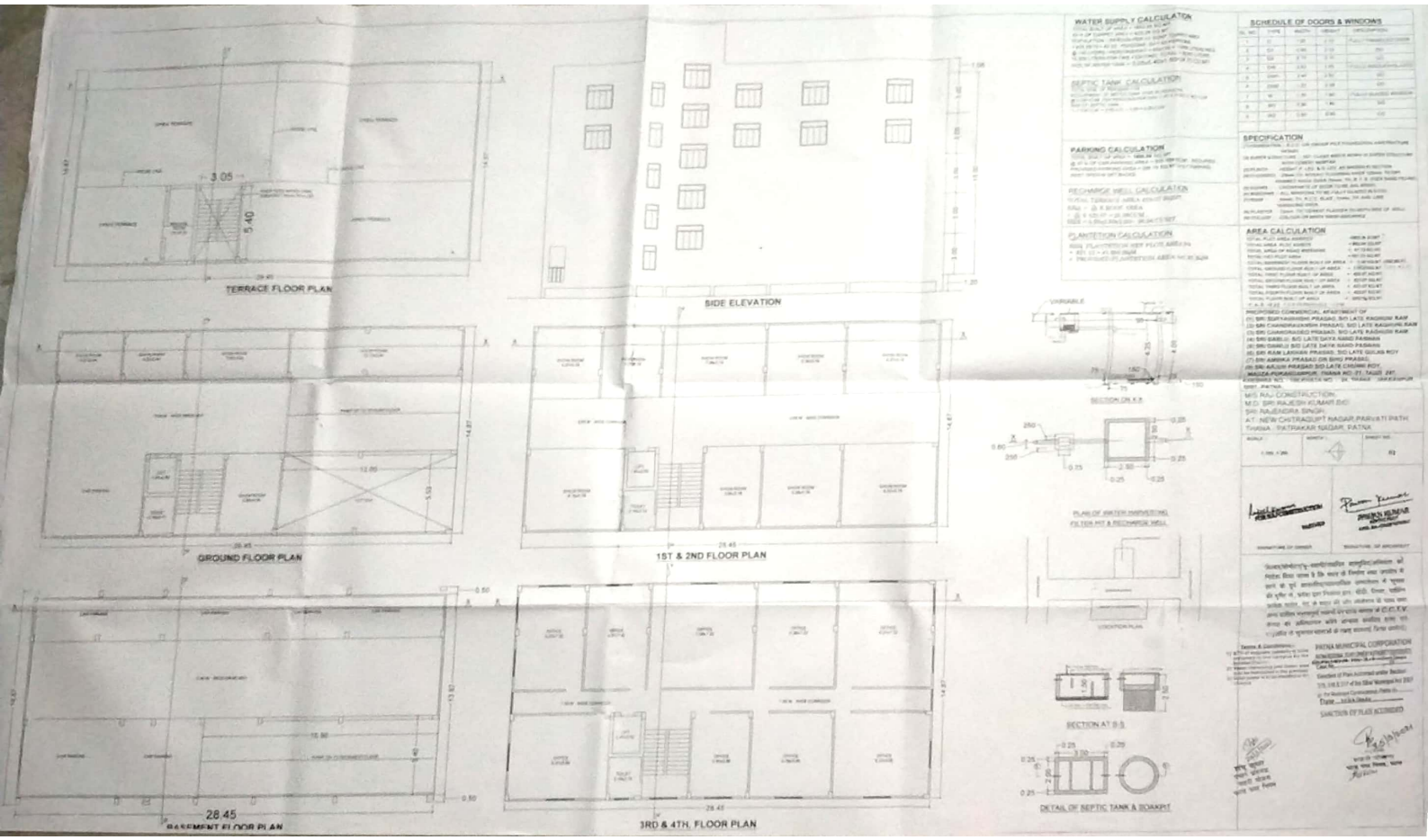

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WATER SUPPLY CALCULATION

TOTAL BUILT UP AREA = 1850.56 SQ.MT
50 % OF CARPET AREA = 925.28 SQ.MT
POPULATION 1 PERSON PER 10 SQMT CARPET AREA
= 925.28/10 = 92.53 PERSONS, SAY-93 PERSONS
@ 135 LITERS / PERSONS/DAY = 93x135 = 12555 LITERS REQ.
10,000 LITERS FOR FIRE FIGHTING. TOTAL = 22555 LITERS
SIZE OF WATER TANK = 3.05x5.40x1.50=24.70 CU.MT

SEPTIC TANK CALCULATION

TOTAL NOS. OF PERSONS = 93
REQUIRMENT OF SEPTIC TANK FOR 93 PERSONS
@ 0.085 CUM. PER PERSONS PER DAY = 93 X 0.085 =7.905 CUM
SIZE OF SEPTIC TANK :-
'L = 3.00 X W = 2.00 X H = 1.50 = 9.00 CUM

PARKING CALCULATION

TOTAL BUILT UP AREA = 1850.56 SQ.MT.
@ 30 % OF CAR PARKING AREA = 555.168 SQ.MT. REQURIED
PROVIDED PARKING AREA = 586.76 SQ.MT. STILT PARKING
REST OPEN IN SET BACKS

RECHARGE WELL CALCULATION

TOTAL TERRACE AREA 423.07 SQMT.
REQ. = $\frac{6}{100}$ X ROOF AREA
= $\frac{6}{100}$ X 423.07 = 25.38CUM.
SIZE = 4.25x2.50x2.50= 26.56 CUMT.

PLANTETION CALCULATION

REQ. PLANTETION NET PLOT AREA 5%
= 821.12 = 41.056 SQM.
= PROVIDED PLANTETION AREA =41.33 SQM

SCHEDULE OF DOORS & WINDOWS

SL. NO	TYPE	WIDTH	HEIGHT	DESCRIPTION
1	D	1.05	2.10	FULLY PANNELED DOOR
2	D1	0.90	2.10	DO
3	D2	0.75	2.10	DO
4	DW	2.62	2.55	FULLU WOODEN/GLAZED
5	DW1	2.44	2.55	DO
6	DW2	1.22	2.55	DO
7	W	1.35	1.80	FULLU GLAZED WINDOW
8	W1	0.90	1.80	DO
9	W2	0.60	0.90	DO

SPECIFICATION

(1) FOUNDATION :- R.C.C. U/R GROUP PILE FOUNDATION 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.
(6) WINDOWS :- ALL WINDOWS TO BE FULLY GLAZED IN STEEL
(7) ROOF :- 10mm. TH. R.C.C. SLAB , 11mm. TH. AVG. LIME TERRACING OVER.
(8) PLASTER :- 12mm. TH. CEMENT PLASTER ON BOTH SIDE OF WALL
(9) COLOUR :- COLOUR OR WHITE WASH AS/CHOICE

AREA CALCULATION

TOTAL PLOT AREA AS/DEED	=685.36 SQMT.
TOTAL AREA PLOT AS/SITE	= 882.84 SQ.MT
TOTAL AREA OF ROAD WIDENING	= 61.12 SQ.MT.
TOTAL NET PLOT AREA	= 821.72 SQ.MT.
TOTAL BASEMENT FLOOR BUILT UP AREA	= 0.00 SQ.MT. (392.86 P)
TOTAL GROUND FLOOR BUILT UP AREA	= 193.25 SQ.MT. (193.92 P)
TOTAL FIRST FLOOR BUILT UP AREA	= 423.07 SQ.MT.
TOTAL SECOND FLOOR BUILT UP AREA	= 423.07 SQ.MT.
TOTAL THIRD FLOOR BUILT UP AREA	= 423.07 SQ.MT.
TOTAL FOURTH FLOOR BUILT UP AREA	= 423.07 SQ.MT.
TOTAL FLOOR BUILT UP AREA	= 1690.56 SQ.MT.
F. A. R. =2.25 F.A.R PERMISSIBLE	= 2.50

PROPOSED COMMERCIAL APARTMENT OF
(1) SRI SURYAVANSHI PRASAD, S/O LATE RAGHUNI RAM
(2) SRI CHANDRAVANSHI PRASAD, S/O LATE RAGHUNI RAM
(3) SRI CHANDRADEO PRASAD, S/O LATE RAGHUNI RAM
(4) SRI BABLU, S/O LATE DAYA NAND PASWAN
(5) SRI DAWLU S/O LATE DAYA NAND PASWAN
(6) SRI RAM LAKHAN PRASAD, S/O LATE GULAB ROY
(7) SRI AMBIKA PRASAD OR BINU PRASAD,
(8) SRI ARJUN PRASAD S/O LATE CHUNNI ROY,
, MAUZA-PURANDARPUR, THANA NO.-21, TAUZI 247, KHESHRA NO. - 188,KHATA NO. - 24, THANA - JAKKANPUR, DIST.-PATNA.

M/S RAJ CONSTRUCTION,
M.D. SRI RAJESH KUMAR S/O
SRI RAJENDRA SINGH,
AT- NEW CHITRAGUPT NAGAR,PARVATI PATH,
THANA - PATRAKAR NAGAR, PATNA

SCALE :-	NORTH :-	SHEET NO. :-
1:100, 1:200		02

FOR RAJ CONSTRUCTION PARTNER
SIGNATURE OF OWNER

PAWAN KUMAR ARCHITECT REG. No.-CA/2019/[illegible]
SIGNATURE OF ARCHITECT

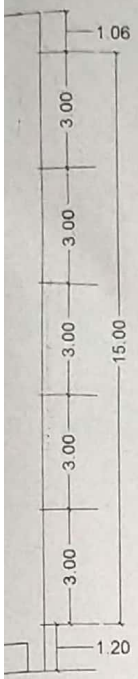
बिल्डर/प्रोमोटर/भू-स्वामी/संबंधित वास्तुविद/अभियंता को निर्देश दिया जाता है कि भवन के निर्माण तथा उपयोग में लाने के पूर्व आवासीय/व्यवसायिक कम्पलेक्स में सुरक्षा की दृष्टि से, प्रवेश द्वार निकास द्वार, सीढ़ी, लिफ्ट, पार्किंग प्रत्येक फ्लोर, गेट के बाहर की ओर लोकेशन के साथ तथा अन्य वांछित महत्वपूर्ण स्थानों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

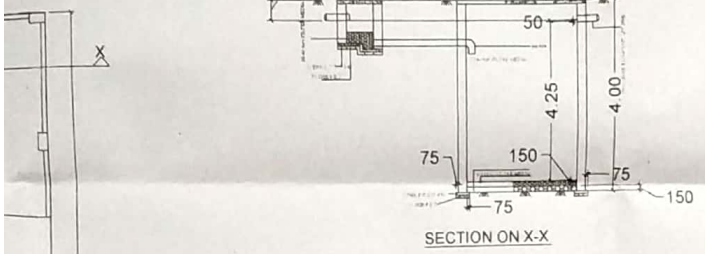
Terms & Conditions:-
1) STP of requisite capacity is to be installed in the campus by the Builder/Owner.
2) Water Harvesting and Green area is to be maintained in the premises.
3) Solar power is to be installed in the campus.

PATNA MUNICIPAL CORPORATION
PATNA REGIONAL DEVELOPMENT AUTHORITY (DISSOLVED)
PRDA/PURANDARPUR-PON-188+6+44/2020/2020
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 19/12/2020
SANCTION OF PLAN ACCORDED

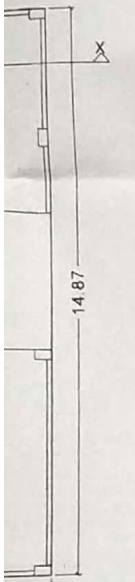
24/12/2021
शंभु कुमार
प्रधान परामर्शक
शहरी योजना
पटना नगर निगम

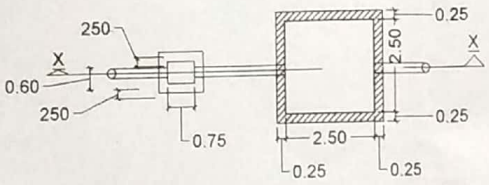
25/12/2021
शहरी योजना
पटना नगर निगम, पटना



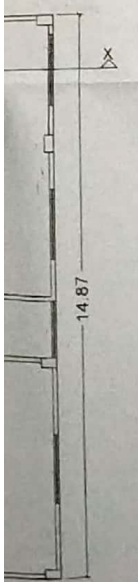


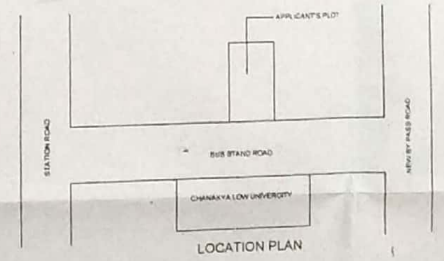
SECTION ON X-X



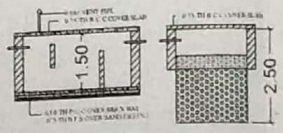


PLAN OF WATER HARVESTING
FILTER PIT & RECHARGE WELL

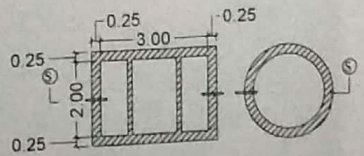




LOCATION PLAN



SECTION AT S-S



DETAIL OF SEPTIC TANK & SOAKPIT

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