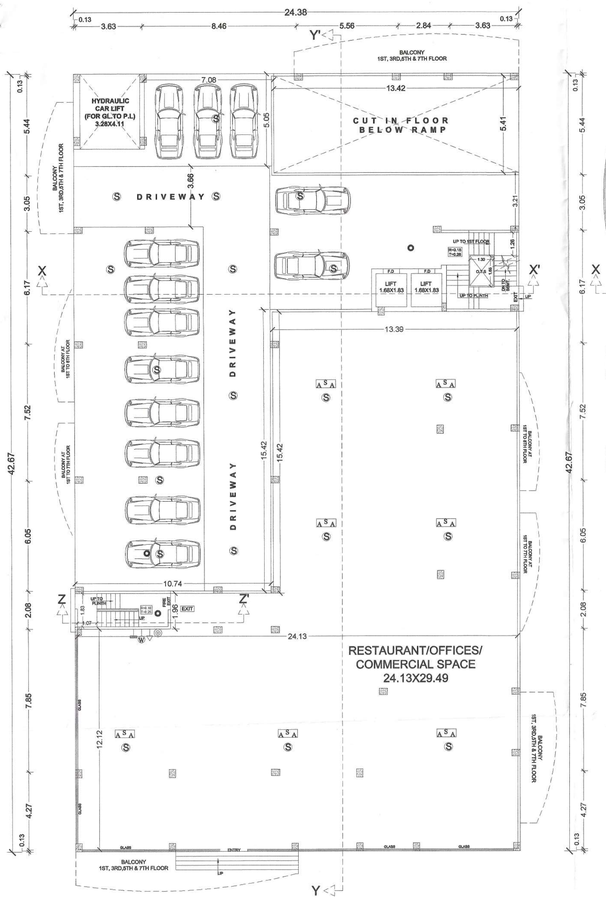
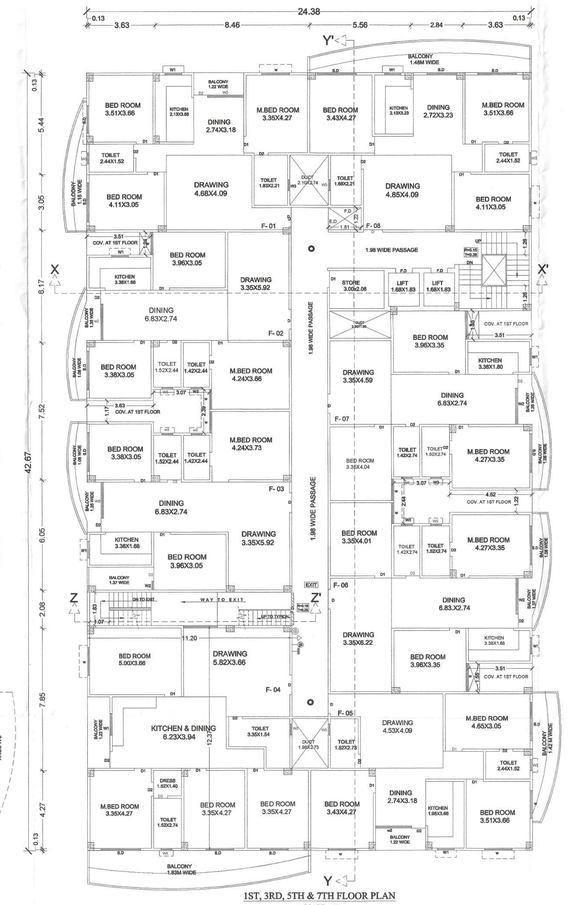
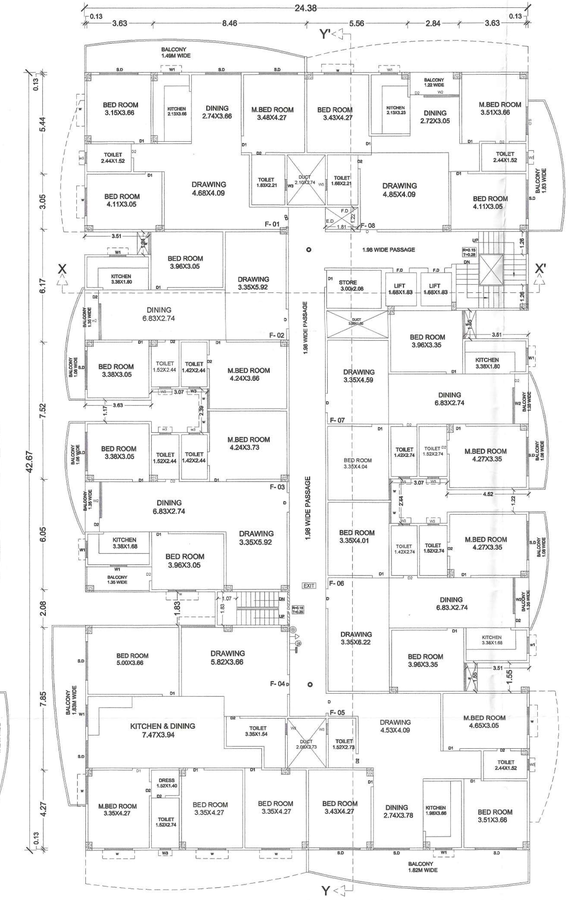


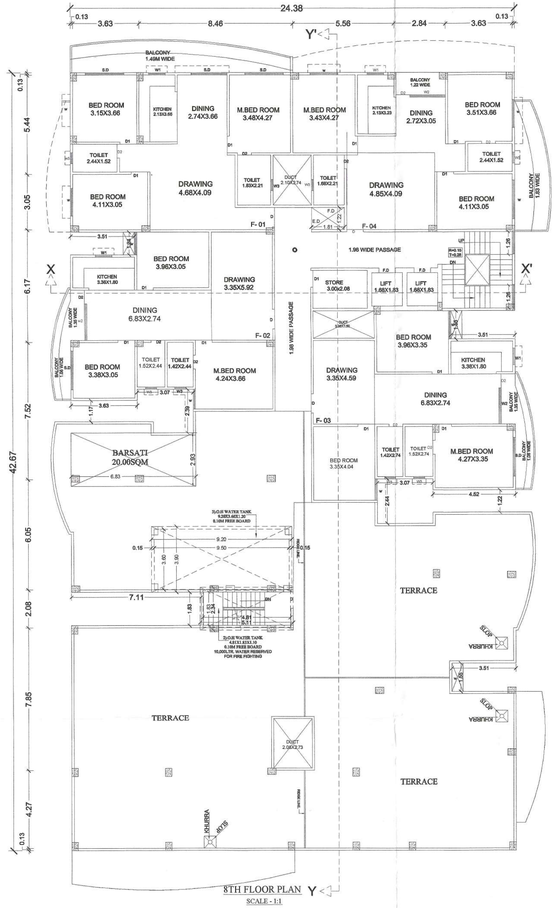
GROUND FLOOR PLAN
SCALE - 1:1



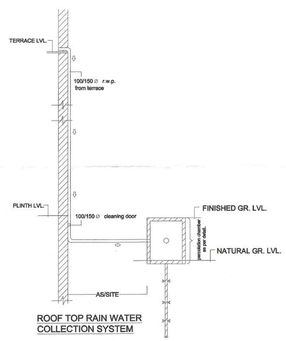
1ST, 3RD, 5TH & 7TH FLOOR PLAN
SCALE - 1:1



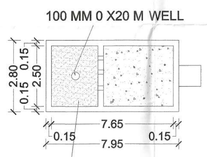
2ND, 4TH & 6TH FLOOR PLAN
SCALE - 1:1



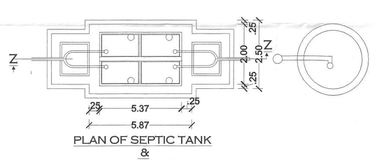
8TH FLOOR PLAN
SCALE - 1:1



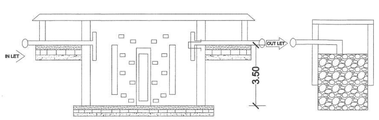
ROOF TOP RAIN WATER COLLECTION SYSTEM



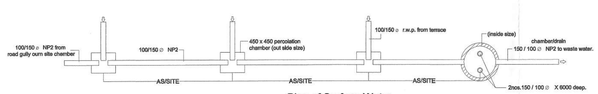
RAIN WATER PIT TO RECHARGE TUBLE 7.95X2.50X4.00



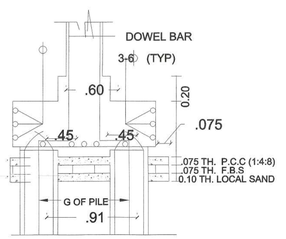
PLAN OF SEPTIC TANK & SOAK PIT



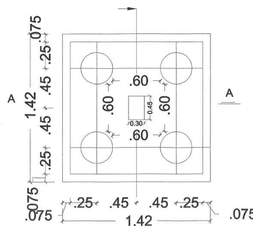
SECTION Z - Z



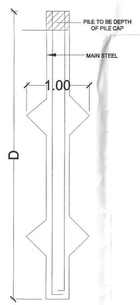
Plan of Surface Water Percolation System To Sub-Soil WATER HARVESTING PLANT



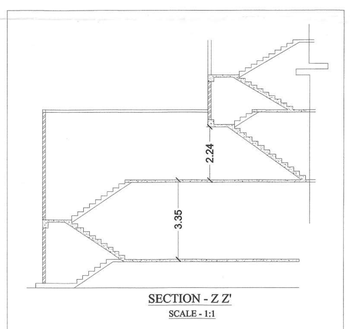
SECTION A-A



DET . OF PLAN



DET. OF PILE FOUNDATION



SECTION - Z Z'
SCALE - 1:1

RAIN WATER HARVESTING CALCULATION

TOTAL TERRACE AREA = 1005.05SQM.
RECHARGE PIT CAPACITY @ 6 CUM FOR 100 SQM.
SO, 10.05 SQM. REQUIRED RECHARGE PIT AREA
= 10.05 X 6 = 60.30CUM
RECHARGE PIT SIZE PROVIDED
= 7.50X2.50X4.00 = **75.00 CUM**

GREEN AREA CALCULATION

TOTAL PLOT AREA = **2317.55**SQM.
GREEN AREA @ 10% OF THE PLOT
SO,REQUIRED GREEN AREA
= 231.75SQM
TOTAL GREEN AREA PROVIDED
= 238.93QM

SEPTIC TANK CALCULATION

FOR COMMERCIAL :-
TOTAL BUILT UP AREA= **576.96SQM**
TOTAL CARPET AREA = 576.96/2 = **288.48SQM.**
ASSUME 10 sqm CARPET AREA = 1 PERSON
HENCE 28.84Sqm. CARPET AREA = 29PERSON
CAPACITY OF SEPTIC TANK REQUIRED
@ 0.085 cum./ PERSON
TOTAL NO OF PERSON REQUIRED
= 29X 0.085 = 2.46Cum
= 2.46cum. + 20% EXTRA = **2.95Cum.**
FOR RESIDENTIAL :-
TOTAL NO. OF FLAT = 60
ASSUME 5 PERSON/FLAT REQ.= 60X5 = 300
TOTAL NO. OF PERSON = 300PERSON
ADD 20 % EXTRA = 360 PERSON
CAPACITY OF SEPTIC TANK REQUIREMENT
@ 0.085 cum./ PERSON / DAY
= 360 X 0.085 = 30.60 CUM
TOTAL CAPACITY OF SEPTIC TANK REQUIRED
= 2.95+ 30.60 = 33.55CUM
PROVIDED SIZE OF SEPTIC TANK
= 5.00 X 2.00 X 3.50 = **35.00**CUM

PROJECT:-
PROPOSED COMMERCIAL CUM RESIDENTIAL BUILDING FOR
SRI DEVENDRA SINGH
S/O- LATE MUNESHWAR RAI

PLOT NO.- 361, THANA NO - 23,
KHATA NO. - 17, MAUZA -DHELHWAN,
THANA - RAMKRISHNA NAGAR
DIST. - PATNA(BIHAR).
DEVELOPER :-
SHREE SHYAM INFRACON

Er. Pankaj Kr. Karn (Engineer)
EMP No.-ER/10/2018
PATNA MUNICIPAL CORPORATION

FOR SHREE SHYAM INFRACON
Partner

SIGNATURE OF ARCH/ENG.

Er. Pratik Kr. Karn (Structural Engineer)
EMP No.-SE/03/2018
PATNA MUNICIPAL CORPORATION

SIGNATURE OF OWNER | SIGNATURE OF STR. ENG.

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 सूरक्षा 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 याईलॉज के सुसंगत धाराओं के तहत् कारवाई किया जायेगा।

PATNA MUNICIPAL CORPORATION
PATNA REGIONAL DEVELOPMENT AUTHORITY (DISSOLVED)
PRDA/BHELWAN/BCN-10/2021-3891/2021
Case No.....
Sanction of Plan Accorded under Section 315, 316 & 317 of the Bihar Municipal Act 2007 by the Municipal Commissioner, Patna on.....
Date...22/10/2021.....
SANCTION OF PLAN ACCORDED
22/10/22
निदेशक
शहरी योजना
पटना नगर निगम, पटना
22.10.22

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

सहित सहमत
प्रबंधक
शहरी योजना
पटना नगर निगम

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