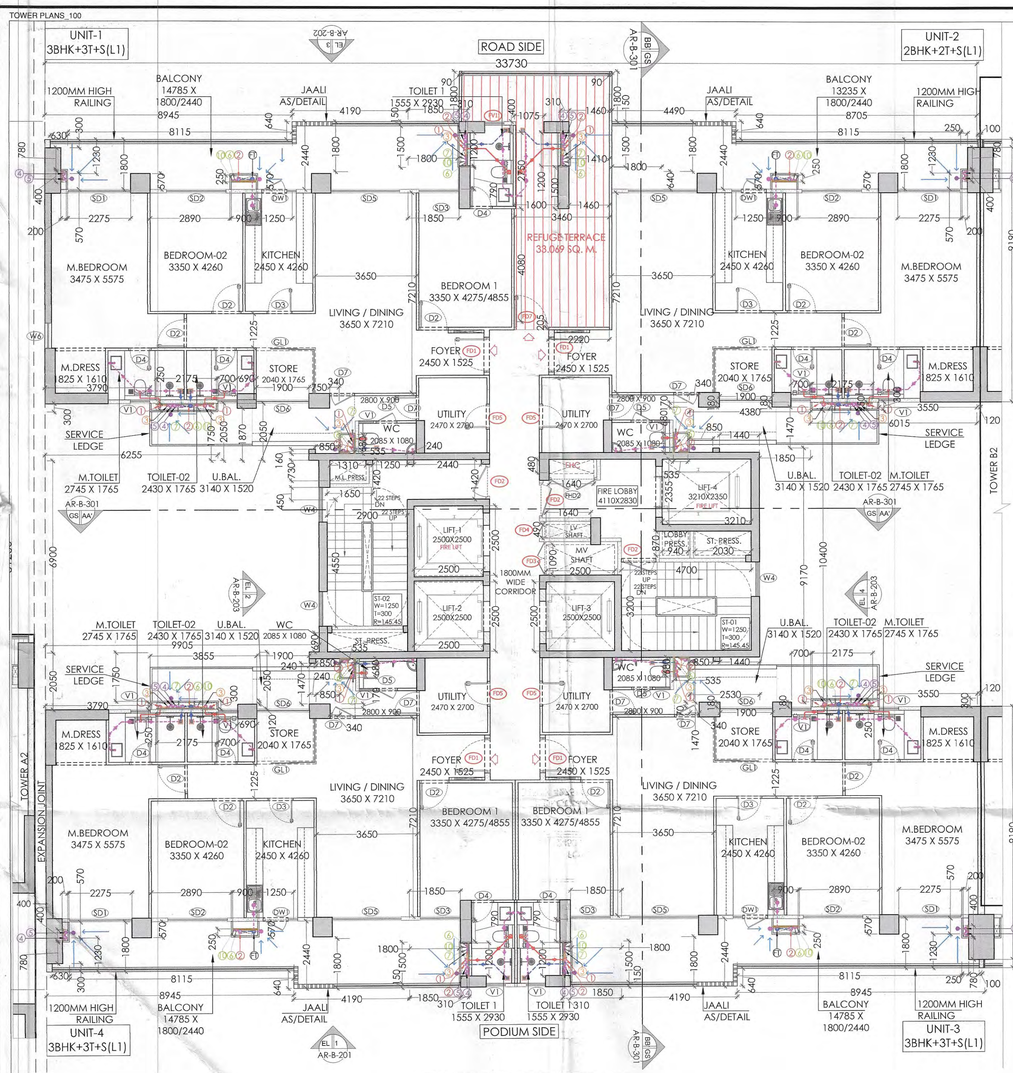
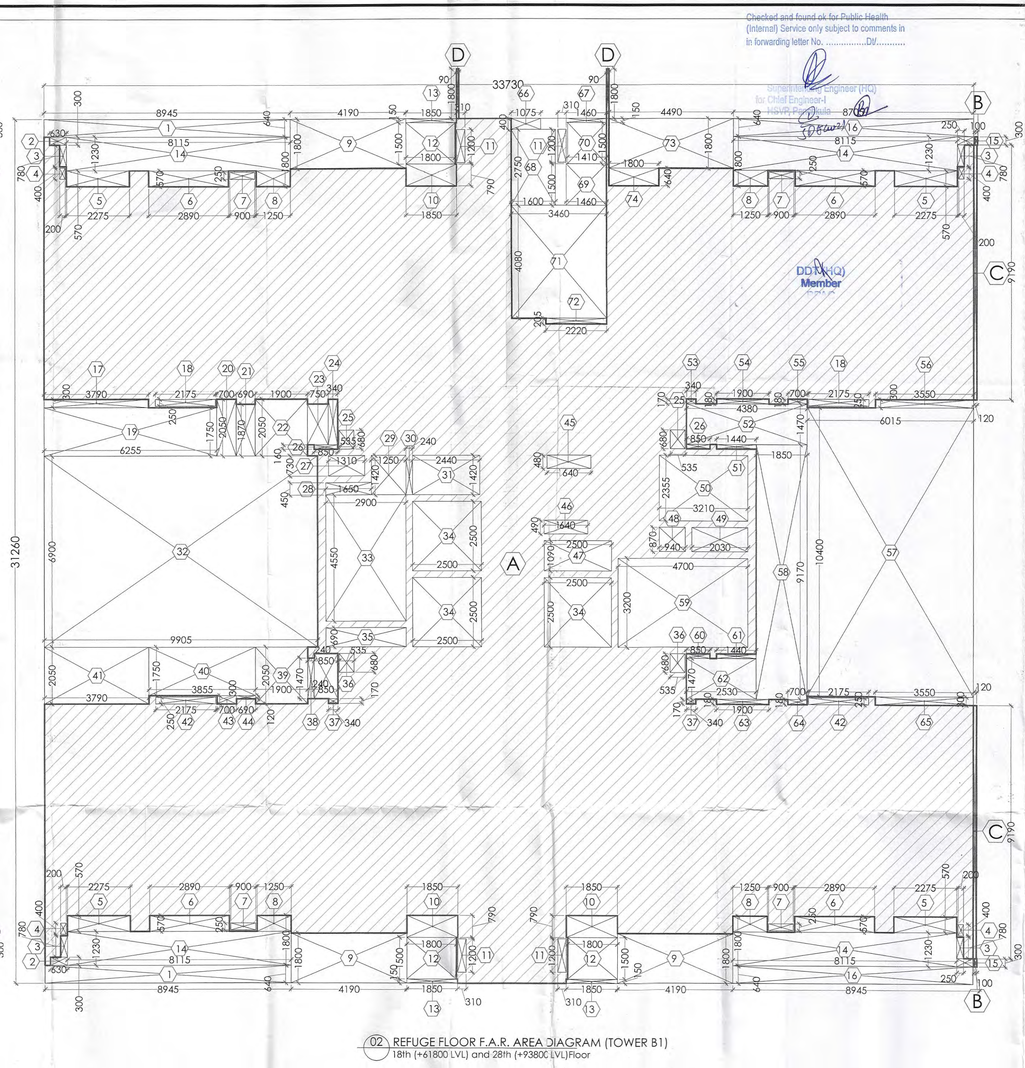
TOWER PLANS_100



01 REFUGE FLOOR PLAN (TOWER B1)
18th (+61800 LVL) and 28th (+93800 LVL)Floor



02 REFUGE FLOOR F.A.R. AREA DIAGRAM (TOWER B1)
18th (+61800 LVL) and 28th (+93800 LVL)Floor

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

Superintending Engineer (HQ) for Chief Engineer-I MSWP, Phase-II

KEY PLAN

NOTES

DOOR/ WINDOW SCHEDULE (TOWERS)

S. NO.	DOOR TAGS	WIDTH	LINTEL	CILL	LOCATION	FIRE RATINGS
		DOORS				
1	D2	1050	2400	0	Bedroom	
2	D3	900	2400	0	Kitchen/Study /S. Room	
3	D4	800	2400	0	Toilet	
4	D6	1200	2400	0	GF - 1Toilet	
5	D8	750	2400	0	S. Toilet	
6	D9	1250	2400	0	GF & Terrace-Staircase	
7	GD1	1800	2400	0	GF Lobby entry from stilt	
		EXTERNAL DOORS				
8	SD1	2250	2400	0	M. Bedroom	
9	SD2	2150	2400	0	Bedroom 2	
10	SD3	1450	2400	0	Bedroom 1	
11	SD3a	1300	2400	0	Bedroom 1	
12	SD4	2750	2400	0	Living/Dining	
13	SD5	2590	2400	0	Living/Dining	
14	SD6	1900	2400	0	Study	
15	SD7	4740	2400	0	Living/Dining	
16	D5	750	2400	0	Servant Toilet	
17	D7	900	2400	0	Kitchen/S. Room	
18	DW1	900/350	2400	0/1200	Kitchen	
19	DW2	900/310	2400	0/1200	S. Room/Study	
20	DW3	1200/1380	2400	0/1200	Machine Room	
		WINDOWS				
21	V1	700	2400	1200	Toilet	
22	V2	600	2400	1200	Toilet	
23	W4	1250	2400	1200	Staircase	
24	W5	600	2200	1200	Staircase	
25	W6	900	2400	1200	M. Bedroom	
26	GL1	2140/1635	2400	0	Study	
27	GL2	1190/1760/1190	5900	0	GF Lobby	
28	GL3	6215	5900	0	GF Lobby	
29	GL4	6215	5900	0	GF Lobby	
30	GL5	1090/11565/2565	2100	0	Podium Lobby	
31	GL6	4690/2000/2000	5900	0	GF Lobby	
32	GL7	7210	5900	0	GF Lobby	
33	GL8	7210	5900	0	GF Lobby	
34	GL9	1050/1210	5900	0	GF Lobby	
35	GL10	1000/7100/410	5150	0	Podium Lobby	
36	GL11	2375/7100/1155	5150	0	Podium Lobby	
37	GL12	5075	5900	0	GF Lobby	
38	GL13	1450/1985/3840	5900	0	GF Lobby	
39	GL14	1440	5900	0	GF Lobby	
40	GL15	2500	5900	0	GF Lobby	
41	GL16	1500	5150	0	Podium Lobby	
42	GL17	2800	5150	0	Podium Lobby	
43	GL18	6190	5150	0	Podium Lobby	
44	GL19	5345	2400	0	GF Lobby	
45	GL20	1590	2400	0	GF Lobby	
46	GL21	3640/1620	2400	0	Study/S.Room	
47	GL22	3885/1910	2400	0	Study/S.Room	
48	GL23	1090/11565/2565	2500	0	GF Lobby	
49	GL24	3240	3300	0	GF Lobby	
50	GL25	1735/9685/1735	5150	0	Podium Lobby	
51	GL26	1725/2670	2900	0	GF Lobby	
52	GL27	900	9100	0	GF Lobby	
53	GL28	1800	9100	0	GF Lobby	
		FIRE DOORS AND VENTILATOR				
54	FD1	1250	2400	0	Entrance Door	1hr
55	FD2	1250	2400	0	Staircase/Fire Lobby	2hrs
56	FD3	1200	2400	100	M.V Shaft	2hrs
57	FD4	600	2400	100	LV Shaft	2hrs
58	FD5	900	2400	0	Utility	1hr
59	FD6	900	2400	100	M.V Shaft	2hrs
60	FD7	1250	2400	0	Terrace-Electrical room	2hrs
61	FD8	1250	2300	0	Staircase/Fire Lobby	2hrs
62	FD9	1200	2400	0	Fire Control Room	2hrs
63	FV1	700	2400	1200	Toilet	2hrs
64	FHD1	900	2400	100	RHC Shaft	
65	FHD2	1750	2400	100	RHC Shaft	

CLIENTS

PURI CONSTRUCTION PVT. LTD.
4-7B, GROUND FLOOR, TOLSTOY HOUSE
TOLSTOY MARG, NEW DELHI-110001

STRUCTURES

TPC
Technical Projects Consultants Pvt. Ltd.
B-74 | Sector 57 | Noida 201301 | Uttar Pradesh | India
T: +91-120-4306800 | D: +91-120-4306806 |
M: +91-9910285917
www.tpconsultants.co.in

ARCHITECT'S

Arcop Associates Pvt. Ltd.
Plot- 368, Sec-32, Gurgaon-122001
Ph.: 26242050, 22241128
Montreal, Toronto, New-Delhi, Boston

PROJECT

Building plan of Phase-B, Under (TOD and TDR) policy area measuring 5.56175 Acres License no 87 of 2012 dated 29-08-2012 (4.268 Acres) & License no 33 of 2013 dated 25-05-2013 (1.29375 Acres) part of 21.01875 Acres License No. 55 of 2010 dated 25-07-2010 (15.457 Acres), License no 87 of 2012 dated 29-08-2012 (4.268 Acres) & License no 33 of 2013 dated 25-05-2013 (1.29375 Acres) in Sector-110A & 111, Gurugram being developed by M/s Puri Construction Pvt. Ltd

ARCHITECT'S SIGNATURE

PANKAJ SAXENA Council of Architecture Registration No. CA/2001/26841 REGISTERED ARCHITECT

OWNER'S SIGNATURE

For PURI CONSTRUCTION PVT. LTD.
Authorised Signatory

DRAWING TITLE
GROUP HOUSING COLONY [TOWER-B1]
REFUGE FLOOR PLAN & AREA CALCULATIONS

DRAWING NO.
AR-B1-105

CARPET AREA DIAGRAM(3BHK) TOWER- B1 REFUSE				
TYPE	WIDTH(MTS)	LENGTH(MTS)	NOS	AREA SQM
1	1.080	4.645	1.000	5.167
2	1.080	2.020	1.000	2.182
3	1.620	0.450	1.000	0.729
4	2.155	2.110	1.000	4.547
5	0.100	0.810	1.000	0.081
6	0.230	1.900	1.000	0.437
7	4.665	0.245	1.000	1.143
8	7.210	6.480	1.000	46.721
9	7.185	6.580	1.000	47.277
10	5.575	0.135	1.000	0.753
		Total		108.886

18TH & 28TH FLOOR REFUGE AREA:

GROSS AREA (TOWER B1) =658.833 SQ. M.

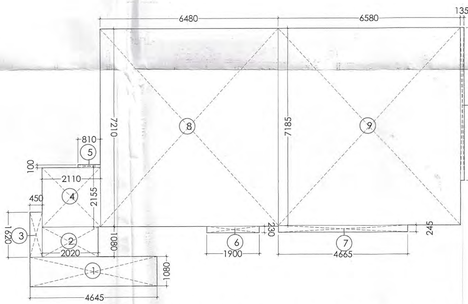
OCCUPANTS LOAD FACTOR (RESIDENTIAL) = 12.5 SQ. M./PERSON

NO. OF PERSONS
(GROSS AREA OF 2 FLOORS/ OCCUPANT LOAD) = (658.833X2)/12.5
= 105.410 ≈ 106

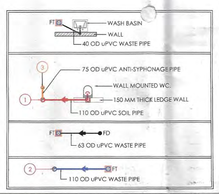
REQUIRED REFUGE AREA PER FLOOR
[NO. OF PERSONSX0.3 + 0.9 (FOR EVERY 200 PERSON)] = (106 X 0.3)+0.9
= 32.700 SQ. M.

TOTAL REFUGE AREA REQUIRED = (32.7 X 2 FLOORS PER TOWER) SQ. M.
= 65.400 SQ. M.

PROPOSED REFUGE AREA = (33.069 X 2 FLOORS PER TOWER) SQ. M.
= 66.138 SQ. M.



03 REFUGE FLOOR CARPET AREA DIAGRAM (TOWER B1)
SCALE - 1:100



PLUMBING NOTES:-	
1.	WASH BASIN TO FLOOR TRAP (FT) 40 OD uPVC PIPE.
2.	KITCHEN SINK TO FLOOR DRAIN (FD) 63 OD uPVC WASTE PIPE.
3.	FLOOR DRAIN (FD) TO FLOOR TRAP (FT) 63 OD uPVC WASTE PIPE.
4.	110 OD uPVC PIPE USED FOR SOIL & WASTE.
5.	110 OD uPVC PIPE USED FOR TERRACE RAIN WATER
6.	110 OD uPVC PIPE USED FOR BALCONY.

SCHEDULE OF PIPES :-

LEGEND	DESCRIPTION
1	110 OD uPVC SOIL PIPE & VENT PIPE
2	110 OD uPVC WASTE PIPE & VENT PIPE
2a	110 OD uPVC WASTE PIPE FOR KITCHEN & UTILITY BALCONY
3	75 OD uPVC ANTI-SYPHONAGE PIPE.
4	110 OD uPVC TERRACE RAIN WATER PIPE
5	110 OD uPVC BALCONY 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	DOMESTIC WATER SUPPLY D/N TAKE PIPE FOR TOP 4TH FLOOR
CO	CUTOUT IN SLAB =150 x 150 MM FOR WC
FT	FLOOR TRAP (110 x 110) MM, CUTOUT IN SLAB =150 x 150 MM
FD	FLOOR DRAIN (110 x 63) MM
BD	BALCONY DRAIN (110 x 63) MM

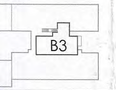
REFUGE FLOOR (F.A.R.) - TOWER B1				
S.NO.	WIDTH (M)	LENGTH(M)	NOS.	AREA (SqM)
ADDITIONS				
A	33.730	31.260	1	1054.400
B	0.100	0.300	2	0.060
C	0.120	9.190	2	2.206
D	1.800	0.090	2	0.324
		TOTAL ADDITIONS		1056.989
SUBTRACTIONS				
1	8.945	0.640	2	11.450
2	0.630	0.300	2	0.378
3	0.250	0.780	4	0.780
4	0.200	0.400	4	0.320
5	2.275	0.570	4	5.187
6	2.890	0.570	4	6.589
7	0.900	0.250	4	0.900
8	1.250	0.570	4	2.850
9	4.190	1.800	3	22.626
10	1.850	0.790	3	4.385
11	0.310	1.200	4	1.488
12	1.800	1.500	3	8.100
13	1.850	0.150	3	0.833
14	8.115	1.230	4	39.926
15	0.590	0.300	2	0.354
16	8.705	0.640	2	11.142
17	3.790	0.300	1	1.137
18	2.175	0.250	2	1.088
19	6.255	1.750	1	10.946
20	0.700	2.050	1	1.435
21	0.690	1.870	1	1.290
22	1.900	2.050	1	3.895
23	0.750	1.470	1	1.103
24	0.340	1.640	1	0.558
25	0.535	0.680	2	0.728
26	0.850	0.160	2	0.272
27	1.310	0.730	1	0.956
28	1.650	0.450	1	0.743
29	1.250	1.420	1	1.775
30	0.240	1.250	1	0.300
31	2.440	1.420	1	3.465
32	9.905	6.900	1	68.345
33	2.900	4.550	1	13.195
34	2.500	2.500	3	18.750
35	2.900	0.690	1	2.001
36	0.535	0.680	1	0.364
37	0.340	0.170	1	0.058
38	0.240	1.470	1	0.353
39	1.900	2.050	1	3.895
40	3.855	1.750	1	6.746
41	3.790	2.050	1	7.770
42	2.175	0.250	2	1.088
43	0.700	0.300	1	0.210
44	0.690	0.120	1	0.083
45	1.640	0.480	1	0.787
46	1.640	0.490	1	0.804
47	2.500	1.090	1	2.725
48	0.940	0.870	1	0.818
49	2.030	0.870	1	1.766
50	3.210	2.355	1	7.560
51	1.440	0.160	1	0.230
52	4.380	1.470	1	6.439
53	0.340	0.170	1	0.058
54	1.900	0.180	1	0.342
55	0.700	0.180	1	0.126
56	3.550	0.300	1	1.065
57	6.015	10.400	1	62.556
58	1.850	9.170	1	16.965
59	4.700	3.200	1	15.040
60	0.850	0.160	1	0.136
61	1.440	0.160	1	0.230
62	2.530	1.470	1	3.719
63	1.900	0.180	1	0.342
64	0.700	0.180	1	0.126
65	3.550	0.300	1	1.065
66	1.075	0.400	1	0.430
67	1.460	0.150	1	0.219
68	1.600	2.750	1	4.400
69	1.460	1.500	1	2.190
70	1.410	1.500	1	2.115
71	3.460	4.080	1	14.117
72	2.220	0.205	1	0.455
73	4.490	1.800	1	8.082
74	1.800	0.640	1	1.152
		TOTAL SUBTRACTIONS		425.920
		TOTAL F.A.R OF B1		631.070

This is a "PROVISIONAL BUILDING PLAN" approved only for the purpose of inviting objections from the general public

D.T.P. (HQ) Member B.P.A.C. | S.T.P. (HQ) Member Secretary B.P.A.C. | S.T.P. (G) Member B.P.A.C. | (Hr.) Chairman B.P.A.C.

Consultant Architect ATP(HQ)

NOTES:
REFER DRAWING NO. AR-B.201,202 &203 FOR ELEVATIONS
REFER DRAWING NO. AR-B.301 FOR SECTIONS
ALL TOILETS TO BE MECHANICALLY VENTILATED



Varinder Kumar AD(HQ)

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

A1 (841 X 594)