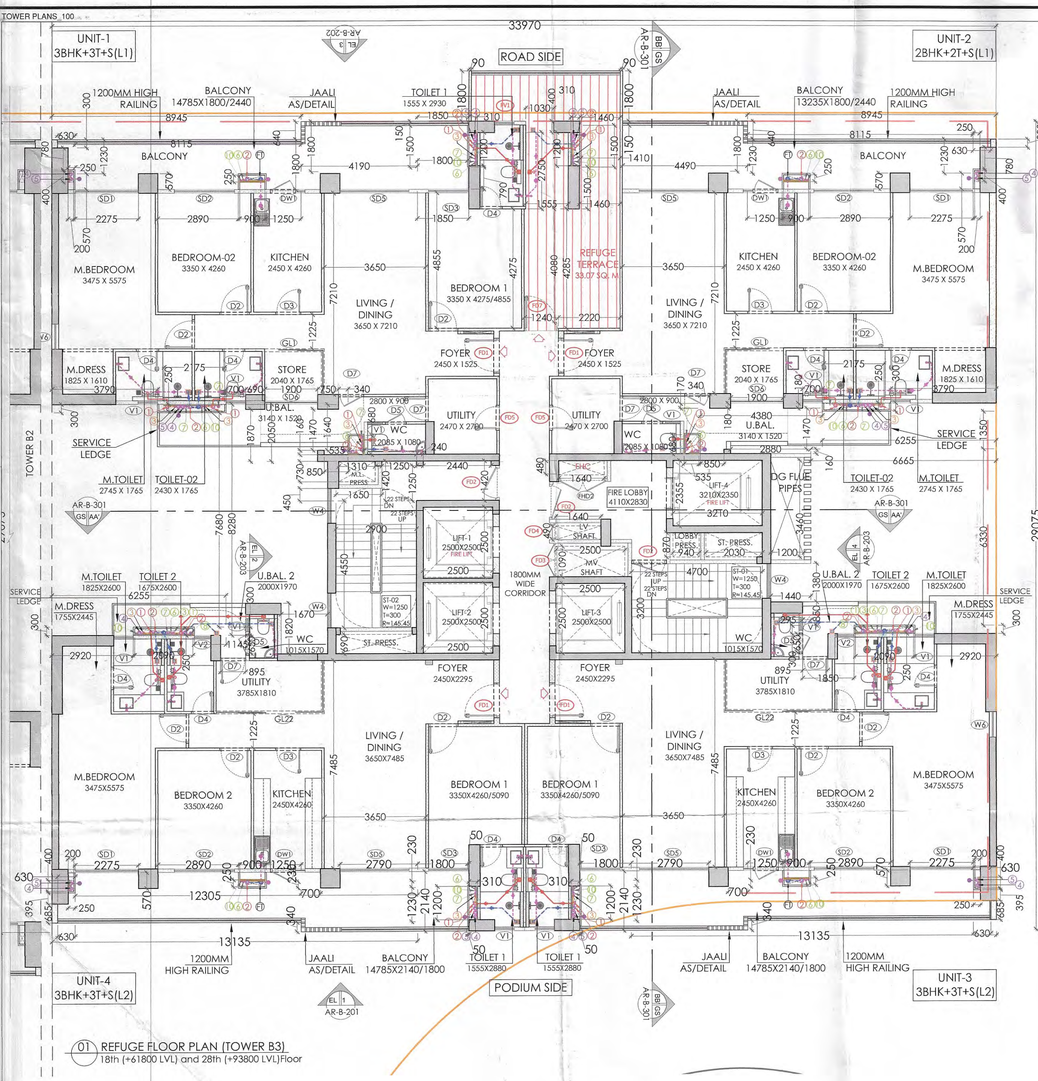
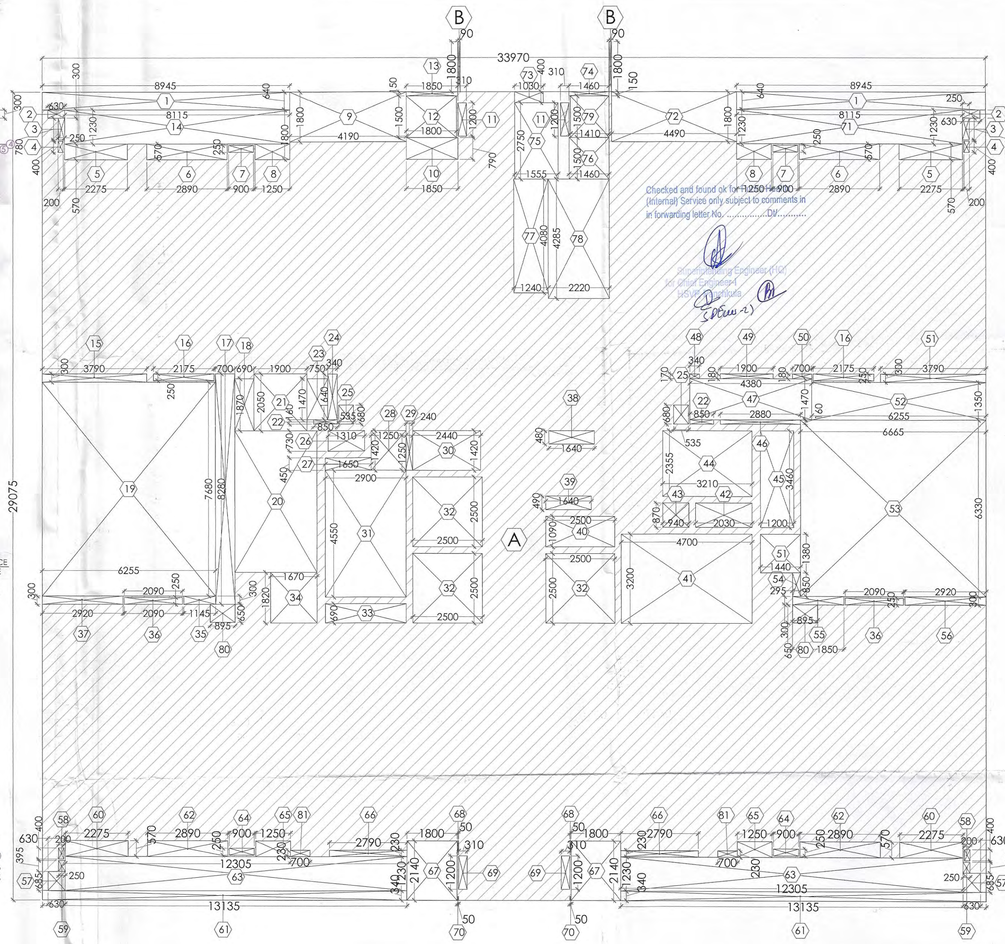
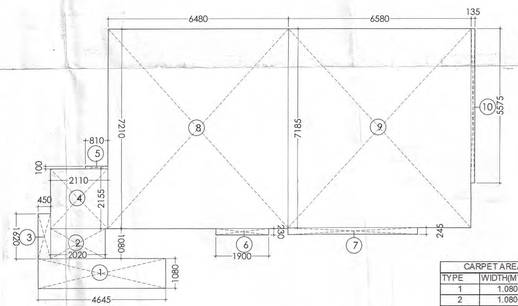


01 REFUGE FLOOR PLAN (TOWER B3)
18th (+61800 LVL) and 28th (+93800 LVL)Floor



02 REFUGE FLOOR F.A.R. AREA DIAGRAM (TOWER B3)
18th (+61800 LVL) and 28th (+93800 LVL)Floor



03 REFUGE FLOOR CARPET AREA DIAGRAM (TOWER B3)
SCALE - 1:100

18TH & 28TH FLOOR REFUGE AREA CALCULATION:

GROSS AREA (TOWER B3) =657.171 SQ. M.

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

NO. OF PERSONS
(GROSS AREA OF 2 FLOORS/ OCCUPANT LOAD) = (657.171X2)/12.5
= 105.147 = 106 PERSONS

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 = (32.700 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.

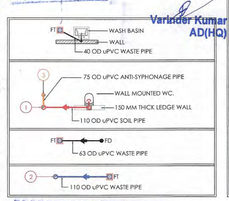
CARPET AREA DIAGRAM(2BHK) TOWER- B3 REFUSE

TYPE	WIDTH(MTS)	LENGTH(MTS)	NOS	AREA SQM
1	1.080	4.645	1.000	5.017
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	4.685	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

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) Town Planner B.P.A.C. | S.T.P.(Q) Member B.P.A.C. | T.P. Chairman B.P.A.C.

Bimal AD | P.A. | A.T.P. | Consultant Architect | ATP(HQ) | D.(HQ) Member AC | Varinder Kumar AD(HQ)



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

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 B3

S.NO.	WIDTH (M)	LENGTH(M)	NOS.	AREA (SqM)
ADDITIONS				
A	33.970	29.075	1	987.678
B	1.800	0.090	2	0.324
TOTAL ADDITIONS FOR TOWER-B3				988.002
SUBTRACTIONS				
1	8.945	0.640	2	11.450
2	0.630	0.300	2	0.378
3	0.250	0.780	2	0.390
4	0.200	0.400	2	0.160
5	2.275	0.570	2	2.594
6	2.890	0.570	2	3.295
7	0.900	0.250	2	0.450
8	1.250	0.570	2	1.425
9	4.190	1.800	1	7.542
10	1.850	0.790	1	1.462
11	0.310	1.200	2	0.744
12	1.800	1.500	1	2.700
13	1.850	0.150	1	0.278
14	4.115	1.230	1	9.981
15	3.790	0.300	1	1.137
16	2.175	0.250	2	1.088
17	0.700	8.280	1	5.796
18	0.690	1.870	1	1.290
19	6.255	7.680	1	48.038
20	2.950	5.080	1	14.986
21	1.900	2.050	1	3.895
22	0.850	0.160	2	0.272
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	1.310	0.730	1	0.956
27	1.650	0.450	1	0.743
28	1.250	1.420	1	1.775
29	0.240	1.250	1	0.300
30	2.440	1.420	1	3.465
31	2.900	4.550	1	13.195
32	2.500	2.500	3	18.750
33	2.900	0.690	1	2.001
34	1.670	1.820	1	3.039
35	1.145	0.300	1	0.344
36	2.090	0.250	2	1.045
37	2.920	0.300	1	0.876
38	1.640	0.480	1	0.787
39	1.640	0.490	1	0.804
40	2.500	1.090	1	2.725
41	4.700	3.200	1	15.040
42	2.030	0.870	1	1.766
43	0.940	0.870	1	0.818
44	3.210	2.355	1	7.560
45	1.200	3.460	1	4.152
46	2.880	0.160	1	0.461
47	4.380	1.470	1	6.439
48	0.340	0.710	1	0.241
49	1.900	0.180	1	0.342
50	0.700	0.180	1	0.126
51	3.790	0.300	1	1.137
52	6.255	1.350	1	8.444
53	6.665	6.330	1	42.189
54	0.295	0.850	1	0.251
55	1.850	0.300	1	0.555
56	2.920	0.300	1	0.876
57	0.630	0.685	2	0.863
58	0.200	0.400	2	0.160
59	0.250	0.395	2	0.198
60	2.275	0.570	2	2.594
61	13.135	0.340	2	8.932
62	2.890	0.570	2	3.295
63	12.305	1.230	2	30.270
64	0.900	0.250	2	0.450
65	1.250	0.570	2	1.425
66	2.790	0.230	2	1.283
67	1.800	2.140	2	7.704
68	0.050	0.490	2	0.049
69	0.310	1.200	2	0.744
70	0.050	0.150	2	0.015
71	8.115	1.230	1	9.981
72	4.490	1.800	1	8.082
73	1.030	0.400	1	0.412
74	1.460	0.150	1	0.219
75	1.555	2.750	1	4.276
76	1.460	1.500	1	2.190
77	1.240	4.080	1	5.059
78	2.220	4.285	1	9.513
79	1.410	1.500	1	2.115
80	0.895	0.650	2	1.164
81	0.700	0.230	2	0.322
		TOTAL SUBTRACTIONS		364.252
		TOTAL F.A.R OF B3		623.749

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

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 - H.Toilet	
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	1500	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	900/300	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	1190/1760D/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	4680/2000/2000	5900	0	GF Lobby	
32	GL7	7210	5900	0	GF Lobby	
33	GL8	7210	5900	0	GF Lobby	
34	GL9	1055/1210	5900	0	GF Lobby	
35	GL10	1000/7100/410	5150	0	Podium Lobby	
36	GL11	2375/7100/1155	5150	0	Podium Lobby	
37	GL12	5275	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	2600	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	3985/1910	2400	0	Study/S.Room	
48	GL23	1090/11565/2565	2500	0	GF Lobby	
49	GL24	---3240	3300	0	GF Lobby	
50	GL25	1755/9485/1735	5150	0	Podium Lobby	
51	GL26	1725/2670	5900	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

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ARCHITECTS
Arcop Associates Pvt. Ltd.
Plot- 3[illegible], Sec-32, Gurgaon-122001
Ph.: 26142050, 26242169
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
Council of Architecture Registration No. CA/2001/28861

OWNER'S SIGNATURE FOR PURI CONSTRUCTION PVT. LTD.
Authorised Signatory

DRAWING TITLE
GROUP HOUSING COLONY
[TOWER-B3]
REFUGE FLOOR PLAN & AREA CALCULATIONS

DRAWING NO.
AR-B3-105

A1 (841 X 594)