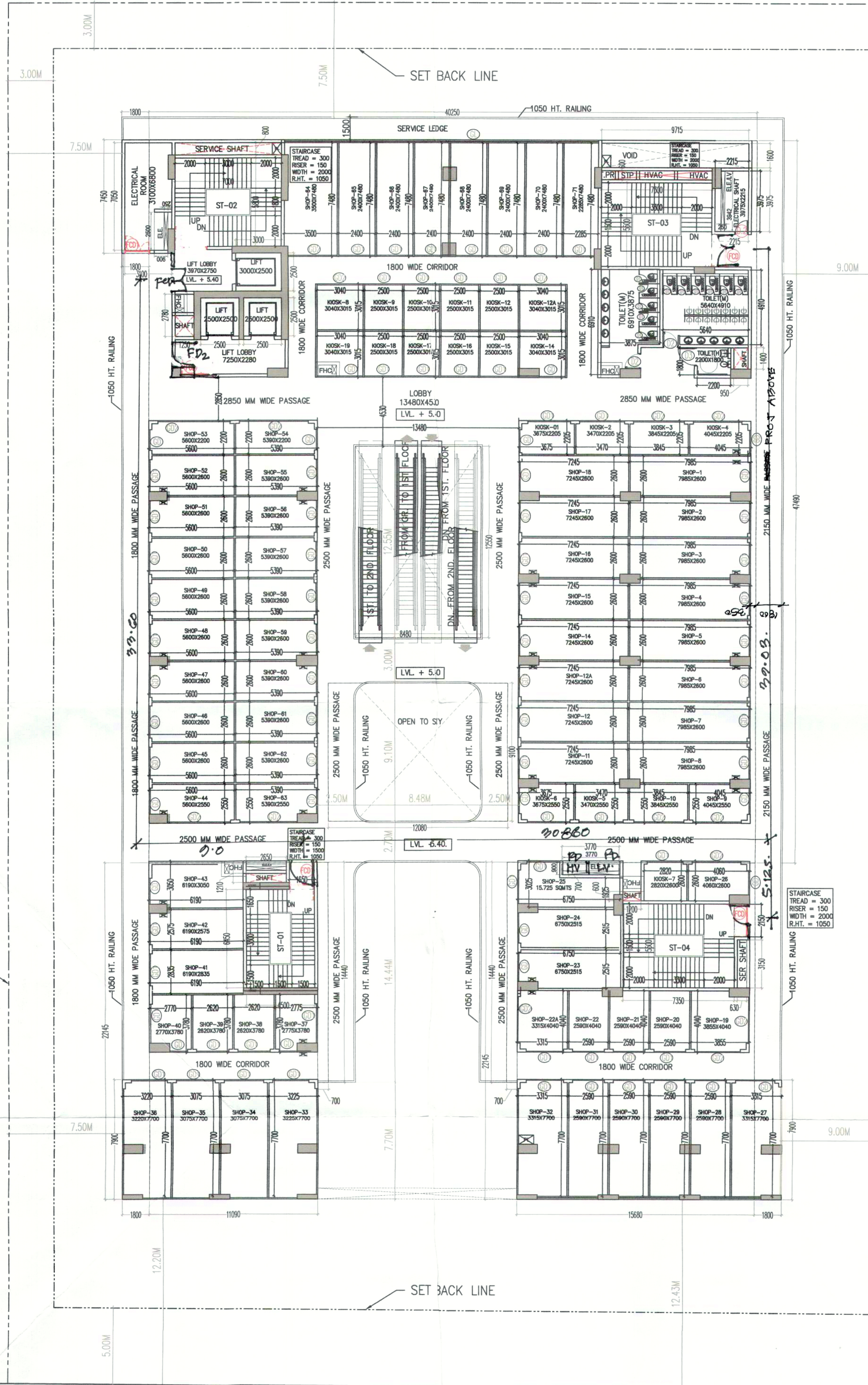
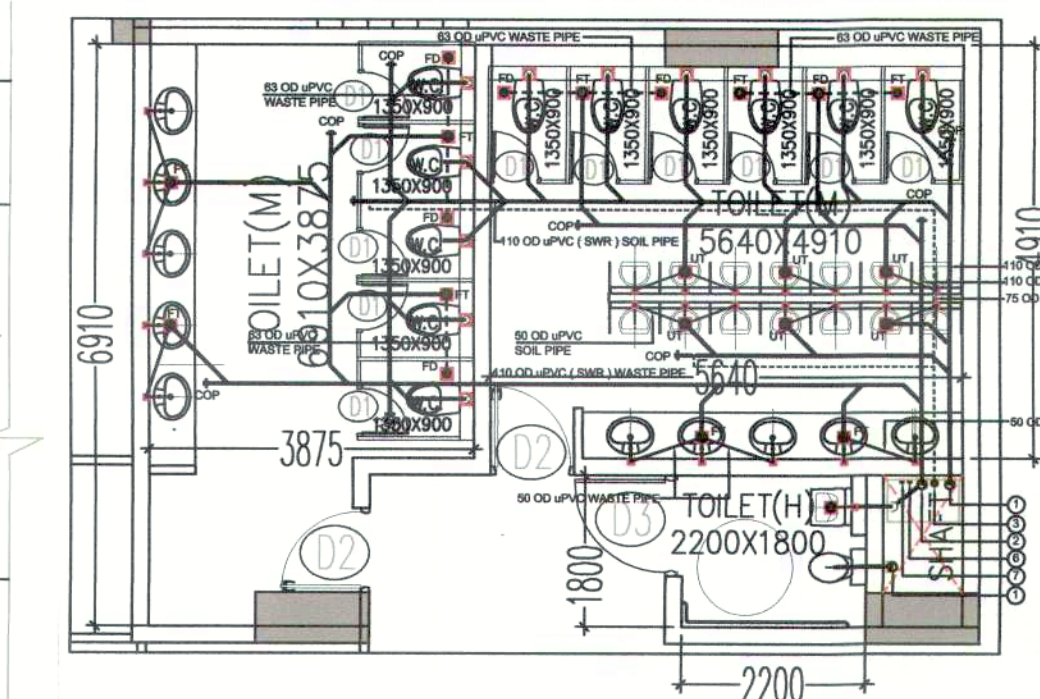
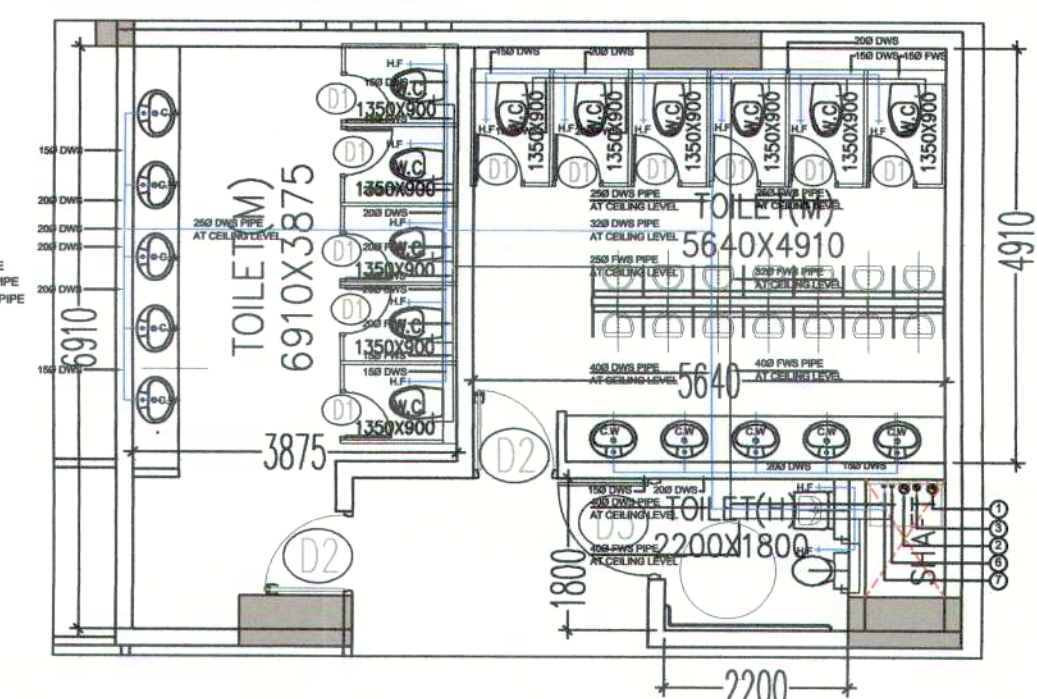




FIRST FLOOR PLAN



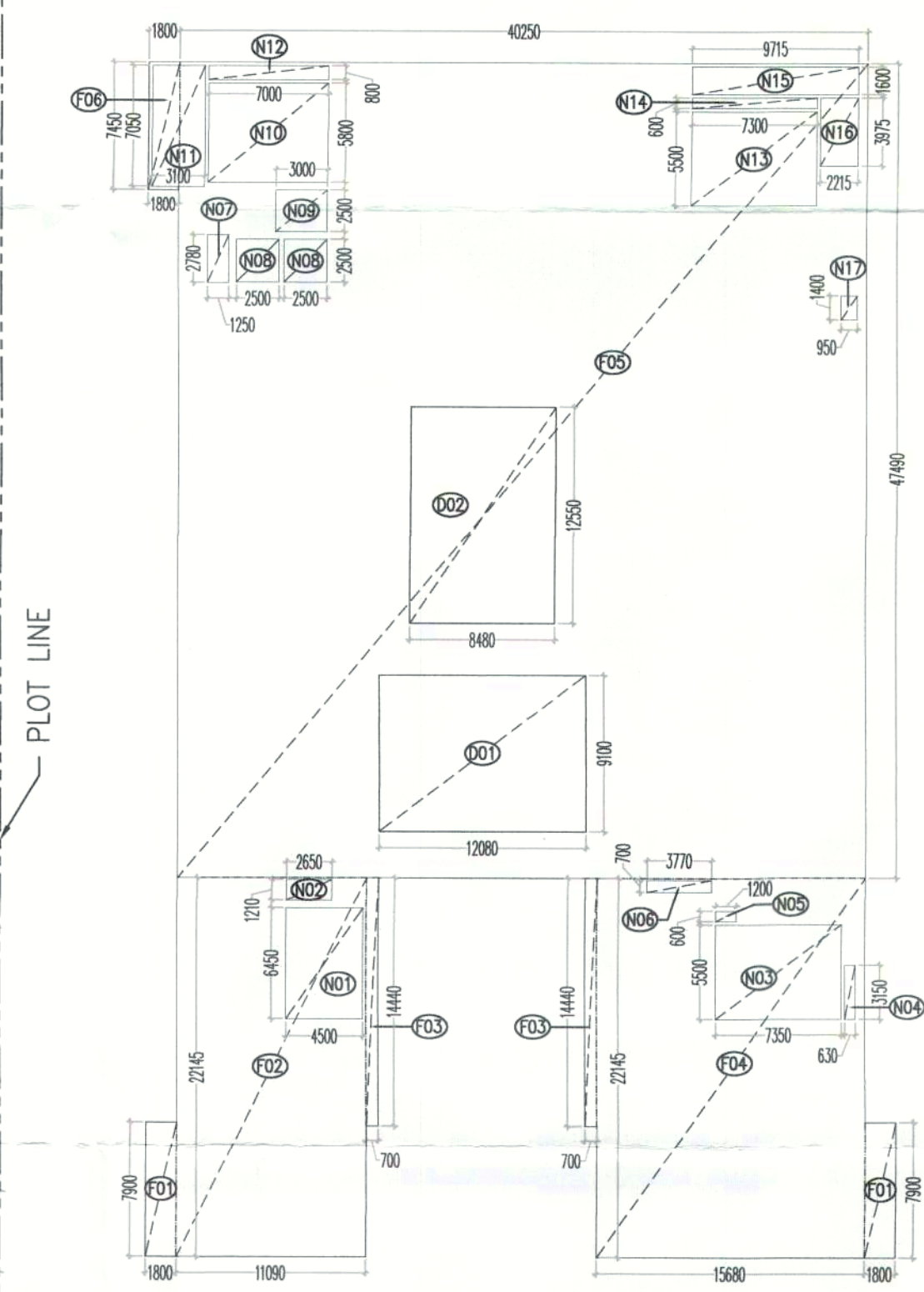
TYPICAL TOILET DRAINAGE LAYOUT



TYPICAL LAYOUT WATER SUPPLY LAYOUT

FIRST TOILET CALCULATION								
TOTAL FAR AREA AT FIRST FLOOR						2110.270		SQMT
DENSITY AT FIRST 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 = 351 x 10 = 3510 MM
 EXIT PROVIDED = 7500 MM



AREA DIAGRAM 1ST 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
 - ⑧ DOMESTIC WATER SUPPLY RISER PIPE
 - ⑨ FLUSHING WATER SUPPLY RISER PIPE
 - ⑩ 90 OD uPVC RAIN WATER PIPE
 - ⑪ 110 OD uPVC DRAIN PIPE
 - VG VERTICAL GRATING
 - FD FLOOR DRAIN
 - FT FLOOR TRAP (DEEP SEAL "P" TRAP)
 - NT NAHANI TRAP
 - KH KHURRA 450x450 MM

FIRST FLOOR AREA CALCULATION

TOTAL COVD. AREA AT FIRST FLOOR = ADDITION AREA - DEDUCTION AREA					
Sr No	Dim (m)	X	Fec.	Nos	Area (SQM)
F01	1.800	X	7.900	1.00	28.440
F02	11.090	X	22.145	1.00	245.588
F03	0.700	X	14.440	1.00	20.216
F04	15.680	X	22.145	1.00	347.234
F05	40.250	X	47.490	1.00	1911.473
F06	1.800	X	7.450	1.00	13.410
TOTAL ADDITION AREA (A)					2566.360
DEDUCTION AREA					
D01	12.080	X	9.100	1.00	109.928
D02	8.480	X	12.550	1.00	106.424
TOTAL DEDUCTION AREA (B)					216.352
TOTAL COVD. AREA AT FIRST FLOOR (C) = (A-B)					2350.008

NON FAR AREA

Nr	Dim (m)	X	Fec.	Nos	Area (SQM)
N01	4.500	X	6.450	1.00	29.025
N02	2.650	X	1.210	1.00	3.207
N03	7.350	X	5.500	1.00	40.425
N04	0.630	X	3.150	1.00	1.985
N05	1.200	X	0.600	1.00	0.720
N06	3.770	X	0.700	1.00	2.639
N07	1.250	X	2.780	1.00	3.475
N08	2.500	X	2.500	1.00	12.500
N09	3.000	X	2.500	1.00	7.500
N10	7.000	X	5.800	1.00	40.600
N11	3.100	X	7.050	1.00	21.855
N12	7.000	X	0.800	1.00	5.600
N13	7.300	X	5.500	1.00	40.150
N14	7.300	X	0.600	1.00	4.380
N15	9.715	X	1.600	1.00	15.544
N16	2.215	X	3.975	1.00	8.805
N17	0.950	X	1.400	1.00	1.330
TOTAL NON FAR AREA AT FIRST FLOOR (D)					239.739
TOTAL FAR AREA AT FIRST FLOOR = (C - D)					2110.270

OWNER'S SIGN:

ARCHITECT'S SIGN:

PROJECT: -

- NOTES**
- THIS DEVELOPMENT HAS BEEN CONCEIVED, DESIGNED AND DRAFTED ON THE BASIS OF THE FOLLOWING
 - 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.
 - 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
 - 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.
 - 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.
 - BASEMENT WILL BE ARTIFICIALLY VENTILATED.
 - THIS BUILDING WILL BE SPRINKLED AS PER NBC NORMS.
 - HANDICAP RAMP WITH RAILING
 - ALL INTERNAL PARTITION 100 MM TH. DRY WALL
 - ALL EXTERNAL WALL 200 MM TH.
 - BUILDING WILL BE CENTRALLY AIR CONDITIONED, MECHANICAL VENTILATED & FULLY SPRINKLER.
 - BUILDING WILL BE CENTRALLY AIR CONDITIONED, MECHANICAL VENTILATION & 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

OWNER'S SIGN:

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: FIRST FLOOR PLAN

DATE: 05/09/2021

SCALE: 1:150

DATE: 05/09/2021