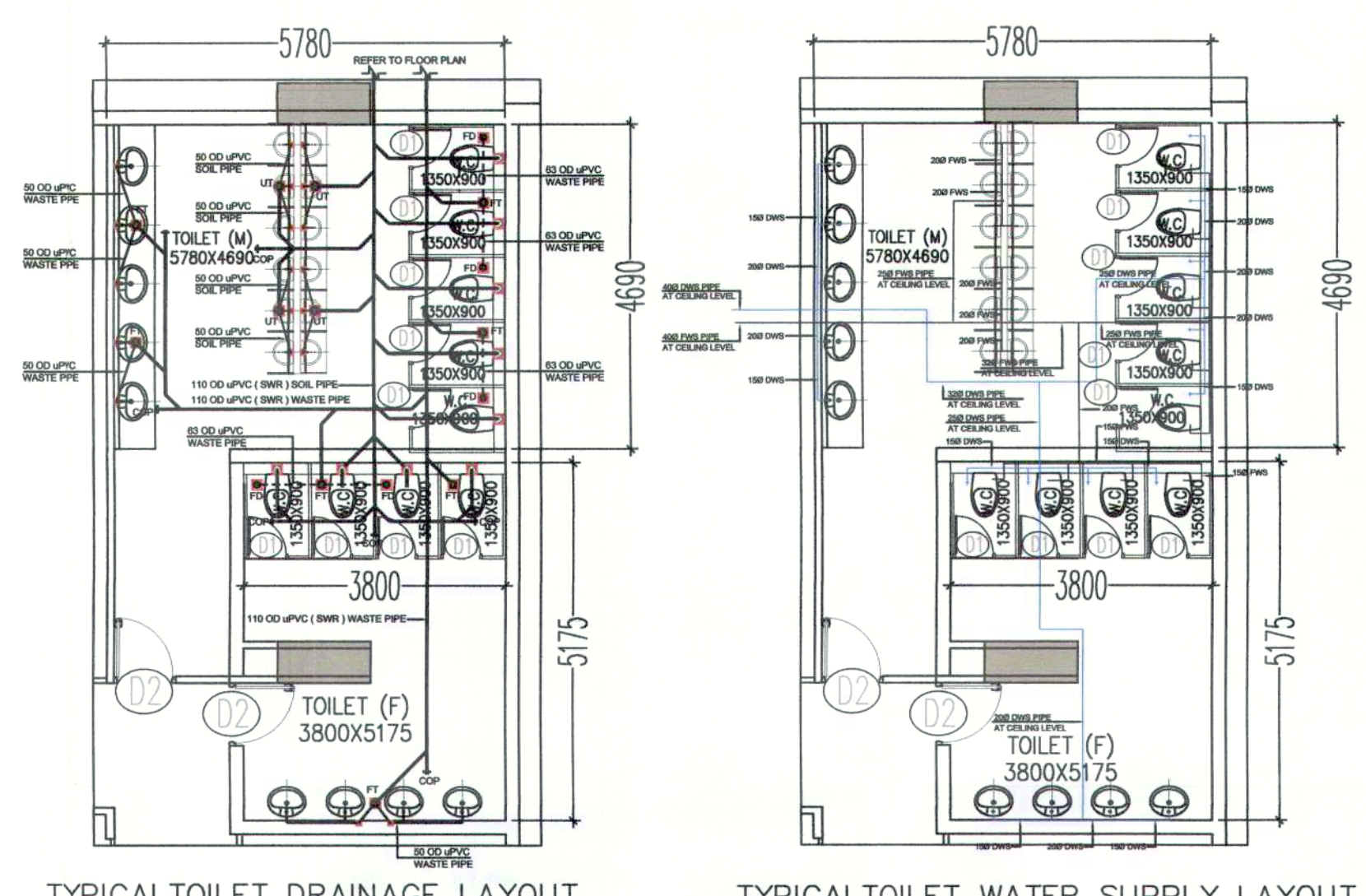
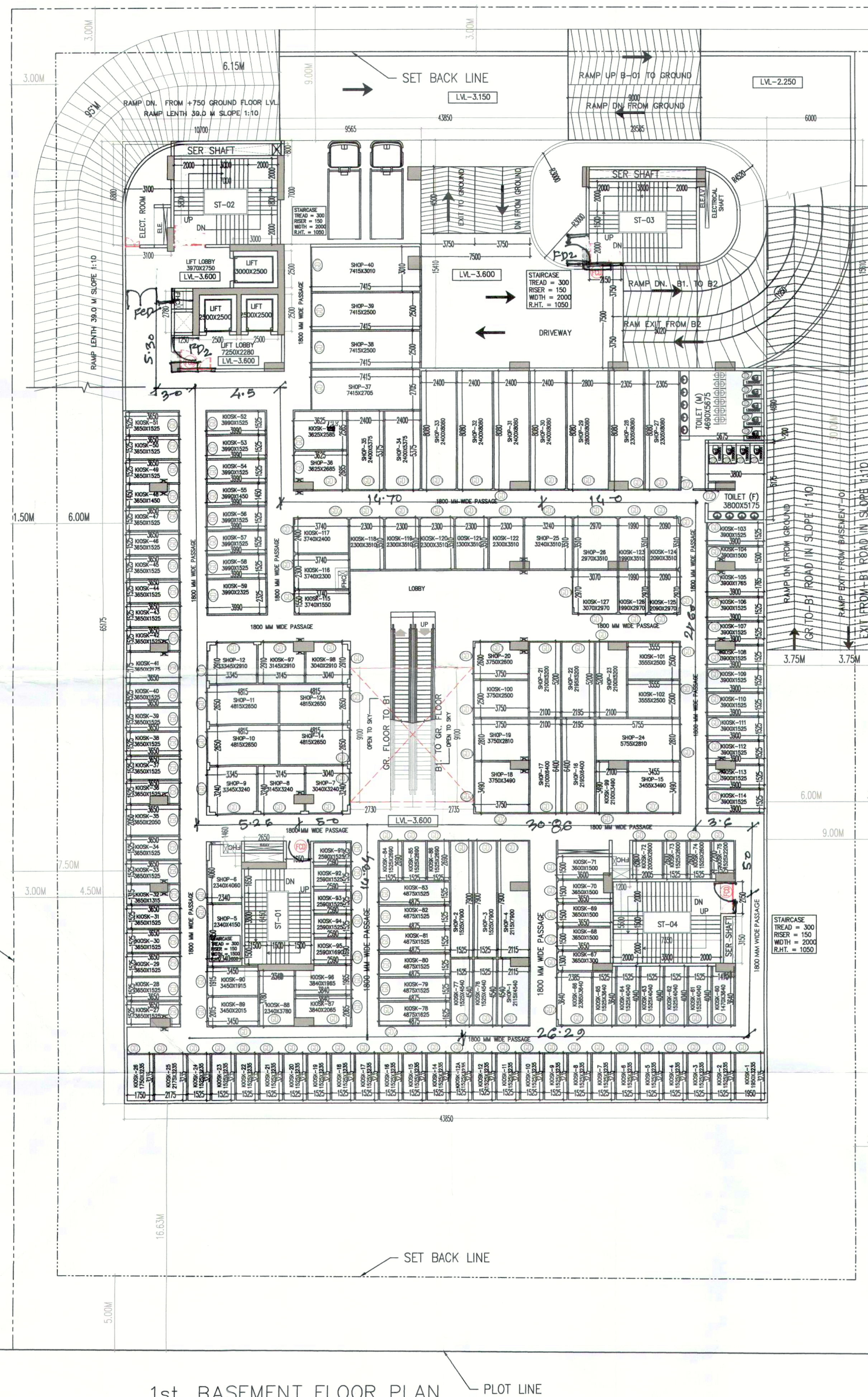
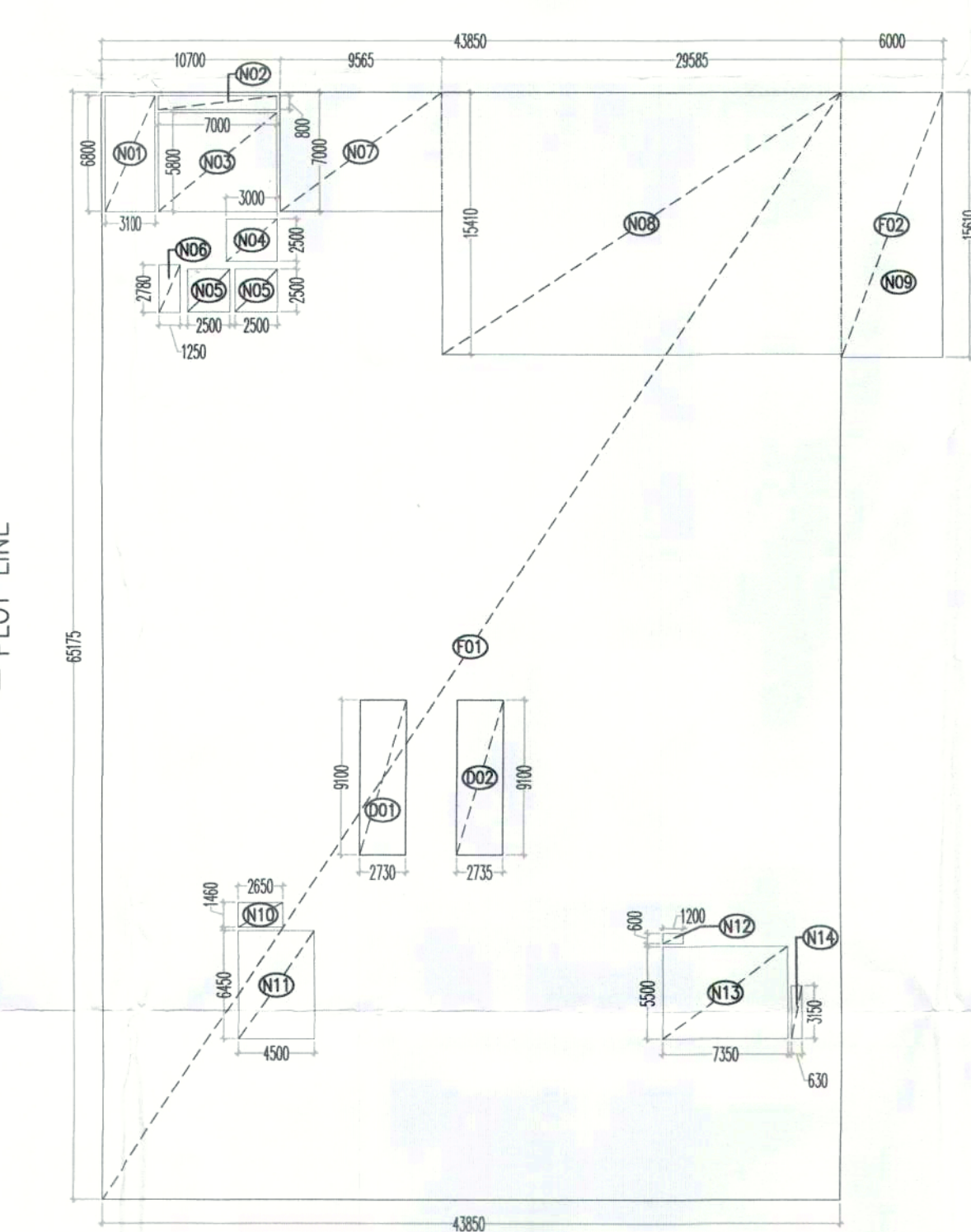




EXIT CALCULATION
 No. of PERSON = 353
 EXIT REQUIRED = 353 X 10 = 3530 MM
 EXIT PROPOSED = 7500 MM

1st BASEMENT TOILET CALCULATION								
TOTAL FAR AREA AT 1st BASEMENT FLOOR						2118.554		SQMT
DENSITY AT 1st BASEMENT FLOOR					353.092		353	POPULATION
NO.	PERMANENT POPULATION		FLOATING POPULATION		TOTAL REQUIRED		TOTAL PROVIDED	
	10%	35.31	90%	317.78				
	MALE (2/3)	FEMALE (1/3)	MALE (2/3)	FEMALE (1/3)	MALE	FEMALE	MALE	FEMALE
POPULATION	24	12	212	108	—	—	—	—
W.C.	0.94	0.78	0.85	0.71	2	1	5	4
URINAL	0.78	—	4.24	—	5	—	12	—
WASH BASIN	0.94	0.47	0.85	0.71	2	1	5	4

- 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



1st. BASEMENT FLOOR AREA CALCULATION

COVD. AREA AT 1st. BASEMENT = ADDITION AREA - DEDUCTION AREA					
Sr No	Dim (m)	X	Dim (m)	Fec.	Area (SQM)
ADDITION AREA					
F01	43.850	X	65.175	1.00	2857.924
F02	6.000	X	15.610	1.00	93.660
TOTAL COVD. AREA AT 1st. BASEMENT (A)					2951.584
DEDUCTION AREA					
D01	2.730	X	9.100	1.00	24.843
D02	2.735	X	9.100	1.00	24.889
TOTAL DEDUCTION AREA (B)					49.732
TOTAL COVD. AREA AT 1st. BASEMENT (C) = (A-B)					2901.852
NON FAR AREA AT 1st. BASEMENT FLOOR					
N01	3.100	X	6.800	1.00	21.080
N02	7.000	X	0.800	1.00	5.600
N03	7.000	X	5.800	1.00	40.600
N04	3.000	X	2.500	1.00	7.500
N05	2.500	X	2.500	1.00	6.250
N06	1.250	X	2.780	1.00	3.475
N07	9.565	X	7.000	1.00	66.955
N08	29.585	X	15.410	1.00	455.905
N09	6.000	X	15.610	1.00	93.660
N10	2.650	X	1.460	1.00	3.869
N11	4.500	X	6.450	1.00	29.025
N12	1.200	X	0.600	1.00	0.720
N13	7.350	X	5.500	1.00	40.425
N14	0.630	X	3.150	1.00	1.985
TOTAL NON FAR AREA AT 1st. BASEMENT (D)					783.298
TOTAL FAR AREA AT 1st. BASEMENT = (C-D)					2118.554

- 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 CONDITION, 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
FCD2	2150	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:- 1st. BASEMENT FLOOR PLAN S-05

DATE: 05/08/2021

SCALE: 1:150

DATE: 05/08/2021