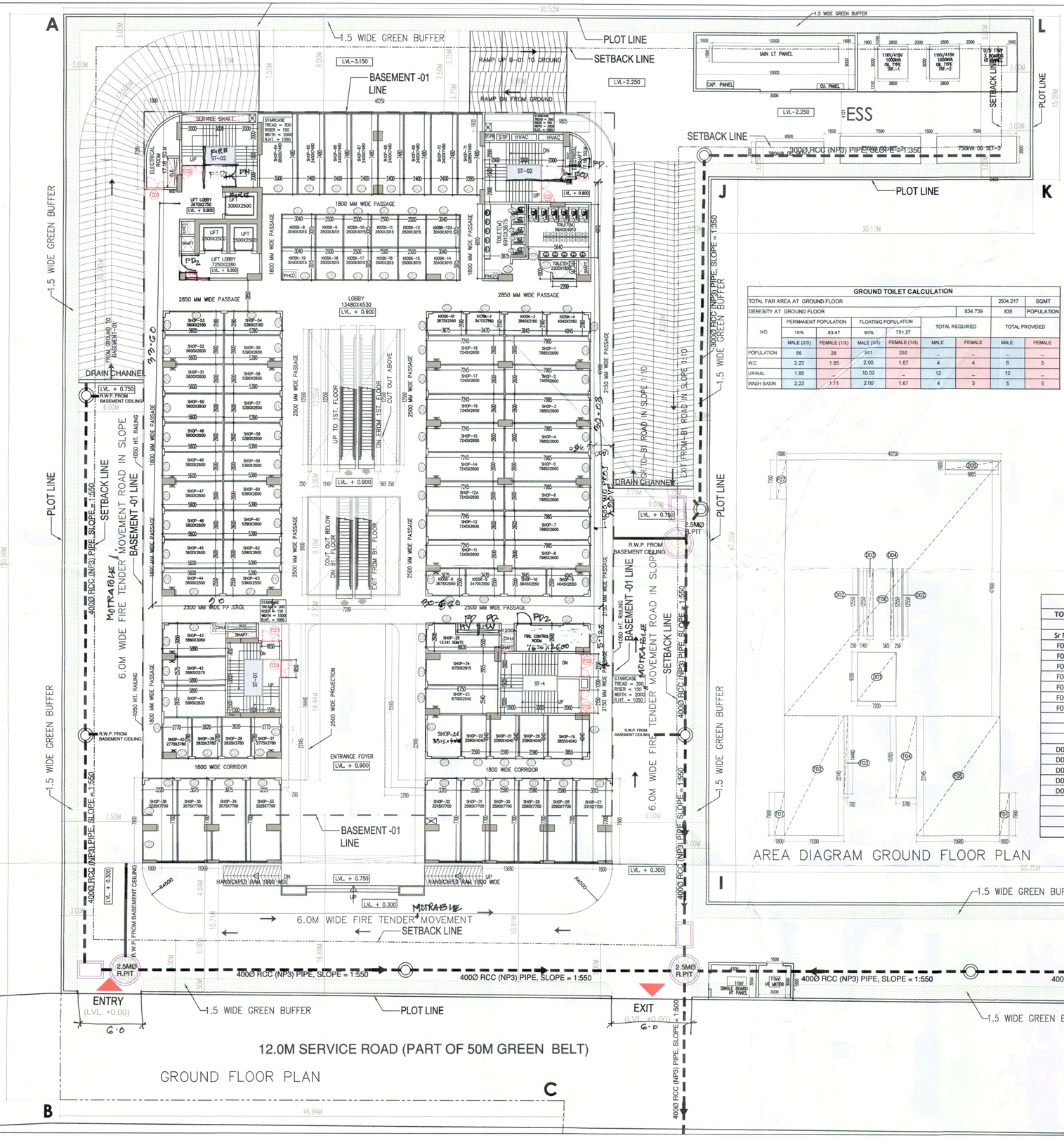

GROUND TOILET CALCULATION

TOTAL FAR AREA AT GROUND FLOOR						2504.217	SQMT
DENESITY AT GROUND FLOOR					834.739	835	POPULATION
NO.	PERMANENT POPULATION		FLOATING POPULATION		TOTAL REQUIRED		TOTAL PROVIDED	
	10%	83.47	90%	751.27				
	MALE (2/3)	FEMALE (1/3)	MALE (2/5)	FEMALE (1/3)	MALE	FEMALE	MALE	FEMALE
POPULATION	56	28	501	250	–	–	–	–
W.C.	2.23	1.85	2.00	1.67	4	4	6	5
URINAL	1.85	–	10.02	–	12	–	12	–
WASH BASIN	2.23	1.11	2.00	1.67	4	3	5	5

GROUND FLOOR AREA CALCULATION

TOTAL COVD. AREA AT GROUND FLOOR = ADDITION AREA - DEDUCTION AREA

ADDITION AREA

Sr No	Dim (m)	X	Dim (m)	Fac.	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	14.400	1.00	1	10.080
F04	3.780	X	15.165	1.00	1	57.324
F05	15.680	X	22.145	1.00	1	347.234
F06	40.250	X	47.490	1.00	1	1911.473
F07	1.800	X	7.200	1.00	1	12.960
TOTAL ADDITION AREA (A)						2613.098

DEDUCTION AREA

D01	7.200	X	9.100	1.00	1	65.520
D02	0.250	X	12.550	1.00	2	6.275
D03	1.140	X	12.550	1.00	1	14.307
D04	0.565	X	12.550	1.00	1	7.091
D05	9.805	X	1.600	1.00	1	15.688
TOTAL DEDUCTION AREA (B)						108.881
TOTAL GROUND COVERAGE (C) = (A-B)						2504.217
TOTAL FAR AREA AT GROUND FLOOR = (C)						2504.217

PLUMBING LEGEND :-

S	110 OD uPVC (SWR) SOIL & VENT PIPE
W	110 OD uPVC (SWR) WASTE & VENT PIPE
S	75 OD PVC ANTI SIPHONAGE PIPE
R	110 OD uPVC RAIN WATER PIPE
R	160 OD uPVC RAIN WATER PIPE
W	DOMESTIC WATER SUPPLY DOWN TAKE
F	FLUSHING WATER SUPPLY DOWN TAKE
W	DOMESTIC WATER SUPPLY RISER PIPE
F	FLUSHING WATER SUPPLY RISER PIPE
R	90 OD uPVC RAIN WATER PIPE
R	110 OD uPVC DRAIN PIPE
VG	VERTICAL GRATING
FD	FLOOR DRAIN
FT	FLOOR TRAP (DEEP SEAL 'P' TRAP)
NT	NAHANI TRAP
KH	KOHLRRA 450x450 MM

NOTES

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

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Rajesh Dutt JD(HQ)

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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:- GROUND FLOOR PLAN | DRG.NO.:- S-06

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DRAWN:- DEEPAK | CHKD:- RAJKUMAR | SCALE:- 1:150 | DATE:- 05/08/2021