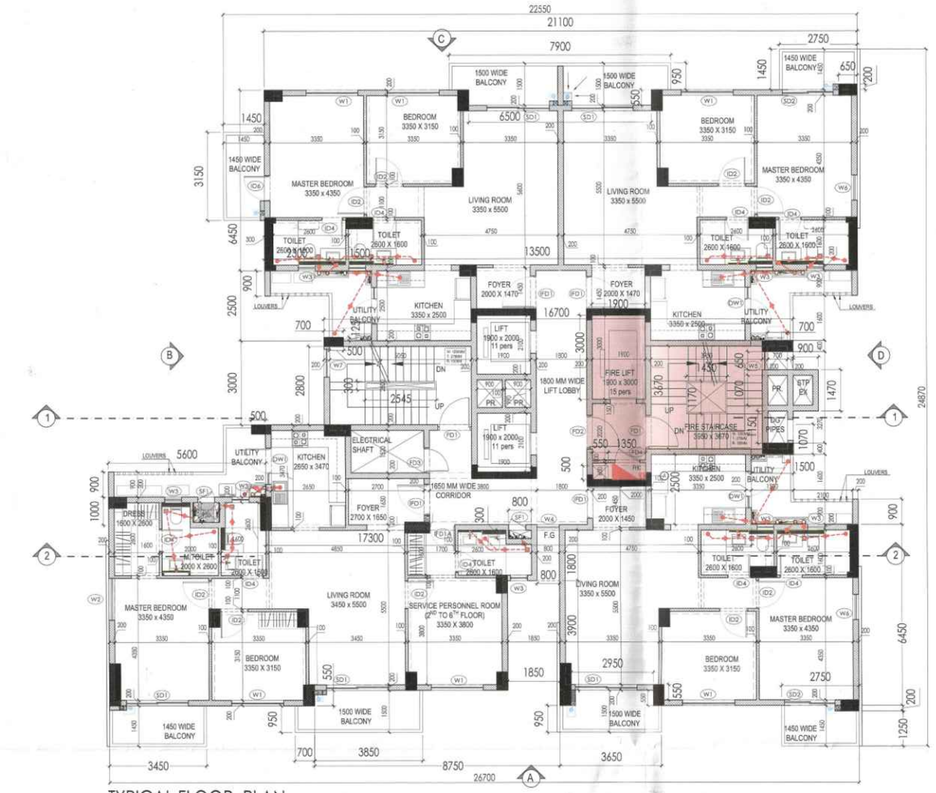
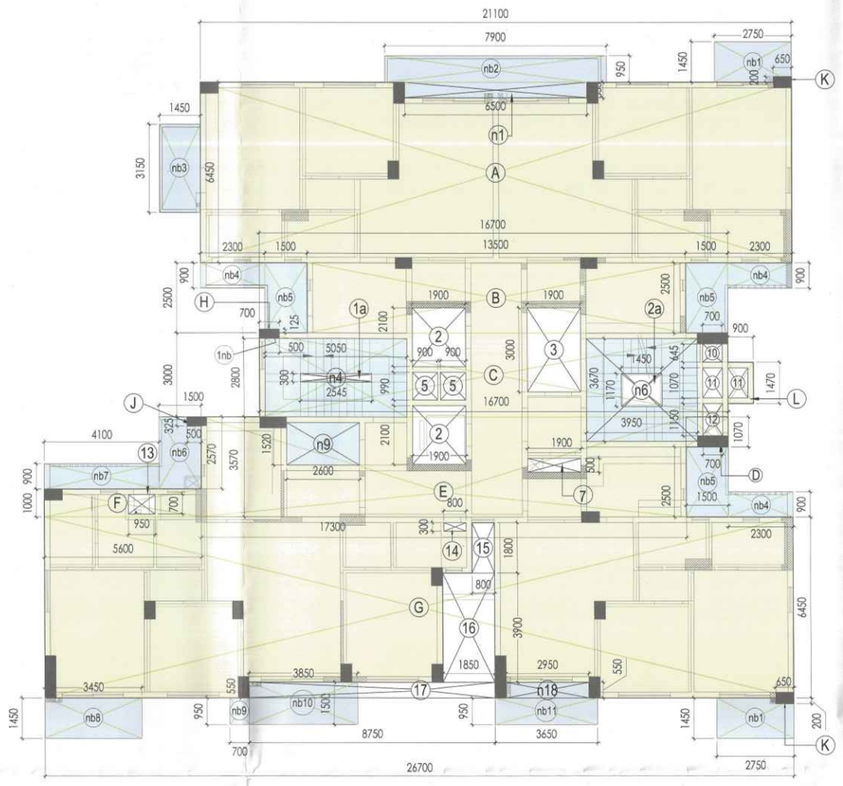
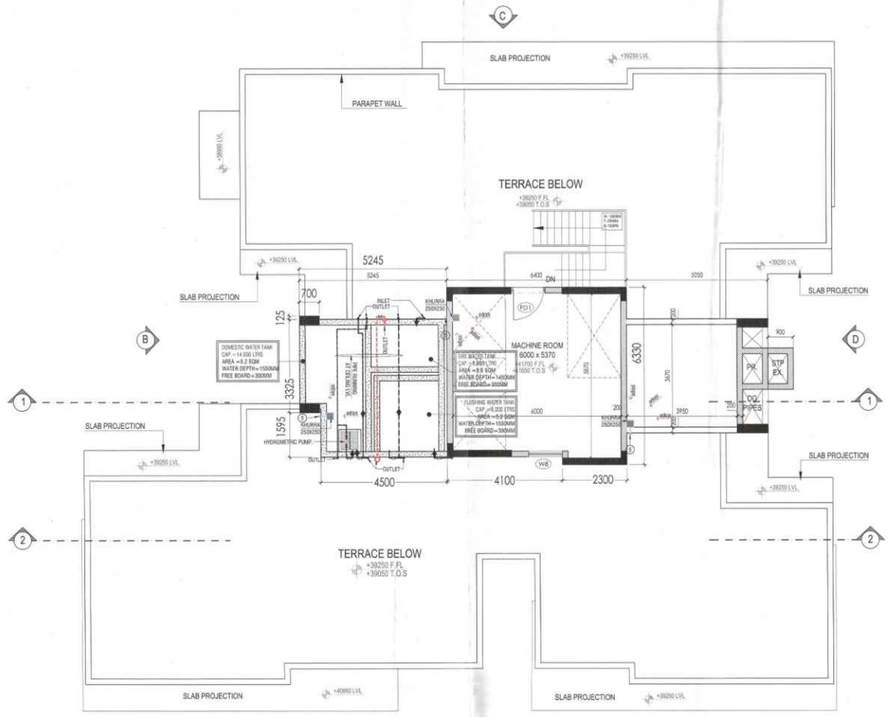


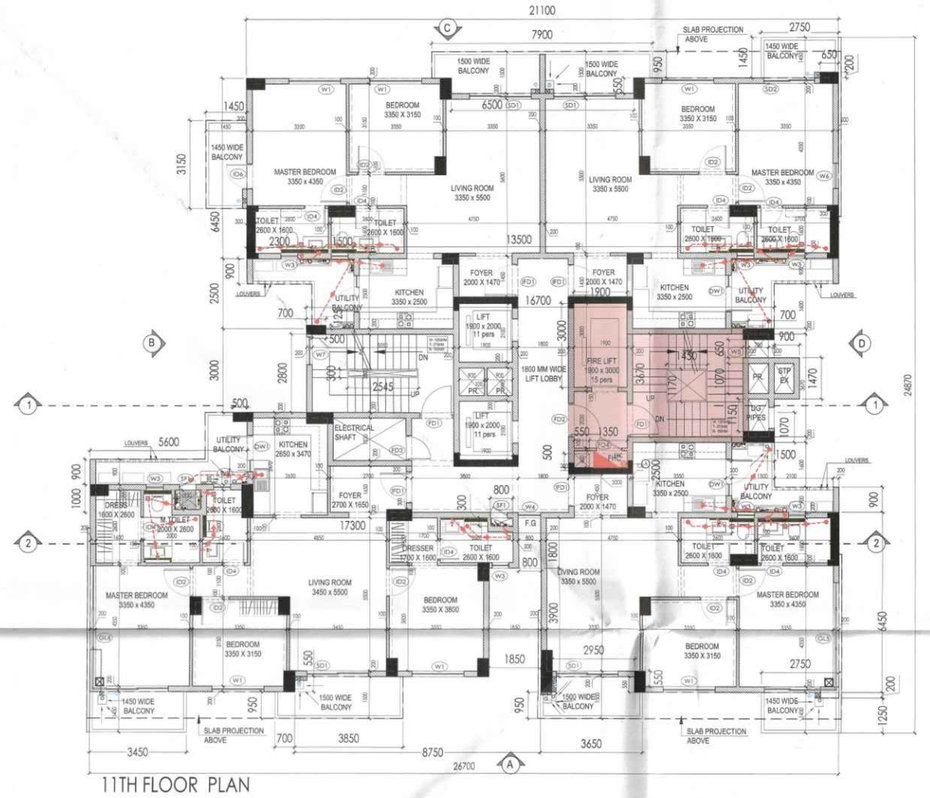
TYPICAL FLOOR PLAN
(2nd to 10th floor level)



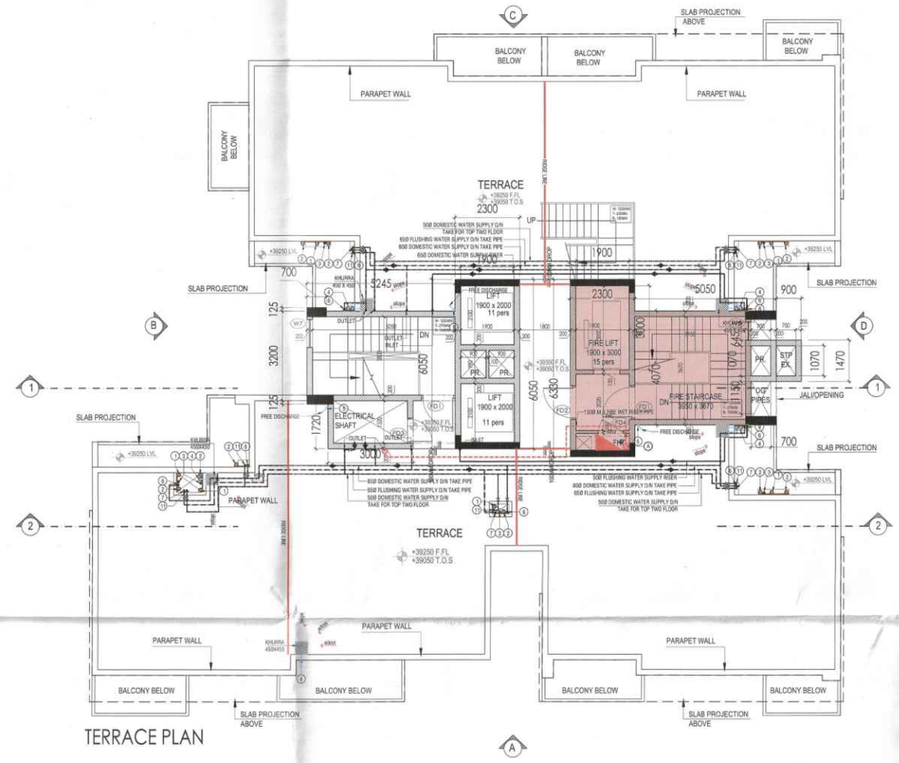
AREA DIAGRAM FOR TYPICAL FLOOR PLAN (1ST-11TH FLOOR) TOWER - T1
SCALE 1:100



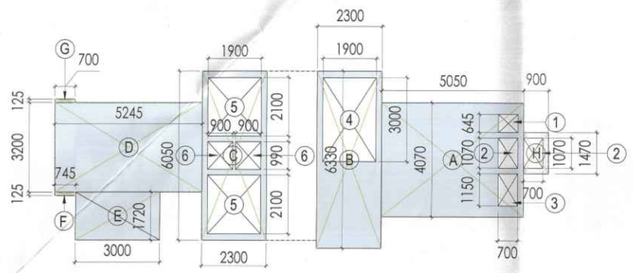
MACHINE ROOM LEVEL PLAN



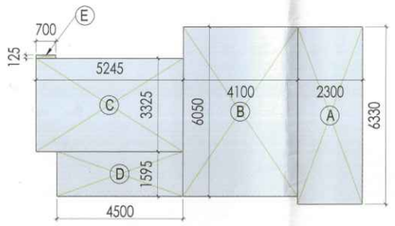
11TH FLOOR PLAN



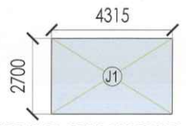
TERRACE PLAN



AREA DIAGRAM FOR NON FAR AT TERRACE LEVEL - MUMTY AND SERVICES
TOWER - T1
SCALE 1:100



AREA DIAGRAM FOR NON FAR OF - MACHINE RM AND OH WATER TANKS
TOWER - T1
SCALE 1:100



NON FAR AREA DIAGRAM
STAIRCASE MUMTY AT FIRST FLOOR LEVEL
SCALE 1:100

FAR AREA - TOWER 1 (FLOOR 1st to 11th)				
NO.	LENGTH (meters)	BREADTH (meters)	Nos.	AREA (Sq M)
ADDITIONS				
A	21.100	6.450	1	136.095
B	13.500	2.500	1	33.750
C	16.700	3.000	1	50.100
D	1.500	1.070	1	1.605
E	17.300	3.570	1	61.761
F	5.600	1.000	1	5.600
G	26.700	6.450	1	172.215
H	0.700	0.125	1	0.088
J	0.500	0.325	1	0.163
K	0.650	0.200	2	0.260
L	0.900	1.470	1	1.323
TOTAL ADDITIONS				**462.959**
SUBTRACTION				
n1	6.500	0.550	1	3.575
2	3.900	2.100	2	7.980
3	1.900	3.000	1	5.700
n4	5.050	2.800	1	14.140
5	0.900	0.990	2	1.782
n6	3.950	3.670	1	14.497
7	1.350	0.600	1	0.810
n9	2.600	1.520	1	3.952
10	0.700	0.645	1	0.452
11	0.700	1.070	2	1.498
12	0.700	1.250	1	0.875
13	0.950	0.700	1	0.665
14	0.800	0.300	1	0.240
15	0.800	1.800	1	1.440
16	1.850	3.900	1	7.215
17	8.750	0.550	1	4.813
n18	2.950	0.550	1	1.623
TOTAL SUBTRACTIONS				**71.255**
TOTAL FAR FOR TYPICAL FLOORS (1st to 11th)				**391.704**

FAR CALCULATIONS - TOWER T1	
FAR (For One Building)	**AREA IN SqM**
PROPOSED COVERED AREA ON GROUND FLOOR	323.996
PROPOSED COVERED AREA ON FIRST FLOOR	391.704
PROPOSED COVERED AREA ON SECOND FLOOR	391.704
PROPOSED COVERED AREA ON THIRD FLOOR	391.704
PROPOSED COVERED AREA ON FOURTH FLOOR	391.704
PROPOSED COVERED AREA ON FIFTH FLOOR	391.704
PROPOSED COVERED AREA ON SIXTH FLOOR	391.704
PROPOSED COVERED AREA ON SEVENTH FLOOR	391.704
PROPOSED COVERED AREA ON EIGHTH FLOOR	391.704
PROPOSED COVERED AREA ON NINTH FLOOR	391.704
PROPOSED COVERED AREA ON TENTH FLOOR	391.704
PROPOSED COVERED AREA ON ELEVENTH FLOOR	391.704
TOTAL COVERED AREA OF ALL FLOORS	**4632.740**

NON FAR CALCULATIONS - TOWER T1	
NON FAR (For One Building)	**AREA IN SqM**
PROPOSED COVERED NON FAR AREA ON GROUND FLOOR	853.258
PROPOSED COVERED NON FAR AREA ON 1st Floor (Fire escape staircase + balconies)	94.804
PROPOSED COVERED NON FAR AREA ON 2nd Floor (Fire escape staircase + Balconies)	94.804
PROPOSED COVERED NON FAR AREA ON 3rd Floor (Fire escape staircase + Balconies)	94.804
PROPOSED COVERED NON FAR AREA ON 4th Floor (Fire escape staircase + Balconies)	94.804
PROPOSED COVERED NON FAR AREA ON 5th Floor (Fire escape staircase + Balconies)	94.804
PROPOSED COVERED NON FAR AREA ON 6th Floor (Fire escape staircase + Balconies)	94.804
PROPOSED COVERED NON FAR AREA ON 7th Floor (Fire escape staircase + Balconies)	94.804
PROPOSED COVERED NON FAR AREA ON 8th Floor (Fire escape staircase + Balconies)	94.804
PROPOSED COVERED NON FAR AREA ON 9th Floor (Fire escape staircase + Balconies)	94.804
PROPOSED COVERED NON FAR AREA ON 10th Floor (Fire escape staircase + Balconies)	94.804
PROPOSED COVERED NON FAR AREA ON 11th Floor (Fire escape staircase + Balconies)	94.804
PROPOSED COVERED NON FAR AREA - MUMTY and SERVICES	65.909
PROPOSED COVERED NON FAR AREA - MACHINE RM and OVER HEAD WATER TANKS	64.069
TOTAL COVERED NON FAR AREA OF ALL FLOORS	**1526.074**

Non FAR - Balconies TOWER 1 (FLOOR 1st to 11th)				
NO.	LENGTH (meters)	BREADTH (meters)	Nos.	AREA (Sq M)
ADDITIONS				
nb1	2.750	1.450	2	7.975
nb2	7.900	0.950	1	7.505
n1	6.500	0.550	1	3.575
nb3	1.450	3.150	1	4.568
nb4	2.300	0.900	3	6.210
nb5	1.500	2.500	3	11.250
nb6	1.500	2.570	1	3.855
nb7	4.100	0.900	1	3.690
nb8	3.450	3.450	1	5.003
nb9	0.700	0.950	1	0.665
nb10	3.850	1.500	1	5.775
nb11	3.650	0.950	1	3.468
n18	2.950	0.550	1	1.623
TOTAL ADDITIONS				**65.160**
SUBTRACTION				
1nb	0.500	0.125	1	0.063
J	0.500	0.325	1	0.163
K	0.650	0.200	2	0.260
TOTAL SUBTRACTIONS				**0.485**
TOTAL Non FAR - BALCONIES Area- TOWER 1 (1ST TO 11TH FLOOR)				**64.675**

Non FAR - MUMTY and SERVICES- TOWER 1 (TERRACE LEVEL)				
NO.	LENGTH (meters)	BREADTH (meters)	Nos.	AREA (Sq M)
ADDITIONS				
A	5.050	4.070	1	20.554
B	2.300	6.330	1	14.559
C	2.300	6.050	1	13.915
D	5.245	3.200	1	16.784
E	3.000	1.720	1	5.160
F	0.745	0.125	1	0.093
G	0.700	0.125	1	0.088
H	0.900	1.470	1	1.323
J1	4.315	2.700	1	11.651
TOTAL ADDITIONS				**84.126**
SUBTRACTION				
1	0.700	0.645	1	0.452
2	0.700	1.070	2	1.498
3	0.700	1.150	1	0.805
4	1.900	3.000	1	5.700
5	1.900	2.100	2	7.980
6	0.900	0.990	2	1.782
TOTAL SUBTRACTIONS				**18.217**
TOTAL Non FAR - MUMTY and SERVICES- TOWER 1 (TERRACE LEVEL)				**65.909**

Non FAR - MACHINE RM and O H Water Tank- TOWER 1				
NO.	LENGTH (meters)	BREADTH (meters)	Nos.	AREA (Sq M)
ADDITIONS				
A	2.300	6.330	1	14.559
B	4.100	6.050	1	24.805
C	5.245	3.325	1	17.440
D	4.500	1.595	1	7.178
E	0.700	0.125	1	0.088
TOTAL ADDITIONS				**64.069**
TOTAL Non FAR - MACHINE RM and O H Water Tank- TOWER 1				**64.069**

PLUMBING IMPORTANT NOTES:-

1. ALL HORIZONTAL SOIL AND WASTE PIPES SHALL BE LAID TO A SLOPE NOT FLATTER THAN 1:70 AND NOT STEEPER THAN 1:10 UNLESS SPECIFIED OTHERWISE.
2. WATER INLETS AND WASTE OUTLETS FROM SANITARY WARE SHALL BE ARRANGED TO SUIT REQUIREMENTS OF SELECTED MAKES AND MODELS.
3. 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.

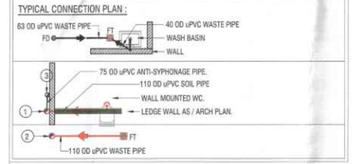
PLUMBING NOTES:

1. WASH BASIN TO FLOOR TRAP (FT) 40 OD uPVC PIPE.
2. KITCHEN SINK TO FLOOR TRAP (FT) uPVC FLEXIBLE PIPE.
3. FLOOR DRAIN (FD) TO FLOOR TRAP (FT) 110 OD uPVC WASTE PIPE.
4. 110 OD uPVC PIPE USED FOR SOIL & WASTE.
5. 110 OD uPVC PIPE USED FOR TERRACE RAIN WATER
6. 90 OD uPVC PIPE USED FOR BALCONY.

SCHEDULE OF LEGEND :

SYMBOL	DESCRIPTION
1	110 OD uPVC SOIL & VENT PIPE
2	110 OD uPVC WASTE & VENT PIPE
2a	90 OD uPVC WASTE & VENT PIPE FOR UTILITY BALCONY
3	75 OD uPVC ANTI-SYPHONAGE PIPE
4	110 OD uPVC TERRACE RAIN WATER PIPE
5	90 OD uPVC BALCONY / CORRIDOR RAIN WATER PIPE
6	DOMESTIC WATER SUPPLY D/N TAKE PIPE *
7	FLUSHING WATER SUPPLY D/N TAKE PIPE *
8	DOMESTIC WATER SUPPLY RISER *
9	FLUSHING WATER SUPPLY RISER *
10	HYDRO-PNEUMATIC DOMESTIC WATER SUPPLY D/N TAKE PIPE FOR TOP 4 FLOORS *
FT	FLOOR TRAP (110 x 110) MM, WATER SEAL : 50 MM OUTLOUT SIZE IN SLAB =150 x 150 MM
MT	MULTI TRAP (110 x 75) MM
FD	FLOOR DRAIN (110 x 110) MM
BD	BALCONY DRAIN (110 x 63) MM

TYPICAL CONNECTION PLAN :



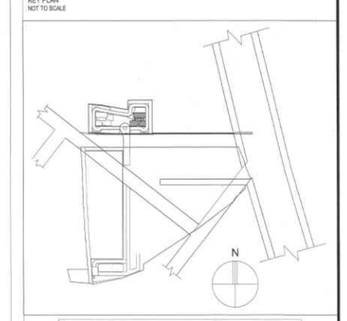
PLUMBING SHAFT LEGEND :

	BRANCH STORM WATER MANHOLE (600 x 600) MM
	BRANCH SEWER MANHOLE (600 x 800) MM
GRT	GULLY TRAP (300 x 300) MM

NOTES

1. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. ALL BASEMENT AREAS SHALL BE MECHANICALLY LIT AND VENTILATED WITH 100% POWER BACK-UP
3. GATE AND BOUNDARY WALL SHALL BE AS PER STANDARD DESIGN.
4. THE PROVISION OF SOLAR WATER HEATING SYSTEM TO BE AS PER NORMS SPECIFIED BY HAREDA, AND MADE OPERATIONAL BEFORE APPLYING FOR OCCUPANCY CERTIFICATE.
5. RAIN WATER HARVESTING SYSTEM SHALL BE AS PER CENTRAL GROUND WATER AUTHORITY NORMS/ HARYANA GOVT.
6. FIRE FIGHTING PROVISIONS INCLUDING FIRE SPRINKLERS SHALL BE AS PER NBC GUIDELINES.

KEY PLAN
NOT TO SCALE



DOOR WINDOW SCHEDULE-TOWER1					
S.No.	LEGEND	WIDTH D/W	CILL LEVEL	LINTEL LEVEL	HEIGHT OF OPENING
1	ID1	1150	0	2450	2450
2	ID1A	900	0	2450	2450
3	ID2	1000	0	2150	2150
4	ID3	900	0	2150	2150
5	ID4	800	0	2150	2150
6	ID5	750	0	2150	2150
7	ID6	900	0	2450	2450
8	SD1	2200	0	2450 / B.O.B	2450
9	SD2	1800	0	2450 / B.O.B	2450
10	W1	1850	550	2450 / B.O.B	1900
11	W2	1500	0	2450 / B.O.B	2450
12	W3	600	1050	2450 / B.O.B	1400
13	W4	800	1050	2450 / B.O.B	1400
14	W5	650	AS/STAIRCASE DETAIL		
15	W6	900	550	2450 / B.O.B	1900
16	W7	1000	1050	2450 / B.O.B	1400
17	W8	1200	1050	2450 / B.O.B	1400
18	V	600	2700	3300	600
19	DW1	1300 + 900/400	0/1050	0/2450	2450/1400
20	D1	1200	0	2450	2450
21	D2	1050	0	2450	2450
22	D3	1100	0	2150	2150
23	D4	800	0	2150	2150
24	D5	750	0	2150	2150
25	FD1	1200	0	2150	2150
26	FD2	1200	0	2150	2150
27	FD3	900	0	2150	2150
28	FD4	900	100	2150	2050
29	SF1	650	100	2450	2350
30	GL1	2300 + 7700	0	3600	3600
31	GL2	4100 +9870 + 8100	0	3600	3600
32	GL3	1800	0	3600	3600
33	GL4	1900	0	3600	3600
34	GL5	3950+2650 + 6600	0	2800	2800
35	GL6	4320+2800 + 7350	0	4300	4300

NOTE : THE MENTIONED DOORS / WINDOWS ARE 2 HOURS FIRE RATING FD1, FD2, FD3, IFD1, IFD1A, SF1, W5, W7

DOOR WINDOW SCHEDULE-SERVICE AREA					
S.No.	LEGEND	WIDTH D/W	CILL LEVEL	LINTEL LEVEL	HEIGHT OF OPENING
1	D1	1500	0	2150	2150
2	D2	1000	0	2150	2150
3	RS1	3000	0	2150	2150
4	RS2	3800	0	2150	2150

SUBMISSION DRAWING

Client :

Sh. Ajit Singh And Other In Collaboration With EMAAR INDIA LTD (Formerly known as EMAAR MGF Land Ltd.)

Job Title :

Proposed Building Plans for Housing Group Colony Measuring 10.744 acres Land (Licence no. 4 of 2013 dated 18-02-2013 in Sector 112, Gurgaon, Manesar, Urban Complex, Gurgaon, Haryana, being developed by Sh. Ajit Singh and Others in Collaboration with EMAAR MGF LAND LTD.

Architects:

Arcop Associates Pvt. Ltd.
Plot- 36b, Sec-32, Gurgaon-122001
Ph.: +91-124-4595500 FAX: +91-124-4595550

Structure:

TPC Technical Projects Consultants Pvt. Ltd.
B-74 | Sector 57 | Noida 201301 | Uttar Pradesh | India
T: +91-120-4306800 | D: +91-120-4306804 | www. tpc.in

MEP:

Paradise Consultants
Plot No. 16, Basement, Jasola Vihar, New Delhi 110026
T: +91-11-29943601 | T: +91-11-26943216
E-mail: paradiseconsultants@gmail.com

Owners' Signature

Architect's Signature

Drawing Title

TOWER 1- TYPICAL,11TH, TERRACE & ROOF PLAN & AREA DIAGRAMS

Date	Scale	Drawing No.
01-11-2023	1:100	A-201

Checked and found ok for Public Health (Internal) Services only subject to comments in in forwarding letter No. 23HSH Dt. 26/11/23

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

DTP (HQ)

Consultant Architect

ATP(HQ)

S.T.P. (HQ) Member Secretary B.P.A.C.

S.T.P. (I) Member B.P.A.C.

C.T.P. (HQ) Chairman B.P.A.C.

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

For toilet details ref. dwg. no. A305, A306

Varinder Kumar AD(HQ)