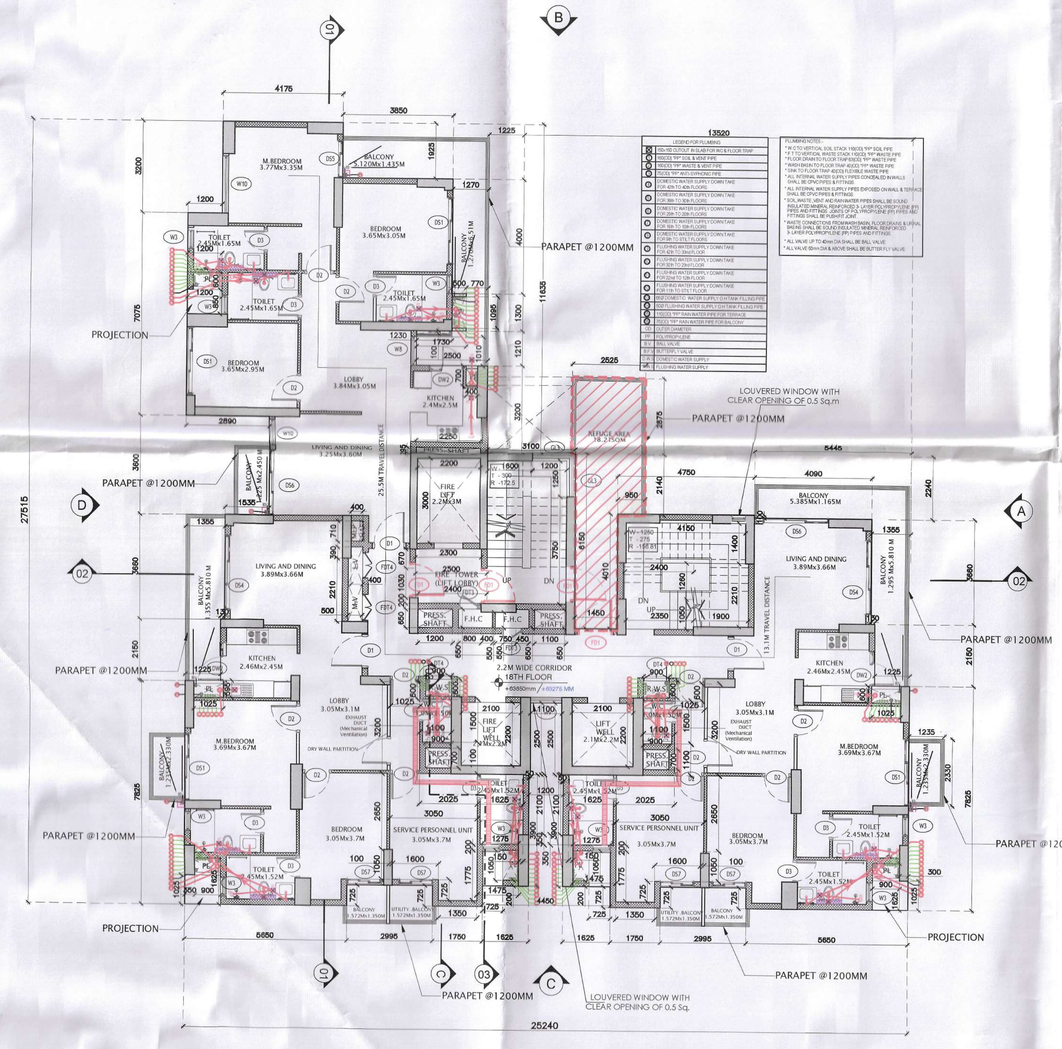
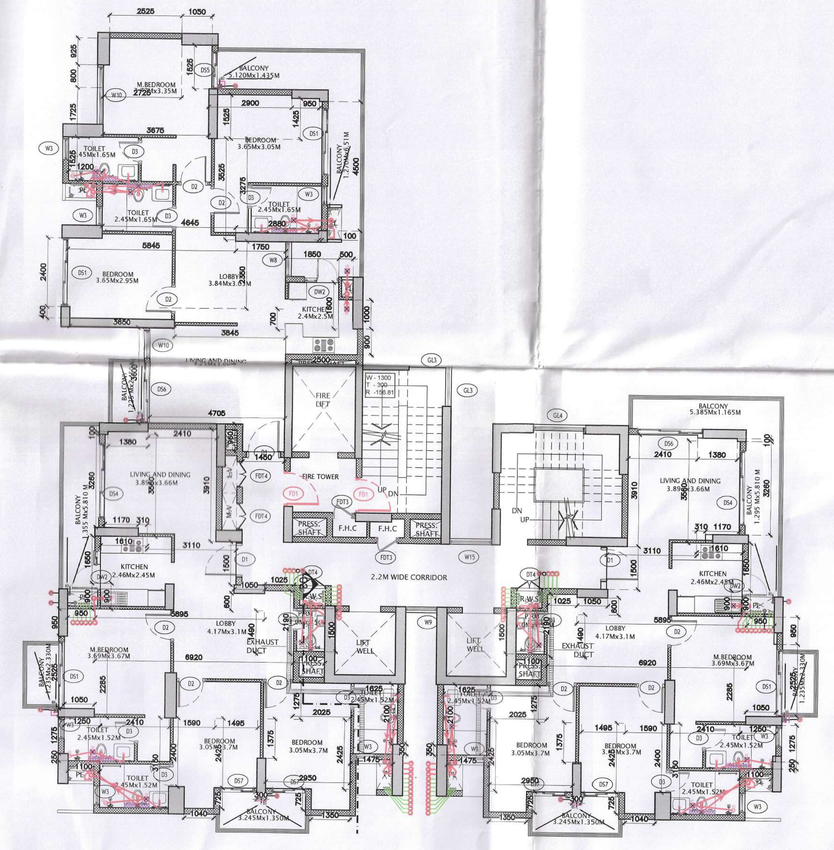
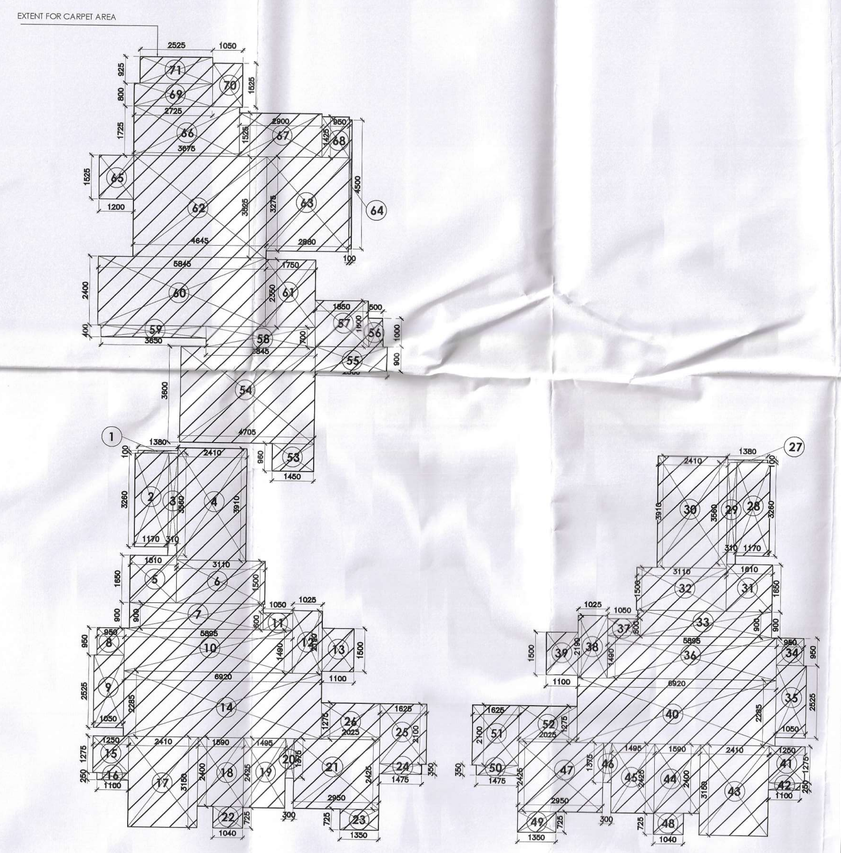


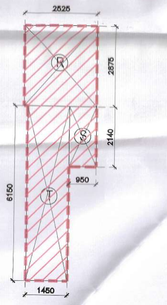
01 REFUGE FLOOR PLAN TYPICAL FOR (18TH, 26TH AND 35TH)
SCALE: 1:100 REF:



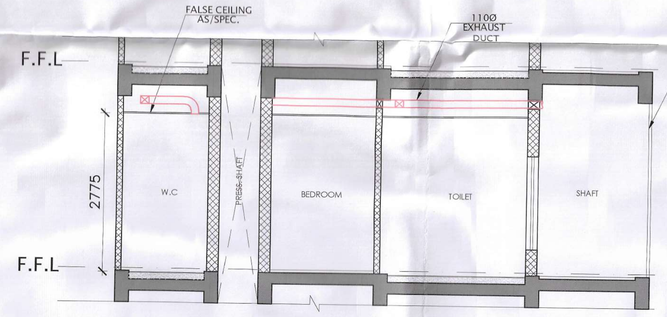
04 UNIT CARPET PLAN
SCALE: 1:100 REF:



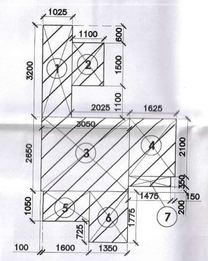
05 UNIT CARPET AREA DIAGRAM (TYPICAL DWELLING UNIT)
SCALE: 1:100 REF:



02 REFUGE AREA DIAGRAM
SCALE: 1:100 REF:



03 TYPICAL SECTION-03 FOR VENTILATION OF POWDER ROOM
SCALE: 1:50 REF:



06 SERVICE PERSONNEL UNIT AREA DIAGRAM
SCALE: 1:100 REF:

REFUGE AREA((2R /12.5*0.3) +0.9

TYPICAL FLOOR AREA (R)	AREA OF TWO CONCECUTIVE FLOORS(2R)	OCCUPANT LOAD @12.5 sq. m OF GROSS AREA	AREA EQUIVALENT OF 0.3sq. M./ PERSON	ADDITIONAL AREA FOR WHEEL CHAIR REQUIRMENT	REQUIRED FLOOR AREA FOR REFUGE
360.474	720.948	57.676	17.303	0.900	18.203

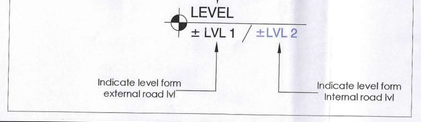
FLOOR AREA PROVIDED FOR REFUGE

	LENGTH (M)	WIDTH(M)	AREA (SQ.M.)
R	2.525	2.875	7.259
S	0.950	2.140	2.033
T	1.450	6.150	8.918
Total area (Sqm)			**18.210**

TYPICAL MECHANICAL VENTILATION CALCULATION FOR POWDER ROOM

S.NO.	LOCATION	AREA (Sq.ft.)	HEIGHT (ft)	VOLUME ($C_{U.f.}$)	DESIGN CFM. CFM	SELECTED EXHAUST FAN	FAN SIZE LXBXH(mm)	EXHAUST DUCT SIZE Diameter(mm)
1	TYPICAL MECHANICAL VENTILATION FOR POWDER ROOM							
1.1	POWDER ROOM	16.1	9.1	146.5	79	1# 100 cfm cassette Inline fan	270x270x171	110(OD)

NOTES:



CARPET AREA CALCULATION
ADDITION

LEGEND	WIDTH (MTS)	LENGTH (MTS)	NO.S	AREAS (MT.SQ.)
ADDITION				
CARPET AREA (Unit 1a)				
1	1.380	0.100	1	0.138
2	1.170	3.260	1	3.814
3	0.310	3.560	1	1.104
4	2.410	3.910	1	9.423
5	1.610	1.650	1	2.657
6	3.110	1.500	1	4.665
7	0.900	4.670	1	4.203
8	0.950	0.950	1	0.903
9	1.050	2.525	1	2.651
10	5.895	1.490	1	8.784
11	1.050	0.600	1	0.630
12	1.025	2.190	1	2.245
13	1.100	1.500	1	1.650
14	6.920	2.285	1	15.812
15	1.250	1.275	1	1.594
16	1.100	0.250	1	0.275
17	2.410	3.150	1	7.592
18	1.590	2.400	1	3.816
19	1.495	2.425	1	3.625
20	0.300	1.375	1	0.413
21	2.950	2.425	1	7.154
22	1.040	0.725	1	0.754
23	1.350	0.725	1	0.979
24	1.475	0.350	1	0.516
25	1.625	2.100	1	3.413
26	2.025	1.275	1	2.582
TOTAL CARPET AREA (Unit 1a)				**91.389**

ADDITION
CARPET AREA (Unit 1b)

LEGEND	WIDTH (MTS)	LENGTH (MTS)	NO.S	AREAS (MT.SQ.)
27	1.380	0.100	1	0.138
28	1.170	3.260	1	3.814
29	0.310	3.560	1	1.104
30	2.410	3.910	1	9.423
31	1.610	1.650	1	2.657
32	3.110	1.500	1	4.665
33	0.900	4.670	1	4.203
34	0.950	0.950	1	0.903
35	1.050	2.525	1	2.651
36	5.895	1.490	1	8.784
37	1.050	0.600	1	0.630
38	1.025	2.190	1	2.245
39	1.100	1.500	1	1.650
40	6.920	2.285	1	15.812
41	1.250	1.275	1	1.594
42	1.100	0.250	1	0.275
43	2.410	3.150	1	7.592
44	1.590	2.400	1	3.816
45	1.495	2.425	1	3.625
46	0.300	1.375	1	0.413
47	2.950	2.425	1	7.154
48	1.040	0.725	1	0.754
49	1.350	0.725	1	0.979
50	1.475	0.350	1	0.516
51	1.625	2.100	1	3.413
52	2.025	1.275	1	2.582
TOTAL CARPET AREA (Unit 1b)				**91.389**

ADDITION
CARPET AREA (UNIT 2)
ADDITION

53	1.450	0.960	1	1.392
54	4.705	3.600	1	16.938
55	2.500	0.900	1	2.250
56	0.500	1.000	1	0.500
57	1.850	1.600	1	2.960
58	3.845	0.700	1	2.692
59	3.650	0.400	1	1.460
60	5.845	2.400	1	14.028
61	1.750	2.350	1	4.113
62	4.645	3.525	1	16.374
63	2.800	3.275	1	9.170
64	0.100	4.500	1	0.450
65	1.200	1.525	1	1.830
66	3.675	1.725	1	6.339
67	2.900	1.525	1	4.423
68	0.950	1.425	1	1.354
69	2.725	0.800	1	2.180
70	1.050	1.525	1	1.601
71	2.525	0.925	1	2.336
TOTAL CARPET AREA (UNIT 2)				**92.650**

Checked and found ok for Public Health (Internal) Service only subject to comments in forwarding letter No. 11446/ dtd 2/4/25

Superintending Engineer (HQ)
Public Health Engineers
HSVP, Panchkula

REFUGE FLOOR (FAR AREA CALCULATIONS)

REFER TYPICAL FLOOR FOR FAR AREA CALCUALTION

REFUGE FLOOR (NON FAR AREA CALCULATIONS)

REFER TYPICAL FLOOR FOR NON FAR AREA CALCUALTION

OPENING SCHEDULE
Door-Window Schedule

S. NO.	TAG	Rough Opening Width	Rough Opening Height	From Fin. Floor Sill	From Fin. Floor Lintel
External Door Schedule-Wooden Doors					
1	D1	1200	2450	0	2450
Internal Door Schedule-Wooden Doors					
1	D2	1000	2150	0	2150
2	D3	800	2150	0	2150
3	D8	1800	2150	0	2150
Fire Door Schedule					
1	FD1	1200	2450	0	2450
Door Trap Schedule					
1	FDT3	750	2450	100	2450
2	DT4	900	2450	0	2450
3	FDT4	900	2415	100	2450
Window Schedule Aluminium Windows					
1	W3	650	2075	450	2550/Beam Bottom
2	W8	1010	2100	450	2550/Beam Bottom
3	W9	1100	2100	475	2550/Beam Bottom
4	W10	2050	2550	475	2550/Beam Bottom
5	W11	1000	2550	475	2550/Beam Bottom
6	W12	2600	3500	475	3500
7	W13	1800	3500	475	3500
8	W14	2350	3500	475	3500
9	W15	1450	2100	450	2550/Beam Bottom
Door-Window					
1	DW2	1200	2550	0	2550/Beam Bottom
2	GL3	1350	10018	4350	-
3	GL4	1825	10018	4350	-
4	GL5	500	10018	4350	-
Sliding Aluminium Door					
1	DS1	2325	2550	0	2550/Beam Bottom
2	DS3	2920	2550	0	2550/Beam Bottom
3	DS4	2600	2550	0	2550/Beam Bottom
4	DS5	1300	2550	0	2550/Beam Bottom
5	DS6	2300	2550	0	2550/Beam Bottom
6	DS7	1200	2550	0	2550/Beam Bottom

Authority Signatory

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

STP (HQ) Member Secretary B.P.A.C. | STP (G) Member B.P.A.C. | CTP (HR) Chairman B.P.A.C.
DTP(HQ) ATP(HQ)
AD PA ATP
DINESH KUMAR PA(HQ)
JDT(T) MEMBER BPAC

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

NOTES:

1.SPRINKLERS ARE INCORPORATED AS/NBC 2016 VOL.I_CLAUSE 5.1.3(PAGE NO. 57)

2.COMPARTMENTATION HAS BEEN DONE IN ACCORDANCE TO NBC 2016 VOL.I_PART 4 (FIRE&SAFETY)_4.5(PAGE 38)

3.STAIRCASE TRAVEL DISTANCE IS ACCORDING TO NBC 2016 VOL.I_PART 4 (FIRE&SAFETY)_Clause-4.4.2.4.3.1&2_page N0 33 & 34&49

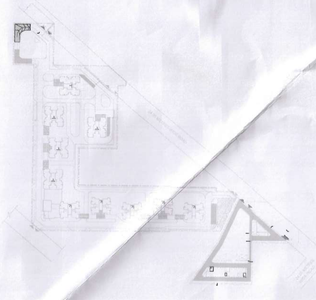
4. OPENABLE PANEL IN GLAZING AFTER EVERY 10M AS PER NBC CLAUSE NO 3.4.10.2

5. ALL BUILDINGS ARE MECHANICALLY VENTILATED AS/NORMS.

6. LIGHT AND VENTILLATION WILL BE PROVIDED MECHANICALLY 100% POWER BACKUP.

PLUMBING NOTES:

* W.C TO VERTICAL SOIL STACK 100Ø SOIL PIPE
* F.T.TO VERTICAL WASTE STACK 100Ø WASTE PIPE * FLOOR DRAIN TO FLOOR TRAP 50Ø WASTE PIPE
* WASH BASIN TO FLOOR TRAP 32Ø WASTE PIPE
* SINK TO FLOOR TRAP 40Ø WASTE PIPE



KEYPLAN

LEGEND	
	FAR AREA
	CARPET AREA

OWNER SIGN

For A & D Estates Private Limited
Authorized Signatory

ARCHITECT SIGNATURE
ARCH. [illegible]
C/12/ [illegible]
Off. No.313, AKD Tower, Sec.-14, Gurugram, Haryana

Clients:

M/S A&D Estates Pvt. Ltd.
Plot No. 77
Sector - 44
Gurugram, Haryana 122003

Project Title :

REVISED BUILDING PLAN OF GROUP HOUSING COLONY AREA MEASURING 12.61175 (LICENCE NO. 195 OF 2008 DATED 22.11.2008 GRANTED FOR 11.418 ACRES) AND LICENCE NO. 15 OF 2023 DATED 30.01.2023 GRANTED FOR 1.19375 ACRES (UNDER TOD ZONE) IN SECTOR-83, GURGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY A & D ESTATES PVT. LTD. AND OTHERS.

Drawing Title :

SUBMISSION DRAWINGS

TYPE A TOWER- 1
REFUGE FLOOR PLAN TYPICAL FOR 18TH, 26TH AND 35TH

Scale :	1:100	Drawing No :	TA-PL-03
Date :	APR-2025		
Drawn By :	M.J		
Checked By :	A.G		
Sheet Size :	A0		

4
3
2
1