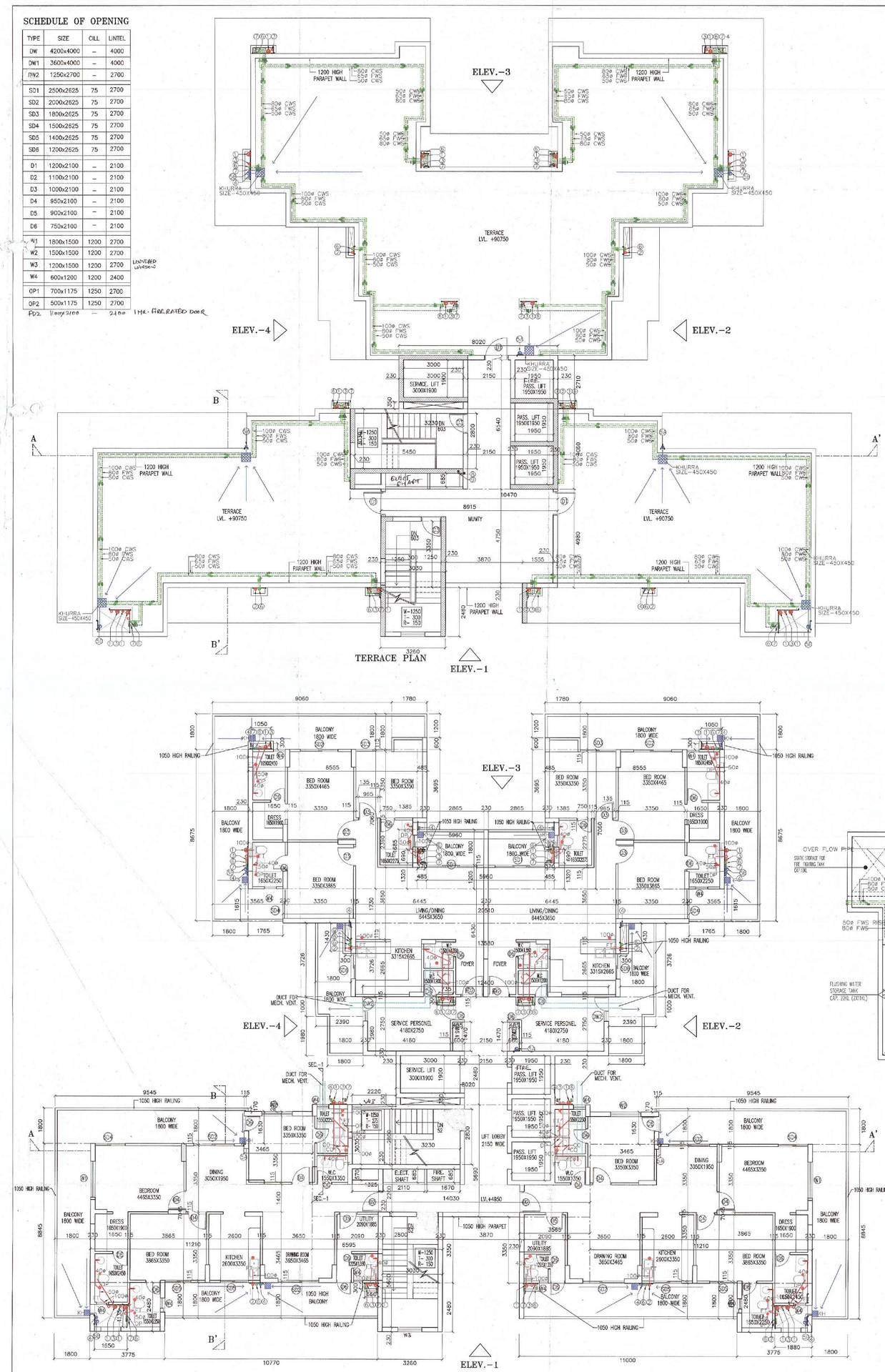
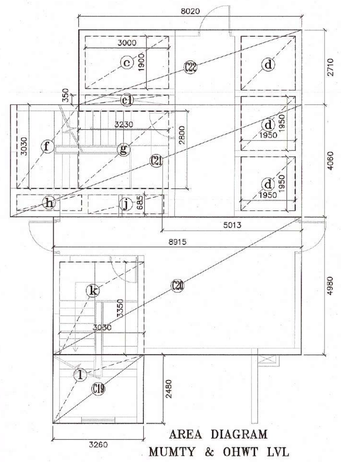
## SCHEDULE OF OPENING

| TYPE | SIZE | CILL | LINTEL |
|---|---|---|---|
| DW | 4200x4000 | -- | 4000 |
| DW1 | 3600x4000 | -- | 4000 |
| DW2 | 1250x2700 | -- | 2700 |
| SD1 | 2500x2625 | 75 | 2700 |
| SD2 | 2000x2625 | 75 | 2700 |
| SD3 | 1800x2625 | 75 | 2700 |
| SD4 | 1500x2625 | 75 | 2700 |
| SD5 | 1400x2625 | 75 | 2700 |
| SD6 | 1200x2625 | 75 | 2700 |
| D1 | 1200x2100 | -- | 2100 |
| D2 | 1100x2100 | -- | 2100 |
| D3 | 1000x2100 | -- | 2100 |
| D4 | 950x2100 | -- | 2100 |
| D5 | 900x2100 | -- | 2100 |
| D6 | 750x2100 | -- | 2100 |
| W1 | 1800x1500 | 1200 | 2700 |
| W2 | 1500x1500 | 1200 | 2700 |
| W3 | 1200x1500 | 1200 | 2700 |
| W4 | 600x1200 | 1200 | 2400 |
| OP1 | 700x1175 | 1250 | 2700 |
| OP2 | 500x1175 | 1250 | 2700 |
| FD2 | Very Size | -- | 2100 |

LINTELED LINTELED

FD2 - FABRICATED DOOR



AREA DIAGRAM
MUMTY & OHWT LVL

| MUMTY AREA CALCULATION (NON F.A.R.) | | | | | | | |
|---|---|---|---|---|---|---|---|
| S.NO. | No. | | LENGTH | | WIDTH | | REMARK |
| C19 | 1 | x | 3.260 | x | 2.480 | = | 8.085 |
| C20 | 1 | x | 8.915 | x | 4.980 | = | 44.397 |
| C21 | 1 | x | 10.470 | x | 4.060 | = | 42.508 |
| C22 | 1 | x | 8.020 | x | 2.710 | = | 21.734 |
| TOTAL | | | | | | = | 116.724 |

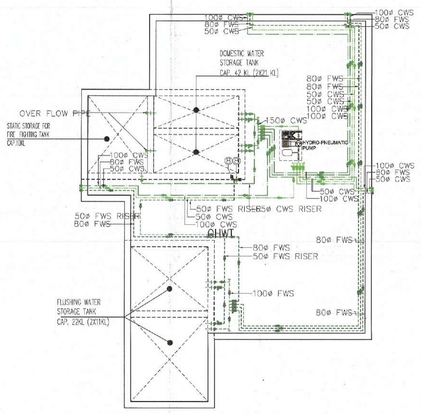
| DEDUCATION AREAS | | | | | | | |
|---|---|---|---|---|---|---|---|
| c | 1 | x | 3.000 | x | 1.900 | = | 5.700 |
| c1 | 1 | x | 3.000 | x | 0.350 | = | 1.050 |
| d | 3 | x | 1.950 | x | 1.950 | = | 11.408 |
| f | 1 | x | 2.220 | x | 3.030 | = | 6.727 |
| g | 1 | x | 3.230 | x | 2.800 | = | 9.044 |
| h | 1 | x | 2.325 | x | 0.570 | = | 1.325 |
| i | 1 | x | 2.725 | x | 0.685 | = | 1.867 |
| k | 1 | x | 3.030 | x | 3.350 | = | 10.151 |
| l | 1 | x | 3.260 | x | 2.480 | = | 8.085 |
| TOTAL | | | | | | = | 55.355 |

| NET MUMTY AREA | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | = 116.724 | - | 55.355 | = | 61.369 |

| MACH. RM. & O.H.W.T. AREA CALCULATION (NON F.A.R.) | | | | | | | |
|---|---|---|---|---|---|---|---|
| S.NO. | No. | | LENGTH | | WIDTH | | REMARK |
| C19 | 1 | x | 3.260 | x | 2.480 | = | 8.085 |
| C20 | 1 | x | 8.915 | x | 4.980 | = | 44.397 |
| C21 | 1 | x | 10.470 | x | 4.060 | = | 42.508 |
| C22 | 1 | x | 8.020 | x | 2.710 | = | 21.734 |
| TOTAL | | | | | | = | 116.724 |




TYPICAL FLOOR PLAN
(2ND TO 17TH FL. & 19TH TO 26TH FL.)



OHWT LEVEL PLAN

### RAIN WATER PIPES DETAILS -TOWER-3,4 & 5

TOWERWISE TERRACE AREA DETAIL AND RAIN WATER PIPE SCHEDULE

| TOWER NOS. | NOS. OF STOREY | TOTAL NOS. OF TOWER | TERRACE AREA SQ.M. ONE TOWER | REQUIRED NO. OF PIPES @ 45 SQM. FOR 1000 PIPE ONE TOWER | PROVIDED TOTAL NOS. OF RAIN WATER PIPE (100MM DIA) | SIZE OF RAIN WATER PIPE (MM DIA) ONE TOWER | REQUIRED NO. OF PIPES @ 115 SQM. FOR 1500 PIPE ONE TOWER | PROVIDED TOTAL NOS. OF RAIN WATER PIPE (150MM DIA) | SIZE OF RAIN WATER PIPE (MM DIA) ONE TOWER |
|---|---|---|---|---|---|---|---|---|---|
| TOWER-T3,T4,T5 | S=25 & S=26 | 3 | 510 | 3 | 3 | 100 | 4 | 4 | 150 |

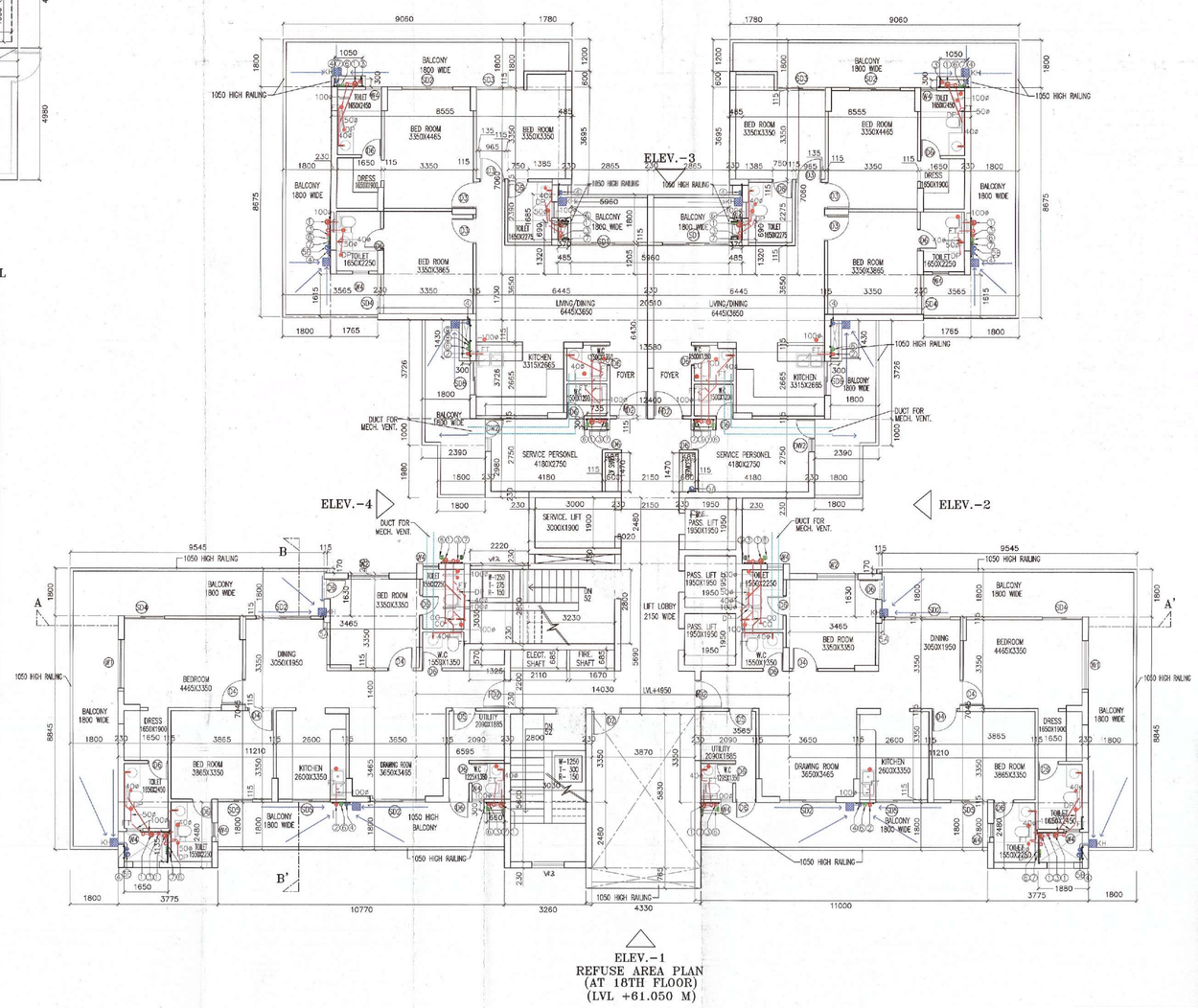
### OVER HEAD TANK DETAILS -TOWER-3,4 & 5

TOWERWISE WATER REQUIREMENT AND SCHEDULE OF OVER HEAD WATER STORAGE TANKS (DOMESTIC + FLUSHING)

| TOWER NOS. | NOS. OF STOREY | TOTAL NOS OF TOWER | TYPE OF D.U. ON TYPICAL FLOOR | TOTAL NOS. OF D.U. IN ONE TOWER | TOTAL NOS. OF D.U. IN TOWER | POPULATION @ 5 person/DU, 2Person/Ser & 3 Persons/DU(EWS) | TOTAL OF POPULATION @ | TOTAL WATER REQUIREMENT @ 172.5 LPCD (LTR) | TOTAL WATER REQUIREMENT/ TOWER (LTR) | TOTAL HALF DAY OVER HEAD WATER STORAGE | DOMESTIC OVER HEAD WATER STORAGE @65% OF TOTAL OHT (LTR) | OHT FEEDING PIPE (DOMESTIC) (MM) | FLUSHING OVER HEAD WATER STORAGE @ 35% OF TOTAL OHT (LTR) | OHT FEEDING PIPE (FLUSHING) (MM) | STATIC OVER HEAD STORAGE FOR FIRE FIGHTING |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BLOCK-T3 | S=26 | 1 | 3BHK + SERVANT+UTILITY | 104 52 SER. UNIT | 104 | (104X5) + (52X2) = 624 | 624 | 107640 | 107640 | 53820 | 34983 SAY 35 KL | 65 | 18837 SAY 19KL | 50 | 10KL |
| BLOCK-T4 | S=26 | 1 | 3BHK+UTILITY | 104 | 104 | (104X5) = 520 | 520 | 89700 | 89700 | 44850 | 29153 SAY 29 KL | 50 | 15698 SAY 16KL | 40 | 10KL |
| BLOCK-T5 | S=25 | 1 | 3BHK+UTILITY | 100 | 100 | (100X5) = 500 | 500 | 86250 | 86250 | 43125 | 28031 SAY 28 KL | 50 | 15094 SAY 15KL | 40 | 10KL |

NOTES:-

1. ALL PIPE DIAMETERS ARE IN M/M.
2. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL, STRUCTURAL AND OTHER SERVICES DRAWINGS.
3. WATER INLETS AND WASTE OUTLETS FROM SANITARYWARE SHALL BE ARRANGED TO SUIT REQUIREMENTS OF SELECTED MAKES AND MODELS.
4. SOIL,WASTE & VENT AND RAIN WATER PIPE WORK:-
   a) SOIL, WASTE & VENT PIPE WORK SHALL BE CARRIED OUT IN UPVC PIPES AND FITTINGS CONFORMING TO IS: 13592 - TYPE - B
   b) ALL WASTE PIPE WORK FROM URINALS & WASH BASINS SHALL BE IN CARRIED OUT IN SMALL BORE UPVC PIPES AND FITTINGS OF 6 Kg/CM² PRESSURE RATING AND CONFORMING TO IS: 4985 OR AS SPECIFIED IN BILL OF QUANTITIES.
   c) RAIN WATER PIPE WORK SHALL BE CARRIED OUT IN UPVC PIPES AND FITTINGS CONFORMING TO IS: 13592 - TYPE - A AND IS: 4985 AS SPECIFIED IN BILL OF QUANTITES.
   d) FLOOR TRAPS:- ALL FLOOR TRAPS SHALL BE FORMED OF 110X110 MM. DIA 3" TRAP WITH 110 MM. DIA UPVC PIPE EXTENSION PIECE FOR SIDE INLETS. AS PER STANDARD DETAIL.
   e) DRAIN POINTS:- DRAIN POINT SHALL BE FORMED WITH 110X63 M/M. UPVC RECEPTACLE (ALTERNATIVELY 110X63 MM SHALLOW NAHANI TRAP NOT MORE THAN 3.5 INCH HIGH) AND PROVIDED WITH 125 MM. DIA C.P. GRATING WITH FRAME.
   f) ALL HORIZONTAL SOIL AND WASTE PIPES SHALL BE LAID TO A SLOPE NOT FLATTER THAN 1:50 AND NOT STEEPER THAN 1:10 UNLESS SPECIFIED.
5. WATER SUPPLY PIPE WORK:-
   a) ALL COLD WATER SUPPLY PIPE WORK RUNNING IN TOILETS ARE CPVC PIPES AND FITTING (SDR-11 UP TO 2 INCH DIA.) AND WITH IN SHAFT ARE UPVC SCH.-40 PIPES AND FITTINGS, OR AS SPECIFIED IN BILL OF QUANTITES.
   b) ALL COLD WATER SUPPLY PIPE WORK RUNNING ON TERRACE SHALL BE CARRIED OUT IN GI (MEDIUM CLASS) PIPES AND FITTING CONFORMING TO RELEVANT IS CODE.
   c) ALL HOT PIPE SUPPLY PIPES WORK RUNNING ON TERRACE IN SHAFT AND WITH IN TOILETS SHALL BE CARRIED OUT IN CPVC PIPES AND FITTINGS (SDR-11 UP TO 2 INCH DIA).
   d) NO PIPE WORK SHALL BE CONCEALED IN WALLS OR BURIED IN FLOORS WITHOUT BEING SUBJECTED TO WATER TESTING AS PER THE DIRECTION OF THE SITE ENGINEER.
   e) INSULATION:- ALL HOT WATER SUPPLY PIPES CONCEALED IN WALLS AND SUSPENDED WITH CEILING SHOULD BE INSULATED WITH 9 MM THICK PREFORMED PIPES SUBSVE OF EXTENDED SYNTHETIC RUBBER POLYMERIC COMPOUND
   f) ALL WATER SUPPLY CONNECTION TO EACH TOILET SHALL BE TAKEN ABOVE FALSE CEILING LEVEL AND PROVIDED (WITH A BALL VALVE DROPS FOR FIXTURES/FAUCETS SHALL BE TAKEN IN VERTICAL CHASES.
   g) PIPES ON TERRACE SHALL BE SUPPORTED ON CONCRETE/BRICK PEDESTALS AT EVERY CHANGE OF DIRECTION AND AT AN INTERVAL OF 1500 MM. ON STRAIGHT RUNS.



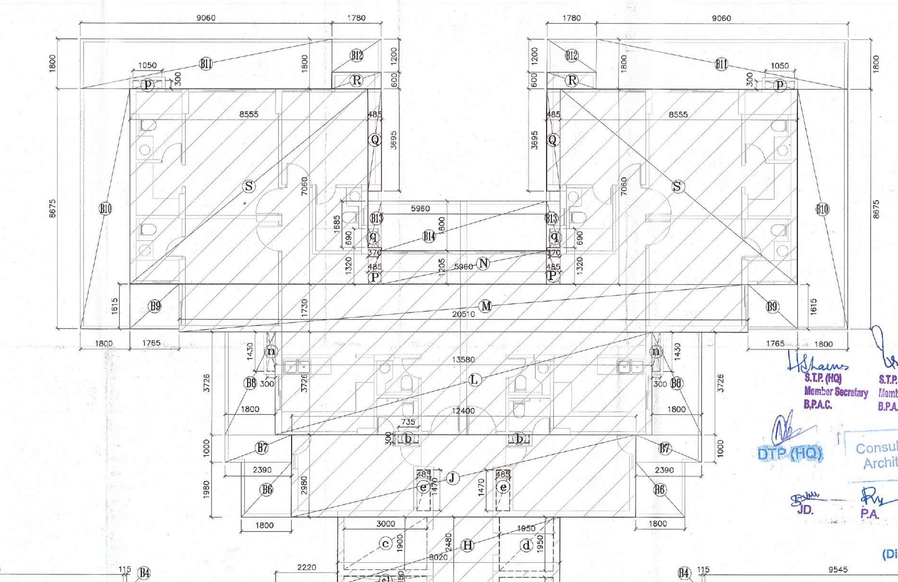

ELEV.-1
REFUSE AREA PLAN
(AT 18TH FLOOR)
(LVL +61.050 M)

| TOWER-T4 | | | | |
|---|---|---|---|---|
| | GR.COV. | UNIT F.A.R. | BALCONY NON F.A.R | STAIR NON F.A.R. | D.UNIT |
| | SQ.M. | SQ.M. | SQ.M. | SQ.M. | |
| GROUND FL | 665.214 | 157.039 | | -- | |
| 1ST FL. | | 526.702 | 214.538 | 34.006 | 4 |
| 2nd FL. | | 526.702 | 214.538 | 34.006 | 4 |
| 3rd FL. | | 526.702 | 214.538 | 34.006 | 4 |
| 4th FL. | | 526.702 | 214.538 | 34.006 | 4 |
| 5th FL. | | 526.702 | 214.538 | 34.006 | 4 |
| 6th FL. | | 526.702 | 214.538 | 34.006 | 4 |
| 7th FL. | | 526.702 | 214.538 | 34.006 | 4 |
| 8th FL. | | 526.702 | 214.538 | 34.006 | 4 |
| 9th FL. | | 526.702 | 214.538 | 34.006 | 4 |
| 10th FL. | | 526.702 | 214.538 | 34.006 | 4 |
| 11th FL. | | 526.702 | 214.538 | 34.006 | 4 |
| 12th FL. | | 526.702 | 214.538 | 34.006 | 4 |
| 13th FL. | | 526.702 | 214.538 | 34.006 | 4 |
| 14th FL. | | 526.702 | 214.538 | 34.006 | 4 |
| 15th FL. | | 526.702 | 214.538 | 34.006 | 4 |
| 16th FL. | | 526.702 | 214.538 | 34.006 | 4 |
| 17th FL. | | 526.702 | 214.538 | 34.006 | 4 |
| 18th FL. | | 526.702 | 214.538 | 34.006 | 4 |
| 19th FL. | | 526.702 | 214.538 | 34.006 | 4 |
| 20th FL. | | 526.702 | 214.538 | 34.006 | 4 |
| 21st FL. | | 526.702 | 214.538 | 34.006 | 4 |
| 22nd FL. | | 526.702 | 214.538 | 34.006 | 4 |
| 23rd FL. | | 526.702 | 214.538 | 34.006 | 4 |
| 24th FL. | | 526.702 | 214.538 | 34.006 | 4 |
| 25th FL. | | 526.702 | 214.538 | 34.006 | 4 |
| 26th FL. | | 526.702 | 214.538 | 34.006 | 4 |
| TOTAL | 665.214 | 13851.288 | 5577.975 | 884.153 | 104 |
| MUMTY | | 61.369 | | | |
| O.H.W.T. | | 116.724 | | | |
| STILT | | 508.525 | | | |

| TOWER-T4 | | | |
|---|---|---|---|
| TOTAL BUILT UP AREA (F.A.R.+NON F.A.R.) | | | |
| TOWER (F.A.R.) | = | 13,851.288 | SQ.M. |
| STILT (NON F.A.R.) | = | 508.525 | SQ.M. |
| STAIR (NON F.A.R.) | = | 884.153 | SQ.M. |
| BALCONY (NON F.A.R.) | = | 5,577.975 | SQ.M. |
| MUMTY (NON F.A.R.) | = | 61.369 | SQ.M. |
| O.H.W.T. (NON F.A.R.) | = | 116.724 | SQ.M. |
| TOTAL | = | 21,000.033 | SQ.M. |

| REQUIRED REFUSE AREA CALCULATION | | SQ.M |
|---|---|---|
| ( 18TH FL + 19TH FL )/ 12.50 ) X 0.3 ) + 0.9 )= | | |
| ( 526.702 x 526.702 )/ 12.50 ) X 0.3 ) + 0.9 )= | | 26.182 |

| PROPOSED REFUSE AREA CALCULATION | | SQ.M |
|---|---|---|
| ( 3.870 X 5.830 ) | = | 22.562 |
| ( 4.330 X 0.850 ) | = | 3.681 |
| TOTAL | = | 26.243 |



AREA DIAGRAM
(1st TO 26th FLOOR)

| TOWER- T4 | | | | | | | |
|---|---|---|---|---|---|---|---|
| TYP FLOOR (Ist TO 26th FL) AREA CAL (F.A.R.) | | | | | | | |
| S.NO. | No. | | LENGTH | | WIDTH | | REMARK |
| A | 2 | x | 3.775 | x | 2.480 | = | 18.724 |
| B | 2 | x | 11.210 | x | 7.045 | = | 157.949 |
| C | 2 | x | 3.465 | x | 1.630 | = | 11.296 |
| D | 1 | x | 6.595 | x | 3.350 | = | 22.093 |
| E | 1 | x | 3.260 | x | 2.480 | = | 8.085 |
| F | 1 | x | 3.565 | x | 3.350 | = | 11.943 |
| G | 1 | x | 14.030 | x | 5.660 | = | 79.831 |
| H | 1 | x | 8.020 | x | 2.480 | = | 19.890 |
| J | 1 | x | 12.400 | x | 2.980 | = | 36.952 |
| L | 1 | x | 13.580 | x | 3.726 | = | 50.599 |
| M | 1 | x | 20.510 | x | 1.730 | = | 35.482 |
| N | 1 | x | 5.960 | x | 1.205 | = | 7.182 |
| P | 2 | x | 0.485 | x | 1.320 | = | 1.280 |
| Q | 2 | x | 0.485 | x | 3.695 | = | 3.584 |
| R | 2 | x | 1.780 | x | 0.600 | = | 2.136 |
| S | 2 | x | 8.555 | x | 7.060 | = | 120.797 |
| TOTAL | | | | | | = | 587.822 |

| DEDUCATION AREAS | | | | | | | |
|---|---|---|---|---|---|---|---|
| a | 2 | x | 1.650 | x | 1.135 | = | 3.746 |
| b | 2 | x | 0.735 | x | 0.300 | = | 0.441 |
| c | 1 | x | 3.000 | x | 1.900 | = | 5.700 |
| c1 | 1 | x | 3.000 | x | 0.350 | = | 1.050 |
| d | 3 | x | 1.950 | x | 1.950 | = | 11.408 |
| e | 2 | x | 0.485 | x | 1.470 | = | 1.426 |
| f | 1 | x | 2.220 | x | 3.030 | = | 6.727 |
| g | 1 | x | 3.230 | x | 2.800 | = | 9.044 |
| h | 1 | x | 1.325 | x | 0.570 | = | 0.755 |
| j | 1 | x | 2.110 | x | 0.685 | = | 1.445 |
| j1 | 1 | x | 1.670 | x | 0.685 | = | 1.144 |
| k | 1 | x | 3.030 | x | 3.350 | = | 10.151 |
| l | 1 | x | 3.260 | x | 2.480 | = | 8.085 |
| TOTAL | | | | | | = | 61.120 |

| NET TYP FLOOR AREA | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | = 587.822 | - | 61.120 | = | 526.702 |

| BALCONY AREA Ist TO 26th (NON F.A.R.) | | | | | | | |
|---|---|---|---|---|---|---|---|
| B1 | 1 | x | 10.770 | x | 1.800 | = | 19.386 |
| B1a | 1 | x | 11.000 | x | 1.800 | = | 19.800 |
| B2 | 2 | x | 1.800 | x | 8.845 | = | 31.842 |
| B3 | 2 | x | 9.545 | x | 1.800 | = | 34.362 |
| B4 | 2 | x | 0.115 | x | 0.170 | = | 0.039 |
| B6 | 2 | x | 1.800 | x | 1.980 | = | 7.128 |
| B7 | 2 | x | 2.390 | x | 1.000 | = | 4.780 |
| B8 | 2 | x | 1.800 | x | 3.726 | = | 13.414 |
| B9 | 2 | x | 1.765 | x | 1.615 | = | 5.701 |
| B10 | 2 | x | 1.800 | x | 8.675 | = | 31.230 |
| B11 | 2 | x | 9.060 | x | 1.800 | = | 32.616 |
| B12 | 2 | x | 1.780 | x | 1.200 | = | 4.272 |
| B13 | 2 | x | 0.485 | x | 1.685 | = | 1.634 |
| B14 | 1 | x | 5.960 | x | 1.800 | = | 10.728 |
| TOTAL | | | | | | = | 216.932 |

| DEDUCATION AREAS (SHAFTS) | | | | | | | |
|---|---|---|---|---|---|---|---|
| m | 2 | x | 0.660 | x | 0.300 | = | 0.396 |
| n | 2 | x | 0.300 | x | 1.430 | = | 0.858 |
| p | 2 | x | 0.370 | x | 0.690 | = | 0.511 |
| q | 2 | x | 1.050 | x | 0.300 | = | 0.630 |
| TOTAL | | | | | | | 2.395 |

| NET BAL AREA | = | 216.932 - 2.395 | = | 214.538 |
|---|---|---|---|---|

| STAIRCASE AREA CAL (NON F.A.R. ) Ist TO 26th | | | | | | | |
|---|---|---|---|---|---|---|---|
| S.NO. | No. | | LENGTH | | WIDTH | | REMARK |
| f | 1 | x | 2.220 | x | 3.030 | = | 6.727 |
| g | 1 | x | 3.230 | x | 2.800 | = | 9.044 |
| k | 1 | x | 3.030 | x | 3.350 | = | 10.151 |
| l | 1 | x | 3.260 | x | 2.480 | = | 8.085 |
| TOTAL | | | | | | = | 34.006 |

LEGEND

| DESCRIPTION | LEGEND |
|---|---|
| SOIL, WASTE AND VENT PIPE | -① |
| WASTE AND VENT PIPE | -② |
| VENT PIPE | -③ |
| RAIN WATER PIPE FOR BALCONY | -④ |
| RAIN WATER PIPE FOR TERRACE | -⑤ |
| COLD WATER SUPPLY DROP FROM O.H.T. | -⑥ |
| FLUSHING WATER SUPPLY DROP FROM O.H.T. | -⑦ |
| COLD WATER SUPPLY RISER TO O.H.T. | -⑧ |
| FLUSHING WATER SUPPLY RISER TO O.H.T. | -⑨ |
| FLOOR TRAP | FT |
| DRAIN POINT | DP |
| KHURRA (300X300MM) | KH |
| SOIL PIPE | |
| WASTE PIPE | |
| COLD WATER SUPPLY | CWS |
| HOT WATER SUPPLY | HWS |
| FLUSHING WATER SUPPLY | FWS |
| ISOLATING VALVE | |
| MANHOLE (600X800 MM) | MH |
| RAIN WATER COLLECTION CHAMBER | RWCC |

SCHEDULE OF PIPES

| TAG NO | DESCRIPTION | DIA (mm) |
|---|---|---|
| 1 | SOIL,WASTE & VENT PIPE | 150 |
| 2 | WASTE & VENT PIPE | 100 |
| 3 | VENT PIPE | 100 |
| 4 | RAIN WATER PIPE FOR BALCONY | 100 |
| 5 | RAIN WATER PIPE FOR TERRACE | A / B 100 / 150 |
| 6 | CWS DROP FROM OHT | * |
| 7 | FWS DROP FROM OHT | * |
| 8 | COLD WATER RISER TO O.H.T | * |
| 9 | FLUSHING WATER RISER TO OHT | * |

*AS PER WATER SUPPLY DISTRIBUTION DIAGRAM.

S.T.P. (HQ) Member Secretary B.P.A.C.
S.T.P. (B) Member B.P.A.C.
C.T.P. (HQ) Chairman B.P.A.C.
DTP (HQ)
Consultant Architect
ATP(HQ)
JD.
PA
A.T.P.
(Dinesh Kumar) PA(HQ)

ARCHITECT,S SIGN
BHUPENDRA KUMAR
ARCHITECT
CA/2004/35078

CLIENT'S SIGN For ADORE PROPMART LLP
DTP (HQ) Member BPAC
Authorized Signatory

PROJECT
APPROVAL OF BUILDING PLANS OF GROUP HOUSING COLONY AN AREA MEASURING 9.2453 ACRES (LICENSE NO. 264 OF 2023 DATED 19-12-2023) IN SECTOR-77, GURUGRAM BEING DEVELOPED BY ADORE PROPMART LLP.

Checked and found o for Public Health (Internal) Service only subject to comments in forwarding letter No. 2817 dt. 13/02/2024

BUILDING NO.
TOWER-T4

SHEET TITLE
TOWER-T4 PLANS & AREA CALCULATION

Superintending Engineer (HQ) for Chief Engineer-I

SCALE S.K.
SCALE 1 : 100
JOB NO
CHECKED B.K.
DATE
DRG. NO GH-SD-14

ARCHITECT
SAHA & ASSOCIATES
ARCHITECTS,PLANNERS & INT. DESIGNERS
D-22, PAMPOSH ENCLAVE,(L.G.F.)
NEW DELHI-110048
TEL. 26285932, 26461121, FAX. 011 91 26426755
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