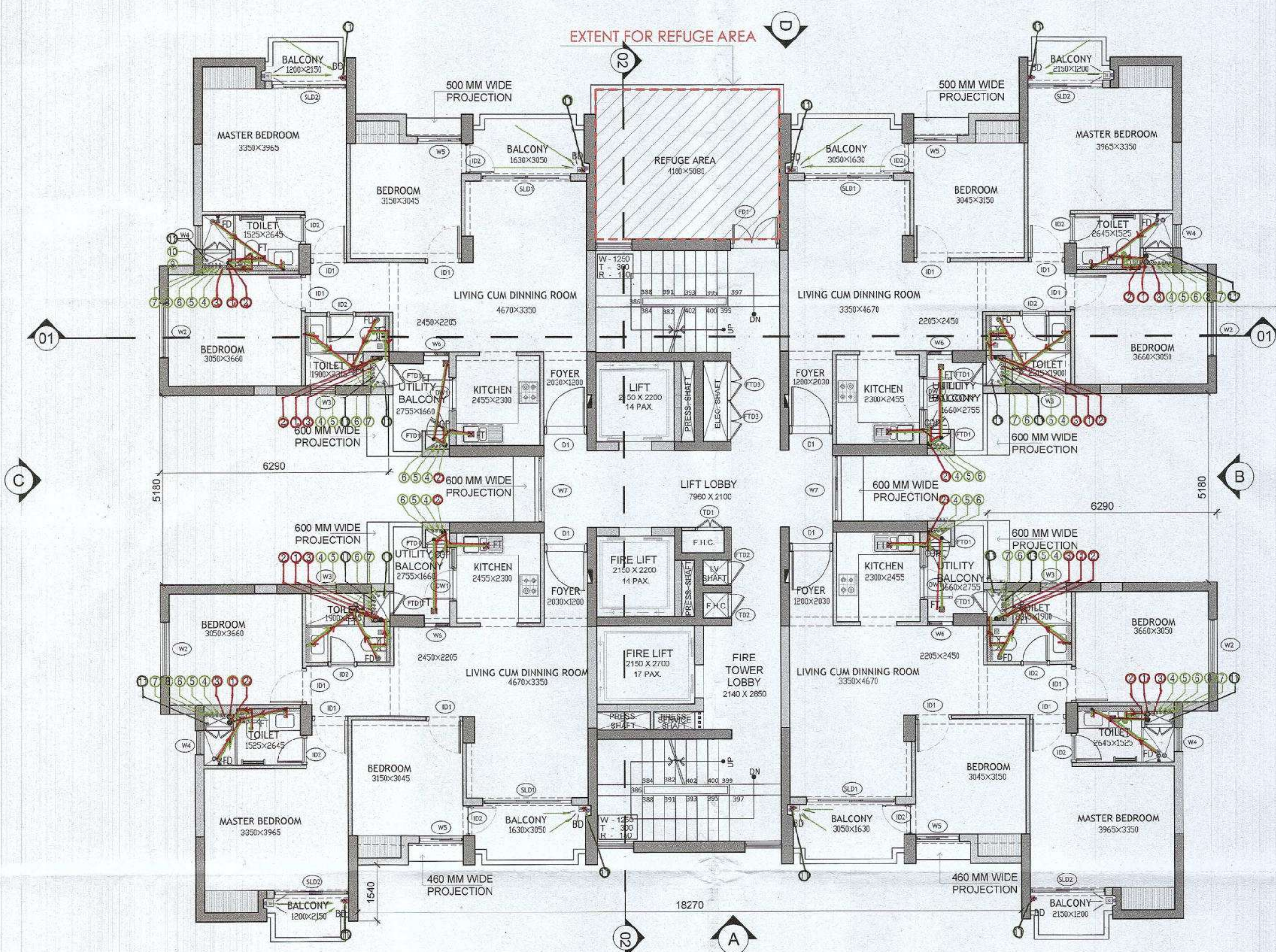
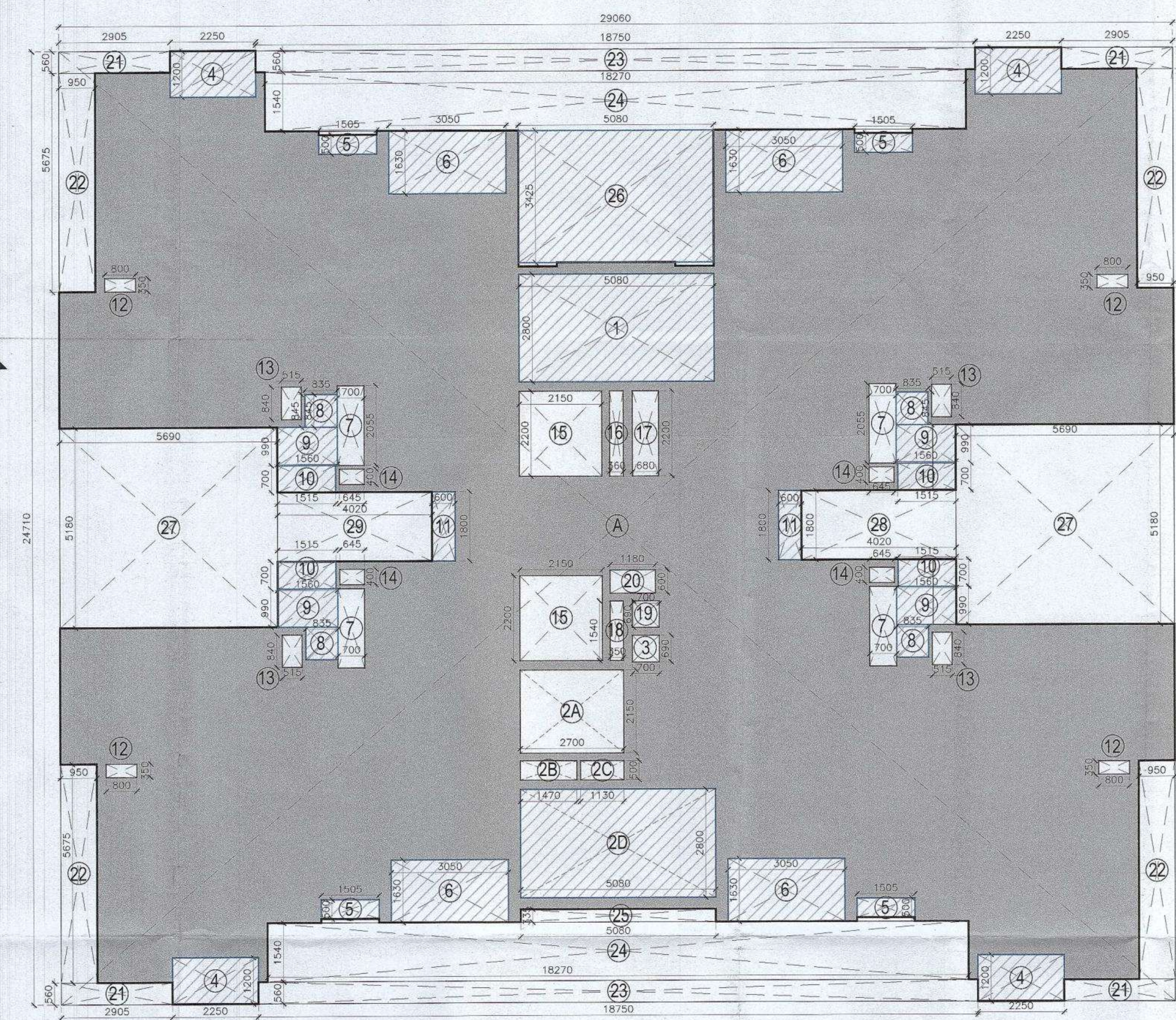


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19th and 29th FLOOR PLAN

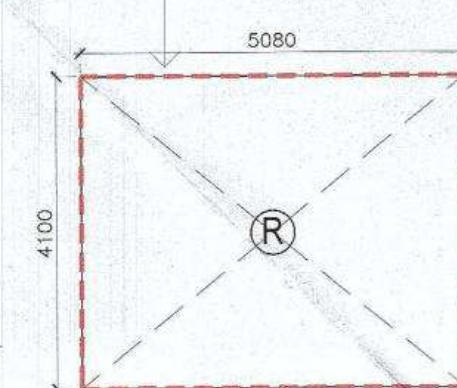
SCALE 1:100



19th and 29th FLOOR AREA DIAGRAM

SCALE 1:100

EXTENT FOR REFUGE AREA



REFUGE AREA DIAGRAM

SCALE 1:100

REFUGE AREA ((2R/12.5*0.3)+0.9)					
TYPICAL FLOOR AREA (R)	AREA OF TWO CONSECUTIVE FLOORS (2R)	OCCUPANT LOAD @12.5 sq. m OF GROSS AREA	AREA EQUIVALENT OF 0.3sq. M./ PERSON	ADDITIONAL AREA FOR WHEEL CHAIR REQUIREMENT	REQUIRED FLOOR AREA FOR REFUGE
412.309	824.619	65.969	19.791	0.900	20.691

FLOOR AREA PROVIDED FOR REFUGE*		
LENGTH (M)	WIDTH (M)	AREA (SQ.M)
5.08	4.1	20.828

19TH & 28TH FLOOR AREA CALCULATIONS					
ADDITION (A)					
LEGEND	LENGTH (MTS)	WIDTH (MTS)	NO.S		AREAS
A	29.060	24.710	1		718.073
TOTAL AREA (A)					718.073
SUBTRACTIONS (B)					
LEGEND	LENGTH (MTS)	WIDTH (MTS)	NO.S		(MT.SQ.)
1	5.080	2.800	1		14.224
2A	2.700	2.150	1		5.805
2B	1.470	0.500	1		0.735
2C	1.130	0.500	1		0.565
2D	5.080	2.800	1		14.224
3	0.700	0.690	1		0.483
4	2.250	1.200	4		10.800
5	1.505	0.500	4		3.010
6	3.050	1.630	4		19.886
7	0.700	2.055	4		5.754
8	0.835	0.845	4		2.822
9	1.560	0.990	4		6.178
10	1.515	0.700	4		4.242
11	0.600	1.800	2		2.160
12	0.800	0.350	4		1.120
13	0.515	0.840	4		1.730
14	0.645	0.400	4		1.032
15	2.150	2.200	2		9.460
16	0.360	2.200	1		0.792
17	0.680	2.200	1		1.496
18	0.350	0.540	1		0.189
19	0.700	0.690	1		0.483
20	1.180	0.600	1		0.708
21	2.905	0.560	4		6.507
22	0.950	5.675	4		21.565
23	18.750	0.560	2		21.000
24	18.270	1.540	2		56.272
25	5.080	0.335	1		1.702
26	5.080	3.425	1		17.399
27	5.690	5.180	2		58.948
28	4.020	1.800	1		7.236
29	4.020	1.800	1		7.236
TOTAL AREA (B)					305.763
TOTAL AREA (A-B)					412.309

19TH & 28TH FLOOR (NON FAR AREA CALCULATIONS)					
ADDITION					
LEGEND	LENGTH (MT)	WIDTH (MTS)	NO.S		AREAS (MT.SQ.)
1	5.080	2.800	1		14.224
2D	5.080	2.800	1		14.224
4	2.250	1.200	4		10.800
5	1.505	0.500	4		3.010
6	3.050	1.630	4		19.886
8	0.835	0.850	4		2.839
9	1.560	0.990	4		6.178
10	1.515	0.700	4		4.242
11	0.600	1.800	2		2.160
26	5.080	3.425	1		17.399
TOTAL NON-AREA					94.962

Checked and found ok for Public Health (Internal) Service only subject to comments in forwarding letter No. 632864/D1/21-3-23

Superintending Engineer (HQ) for Chief Engineer 1 HSVP Panaji

OPENING SCHEDULE					
Door-Window Schedule					
S. NO.	TAG	Rough Opening		From Fin. Floor	
		Width	Height	Cill	Lintel
External Door Schedule					
1	D1 (1 HOUR FIRE RATED)	1200	2150	0	2150
2	D2	1250	2150	0	2150
3	D3	1200	2150	0	2150
4	D4	1350	2150	0	2150
5	DW1	900, 550	2500, 1400	0, 1100	2500/Beam Bottom
6	DW2	1500, 1325	2500, 2050	0, 450	2500/Beam Bottom
7	DW3	800, 1200	2150	0	2500/Beam Bottom
8	SLD1	2450	2150	0	2500/Beam Bottom
9	SLD2	2050	2150	0	2500/Beam Bottom
Internal Door Schedule					
1	ID1	1000	2150	0	2150
2	ID2	800	2150	0	2150
3	TD1	800	2050	100	2150
4	TD2	690	2050	100	2150
Fire Door Schedule					
1	FD1	1350	2150	0	2150
2	FTD1	650	2050	100	2150
3	FTD2	690	2050	100	2150
4	FTD3	2200	2050	100	2150
Window Schedule					
1	W1	700	2050	450	2500/Beam Bottom
2	W2	1500	2050	450	2500/Beam Bottom
3	W3	700	1400	1100	2500/Beam Bottom
4	W4	650	1400	1100	2500/Beam Bottom
5	W5	1200	2050	450	2500/Beam Bottom
6	W6	700	1700	450	2150
7	W7	1800	2050	450	2500/Beam Bottom
8	W8	1000	2050	450 (From Landline)	Beam Bottom
9	W9	1500	2150	450	Beam Bottom

Authority Signatory

Member B.P.A.C. Member B.P.A.C. Member B.P.A.C. Member B.P.A.C.

ATP(HQ)

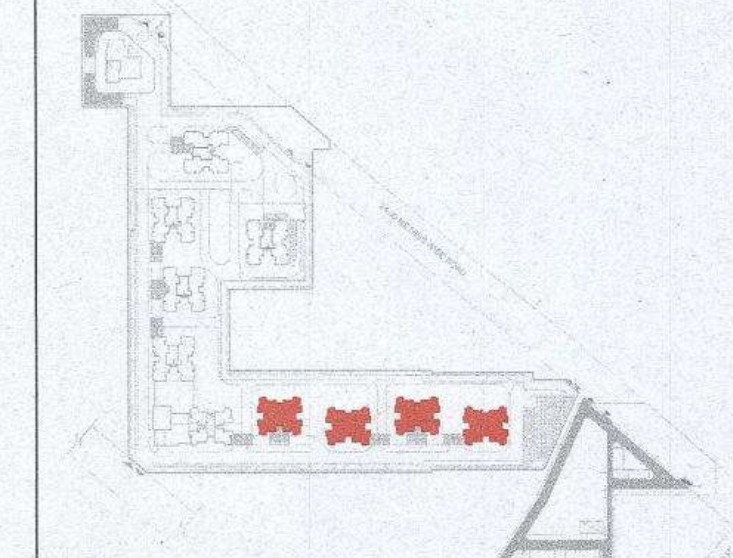
J.D.

(Dinesh Kumar) PA(HQ)

ATP

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

1. SPRINKLERS ARE INCORPORATED ASINBC 2016 VOL. I, CLAUSE 5.1.3 (PAGE NO. 67)
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 4.2.4.3.1.2, page NO 33 & 34 & 34.4.4.4
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 VENTILATION WILL BE PROVIDED MECHANICALLY 100% POWER BACKUP.



LEGEND FOR PLUMBING		PLUMBING NOTES:	
1	1000 SOIL & VENT PIPE	* W.C. TO VERTICAL SOIL STACK 1000 SOIL PIPE.	
2	1000 WASTE & VENT PIPE		
3	750 ANTI-SYPHONIC PIPE	* F.T. TO VERTICAL WASTE STACK 1000 WASTE PIPE.	
4	DOMESTIC WATER SUPPLY DOWN TAKE AT 28th TO 32nd FLOOR	* FLOOR DRAIN TO FLOOR TRAP 500 WASTE PIPE.	
5	DOMESTIC WATER SUPPLY DOWN TAKE AT 18th TO 28th FLOOR	* WASH BASIN TO FLOOR TRAP 320 WASTE PIPE.	
6	DOMESTIC WATER SUPPLY DOWN TAKE AT 14th TO 18th FLOOR	* SINK TO FLOOR TRAP 400 WASTE PIPE.	
7	FLUSHING WATER SUPPLY DOWN TAKE AT 18 TO 32 FLOOR		
8	FLUSHING WATER SUPPLY DOWN TAKE AT 1 TO 15 FLOOR		
9	500 DOMESTIC WATER SUPPLY DOWN TAKE AT 18 TO 32 FLOOR		
10	400 FLUSHING WATER SUPPLY DOWN TAKE AT 18 TO 32 FLOOR		
11	11000 PVC RAIN WATER PIPE FOR BALCONY		
12	VALVE		

OWNER SIGN

For A & D Estates Pvt. Ltd. Authorised Signatory

ARCHITECT SIGN

A. S. MEHRA GOYAL CA/2015/114352 H.No. 739/2, Peta Nagar, Gurugram

Clients:

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

Project Title : PROPOSED 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

19TH AND 29TH FLOOR PLAN

TYPE D TOWER- 8,9,10,11

Scale : 1:100 Drawing No : TD02 - A - 02 Date : FEB-2023 Drawn By : P.P. Checked By : A.S. Sheet Size : A1

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