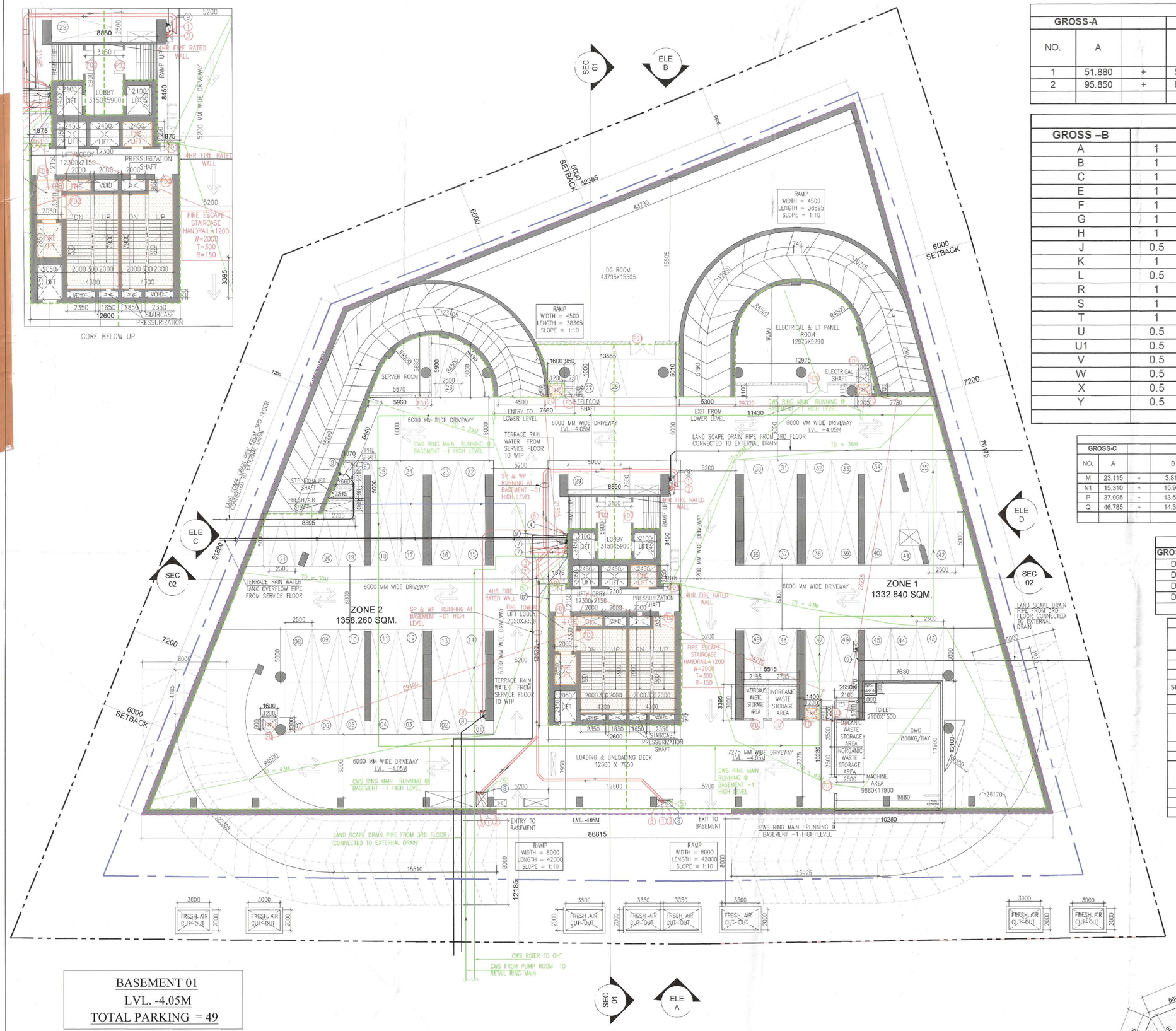



BASEMENT 01
LVL. -4.05M
TOTAL PARKING = 49

| AREA CALCULATION OF BASEMENT-01 | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GROSS-A | | | | | | | | | | | | |
| NO. | A | | B | | C | | | | s | AREA OF = S(S-A)(S-B)(S-C) | Area | |
| 1 | 51.880 | + | 52.385 | + | 95.850 | / | 2 | = | 100.0575 | 966909.795 | 983.316 | SQM |
| 2 | 95.850 | + | 86.815 | + | 70.175 | / | 2 | = | 126.42 | 8608850.450 | 2934.084 | SQM |
| | | | | | | | | | TOTAL | = | 3917.400 | SQM |

| SERVICE AREA CALCULATION OF BASEMENT-01 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| GROSS –B | | | | | | | | | | |
| A | 1 | X | 1.600 | | | X | 1.300 | = | 2.080 | SQM |
| B | 1 | X | 12.600 | | | X | 13.430 | = | 169.218 | SQM |
| C | 1 | X | 8.850 | | | X | 8.450 | = | 74.783 | SQM |
| E | 1 | X | 5.515 | | | X | 3.395 | = | 18.723 | SQM |
| F | 1 | X | 1.400 | | | X | 1.300 | = | 1.820 | SQM |
| G | 1 | X | 10.280 | | | X | 10.230 | = | 105.164 | SQM |
| H | 1 | X | 7.630 | | | X | 1.870 | = | 14.268 | SQM |
| J | 0.5 | X | 7.470 | + | 7.780 | X | 1.115 | = | 8.502 | SQM |
| K | 1 | X | 5.300 | | | X | 1.100 | = | 5.830 | SQM |
| L | 0.5 | X | 24.205 | + | 23.115 | X | 3.910 | = | 92.511 | SQM |
| R | 1 | X | 0.950 | | | X | 1.000 | = | 0.950 | SQM |
| S | 1 | X | 1.600 | | | X | 1.300 | = | 2.080 | SQM |
| T | 1 | X | 15.010 | | | X | 5.200 | = | 78.052 | SQM |
| U | 0.5 | X | 5.925 | | | X | 5.675 | = | 16.812 | SQM |
| U1 | 0.5 | X | 5.600 | | | X | 6.940 | = | 19.432 | SQM |
| V | 0.5 | X | 4.285 | | | X | 5.455 | = | 11.687 | SQM |
| W | 0.5 | X | 16.765 | + | 14.600 | X | 5.455 | = | 85.548 | SQM |
| X | 0.5 | X | 3.075 | + | 1.070 | X | 5.000 | = | 10.363 | SQM |
| Y | 0.5 | X | 5.960 | | | X | 5.900 | = | 17.582 | SQM |
| | | | | | | | TOTAL | = | 735.405 | SQM |

| SERVICE AREA CALCULATION OF BASEMENT-01 | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GROSS-C | | | | | | | | | | | | |
| NO. | A | | B | | C | | | | s | AREA OF = S(S-A)(S-B)(S-C) | Area | |
| M | 23.115 | + | 3.810 | + | 22.390 | / | 2 | = | 24.6575 | 1797.941 | 42.402 | SQM |
| N1 | 15.310 | + | 15.990 | + | 20.085 | / | 2 | = | 25.6925 | 14513.135 | 120.470 | SQM |
| P | 37.995 | + | 13.555 | + | 28.410 | / | 2 | = | 39.98 | 24263.400 | 155.767 | SQM |
| Q | 46.785 | + | 14.335 | + | 37.995 | / | 2 | = | 49.5575 | 55966.800 | 236.552 | SQM |
| | | | | | | | | | TOTAL | = | 555.192 | SQM |

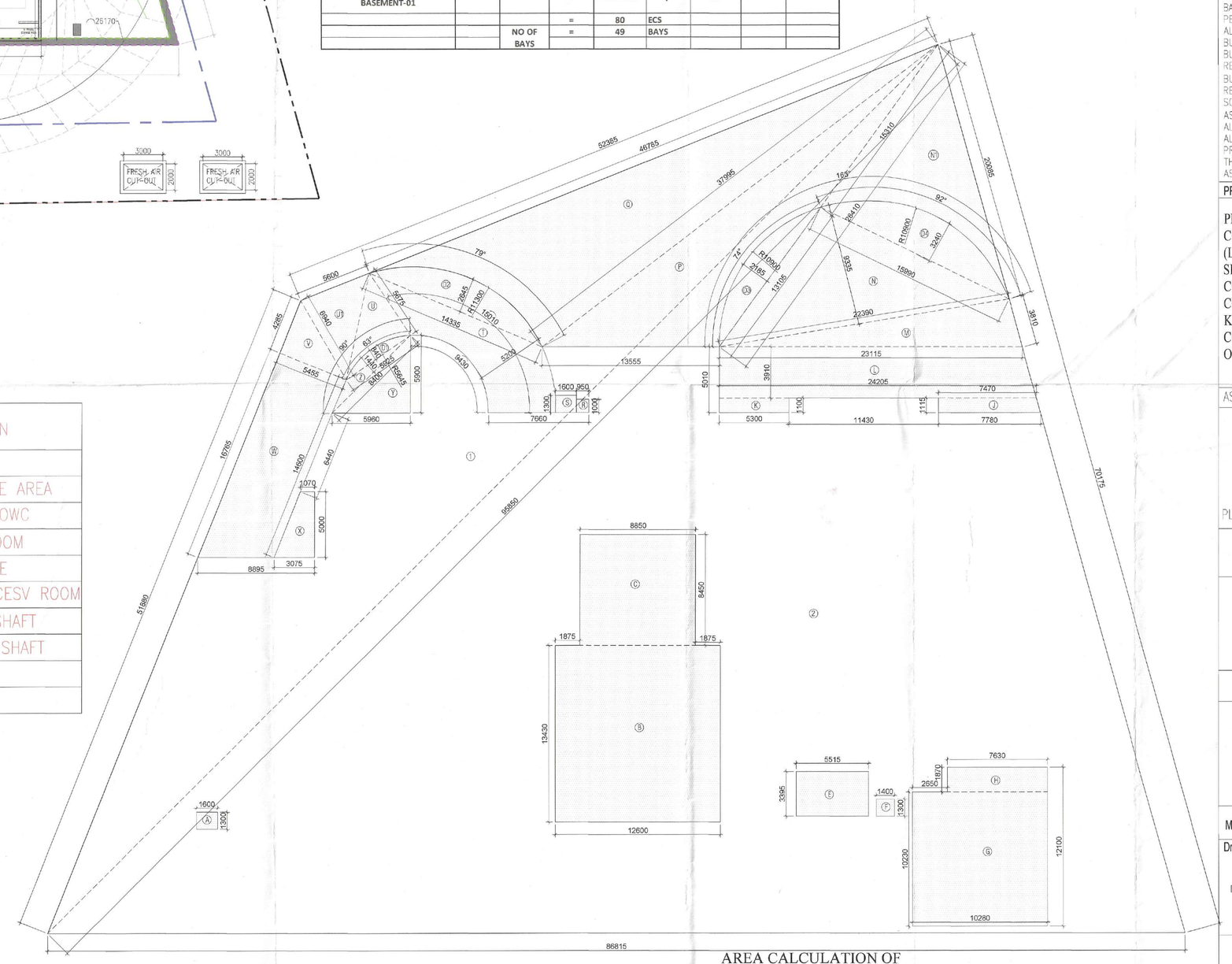
| SERVICE AREA CALCULATION OF BASEMENT-01 | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GROSS – D | | | | | | | | | | | | | | | | | | | | | | | | |
| N | 3.14 | X | 10.900 | X | 10.900 | X | 163 | / | 360 | - | 0.5 | X | 10.900 | - | 9.335 | X | 22.390 | = | 151.902 | SQM | | | | |
| Z | 3.14 | X | 5.645 | X | 5.645 | X | 90 | / | 360 | - | 0.5 | X | 5.645 | - | 1.440 | X | 8.400 | = | 7.354 | SQM | | | | |
| | | | | | | | | | | | | | | | | | TOTAL | = | 159.256 | SQM | | | | |

| SERVICE (DEDUCTION) AREA CALCULATION OF BASEMENT-01 | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GROSS – E | | | | | | | | | | | | | | | | | | | | | | | | |
| D1 | 3.14 | X | 5.645 | X | 5.645 | X | 63 | / | 360 | - | 0.5 | X | 5.645 | - | 0.840 | X | 5.925 | = | 3.276 | SQM | | | | |
| D2 | 3.14 | X | 11.300 | X | 11.300 | X | 79 | / | 360 | - | 0.5 | X | 11.300 | - | 2.645 | X | 14.335 | = | 25.951 | SQM | | | | |
| D3 | 3.14 | X | 10.900 | X | 10.900 | X | 74 | / | 360 | - | 0.5 | X | 10.900 | - | 2.185 | X | 13.105 | = | 19.580 | SQM | | | | |
| D4 | 3.14 | X | 10.900 | X | 10.900 | X | 92 | / | 360 | - | 0.5 | X | 10.900 | - | 3.240 | X | 15.990 | = | 34.605 | SQM | | | | |
| | | | | | | | | | | | | | | | | | TOTAL | = | 83.411 | SQM | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| NET AREA OF BASEMENT -01 | = | GROSS – A | | | | | |
| | = | 3917.400 | | | | | |
| | = | GROSS –1 | = | 3917.400 | SQM | | |
| SERVICE AREA OF BASEMENT-01 | = | GROSS – B | + | GROSS – C | + | GROSS – D | - GROSS – E |
| | = | 735.405 | + | 555.192 | + | 159.256 | - 83.411 |
| | = | GROSS –2 | = | 1366.442 | SQM | | |
| NET PARKING AREA OF BASEMENT-1 | | GROSS-1 | - | GROSS –2 | | | |
| | = | 3917.400 | - | 1366.442 | | | |
| | | TOTAL | = | 2550.958 | | SQM | |
| NO. OF ECS ACHIEVABLE OF BASEMENT-01 | | | = | 2550.958 | / | 32 | |
| | | | = | 80 | ECS | | |
| | | NO OF BAYS | = | 49 | BAYS | | |

| LEGEND:- PLUMBING | | |
|---|---|---|
| 1 | 110Ø WASTE PIPE | |
| 1' | 160Ø WASTE PIPE | |
| 2 | 110Ø SOIL PIPE | |
| 2' | 160Ø SOIL PIPE | |
| 3 | 63Ø VENT PIPE | |
| 4 | 160Ø RAIN WATER PIPE FROM TERRACE | |
| 4' | 100Ø TERRACE RAIN WATER TANK TO U.G SUMP | |
| 5 | DOMESTIC WATER PIPE | |
| 6 | FLUSHING WATER PIPE | |
| 7 | 110Ø BALCONY RAIN WATER PIPE | |
| 8 | 100Ø KITCHEN WASTE PIPE | |
| 9 | 160Ø LANDSCAPE DRAIN PIPE/ TERRACE | |
| 9' | 160Ø TERRACE RAIN WATER TANK OVERFLOW PIPE | |

| LEGEND S.NO. | DOOR TAG | DOOR WIDTH (mm) | LOCATION |
|---|---|---|---|
| 1 | FD | 930 | FHC |
| 2 | FD' | 1050 | WASTE STORAGE AREA |
| 3 | FD1 | 1500 | LIFT LOBBY,OWC |
| 4 | FD1' | 1200 | SERVER ROOM |
| 5 | FD2 | 2000 | STAIRCASE |
| 6 | FD3 | 760 | TOILET,MAINTENACESV ROOM |
| 7 | FD4 | 600 | TELECOM SHAFT |
| 8 | FD5 | 750 | ELECTRICAL SHAFT |
| 9 | SLD | 3630 | LOBBY |
| 10 | SLD1 | 3000 | LOBBY |



AREA CALCULATION OF BASEMENT-01

S.T.P.(NO) Member Secretary B.P.A.C. | S.T.P.(G) Member B.P.A.C. | C.T.P.(HR) Chairman B.P.A.C.
DTP(HQ) | ATP(HQ) | AD | PA | ATP
Rajesh Dutt SD(HQ) | JDT (T) MEMBER BPAC

SANCTIONED
TO BE READ WITH THIS OFFICE MEMO NO.: 37946
DATED: 30/09/2025

NOTES:-
ALL BUILDING MECHANICAL VENTILATED & 100% POWER BACKUP.
AIR CONDITIONING SYSTEM IS BEING PROVIDED.
DG POWER BACKUP IS BEING PROVIDED.
TOILET ARE MECHANICAL VENTILATED.
ALL LIFTS SHALL HAVE POWER BACK-UP.
ALL ELECTRICAL INSTALLATION SHELL BE AS PER PROVISION OF RELEVANT CODE.
FIRE/FIGHTING/SAFETY PROVISIONS WILL BE AS PER RELEVANT CODE PROVISIONS.
BASEMENT AREA SHALL HAVE MECHANICALLY VENTILATED AS PER RELEVANT CODE.
ALL TOILETS ARE VENTILATED AS PER HARYANA BUILDING CODE 2017.
BUILDINGS HAS AUTOMATIC SPRINKLER SYSTEM WHEREVER REQUIRED BY RELEVANT CODE.
BUILDING WILL BE DESIGNED(STRUCTURES )AS PER RELEVANT I.S.CODES FOR EARTHQUAKE RESISTANCE.
SOLAR PANELS OF REQUIRED CAPACITY SHALL BE PROVIDED AS PER HARE DA/ZONING NORMS.
ALL HANDICAP RAMPS WITH RAILING.
ALL FIRE FIGHTING INSTALLATIONS SHALL BE AS PER PROVISION OF RELEVANT CODE.
THE RAINWATER HARVESTING SYSTEM SHALL BE PROVIDED AS PER CENTRAL GROUND WATER AUTHORITY NORMS.

PROJECT:

PROPOSED BUILDING PLAN OF COMMERCIAL COLONY AN AREA MEASURING 2.03 ACRES (LICENCE NO.162.OF 2022 DATED 6/10/2022) IN SECTOR-106,GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY SOBHA COMMERCIAL PRIVATE LTD (FORMARLY KNOWN AS BNB BUILDERS PVT. LTD. ) IN COLLABORATION WITH SH. AMIT YADAV & OTHERS

ASSOCIATE ARCHITECTS :
Checked and found ok for Public Health (Internal) Service only subject to comments in forwarding letter No. 267137 Dt. 24/10/25
Executing Engineer (HQ) Sewerage Sub-Division-I Panchkula
GG ASSOCIATES
PLOT NO-408 SEC-37C GURGAON(PH-9560794794)

OWNER'S SEAL & SIGNATURE
SOBHA COMMERCIAL Formerly Known as BNB Builders Pvt. Ltd.

ARCHITECT'S SEAL & SIGNATURE
Ar. AJAY KUMAR BAWA
COA REGD. NO. CA/2000/20
SOBHA LIMITED
5th Floor Rider House, Plot No. 1
Sector-44, Gurugram-122 002, Hr
Phone :- 0124-4853285

| MARCH.-2025 | Scale : 1:.200 | |
|---|---|---|
| Drawing Title:- BASEMENT –01 PLAN & AREA CALCULATION | | Drawing No:- BS-01 |