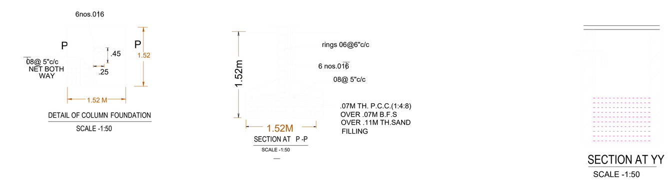
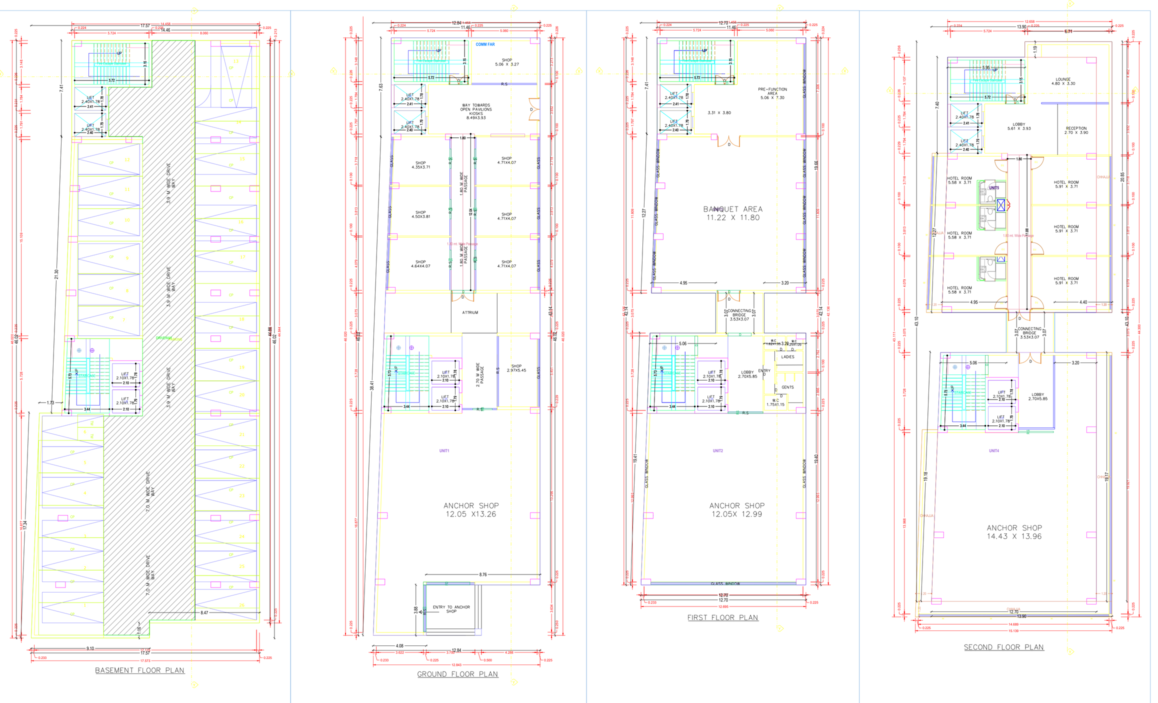
Project Title: PROPOSED COMMERCIAL BUILDING BG+8 AT LOHARDAGHA

CAR PARKING=26 NOS. AREA=325 m²
TWO WHEELER PARKING= 26 NOS AREA= 25 m²
VISITOR PARKING= 3 NOS AREA=37.5 m²





CERTIFICATE
This is to certify thal the structural design of this building will be as per IS 1893-1984 & 4326-1993 to make the same Earth quake resistant.

BRIEF SPACEFICATION

1. BRICK WORK IN FOUNDATION & SUPERSTRUCTURE.
2. FIRST CLASS BRICK WORK IN CEMENT MORTAR (1:6)
3. D.P.C.--" D.P.C. IN CEMENT CONCRETE (1:2:4).
4 .FLOOR---------- (a) 1" I.P.S. (b) MOSAIC FLOORING.
5. ROOF----------- 5 ½" THK. R.C.C. ROOF (1:1.5:3)
6. LINTEL BAND AT 3' LVL.-- 6"THK. R.C.C. LINTEL (1:1.5:3)
7. STAIRS RISE-- 6", TREAD-- 10"
8. DOORS D-3'3"X7'0", D1-3'0"X7'0", D2-2'6"X7'0"
9. WINDOWS--------W-5'0"X4'0", W1-4'0"X4'0", W2-2'6"X4'0"
10. VENTS-------------2'0"X2'0"
11. SAL WOOD FRAME & PAISAL WOOD SHUTTERS SHALL BE USED FOR DOOR .
12. ALMUNIUM GLAZED WINDOW AND VENTILATORS WITH GUARD BARS SHALL BE USED.
13. I.P.S. FLOOR SHALL BE USED OVER R.C.C. SLAB/P.C.C.
14. ALL MASONARY SURFACES SHALL BE PLASTERED WITH CEMENT MORTAR 1:6 R.C.C.WITH CEMENT MORTAR 1:4 IN ROOF
15. ALL STEEL AND WOOD WORK SHALL BE PAINTED WITH SYNTHETIC PANT .
16. ALL SANITARY AND ELECTRICAL FITTINGS SHALL BE OF STANDERD AND COMMERRCIAL QUALITY .

SCHEDULE OF DOORS AND WINDOWS

S.No	Type	Width	Height	Lintel	Description
1	D	1.050	2.100	2.100	single shutter panel door
2	D	0.975	2.100	2.100	single shutter panel door
3	D1	0.900	2.100	2.100	single shutter panel door
4	D2	0.750	2.100	2.100	single shutter panel door
5	W	1.500	1.200	2.100	4 leaf glazed shutter
6	W1	1.200	1.200	2.100	4 leaf glazed shutter
7	V	0.600	0.600	2.100	ventilation

SCHEDULE OF AREA

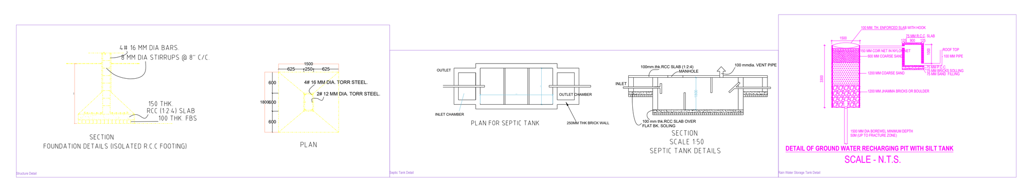
CLIENT

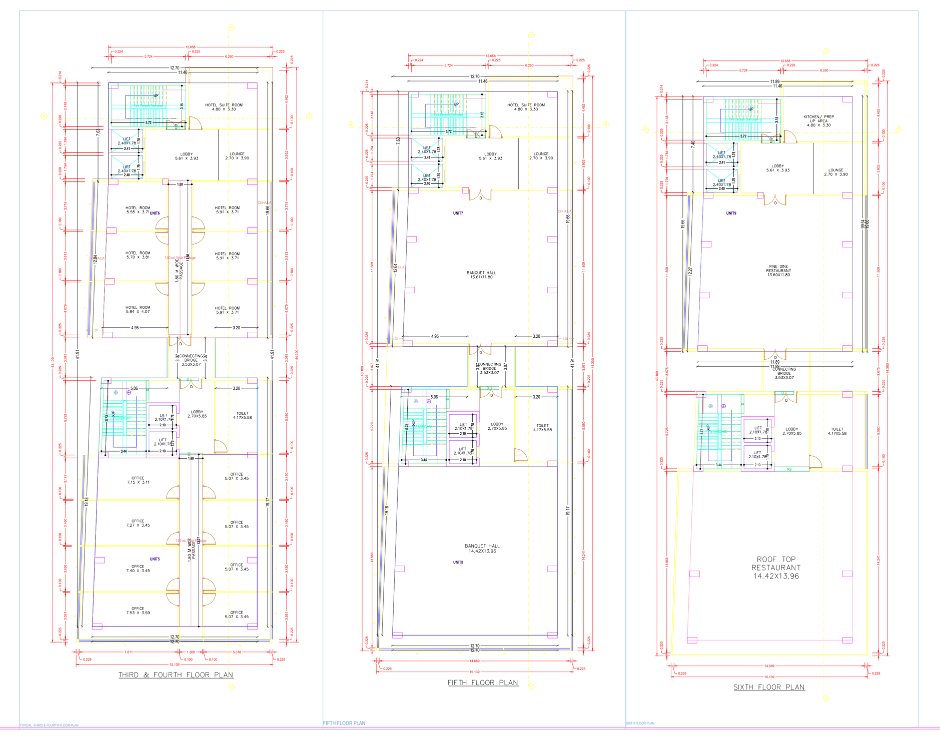
EXISTING RESIDENTIAL BUILDING FOR
ASLAM ZAFAR
S/O-LATE ALLIMUDDIN,
VILLEGE-BADAGAIN,
KHATA NO-94
R.S PLOT.NO-1180,
SUB PLOT NO-1180/PART
P.S-SADAR,THANA.NO-184,
DISTT.RANCHI,JHARKHAND

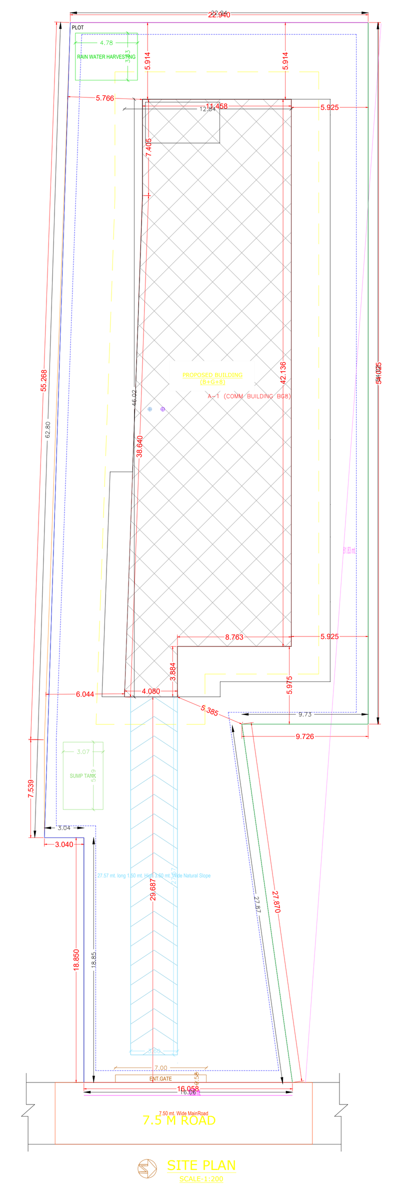
DESIGNED & CHECKED BY		Scale: 1:100	Sheet
DRAWN		Date :	01

ISSUE ONLY FOR Submition .

ARCHITECT | CLIENT







F.A.R AND COVERED AREA CALCULATION

S.N	FLOOR	Plinth Area with Set back	Projection: Balcony	Projection: C:B	Projection: Projection	Total Covered Area 3+4+5	Deduction: Lift Well	Deduction: Fire Stairs	Deduction: Ducts	Deduction: Void	Deduction: Others if permissible Parking	Deduction: Total (8+9+10+11+12)	Net Covered for FAR calculation Area(7-13)	Remarks
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
1.	BASEMENT FLOOR	712.05 m²	——	——	——	712.05 m²	——	——	——	——	640.57 m²	640.57 m²	71.48 m²	——
2.	GROUND FLOOR	493.99 m²	——	——	——	493.99 m²	17.13 m²	18.0 m²	——	——	——	35.13 m²	458.86 m²	——
3.	FIRST FLOOR	478.95 m²	——	——	——	478.95 m²	17.13 m²	18.0 m²	——	——	——	35.13 m²	443.82 m²	——
4.	SECOND FLOOR	478.95 m²	——	——	100.54 m²	579.49 m²	17.13 m²	18.0 m²	——	——	——	35.13 m²	544.36 m²	——
5.	THIRD FLOOR	478.95 m²	——	——	100.54 m²	579.49 m²	17.13 m²	18.0 m²	——	——	——	35.13 m²	544.36 m²	——
6.	FOURTH FLOOR	478.95 m²	——	——	100.54 m²	579.49 m²	17.13 m²	18.0 m²	——	——	——	35.13 m²	544.36 m²	——
7.	FIFTH FLOOR	478.95 m²	——	——	100.54 m²	579.49 m²	17.13 m²	18.0 m²	——	——	——	35.13 m²	544.36 m²	——
8.	SIXTH FLOOR	478.95 m²	——	——	100.54 m²	579.49 m²	17.13 m²	18.0 m²	——	——	——	35.13 m²	544.36 m²	——
9.	SEVENTH FLOOR	314.26 m²	——	——	67.26 m²	378.52 m²	17.13 m²	18.0 m²	——	——	——	35.13 m²	343.39 m²	——
10.	EIGHT FLOOR	314.26 m²	——	——	67.26 m²	378.52 m²	17.13 m²	18.0 m²	——	——	——	35.13 m²	343.39 m²	——
11.	TOTAL	4708.26 m²	——	——	637.22 m²	5345.48 m²	154.17 m²	162.0 m²	——	——	640.57 m²	956.74 m²	4382.74 m²	——

Plot Area=902.16 m²

$$FAR = \frac{\text{Net Covered Area}}{\text{Plot Area}} = \frac{4382.74\ m^2}{1707.88\ m^2} = 2.56$$

$$\%\ \text{Ground Coverage} = \frac{\text{Covered Area of Ground Floor}}{\text{Plot Area}} X100 = \frac{493.99\ m^2 \times 100\ m^2}{1707.88\ m^2} = 28.92\%$$