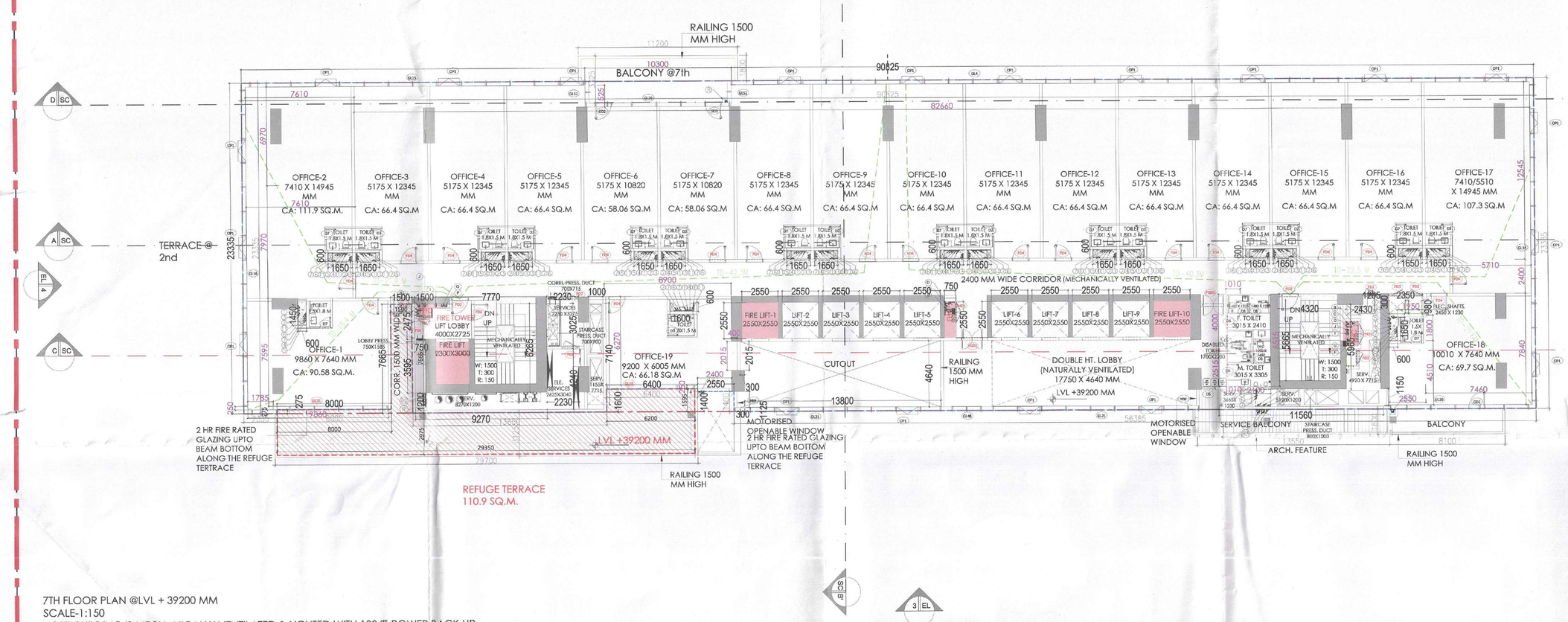
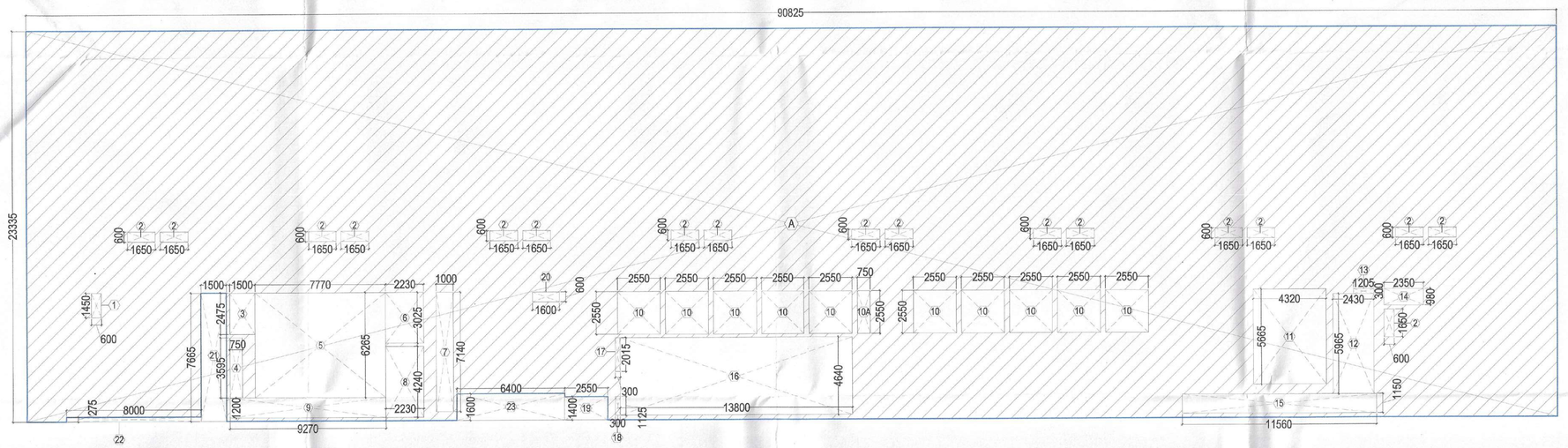
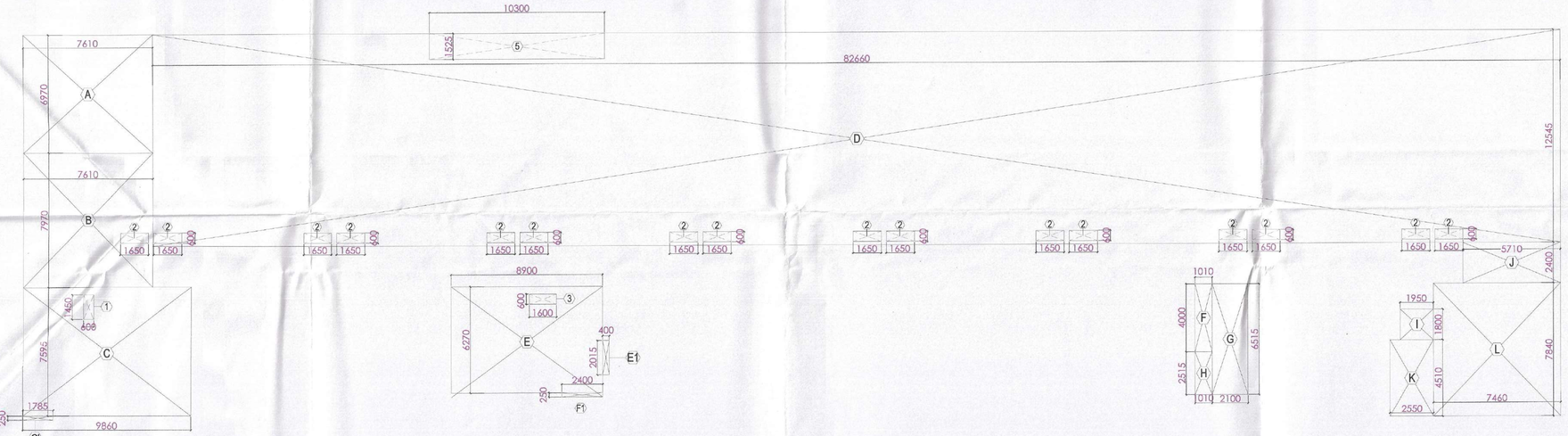


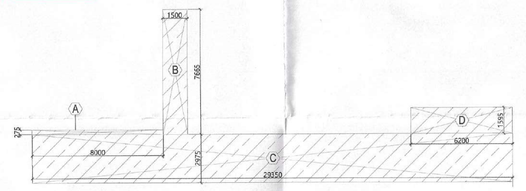

7TH FLOOR PLAN @LVL + 39200 MM
SCALE-1:150
NOTE: BUILDING IS MECHANICALLY VENTILATED & LIGHTED WITH 100 % POWER BACK-UP.



F.A.R DIAGRAM
SCALE-1:150



CARPET AREA DIAGRAM
SCALE-1:150



REFUGE AREA DIAGRAM
SCALE-1:175

| 7TH FLOOR (CARPET AREA) | | | | | |
|---|---|---|---|---|---|
| S.NO. | WIDTH(M) | LENGTH(M) | COEFF. | NOS. | AREA (SqM) |
| ADDITIONS | | | | | |
| A | 7.610 | 6.970 | 1 | 1 | 53.042 |
| B | 7.610 | 7.970 | 1 | 1 | 60.652 |
| C | 9.860 | 7.595 | 1 | 1 | 74.887 |
| C' | 1.785 | 0.250 | 1 | 1 | 0.446 |
| D | 82.660 | 12.545 | 1 | 1 | 1036.970 |
| E | 8.900 | 6.270 | 1 | 1 | 55.803 |
| E' | 0.400 | 2.015 | 1 | 1 | 0.806 |
| F | 1.010 | 4.000 | 1 | 1 | 4.040 |
| F' | 2.400 | 0.250 | 1 | 1 | 0.600 |
| G | 2.100 | 6.515 | 1 | 1 | 13.682 |
| H | 1.010 | 2.515 | 1 | 1 | 2.540 |
| I | 1.950 | 1.800 | 1 | 1 | 3.510 |
| J | 5.710 | 2.400 | 1 | 1 | 13.704 |
| K | 2.550 | 4.510 | 1 | 1 | 11.501 |
| L | 7.460 | 7.840 | 1 | 1 | 58.486 |
| GROSS AREA (TOTAL ADDITIONS) | | | | | 1390.668 |
| SUBTRACTIONS | | | | | |
| 1 | 0.600 | 1.450 | 1 | 1 | 0.870 |
| 2 | 1.650 | 0.600 | 1 | 16 | 15.840 |
| 3 | 1.600 | 0.600 | 1 | 1 | 0.960 |
| 4 | 2.600 | 1.325 | 1 | 1 | 3.445 |
| 5 | 10.300 | 1.525 | 1 | 1 | 15.708 |
| GROSS AREA (TOTAL SUBTRACTIONS) | | | | | 36.823 |
| (CARPET AREA) | | | | | 1353.845 |

| Refuge Terrace Calculation_7TH | |
|---|---|
| F.A.R Area -7th Floor | 1796.843 sq.m |
| F.A.R Area -8th Floor | 1805.493 sq.m |
| Total Area | 3602.336 sq.m |
| Occupants Load Factor (Commercial) | 10.000 sq.m/person |
| No. of Persons ( Gross Area of floors/ Occupant Load) | 360.234 |
| Required Refuge area per floor (No. of persons X 0.3 +0.9 (for every 200 person)) | 109.870 |
| Proposed Refuge Area | 110.903 |

| 7TH FLOOR (F.A.R.) | | | | | |
|---|---|---|---|---|---|
| S.NO. | WIDTH(M) | LENGTH(M) | COEFF. | NOS. | AREA (SqM) |
| ADDITIONS | | | | | |
| A | 90.825 | 23.335 | 1 | 1 | 2119.401 |
| GROSS AREA (TOTAL ADDITIONS) | | | | | 2119.401 |
| SUBTRACTIONS | | | | | |
| 1 | 0.600 | 1.450 | 1 | 1 | 0.870 |
| 2 | 1.650 | 0.600 | 1 | 17 | 16.830 |
| 3 | 1.500 | 2.475 | 1 | 1 | 3.713 |
| 4 | 0.750 | 3.595 | 1 | 1 | 2.696 |
| 5 | 7.770 | 6.265 | 1 | 1 | 48.679 |
| 6 | 2.230 | 3.025 | 1 | 1 | 6.746 |
| 7 | 1.000 | 7.140 | 1 | 1 | 7.140 |
| 8 | 2.230 | 4.240 | 1 | 1 | 9.455 |
| 9 | 9.270 | 1.200 | 1 | 1 | 11.124 |
| 10 | 2.550 | 2.550 | 1 | 10 | 65.025 |
| 10A | 0.750 | 2.550 | 1 | 1 | 1.913 |
| 11 | 4.320 | 5.665 | 1 | 1 | 24.473 |
| 12 | 2.430 | 5.965 | 1 | 1 | 14.495 |
| 13 | 1.205 | 0.300 | 1 | 1 | 0.362 |
| 14 | 2.350 | 0.980 | 1 | 1 | 2.303 |
| 15 | 11.540 | 1.150 | 1 | 1 | 13.294 |
| 16 | 13.800 | 4.640 | 1 | 1 | 64.032 |
| 17 | 0.300 | 2.015 | 1 | 1 | 0.605 |
| 18 | 0.300 | 1.125 | 1 | 1 | 0.338 |
| 19 | 2.550 | 1.400 | 1 | 1 | 3.570 |
| 20 | 1.600 | 0.600 | 1 | 1 | 0.960 |
| 21 | 1.500 | 7.665 | 1 | 1 | 11.498 |
| 22 | 8.000 | 0.275 | 1 | 1 | 2.200 |
| 23 | 6.400 | 1.600 | 1 | 1 | 10.240 |
| GROSS AREA (TOTAL SUBTRACTIONS) | | | | | 322.558 |
| GROSS 1 (NET F.A.R ) | | | | | 1796.843 |

| FIRE TOWER & ST. AREA CALCULATION- 7TH FLOOR | | | | | |
|---|---|---|---|---|---|
| S.NO. | WIDTH(M) | LENGTH(M) | COEFF. | NOS. | AREA (SqM) |
| FIRE TOWER | | | | | |
| 3 | 1.500 | 2.475 | 1 | 1 | 3.713 |
| 5 | 7.770 | 6.265 | 1 | 1 | 48.679 |
| STAIRCASE | | | | | |
| 11 | 4.320 | 5.665 | 1 | 1 | 24.473 |
| GROSS 2 (FIRE TOWER+STAIRCASE) | | | | | 76.864 |

| SERVICE AREA CALCULATION- 7TH FLOOR | | | | | |
|---|---|---|---|---|---|
| S.NO. | WIDTH(M) | LENGTH(M) | COEFF. | NOS. | AREA (SqM) |
| 6 | 2.230 | 3.025 | 1 | 1 | 6.746 |
| 8 | 2.230 | 4.240 | 1 | 1 | 9.455 |
| 12 | 2.430 | 5.965 | 1 | 1 | 14.495 |
| GROSS 3 (SERVICES) | | | | | 30.696 |

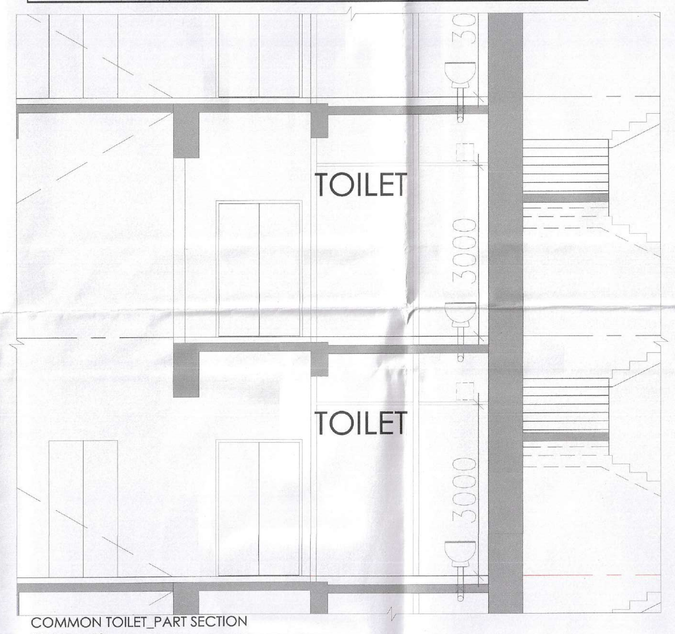
| REFUGE AREA | | | | | |
|---|---|---|---|---|---|
| S.NO. | WIDTH(M) | LENGTH(M) | COEFF. | NOS. | AREA (SqM) |
| ADDITIONS | | | | | |
| A | 8.000 | 0.275 | 1 | 1 | 2.200 |
| B | 1.500 | 7.665 | 1 | 1 | 11.498 |
| C | 29.350 | 2.975 | 1 | 1 | 87.316 |
| D | 6.200 | 1.595 | 1 | 1 | 9.889 |
| GROSS 4 (NET REFUGE AREA) | | | | | 110.903 |

| BUILT-UP AREA CALCULATION- 7TH FLOOR | |
|---|---|
| GROSS 1 | 1796.843 |
| GROSS 2 | 76.864 |
| GROSS 3 | 30.696 |
| GROSS 4 | 110.903 |
| GROSS 5 (BUILT-UP AREA) | 2015.306 |

| NON- F.A.R AREA CALCULATION- 7TH FLOOR | |
|---|---|
| GROSS 5 | 2015.306 |
| GROSS 1 | 1796.843 |
| TOTAL (GROSS 5- GROSS 1) | 218.463 |

| TOILET CALCULATION (AS PER GROSS AREA) | | | | | | |
|---|---|---|---|---|---|---|
| 7TH FLOOR -OFFICE | | | | | | |
| | GROSS AREA (SQ.M) | | PERMANENT POPULATION (100%) | | TOTAL PROVIDED | |
| TYPICAL FLOOR PLATE | 1945.080 | | 195 | | | |
| TOTAL POPULATION | 195 | | 195 | | | |
| | | | MALE (2/3) | FEMALE (1/3) | MALE | FEMALE |
| As per NBC | NO. | | 130 | 65 | | |
| | WC:1/25 | WC:1/15 | 6 | 5 | 12 | 11 |
| | 4 for 100 and From 101 to 200 add @3% | | 5 | 0 | 5 | |
| | WB:1/25 | WB:1/25 | 6 | 3 | 12 | 11 |

| STAIRCASE CALCULATION (AS PER GROSS AREA) | | | | |
|---|---|---|---|---|
| 7TH FLOOR | | | | |
| | GROSS AREA (SQ.M) | POPOULATION | STAIRCASE WIDTH REQUIRED (MM) | STAIRCASE WIDTH PROPOSED (MM) |
| OFFICE SPACE @ 10 SQ.M PP | 1945.06 | 194.51 | | |
| TOTAL POPULATION | | 195 | 1945.060 | 3000 |




COMMON TOILET_PART SECTION
SCALE-1:50

| DOOR/ WINDOW SCHEDULE (TOWER) | | | | | | |
|---|---|---|---|---|---|---|
| S. NO. | TAG'S | WIDTH | LINTEL | CILL | LOCATION | FIRE RATINGS |
| DOORS | | | | | | |
| 1 | D1 | 2650 | 2400 | 0 | EXTERNAL SERVICES | |
| 2 | D2 | 1200 | 2400 | 0 | EXTERNAL SERVICES | |
| 3 | D3 | 1300 | 2400 | 0 | SHOP BACKSIDE ENTRY | 2hrs |
| 4 | D4 | 1200 | 2400 | 0 | | |
| 5 | D5 | 1000 | 2400 | 0 | | |
| 6 | D6 | 920 | 2400 | 0 | | |
| 7 | D7 | 800 | 2400 | 0 | | |
| 8 | D8 | 750 | 2400 | 0 | | |
| 9 | GD1 | 1800 | 2400 | 0 | | |
| 10 | GD1 | 1800 | 2400 | 0 | | |
| 11 | GD2 | 1200 | 2400 | 0 | | |
| 12 | GD3 | 1300 | 2400 | 0 | | |
| GLAZINGS | | | | | | |
| 1 | GL1 | 90825 | 0 | 0 | | |
| 2 | GL2 | 84825 | 0 | 0 | | |
| 3 | GL3 | 41325 | 0 | 0 | | |
| 4 | GL4 | 40825 | 0 | 0 | | |
| 5 | GL5 | 40650 | 0 | 0 | | |
| 6 | GL6 | 40225 | 0 | 0 | | |
| 7 | GL7 | 34886 | 0 | 0 | | |
| 8 | GL8 | 32700 | 0 | 0 | | |
| 9 | GL9 | 32490 | 0 | 0 | | |
| 10 | GL10 | 32475 | 0 | 0 | | |
| 11 | GL11 | 31480 | 0 | 0 | | |
| 12 | GL12 | 30280 | 0 | 0 | | |
| 13 | GL13 | 29800 | 0 | 0 | | |
| 14 | GL14 | 29128 | 0 | 0 | | |
| 15 | GL15 | 24080 | 0 | 0 | | |
| 16 | GL16 | 23335 | 0 | 0 | | |
| 17 | GL17 | 23335 | 0 | 0 | | |
| 18 | GL18 | 22920 | 0 | 0 | | |
| 19 | GL19 | 20485 | 0 | 0 | | |
| 20 | GL20 | 14880 | 0 | 0 | | |
| 21 | GL21 | 14580 | 0 | 0 | | |
| 22 | GL22 | 14380 | 0 | 0 | | |
| 23 | GL23 | 13696 | 0 | 0 | | |
| 24 | GL24 | 13385 | 0 | 0 | | |
| 25 | GL25 | 11826 | 0 | 0 | | |
| 26 | GL26 | 10950 | 0 | 0 | | |
| 27 | GL27 | 10488 | 0 | 0 | | |
| 28 | GL28 | 10360 | 0 | 0 | | |
| 29 | GL29 | 10300 | 0 | 0 | | |
| 30 | GL30 | 10286 | 0 | 0 | | |
| 31 | GL31 | 10180 | 0 | 0 | OFFICE+REFUGE FLOOR | 2hr |
| 32 | GL32 | 10135 | 0 | 0 | | |
| 33 | GL33 | 10008 | 0 | 0 | | |
| 34 | GL34 | 9965 | 0 | 0 | | |
| 35 | GL35 | 9425 | 0 | 0 | | |
| 36 | GL36 | 8975 | 0 | 0 | | |
| 37 | GL37 | 7946 | 0 | 0 | | |
| 38 | GL38 | 7897 | 0 | 0 | | |
| 39 | GL39 | 7894 | 0 | 0 | | |
| 40 | GL40 | 7833 | 0 | 0 | | |
| 41 | GL41 | 7766 | 0 | 0 | | |
| 42 | GL42 | 7667 | 0 | 0 | | |
| 43 | GL43 | 7521 | 0 | 0 | | |
| 44 | GL44 | 7303 | 0 | 0 | | |
| 45 | GL45 | 6200 | 0 | 0 | | |
| 46 | GL46 | 6441 | 0 | 0 | | |
| 47 | GL47 | 3816 | 0 | 0 | | |
| 48 | GL48 | 2920 | 0 | 0 | | |
| 49 | GL49 | 2587 | 0 | 0 | | |
| 50 | GL50 | 2000 | 0 | 0 | | |
| 51 | GL51 | 1800 | 0 | 0 | | |
| 52 | GL52 | 1525 | 0 | 0 | | |
| 53 | GL54 | 1039 | 0 | 0 | | |
| 54 | GL55 | 850 | 0 | 0 | OFFICE+REFUGE FLOOR | 2hr |
| FIRE DOORS AND WINDOW | | | | | | |
| 1 | FD1 | 1800 | 2400 | 0 | FIRE EXIT @GROUND FLOOR | 2hr |
| 2 | FD2 | 1200 | 2400 | 0 | FIRE TOWER | 2hrs |
| 3 | FD7 | 1200 | 2400 | 75 | LV/M.V SHAFT (G.F.) | 2hrs |
| 4 | FD3 | 1200 | 2400 | 75 | LV/M.V SHAFT | 2hrs |
| 5 | FD4 | 1200 | 2400 | 0 | OFFICE ENTRY | 2hrs |
| 6 | FD5 | 2200 | 2400 | 0 | MEER/GUARD, AUDI., GYM | 2hrs |
| 7 | FWD1 | 1800 | 2400 | 400 | T.P.H.C. | 2hrs |
| 8 | FWD | 900 | 2100 | 400 | T.P.H.C. | 2hrs |
| 9 | FDD1 | 1300 | 2400 | 0 | ENTRANCE LOBBY ALL FLOORS | 2hrs |
| GLAZING OPENING | | | | | | |
| 1 | OP1 | 1612 | 2200 | 1200 | ALL FLOORS | |
| MOTORIZED OPENABLE WINDOW | | | | | | |
| 1 | MW | 1400 | 2400 | 1200 | DOUBLE HEIGHT LOBBY | |
| 2 | MW1 | 2035 | 2400 | 1200 | DOUBLE HEIGHT LOBBY @GROUND & FIRST FLOOR | |

| PLUMBING VERTICAL PIPES SCHEDULES :- | | |
|---|---|---|
| 1 | SVP | 100ø SOIL PIPE |
| 2 | WP | 100ø WASTE PIPE |
| 3 | VP | 75ø VENT PIPE |
| 4 | DCW | DOMESTIC WATER SUPPLY MAIN PIPE |
| 5 | DCW | DOMESTIC WATER SUPPLY BRANCH PIPE |
| 5A | DCW | DOMESTIC WATER FOR TOP THREE FLOOR |
| 6 | FW | FLUSHING WATER SUPPLY MAIN PIPE |
| 7 | FW | FLUSHING WATER SUPPLY BRANCH PIPE |
| 8 | FW | DOMESTIC WATER RISER TO OHT |
| 9 | FW | FLUSHING WATER RISER TO OHT |
| 10 | SW | SOFT WATER RISER TO OHT |
| 11 | AC | AC DRAIN PIPE |
| R | RWP | 100ø RAIN WATER PIPE |
| R1 | RWP | 150ø RAIN WATER PIPE |
| R2 | RWP | 200ø RAIN WATER PIPE |
| R3 | BWP | 100ø BALCONY DRAIN PIPE |

| PIPE CONNECTION ITS :- | |
|---|---|
| WC TO STACK | 100ø SOIL PIPE |
| SINK TO PT | 40ø WASTE PIPE |
| FD TO PT | 50ø WASTE PIPE |
| WASH BASIN TO PT | 32ø WASTE PIPE |
| PT TO STACK | 100ø WASTE PIPE |

| FIRE FIGHTING LEGEND :- | | |
|---|---|---|
| S.NO. | SYMBOL | DESCRIPTION |
| A | | 150ø FIRE HYDRANT PIPE FOR (LOWER ZONE) |
| B | | 150ø FIRE HYDRANT PIPE FOR (MIDDLE ZONE) |
| C | | 150ø FIRE HYDRANT PIPE FOR (HIGH ZONE) |
| D | | 40ø FIRE SPRINKLER DRAIN PIPE |
| E | | 150ø FIRE SPRINKLER PIPE FOR (LOWER ZONE) |
| F | | 150ø FIRE SPRINKLER PIPE FOR (MIDDLE ZONE) |
| G | | 150ø FIRE SPRINKLER PIPE FOR (HIGH ZONE) |
| H | | 150ø FIRE SPRINKLER (STAND BY PIPE (LOWER ZONE) |
| I | | 150ø FIRE SPRINKLER (STAND BY PIPE (MIDDLE ZONE) |
| J | | 150ø FIRE SPRINKLER (STAND BY PIPE (HIGH ZONE) |
| K | | 150ø FIRE WATER MAKE UP PIPE |
| L | | 150ø WATER CURTAIN PIPE |

Checked and found ok for Public Health (Internal) Service only subject to comments in forwarding letter No. ..... Dt .....

Sr. Executive Engineer (HQ) for Chief Engineer-I HSVP, Panchkula

S.E.(HQ) Member Secretary B.P.A.C. | S.T.P (G) Member B.P.A.C. | C.E.P.(HR) Chairman B.P.A.C.
ADFO, (HQ) Member BPAC | FSO, (HQ) Member BPAC | DTP(HQ) | ATP(HQ)

DG-AR-110

AD | FA | ATP

Rajesh Dutt 27/01/26

SANCTIONED TO BE READ WITH THIS OFFICE MEMO NO.: 2176 DATED : 16/01/2026

CLIENT
PURI CONSTRUCTION PVT. LTD.
4/8, BASAO FLOOR, SOUTH EXTENSION-II, KAUTILYA MARG, NEW DELHI-110049

STRUCTURES
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(Opp. Apna Sainaj Mandir)
New Delhi -110048
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E-mail: pdbcon@gmail.com

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E-mail: ashish.rakheja@aeonconsultants.in

ARCHITECTS
Arcop Associates Pvt. Ltd.
Plot- 368, Sec-32, Gurgaon-122001
Ph.: 26242050, 2624169
Montreal, Toronto, New Delhi, Boston

PROJECT
Building plan of commercial Colony measuring land under TOD policy over an area measuring 3.356 Acres (license no. 99 & 3.375 acres (license no. 98) of 2010 dated 19.11. 2010, in sector -111, Distt. Gurgaon being developed by M/s Naturevilla promoters Pvt. Ltd. in collaboration with M/s Puri Construction Pvt. ltd.

ARCHITECT'S SIGNATURE

OWNER'S SIGNATURE
For Puri Construction Pvt. Ltd.
Authorised Signatory

| DRAWING TITLE | DRAWING NO. |
|---|---|
| 7TH FLOOR PLAN | DG-AR-110 |