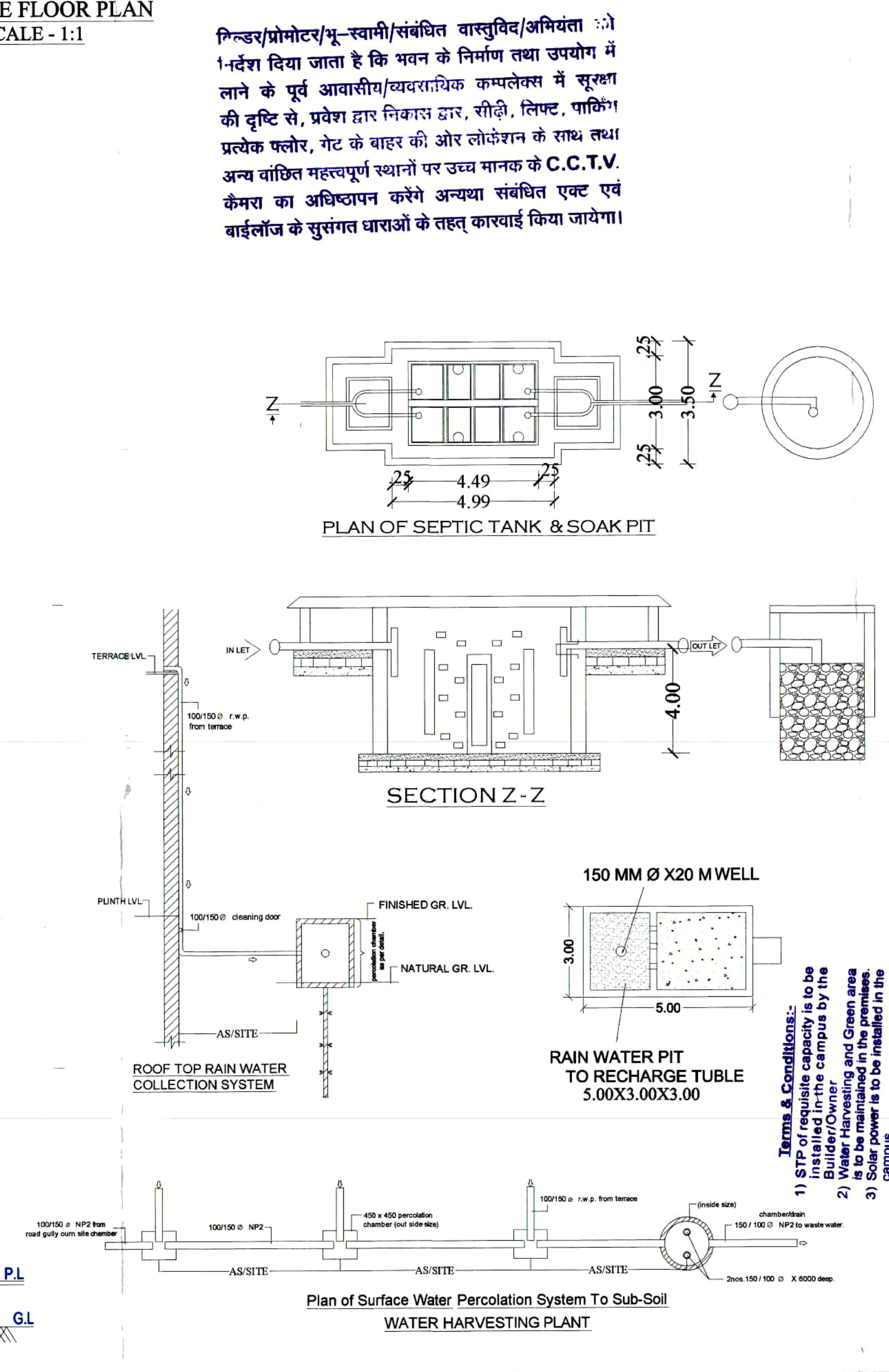
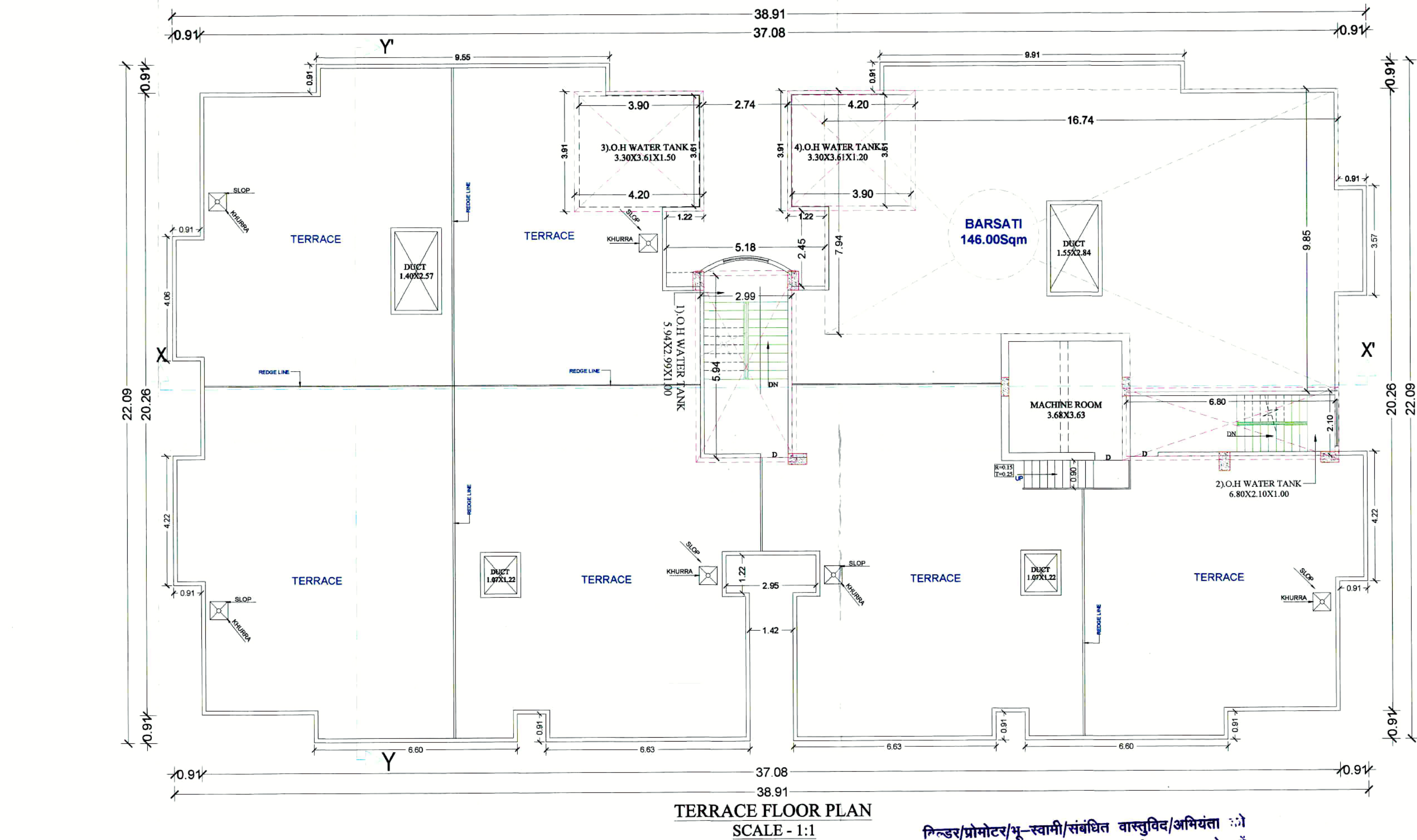
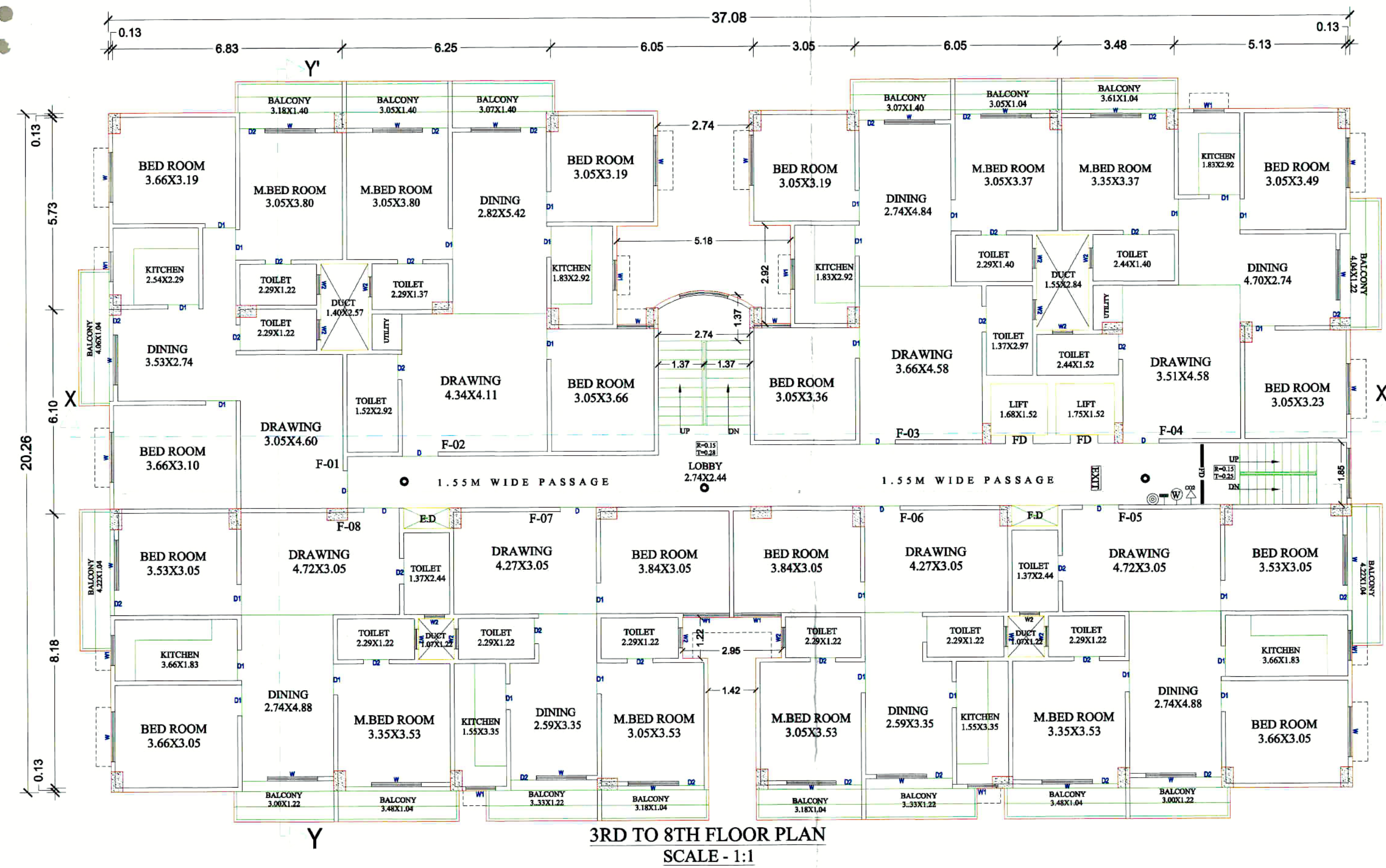




WATER TANK CALCULATION

FOR COMMERCIAL :-
TOTAL BUILT UP AREA = 2401.35 SQM.
TOTAL CARPET AREA = 2401.35/2 = 1200.67SQM.
ASSUME 10 sqm CARPET AREA= 1 PERSON
HENCE 1200.67sqm. CARPET AREA = 120PERSON
TOTAL WATER REQUIRED = 120X50 = 6000Cum
= 6000LTR + 20%EXTRA = 7200 LTR.
TOTAL WATER REQUIRED = 7.20cum.

FOR RESIDENTIAL :-
TOTAL NO. OF FLAT = 48
ASSUME 5 PERSON/FLAT REQ. = 48X5 = 240
TOTAL NO. OF PERSON = 240 PERSON
ADD 20 % EXTRA = 288PERSON
ASSUME 135 LTR. WATER CONSUMPTION/PERSON/DAY
= 288X135 + 25,000 (FOR FIRE FIGHTING)
= 63880 LTR. = 63.88CUM.
TOTAL WATER TANK SIZE REQUIRED
= 7.20 + 63.88 = 71.08CUM
TOTAL SIZE OF WATER TANK PROVIDED
1) 5.94X2.99X1.00 = 17.76CUM
2) 6.80X2.10X1.00 = 14.28 CUM
3) 3.90X3.61X1.50 = 21.11CUM
4) 3.90X3.61X1.50 = 21.11CUM
= 17.76 + 14.28 + 21.11 + 21.11 = 74.26CUM

RAIN WATER HARVESTING CALCULATION

TOTAL TERRACE AREA = 731.93SQM.
RECHARGE PIT CAPACITY @ 6 CUM FOR 100 SQM.
SO, 731.93SQM. REQUIRED RECHARGE PIT AREA
= 7.31X 6 = 43.86 CUM
RECHARGE PIT SIZE PROVIDED
= 5.00X3.00X3.00 = 45.00 CUM

PROPOSED COMMERCIAL CUM RESIDENTIAL BUILDING FOR

1). SMT PARVATI DEVI
W/O- LATE JANAK RAI
2). SRI CHANDERDEEP RAI
3). SRI LAXMI NARAYANRAI
4). SRI GRIJANANDAN RAI
5). SRI MOFIL RAI
6). SRI MOTI LAL SINGH

ALL
S/O
LATE JANAK RAI

S.PLOT NO - 361 KHATA NO - 17
THANA NO - 23 WARD NO - 32(NEW)
MAUZA - DELHWAN
THANA - RAMKRISHNA NAGAR
DIST - PATNA
DEVELOPER -
M/S - SHREE RAVI HOMES PVT. LTD.
DIRECTOR
1) SRI RABINDRA KUMAR
2) SRI RAJESH KUMAR
S/O - RAJENDRA SINGH

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

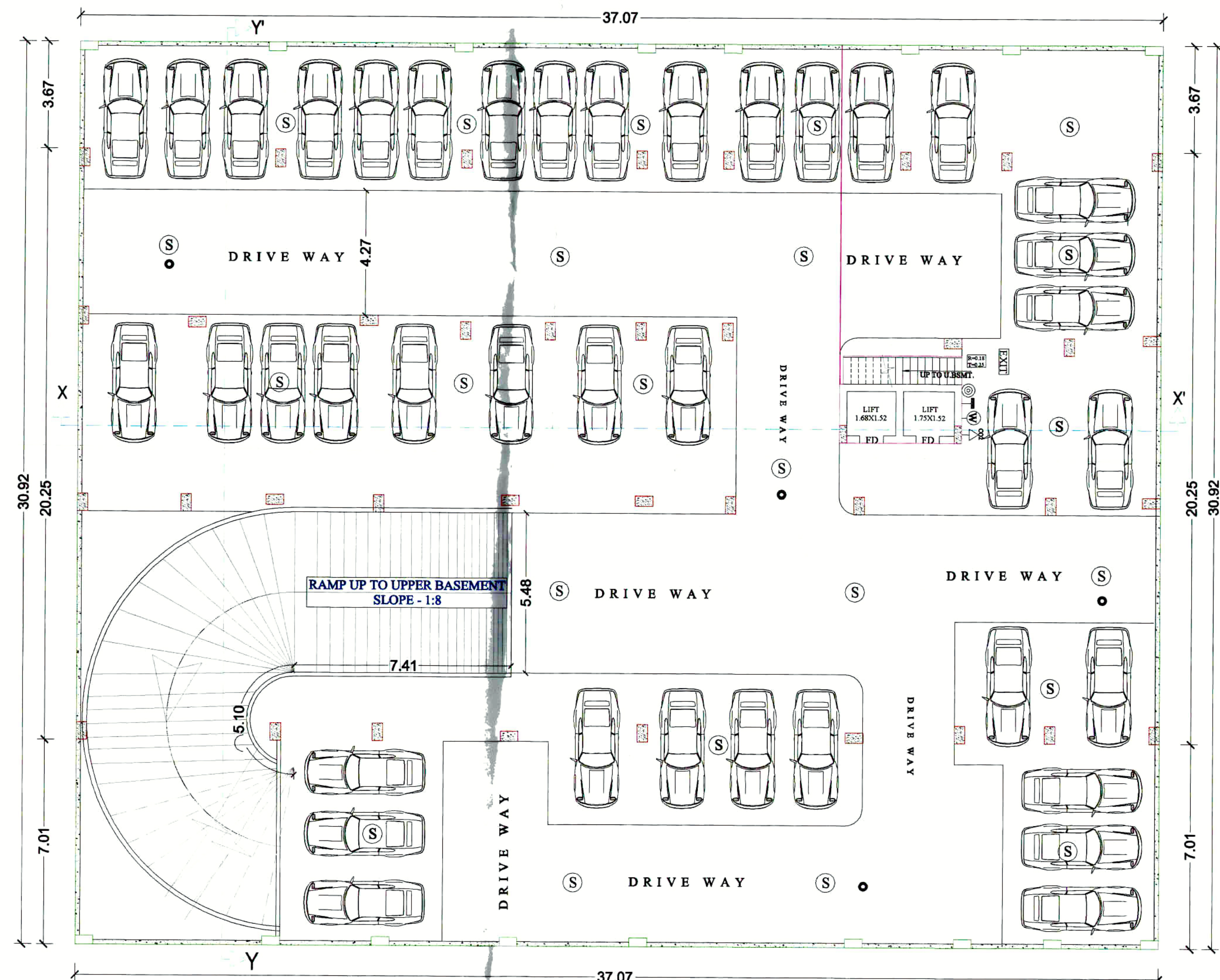
SIGNATURE OF ARCH/ENG.

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

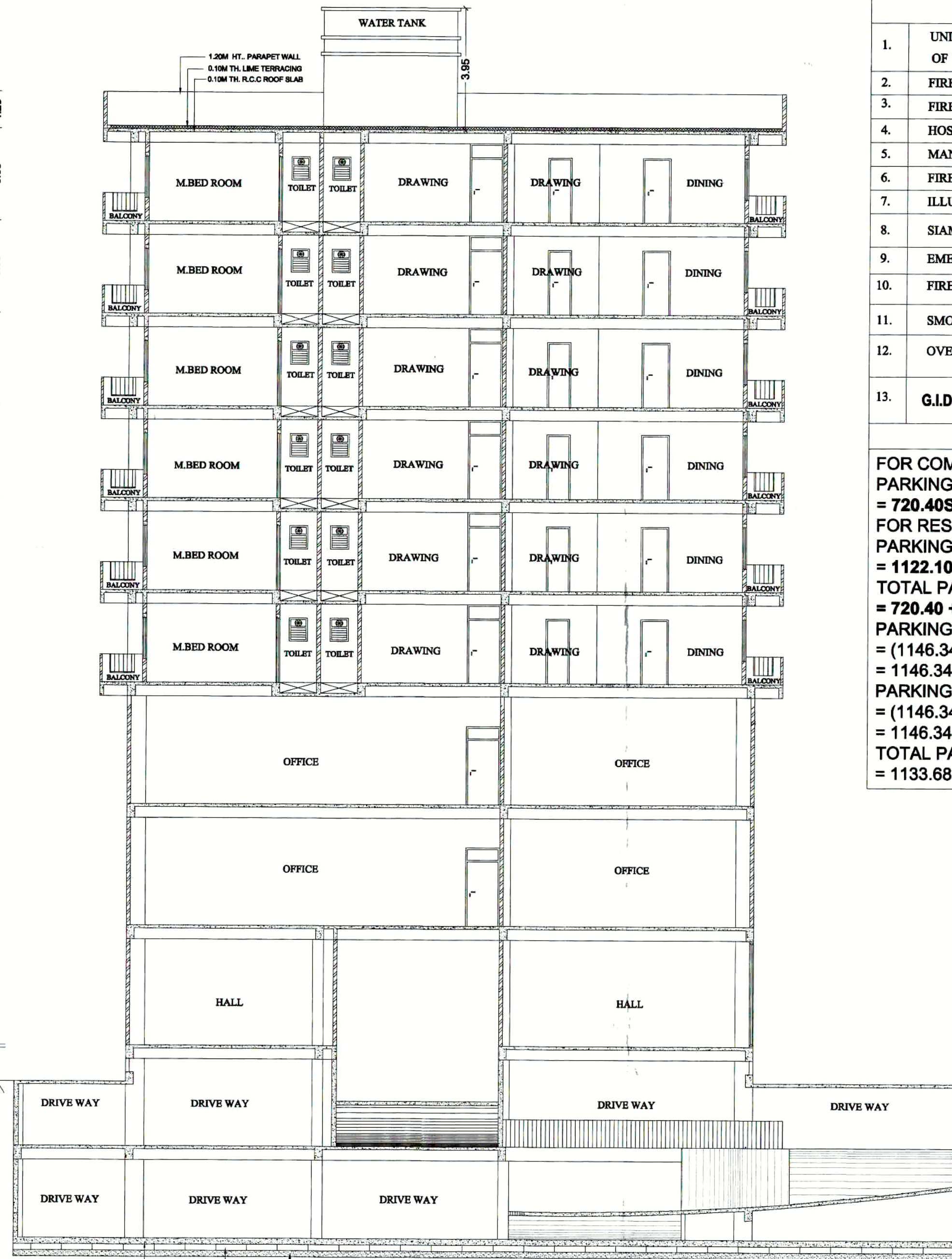
SIGNATURE OF STR. ENG.

SANCTION OF PLAN ACCORDED
PATNA MUNICIPAL CORPORATION
PATNA REGIONAL DEVELOPMENT AUTHORITY (DISSOLVED)
P/DHELLWAN-PCN-28+8+8/288/2021
Case No. 288/2021
Sanction of Plan Accorded under Section
315, 316 & 317 of the Bihar Municipal Act 2007
by the Municipal Commissioner, Patna on.....
Date. 22.06.2021
SANCTION OF PLAN ACCORDED

निदेशक
राजेश कुमार
पटना नगर निगम, पटना
22.06.21



TOTAL BUILDING HEIGHT - 29.90 M.



:- FIRE LEGEND :-

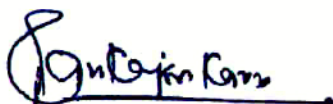
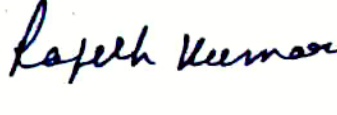
1.	UNDER GROUND WATER TANK OF 1,00,000 LTRS. CAP.	1,00,000 LTRS.
2.	FIRE RESISTANCE DOOR	FD
3.	FIRE HYDRANT SYSTEM	W
4.	HOSE REEL	H
5.	MANUAL CALL ALARM POINT	⊙
6.	FIRE EXTINGUISHER CO2 TYPE	⊙
7.	ILLUMINATED EXIT DIRECTIONAL SIGN	EXIT
8.	SIAMESE CONNECTION	+
9.	EMERGENCY LIGHTING SYSTEM	⊙
10.	FIRE SPRINKLER	⊙
11.	SMOKE DETECTOR	A S A
12.	OVER HEAD WATER TANK	25,000 LTRS.
13.	G.I. DOWN COMER SYSTEM	H

PARKING CALCULATION

FOR COMMERCIAL:-
PARKING AREA REQUIRED @ 30% = 2401.35SQM
= 720.40Sq.m.(As/ TABLE No- 19, S. No.-2)
FOR RESIDENTIAL:-
PARKING AREA REQUIRED @ 25% = 4488.42SQFT
= 1122.10SQFT(As/ TABLE No- 19, S. No.-3)
TOTAL PARKING AREA REQUIRED
= 720.40 + 1122.10 = 1842.25SQFT
PARKING PROVIDED AT Cov. L.Bsmt. FLOOR
= (1146.34) - (L.Bsmt. flr B/U Area)
= 1146.34 - 12.66 = 1133.68Sqft.
PARKING PROVIDED AT Cov. U.Bsmt. FLOOR
= (1146.34) - (U.Bsmt. flr B/U Area)
= 1146.34 - 245.32 = 901.02Sqft.
TOTAL PARKING AREA PROVIDED
= 1133.68 + 901.02 = 2034.70 Sqm.

SPECIFICATION	
(1) FOUNDATION :- R.C.C. PILE FOUNDATION.	(2) SUPER STRUCTURE :- 1st CLASS BRICK WORK IN CEMENT MORTAR 1:4.
(3) FLOORING :- 025 TH. P.S. FLOORING OVER 15 DRY RAMMED KINOA OVER ONE LAYER BRICK FLAT SOLING OVER LOCAL SAND FILLING.	(4) R.C.C. WORK :- SLAB, LINTEL, STAIR, BEAM & CHAJIA IN 1:1.5:12.3 WITH PROPER BURN FOR CEMENT.
(5) TERRACING :- 10TH AVERAGE LIME TERRACING OVER 10 TH R.C.C. ROOF SLAB	(6) PLASTER :- 012 TH CEMENT PLASTER ON BOTH SIDE WALL & 006 CEMENT PLASTER ON CEILING.
(7) DRAIN :- 18 CM WIDE & 30 CM DEEP PLAIN DRAIN ROUND IN THE BUILDING.	(8) COLOUR :- AS PER CHOICE.

AREA CALCULATION	
TOTAL PLOT AREA (AS/POSITION) -----	2022.25 SQ.MT
EXCESS LAND TO BE LEFT -----	24.56 SQ.MT
NET PLOT AREA -----	1997.69 SQ.MT
L.BSMT. FLOOR B/U AREA -----	12.66 SQ.MT.
U.BSMT. FLOOR B/U AREA -----	245.32 SQ.MT.
GROUND FLOOR B/U AREA -----	684.97 SQ.MT.
1ST. FLOOR B/U AREA -----	729.20 SQ.MT.
2ND. FLOOR B/U AREA -----	729.20 SQ.MT.
3RD. FLOOR B/U AREA -----	731.93 SQ.MT.
4TH. FLOOR B/U AREA -----	731.93 SQ.MT.
5TH. FLOOR B/U AREA -----	731.93 SQ.MT.
6TH. FLOOR B/U AREA -----	731.93 SQ.MT.
7TH. FLOOR B/U AREA -----	731.93 SQ.MT.
8TH. FLOOR B/U AREA -----	731.93 SQ.MT.
TOTAL B/U AREA -----	6792.93 SQ.MT.
	= 6792.93
	1997.69 F.A.R - 3.40
BARSATI AREA = 146.38 Sqm < 20% of 731.93Sq.m.	

	
	Er. Pankaj K. Karri (Engineer) EMP No.-ER/10/2018 PATNA MUNICIPAL CORPORATION
	SIGNATURE OF ARCH./ENG.
	
	Er. Pratik K. Karri, (Structural Engineer) EMP No.-SE/03/2018 PATNA MUNICIPAL CORPORATION
SIGNATURE OF OWNER	SIGNATURE OF STR. ENG.

SIGNATURE OF ARCH/ENG.

SIGNATURE OF OWNER

SIGNATURE OF STR. ENG.

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

PATNA MUNICIPAL CORPORATION
PATNA REGIONAL DEVELOPMENT AUTHORITY (DISSOLVED)
Case No. DELHWAN-PCN-287418/287419/287420/287421
Sanction of Plan Accorded under Section 315, 316 & 317 of the Bihar Municipal Act 2007 by the Municipal Commissioner, Patna on.....
Date 22/06/2021
SANCTION OF PLAN ACCORDED

निर्देशक
शहरी योजना
पटना नगर निगम, पटना
22/06/2021
शहरी योजना
पटना नगर निगम