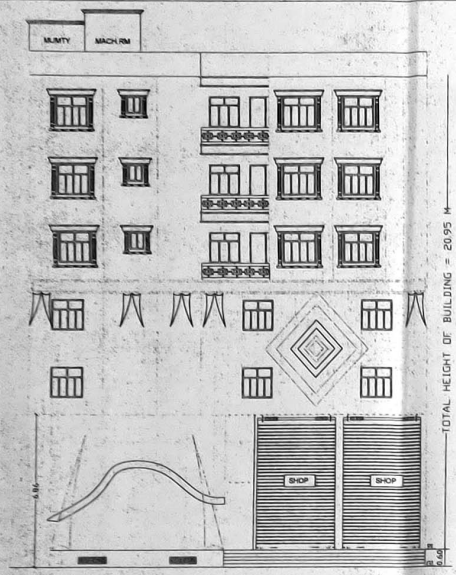
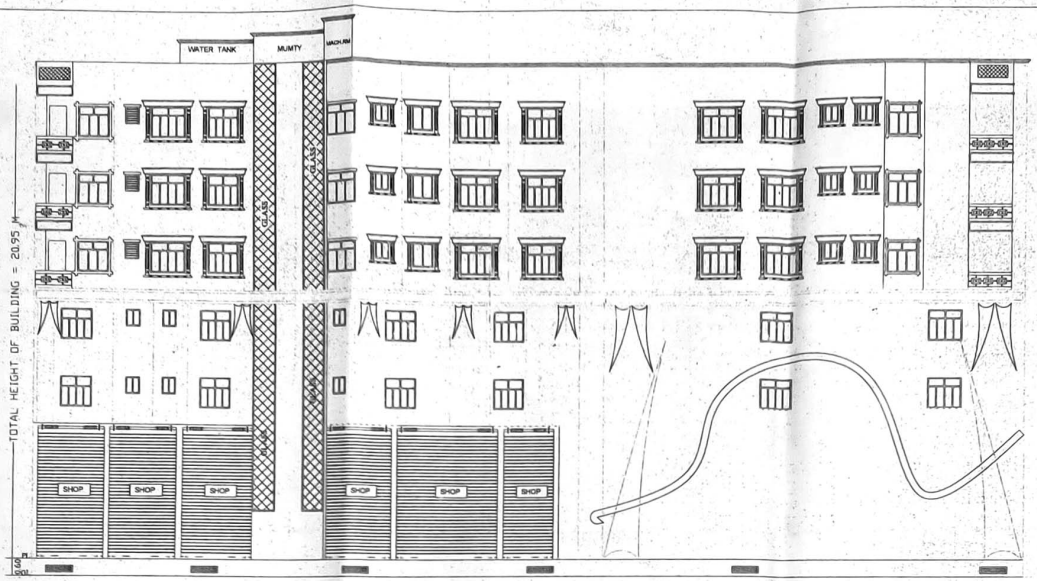
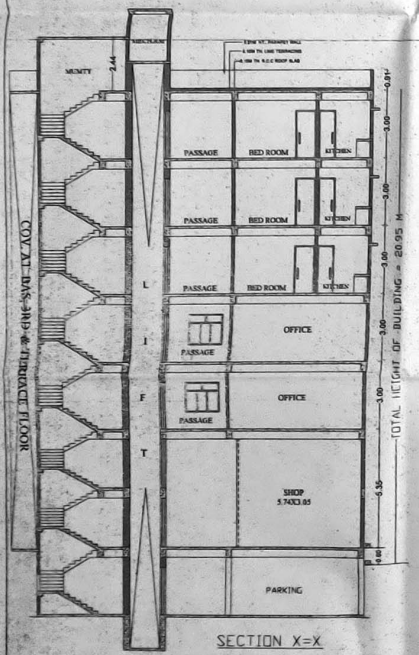


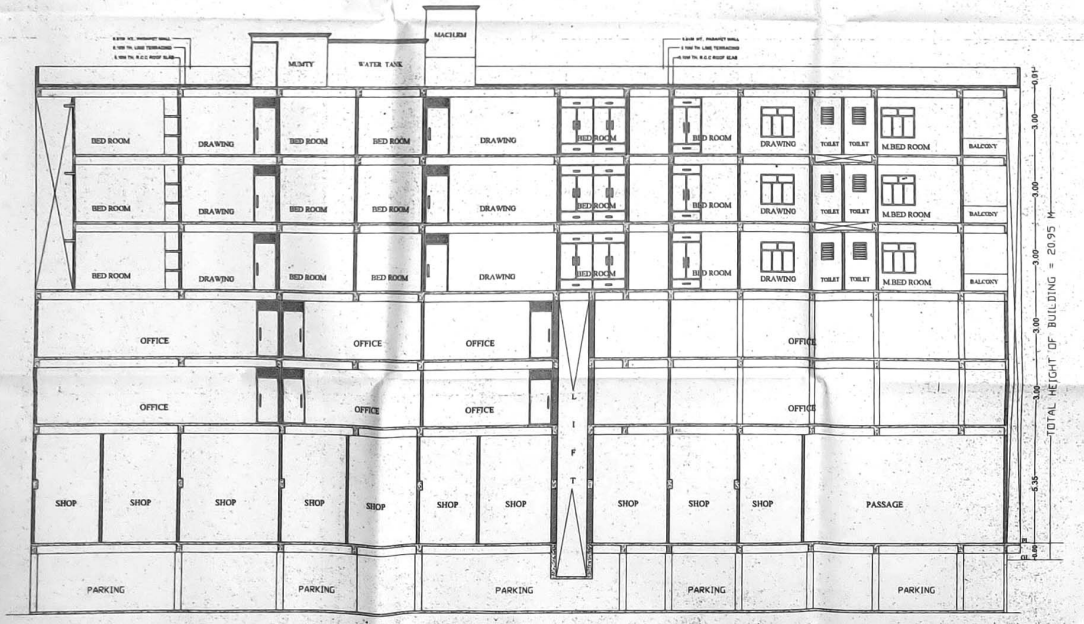
FRONT ELEVATION



SIDE ELEVATION



SECTION X=X



SECTION Y=Y

WATER TANK CALCULATION

FOR COMMERCIAL AREA:-
TOTAL CARPET AREA OF COMM. AREA=694.06 Sqm.
ASSUME 10Sqm CARPET AREA =1 PERSON
HENCE 694.06 CARPET AREA=69.40 =70PERSON
ASSUME 135 LTR WATER CONSUMPTION/PERSON/DAY
TOTAL WATER REQUIREMENT=70X135=9450 LTR.
TOTAL NOS OF FLAT=15
ASSUME 5 PERSONS/FLAT REQ. 15X5=75
TOTAL NOS OF PERSON=75
ADD 20% EXTRA=90 PERSON
ASSUME 135 LTR WATER CONSUMPTION PER DAY
=90X135=12150 LTR = 12.15 M^3
PROVIDING 5000 LTR FOR FIRE FIGHTING
TOTAL WATER REQUIRED=9450+12150+5000=26600 LTR
=26.6^3 Cum.
SIZE OF WATER TANK PROVIDED
= 4.80X3.75X1.50 =27.00 M^3

SEPTIC TANK CALCULATION

FOR COMMERCIAL AREA:-
TOTAL CARPET AREA OF COMM. AREA= 694.06 Sqm.
ASSUME 10Sqm CARPET AREA =1 PERSON
HENCE 694.06 CARPET AREA= 69.40 = 70 PERSON
CAPACITY OF SEPTIC TANK REQUIREMENT=0.085 Cum PER PERSON
TOTAL NO OF PERSON REQUIRE=70X0.085 = 5.95 Cum.
TOTAL NO OF PERSON REQUIRE = 5.95 Cum.
TOTAL NOS OF FLAT=15
ASSUME 5 PERSON/FLAT REQ. 15X5=75
ADD 20% EXTRA = 90 PERSON
SO, TOTAL NOS OF PERSON=90 PERSON
CAPACITY OF SEPTIC TANK FOR 90 PERSON
@ 0.085 M / PERSON / DAY
90 X 0.085 =7.65 M
TOTAL SIZE OF SEPTIC TANK=5.95 M+7.65 M =13.60 M
SIZE OF SEPTIC TANK PROVIDED=4.00X2.00X2.00 =16.00Cum

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(3) SRI ARVIND KUMAR SINGH, S/O SRI AMBIKA SINGH.
(4) SRI SUSHIL KUMAR SINGH, S/O LATE GHANSHYAM SINGH.
(5) SMT. USHA SINHA, W/O DR. AKHILESH KUMAR SINGH, D/O LATE VIJENDRA PRASAD SINGH
AT HAVING SURVEY PLOT NO:- 50 & 51,
THANA NO:- 30, MAUZA, DASHRATHA,
P.S:- BEUR, AT PATNA BYE-PASS, PATNA.

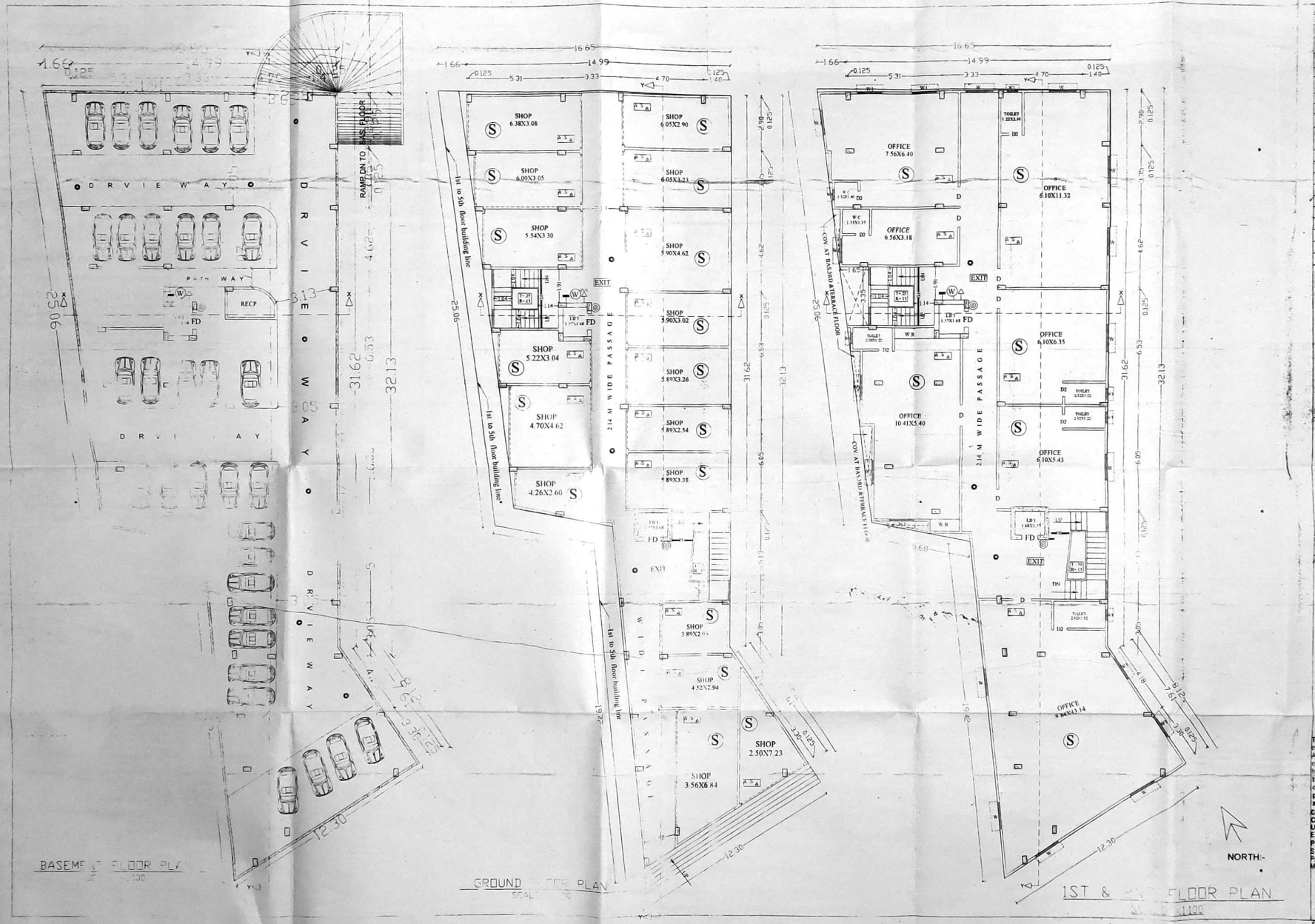
DEVELOPER:- SHUBH SHRISTI CONSTRUCTION (P) Ltd.

SIGNATURE OF OWNER	SIGNATURE OF ARCHITECT

The Owner/Builder in no case deviate construction from the sactioned plan. Any Deviation Found during Construction or any time the entire structure will be treated as unauthorised and the owner/builder will be liable for legal action. The owner will keep a copy of sanctioned plan at the site during construction. sanctioned plan valid for three years only.

Certified Architect (Name)-Amit Ranjan
C.O.A. Reg. No.-CA/91/[illegible]
ULB- PATNA MUNICIPAL CORPORATION
Empanelment No.- 07/2009
Plan Case No. [illegible]/DCN-7-CA/91/N391/07-2009/PMC-83-11/12-12-12
Sanction of Plan accord[illegible]
Provision of Section 314 of Bihar Municipal Act. 2007

AMIT RANJAN
Registered Architect
Council of Architecture
Reg. No.- CA/91/14391



SPECIFICATION

(1) FOUNDATION - R.C.C. PILE FOUNDATION
(2) SUPER STRUCTURE - 90 CLASS 80 CR WORK IN CEMENT MOTER 1:6
(3) FLOORING - 0.25 THK F.S. FLOORING OVER 15 DRY RAMMED KHOA OVER ONE LAYER BRICK FLAT SOLING OVER LOCAL SAND FILLING
(4) R.C.C. WORK - 1 LINE LINTEL, STRIP, BEAM & CHAJJA IN 1 : 1 : 2 : 3 WITH PROPER REIN FOR CEMENT
(5) TERRACING - 0.75 AVERAGE LINE TERRACING OVER 10 TH R.C.C. ROOF SLAB
(6) PLASTER - 2 CM CEMENT PLASTER ON BOTH SIDE WALL & 2.5 CM CEMENT PLASTER ON CEILING
(7) DRAIN - 18 CM WIDE & 20 CM DEEP PUCCA DRAIN ROUND IN THE BUILDING
(8) COLOUR - AS PER CHOICE

<FIRE LEGEND>

1.	UNDER GROUND WATER TANK OF 22000 LTRS. CAP	20,000 LTRS
2.	FIRE RESISTANCE DOOR	FD
3.	FIRE HYDRANT SYSTEM	W
4.	HOSE REEL	
5.	MANUAL CALL ALARM POINT	
6.	FIRE EXTINGUISHER CO2 TYPE	
7.	ILLUMINATED EXIT DIRECTIONAL SIGN	EXIT
8.	SEAMESE CONNECTION	
9.	EMERGENCY LIGHTING SYSTEM	
10.	FIRE SPRINKLER	S
11.	SMOKE DETECTOR	ASA

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AT HAVING SURVEY PLOT NO;- 50 & 51,
THANA NO:- 30, MAUZA, DASHRATHA.
P.S:- BEUR, AT PATNA SYE-PASS, PATNA.

DEVELOPER:- SHUBH SHRISTI CONSTRUCTION (P) Ltd.

SIGNATURE OF OWNER	SIGNATURE OF ARCH./ENG.

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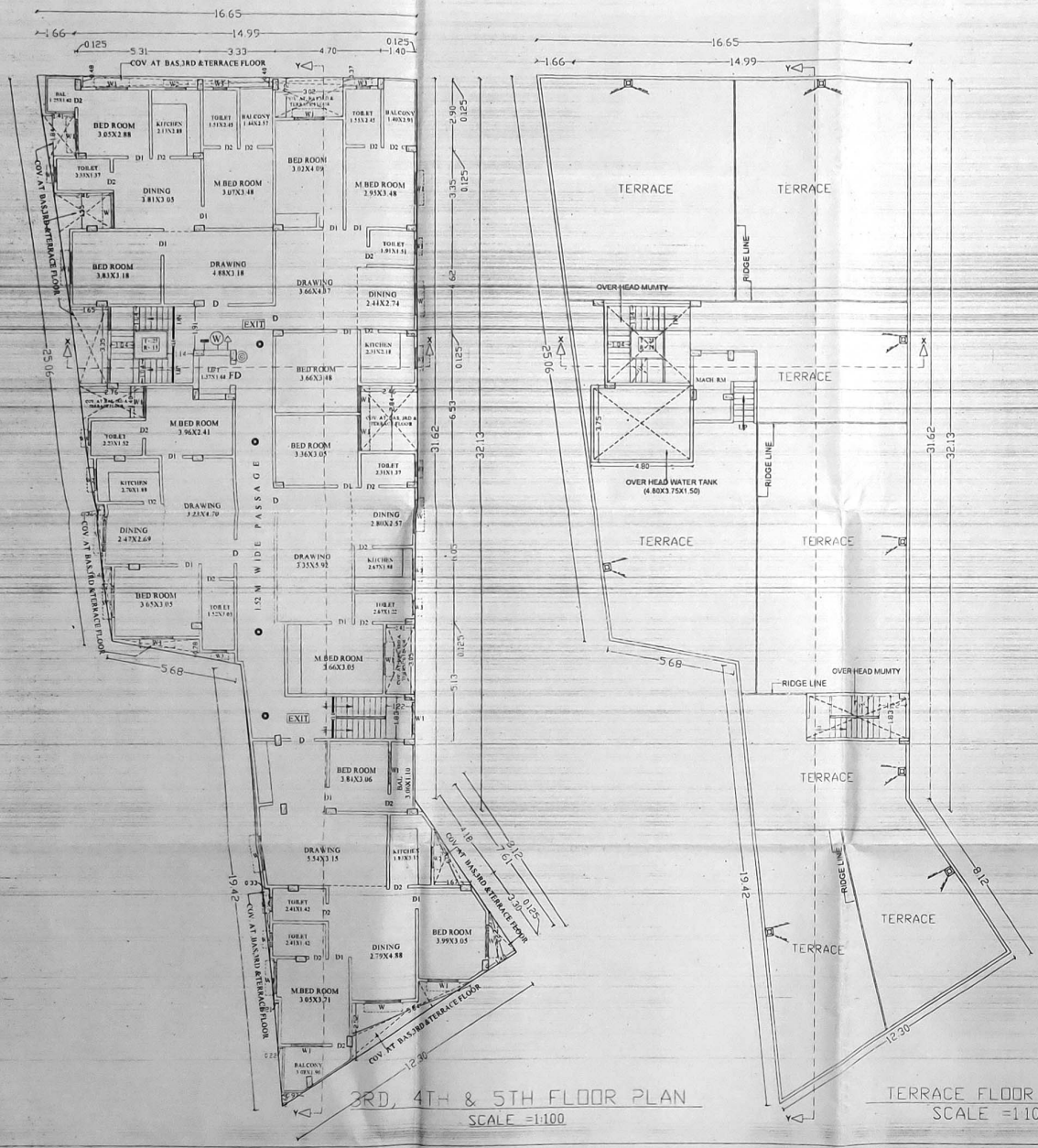
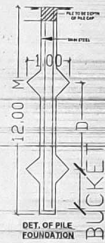
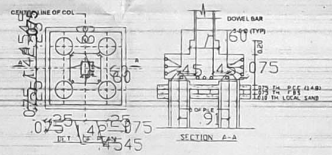
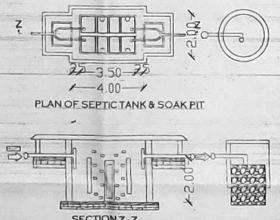
Certified Architect (Name)-Amit Ranjan
C.O.A. Reg. No.-CA/91/14391
ULB- PATNA MUNICIPAL CORPORATION
Empanelment No.- 07/2009
Plan Case No.- [illegible]
Sanction of Plan according under Provision of Section 314 of Bihar Municipal Act, 2007.

AMIT RANJAN
Registered Architect
Council of Architecture
Reg. No.- CA/91/14391









NORTH:-

SCHEDULE OF DOORS & WINDOWS

TYPE	WIDTH	HEIGHT	SILL LEV	LIN. LEV.	REMARK
D	1.07	2.13	0.00	2.13	FULLY PANELLED DOOR
D1	0.91	2.13	0.00	2.13	DO
D2	0.76	2.13	0.00	2.13	DO
	W I N D O W- S				
W	1.83	1.37	0.76	2.13	FULLY GLAZED WINDOW
W1	1.52	1.37	0.76	2.13	DO
W2	1.37	1.37	0.76	2.13	DO
W3	0.91	1.07	1.07	2.13	DO
W4	0.61	0.76	1.37	2.13	DO

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(1)

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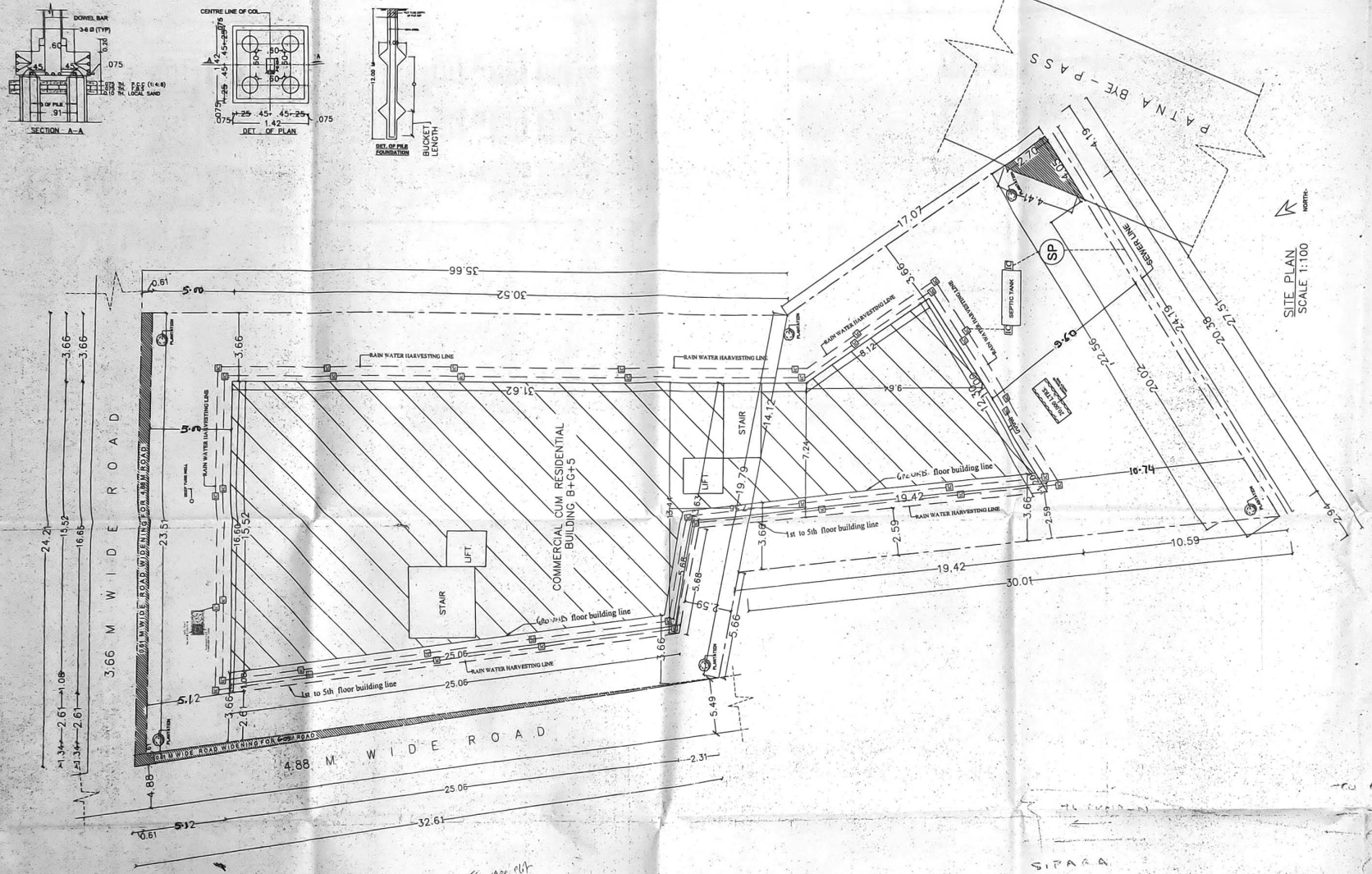
Certified Architect (I ...
C.O.A. Reg. No. ...
U.L.B. PATNA MUNICIPAL CORPORATION
Emp... 07/2017
Plan Pass... /Bldg/PCN-2-CM/0/1231/07-2017/PMC-B.P-1/2012-13
Sanction ...
Provision ...
Municipal Act, 2007

AMIT ...
Regist...
Cou...
Reg. No. ...



PARKING CALCULATION

TOTAL BUILT UP COMMERCIAL AREA = 1381.12 Sqm.
TOTAL CARPET AREA OF COMMERCIAL AREA=(60.56)
PROVIDED CAR PARKING FOR COMM. AREA @ OF
40 Sqm OF THE CARPET AREA=(60.56/40=17.35=16 nos.)
ONE CAR PARKING REQUIRES 20 Sqm. AREA
16 CAR PARKING REQ. =16X20=320 Sqm. AREA
TOTAL NO OF FLAT= 15
15 CAR PARKING REQ. AREA =15X20=300 Sqm.
TOTAL PARKING AREA REQ. = 320+300 Sqm=660 Sqm
TOTAL CAR PARKING PROVIDED AT COV. BASEMENT
= {(5.6X5.4)+(12.3X25.25)-(9.42+(13-72.13/2)}
=(17.32X42.37)-(BAS.FLOOR B/U AREA)
= 733.84 Sqm-9.27 Sqm = 724.57 Sqm.

AREA CALCULATION.

TOTAL PLOT AREA (AS/POSSESSION)	1145.79 M²
AREA LEFT FOR R/D WIDEING	29.88 M²
TOTAL NET PLOT AREA	1115.91 M²
TOTAL BASEMENT FL. B/U AREA	9.27 M²
TOTAL GROUND FL. B/U AREA	430.96 M²
FIRST FLOOR B/U AREA	478.63 M²
SECOND FLOOR B/U AREA	478.63 M²
THIRD FLOOR B/U AREA	462.27 M²
FOURTH FLOOR B/U AREA	462.27 M²
FIFTH FLOOR B/U AREA	462.27 M²
TOTAL FLOOR B/U AREA	2784.20 M²
F.A.R.	= 2.495
COV.	= 42.85%

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Certified Architect (Name):-Amit Ranjan
C.O.A. Reg. No.:-CA/91/14391
M/S:- PATNA MUNICIPAL CORPORATION
Empanelment No.:- 07/2009
Plan Case No.:- [illegible]
Sanction of Plan according under Provision of Section 314 of Bihar Municipal Act, 2007

AMIT RANJAN
Registered Architect
Council of Architecture
Reg. No.:- CA/91/14391

पत्रांक सं॰ 143 / दि॰ 12/12/12

प्रेषक

अमित रंजन
सूचीकरण सं 07/2009
पटना नगर निगम
पटना

सेवा में

श्रीमान् / श्रीमती मै॰ शुभ श्री कंस्ट्रक्शन (प्रा॰) लि॰
S/o देवेन्द्र राय, 3 मार्च, पुराना डाकबंगला रोड
Add: 6 शक्ति, पाल - कॉलोनी पटना / पटना, दिनांक :- 12/12/2012

विषय : प्लान केस सं. ..... की स्वीकृति के संदर्भ में ।
P/Dasrath/PCN-7-CA/91/14391/07.2009/PMC:B3-11/12.12.12

महाशय

आपके द्वारा प्रस्तावित सर्वे / ~~म्युनिसिपल / समिति~~ भूखण्ड सं. 50 SS1 मौजा / वार्ड - 92 R.S.1 थाना / ~~प्लॉट सं.~~ 30 के संदर्भ में दिये गये नक्शा सं. P/Dasrath/PCN-7-CA/91/14391/07.2009/PMC:B3-11/12.12.12 की स्वीकृति की बिहार म्युनिसिपल एक्ट 2007 की धारा 314 के अन्तर्गत निम्नलिखित शर्तो पर दी जाती है ।

1. भवन निर्माण के पूर्व वाईलॉज के एपेंडिक्स एफ में वर्णित प्रपत्र में भवन निर्माण करने की सूचना अधेहस्ताक्षरी को दी जाएगी ।
2. नक्शे में वर्णित सड़क चौड़ीकरण की भूपट्टी को छोड़कर ही सामने की चहारदीवारी का निर्माण किया जाएगा ।
3. प्राधिकार के बाइलॉज के एपेंडिक्स एच के अन्तर्गत वर्णित ऑक्युपेन्सी सर्टीफिकेट प्राप्त करने के बाद ही प्रवेश किया जायेगा ।
4. निर्माण के दौरान स्वीकृत नक्शा से किसी प्रकार का विचलन नहीं किया जायेगा । विचलन पाए जाने पर भूस्वामी/ प्रवर्तक को इसके लिए उत्तरदायी माना जायेगा ।
5. अगर प्रस्तावित स्थल पर पूर्व से निर्मित संरचना है जिसे तोड़कर 6 माह के अन्दर हटाने का शपथ पत्र दिया गया है तो उसकी समयावधि का अनुपालन दृढ़ता से किया जायेगा ।
6. बहुमंजिला भवन के नक्शे में वर्णित अग्निशामक फाईटिंग उपकरण सिस्टम का पूर्णतया प्रावधन किया जाएगा ।
7. वर्णित नक्शे में दिखलाये गये वांछित पार्किंग ऐरिया में किसी प्रकार का निर्माण कार्य नहीं किया जायेगा ।
8. महायोजना में प्रस्तावित भूमि उपयोग के अनुसार ही निर्माण कार्य एवं भवन का उपयोग किया जाएगा ।
9. बाईलॉज में उप विधि 20.01.06 के अनुपालन में आप अपने प्रस्तावित भूखण्ड में 2-2-4 का पेड़ लगाना है ।
10. भवन निर्माण के दौरान भूकम्प रोधी तकनीकी का प्रावधान करना होगा । बहुमंजिले भवनों के केस में भूकम्प से बचाव हेतु किये जाने वाले उपायों को सूची को निर्माण स्थल पर अनिवार्य रूप डिसप्ले किया जाए ।
11. परिसर में Rain water harvesting system का प्रावधान करना होगा ।
12. पब्लिक बिल्डींग में अपंग व्यक्तियों (Persons with disabilities) के अवरोध रहित आवागमन का प्रावधन बाईलॉज के एपेंडिक्स पी के अनुरूप सुनिश्चित करना होगा ।
13. स्थल पर बनाये गये साईनबोर्ड पर स्वीकृत नक्शे की संख्या तथा पारित नक्शा कितने मंजिल के लिए है, का उल्लेख किया जाय ।
14. निर्माण स्थल पर स्वीकृत नक्शे की एक प्रति अनिवार्य रूप से रखी जाय ताकि स्थल निरीक्षण के समय स्वीकृत नक्शा उपलब्ध हो सके ।

विश्वासभाजन

Amit Ranjan 12/12/12

अमित रंजन
Emp. 07/2009
प्रोपोजल पर्सन
पटना नगर निगम, पटना /