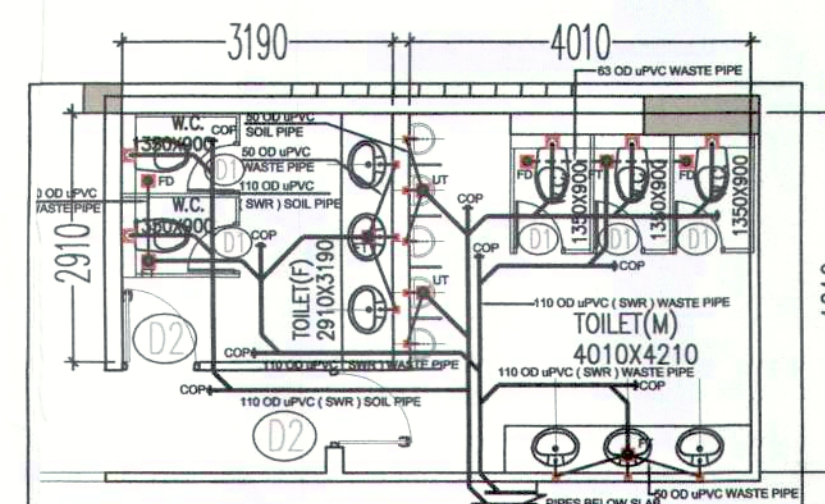
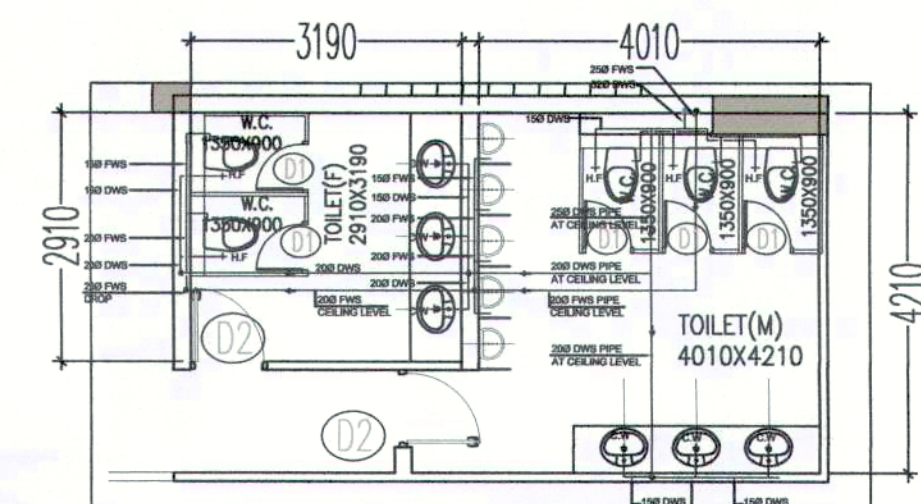




TYPICAL TOILET DRAINAGE LAYOUT



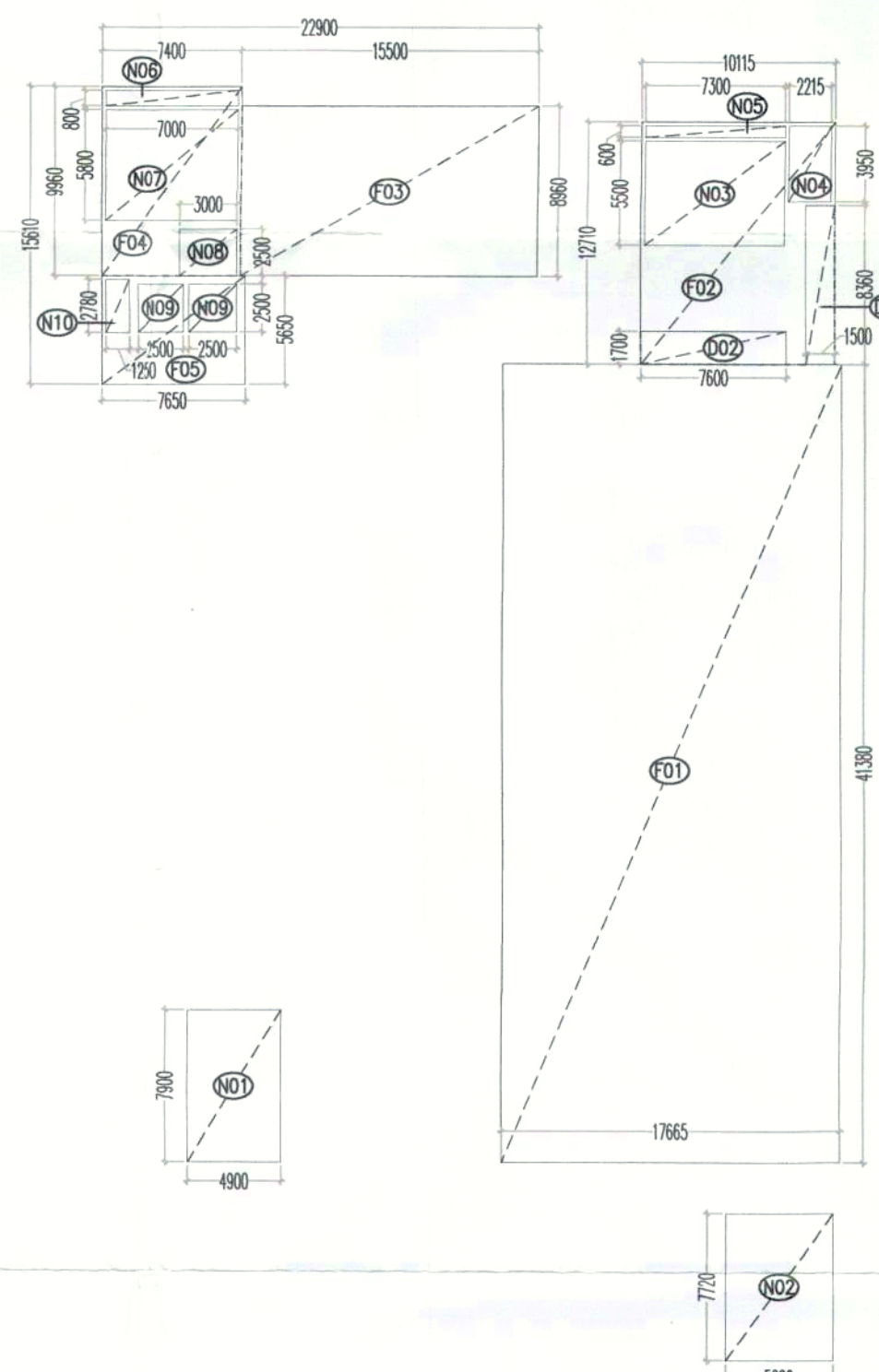
TYPICAL LAYOUT WATER SUPPLY LAYOUT

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

FIFTH TOILET CALCULATION								
TOTAL FAR AREA AT FIFTH FLOOR (AUDI LVL)				966.932		SOMT		
DENSITY AT FIFTH FLOOR				322.311		POPULATION		
No.	PERMANENT POPULATION		FLOATING POPULATION		TOTAL REQUIRED		TOTAL PROVIDED	
	10%	90%	10%	90%	MALE	FEMALE	MALE	FEMALE
POPULATION	21	11	193	97	-	-	-	-
W.C.	0.86	0.72	0.77	0.64	2	1	3	2
URINAL	0.72	-	3.87	-	5	-	5	-
WASH BASIN	0.86	0.43	0.77	0.64	2	1	3	3

EXIT CALCULATION
NO OF PERSONS = 322
EXIT REQUIRED = $322 \times 10 = 3220$ MM
EXIT PROVIDED = 1500 MM



AREA DIAGRAM 5TH FLOOR PLAN

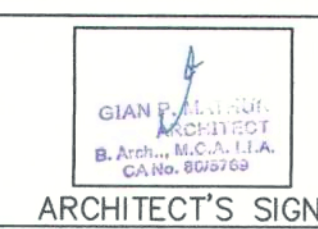
FIFTH FLOOR AREA CALCULATION						
TOTAL COVD. AREA AT FIFTH FLOOR = ADDITION AREA - DEDUCTION AREA						
ADDITION AREA						
Sr No	Dim (m)	X	Dim (m)	Fec.	Nos	Area (SQM)
F01	17.665	X	41.380	1.00	1	730.978
F02	10.115	X	12.710	1.00	1	128.562
F03	15.500	X	8.960	1.00	1	138.880
F04	7.400	X	9.960	1.00	1	73.704
F05	7.650	X	5.650	1.00	1	43.223
TOTAL ADDITION AREA (A)						1115.346
DEDUCTION AREA						
D01	1.500	X	8.360	1.00	1	12.540
D02	7.600	X	1.700	1.00	1	12.920
TOTAL DEDUCTION AREA (B)						25.460
TOTAL COVD. AREA AT FIFTH FLOOR (C) = (A - B)						1089.886
NON FAR AREA						
N01	4.900	X	7.900	1.00	1	38.710
N02	5.600	X	7.720	1.00	1	43.232
N03	7.300	X	5.500	1.00	1	40.150
N04	2.215	X	3.950	1.00	1	8.749
N05	7.300	X	0.600	1.00	1	4.380
N06	7.000	X	0.800	1.00	1	5.600
N07	7.000	X	5.800	1.00	1	40.600
N08	3.000	X	2.500	1.00	1	7.500
N09	2.500	X	2.500	1.00	2	12.500
N10	1.250	X	2.780	1.00	1	3.475
TOTAL NON FAR AREA AT FIFTH FLOOR (D)						204.896
TOTAL FAR AREA AT FIFTH FLOOR = (C - (N03 TO N10))						966.932

NOTES

1. THIS DEVELOPMENT HAS BEEN CONCEIVED, DESIGNED AND DRAFTED ON THE BASIS OF THE FOLLOWING
2. 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.
3. 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
4. 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.
5. 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.
6. BASEMENT WILL BE ARTIFICIALLY VENTILATED.
7. THIS BUILDING WILL BE SPRINKLED AS PER NBC NORMS.
8. HANDICAP RAMP WITH RAILING
9. ALL INTERNAL PARTITION 100 MM TH. DRY WALL
10. ALL EXTERNAL WALL 200 MM TH.
11. BUILDING WILL BE CENTRALLY AIR CONDITIONED, MECHANICAL VENTILATION & FULLY SPRINKLER.
12. 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



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:-	FIFTH FLOOR PLAN	DRG. NO.:-	S-11
DATE	05/06/2021	SCALE	1:150
CHD	RAJNIRAM	DATE	05/06/2021

FIFTH FLOOR PLAN