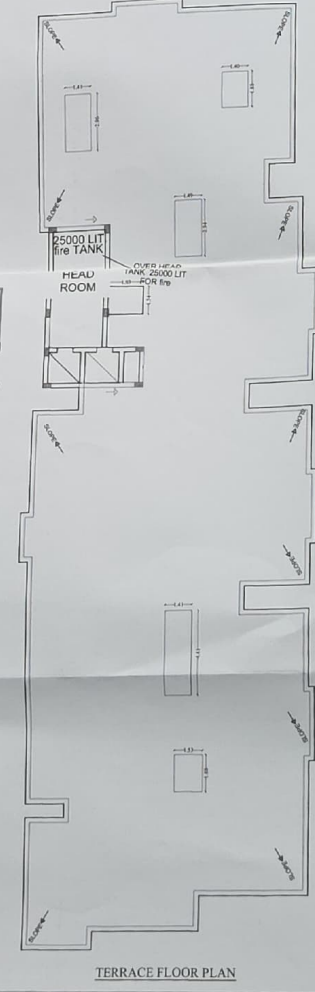
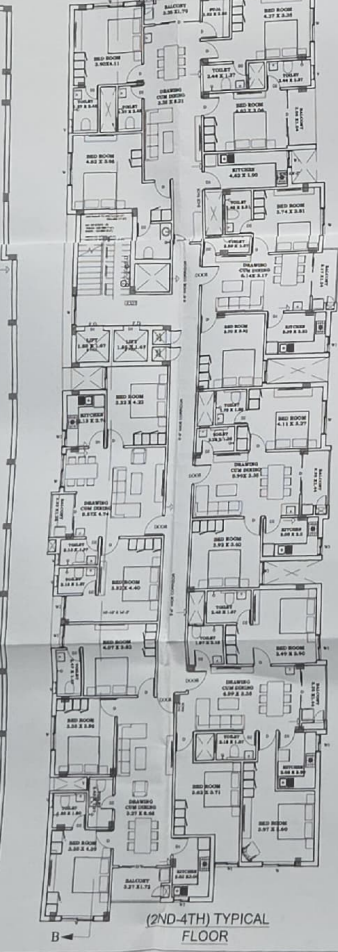
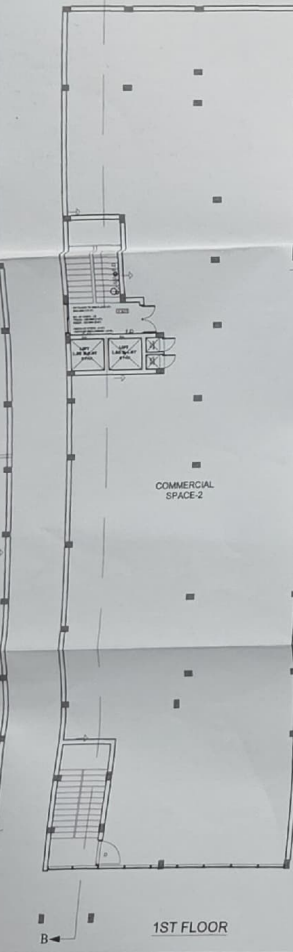
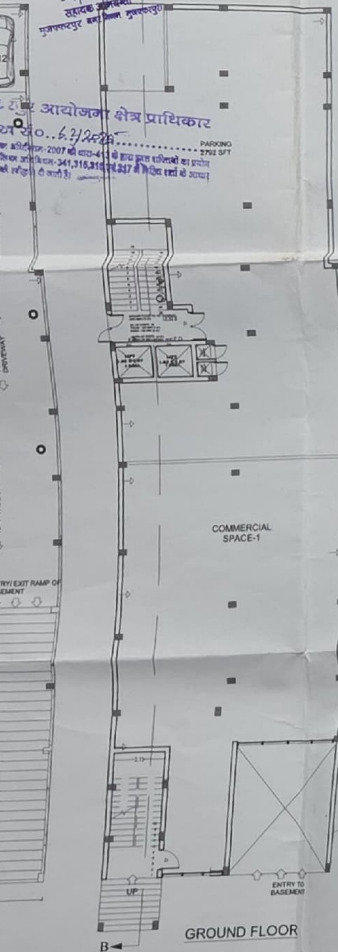
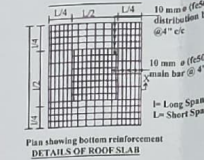
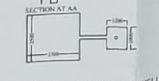
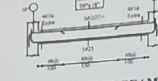
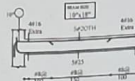
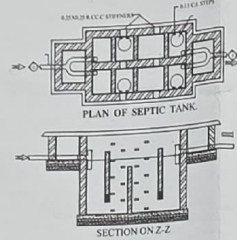


- | FIRE LEGEND | |
|---|--|
| 1. HYDRANT LAYOUT VALVE WET |  |
| 2. HOSE REEL |  |
| 3. SEAMEGE CONNECTION FOR FIRE BRIDGE
USE TO THE WET RISING SYSTEM |  |
| 4. FIRE EXISTINGUISHER |  |
| 5. OVER HEAD WATER TANK
OF 25000LTRSCAP.UNIT 100 LMP/HR |  25000 |
| 6. UNDER GROUND WATER TANK WITH AUTOMATIC
REFILLING ARRANGEMENT |  150000 |
| 7. GROUND HYDRANT |  H |
| 9. ILLUMINATED SIGNAGES |  |
| 10. FIRE SPRINKLERS |  |
| 11. SMOKE DETECTOR |  |
| 13. FRD |  |
| 14. PO SYSTEM |  |
| 15. DOWN COMOR |  |
| 16. F.R. DOOR |  |
| 17. ILLUMINATED EXIT DIRECTIONAL SIGN - |  EXIT |
| 18. LIGHTING POINT CONNECTED TO AN
EMERGENCY SYSTEM |  |

TYPE	WIDTH	HEIGHT	COLL	UNTEL	DESCRIPTION
DW	2' 4" X 3' 1"	5' 4" X 3' 1"	0' 0" X 1' 0"	0' 0"	
D1	3' 0"	5' 0"	0' 0"	0' 0"	
D2	3' 0"	5' 0"	0' 0"	0' 0"	
D3	2' 0"	5' 0"	0' 0"	0' 0"	
W	6' 0"	0' 0"	2' 0"	0' 0"	
W1	4' 0"	0' 0"	2' 0"	0' 0"	
W2	2' 0"	0' 0"	2' 0"	0' 0"	
W3	2' 0"	0' 0"	0' 0"	0' 0"	

SPECIFICATION:-

1. FOUNDATION - R.C.C. UNDER REAMED PILE FOUNDATION 600mm DEEP WITH R.C.C. AS STRUCTURAL ENGINEER'S DESIGN.
2. SUPER STRUCTURE - IN CLASS BRICK WORK IN SUPER. 150mm THICK WITH CEMENT MORTAR 1:4.
3. PLINTH - HEIGHT P.L. AND G.L. AS SHOWN IN SECTION.
4. FLOORING - 0.025M THICK C.C. FLOORING OVER R.075 M THICK DRY RASSED KHAKHRA OVER R.075 M THICK BRICK FLAT SOLING OVER SAND FILLING.
5. ROOF - 0.10M THE AVERAGE LINE TERRACING OVER R.C.C. ROOF SLAB.
6. DOORS - CHOWNKATS OF DOORS TO BE SEAL WORK.
7. WINDOWS - ALL WINDOWS TO BE FULLY GLAZED IN STEEL FRAME.
8. PLASTER - 0.02M THICK CEMENT PLASTER ON BOTH SIDE OF BRICK WORK.
9. COLOURING - COLOUR OR WHITE WASH AS CHOICE.

AREA CALCULATION:-

TOTAL PLOT AREA	=	11660.00 sqft.
BASEMENT FLOOR BU AREA	=	357.00 sqft.
BASEMENT FLOOR PARKING AREA	=	5897.00 sqft.
GROUND FLOOR PARKING AREA	=	2792.00 sqft.
GROUND FLOOR BU COMM. AREA	=	2755.00 sqft.
FIRST FLOOR BU COMM AREA	=	5547.00 sqft.
2ND FLOOR BU AREA	=	6858.00 sqft.
3RD FLOOR BU AREA	=	6858.00 sqft.
4TH FLOOR BU AREA	=	6858.00 sqft.
TOTAL BU COMMERCIAL AREA	=	8302.00 sqft.
TOTAL BU RESIDENTIAL AREA	=	2931.00 sqft.
TOTAL BU AREA ALL FLOOR	=	29233.00 sqft.
TOTAL PARKING AREA	=	8689.00 sqft.
29.72.00%		
BUILDING HEIGHT		14.95 M
F.A.R		> 50

PLOT DETAILS :-
 PROPOSED COMMERCIAL CUM RESIDENTIAL APARTMENT
 CONSTRUCTED BY 1. SRI RAVIDRA SINGH
 2. SRI NAGESHWAR PRASAD SINGH 3. SRI ARVIND KUMAR
 4. SRI SUKHOV PRASAD SINGH (SUKHOV SINGH)
 IN KHATA NO:- 74, KHEJURA NO:- 379
 AT:- BHAGWANPUR THANA NO:- 353 THANA - SADAR
 ANCHAL - MUSHARI , DISTT:- MUZAFFARPUR
 SCALE 1:100

Total No. Flats = 525 = 18 Nos.
 2 Cores in Each Flat. Therefore
 Total No. of Cores in Apartment = 18 x 2 = 36 Nos.
 Assuming
 Capacity of each Core = 1000000/2 = 500000000
 Capacity of Septic Tank Required = 36 x 0.13 = 4.68
 Assuming
 Clearing Depth of 2 Feet, therefore
 Max. Capacity of Septic Tank Required = 525 x 27 cuin.
 Capacity of Tank = 1000000/2 = 500000000
 Assuming Free Board of 0.30 m.
 Hence Minimum Size of Septic Tank = 1.50 m. Dia. x 2.10 m. Hgt.

OVER HEAD WATER TANK:-

Total No. of Deurganths In Agreement = 18 X 5 = 90 Nos.
Assuming Volume of water required = 100 Lbs./cups/acre, Therefore
Total Capacity of Water Tank Required = 90 X 100 = 18000 Lbs.
Total Capacity of Water Tank Provided (In Accordance With) 18321.12 Lbs. = 5.05
Considering Free Board of 0.50 Nos. therefore,
Overall Dimensions of Water Tank Provided (In Volume, N=1.21m, B= The U.S. tank shall be Provided over Rainwater Runoff & has Capacity to fulfill the Water Requirement for 3 Days.

SHEET NO.	SCALE.	NORTH.
0404	1" : 5'	

Valley Developers
Chandamni
Partner

Er. NABIL AHMAD
EMPANELLED STRUCTURAL ENGINEER
Reg. No BRAUCHDISE/23-0002
URBAN DEVELOPMENT & HOUSING
DEPARTMENT, BIHAR.

SIGNATURE OF OWNER	SIGNATURE OF ARCHITECT / INC.
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