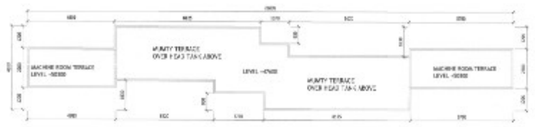
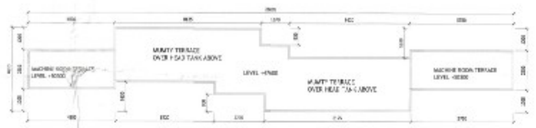
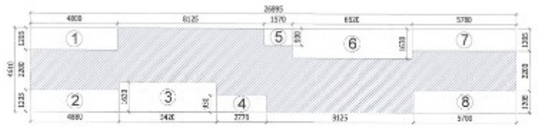


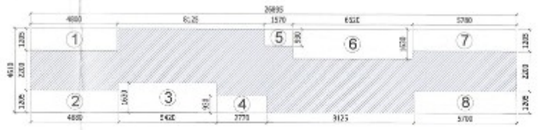
MUMTY AND MACHINE ROOM FLOOR PLAN
TOWER 12&12A

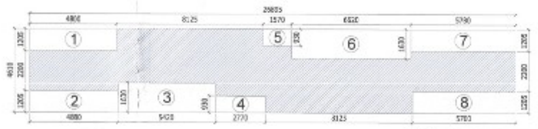


MUMTY AND MACHINE ROOM TERRACE FLOOR PLAN
TOWER 12&12A

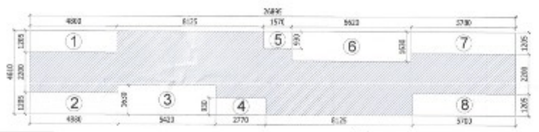


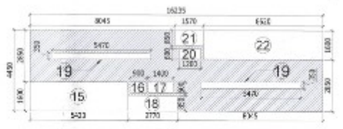
AREA DIAGRAM MUMTY AND MACHINE ROOM FLOOR PLAN
TOWER 12&12A NON-FAR

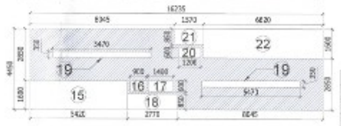




AREA DIAGRAM STILT/GROUND FLOOR PLAN
TOWER 12&12A FAR AREA







AREA DIAGRAM TYPICAL FLOOR PLAN (1st. to 14th.)
TOWER 10&11 NON-FAR AREA

| | |
|---|---|
| MT | MULTI TRAP 100 FT |
| FT | FLOOR TRAP 150 FT |
| FD | FLOOR DRAIN |
| BD | BALCONEY DRAIN |
| | 40Ø WATER SEAL TO FLOOR TRAP |
| | 50 DIA TO FLOOR TRAP |
| | 110 OD FLOOR TRAP TO VERTICAL |

| | |
|---|---|
| | EXTERNAL FIRE HYDRANT |
| | MANHOLE STORM |
| | CATCH BASIN |
| | RCC PIPE STORM WATER |
| | DWC SEWER PIPE |

LEGEND
1. 110 OD SOIL PIPE
2. 110 OD WASTE PIPE
3. 90 OD VENTI PIPE
4. COLD WATER SUPPLY
5. FLUSHING WATER SUPPLY
6. COLD WATER SUPPLY PIPER
7. FLUSHING WATER SUPPLY PIPE
8. RAIN WATER PIPE FOR BALCONIES TERRACE

## DOOR & WINDOWS SCHEDULE

| RMK. | WIDTH | HEIGHT | CILL LVL. | LINTEL LVL. |
|---|---|---|---|---|
| D1 | 900 | 2250 | -- | 2250 |
| D2 | 1200 | 2250 | -- | 2250 |
| D3 | 750 | 2250 | -- | 2250 |
| FD | 1200 | 2250 | -- | 2250 |
| W1 | 1200 | 1500 | 750 | 2250 |
| W2 | 750 | 2100 | 150 | 2250 |
| W3 | 900 | 1500 | 1050 | 2250 |
| W4 | 600 | 750 | 1500 | 2250 |
| DW1 | 1350 | 2250 | -- | 2250 |
| DW2 | 2000 | 2250 | -- | 2250 |
| DW3 | 2350 | 2250 | -- | 2250 |
| FD1 | 900 | 2250 | -- | 2250 |
| FD2 | 1500 | 2250 | -- | 2250 |

ALL UNITS MAIN DOOR 1 HOUR FIRE RATING.
TYPE B - TOILETS 01&02 FULLY MECHANICALLY VENTILLATED

TYPICAL PART SECTION-D
FOR TOILET DUCT

TYPICAL MECHANICAL VENT. LATION CALCULATION FOR WC

| SYM. | location | area | height | volume | air gr. CFM | selected exhaust fan | fan size in mm | wall size in mm | no. of fans |
|---|---|---|---|---|---|---|---|---|---|
| | | sq.m. | m | cu.m. | cfm | | | | |
| 1 | TYPICAL MECHANICAL VENTILATION WC | | | | | | | | |
| 1.1 | Toilet 1 | 21 | 3.0 | 63 | 2224 | 150 CFM Cassette blower | 225x225x75 | 225x75 | 1 |
| 1.2 | Toilet 2 | 21 | 3.0 | 63 | 2224 | | 225x225x75 | 225x75 | |

| FLOOR AREA ON MUMTY AND MACHINE ROOM | | | | |
|---|---|---|---|---|
| ADDITION | | | | |
| SECT. | NO. | LENGTH | BREADTH | AREA |
| A | 2 | 26.695 | 1.872 | 100.0159 |
| TOTAL (1) | | | | 100.0159 SQ.M |
| DEDUCTION | | | | |
| SECT. | NO. | LENGTH | BREADTH | AREA |
| 1 | 2 | 6.000 | 1.200 | 14.4000 |
| 2 | 2 | 6.000 | 1.200 | 14.4000 |
| 3 | 2 | 6.000 | 1.200 | 14.4000 |
| 4 | 2 | 2.775 | 3.525 | 19.5615 |
| 5 | 2 | 6.000 | 2.800 | 33.6000 |
| 6 | 2 | 6.000 | 1.800 | 21.6000 |
| 7 | 2 | 4.700 | 1.800 | 16.9200 |
| 8 | 2 | 6.000 | 1.200 | 14.4000 |
| TOTAL (2) | | | | 149.2215 SQ.M |
| TOTAL AREA ( Total 1 - Total 2 ) | | | | -49.2056 SQ.M |

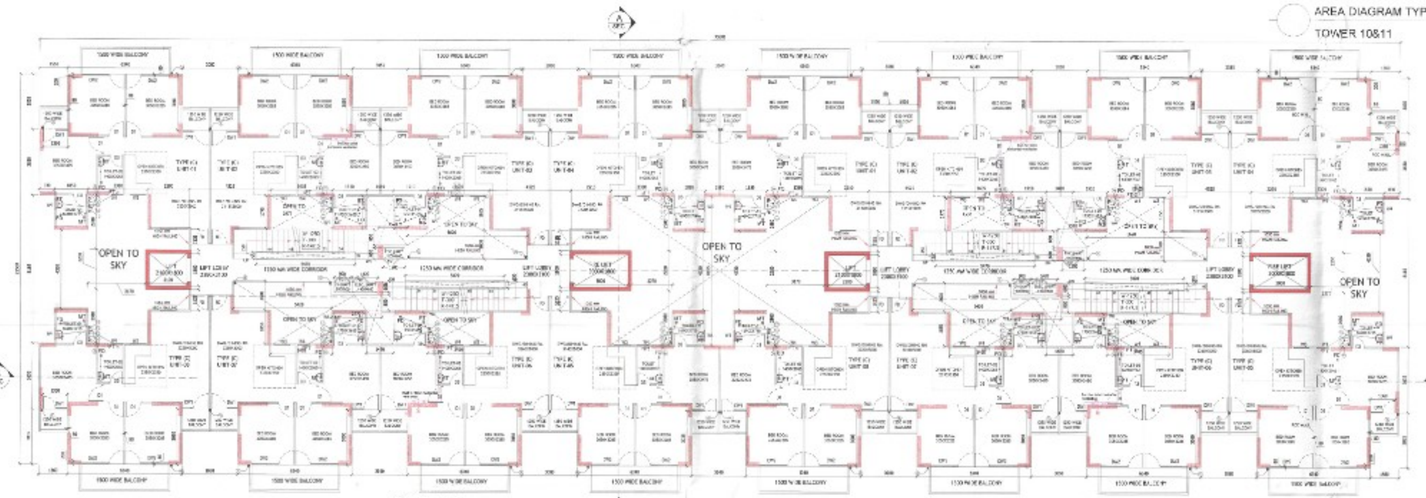
| FIRST/TYPICAL FLOOR FAR AREA | | | | |
|---|---|---|---|---|
| ADDITION | | | | |
| SECT. | NO. | LENGTH | BREADTH | AREA |
| A | 19 | 26.695 | 1.872 | 950.0159 SQ.M |
| TOTAL (1) | | | | 950.0159 SQ.M |
| DEDUCTION | | | | |
| SECT. | NO. | LENGTH | BREADTH | AREA |
| 1 | 2 | 2.850 | 1.825 | 10.3854 |
| 2 | 4 | 1.850 | 4.250 | 32.3612 |
| 3 | 2 | 2.850 | 2.275 | 12.9675 |
| 4 | 4 | 3.250 | 2.550 | 33.2500 |
| 4A | 4 | 3.250 | 2.550 | 33.2500 |
| 5 | 4 | 2.250 | 1.825 | 16.3050 |
| 5A | 4 | 2.250 | 1.825 | 16.3050 |
| 6 | 2 | 2.850 | 1.825 | 10.4025 |
| 7 | 2 | 2.850 | 2.850 | 16.2450 |
| 8 | 2 | 2.275 | 2.275 | 10.3688 |
| 9 | 4 | 3.850 | 2.275 | 35.0350 |
| 10 | 8 | 2.850 | 2.275 | 51.9375 |
| 11 | 4 | 2.850 | 2.850 | 32.3025 |
| 12 | 4 | 2.275 | 2.275 | 20.7025 |
| 13 | 4 | 2.850 | 2.275 | 25.9688 |
| 14 | 4 | 2.850 | 2.275 | 25.9688 |
| 15 | 2 | 1.425 | 1.425 | 4.0641 |
| 16 | 2 | 2.850 | 1.425 | 8.1281 |
| 17 | 2 | 1.425 | 1.425 | 4.0641 |
| 18 | 2 | 2.275 | 1.425 | 6.4844 |
| 19 | 4 | 5.250 | 2.850 | 59.8500 |
| 20 | 2 | 2.850 | 1.425 | 8.1281 |
| 21 | 2 | 2.850 | 2.850 | 16.2450 |
| 22 | 2 | 5.850 | 5.850 | 68.4225 |
| 23 | 2 | 5.850 | 2.850 | 33.3225 |
| 24 | 2 | 2.850 | 2.850 | 16.2450 |
| TOTAL (2) | | | | 463.8844 SQ.M |
| TOTAL AREA ( Total 1 - Total 2 ) | | | | 1350.9315 SQ.M |

NON-F.A.R AREA

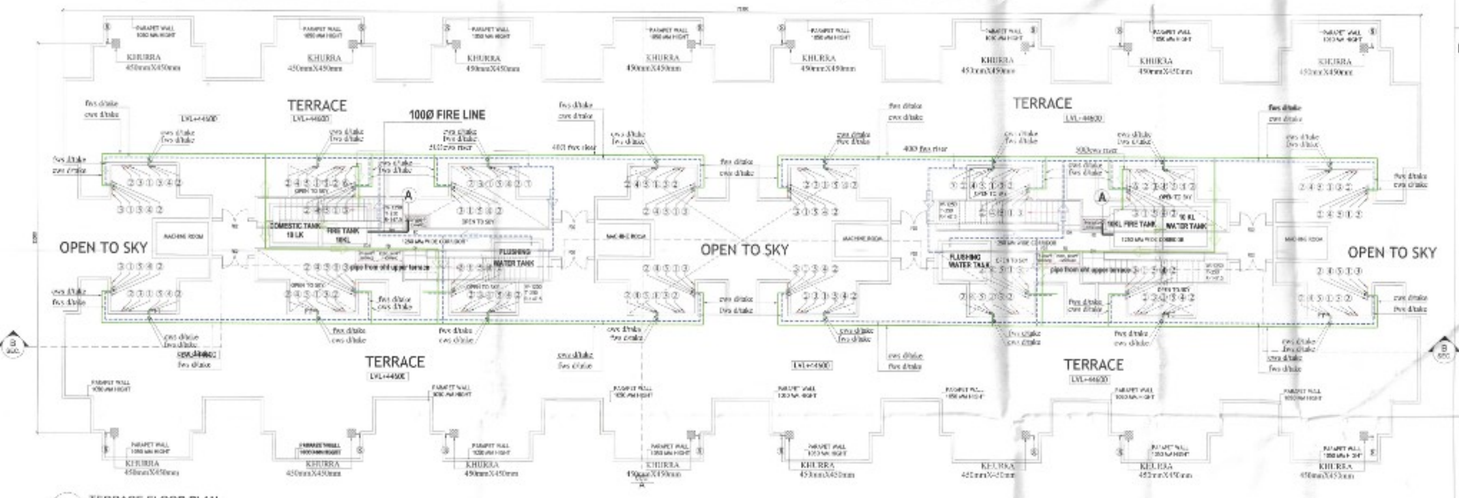
| ADDITION | | | | |
|---|---|---|---|---|
| SECT. | NO. | LENGTH | BREADTH | AREA |
| 1 | 2 | 26.695 | 4.750 | 253.6525 SQ.M |
| TOTAL (1) | | | | 253.6525 SQ.M |
| DEDUCTION | | | | |
| SECT. | NO. | LENGTH | BREADTH | AREA |
| 15 | 2 | 1.425 | 3.665 | 10.4613 SQ.M |
| 16 | 2 | 2.850 | 3.665 | 20.9225 SQ.M |
| 17 | 2 | 1.425 | 3.665 | 10.4613 SQ.M |
| 18 | 2 | 2.275 | 3.665 | 16.6915 SQ.M |
| 19 | 4 | 5.250 | 3.665 | 76.9125 SQ.M |
| 20 | 2 | 2.850 | 3.665 | 20.9225 SQ.M |
| 21 | 2 | 2.850 | 3.665 | 20.9225 SQ.M |
| 22 | 2 | 5.850 | 3.665 | 42.9525 SQ.M |
| 23 | 2 | 5.850 | 3.665 | 42.9525 SQ.M |
| 24 | 2 | 2.850 | 3.665 | 20.9225 SQ.M |
| TOTAL (2) | | | | 268.2000 SQ.M |
| TOTAL NON-F.A.R AREA (4) | | | | 21.5525 SQ.M |
| TOTAL F.A.R AREA (3-4) | | | | 1329.3790 SQ.M |

| F.A.R CALCULATION ON GROUND FLOOR | |
|---|---|
| ADDITION | |
| TOTAL GROUND COVERAGE (Total 1-2-4) | 1011.8 |
| TOTAL (1) | 1011.8 |
| DEDUCTION | |
| TOTAL (2) | 0 |
| TOTAL NON-F.A.R AREA (3-4) | 1011.8 |
| STILT PARKING ECS PERMISSIBLE | 1011.8 SQ.M 25 % OF 1011.8 |
| | 252.95 |
| | SAY 252.95 |
| ECS PROVIDED ON TOWER 12&12A | 0 |
| ECS PROVIDED IN TOWER 10&11A | 252.95 |
| TOTAL ECS PROVIDED | 252.95 |
| TAKEN ECS ON PROVIDED 100mm LEAKAGE | 100 MM |

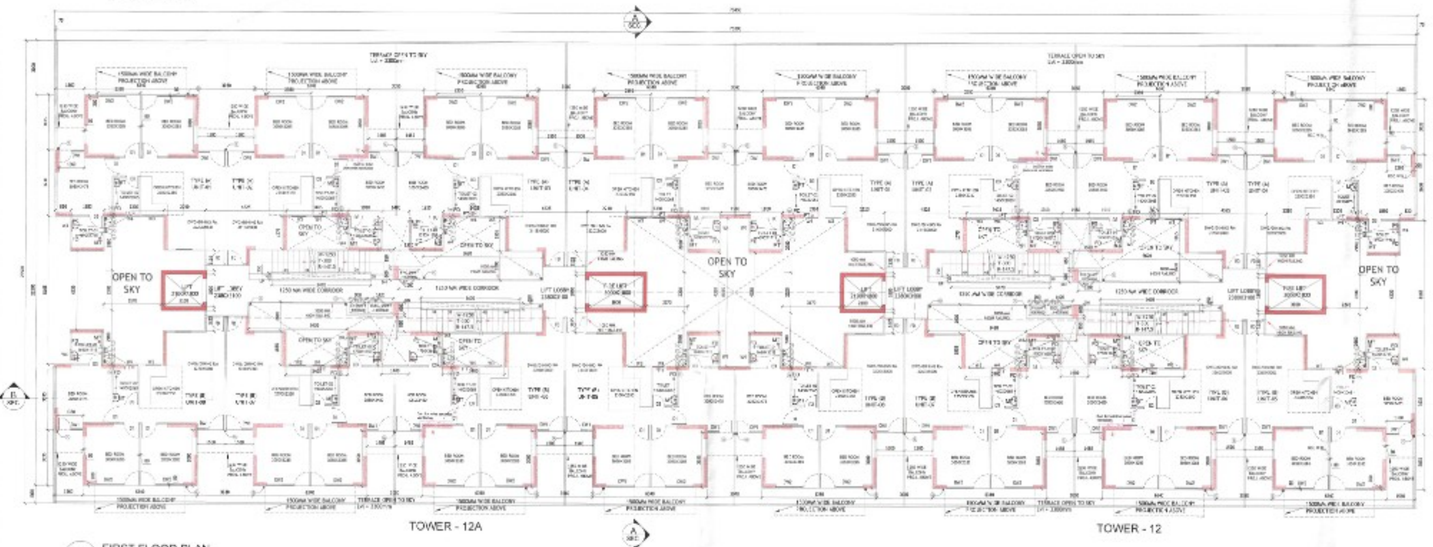
NOTES
1. Dimensions are not to be scaled.
2. All dimensions are in mm.
3. All windows and ventilators are openable.
4. Lift well are mechanically Pressurized.
5. Fire services install as per NBC.
6. 100% power backup for emergency services.



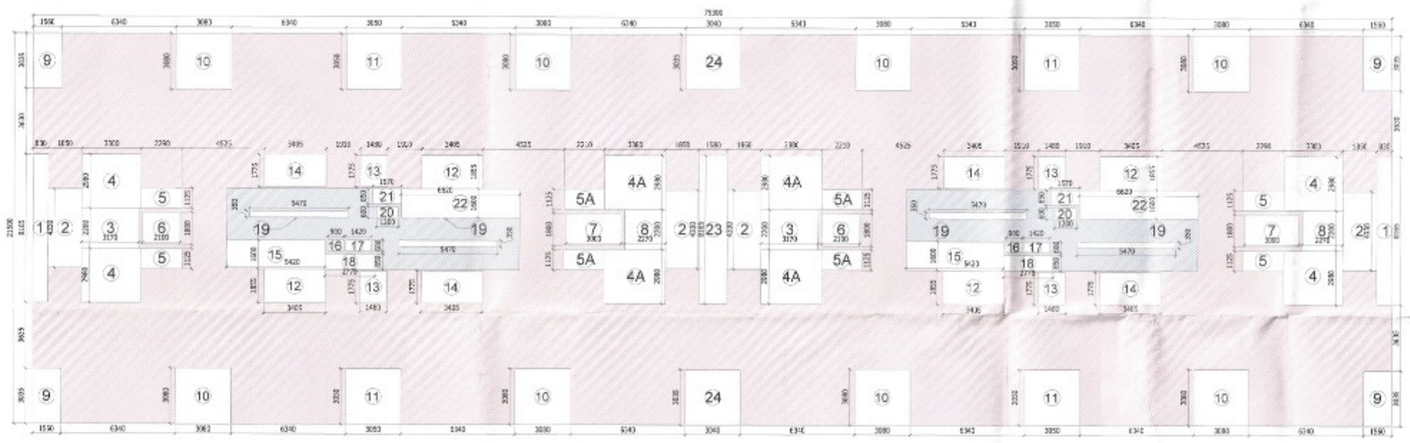
TYPICAL FLOOR PLAN ( 2nd. to 14th.)
TOWER 12&12A



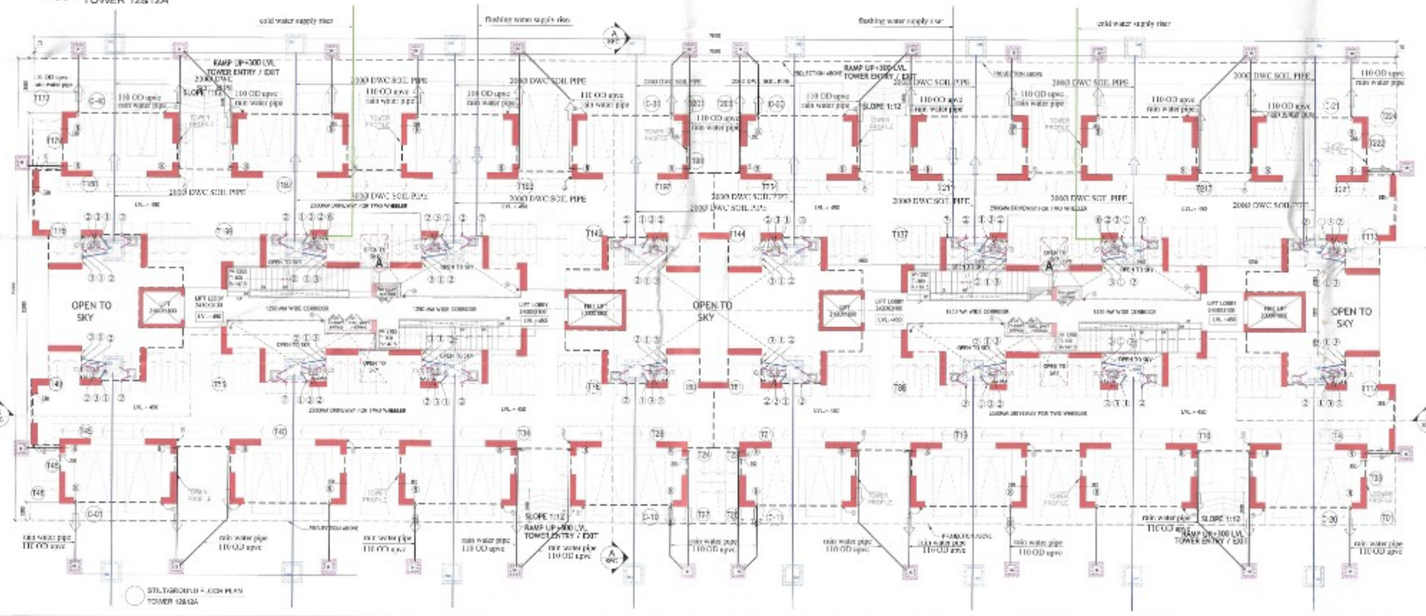
TERRACE FLOOR PLAN
TOWER 12&12A



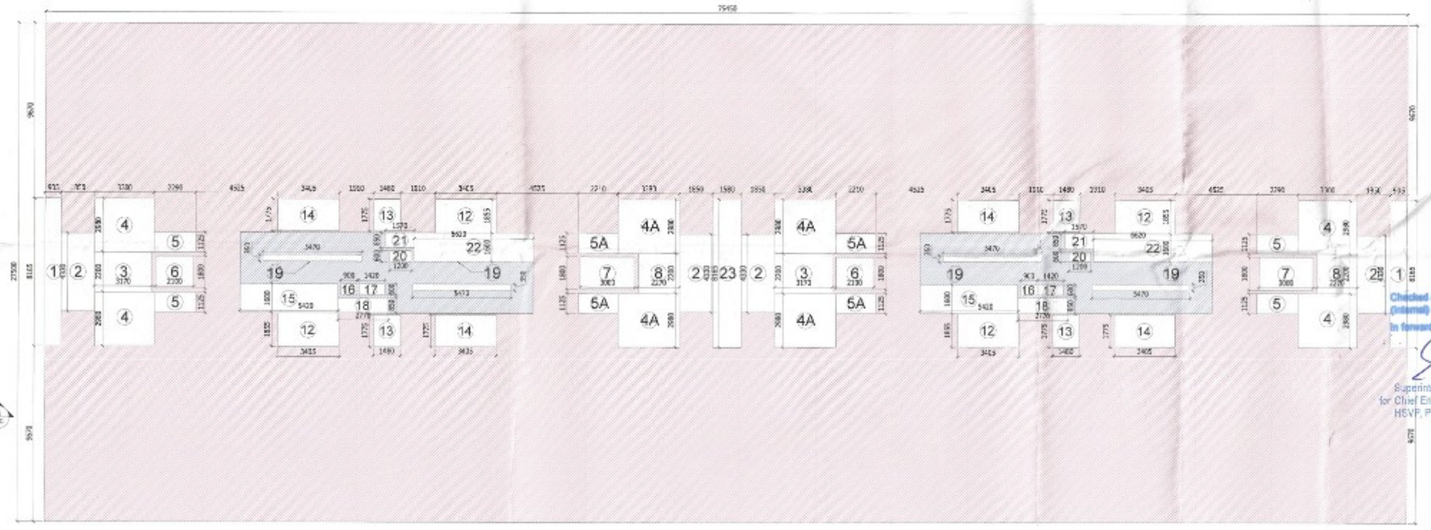
FIRST FLOOR PLAN
TOWER 12&12A



AREA DIAGRAM TYPICAL FLOOR PLAN (1st. to 14th. )
TOWER 12&12A FAR AREA



STILT/GROUND FLOOR PLAN
TOWER 12&12A



AREA DIAGRAM STILT/GROUND FLOOR PLAN
TOWER 12&12A NON-FAR AREA

ALL RCC SHEAR WALL AT STILT LEVEL IS 210MM
ALL RCC SHEAR WALL AT 1ST TO 14TH FLOOR LEVEL IS 200MM
ALL EXTERNAL & INTERNAL PARTITION RBC WALL AT 1ST TO 14TH FLOOR LEVEL IS 150MM

S.T.P.(HQ) 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) — JD. — PA. — A.T.P. — ATP(HQ) — Ram Avtar Rasai JD(HQ) — CVT (T) MEMBER BPAC

SANCTIONED
TO BE READ WITH THIS OFFICE MEMO NO.:
DATED :

key plan

Owner's Sign&Stamp

For ROF Infratech and Housing Pvt. Ltd.
Authorised Signatory

Architect's Sign&Stamp

JYOTI PRAKASH SHARMA
CA/2008/43101

Architects :

JPS DESIGN STUDIO

Electrical, Plumbing, HVAC & Fire Fighting

BEHERA ASSOCIATES PVT LTD
F-623a, LADO SARAI
BEHIND CNG FILLING STATION
NEW DELHI - 110030
EMAIL-behera.associates@gmail.com

Checked and found ok for Public Health (Internal) Service only subject to remarks in forwarding letter No. 2200 dated 25/12/24
Superintending Engineer for Chief Engineer-I HSVP, Panchkula

Project Title :
PROPOSED BUILDING PLAN OF AFFORDABLE GROUP HOUSING COLONY OVER AN AREA MEASURING 11.11875 ACRE (LICENCE NO. 182 OF 2024 DATED 10/12/2024 IN SECTOR 07 , SOHNA , BEING DEVELOPED BY ROF INFRATECH & HOUSING PVT. LTD.

Drawing Title :
TOWER- 12&12A FLOOR PLANS AND AREA DIAGRAM AND AREA CALCULATION

| | | |
|---|---|---|
| Scale : | 1:125 | Rev : |
| Date : | 27.12.2024 | Drawing No : |
| Drawn By : | Piyush Sharma | SD/AH/08 |
| Checked By : | J P SHARMA | |
| Sheet Size : | A0 841x1189mm | Drawing Status : Submission Drawing |