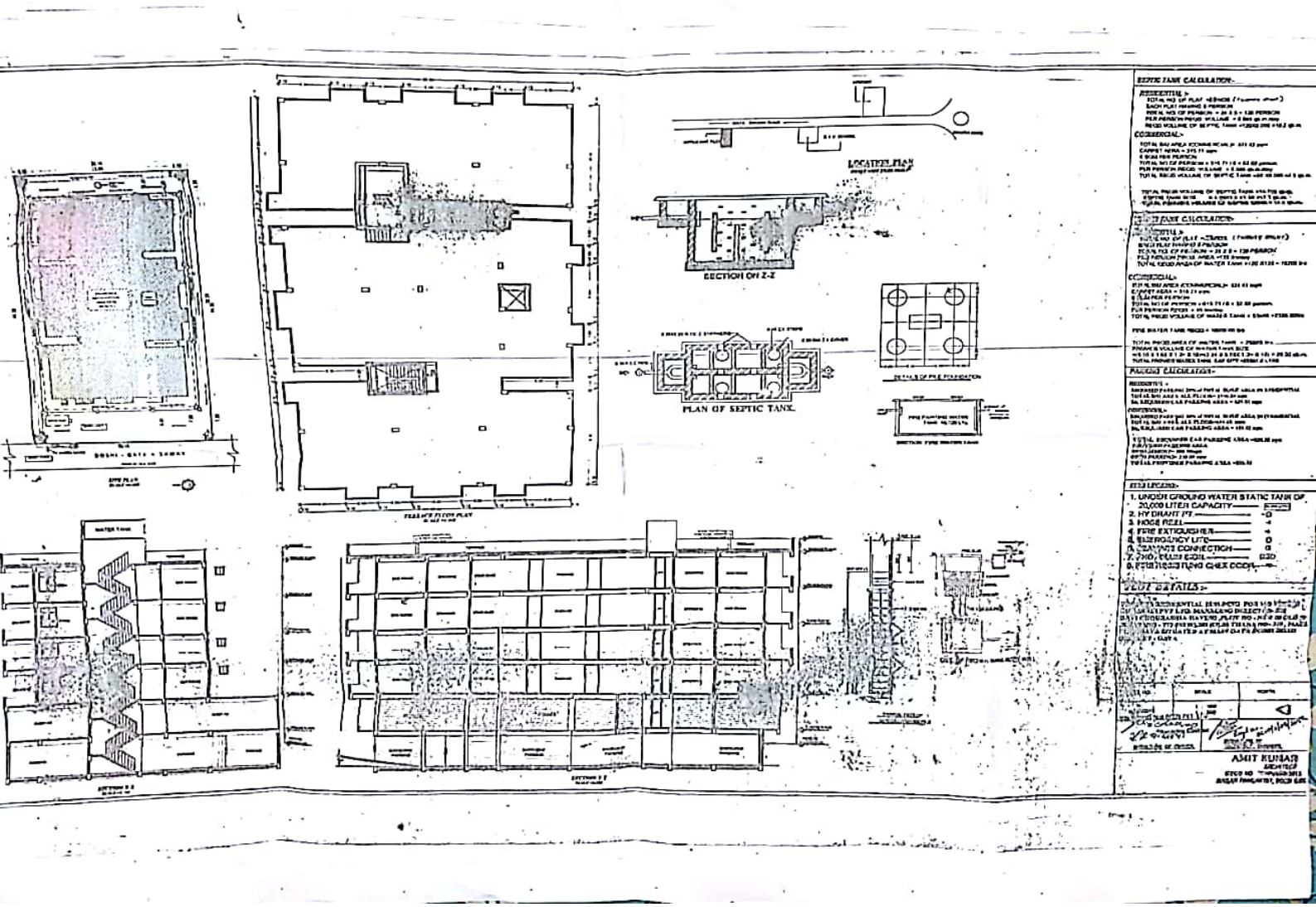

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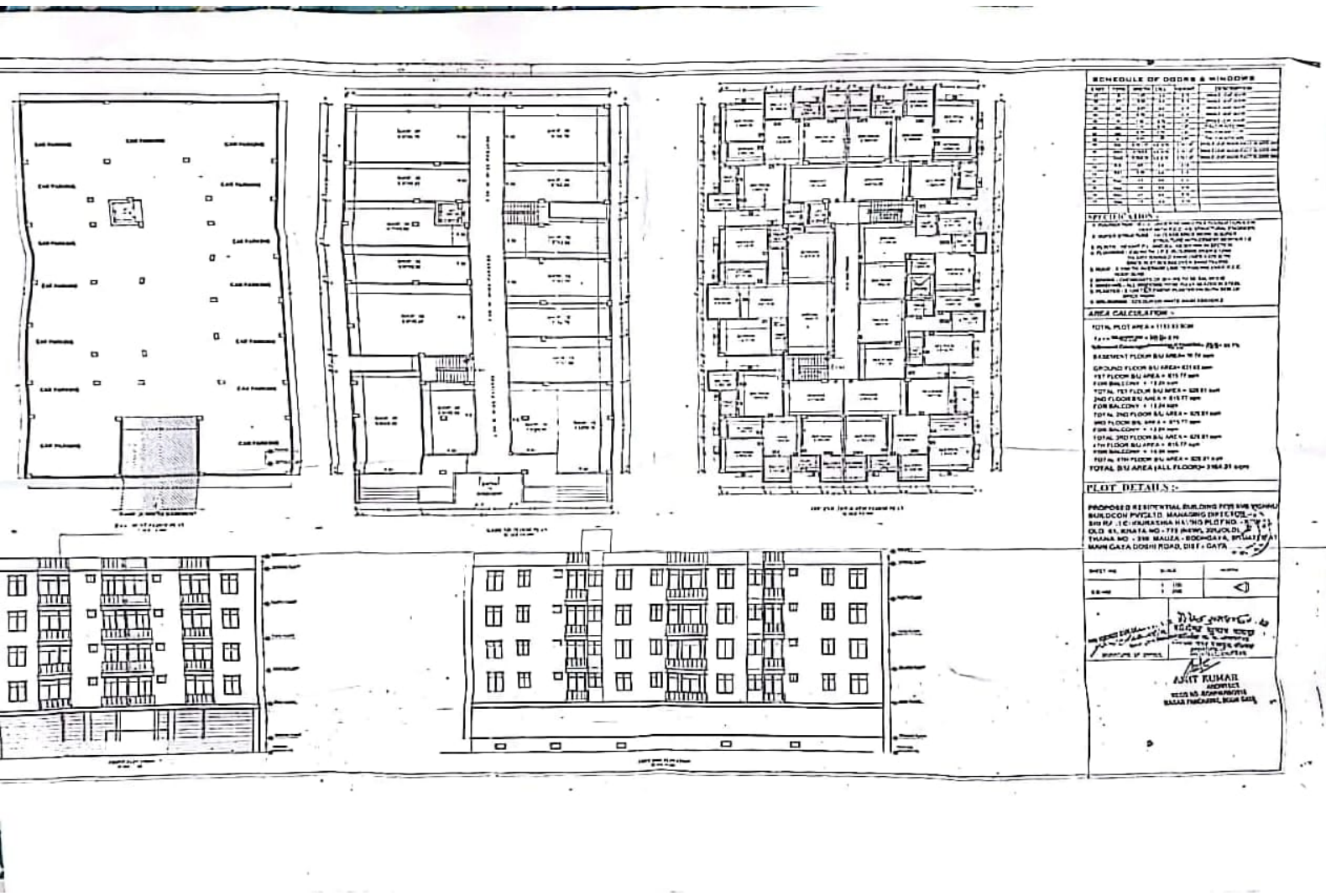

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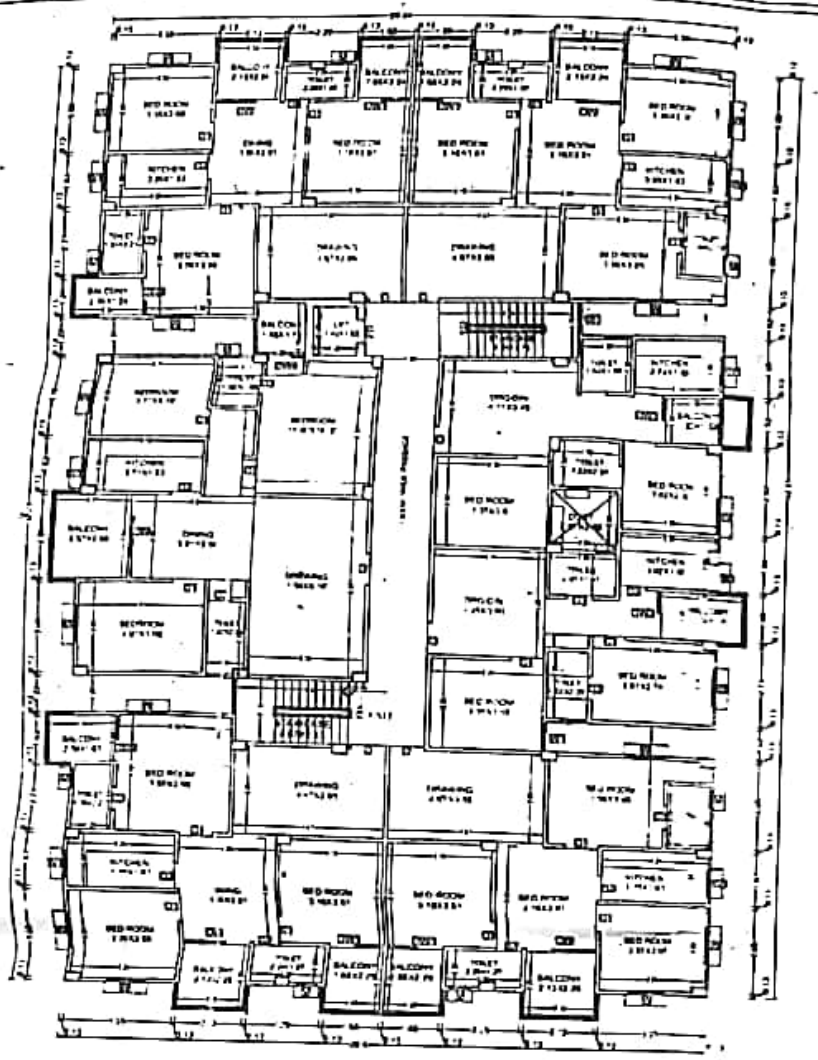
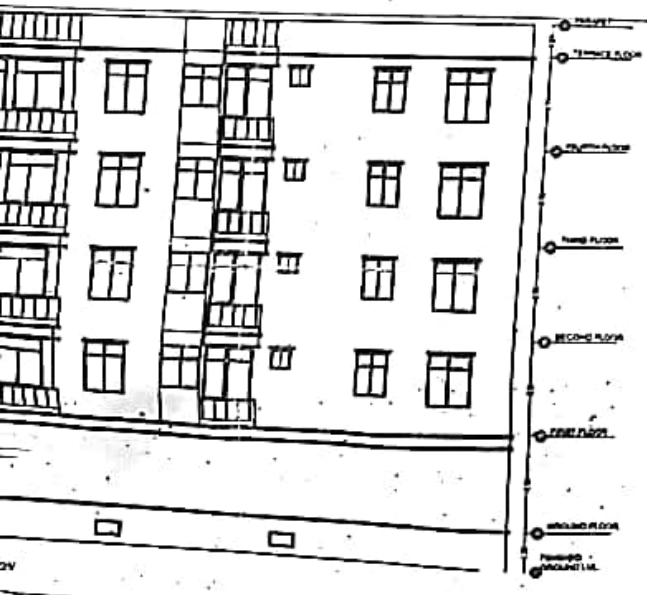


1ST, 2ND, 3RD & 4TH FLOOR PLAN
SCALE =1:100



SCHEDULE OF DOORS & WINDOWS

S NO	TYPE	WIDTH	CILL	HEIGHT	DESCRIPTION
01	D	1.37	0.0	2.13	SINGLE LEAF DOOR
02	D1	0.99	0.0	2.13	SINGLE LEAF DOOR
03	D2	0.91	0.0	2.13	SINGLE LEAF DOOR
04	D3	0.76	0.0	2.13	SINGLE LEAF DOOR
05	W	1.52	0.75	1.37	SINGLE LEAF DOOR
06	W1	1.21	0.75	1.37	FULLY GLAZED WIN
07	W2	0.91	0.75	1.37	FULLY GLAZED WIN
08	V	0.91	1.37	0.91	FULLY GLAZED WIN
09	DW	0.76/1.37	0.0/0.75	2.13/1.37	SINGLE LEAF DOOR/FULLY GLAZED WIN
10	DW1	0.76/0.9	0.0/0.75	2.13/1.37	SINGLE LEAF DOOR/FULLY GLAZED WIN
11	DW2	0.76/0.76	0.0/0.75	2.13/1.37	SINGLE LEAF DOOR/FULLY GLAZED WIN
12	RS	0.0	0.0	2.13	
13	RS1	0.99	0.0	2.13	
14	RS2	1.0	0.0	2.13	
15	RS3	1.0	0.0	2.13	
16	RS4	2.1	0.0	2.13	
17	RS5	1.1	0.0	2.13	

SPECIFICATION:-

1. FOUNDATION - R.C.C. UNDER REAMED PILE FOUNDATION 8.0 M DEEP WITH R.C.C. AS/ STRUCTURAL ENGINEER.
2. SUPER STRUCTURE - 1st CLASS BRICK WORK IN SUPER STRUCTURE WITH CEMENT MORTER 1:8.
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

AREA CALCULATION :-

TOTAL PLOT AREA = 1133.53 SQM.

f.a.r.= $\frac{\text{Total covered area}}{\text{Plot area}}$ = $\frac{3164.21}{1133.53}$ = 2.79

%Ground Coverage= $\frac{\text{Covered Area of Ground Floor}}{\text{Plot area}}$ = $\frac{631.43}{1133.53}$ = 55.7%

BASEMENT FLOOR B/U AREA= 16.74 sqm

GROUND FLOOR B/U AREA= 631.43 sqm
1ST FLOOR B/U AREA = 615.77 sqm
FOR BALCONY = 13.24 sqm
TOTAL 1ST FLOOR B/U AREA = 629.01 sqm
2ND FLOOR B/U AREA = 615.77 sqm
FOR BALCONY = 13.24 sqm
TOTAL 2ND FLOOR B/U AREA = 629.01 sqm
3RD FLOOR B/U AREA = 615.77 sqm
FOR BALCONY = 13.24 sqm
TOTAL 3RD FLOOR B/U AREA = 629.01 sqm
4TH FLOOR B/U AREA = 615.77 sqm
FOR BALCONY = 13.24 sqm
TOTAL 4TH FLOOR B/U AREA = 629.01 sqm
TOTAL B/U AREA (ALL FLOOR)= 3164.21 sqm

PLOT DETAILS :-

PROPOSED RESIDENTIAL BUILDING FOR M/S VISHNU BUILDCON PVT.LTD. MANAGING DIRECTOR - SRI RAVI CHOURASHIA HAVING PLOT NO. - NEW 01, OLD 01, KHATA NO - 778 (NEW), 201 (OLD), THANA NO. - 359, MAUZA - BODHGAYA, SITUATED AT MAIN GAYA DOBHI ROAD, DIST - GAYA

SHEET NO	SCALE	NORTH
S.D-1/02	1 : 100 1 : 200	

SIGNATURE OF OWNER

SIGNATURE OF ARCHITECT / ENGINEER

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

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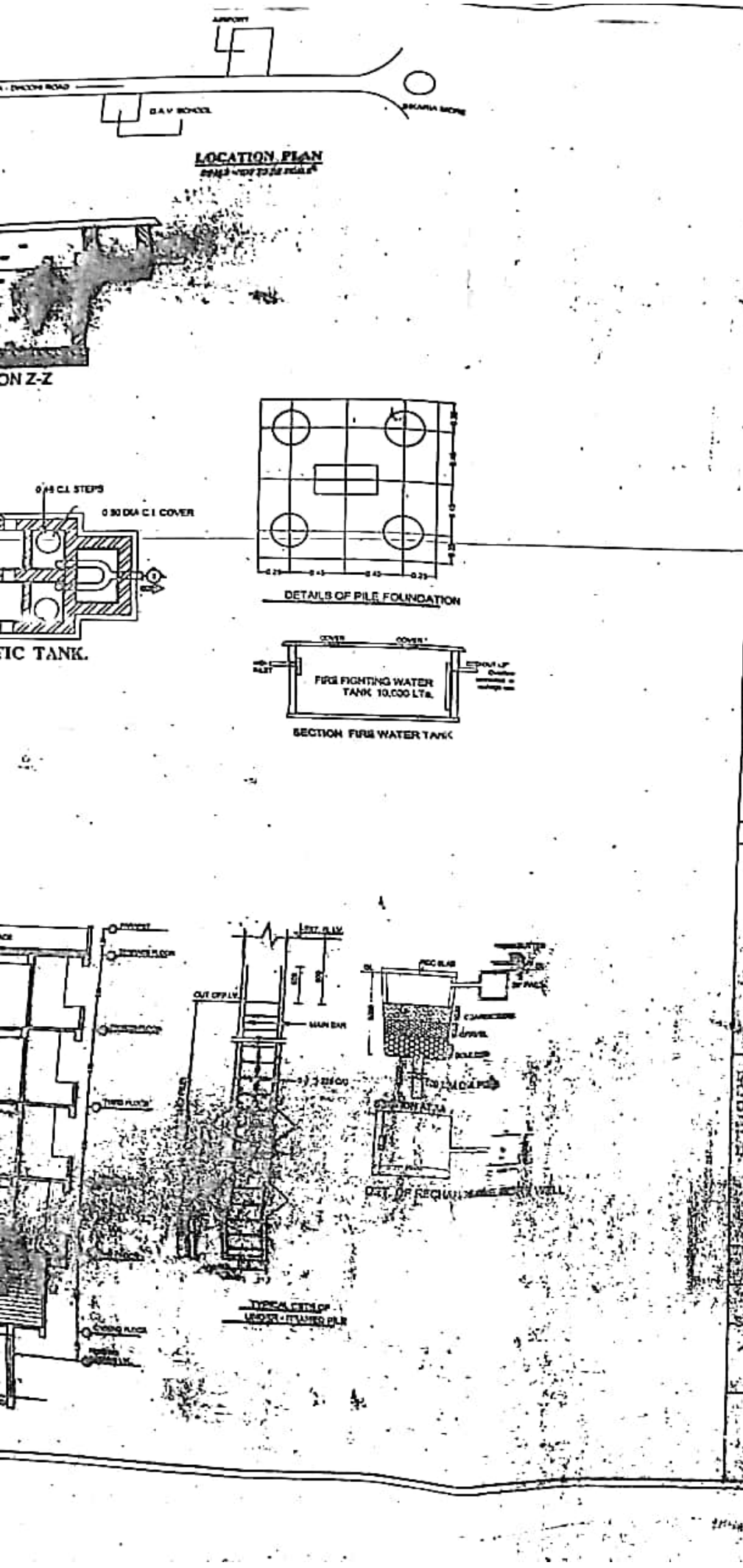

SEPTIC TANK CALCULATION:-

RESIDENTIAL :-

TOTAL NO. OF FLAT =20 NOS. (TWENTY EIGHT)
EACH FLAT HAVING 5 PERSON
TOTAL NO. OF PERSON = 24 X 5 = 120 PERSON
PER PERSON REQD. VOLUME = 0.085 qb.m./day
REQD.VOLUME OF SEPTIC TANK =120X0.085 =10.2 qb.m.

COMMERCIAL:-

TOTAL B/U AREA (COMMERCIAL)= 631.43 sqm
CARPET AERA = 315.71 sqm.
6 SQM PER PERSON
TOTAL NO OF PERSON = 315.71 / 6 = 52.62 person.
PER PERSON REQD. VOLUME = 0.085 qb.m./day
TOTAL REQD.VOLUME OF SEPTIC TANK =53 X0.085 =4.5 qb.m.

TOTAL REQD.VOLUME OF SEPTIC TANK =14.705 qb.m.
SEPTIC TANK SIZE = 4.50X2.5 X1.52 =17.1 qb.m.
TOTAL PROVIDE VOLUME OF SEPTIC TANK = 17.1 qb.m.

WATER TANK CALCULATION:-

RESIDENTIAL :-

TOTAL NO. OF FLAT =20 NOS. (TWENTY EIGHT)
EACH FLAT HAVING 5 PERSON
TOTAL NO. OF PERSON = 24 X 5 = 120 PERSON
PER PERSON REQD. AREA =135 ltrs/day
TOTAL REQD.AREA OF WATER TANK =120 X135 = 16200 ltrs

COMMERCIAL:-

TOTAL B/U AREA (COMMERCIAL)= 631.43 sqm
CARPET AERA = 315.71 sqm.
6 SQM PER PERSON
TOTAL NO OF PERSON = 315.71 / 6 = 52.62 person.
PER PERSON REQD. = 45 ltrs/day
TOTAL REQD.VOLUME OF WATER TANK = 53x45 =2365.00ltrs

FIRE WATER TANK REQD.= 10000.00 ltrs

TOTAL REQD.AREA OF WATER TANK = 28565 ltrs
PROVIDE VOLUME OF WATER TANK SIZE
=(3.10 X 1.63 X 1.2+ 0.15)+(2.24 X 3.63X 1.2+ 0.15) = 29.30 qb.m.
TOTAL PROVIDE WATER TANK CAP CITY =29307.0 LTRS

PARKING CALCULATION:-

RESIDENTIAL :-

REQUIRED PARKING 25% of TOTAL BU/UP AREA IN RESIDENTIAL
TOTAL B/U AREA ALL FLOOR= 2516.04 sqm
So, REQUIRED CAR PARKING AREA = 629.01 sqm

COMMERCIAL:-

REQUIRED PARKING 30% of TOTAL BU/UP AREA IN COMMERCIAL
TOTAL B/U AREA ALL FLOOR=631.43 sqm
So, REQUIRED CAR PARKING AREA = 189.42 sqm

TOTAL REQUIRED CAR PARKING AREA =820.05 sqm
PROVIDED PARKING AREA
ENTRANCE= 586.50sqm
OPEN PARKING= 250.05 sqm
TOTAL PROVIDED PARKING AREA =836.55

FIRE LEGEND:-

1. UNDER GROUND WATER STATIC TANK OF 20,000 LITER CAPACITY — 20,000 LITRE
2. HY DRANT PT. — H
3. HOSE REEL — ⊣
4. FIRE EXTIGUISHER — →
5. EMERGENCY LITE — O
6. DEAMAGE CONNECTION — G
7. PROTOSUM SIGN. — EXIT
8. FIRE RESISTUNG CHEK DOOR — FD

PLOT DETAILS :-

PROPOSED RESIDENTIAL BUILDING FOR M/S VISHWA BUILDCON PVT LTD. MANAGING DIRECTOR- [illegible] GAVI CHOURASHIA HAVING PLOT NO - NEW 05 OLD [illegible] NO - 773 (NEW),201 (OLD) THANA NO- 359, MAUZA [illegible] GAYA SITUATED AT MAIN GAYA DOBHI ROAD [illegible] - GAYA

SCALE	NORTH
1 : 100 1 : 200	

SRI VISHWA BUILDCON PVT LTD.
Managing Director
SIGNATURE OF OWNER

Regd No- BGNP/A/09/2015
SIGNATURE OF ARCHITECT / ENGINEER

AMIT KUMAR
ARCHITECT
REGD NO [illegible]
NAGAR PANCHAYAT, BOCH GAYA

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