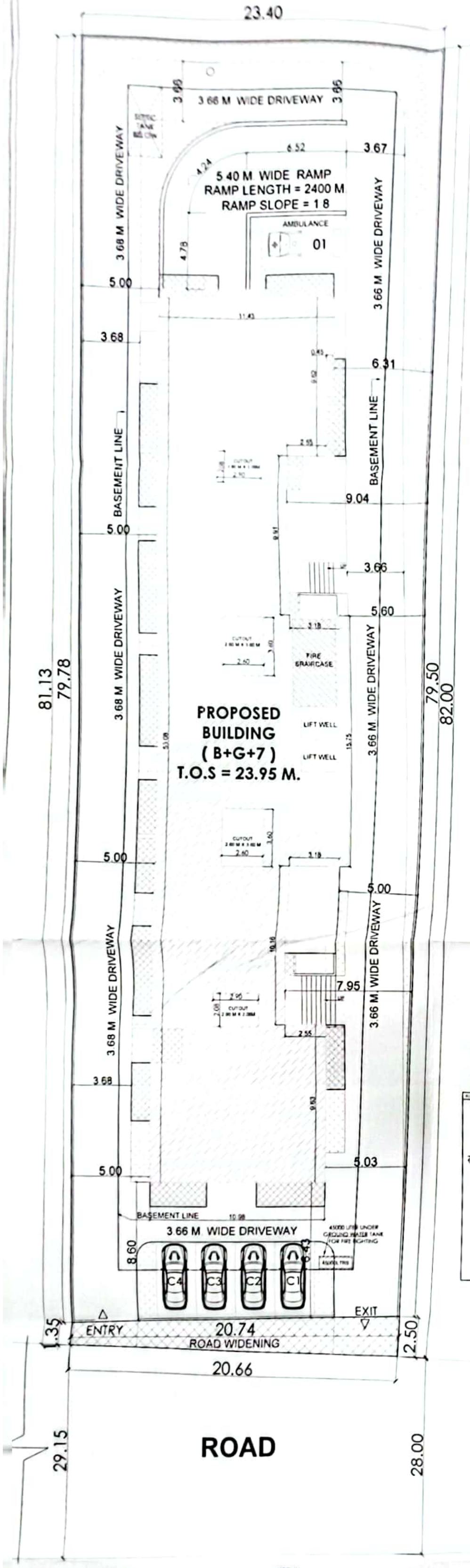
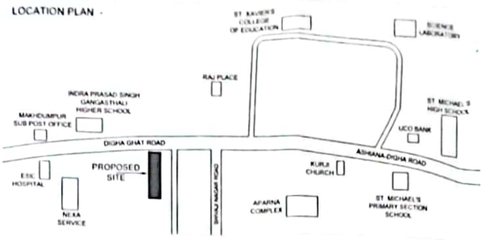


LOCATION PLAN :-


ST. XAVIER'S COLLEGE OF EDUCATION
SCIENCE LABORATORY
RAJ PLACE
INDRA PRASAD SINGH GANGASTHALI HIGHER SCHOOL
MAKHDUMPUR SUB POST OFFICE
ST. MICHAEL'S HIGH SCHOOL
UCO BANK
DIGHA GHAT ROAD
ASHIANA-DIGHA ROAD
ESIC HOSPITAL
PROPOSED SITE
NEXA SERVICE
SHIVAJI NAGAR ROAD
KURJI CHURCH
APARNA COMPLEX
ST. MICHAEL'S PRIMARY SECTION SCHOOL

AREA STATEMENT

TOTAL PLOT AREA = 1796.26 SQM
UNDER ROAD WIDENING = 39.79 SQM
NET PLOT AREA = 1756.47 SQM
PERM. F.A.R AREA @ 2.5 = 4391.18 SQM

BASEMENT BUILT-UP AREA = 25.88 SQM
GROUND FLOOR BUILT-UP AREA = 619.10 SQM
1ST FLOOR BUILT-UP AREA = 528.08 SQM
2ND FLOOR BUILT-UP AREA = 567.17 SQM
3RD FLOOR BUILT-UP AREA = 567.17 SQM
4TH FLOOR BUILT-UP AREA = 567.17 SQM
5TH FLOOR BUILT-UP AREA = 567.17 SQM
6TH FLOOR BUILT-UP AREA = 567.17 SQM
7TH FLOOR BUILT-UP AREA = 387.42 SQM
TOTAL BUILT-UP AREA = 4389.90 SQM

BUILT-UP ARCHIVED = 4389.90 / 1756.47 @ 2.50

PARKING CALCULATION :-

TOTAL BUILT UP AREA COMMERCIAL FLOOR = 619.10 SQM
REQ. PARKING @ 30% OF TOTAL B/U AREA = 185.73 SQM
15% AREA REQUIRED FOR SERVICES = 27.86
LESS 15% SERVICE AREA = 185.73 - 20.66 = 165.07 SQM

TOTAL BUILT UP AREA FOR RESIDENTIAL = 3770.80 SQM
REQ. PARKING @ 30% OF TOTAL B/U AREA = 1131.24 SQM
15% AREA REQUIRED FOR SERVICES = 169.68 SQM
LESS 15% SERVICE AREA = 1131.24 - 169.68 = 961.56 SQM
TOTAL PARKING AREA REQUIRED (165.07 + 961.56) = 1126.63 SQM

TOTAL PARKING AREA PROVIDED IN BASEMENT = 1126.63 SQM

total no. of car parks provided for commercial (OPEN AREA)
117.1 / 23 = 5.98 = 5.98 SAY 6 ECS

total no. of car parks provided for residential (BASEMENT)
975.82 / 32 = 30.49 = 30.49 SAY 30 ECS

total no. of cars - 36 ECS

WATER SUPPLY CALCULATION :-

TOTAL B/U AREA COMMERCIAL = 619.10 SQM
100 SQM PER PERSON = 619.10 X 7/100 = 43.33 persons
SAY = 43 PERSON
TOTAL NO. OF FLAT = 35
ASSUMED 5 PERSON PER FLAT = 5 X 35 = 175 PERSON
TOTAL NO. OF PERSON = 32 + 175 = 207 PERSON
AVERAGE WATER DEMAND = 135 LIT. PER CAP. PER DAY
SO, TOTAL WATER REQUIRED PER DAY = 135 X 207
= 27945 LIT. = 27.94 CUM.
WATER TANK CAPACITY REQUIRED FOR FIRE
= 45000 LIT. = 45.0 CUM
PERMISSIBLE WATER TANK REQD. = 45 + 27.94 = 72.94 CUM.
PROVIDED PROPOSED WATER TANK WITH TWO
COMPARTMENT = 6.0 X 3.50 X 1.8 = 37.80 X 2 = 75.60 CUM.

SEPTIC TANK :-

TOTAL BUILT UP AREA = 4389.90 SQM.
REQ. S.T.P CAPACITY = 4389.90 / 2 = 2194.95 SQM.
5 PERSON PER FLAT = 5 X 35 = 175 PERSON
175 X .085 CUMTR = 14.87 CUMTR.
PERMISSIBLE SEPTIC TANK = 14.87 CUMTR.
PROPOSED S.T.P = 4.5 X 3.00 X 1.5 + 0.3 FB = 20.55 KLD.

RAIN WATER HARVESTING CHAMBER CALCULATION :-

TOTAL TERRACE AREA = 567.17 SQM
REQUIRED VOLUME FOR R.W.H CHAMBER
= 567.17 X 6 / 100 = 34.03 CUM
PROVIDED CHAMBER (3.0 Ø X 10.0 M DEEP)
= ($\frac{22}{7}$ X $\frac{D^2}{4}$) X H = 3.14 X (3.0 X 3.0 / 4) X 1 = 7.065 SQM

PROPOSED 5 CHAMBER = 5 X 7.065 = 35.32 SQM

GREEN AREA CALCULATION :-

TOTAL NET PLOT AREA = 1756.47 Sq.m.
GREEN SPACE AREA % Reqd = 1756.47 @ 10% = 175.64 Sq.m.
TOTAL PROVIDED GREEN SPACE @ 16.34 % = 287.00 Sq.m.

STORM WATER DRAINAGE :-

—	DRAINAGE LINE
●	DRAINAGE CIRCULAR MANHOLE
▣	DRAINAGE MANHOLE
G.L.	GROUND LEVEL
I.L.	INVERT LEVEL
C.L.	CONNECTION LEVEL

SIZE OF PIPE	SLOPE
250Ø	1:300
300Ø	1:350

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
	1,50,000 LTRS. CAPACITY UNDERGROUND WATER TANK

LEGEND :-

SEWERAGE :-

—	SEWER LINE
⊖	SEWERAGE CIRCULAR MANHOLE
■	SEWERAGE MANHOLE
G.L.	GROUND LEVEL
I.L.	INVERT LEVEL
C.L.	CONNECTION LEVEL

SIZE OF PIPE	SLOPE
300Ø	1:245

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
M	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 REELS 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
■	MICRO PHONE POSITION FOR THE PUBLIC ADDRESS SYSTEM
	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 DIRECTIONAL SIGN
	PORTABLE CHEMICAL B.C.F. EXTINGUISHER OF 3.5 KG CAPACITY

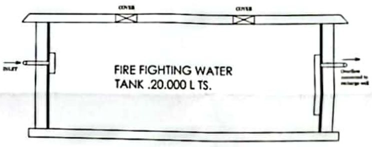
FIRE FIGHTING WATER OVER HEAD WATER TANK 20,000 L.TS.
UNDER GROUND STATIC TANK WITH 1,50,000 LTR CAPACITY FOR FIRE

▲	CAR CHARGING POINT

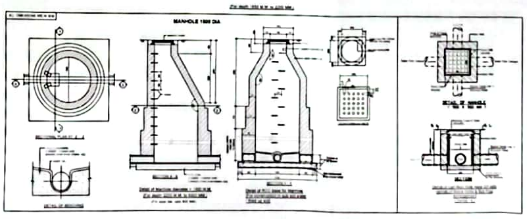
LEGEND :-

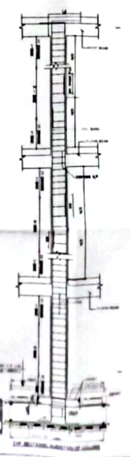
IRRIGATION :-

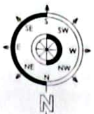
GH	100Ø IRRIGATION LINE



Section Fire Water Tank







PROJECT

PROPOSED RESIDENTIAL APARTMENT FOR
M/s. KUMAR BUILDCON PVT. LTD.

PLOT NO - 3313
KHATA NO. - 1194
THANA NO. - 1
TAUZI NO - 5239
THANA - DIGHA PATNA
DISTRICT - PATNA
AT MAUZA - MAKHDUMPUR DIGHA,
MOHALLA - DIGHA, PATNA BIHAR

SHEET TITTLE

SITE PLAN @ TYPICAL LEVEL

SCALE = 1:100 OR Mentioned	SHEET NO. - 01

Sanjeet Kumar Singh
Kumar Buildcon Pvt. Ltd.
Reg.- BR/UD/O/BLDA/23-0029

SIGNATURE OF OWNER/ FIRM / COMPANY

ARCHITECT

DES ARC
ARCHITECTS, INTERIORS, PLANNING
UG/SR - 1A, ANSAL PLAZA, SECTOR - I, VAISHALI, GZB
PH. 0120 - 4140410 M. 0 9818711273
EMAIL. desarc14@gmail.com

SIGNATURE OF ARCHITECT	SIGNATURE OF STRUCTURAL ENGINEER

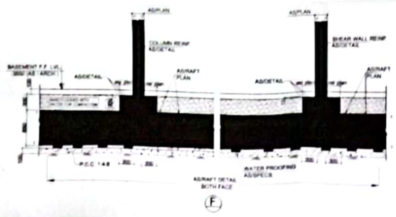
PATNA MUNICIPAL CORPORATION
PATNA REGIONAL DEVELOPMENT AUTHORITY (DISSOLVED)
Case No. ______ XI
Sanction of Plan u/s ... and under Section
315, 316 & 317 of the Bihar Municipal Act 2007
by the Municipal Commissioner, Patna on ______
Date 06/11/2023

SANCTION OF PLAN ACCORDED

निदेशक
नगरीय योजना
पटना नगर निगम, पटना

LEGEND :

▭	F.A.R AREA
▭	GREEN AREA
▨	BALCONY
▭	BASEMENT LINE
▭	SETBACK LINE



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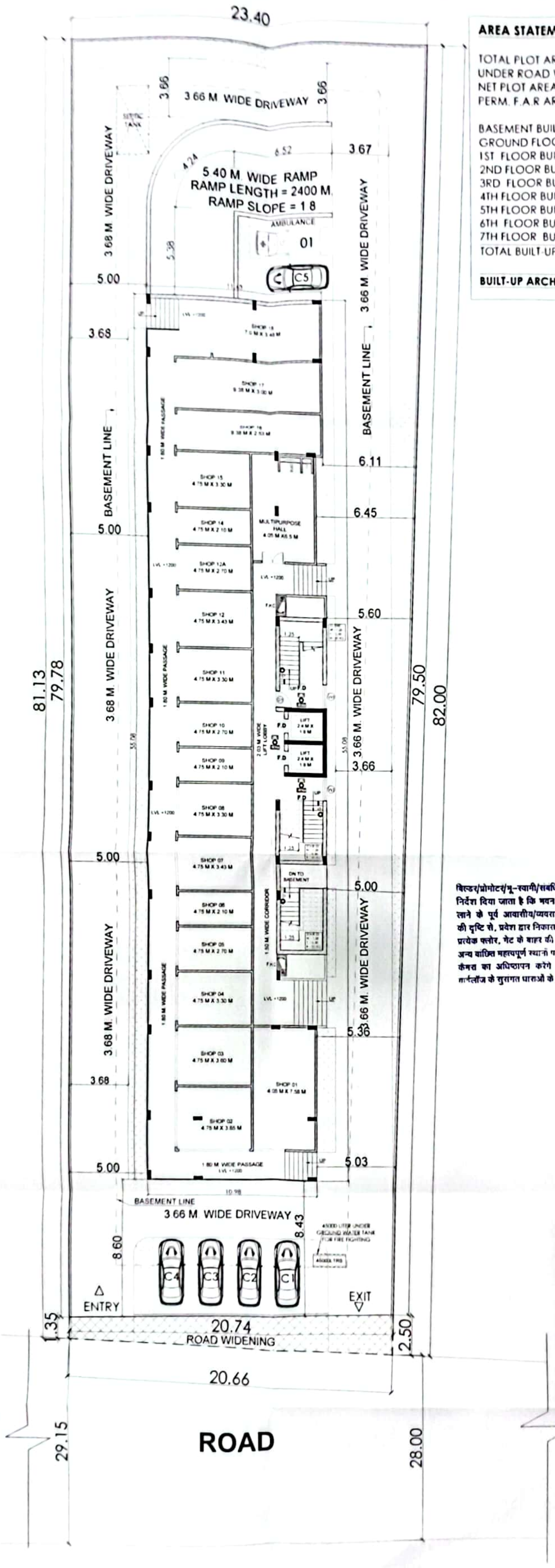
बिल्डर/प्रोमोटर/भू-स्वामी/संबंधित वास्तुविद/अभियंता को निर्देश दिया जाता है कि भवन के निर्माण तथा उपयोग में लाने के पूर्व आवासीय/व्यवसायिक कम्पलेक्स में सुरक्षा की दृष्टि से, प्रवेश द्वार निकास द्वार, सीढ़ी, लिफ्ट, पार्किंग प्रत्येक फ्लोर, गेट के बाहर की ओर लोकेशन के साथ तथा अन्य वांछित महत्वपूर्ण स्थानों पर उच्च मानक के C.C.T.V. कैमरा का अधिष्ठापन करेंगे अन्यथा संबंधित एक्ट एवं नियमावली के सुसंगत धाराओं के तहत् कारवाई किया जायेगा।



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PROVIDED CHAMBER (3.0 Ø X 10.0 M. DEEP)
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PROPOSED 5 CHAMBER = 5 X 7.065 = 35.32 SQM

GREEN AREA CALCULATION:-

TOTAL NET PLOT AREA = 1756.47 Sq.m.
GREEN SPACE AREA % Reqd = 1756.47 @10% = 175.64 Sq.m.
TOTAL PROVIDED GREEN SPACE @ 16.34 % = 287.00 Sq.m.

बिल्डर/प्रोमोटर/भू-स्वामी/संबंधित वास्तुविद/अभियंता को निर्देश दिया जाता है कि भवन के निर्माण तथा उपयोग में लाने के पूर्व आवासीय/व्यवसायिक कम्पलेक्स में सुरक्षा की दृष्टि से, प्रवेश द्वार निकास द्वार, सीढ़ी, लिफ्ट, पार्किंग प्रत्येक फ्लोर, गेट के बाहर की ओर लोकेशन के साथ तथा अन्य वांछित महत्वपूर्ण स्थानों पर उच्च मानक के C.C.T.V. कैमरा का अधिष्ठापन करेंगे अन्यथा संबंधित एक्ट एवं बायलॉज के सुसंगत धाराओं के तहत् कार्रवाई किया जायेगा।

PROJECT

PROPOSED RESIDENTIAL APARTMENT FOR
M/s. KUMAR BUILDCON PVT. LTD.

PLOT NO - 3313
KHATA NO - 1194
THANA NO - 1
TAUZI NO - 5239
THANA - DIGHA PATNA
DISTRICT - PATNA
AT MAUZA - MAKHDUMPUR DIGHA,
MOHALLA - DIGHA, PATNA BIHAR

SHEET TITTLE

SITE PLAN @ GROUND LEVEL

SCALE = 1:100
OR
Mentioned

SHEET NO. - 02

Sanjeet Kumar Singh

Kumar Buildcon Pvt. Ltd.

SIGNATURE OF OWNER/ FIRM / COMPANY

ARCHITECT

DES ARC
ARCHITECTS. INTERIORS. PLANNING

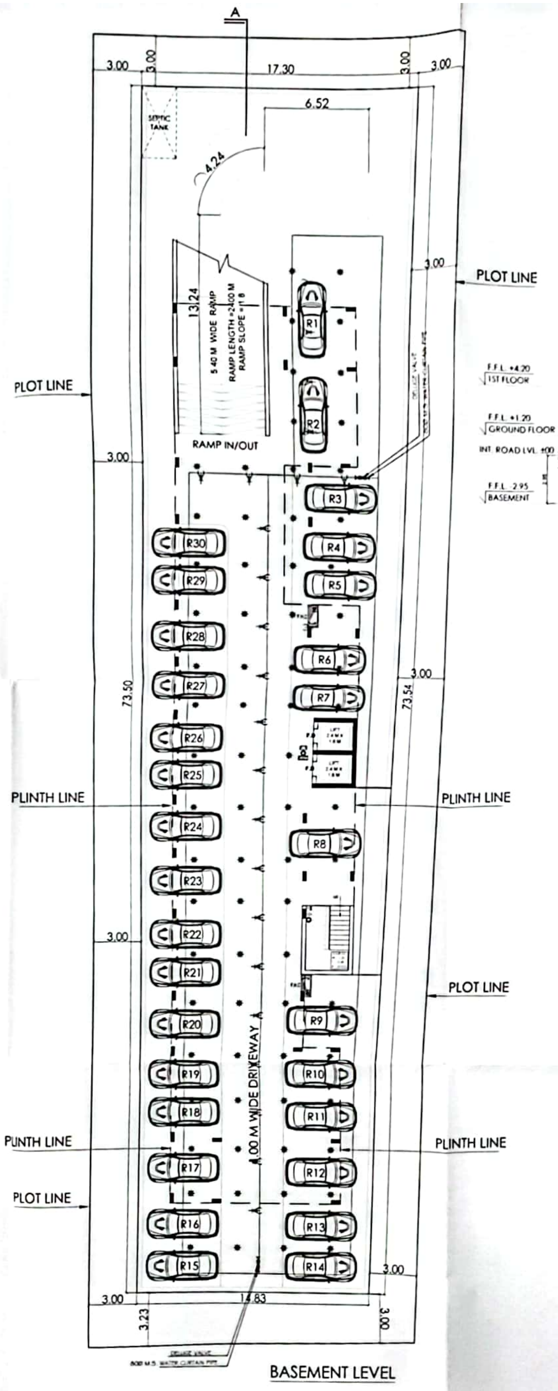
SIGNATURE OF ARCHITECT | SIGNATURE OF STRUCTURAL ENGINEER

LEGEND :
☐ F.A.R AREA
☐ GREEN AREA
▨ BALCONY
☐ BASEMENT LINE
☐ SETBACK LINE

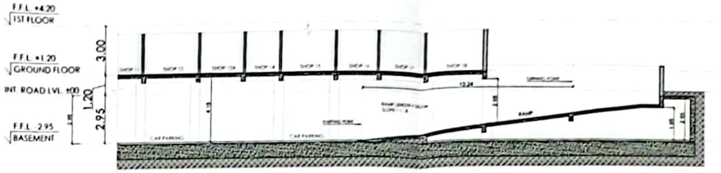
PATNA MUNICIPAL CORPORATION
Case No. ....
Sanction of Plan Accorded under Section
315, 316 & 317 of the Bihar Municipal Act 2007
by the Municipal Commissioner, Patna in ....
Date ....
SANCTION OF PLAN ACCORDED

निदेशक

BASEMENT AREA = 1180.51 SQM



BASEMENT LEVEL



RAMP DETAIL SECTION- AA

बिल्डर/प्रोमोटर/भू–स्वामी/संबंधित वास्तुविद/अभियंता को निर्देश दिया जाता है कि भवन के निर्माण तथा उपयोग में लाने के पूर्व आवासीय/व्यवसायिक कम्पलेक्स में सुरक्षा की दृष्टि से, प्रवेश द्वार निकास द्वार, सीढ़ी, लिफ्ट, पार्किंग प्रत्येक फ्लोर, गेट के बाहर की ओर लोकेशन के साथ तथा अन्य वांछित महत्वपूर्ण स्थानों पर उच्च मानक के C.C.T.V. कैमरा का अधिष्ठापन करेंगे अन्यथा संबंधित एक्ट एवं बाईलॉज के सुसंगत धाराओं के तहत् कारवाई किया जायेगा।

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PROJECT

PROPOSED RESIDENTIAL APARTMENT FOR
M/s. KUMAR BUILDCON PVT. LTD.

PLOT NO - 3313
KHATA NO - 1194
THANA NO - 1
TAUZI NO - 5239
THANA - DIGHA PATNA
DISTRICT - PATNA
AT MAUZA - MAKHDUMPUR DIGHA,
MOHALLA - DIGHA, PATNA BIHAR

SHEET TITTLE

BASEMENT LEVEL PLAN

SCALE = 1:100
OR
Mentioned

SHEET NO. - 03

E Sanjeet Kumar Singh, निदेशक

Kumar Buildcon Pvt. Ltd.
Reg.- BR/UDHD/BLDR/23-0220

SIGNATURE OF OWNER/ FIRM / COMPANY

ARCHITECT

DES ARC
ARCHITECTS, INTERIORS, PLANNING
UGSR - 1A ANSAL PLAZA , SECTOR - I VAISHALI GZB
PH 0120 - 4140410 M 0-9818711273
EMAIL - desarc14@gmail.com

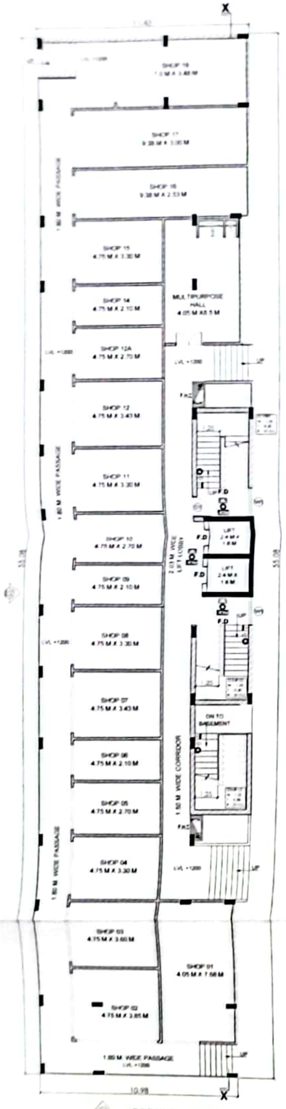
SIGNATURE OF ARCHITECT | SIGNATURE OF STRUCTURAL ENGINEER

PATNA MUNICIPAL CORPORATION
PATNA REGIONAL DEVELOPMENT AUTHORITY (DISSOLVED)
Case No. PMC/MAKHDUMPUR DIGHA/PRN-18/G+7/C-44/2022 20
Sanction of Plan Accorded under Section
315, 316 & 317 of the Bihar Municipal Act 2007
by the Municipal Commissioner, Patna on
Date 06/11/2023

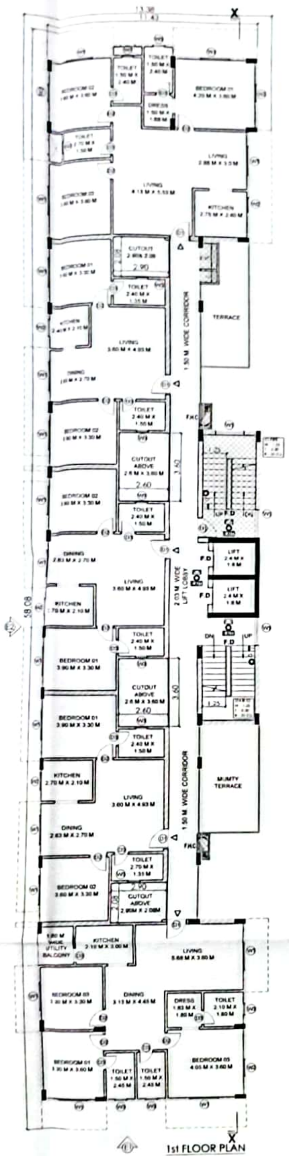
SANCTION OF PLAN ACCORDED

07/11/23
निदेशक
शहरी योजना
पटना नगर निगम, पटना

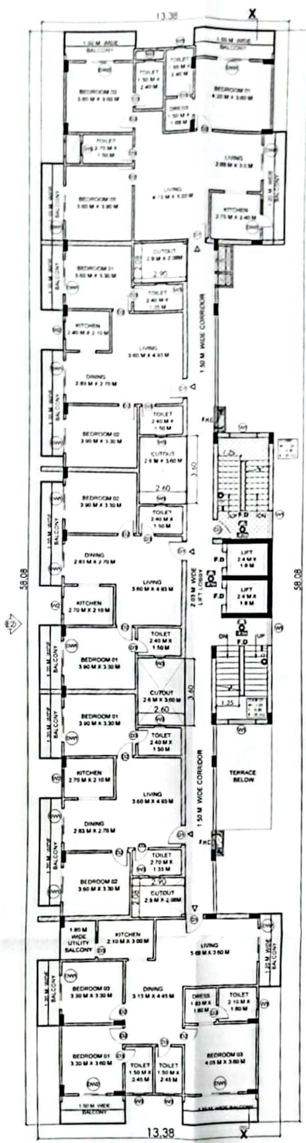
प्रधान प्रारूपक
शहरी योजना
नगर निगम



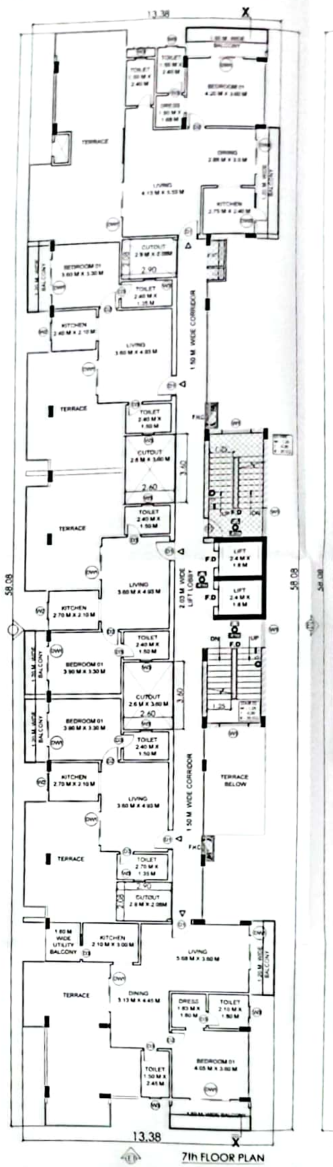
GROUND FLOOR PLAN



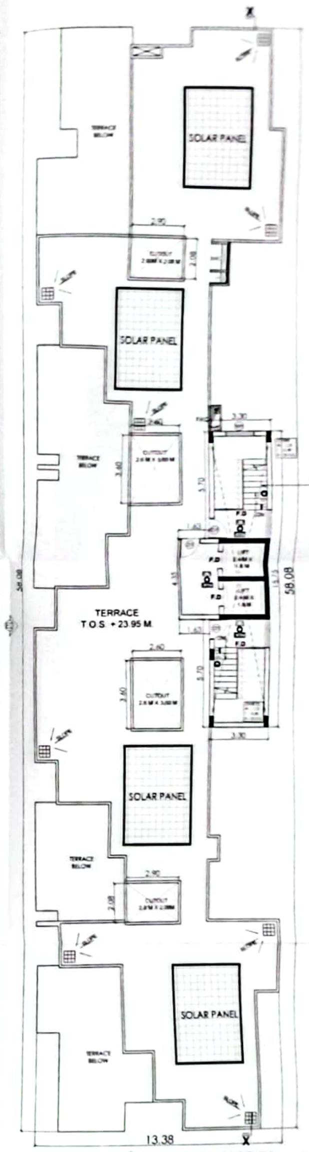
1st FLOOR PLAN



TYPICAL FLOOR PLAN
(2ND TO 6TH)



7th FLOOR PLAN



TERRACE FLOOR PLAN

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1) STP of requisite capacity is to be installed in the campus by the Builder/Owner.
2) Water Harvesting and Green area is to be maintained in the premises.
3) Solar panel is to be installed in the campus.

DOOR WINDOW SCHEDULE			
TYPE	SIZE	CILL	LINTEL
DW1	1.80 X 2.10	—	2.10
DW2	1.50 X 2.10	—	2.10
D1	1.05 X 2.10	—	2.10
D2	0.90 X 2.10	—	2.10
D3	0.75 X 2.10	—	2.10
W1	1.50 X 1.20	—	AS PER ELEVATION
W2	0.90 X 1.20	0.90	2.10
W3	0.60 X 1.20	0.90	2.10
W4	0.60 X 1.00	0.90	2.10

PROJECT
PROPOSED RESIDENTIAL APARTMENT FOR
M/s. KUMAR BUILDCON PVT. LTD.

PLOT NO. - 3313
KHATA NO. - 1194
THANA NO. - 1
TAUZI NO. - 5239
THANA - DIGHA PATNA
DISTRICT - PATNA
AT MAUZA - MAKHDUMPUR DIGHA
MOHALLA - DIGHA, PATNA BIHAR

SHEET TITLE
FLOOR PLAN

SCALE = 1:100
OR
Mentioned

SHEET NO. - 04

Kumar Buildcon Pvt. Ltd.
SIGNATURE OF OWNER/ FIRM / COMPANY

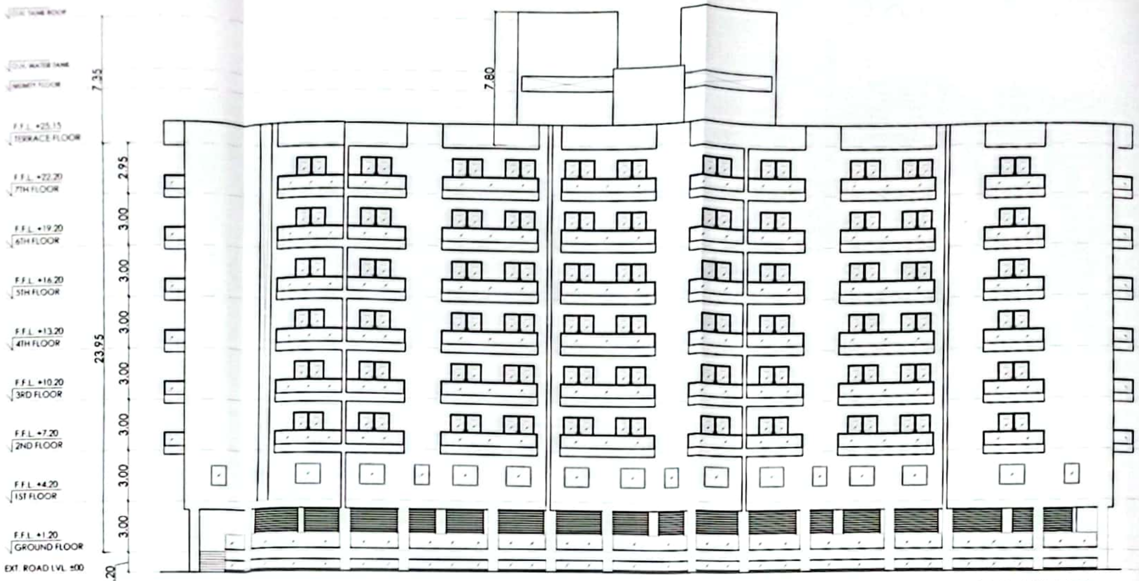
ARCHITECT
DES ARC
ARCHITECTS, INTERIORS, PLANNING

SIGNATURE OF ARCHITECT

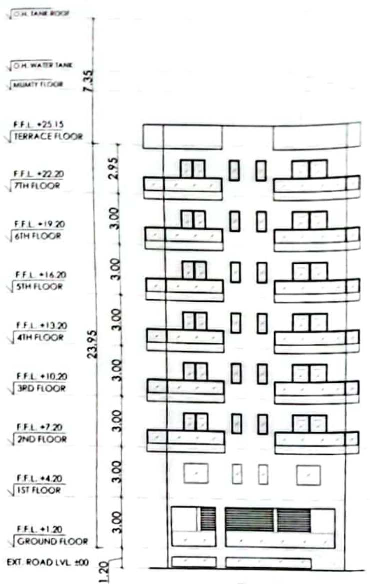
SIGNATURE OF STRUCTURAL ENGINEER

PATNA MUNICIPAL CORPORATION
PATNA REGIONAL DEVELOPMENT AUTHORITY (DISSOLVED)
Case No. 20
Sanction of Plan Accorded under Section
315, 316 & 317 of the Bihar Municipal Act 2007
by the Municipal Commissioner, Patna on
Date 06/11/2023
SANCTION OF PLAN ACCORDED

निदेशक
शहरी योजना
पटना नगर निगम, पटना

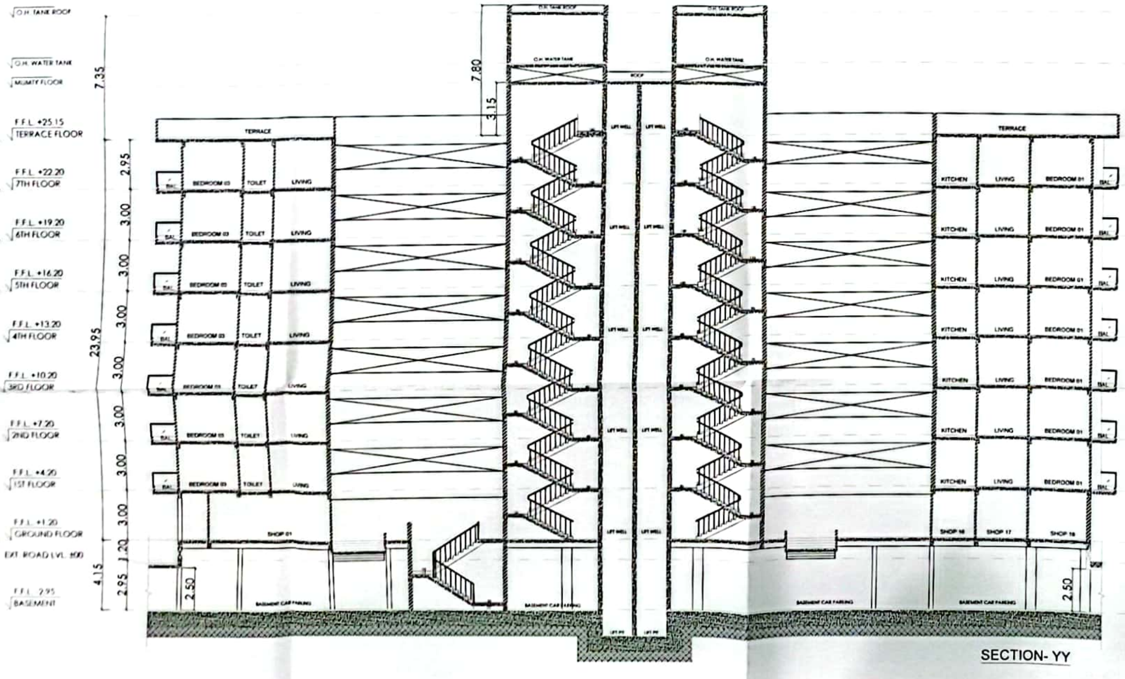


ELEVATION - 02



ELEVATION - 01

[illegible] C.C.T.V. [illegible]



SECTION- YY

Terms & Conditions:-

1) STP of requisite capacity is to be installed in the campus by the Builder/Owner
2) Water Harvesting and Green area is to be maintained in the premises
3) Solar power is to be installed in the campus

PROJECT

PROPOSED RESIDENTIAL APARTMENT FOR
M/s. KUMAR BUILDCON PVT. LTD.

PLOT NO - 3313
KHATA NO - 1194
THANA NO - 1
TAUZI NO - 5239
THANA - DIGHA PATNA
DISTRICT - PATNA
AT MAUZA - MAKHDUMPUR DIGHA,
MOHALLA - DIGHA, PATNA BIHAR

SHEET TITTLE

ELEVATION - 01 & 02
& SECTION

SCALE = 1:100
OR
Mentioned

SHEET NO. - 05

Sanjeet Kumar Singh

Kumar Buildcon Pvt. Ltd.
Reg.- BR/UDHD/BLDA/23-0229

SIGNATURE OF OWNER/ FIRM / COMPANY

ARCHITECT

DES ARC
ARCHITECTS, INTERIORS, PLANNING
[illegible]

SIGNATURE OF ARCHITECT

SIGNATURE OF STRUCTURAL ENGINEER

PATNA MUNICIPAL CORPORATION
PATNA REGIONAL DEVELOPMENT AUTHORITY (DISSOLVED)
Case No. Makhdumpur Digha/PN-18-01-7/644/2022 20
Sanction of Plan Accorded under Section
315, 316 & 317 of the Bihar Municipal Act 2007
by the Municipal Commissioner, Patna on
Date 06/11/2023
SANCTION OF PLAN ACCORDED

07/XI/23
निदेशक
शहरी योजना
पटना नगर निगम, पटना

8/11/2023

CamScanner