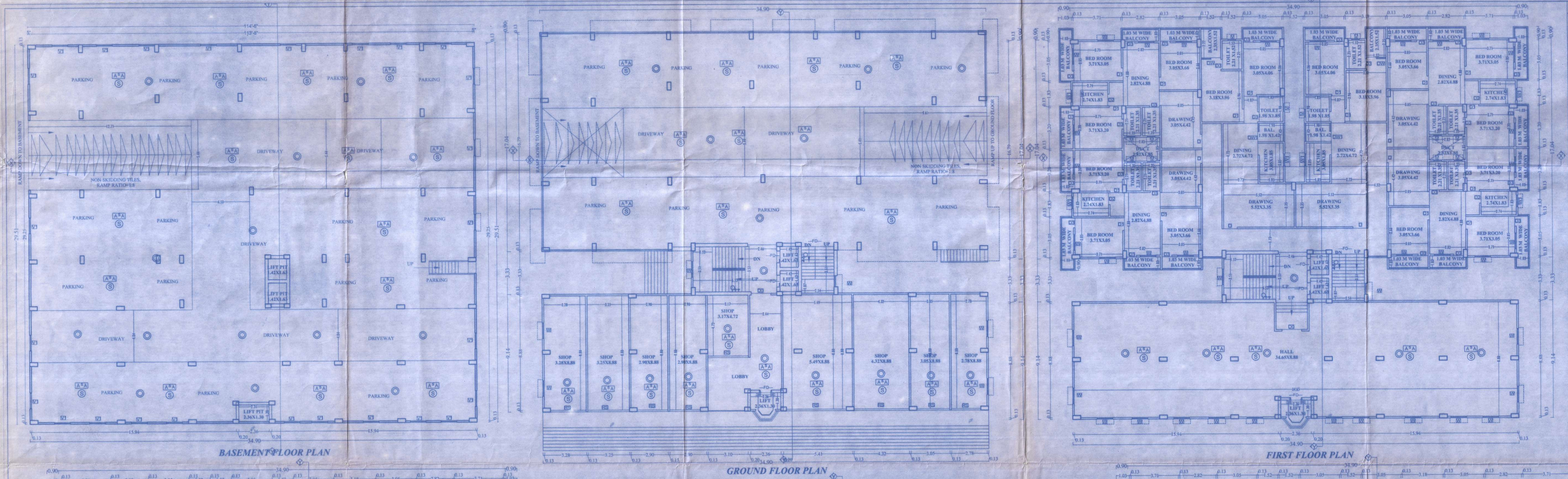

SPECIFICATION:-

1. **FOUNDATION** - R.C.C. UNDER REAMED PILE FOUNDATION 6.0 M DEEP WITH R.C.C. AS/ STRUCTURAL ENGINEER.
2. **SUPER STRUCTURE** - 1st CLASS BRICK WORK IN SUPER STRUCTURE WITH CEMENT MORTER 1:6.
3. **PLINTH** - HEIGHT P.L. AND G.L. AS SHOWN IN SECTION.
4. **FLOORING** - 0.025M TH. I.P.S. FLOORING OVER 0.125M TH. DRY RAMMED KHOA OVER 0.075 M TH. BRICK FLAT SOLING OVER SAND FILLING.
5. **ROOF** - 0.10M TH. AVERAGE LIME TERRACING OVER R.C.C. ROOF SLAB.
6. **DOORS** - CHOWKHATS OF DOORS TO BE SAL WOOD.
7. **WINDOWS** - ALL WINDOWS TO BE FULLY GLAZED IN STEEL.
8. **PLASTER** - 0.12M TH. CEMENT PLASTER ON BOTH SIDE OF BRICK WORK .
9. **COLOURING** - COLOUR OR WHITE WASH AS/CHOICE

WATER TANK CALCULATION:-

RESIDENTIAL DEMAND

TOTAL NO. OF FLATS = 36 NOS.

ASSUMING 5 PERSON PER FLAT, TOTAL NO. OF PERSON = 36x5 = 180 PERSON

RESIDENTIAL WATER DEMAND @135 LPCD =180 x135=24300 LITRE

COMMERCIAL DEMAND

Total b/u area / 2 = Carpet area =947.94 / 2 = 473.97 sqm

Total Carpat Area = 473.97 sqm

EACH PERSON HAVING 6 sqm

NO. OF PERSON = 473.97/6 = 78.99 PERSON

TOTAL NO. OF PERSON = 79 PERSON

COMMERCIAL WATER DEMAND @ 45 LPCD = 79X45=3555 LITRE

TOTAL REQD.VOLUME OF WATER TANK = 24300+3555 = 27855 LITRE =27.85 Cu.m.

PROVIDED OVERHEAD WATER TANKS (2 NOS.)

1) 6.40X3.51 X1.2 = 26.95 qb.m.

2)3.48X2.13 X1.2 = 8.89 qb.m.

~~TOTAL PROVIDE AREA OF SEPTIC TANK =35.84 qb.m.~~

SEPTIC TANK CALCULATION:-

PROPOSED RESIDENTIAL SEPTIC TANK

TOTAL NO. OF FLATS = 36 NOS.

ASSUMING 5 PERSON PER FLAT, TOTAL NO. OF PERSON = 36x5 = 180 PERSON

PROPOSED COMMERCIAL SEPTIC TANK

Total b/u area / 2 = Carpet area =947.94 / 2 = 473.97 sqm

Total Carpat Area = 473.97 sqm

EACH PERSON HAVING 6 sqm

NO. OF PERSON = 473.97/6 = 78.99 PERSON

TOTAL NO. OF PERSON = 79 PERSON

TOTAL NO. OF PERSON = (180+79) PERSON=259 PERSON

PER PERSON REQD. = 0.085 qb.m./day

TOTAL VOLUME REQD. = 259X0.085 = 22.01 qb.m.

AREA OF SEPTIC TANK SIZE =5.50X1.5 X3.00 = 24.75 qb.m.

TOTAL PROVIDE VOLUME OF SEPTIC TANK =24.75 qb.m.

SCHEDULE OF DOORS & WINDOWS

S.NO	TYPE	WIDTH	CILL	HEIGHT	DESCRIPTION
01	D0	1.53	0.0	2.13	SINGLE LEAF DOOR
02	D	1.07	0.0	2.13	SINGLE LEAF DOOR
03	D1	0.99	0.0	2.13	SINGLE LEAF DOOR
04	D2	0.76	0.0	2.13	SINGLE LEAF DOOR
05	W	1.22	0.76	1.37	FULLY GLAZED WIN.
06	W1	0.91	0.91	1.22	FULLY GLAZED WIN.
07	V1	1.22	0.76	0.45	FULLY GLAZED WIN.
08	V	0.61	0.76	0.61	FULLY GLAZED WIN.
09	RS	-	0.00	2.13	ROLLING SHUTTER

AREA CALCULATION :-

TOTAL PLOT AREA = 1821.43 sq.m.

RESIDENTIAL B/U AREA

BASEMENT FLOOR B/U AREA=16.08 sq.m.

GROUND FLOOR B/U AREA= 28.79sq.m.

FIRST FLOOR B/U AREA= 618.40 sq.m.

SECOND FLOOR B/U AREA= 618.40 sq.m.

THIRD FLOOR B/U AREA= 618.40 sq.m.

FOURTH FLOOR B/U AREA= 618.40 sq.m.

FIFTH FLOOR B/U AREA= 618.40 sq.m.

SIXTH FLOOR B/U AREA= 618.40 sq.m.

TOTAL RESIDENTIAL B/U AREA (ALL FLOOR) = 3755.27 sq.m.

COMMERCIAL B/U AREA

GROUND FLOOR B/U AREA= 315.98 sq.m.

FIRST FLOOR B/U AREA= 315.98 sq.m.

SECOND FLOOR B/U AREA= 315.98 sq.m.

TOTAL COMMERCIAL B/U AREA (ALL FLOOR) =947.94 sq.m.

TOTAL B/U AREA (3755.27+947.94)sq.m. =4703.21 sq.m.

F.A.R.= $\frac{\text{total built up area}}{\text{Plot area}}$ =4703.21/1821.43= 2.58

PLOT DETAILS :-

PROPOSED COMMERCIAL CUM RESIDENTIAL COMPLEX OF M/S SRI VISHNU BUILDCON PVT.LTD, M.D-SRI RAVI CHOURASIA, S/O SRI KANHAIYA LAL CHOURASIA HAVING MAUZA-BODHGAYA, P.S.-BODHGAYA, THANA NO.-359, PLOT NO.-61(OLD), 85(NEW), KHATA NO.-201(OLD)778(NEW) DISTRICT-GAYA

LAND OWNER :-

1. IRSHAD ALAM S/O NAUSHAD ALAM
2. NAUSHAD ALAM S/O ABDUL RAZZAQ
3. BIBI AMNA KHATUN W/O ABDUL RAZZAQ

SHEET NO. SCALE. NORTH.

Ravi Chaurasia

SIGNATURE OF OWNER.

AMIT KUMAR
ARCHITECT
REGD NO.-BGNP/A/09/2015
NAGAR PANCHAYAT, BODH GAYA

SIGNATURE OF ARCHITECT/ENGINEER.

कनीय अभियंता के स्थल जाँच प्रतिवेदन एवं स्वीकृति अनुशंसा के आलोक में स्वीकृत।

कार्यालय नगर पंचायत बोधगया

पत्रांक 80 दिनांक 27/12/19
भवन प्लान स्वीकृत
वैधता तीन वर्ष (स्वीकृति की तिथि से)

27/12/19

नगर कार्यपालक पदाधिकारी
नगर पंचायत, बोधगया

27/12/19