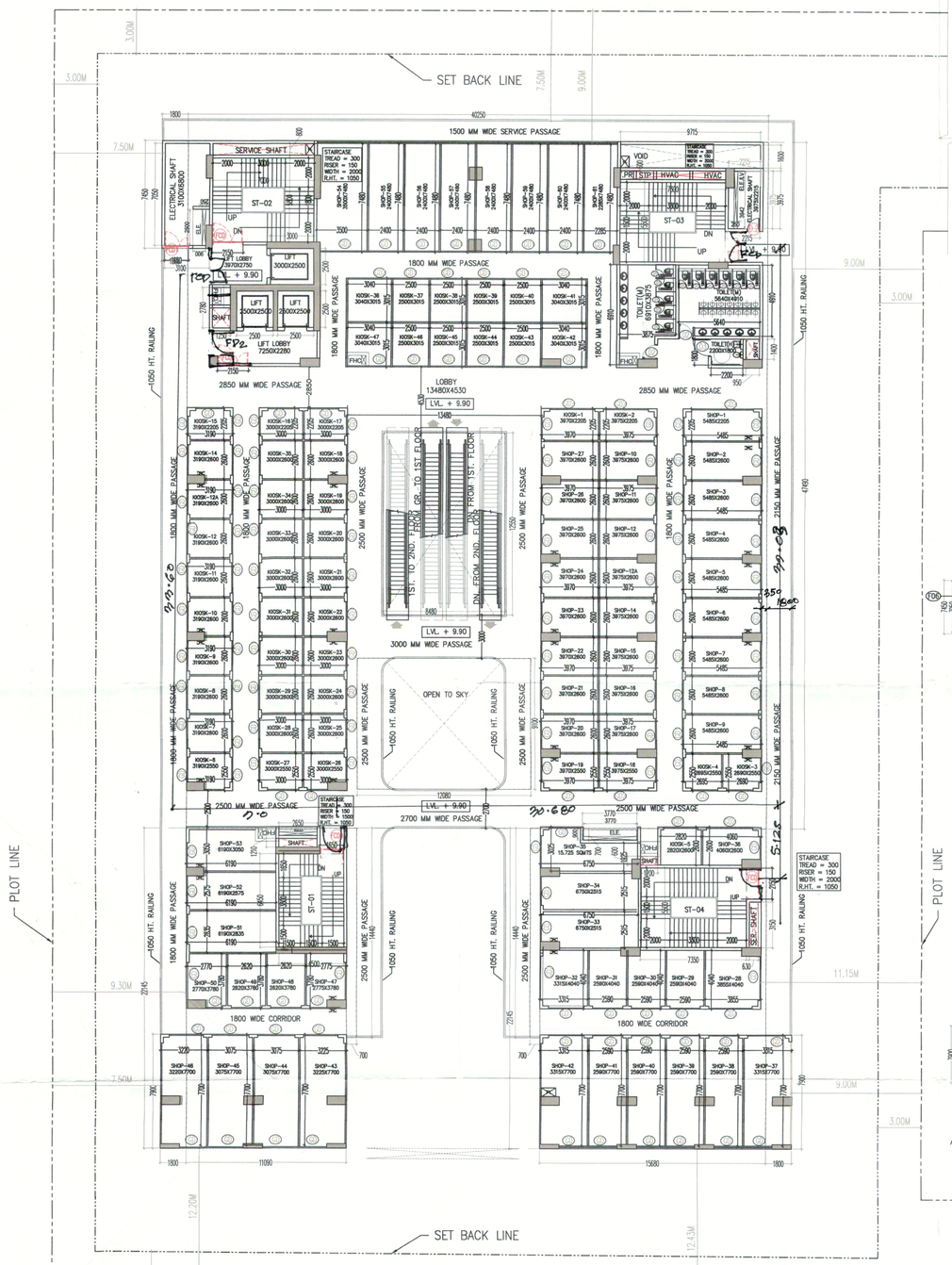
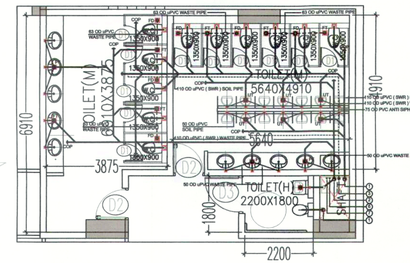
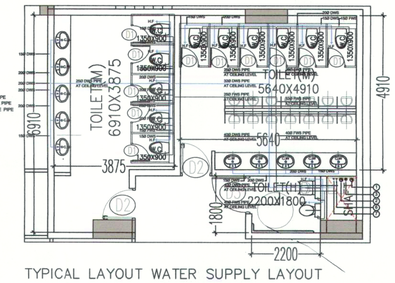


SECOND FLOOR PLAN



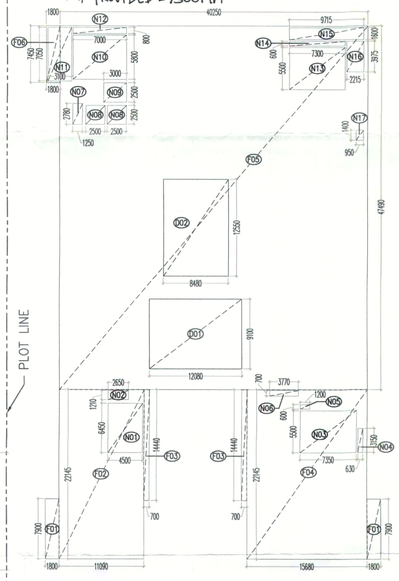
TYPICALTOILET DRAINAGE LAYOUT



TYPICAL LAYOUT WATER SUPPLY LAYOUT

SECOND TOILET CALCULATION								
TOTAL FAR AREA AT SECOND FLOOR							2110.270	SQMT
DENESITY AT SECOND FLOOR						351.712	351.712	POPULATION
NO.	PERMANENT POPULATION		FLOATING POPULATION		TOTAL REQUIRED		TOTAL PROVIDED	
	10%	35.17	90%	316.54				
	MALE (2/3)	FEMALE (1/3)	MALE (2/3)	FEMALE (1/3)	MALE	FEMALE	MALE	FEMALE
POPULATION	23	12	211	106	–	–	–	–
W.C.	0.94	0.78	0.84	0.70	2	1	6	5
URINAL	0.78	–	4.22	–	5	–	12	–
WASH BASIN	0.94	0.47	0.84	0.70	2	1	5	5

EXIT CALCULATION
NO. OF PERSON = 351
EXIT REQUIRED = 351X10=3510MM
EXIT PROVIDED =7500MM



AREA DIAGRAM 2ND FLOOR PLAN

PLUMBING LEGEND :-

1	110 OD uPVC (SWR) SOIL & VENT PIPE
2	110 OD uPVC (SWR) WASTE & VENT PIPE
3	75 OD PVC ANTI SIPHONAGE PIPE
4	110 OD uPVC RAIN WATER PIPE
5	160 OD uPVC RAIN WATER PIPE
6	DOMESTIC WATER SUPPLY DOWN TAKE
7	FLUSHING WATER SUPPLY DOWN TAKE
10	DOMESTIC WATER SUPPLY RISER PIPE
11	FLUSHING WATER SUPPLY RISER PIPE
12	90 OD uPVC RAIN WATER PIPE
D	110 OD uPVC DRAIN PIPE
VG	VERTICAL GRATING
FD	FLOOR DRAIN
FT	FLOOR TRAP (DEEP SEAL 'P' TRAP)
NT	NAHANI TRAP
KH	KHURRA 450x450 MM

SECOND FLOOR AREA CALCULATION						
COVD. AREA AT SECOND FLOOR = ADDITION AREA - DEDUCTION AREA						
ADDITION AREA						
Sr No	Dim (m)	X	Dim (m)	Fec.	Nos	Area (SQM)
F01	1.800	X	7.900	1.00	2	28.440
F02	11.090	X	22.145	1.00	1	245.588
F03	0.700	X	14.440	1.00	2	20.216
F04	15.680	X	22.145	1.00	1	347.234
F05	40.250	X	47.490	1.00	1	1911.473
F06	1.800	X	7.450	1.00	1	13.410
TOTAL ADDITION AREA (A)						2566.360
DEDUCTION AREA						
D01	12.080	X	9.100	1.00	1	109.928
D02	8.480	X	12.550	1.00	1	106.424
TOTAL DEDUCTION AREA (B)						216.352
TOTAL COVERED AREA AT SECOND FLOOR (C) = (A - B)						2350.008
NON FAR AREA						
N01	4.500	X	6.450	1.00	1	29.025
N02	2.650	X	1.210	1.00	1	3.207
N03	7.350	X	5.500	1.00	1	40.425
N04	0.630	X	3.150	1.00	1	1.985
N05	1.200	X	0.600	1.00	1	0.720
N06	3.770	X	0.700	1.00	1	2.639
N07	1.250	X	2.780	1.00	1	3.475
N08	2.500	X	2.500	1.00	2	12.500
N09	3.000	X	2.500	1.00	1	7.500
N10	7.000	X	5.800	1.00	1	40.600
N11	3.100	X	7.050	1.00	1	21.855
N12	7.000	X	0.800	1.00	1	5.600
N13	7.300	X	5.500	1.00	1	40.150
N14	7.300	X	0.600	1.00	1	4.380
N15	9.715	X	1.600	1.00	1	15.544
N16	2.215	X	3.975	1.00	1	8.805
N17	0.950	X	1.400	1.00	1	1.330
TOTAL NON FAR AREA AT SECOND FLOOR (D)						239.739
TOTAL FAR AREA AT SECOND FLOOR (C - D)						2110.270

ARCHITECT(HQ) S.T.P. Member Secretary B.P.C. | S.T.P. (Co-ordination) Member B.P.C. | Chairman B.P.C.

J.D. | P.A. | A.T.P.

Rajesh Dutt
JD(HQ)

N O T E S

THIS DEVELOPMENT HAS BEEN CONCEIVED, DESIGNED AND DRAFTED ON THE BASIS OF THE FOLLOWING

1. ALL USEABLE OFFICE SPACES/RETAIL SPACES (LIKE SHOP AREAS, ENTERTAINMENT AND ATRIUM) WILL BE CENTRALLY AIR–CONDITIONED. THEREFORE,NO PROVISION HAS BEEN MADE FOR NATURAL VENTILATION OF SPACES.

2. ALL TOILETS/KITCHENS WILL BE MECHANICALLY VENTILATED.CONDITIONED AIR FROM THE FLOOR WILL BE SUCKED IN TO THE TOILETS/KITCHENS AND VENTED OUT THROUGH A VENT SHAFT

3. ALL SPACES (OFFICE SPACES,RETAIL SPACES, SERVICE AREAS, PARKING BASEMENT,ETC) WILL BE ARTIFICIALLY LIT. ANY NATURAL LIGHT WHICH IS AVAILABLE IN THE OFFICE SPACES IS ONLY INCIDENTAL AND NOT ESSENTIAL TO THE FUNCTIONING OF THE BUILDING.

4. 100% STANDBY GENERATING CAPACITY WILL BE PROVIDED FOR THE ENTIRE ELECTRICAL REQUIREMENT OF THE TOTAL SCHEME. THIS THEREFORE INCLUDES STANDBY GENERATION FOR ALL COMMON SERVICES, FIRE SERVICES, LIFTS ETC. AND ALSO THE ENTIRE ELECTRICAL LOAD FOR VENTILATION,AIR–CONDITIONING, LIGHTS AND ALL OFFICE EQUIPMENT.

5. BASEMENT WILL BE ARTIFICIALLY VENTILATED.

6. THIS BUILDING WILL BE SPRINKLED AS PER NBC NORMS.

7. HANDICAP RAMP WITH RAILING

8. ALL INTERNAL PARTITION 100 MM TH. DRY WALL

9. ALL EXTERNAL WALL 200 MM TH.

10.BUILDING WILL BE CENTRALLY AIR CONDITIONED, MECHANICAL VENTILATED & FULLY SPRINKLER.

10. BUILDING WILL BE CENTRALLY AIR CONDITION, MECHANICAL VANTILATION & FULLY SPRINKLER.

SCHEDULE OF OPENINGS

TYPE	WIDTH	HEIGHT	SILL HT.	LINTEL
D1	750	2100	–	2100
D2	900	2100	–	2100
D3	1000	2100	–	2100
FCD	2150	2100	–	2100
FCD1	1650	2100	–	2100
GD	UPTO 2000	2100	–	2100
GD1	ABOVE 2000 TILL 3000	2100	–	2100
GD2	ABOVE 3000	2100	–	2100

STERNAL BUILDCON PVT. LTD.
OWNER'S SIGN

GIAN P. MATHUR ARCHITECT B.Arch., M.C.A.T.A. CA/89-50758
ARCHITECT'S SIGN

PROJECT:–

PROPOSED BUILDING PLANS OF COMMERCIAL COLONY AERA MEASURING 2.15 ACRES IN (LICENCE NO. 09 OF 2021) DATED 05.03.2021) IN THE REVENUE ESTATE OF VILLAGE–DHUNELA,TEHSIL–SOHNA SECTOR –36, SOHNA DISTRICT GURUGRAM BEING DEVELOPED BY STERNAL BUILDCON PVT. LTD.

TITLE:– SECOND FLOOR PLAN | DRG.NO.:– S–08

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CHKD	RAJKUMAR		