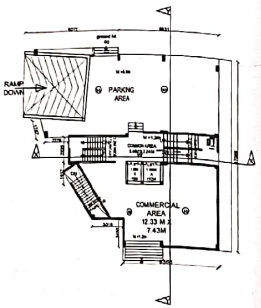
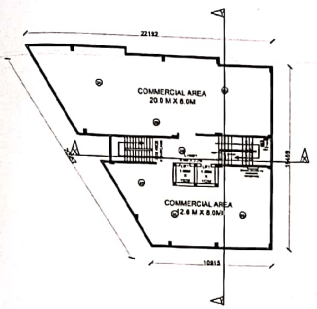


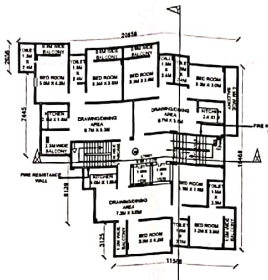
BASEMENT PLAN



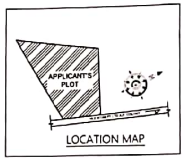
GROUND FLOOR PLAN

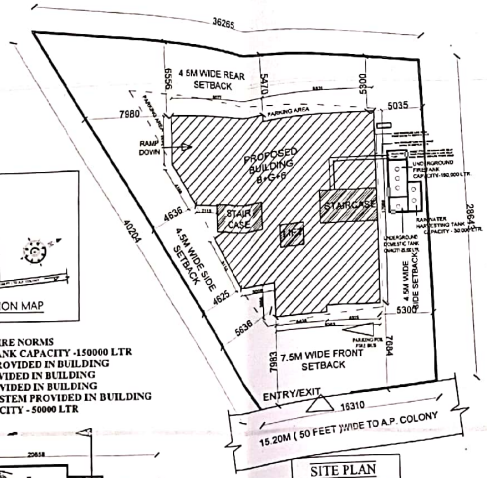


TYPICAL 1ST & 2ND FLOOR PLAN



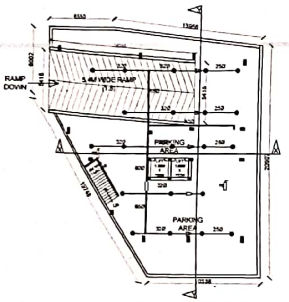
TYPICAL 3RD, 4TH, 5T & 6TH FLOOR PLAN



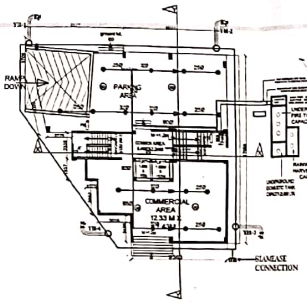


SITE PLAN

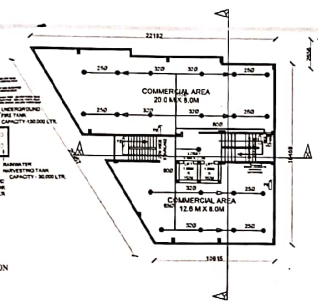
ALL FIRE WORK AS PER FIRE NORMS
1) UNDERGROUND FIRE TANK CAPACITY -150000 LTR
2) SPRINKLER SYSTEM PROVIDED IN BUILDING
3) HYDRANT SYSTEM PROVIDED IN BUILDING
4) SMOKE DETECTOR PROVIDED IN BUILDING
5) FIRE EXTINGUISHER SYSTEM PROVIDED IN BUILDING
6) OVERHEAD TANK CAPACITY - 50000 LTR



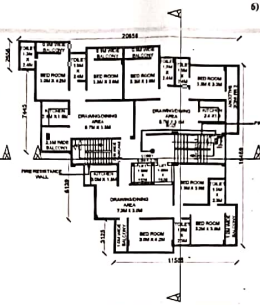
BASEMENT PLAN



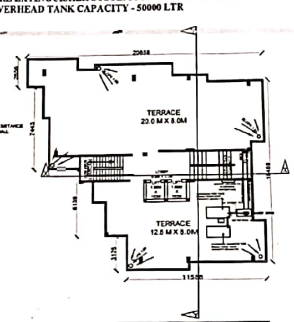
GROUND FLOOR PLAN



TYPICAL 1ST & 2ND FLOOR PLAN



TYPICAL 3RD, 4TH, 5T & 6TH FLOOR PLAN



TERRACE FLOOR PLAN

SPECIFICATION

1. FOUNDATION :- ISOLATED COMBINED R.C.C.PILE FOUNDATION AS/STR. DESIGN
2. SUPER STR. :- R.C.C. FRAME STRUCTURE
3. FIRST CLASS BRICK IN CEMENT MORTAR
4. FLOORING :- MOSAIC FLOORING IN ALL INDOOR AREAS AND I.P.S. FLOORING IN OTHER AREAS CORRIDOR WILL KOTA STONE FLOORING.
5. WALL FINISH :- INTERNAL WALLS AND CEILLINGS CEMENT PLASTER IN 1:6 WITH WHITE CEMENT WASH
6. DOOR :- 30 MM FLUSH PLY SHUTTERS IN SAL WOOD / STEEL FRAMES POINTED WITH CEATES OVER A COAT OF PRIMER OF ROLLING SHUTTER OF SYNTHETIC ENAMEL PRINT.
7. WINDOWS :- STEEL / WOODEN WINDOWS WITH GLAZING AS / DESIGN .
8. TOILET :- SANITARY WARES THAT IS WASH BASIN AND W.C. OF WHITE PORCELAIN ALL FITTINGS AND FIXTURES CHROMIUM PLATED OF STANDARD MARK GLAZED ALL INTERNAL G I PIPES CONCEALED
9. ELECTRICAL :- CONCEALED P.V.C. CONDUIT WIRING WITH STANDARD ELECTRICL ACCESSORIESS ADEQUATE LIGHT / POWER POINTS (WITH OUT ELECTRICAL FITTINGS LIKE TUBE , BULBS , FANS ETC)
10. WATER SUPPLY :- ROUND THE CLOCK WATER SUPPLY BY MEANS OF OWN BORING / CONDOUS MUNICIPAL WATER SUPPLY .

AREA FOR F.A.R. CALCULATION

TOTAL AREA OF PLOT AS/DEED	= 810.00 M2
BASEMENT FLOOR B/UP AREA	=310.00 M2
GROUND FLOOR B/UP AREA	=253.00 M2
FIRST FLOOR B/UP AREA	= 266.00 M2
SECOND FLOOR B/UP AREA	=266.00M2
THIRD FLOOR B/UP AREA	=259.00M2
FOURTH FLOOR B/UP AREA	=259.00M2
FIFTH FLOOR B/UP AREA	=259.00 M2
SIXTH FLOOR B/UP AREA	= 259.00 M2
TOTAL B/UP AREA FOR ALL FLOOR	=2131.00M2
PARKING AREA BASEMENT = 310.00 M2	
PARKING AREA GROUND FLOOR = 140.00 M2	
TOTAL PARKING AREA = 310+140 M2 = 450 M2	
TOTAL B/UP AREA FOR F.A.R	=2131.00M2-450 M2 = 1681 SQM

F.A.R. = 2.0
COVERAGE AREA = 32.8 %

WATER TANK CALCULATION

TAKING 12PPL/1000 SQFT
=> NO. OF PPL =(Area of floor/1000)*12
=(15313/1000)*12
= 229
TOTAL NO. OF PPL= 229
water required = 90Ltr/person/day
water tank required capacity - 17600 L
For 1000 L = 1m3
Thus tank capacity =17600L/1000= 17.6 m3
Therefore tank size provided :-
4.9m x 2.5m x 1.9m = 23.5 = 25 m3
with capacity - 25000 L
No. of tanks = 2
total capacity = 25000 x 2 = 50000 L

SEPTIC TANK CALCULATION

For 220 ppl
Volume required - 0.085 M3 / head /day
TOTAL REQUIRED VOLUME = 085 X 220
= 18.7 M3

That is - 18700 LTR.
PROVIDED SIZE OF SEPTIC TANK
=4.2 X 8.0 X 1.2 = 30.24 M3
TOTAL NO. OF TANKS PROVIDED = 1

PARKING CALCULATION

RESIDENTIAL = 25% OF 1036 M2 = 259 M2
COMMERCIAL = 30% OF 833 M2 = 190 M2

PARKING REQUIRED - 449 SQM

PARKING IN BASEMENT = 310 SQMT
PARKING AROUND THE SITE = 140 SQMT
TOTAL PARKING PROVIDED = 450 SQMT

PLOT DETAL

PROPOSED B+G+6 RESIDENTIAL CUM COMMERCIAL BUILDING FOR
LAND OWNERS:
MR. SHASHANK RANJAN, S/O LATE Dr. BIHARI LAL MISHRA

DEVELOPER:
M/s BHAVA DREAM CITY DEVELOPER Pvt. Ltd.
director: GAURAV KUMAR AND ANISH KUMAR

PLOT DETAIL
AT - A.P. COLONY
MAUZA = RAMPUR,
THANA - RAMPUR,
KHATA NO. - 10(O), PLOT NO. - 307(O)
DISTRICT - GAYA

PROJECT

PROPOSED B+G+6 RESIDENTIAL CUM COMMERCIAL BUILDING FOR
LAND OWNERS:
MR. SHASHANK RANJAN, S/O LATE Dr. BIHARI LAL MISHRA

DEVELOPER:
M/s BHAVA DREAM CITY DEVELOPER Pvt. Ltd.
directors: GAURAV KUMAR AND ANISH KUMAR

PROPOSED BUILDING TYPE

B+G+6 RESIDENTIAL CUM COMMERCIAL BUILDING

SHEET TITLE
SPRINKLER SYSTEM, HYDRANT SYSTEM, FIRE EXTINGUISHER SYSTEM, SMOKE DETECTOR (ALL FLOOR PLAN)

NORTH

SHEET NO.	DRN.	SCALE 1:100
F-01	DLT.	DATE
	APP.	

SIGN OF OWNER.

SIGN OF DEVELOPER

Bhava Dreaming Developers Pvt. Ltd.
Authorised Signatory

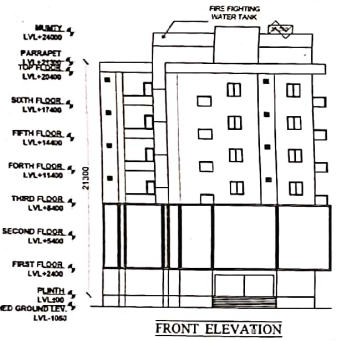
SIGN OF ARCHITECT

BIKAS KUMAR
CA/2015/84422

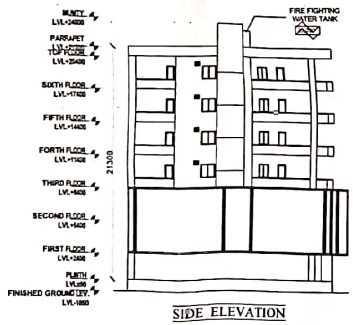
SIGN OF STRUCTURE ENG.

02 MAY 2024

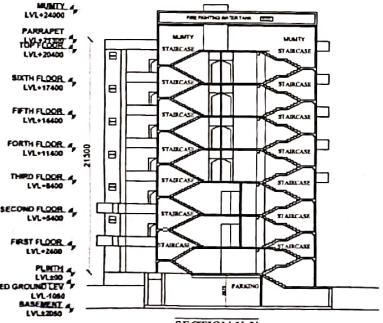
ARCHITECT
PRASHANT SINHA



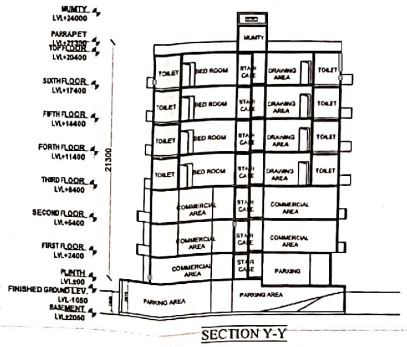
FRONT ELEVATION



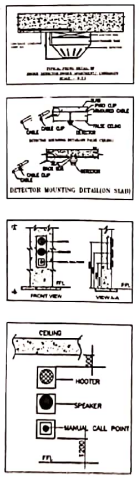
SIDE ELEVATION

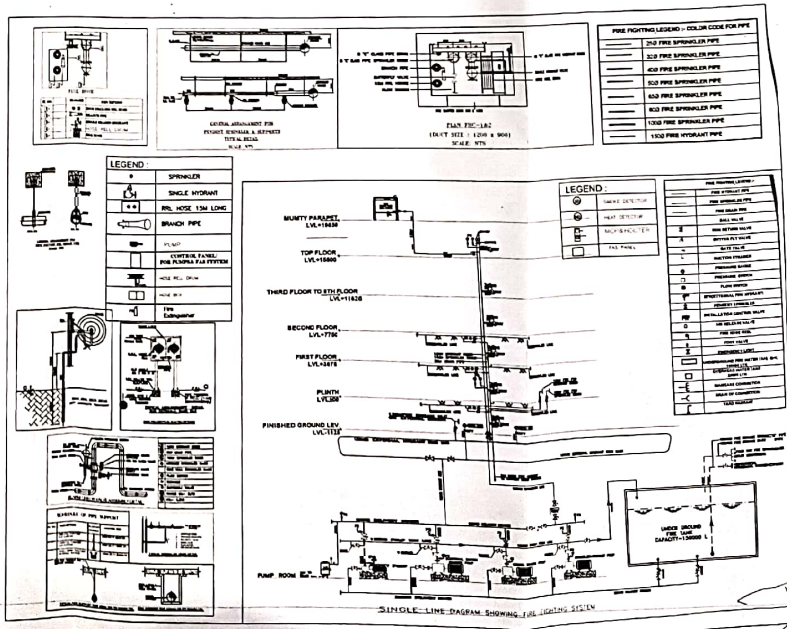


SECTION X-X



SECTION Y-Y





SINGLE LINE DIAGRAM SHOWING FIRE FIGHTING SYSTEM

Scanned with OKEN Scanner