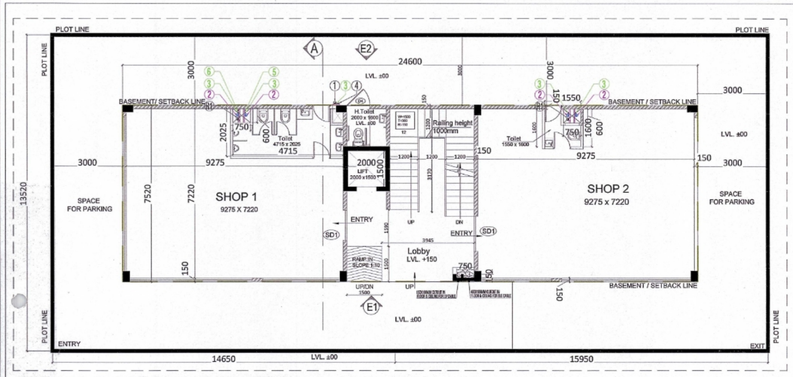
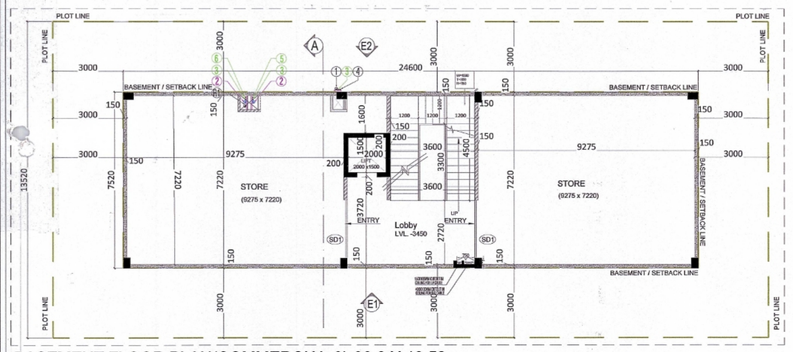
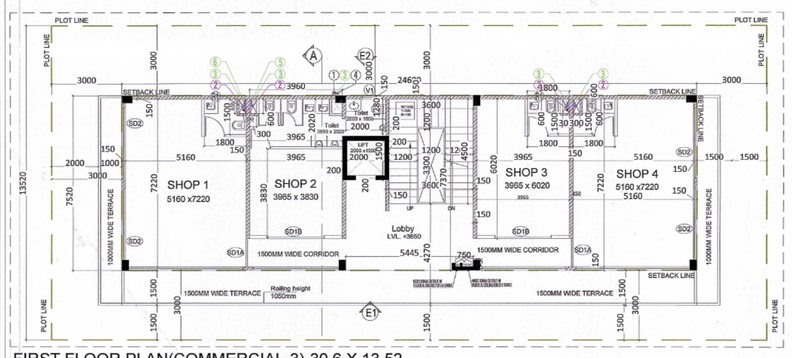


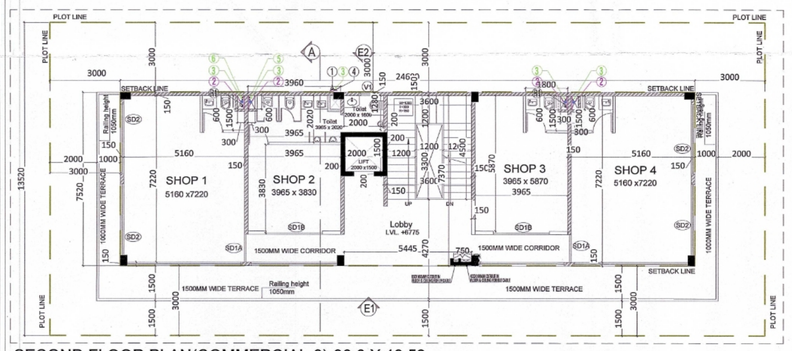
GROUND FLOOR PLAN(COMMERCIAL-3)-30.6 X 13.52



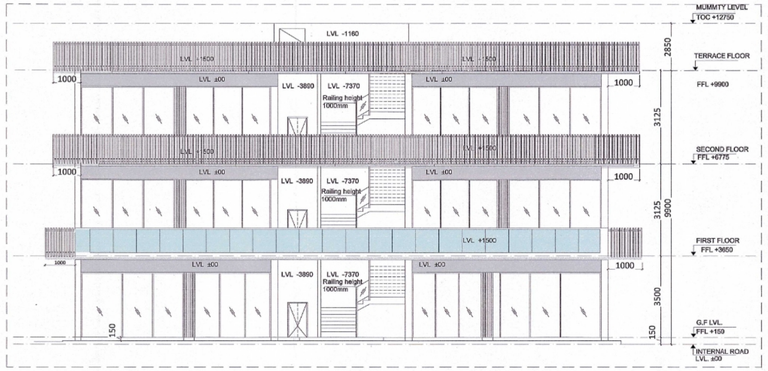
BASEMENT FLOOR PLAN(COMMERCIAL-3)-30.6 X 13.52



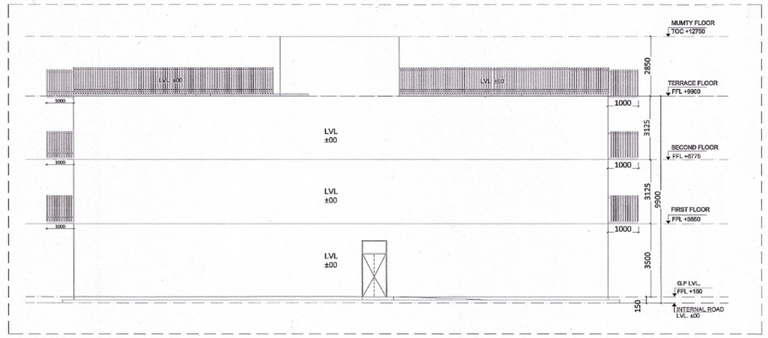
FIRST FLOOR PLAN(COMMERCIAL-3)-30.6 X 13.52



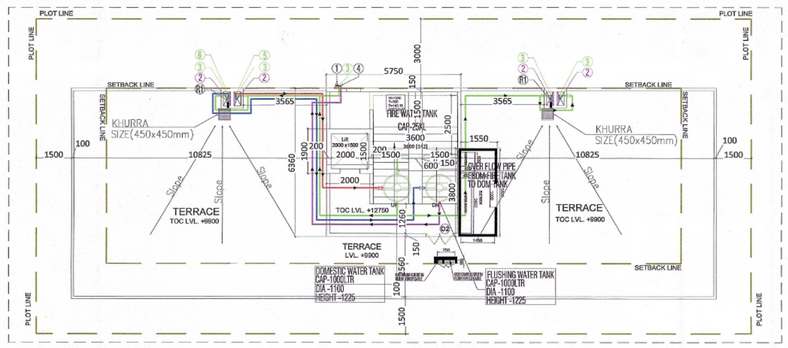
SECOND FLOOR PLAN(COMMERCIAL-3)-30.6 X 13.52



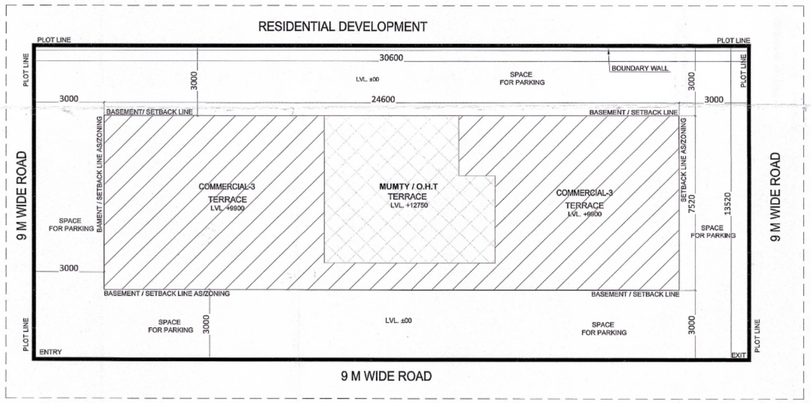
ELEVATION- E1



ELEVATION- E2

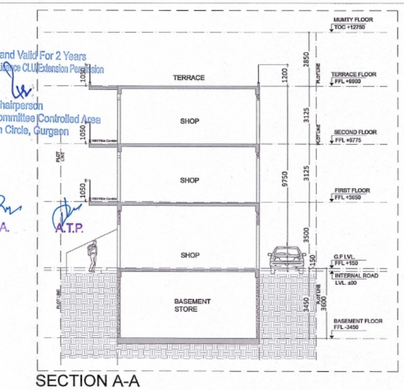


TERRACE FLOOR PLAN



SITE PLAN

COMMERCIAL-3 AREA CALCULATION								
							AREA	UNIT
TOTAL PLOT AREA						=	413.712	SQ.M.
PERMISSIBLE FAR @ 1.5						=	620.568	SQ.M.
PROPOSED FAR @ 1.240						=	512.976	SQ.M.
PERMISSIBLE GR. COV. @ 60%						=	248.227	SQ.M.
PROPOSED GROUND COVERAGE @ 44.72%						=	184.992	SQ.M.
AREA OF GROUND FLOOR								
A	24.600	X	7.520	X	1	=	184.992	SQ.M.
TOTAL AREA OF GROUND FLOOR (A)						=	184.992	SQ.M.
GROUND COVERAGE AREA						=	184.992	SQ.M.
AREA OF FIRST FLOOR								
A	24.600	X	7.520	X	1	=	184.992	SQ.M.
					TOTAL	=	184.992	SQ.M.
DEDUCTION								
1	2.000	X	1.500	X	1	=	3.000	SQ.M.
2	3.600	X	4.800	X	1	=	17.280	SQ.M.
5	0.300	X	0.600	X	1	=	0.180	
6	0.300	X	0.600	X	1	=	0.180	
7	0.300	X	0.600	X	1	=	0.180	
8	0.300	X	0.600	X	1	=	0.180	
					TOTAL	=	21.000	SQ.M.
TOTAL AREA OF FIRST FLOOR (B)						=	163.992	SQ.M.
AREA OF SECOND FLOOR								
A	24.600	X	7.520	X	1	=	184.992	SQ.M.
					TOTAL	=	184.992	SQ.M.
DEDUCTION								
1	2.000	X	1.500	X	1	=	3.000	SQ.M.
2	3.600	X	4.800	X	1	=	17.280	SQ.M.
5	0.300	X	0.600	X	1	=	0.180	SQ.M.
6	0.300	X	0.600	X	1	=	0.180	SQ.M.
7	0.300	X	0.600	X	1	=	0.180	SQ.M.
8	0.300	X	0.600	X	1	=	0.180	SQ.M.
					TOTAL	=	21.000	SQ.M.
TOTAL AREA OF SECOND FLOOR (C)						=	163.992	SQ.M.
TOTAL FLOOR AREA (A+B+C) = D						=	512.976	SQ.M.
BASEMENT AREA								
g1	24.600	X	7.520	X	1	=	184.992	SQ.M.
TOTAL AREA						=	184.992	SQ.M.
MACHINE ROOM AREA								
b1	2.000	X	1.900	X	1	=	3.800	SQ.M.
TOTAL MACHINE ROOM AREA (b1)						=	3.800	SQ.M.
MUMTY AREA								
a1	5.750	X	6.360	X	1	=	36.570	SQ.M.
TOTAL MUMTY AREA (a1)						=	36.570	SQ.M.
FIRE TANK AREA								
c1	3.600	X	2.800	X	1	=	10.920	SQ.M.
TOTAL FIRE TANK AREA (c1)						=	10.920	SQ.M.
ELECTRICAL ROOM AREA								
2	1.550	X	3.800	X	1	=	5.890	SQ.M.
TOTAL ELECTRICAL ROOM AREA (f1)						=	5.890	SQ.M.
STAIRCASE AREA								
2	3.600	X	4.800	X	2	=	34.560	SQ.M.
TOTAL STAIRCASE AREA (f1)						=	34.560	SQ.M.
TOTAL BUILT-UP AREA (D+g1+b1+a1+c1+d1+f1)						=	789.708	SQ.M.



SECTION A-A

ECS CALCULATION

ECS REQ 1 PER 50 SQ M
TOTAL FAR = 514.176
ECS REQUIRED = 514.176/50 = **10.283 ECS SAY 10**

OPEN AREA CALCULATION (COMMERCIAL-3)
PLOT AREA - (GROUND COVERAGE (A)
413.712 - 184.992 = 228.72 SQ M

PARKING @ 23 SQ M
PARKING PROVIDED = 228.72/ 23 =9.9 ECS SAY 10

TOILET CALCULATION
FAR (1ST FLOOR) - 164.592 SQ.M
DENSITY CALCULATION @ 6 SQ.M PER PERSON = 27.432 SAY 27
REQUIRED MALE POPULATION OUT OF 27 @ 60% = 16.45 SAY 16
REQUIRED FEMALE POPULATION OUT OF 27 @ 40% = 10.9 SAY(11)
STANDARD TOILET REQ. AS PER NBC (MALE/FEMALE) - 1 PER 50 (MIN 2) -W.C 1 PER 50 (MIN 2) - URINALS
PROPOSED MALE = 2 (W.C & URINALS)
PROPOSED FEMALE POPULATION = 2 (W.C)

TOILET CALCULATION
FAR (2ND FLOOR) - 164.592 SQ.M
DENSITY CALCULATION @ 6 SQ.M PER PERSON = 27.432 SAY 27
REQUIRED MALE POPULATION OUT OF 25 @ 60% = 16.45 SAY 16
REQUIRED FEMALE POPULATION OUT OF 25 @ 40% = 10.9 SAY 11
STANDARD TOILET REQ. AS PER NBC (MALE/FEMALE) - 1 PER 50 (MIN 2) -W.C 1 PER 50 (MIN 2) - URINALS
PROPOSED MALE = 2 (W.C & URINALS)
PROPOSED FEMALE POPULATION = 2 (W.C)

PLUMBING LEGEND

1	110 OD uPVC SOIL PIPE
2	110 OD uPVC WASTE PIPE
3	DOMESTIC WATER SUPPLY DN TAKE PIPE
4	FLUSHING WATER SUPPLY DN TAKE PIPE
5	DOMESTIC WATER RISER PIPE
6	FLUSHING WATER RISER PIPE
R	150Ø RAIN WATER PIPE
R1	150Ø RAIN WATER PIPE



DOOR WINDOW SCHEDULE

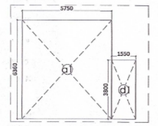
TYPE	WIDTH	HEIGHT	SILL LVL	LINTEL LVL
SD1 Glazed Door - Sliding	2400	2350	± 00	2350/Beam bottom
SD2 Glazed Door - Sliding	2400	2350	± 00	2350/Beam bottom
SD1a Glazed Door - Sliding	1200	2350	± 00	2350/Beam bottom
SD1b Glazed Door - Sliding	2400	2350	± 00	2350/Beam bottom
D2 Flushed	900	2350	± 00	2350
D4 Flushed	1200	2350	± 00	2350
W1 Glazed Window	1200	1150	± 900	2350/Beam bottom
V1 Ventilator	600	600	2700	3300
V2 Ventilator	4650	600/2000	2400	3350



FIRE TANK
- AREA DIAGRAM



MACHINE ROOM
- AREA DIAGRAM

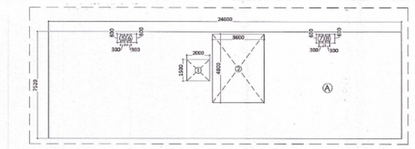


MUMTY FLOOR PLAN
- AREA DIAGRAM

TOILET CALCULATION
FAR (GROUND FLOOR) - 184.992 SQ.M
DENSITY CALCULATION @ 3 SQ.M PER PERSON = 61.664 SAY 62
REQUIRED MALE POPULATION OUT OF 62 @ 60% = 37.2 SAY 37
REQUIRED FEMALE POPULATION OUT OF 62 @ 40% = 24.8 SAY 25
STANDARD TOILET REQ. AS PER NBC (MALE/FEMALE) - 1 PER 50 (MIN 2) -W.C 1 PER 50 (MIN 2) - URINALS
PROPOSED MALE = 2 (W.C & URINALS)
PROPOSED FEMALE = 2 (W.C)



GROUND FLOOR PLAN - AREA DIAGRAM



FIRST & SECOND FLOOR PLAN - AREA DIAGRAM



BASEMENT FLOOR PLAN - AREA DIAGRAM

PROJECT:

PROPOSED BUILDING PLAN OF COMMERCIAL-3 OF AREA MEASURING 0.1022 ACRES UNDER RESIDENTIAL PLOTTED COLONY (UNDER DEEN DAYAL JAN AWAS YOJNA) OVER AN AREA MEASURING 57.40ACRES (LICENSE NO. 32 OF 2021, DATED 03.07.2021 FOR AN AREA MEASURING 52.275 ACRES & LICENSE NO. 102 OF 2022 DATED 27.02.2022 FOR AN AREA MEASURING 5.125 ACRES) IN THE REVENUE ESTATE OF VILLAGE HAYATPUR,

SECTOR-89, GURUGRAM BEING DEVELOPED BY AAWAM RESIDENCY PRIVATE LIMITED & OTHERS IN COLLABORATION WITH ADHIKAANSH PRIVATE LIMITED.

DRAWING TITLE:

FLOOR PLANS WITH AREA CALCULATION, ELEVATIONS AND SECTIONS **COMMERCIAL-3**

N

AUTHORIZED SIGN	ARCHITECT'S SIGN
	Ar. ABHINAV DWIVEDI CA/2017/73617