राधिकरण
से इस परियोजना की निबंधन
अनुमति होगी।

M/S KUMAR CONSTRUCTION

Vinay Kumar

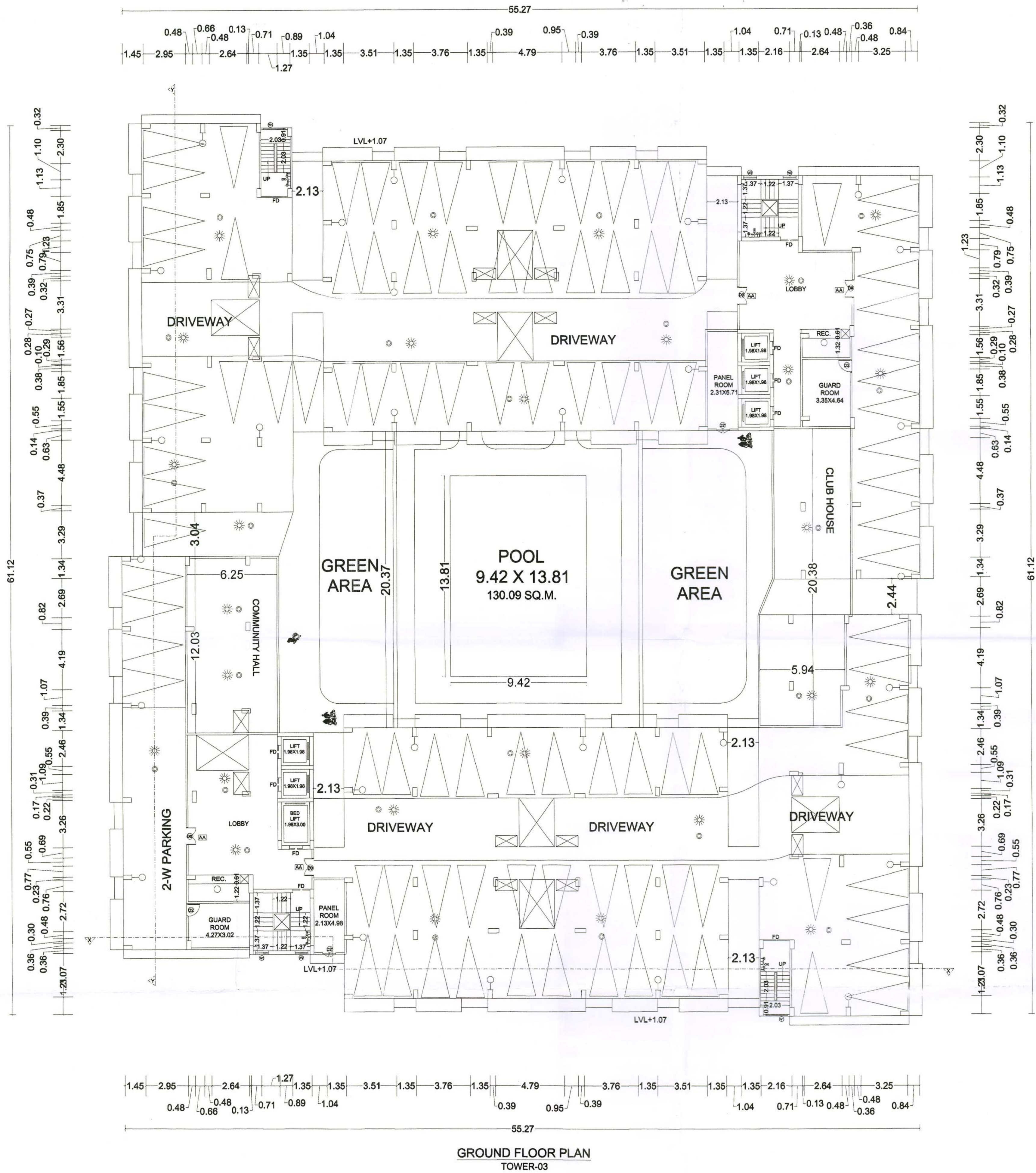
PARTNER

सहायक अभियंता

पटना महानगर क्षेत्र प्राधिकरण

प्रमोदी निदेशक

पटना महानगर क्षेत्र प्राधिकरण



GROUND FLOOR PLAN
TOWER-03

SEPTIC TANK CALCULATION

TOTAL NOS. OF OCCUPANT 560 PERSONS
REQUIREMENT OF SEPTIC TANK FOR 560 PERSONS
@ 0.087 CUM. PER PERSONS PER DAY = 560 X 0.087 = 48.72 CUM
DETAIL SIZE OF SEPTIC TANK -
L. 3.50 X W. 2.50 X H. 1.50 x 4 = 52500 LITRE = 52.50 CUM

RAIN WATER HARVESTING CALCULATION

TERRACE AREA = 2230.05 SQ. MT.
REQUIRED WATER HARVESTING CAPACITY 6 CUM FOR 100 SQ.MT.
TERRACE AREA, TOTAL TERRACE = 2230.05 SQ.MT.
REQUIRED WATER HARVESTING = 2230.05 x 6/100 = 133.80 CUM.
PROVIDED RAIN WATER HARVESTING SIZE & NOS.(AS PER CALCULATION) :-
SIZE - 3M DIA & 3M DEPTH
TOTAL NOS. OF RECHARGE WELL - 7 NOS.
TOTAL VOLUME = 3.00 X 1.5 X 1.5 X 3.14 X 7 CUM = 148.37 CUM.

SPECIFICATIONS

- (1) FOUNDATION :- R.C.C. UR GROUP PILE FOUNDATION/RAFT/ ISOLATED AS STRUCTURE DESIGN
- (2) SUPER STRUCTURE :- 1ST. CLASS BRICK WORK IN SUPER STRUCTURE WITH CEMENT MORTAR
- (3) PLINTH :- HEIGHT P. LEV. & G. LEV. AS SHOWN IN SECTION.
- (4) FLOORING :- 25mm TH. MOSAIC FLOORING OVER 125mm TH. DRY RAMMED KHOA OVER 75mm TH. B. F. S. OVER SAND FILLING.
- (5) DOORS :- CHOWKATS OF DOOR TO BE SAL WOOD/M.S
- (6) WINDOWS :- ALL WINDOWS TO BE FULLY GLAZED IN STEEL
- (7) ROOF :- 100mm TH. R.C.C. SLAB, 100 mm TH. AVG. LIME TERRACING OVER.
- (8) PLASTER :- 12mm TH. CEMENT PLASTER ON BOTH SIDE OF WALL
- (9) COLOUR :- COLOUR OR WHITE WASH AS/CHOICE

DOORS & WINDOWS SCHEDULE

SL.NO	SYMBOL	WIDTH	HEIGHT	SILL LEVEL	LINTEL LEVEL
1.	D0	1.22	2.34	0.0	2.34
2.	D1	1.07	2.39	0.0	2.39
3.	D2	0.91	2.39	0.0	2.39
4.	D2'	0.91	2.34	0.0	2.34
5.	D3	0.76	2.39	0.0	2.39
6.	W1	1.52	1.47	0.91	2.39
7.	W2	0.91	1.47	0.91	2.39
8.	W3	0.91	1.32	1.07	2.39
9.	V	0.61	0.86	1.52	2.39

TOWER - 3

GROUND FLOOR BUILT UP AREA = 302.67 SQ.MT.
FIRST FLOOR BUILT UP AREA = 2178.41 SQ.MT.
SECOND FLOOR BUILT UP AREA = 2178.41 SQ.MT.
THIRD FLOOR BUILT UP AREA = 2178.41 SQ.MT.
FOURTH FLOOR BUILT UP AREA = 2178.41 SQ.MT.
FIFTH FLOOR BUILT UP AREA = 2178.41 SQ.MT.
SIXTH FLOOR BUILT UP AREA = 2178.41 SQ.MT.
SEVENTH FLOOR BUILT UP AREA = 2178.41 SQ.MT.
TOTAL BUILT UP AREA = 15551.54 SQ. MT.

PROPOSED RESIDENTIAL CUM COMMERCIAL BUILDING ON THE PLOTS OF LAND OWNERS

- | | |
|---|--|
| 1) SRI NARENDRA KUMAR
S/O- LATE RAJENDRA PRASAD SINGH
2) SRI SUDHANSHU BHUSHAN SINHA
S/O- LATE RAGHUHAR KISHORE SINGH
3) SRI GOPAL PRASAD SAH
S/O- LATE RAM KRIPAL SAH
4) SRI ASHOK KUMAR SINGH
5) SRI AJAY KUMAR SINGH
6) SRI ARUN KUMAR SINGH
ALL S/O- LATE SARWANAND SINGH
7) SMT SANJU KUMARI
W/O- SRI JITENDRA SINGH
8) SRI VINAY KUMAR SINGH
9) SRI PRAMOD KUMAR SINGH
BOTH S/O- LATE PARMANAND SINGH
10) SMT. BINDU DEVI
W/O- SRI SHIV KUMAR SINGH
11) SMT LALTI DEVI
W/O- LATE HIRA NAND MISHRA
12) SRI GOPAL KRISHNA MISHRA
S/O- LATE HIRA NANDAN MISHRA
13) SMT SUMITRA DEVI
W/O- SRI NATH THAKUR
14) SMT LALMANI DEVI
W/O- SRI MADHUSUDHAN THAKUR
15) SMT PHULMATI DEVI
W/O- SRI SACHU THAKUR
16) SRI SURENDRA KUMAR SINGH
S/O- LATE JAGDISH SINGH
17) SRI RAJ KUMAR SINGH
S/O- LATE RAM NARAYAN SINGH | 18) SRI SUNIL KUMAR
S/O LATE JAGNARAYAN SINGH
19) SRI SHAILENDRA KUMAR SINGH
S/O- LATE JEET NARAYAN SINGH
20) SRI BIDYA BHUSHAN SINGH
21) SRI RANJEET KUMAR SINGH
BOTH S/O- LATE MITHLASARAN SINGH
22) SRI SURENDRA KUMAR SINGH
S/O- LATE NAURANGI SINGH
23) SRI AMIT KUMAR
24) SRI MANISH KUMAR
BOTH S/O- SRI ARJUN LAL SINGH
25) SRI NARENDRA KUMAR
S/O- LATE RAJENDRA PRASAD SINGH
26) SRI VINAY KUMAR
S/O- LATE RAMJATAN SINGH
27) SRI BINOD KUMAR
28) SRI VINAY KUMARI
29) SRI DILIP KUMAR
30) SRI RANJEET KUMAR
ALL S/O- LATE PREM CHANDRA PRASAD
31) SRI AJAY KUMAR
32) SRI ARVIND KUMAR
BOTH S/O- LATE UMESH PRASAD YADAV
33) SMT NIRMALA KUMARI
W/O- LATE ASHOK KUMAR
34) SRI BIKRANT ROY
35) SRI BIJAY KUMAR
BOTH S/O- SRI DINESH PRASAD
36) SRI NIRMAL PRASAD
S/O LATE DEVNATH PRASAD |
|---|--|

AT MAUZA - MUSTAFAPUR, THANA- DANAPUR(OLD), KHAGAU(NEW)
THANA NO - 36
KHATA NO - 277,190,197,260,270,170,180,177,195,191, TAUZI NO- 5276
S.PLOT NO - 596, 580, 593, 594, 595, 592, 591, 590, 589, 600, 601(P)
DISTT.- PATNA

DEVELOPER -
M/S- KUMAR CONSTRUCTION
PARTNER- SRI VINAY KUMAR
S/O- LATE RAM JATAN SINGH
OFFICE - MANGAL MARKET, SHEIKHPURA, BAILEY ROAD,
SHASTRI NAGAR, PATNA(BIHAR)

SCALE-	NORTH	SHEET NO.
N.T.S		9 / 13
Kumar Construction Reg. No. 23/05/2011, U.P. 23/02/81 Urban Development & Housing Dept. Patna, Bihar		ER. SHAILESH RANJAN, M.E. STRUCTURE ENGINEER EMP. NO. BRUH0352/23-0110 UDHD, BHAR (PATNA)
SIGNATURE OF OWNER/DEVELOPER	SIGNATURE OF ARCHITECT/ENGINEER	SIGNATURE OF STRUCTURAL ENGINEER

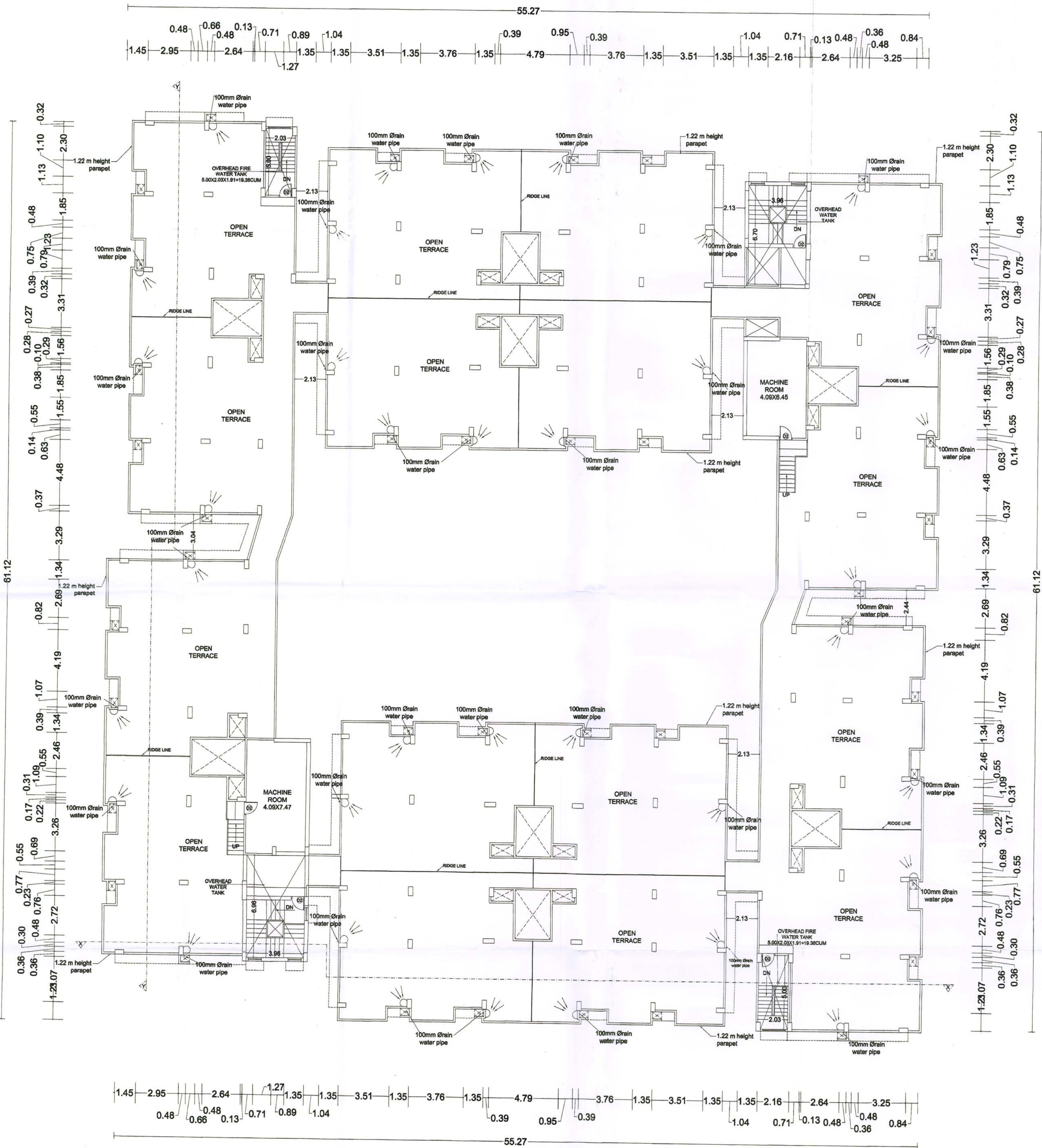
Patna Metropolitan Area Authority
Sanction of Plan case no. 23/05/2011, U.P. 23/02/81
dated, 23.12.2022, recorded under
Development Control Regulations for Patna
Master Plan 2031 (Byelaws no 8(4) of Bihar Building
Byelaws 2014) vide notification no 831/832
dated 28.10.2016 on Date, 23.06.2023.

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

सहायक अभियंता
पटना महानगर क्षेत्र प्राधिकरण

M/S KUMAR CONSTRUCTION
Vinay Kumar
PARTNER

प्रभारी निदेशक
पटना महानगर क्षेत्र प्राधिकरण



TERRACE FLOOR PLAN
TOWER-03

RAIN WATER HARVESTING CALCULATION
TERRACE AREA = 2230.05 SQ. MT.
REQUIRED WATER HARVESTING CAPACITY 6 CUM FOR 100 SQ.MT.
TERRACE AREA, TOTAL TERRACE = 2230.05 SQ.MT.
REQUIRED WATER HARVESTING = 2230.05 x 6/100 = 133.80 CUM.
PROVIDED RAIN WATER HARVESTING SIZE & NOS. (AS PER CALCULATION) :-
SIZE - 3M DIA & 3M DEPTH
TOTAL NOS. OF RECHARGE WELL - 7 NOS.
TOTAL VOLUME = 3.00 X 1.5 X 1.5 X 3.14 X 7 CUM. = 148.37 CUM.

SEPTIC TANK CALCULATION
TOTAL NOS. OF OCCUPANT 560 PERSONS
REQUIREMENT OF SEPTIC TANK FOR 560 PERSONS
@ 0.087 CUM. PER PERSONS PER DAY = 560 X 0.087 = 48.72 CUM
DETAIL SIZE OF SEPTIC TANK -
L. 3.50 X W. 2.50 X H. 1.50 x 4 = 52500 LITRE = 52.50 CUM

SPECIFICATIONS
(1) FOUNDATION - R.C.C. U/R GROUP PILE FOUNDATION/RAFT/ISOLATED AS/STRUCTURE DESIGN
(2) SUPER STRUCTURE - 1ST. CLASS BRICK WORK IN SUPER STRUCTURE WITH CEMENT MORTAR
(3) PLINTH - HEIGHT P. LEV. & G. LEV. AS SHOWN IN SECTION.
(4) FLOORING - 25mm TH. MOSAIC FLOORING OVER 125mm TH. DRY RAMMED KHOA OVER 75mm TH. F. S. OVER SAND FILLING.
(5) DOORS - CHOWKHATS OF DOOR TO BE SAL WOOD/D.S
(6) WINDOWS - ALL WINDOWS TO BE FULLY GLAZED IN STEEL
(7) ROOF - 100mm TH. R.C.C. SLAB, 100mm TH. AVG. LIME TERRACING OVER.
(8) PLASTER - 12mm TH. CEMENT PLASTER ON BOTH SIDE OF WALL
(9) COLOUR - COLOUR OF WHITE WASH AS/CHOICE

DOORS & WINDOWS SCHEDULE

SL.NO	SYMBOL	WIDTH	HEIGHT	SILL LEVEL	LINTEL LEVEL
1.	D0	1.22	2.34	0.0	2.34
2.	D1	1.07	2.39	0.0	2.39
3.	D2	0.91	2.39	0.0	2.39
4.	D2'	0.91	2.34	0.0	2.34
5.	D3	0.76	2.39	0.0	2.39
6.	W1	1.52	1.47	0.91	2.39
7.	W2	0.91	1.47	0.91	2.39
8.	W3	0.91	1.32	1.07	2.39
9.	V	0.61	0.86	1.52	2.39

TOWER - 3

GROUND FLOOR BUILT UP AREA = 302.67 SQ.MT.
FIRST FLOOR BUILT UP AREA = 2178.41 SQ.MT.
SECOND FLOOR BUILT UP AREA = 2178.41 SQ.MT.
THIRD FLOOR BUILT UP AREA = 2178.41 SQ.MT.
FOURTH FLOOR BUILT UP AREA = 2178.41 SQ.MT.
FIFTH FLOOR BUILT UP AREA = 2178.41 SQ.MT.
SIXTH FLOOR BUILT UP AREA = 2178.41 SQ.MT.
SEVENTH FLOOR BUILT UP AREA = 2178.41 SQ.MT.
TOTAL BUILT UP AREA = 15551.54 SQ. MT.

PROPOSED RESIDENTIAL CUM COMMERCIAL BUILDING ON THE PLOTS OF LAND OWNERS

- | | |
|---|--|
| 1) SRI NARENDRA KUMAR
S/O - LATE RAJENDRA PRASAD SINGH
2) SRI SUDHANSHU BHUSHAN SINHA
S/O - LATE RAGHUHAR KISHORE SINGH
3) SRI GOPAL PRASAD SAH
S/O - LATE RAM KRIPAL SAH
4) SRI ASHOK KUMAR SINGH
5) SRI AJAY KUMAR SINGH
6) SRI ARUN KUMAR SINGH
ALL S/O - LATE SARWANAND SINGH
7) SMT SANJU KUMARI
W/O - SRI JITENDRA SINGH
8) SRI VINAY KUMAR SINGH
9) SRI PRAMOD KUMAR SINGH
BOTH S/O - LATE PARMANAND SINGH
10) SMT. BINDU DEVI
W/O - SRI SHIV KUMAR SINGH
11) SMT LALTI DEVI
W/O - LATE HIRA NAND MISHRA
12) SRI GOPAL KRISHNA MISHRA
S/O - LATE HIRA NANDAN MISHRA
13) SMT SUMITRA DEVI
W/O - SRI NATH THAKUR
14) SMT LALMANI DEVI
W/O - SRI MADHUSUDHAN THAKUR
15) SMT PHULMATI DEVI
W/O - SRI SADHU THAKUR
16) SRI SURENDRA KUMAR SINGH
S/O - LATE JAGDISH SINGH
17) SRI RAJ KUMAR SINGH
S/O - LATE RAM NARAYAN SINGH | 18) SRI SUNIL KUMAR
S/O - LATE JAGNARAYAN SINGH
19) SRI SHAILENDRA KUMAR SINGH
S/O - LATE JEET NARAYAN SINGH
20) SRI BIDYA BHUSHAN SINGH
21) SRI RANJEET KUMAR SINGH
BOTH S/O - LATE MITHLASARAN SINGH
22) SRI SURENDRA KUMAR SINGH
S/O - LATE NAURANGI SINGH
23) SRI AMIT KUMAR
24) SRI MANISH KUMAR
BOTH S/O - SRI ARJUN LAL SINGH
25) SRI NARENDRA KUMAR
S/O - LATE RAJENDRA PRASAD SINGH
26) SRI VINAY KUMAR
S/O - LATE RAMJATAN SINGH
27) SRI BINOD KUMAR
28) SRI VINAY KUMARI
29) SRI DILIP KUMAR
30) SRI RANJEET KUMAR
ALL S/O - LATE PREM CHANDRA PRASAD
31) SRI AJAY KUMAR
32) SRI ARVIND KUMAR
BOTH S/O - LATE UMESH PRASAD YADAV
33) SMT NIRMALA KUMARI
W/O - LATE ASHOK KUMAR
34) SRI BIKRANT ROY
35) SRI BIJAY KUMAR
BOTH S/O - SRI DINESH PRASAD
36) SRI NIRMAL PRASAD
S/O - LATE DEVNATH PRASAD |
|---|--|

AT MAUZA - MUSTAFAPUR, THANA- DANAPUR(OLD), KHAGAUL(NEW)
THANA NO - 36
KHATA NO - 277,190,197,260,270,170,180,177,195,191, TAUZI NO- 5276
S.PLOT NO - 596, 580, 593, 594, 595, 592, 591, 590, 589, 600, 601(P)
DISTT.- PATNA

DEVELOPER -
M/S- KUMAR CONSTRUCTION
PARTNER- SRI VINAY KUMAR
S/O- LATE RAM JATAN SINGH
OFFICE - MANGAL MARKET, SHEIKHPURA, BAILEY ROAD,
SHASTRI NAGAR, PATNA(BIHAR)

SCALE- N.T.S	NORTH N	SHEET NO. 11 / 13
Signature of Owner/Developer Vinay Kumar Kumar Construction Reg. No. BR/UDHD/BLDR/23-0287 Urban Development & Housing Deptt. Patna, Bihar	Signature of Architect/Engineer Jai Ram ER. SHAILESH RANJAN, M.E. STRUCTURE ENGINEER EMP. NO. BR/UDHDSE/23-0110 UDHD, BIHAR (PATNA)	Signature of Structural Engineer Dr. Shish Ranjan

Patna Metropolitan Area Authority
Sanction of Plan case no. 23-0110/23-0287
dated 28.10.2016 on Date 23.06.2023
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 23.06.2023

विशेष नोट-सम्बंधी (विनियमन विकास)
नियमनवली, 2017 की शर्तों के अधीन
इस परियोजना का निबंधन
अनिवार्य होगा।

सहायक अभियंता
पटना महानगर क्षेत्र प्राधिकार

M/S KUMAR CONSTRUCTION
Vinay Kumar
PARTNER

प्रभासी निदेशक
पटना महानगर क्षेत्र प्राधिकार

TOWER - 03

GROUND FLOOR BUILT UP AREA = 302.67 SQ. MT.
FIRST FLOOR BUILT UP AREA = 2178.41 SQ. MT.
SECOND FLOOR BUILT UP AREA = 2178.41 SQ. MT.
THIRD FLOOR BUILT UP AREA = 2178.41 SQ. MT.
FOURTH FLOOR BUILT UP AREA = 2178.41 SQ. MT.
FIFTH FLOOR BUILT UP AREA = 2178.41 SQ. MT.
SIXTH FLOOR BUILT UP AREA = 2178.41 SQ. MT.
SEVENTH FLOOR BUILT UP AREA = 2178.41 SQ. MT.
TOTAL BUILT UP AREA = 15551.54 SQ. MT.

SEPTIC TANK CALCULATION
TOTAL NOS. OF OCCUPANT 560 PERSONS
REQUIREMENT OF SEPTIC TANK FOR 560 PERSONS
@ 0.087 CUM. PER PERSONS PER DAY = 560 X 0.087 = 48.72 CUM
DETAIL SIZE OF SEPTIC TANK -
L 3.50 X W. 2.50 X H. 1.50 x 4 = 52500 LITRE = 52.50 CUM

RAIN WATER HARVESTING CALCULATION
TERRACE AREA = 2230.05 SQ. MT.
REQUIRED WATER HARVESTING CAPACITY 6 CUM FOR 100 SQ. MT.
TERRACE AREA, TOTAL TERRACE = 2230.05 SQ. MT.
REQUIRED WATER HARVESTING = 2230.05 x 6/100 = 133.80 CUM
PROVIDED RAIN WATER HARVESTING SIZE & NOS. (AS PER CALCULATION):
SIZE - 3M DIA & 3M DEPTH
TOTAL NOS. OF RECHARGE WELL - 7 NOS
TOTAL VOLUME = 3.00 X 1.5 X 1.5 X 3.14 X 7 CUM = 148.57 CUM.

DOORS & WINDOWS SCHEDULE

SL.NO	SYMBOL	WIDTH	HEIGHT	BILL LEVEL	LINTEL LEVEL
1.	D0	1.22	2.34	0.0	2.34
2.	D1	1.07	2.39	0.0	2.39
3.	D2	0.91	2.39	0.0	2.39
4.	D2'	0.91	2.34	0.0	2.34
5.	D3	0.76	2.39	0.0	2.39
6.	W1	1.52	1.47	0.91	2.39
7.	W2	0.91	1.47	0.91	2.39
8.	W3	0.91	1.32	1.07	2.39
9.	V	0.61	0.86	1.52	2.39

SPECIFICATIONS

- (1) FOUNDATION : R.C.C. U/R GROUP PILE FOUNDATION/RAFT/ ISOLATED AS/STRUCTURE DESIGN
- (2) SUPER STRUCTURE : 1ST. CLASS BRICK WORK IN SUPER STRUCTURE WITH CEMENT MORTAR
- (3) PLINTH : HEIGHT P. LEV. & G. LEV. AS SHOWN IN SECTION.
- (4) FLOORING : 25mm.TH. MOSAIC FLOORING OVER 125mm. TH.DRY RAMMED KHOA OVER 75mm. TH. B. F. S. OVER SAND FILLING.
- (5) DOORS : CHOWKHATS OF DOOR TO BE SAL WOOD/M.S.
- (6) WINDOWS : ALL WINDOWS TO BE FULLY GLAZED IN STEEL
- (7) ROOF : 100mm. TH. R.C.C. SLAB, 100 mm. TH. AVG. LIME TERRACING
- (8) PLASTER : 12mm. TH. CEMENT PLASTER ON BOTH SIDE OF WALL
- (9) COLOUR : COLOUR OR WHITE WASH AS/CHOICE

PROPOSED RESIDENTIAL CUM COMMERCIAL BUILDING ON THE PLOTS OF LAND OWNERS

- | | |
|---|--|
| 1) SRI NARENDRA KUMAR
S/O - LATE RAJENDRA PRASAD SINGH
2) SRI SUDHANSHU BHUSHAN SINGH
S/O - LATE RAGHUHAR KISHORE SINGH
3) SRI GOPAL PRASAD SAH
S/O - LATE RAM KRIPAL SAH
4) SRI ASHOK KUMAR SINGH
5) SRI AJAY KUMAR SINGH
6) SRI ARJUN KUMAR SINGH
ALL S/O - LATE SARWANAND SINGH
7) SMT SANJU KUMAR
W/O - SRI JENDRA SINGH
8) SRI VINAY KUMAR SINGH
9) SRI PRAMOD KUMAR SINGH
BOTH S/O - LATE PARMANAND SINGH
10) SMT. BINDU DEVI
W/O - SRI SHIV KUMAR SINGH
11) SMT LALTI DEVI
W/O - LATE HIRA NANDAN MISHRA
12) SRI GOPAL KRISHNA MISHRA
S/O - LATE HIRA NANDAN MISHRA
13) SMT SUMITRA DEVI
W/O - SRI RATH THAKUR
14) SMT LALMAN DEVI
W/O - SRI MADHUSUDHAN THAKUR
15) SMT PHULMATI DEVI
W/O - SRI SACHIN THAKUR
16) SRI SURENDRA KUMAR SINGH
S/O - LATE JAGDISH SINGH
17) SRI RAJ KUMAR SINGH
S/O - LATE RAM NARAYAN SINGH | 18) SRI SUNIL KUMAR
S/O LATE JAGNARAYAN SINGH
19) SRI SHAILENDRA KUMAR SINGH
S/O - LATE JEET NARAYAN SINGH
20) SRI BIDYA BHUSHAN SINGH
21) SRI RANJEET KUMAR SINGH
BOTH S/O - LATE MITHALASARAN SINGH
22) SRI SURENDRA KUMAR SINGH
S/O - LATE NAURANGI SINGH
23) SRI AMIT KUMAR
24) SRI MANISH KUMAR
BOTH S/O - SRI ARJUN LAL SINGH
25) SRI NARENDRA KUMAR
S/O - LATE RAJENDRA PRASAD SINGH
26) SRI VINAY KUMAR
S/O - LATE RAMJATAN SINGH
27) SRI BINOD KUMAR
28) SRI VINAY KUMAR
29) SRI DIPIL KUMAR
30) SRI RANJEET KUMAR
ALL S/O - LATE PREM CHANDRA PRASAD
31) SRI AJAY KUMAR
32) SRI ARVIND KUMAR
BOTH S/O - LATE UMESH PRASAD YADAV
33) SMT NIRMALA KUMARI
W/O - LATE ASHOK KUMAR
34) SRI BIKRANT ROY
35) SRI BIJAY KUMAR
BOTH S/O - SRI DINESH PRASAD
36) SRI NIRMAL PRASAD
S/O LATE DEVNATH PRASAD |
|---|--|

AT MAUZA - MUSTAFAPUR, THANA- DANAPUR(OLD), KHAGAU(NEW)
THANA NO - 36
KHATA NO - 277,190,197,260,270,170,180,177,195,191, TAUZI NO- 5276
S.PLOT NO - 596, 580, 593, 594, 595, 592, 591, 590, 589, 600, 601(P)
DISTT. - PATNA

DEVELOPER -
M/S- KUMAR CONSTRUCTION
PARTNER- SRI VINAY KUMAR
S/O- LATE RAM JATAN SINGH
OFFICE - MANGAL MARKET, SHEIKHPURA, BAILEY ROAD,
SHASTRI NAGAR, PATNA(BIHAR)

SCALE- N.T.S	NORTH N	SHEET NO. 12 / 13
<i>Vinay Kumar</i> Kumar Construction Reg. No. BR/UDHD/BLUR/23-023 Urban Development & Housing Deptt. Patna, Bihar	<i>Jankam</i> ER. SHAILESH RANJAN, M.T.E. STRUCTURE ENGINEER EMP. NO. BR/UDHD/SE/23-0110 UDHD, BIHAR (PATNA)	<i>Shailash Ranjan</i> ER. SHAILESH RANJAN, M.T.E. STRUCTURE ENGINEER EMP. NO. BR/UDHD/SE/23-0110 UDHD, BIHAR (PATNA)
SIGNATURE OF OWNER/DEVELOPER	SIGNATURE OF ARCHITECT/ENGINEER	SIGNATURE OF STRUCTURAL ENGINEER

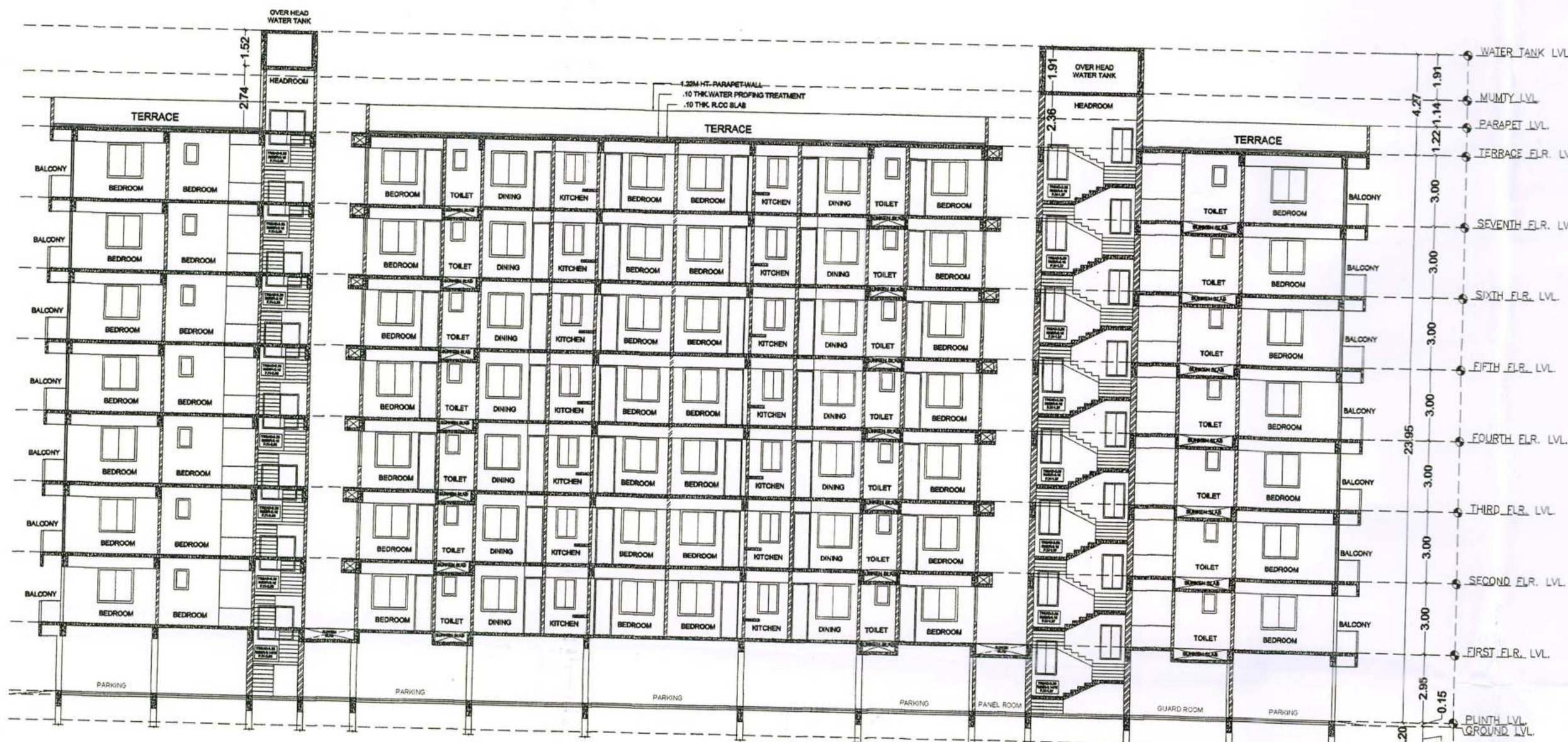
Patna Metropolitan Area Authority
Sanction of Plan case no. *22.11.2023* *22.11.2023*
dated. *22.11.2023* *22.11.2023* *22.11.2023*
Development Control Regulations for Patna
Master Plan 2031 (Byelaws no 4(4) of Bihar Building
Byelaws 2014) vide notification no 831/832
dated 28.10.2016 on Date. *22.11.2023*

विहार शू-सम्पदा (विनियमन विकास)
शियामबली, 2017 की शर्तों के अधीन
राज्य में शहरी विनियमन प्राधिकरण
में इस परियोजना का निबंधन
अनिवार्य होगा।

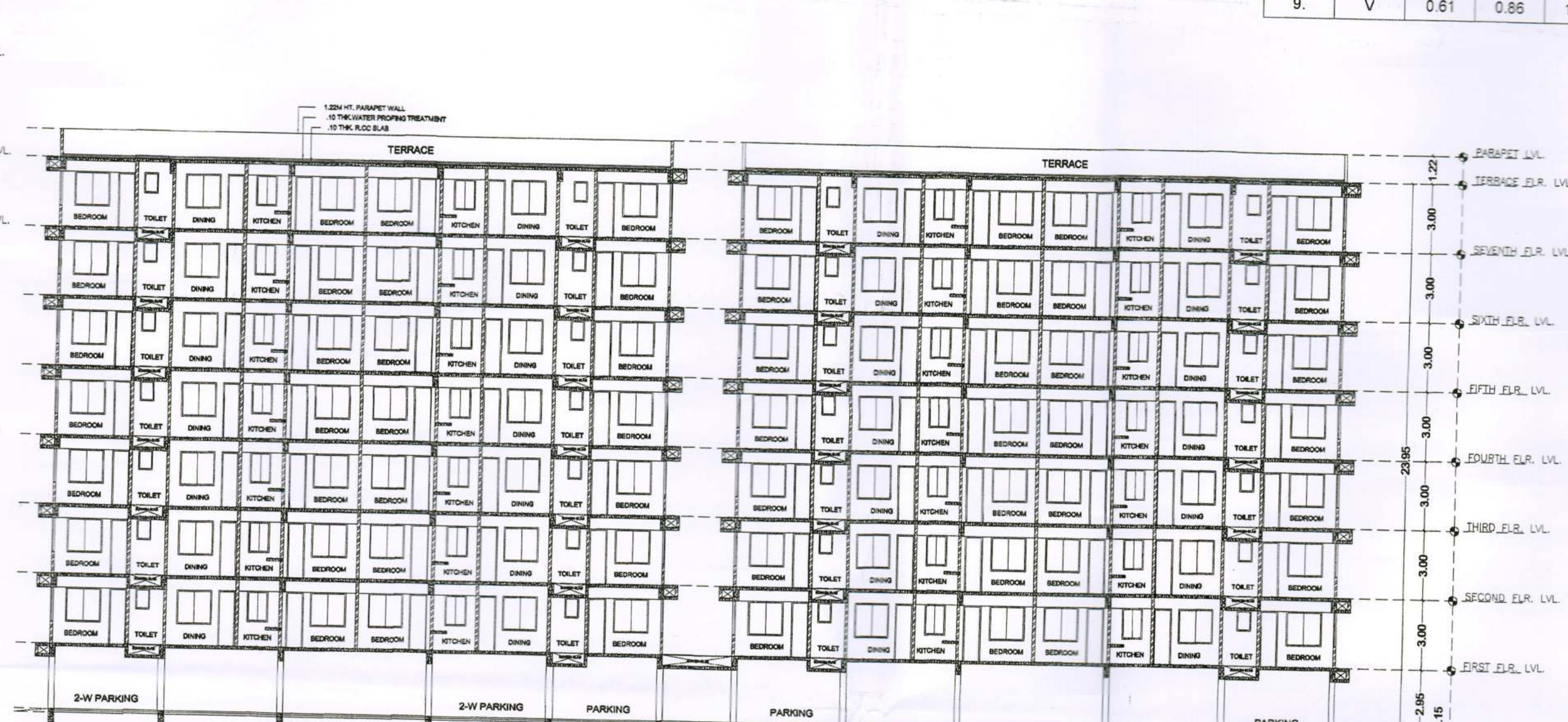
31/11/23
प्रशासी निदेशक
पटना महानगर क्षेत्र प्राधिकरण

22.11.2023
सहायक अभियंता
पटना महानगर क्षेत्र प्राधिकरण

M/S KUMAR CONSTRUCTION
Vinay Kumar
PARTNER



SECTION XX
TOWER-03



SECTION YY
TOWER-03



SOUTH SIDE ELEVATION
TOWER-03



WEST SIDE ELEVATION
TOWER-03

GROUND FLOOR BUILT UP AREA	59.73+314.30(commercial) SQ.MT.
FIRST FLOOR BUILT UP AREA	= 372.59 SQ.MT.
SECOND FLOOR BUILT UP AREA	= 372.59 SQ.MT.
THIRD FLOOR BUILT UP AREA	= 372.59 SQ.MT.
FOURTH FLOOR BUILT UP AREA	= 372.59 SQ.MT.
FIFTH FLOOR BUILT UP AREA	= 372.59 SQ.MT.
SIXTH FLOOR BUILT UP AREA	= 372.59 SQ.MT.
SEVENTH FLOOR BUILT UP AREA	= 372.59 SQ.MT.
EIGHTH FLOOR BUILT UP AREA	= 372.59 SQ.MT.
TOTAL BUILT UP AREA	= 3364.75 SQ. MT.

SEPTIC TANK CALCULATION
TOTAL NOS. OF OCCUPANT 151 PERSONS
REQUIREMENT OF SEPTIC TANK FOR 151 PERSONS
@ 0.087 CUM. PER PERSONS PER DAY = $151 \times 0.087 = 13.13$ CUM
DETAIL SIZE OF SEPTIC TANK -
L. 3.50 X W. 2.50 X H. 1.50 = 13125 LITRE = 13.13 CUM

RAIN WATER HARVESTING CALCULATION

TERRACE AREA = 375.82 SQ.MT.

REQUIRED WATER HARVESTING CAPACITY = 6 CUM FOR 100 SQ.MT.

TERRACE AREA, TOTAL TERRACE = 375.82 SQ.MT.

REQUIRED WATER HARVESTING = $375.82 \times 6/100 = 22.55 \text{ CUM.}$

PROVIDED RAIN WATER HARVESTING SIZE & NOS (AS PER CALCULATION) :-

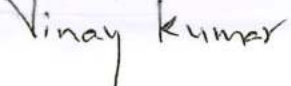
SIZE - $3 \text{M DIA} \times 3 \text{M DEPTH}$

TOTAL NOS. OF RECHARGE WELL - 2 NOS.

TOTAL VOLUME = $3.0 \times 1.5 \times 1.5 \times 3.14 \times 2 \text{ CUM.} = 42.39 \text{ CUM.}$

1) SRI NARENDRA KUMAR	5) SRI SUNIL KUMAR
S/O- LATE RAJENDRA PRASAD SINGH	S/O LATE JAGNARAYAN SINGH
2) SRI SUDHANSHU BHUSHAN SINHA	5) SRI SHAILENDRA KUMAR SINGH
S/O LATE RAJAGURU KISHORE SINHA	S/O- LATE JEET NARAYAN SINGH
3) SRI GOPAL PRASAD SINGH	20) SRI BIDYA BHAI SINGH
S/O- LATE RAM KRIPAL SAH	21) SRI RANJEET KUMAR SINGH
4) SRI ASHOK KUMAR SINGH	BOTH S/O- LATE MITHLASARAN SINGH
5) SRI AJAY KUMAR SINGH	22) SRI SURENDRA KUMAR SINGH
6) SRI ARUN KUMAR SINGH	S/O- LATE NAURANGI SINGH
ALL S/O- LATE SARVANAND SINGH	23) SRI AMIT KUMAR
7) SMT SANJU KUMARI	24) SRI MANISH KUMAR
W/O- SRI JITTENDRA SINGH	BOTH S/O- SRI ARJUN LAL SINGH
8) SRI VINAY KUMAR SINGH	5) SRI NARENDRA KUMAR
9) SRI PRAMOD KUMAR SINGH	S/O- LATE RAJENDRA PRASAD SINGH
BOTH S/O- LATE PARAMANAND SINGH	26) SRI VINAY KUMAR
10) SMT. BINDU DEVI	S/O- LATE RAMJATAN SINGH
W/O- SRI SHY KUMAR SINGH	27) SRI BINOD KUMAR
11) SMT. LALTI DEVI	28) SRI VINAY KUMAR
W/O- LATE HIRA NAND MISHTRA	29) SRI DILIP KUMAR
12) SRI GOPAL KRISHNA MISHTRA	30) SRI RANJEET KUMAR
S/O- LATE HIRA NAND MISHTRA	ALL S/O- LATE PREM CHANDRA PRASAD
13) SMT. SUMITRA DEVI	31) SRI AJAY KUMAR
W/O- SRI NATH THAKUR	32) SRI ARVIND KUMAR
14) SMT. LALINA DEVI	BOTH S/O- LATE UMESH PRASAD YADAV
W/O- SRI MADHUSILAN THAKUR	33) SMT NIRMALA KUMARI
15) SMT PHULMATI DEVI	W/O- LATE ASHOK KUMAR
W/O- SRI SADHU THAKUR	33) SRI BIKRANT ROY
16) SRI SURENDRA KUMAR SINGH	34) SRI BLAY KUMAR
S/O- LATE JAGDISH SINGH	BOTH S/O- SRI DINESH PRASAD
17) SRI RAJ KUMAR SINGH	36) SRI NIRMAL PRASAD
S/O- LATE RAM NARAYAN SINGH	S/O LATE DEVNATH PRASAD

DEVELOPER -
M/S- KUMAR CONSTRUCTION
PARTNER- SRI VINAY KUMAR
S/O- LATE RAM JATAN SINGH
OFFICE - MANGAL MARKET, SHEIKHPURA, BAILEY ROAD,
SHASTRI NAGAR, PATNA(BIHAR)

SCALE-	NORTH	SHEET NO.
N.T.S		4 / 13
 Kumar Construction Reg. No. BR/UDHD/BLDR/23-028 Urban Development & Housing Deptt. Patna, Bihar	 Dr. Jaishankar Prasad CCA Regd. No.-CA/2018/76515	
SIGNATURE OF OWNER/DEVELOPER	SIGNATURE OF ARCHITECT/ENGINEER	SIGNATURE OF STRUCTURAL ENGINEER

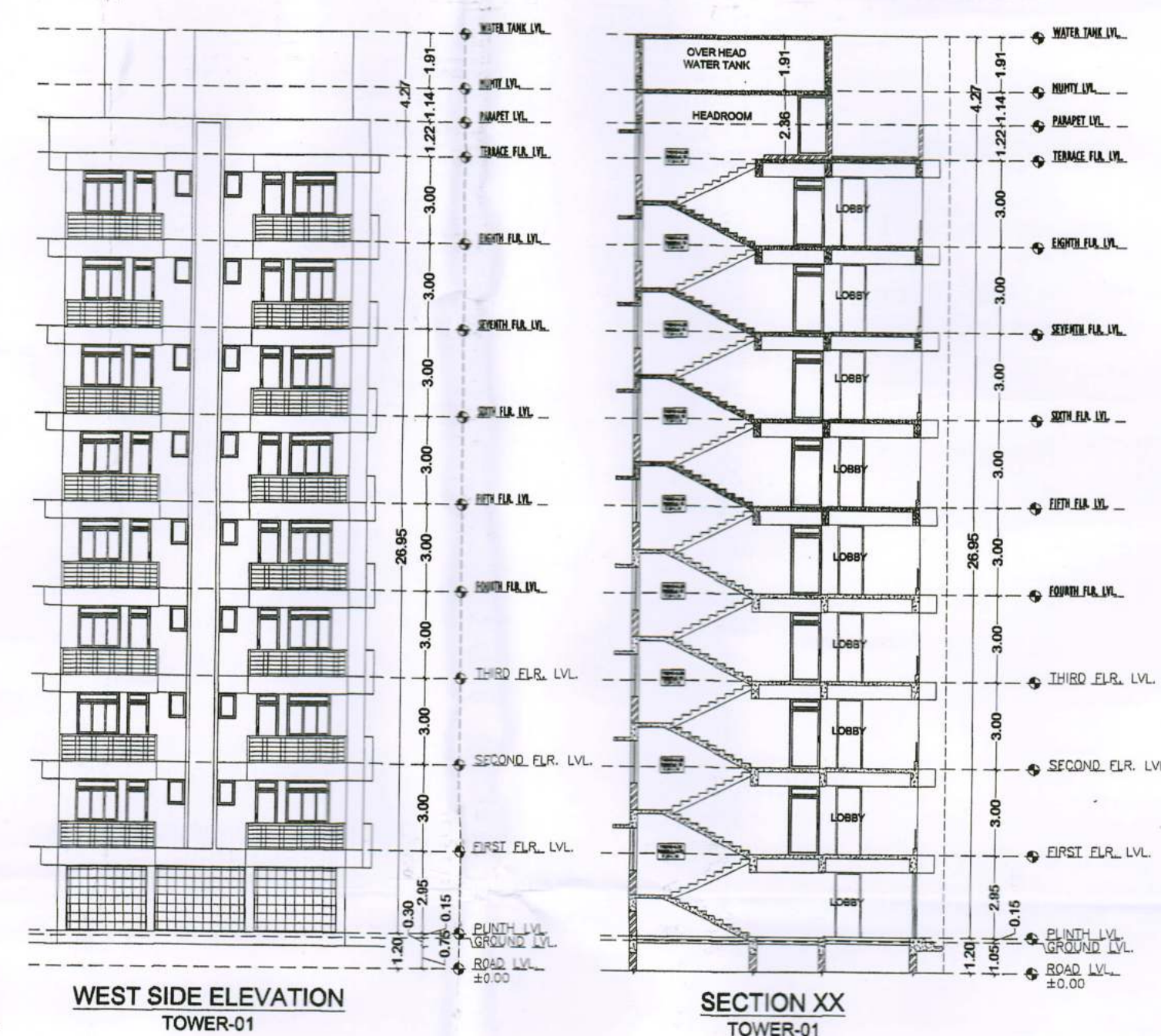
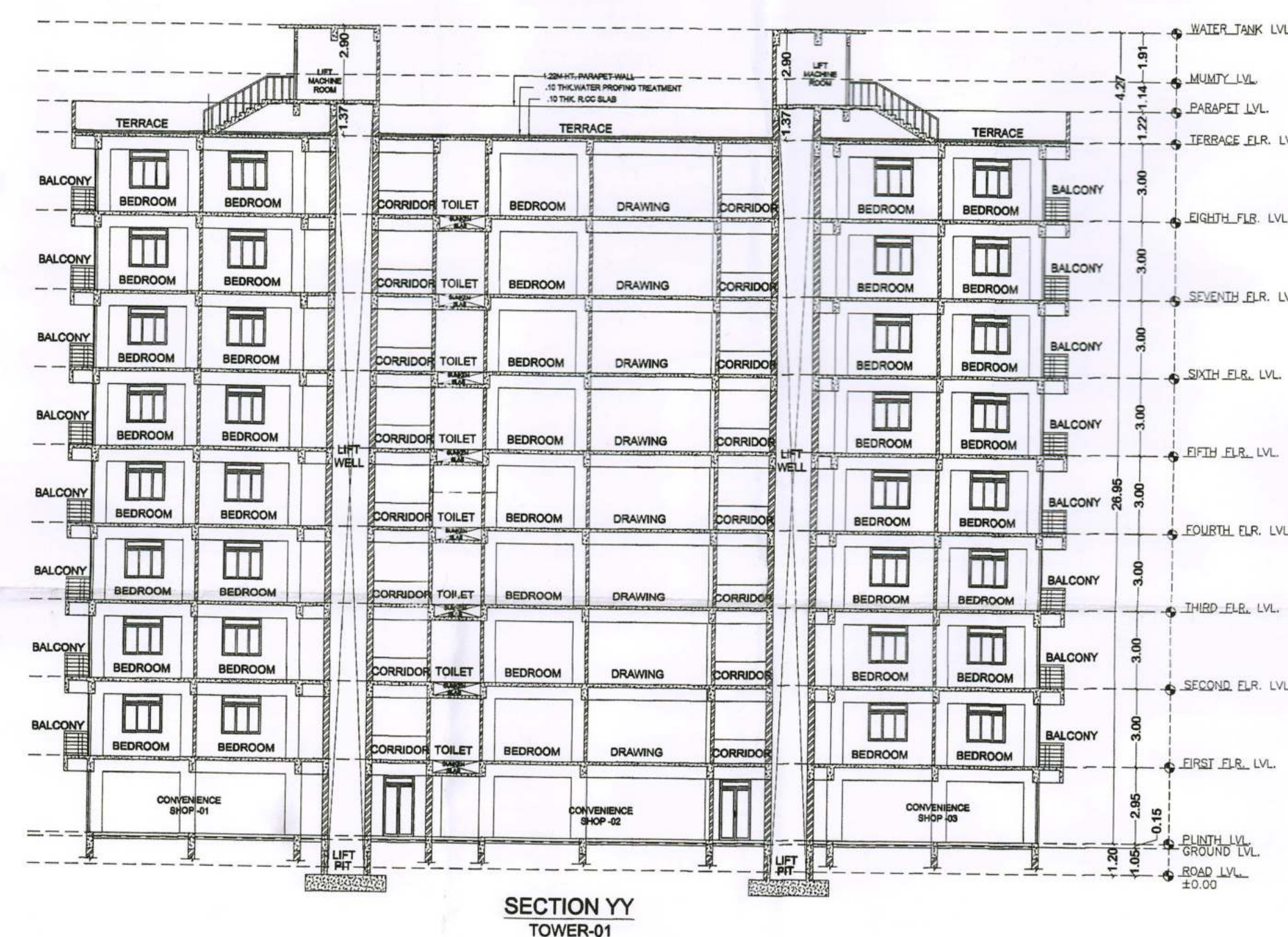
Patna Metropolitan Area Authority
Sanction of Plan case no. MMA/POR/.....
dated 27.12.2022.
Development Control Regulations for Patna
Master Plan 2031 (Byelaws no 6(4) of Bihar Building
Byelaws 2014) vide notification no. 831/832
dated 28.10.2016 on Date 23.06.2022.

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

प्रभारी निदेशक
पटना महानगर क्षेत्र प्राधिकरण

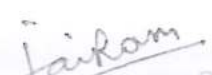
सहायक अभियंता
पटना महानगर क्षेत्र प्राधिकार

M/S KUMAR CONSTRUCTION
Viney Kumar
PARTNER



TO RUPASPUK NAHAR

18) SRI SUNIL KUMAR
S/O LATE JAGNARAYAN SINGH
19) SRI SHAILENDRA KUMAR SINGH
S/O- LATE JEET NARAYAN SINGH
20) SRI BIDYA BHUSHAN SINGH
21) SRI RAJNEET KUMAR SINGH
BOTH S/O - LATE MITHA PRASAD SINGH
22) SRI SURENKA KUMAR SINGH
S/O- LATE NAURANGI SINGH
23) SRI AMIT KUMAR
24) SRI MANISH KUMAR
BOTH S/O- SRI ARJUN LAL SINGH
25) SRI NARENDRA KUMAR
S/O - LATE RAJENDRA PRASAD SINGH
26) SRI VINAY KUMAR
S/O - LATE RAMJATAN SINGH
27) SRI BINOD KUMAR
28) SRI VINAY KUMARI
29) SRI DILIP KUMAR
30) SRI RAJNEET KUMAR
ALL S/O - LATE PREM CHANDRA PRASAD
31) SRI AJAY KUMAR
32) SRI ARVIND KUMAR
BOTH S/O - LATE UMESH PRASAD YADAV
33) SMT NIRMALA KUMARI
W/O - LATE ASHOK KUMAR
34) SRI BIKRANT ROY
S/O SRI BIJAY KUMAR
BOTH S/O - SRI DINESH PRASAD
36) SRI NIRMAL PRASAD
S/O LATE DEVYNATH PRASAD

SCALE-	NORTH	SHEET NO.
N.T.S		2 / 13
 Kumar Construction Reg. No. BR/UDHD/BLDR/23-0283 Urban Development & Housing Deptt. Patna, Bihar	 Ajit Prasad Jaisankar Civil Engineer	 ER. SHAILESH RANJAN, M.I.E. STRUCTURE ENGINEER EMP. NO.-BR/UDHD/SE/23-0110 UDHD, BIHAR (PATNA)
SIGNATURE OF OWNER/DEVELOPER	SIGNATURE OF ARCHITECT/ENGINEER	SIGNATURE OF STRUCTURAL ENGINEER

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

30/11/23

प्रभारी निदेशक
पटना महानगर क्षेत्र प्राधिकरण

सहायक अभियंता
पटना महानगर क्षेत्र प्राधिकरण

M/S KUMAR CONSTRUCTION
Ninoy Kumar
PARTNER



