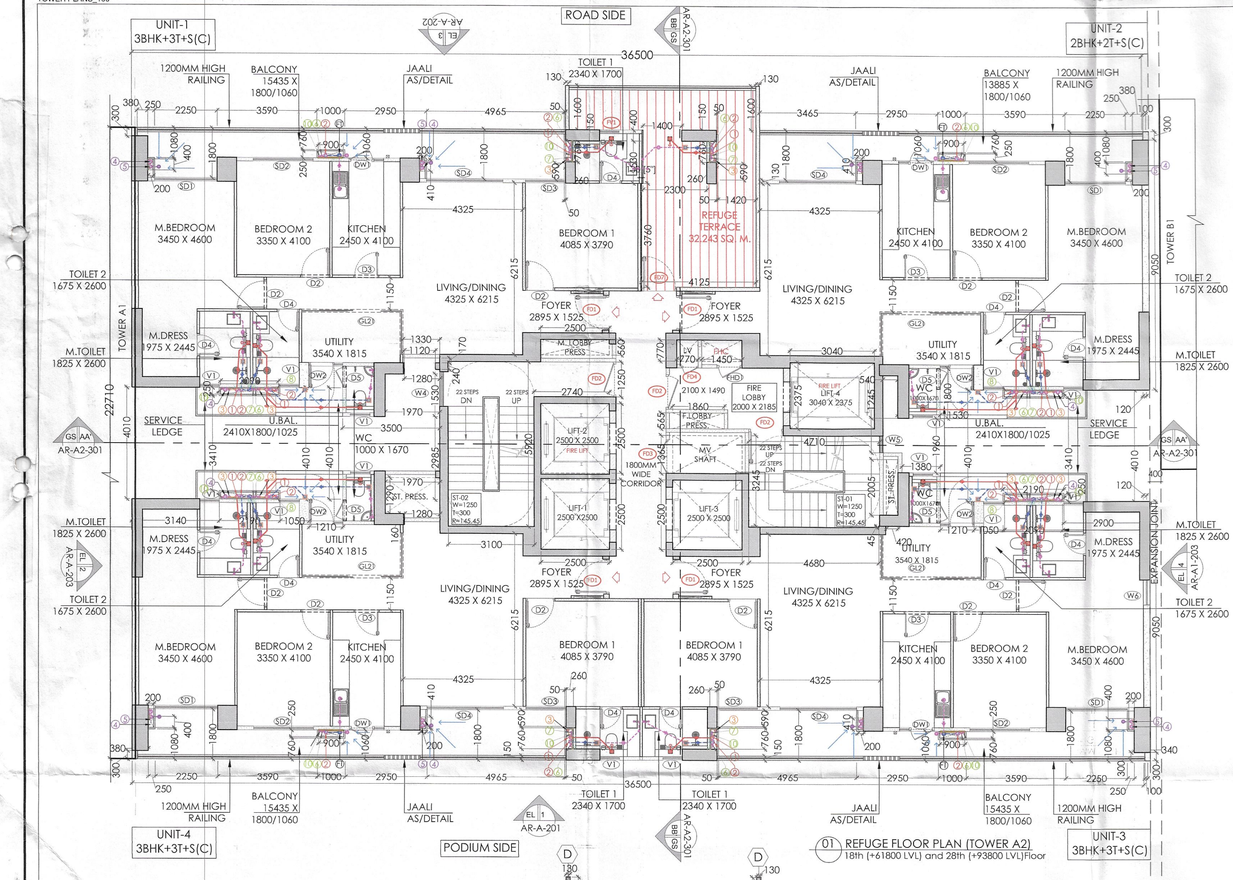
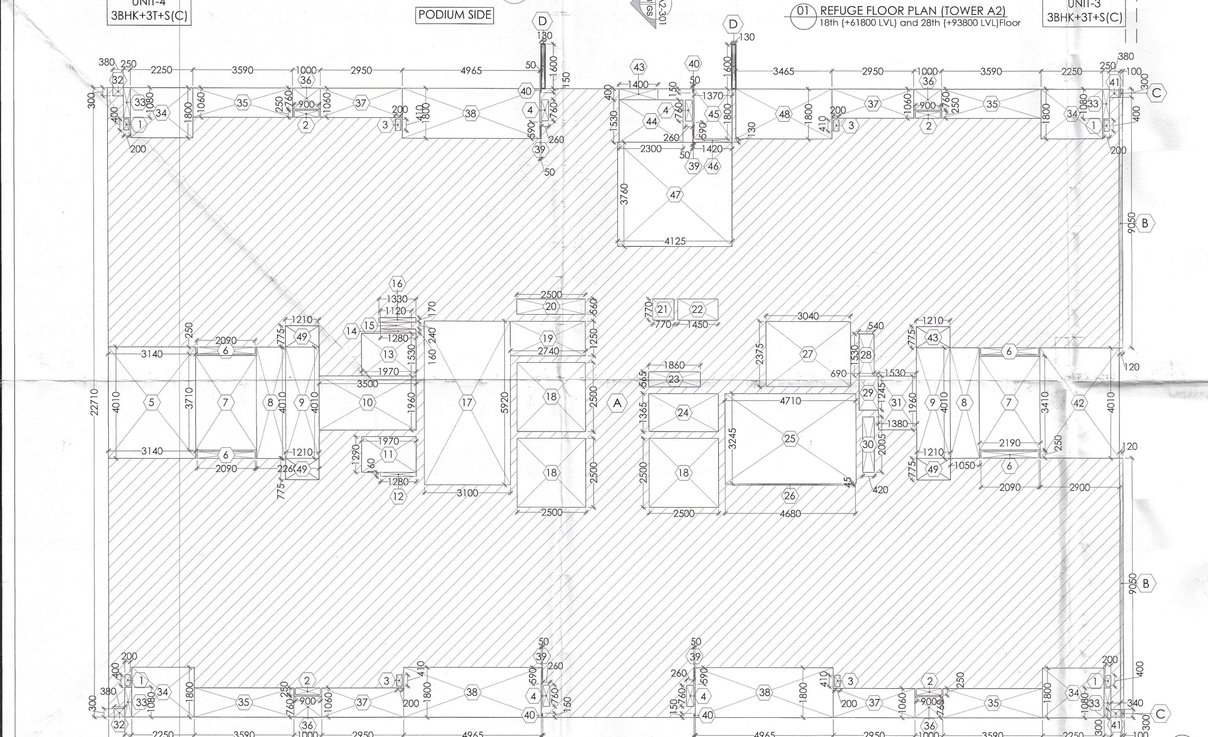
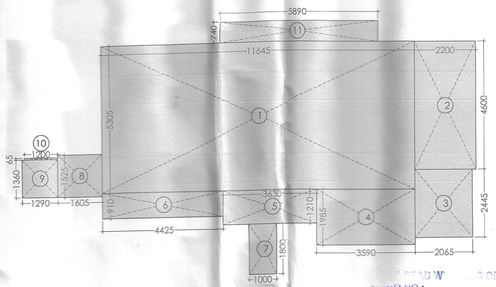
TOWER PLANS_100



01 REFUGE FLOOR PLAN (TOWER A2)
18th (+61800 LVL) and 28th (+93800 LVL) Floor



02 REFUGE FLOOR F.A.R. AREA DIAGRAM (TOWER A2)
18th (+61800 LVL) and 28th (+93800 LVL) Floor



03 REFUGE FLOOR CARPET AREA DIAGRAM (TOWER A2)
SCALE - 1:100

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. | Chairman B.P.A.C.

Memo No.:
DATED :

Consultant Architect

ATP(HQ)

Varinder Kumar
AD(HQ)

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

Superintending Engineer (HQ) for Chief Engineer Hqrs. Haryana

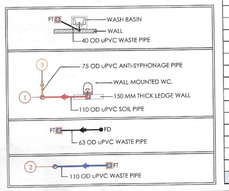
SE(HQ)

CARPET AREA DIAGRAM (2BHK) TOWER- A2 Refuge				
NO	WIDTH(MTS)	LENGTH(MTS)	NOS	AREA SQM
1	5.305	11.645	1	61.777
2	2.2	4.6	1	10.120
3	2.445	2.065	1	5.049
4	3.59	1.985	1	7.125
5	3.63	1.21	1	4.392
6	4.425	0.91	1	4.027
7	1	1.8	1	1.800
8	1.525	1.605	1	2.448
9	1.36	1.29	1	1.754
10	0.085	1.2	1	0.078
11	0.74	5.89	1	4.359
		TOTAL		102.929

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
1	110 OD uPVC WASTE PIPE & VENT PIPE
2	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
	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 A2				
S.NO.	WIDTH (M)	LENGTH(M)	NOS.	AREA (SqM)
ADDITIONS				
A	36.500	22.710	1	828.915
B	9.050	0.120	2	2.172
C	0.100	0.300	2	0.060
D	0.130	1.600	2	0.416
		TOTAL ADDITIONS		831.563
SUBTRACTIONS				
1	0.200	0.400	4	0.320
2	0.900	0.250	4	0.900
3	0.200	0.410	4	0.328
4	0.260	0.760	4	0.790
5	4.010	3.140	1	12.591
6	0.250	2.090	4	2.090
7	2.190	3.410	2	14.936
8	1.050	4.010	2	8.421
9	1.210	4.010	2	9.704
10	3.500	1.960	1	6.860
11	1.970	1.290	1	2.541
12	1.280	0.160	1	0.205
13	1.970	1.530	1	3.014
14	1.280	0.160	1	0.205
15	1.120	0.240	1	0.269
16	1.330	0.170	1	0.226
17	3.100	5.920	1	18.352
18	2.500	2.500	3	18.750
19	2.740	1.250	1	3.425
20	2.500	0.560	1	1.400
21	0.770	0.770	1	0.593
22	1.450	0.770	1	1.117
23	1.860	0.565	1	1.051
24	2.500	1.365	1	3.413
25	4.710	3.245	1	15.284
26	4.680	0.045	1	0.211
27	3.040	2.375	1	7.220
28	0.540	1.530	1	0.826
29	0.690	1.245	1	0.859
30	0.420	2.005	1	0.842
31	1.380	1.960	1	2.705
32	0.380	0.300	2	0.228
33	0.250	1.080	4	1.080
34	2.250	1.800	4	16.200
35	3.590	1.060	4	15.222
36	1.000	0.760	4	3.040
37	2.950	1.060	4	12.508
38	4.965	1.800	3	26.811
39	0.050	0.590	4	0.118
40	0.050	0.150	4	0.030
41	0.380	0.300	2	0.228
42	2.900	4.010	1	11.629
43	1.400	0.400	1	0.560
44	2.300	1.530	1	3.519
45	1.370	1.800	1	2.466
46	1.420	0.130	1	0.185
47	4.125	3.760	1	15.510
48	3.465	1.800	1	6.237
49	1.210	0.775	4	3.751
		TOTAL SUBTRACTIONS		258.768
		TOTAL F.A.R OF TOWER A2		572.795

18TH & 28TH FLOOR REFUGE AREA:

GROSS AREA (TOWER A2) =**627.125 SQ. M.**

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

NO. OF PERSONS (GROSS AREA OF 2 FLOORS/ OCCUPANT LOAD) = **(627.125X2)/12.5 = 100.34 = 101**

DTP (HQ) Member BPAC

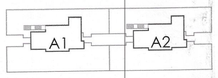
REQUIRED REFUGE AREA PER FLOOR [NO. OF PERSONSX0.3 + 0.9 [FOR EVERY 200 PERSON]] = **(101 X 0.3)+0.9**

= **31.200 SQ. M.**

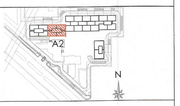
TOTAL REFUGE AREA REQUIRED = **(31.200 X 2 FLOORS PER TOWER) SQ. M.**
= **62.400 SQ. M.**

PROPOSED REFUGE AREA = **(31.243 X 2 FLOORS PER TOWER) SQ. M.**
= **62.486 SQ. M.**

NOTES:
REFER DRAWING NO. AR-A-201, 202 & 203 FOR ELEVATIONS
REFER DRAWING NO. AR-A1-301, AR-A2-301 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	D5	1200	2400	0	G/F - H.Toilet	
5	D8	750	2400	0	S. Toilet	
6	D9	1250	2400	0	G/F & Terrace-staircase	
7	GD1	1800	2400	0	G/F 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	1350	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	G/F Lobby	
28	GL3	6215	5900	0	G/F Lobby	
29	GL4	6215	5900	0	G/F Lobby	
30	GL5	1090/1155/2565	2100	0	Podium Lobby	
31	GL6	4690/2000/2000	5900	0	G/F Lobby	
32	GL7	7210	5900	0	G/F Lobby	
33	GL8	7210	5900	0	G/F Lobby	
34	GL9	1050/1210	5900	0	G/F Lobby	
35	GL10	1000/7100/410	5150	0	Podium Lobby	
36	GL11	2375/7100/1155	5150	0	Podium Lobby	
37	GL12	5275	5900	0	G/F Lobby	
38	GL13	1450/1985/3840	5900	0	G/F Lobby	
39	GL14	1440	5900	0	G/F Lobby	
40	GL15	2200	5900	0	G/F 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	G/F Lobby	
45	GL20	1590	2400	0	G/F Lobby	
46	GL21	3640/1620	2400	0	Study/S.Room	
47	GL22	3885/1910	2400	0	Study/S.Room	
48	GL23	1090/1150/2565	2800	0	G/F Lobby	
49	GL24	3240	3300	0	G/F Lobby	
50	GL25	1755/9685/1755	5150	0	Podium Lobby	
51	GL26	1725/2670	5900	0	G/F Lobby	
52	GL27	900	9100	0	G/F Lobby	
53	GL28	1800	9100	0	G/F 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	FHC Shaft	
65	FHD2	1750	2400	100	FHC Shaft	

CLIENTS

PURI CONSTRUCTION PVT. LTD.
4-78, GROUND FLOOR,
TOLSTOY HOUSE
TOLSTOY MARG,
NEW DELHI-110001

PURI

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ARCHITECTS
Arcop Associates Pvt. Ltd.
Plot- 368, Sec-32, Gurgaon-122001
Ph.: 26242050, 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
PANKAJ SANDAL
Council of Architecture Registration No. CA/2001/28681
REGISTERED ARCHITECT

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

DRAWING TITLE	DRAWING NO.
GROUP HOUSING COLONY [TOWER-A2] REFUGE FLOOR PLAN & AREA CALCULATIONS	AR-A2-105

A1 (841 X 594)