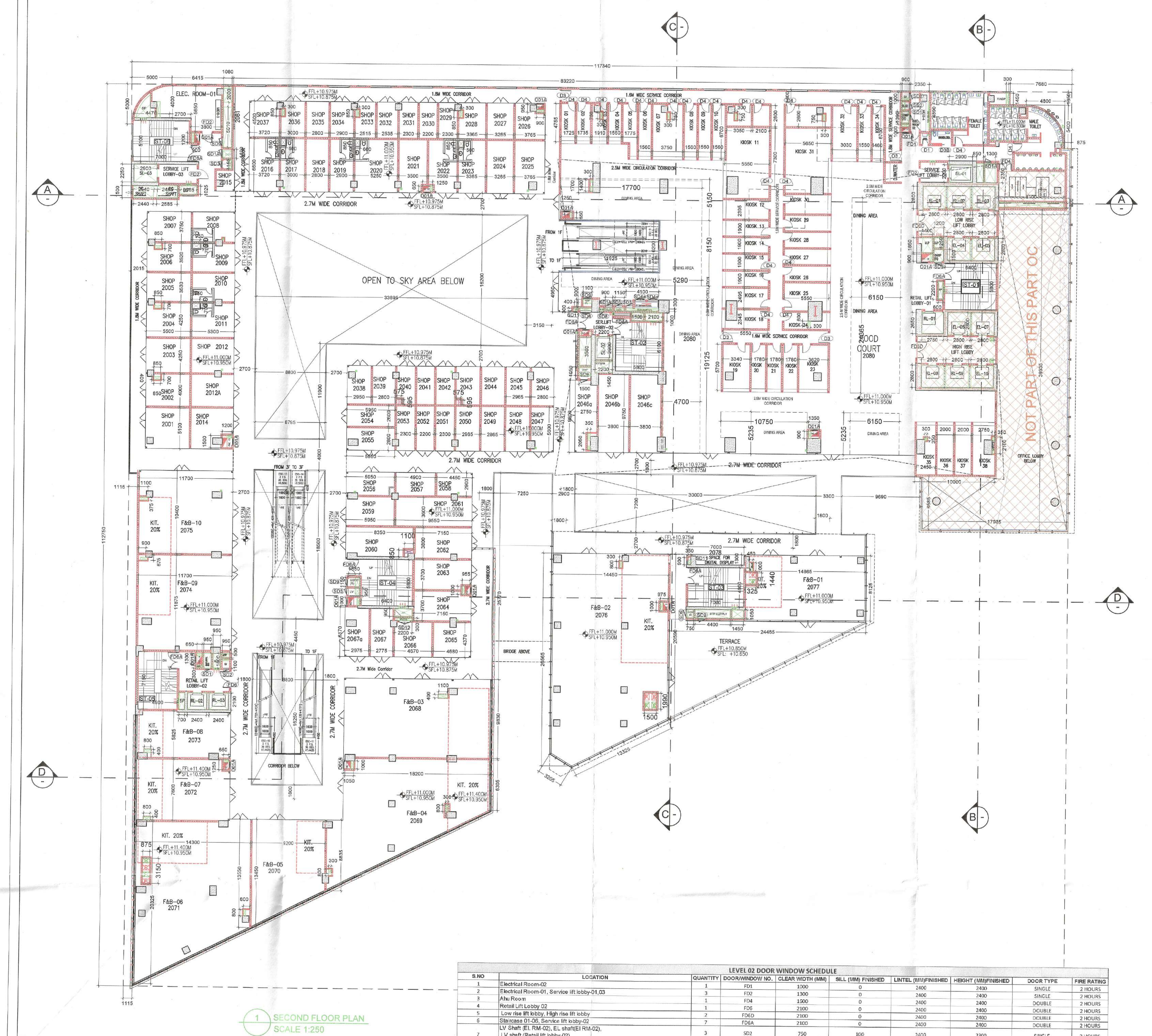
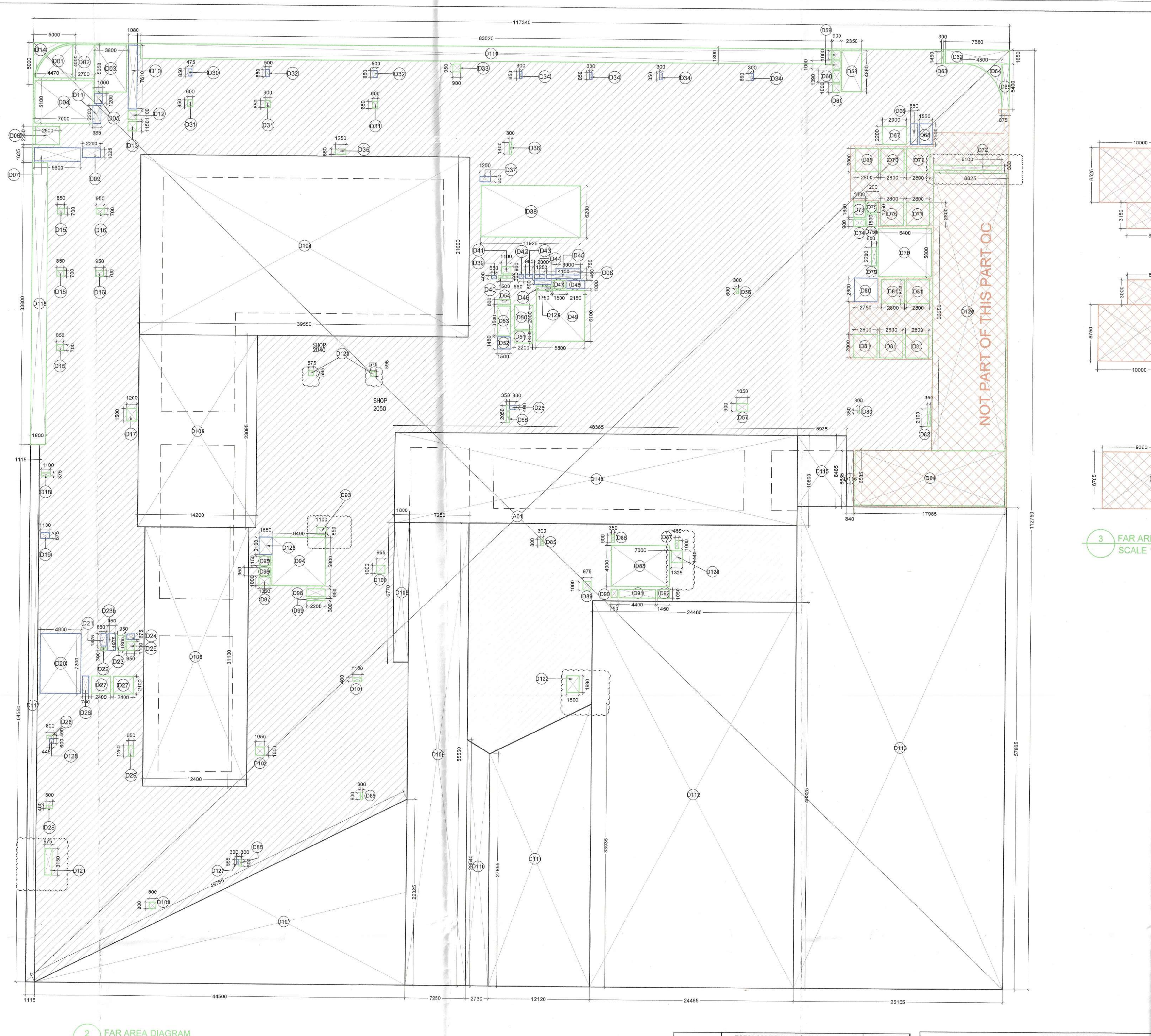


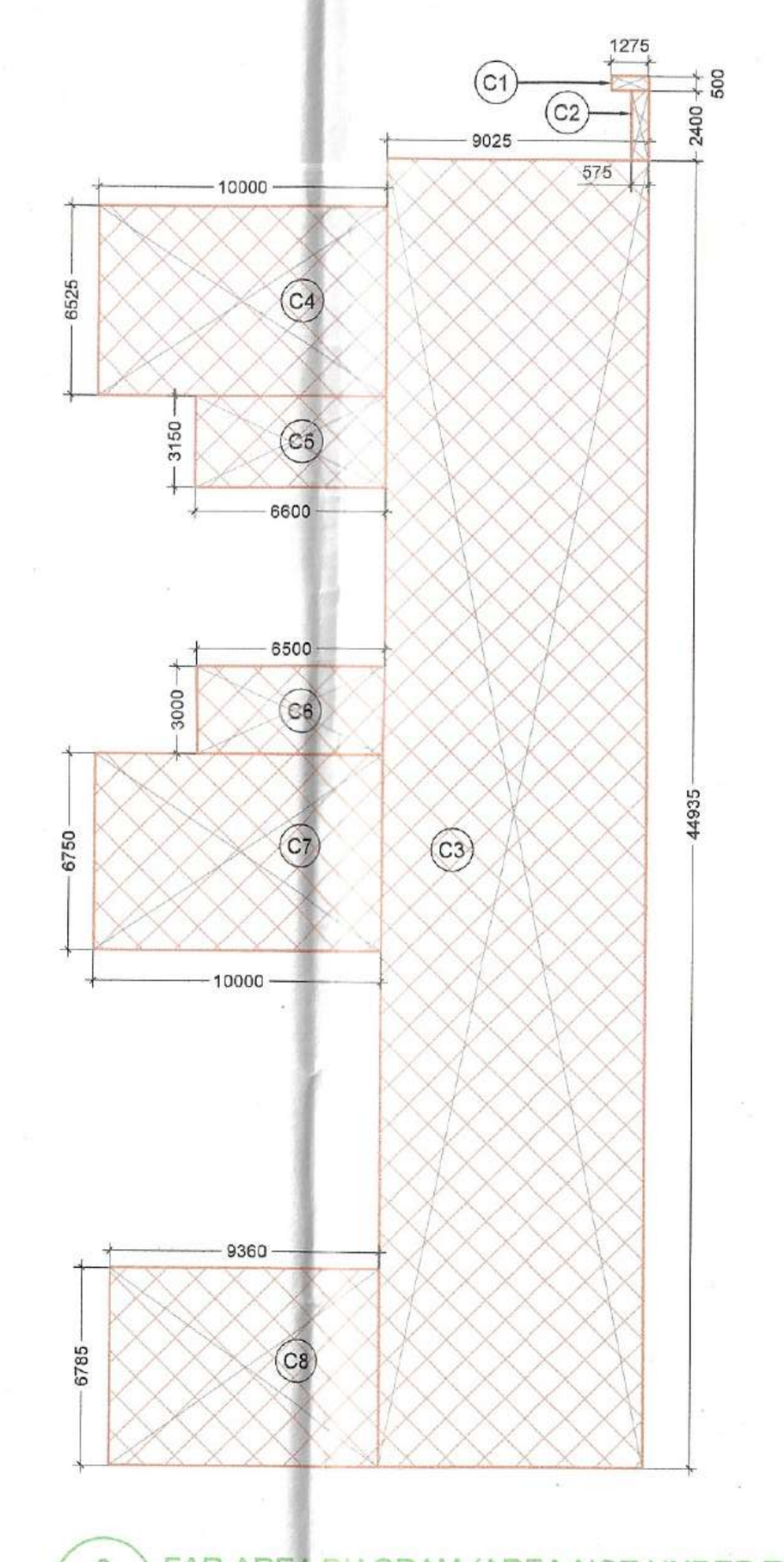
1 SECOND FLOOR PLAN
SCALE 1:250

S.NO	LOCATION	QUANTITY	DOOR/WINDOW NO.	CLEAR WIDTH (MM)	SILL (MM) FINISHED	LINTEL (MM)FINISHED	HEIGHT (MM)FINISHED	DOOR TYPE	FIRE RATING
	LEVEL 02 DOOR WINDOW SCHEDULE								
1	Electrical Room-02	1	FD1	1000	0	2400	2400	SINGLE	2 HOURS
2	Electrical Room-01, Service lift lobby-01,03	3	FD2	1300	0	2400	2400	SINGLE	2 HOURS
3	Ahu Room	1	FD4	1600	0	2400	2400	DOUBLE	2 HOURS
4	Retail Lift Lobby 02	1	FD6	2100	0	2400	2400	DOUBLE	2 HOURS
5	Low rise lift lobby, High rise lift lobby	2	FD6D	2100	0	2400	2400	DOUBLE	2 HOURS
6	Staircase 01-06, Service lift lobby-02	7	FD6A	2100	0	2400	2400	DOUBLE	2 HOURS
7	LV Shaft (El. RM-02), EL shaft(El RM-02), LV shaft (Retail lift lobby-02)	3	SD2	750	100	2400	2300	SINGLE	2 HOURS
8	LV Shaft (El. RM-01),LV Shaft (ST-02), Electrical shaft (ST-02), LV shaft (ST-04)	4	SD3	900	100	2400	2300	SINGLE	2 HOURS
9	Electrical Shaft (ST-02)	2	SD4A	1400	100	2400	2300	DOUBLE	2 HOURS
10	Earthing shaft (Service lift lobby-02))	1	SD4	1500	100	2400	2300	DOUBLE	2 HOURS
11	LV Shaft (ST-02, 03)	2	SD11	600	100	2400	2300	SINGLE	2 HOURS
12	JANITOR STORE	1	D1	750	0	2400	2400	SINGLE	
13	FOOD COURT SERVICE CORRIDOR	4	D3	1300	0	2400	2400	SINGLE	
14	MAIL TOILET, FEMALE TOILET, FOOD COURT KIOSKS	2	D4	1050	0	2400	2400	SINGLE	
15	HANDICAP. TOILET	1	D3B	1200	0	2400	2400	SINGLE	
16	FHC 01-15	15	D01A	900	0	2400	2400	SINGLE (Sliding)	
17	CDWP SHAFT(RETAIL LOBBY-02),CDWP SHAFT(EL.RM.-02)	2	SD1	750	100	2400	2300	SINGLE	
18	CDWP SHAFT (ST-06),RWP Shaft (Srevice lift lobby-02), PL SH(SL-01)	3	SD1A	900	100	2400	2300	SINGLE	
19	FIRE PIES SHAFT(SL LOBBY-02)	1	SD8	550	100	2400	2300	SINGLE	
20	CDWP (ST-01),CDWP (ST-04),CDWP (ST-02),PL SHAFT (ST-06), RWP(ST-03), CDWP (ST-03)	7	SD9	1000	100	2400	2300	SINGLE	
21	PL SHAFT (ST-04)	1	SD12	1500	100	2400	2300	DOUBLE	



2 FAR AREA DIAGRAM
SCALE 1:250

SANCTIONED FAR	5776.822	SQ.M.
WALL AREA NOT PART OF THIS OC	108.128	SQ.M.
ADDITION TO EXISTING FAR	7.840	SQ.M.
DEDUCTION FROM EXISTING FAR	22.141	SQ.M.
NET REVISED FAR AREA	5656.393	SQ.M.



3 FAR AREA DIAGRAM (AREA NOT UNDER THIS PART OC)
SCALE 1:250

2ND FLOOR FAR CALCULATION

2ND FLOOR FAR AREA = TOTAL ADDITION AREA - TOTAL DEDUCTION AREA

S.NO.	DESCRIPTION	QUANTITY	LENGTH A (M)	LENGTH B/ RADIUS (M)	WIDTH/HT/ ANGLE (M)	FORMULA	AREA (SQ.M.)
1	A1	1		117.340	112.750	Area Rectangle= L X B	13230.085
A	TOTAL AREA			ADDITION			13230.085
S.NO.	DESCRIPTION	QUANTITY	LENGTH A (M)	LENGTH B/ RADIUS (M)	WIDTH/HT/ ANGLE (M)	FORMULA	AREA (SQ.M.)
1	D01	1		4.470	4.000	As per plan/ Irregular	13.145
2	D02	1		2.700	4.000	Area Rectangle= L X B	10.800
3	D03	1		3.800	5.650	Area Rectangle= L X B	21.470
4	D04	1		7.000	5.100	Area Rectangle= L X B	35.700
5	D05	1		1.000	1.200	Area Rectangle= L X B	1.200
6	D06	1		2.900	2.250	Area Rectangle= L X B	6.525
7	D07	1		5.600	1.625	Area Rectangle= L X B	9.100
8	D08	1		3.000	0.750	Area Rectangle= L X B	2.250
9	D09	1		2.200	1.025	Area Rectangle= L X B	2.255
10	D10	1		1.080	7.610	Area Rectangle= L X B	8.219
11	D11	1		0.985	2.200	Area Rectangle= L X B	2.167
12	D12	1		1.080	1.100	Area Rectangle= L X B	1.188
13	D13	1		1.080	1.150	Area Rectangle= L X B	1.242
14	D14	1		5.300	5.100	As per plan/ Irregular	5.367
15	D15	3		0.850	0.700	Area Rectangle= L X B	1.785
16	D16	2		0.950	0.700	Area Rectangle= L X B	1.330
17	D17	1		1.200	1.500	Area Rectangle= L X B	1.800
18	D18	1		1.100	0.375	Area Rectangle= L X B	0.413
19	D19	1		1.100	0.675	Area Rectangle= L X B	0.743
20	D20	1		4.900	7.200	Area Rectangle= L X B	35.280
21	D21	1		0.650	1.475	Area Rectangle= L X B	0.959
22	D22	1		0.650	0.300	Area Rectangle= L X B	0.195
23	D23	1		0.950	1.800	Area Rectangle= L X B	1.710
24	D23b	1		0.950	1.975	Area Rectangle= L X B	1.876
25	D24	1		0.950	0.675	Area Rectangle= L X B	0.641
26	D25	1		0.950	1.100	Area Rectangle= L X B	1.045
27	D26	1		0.750	2.100	Area Rectangle= L X B	1.575
28	D27	2		2.400	2.100	Area Rectangle= L X B	10.080
29	D28	3		0.800	0.400	Area Rectangle= L X B	0.960
30	D29	1		0.650	1.250	Area Rectangle= L X B	0.813
31	D30	1		0.475	0.850	Area Rectangle= L X B	0.404
32	D31	3		0.600	0.850	Area Rectangle= L X B	1.530
33	D32	2		0.500	0.850	Area Rectangle= L X B	0.850
34	D33	1		0.900	0.950	Area Rectangle= L X B	0.855
35	D34	4		0.300	0.850	Area Rectangle= L X B	1.020
36	D35	1		1.250	0.650	Area Rectangle= L X B	0.813
37	D36	1		0.300	1.400	Area Rectangle= L X B	0.420
38	D37	1		1.250	0.650	Area Rectangle= L X B	0.813
39	D38	1		11.925	6.200	Area Rectangle= L X B	73.935
40	D39	1		0.550	0.400	Area Rectangle= L X B	0.220
41	D40	1		1.500	0.300	Area Rectangle= L X B	0.450
42	D41	1		1.100	0.900	Area Rectangle= L X B	0.990
43	D42	1		0.550	0.450	Area Rectangle= L X B	0.248
44	D43	1		0.900	0.450	Area Rectangle= L X B	0.405
45	D44	1		1.250	0.450	Area Rectangle= L X B	0.563
46	D45	1		4.100	0.450	Area Rectangle= L X B	1.845
47	D46	1		1.750	0.500	Area Rectangle= L X B	0.875
48	D47	1		1.500	1.000	Area Rectangle= L X B	1.500
49	D48	1		2.150	1.000	Area Rectangle= L X B	2.150
50	D49	1		5.800	6.100	Area Rectangle= L X B	35.380
51	D50	1		2.200	2.900	Area Rectangle= L X B	6.380
52	D51	1		2.200	1.450	Area Rectangle= L X B	3.190
53	D52	1		1.500	1.450	Area Rectangle= L X B	2.175
54	D53	1		1.500	3.500	Area Rectangle= L X B	5.250
55	D54	1		1.500	0.600	Area Rectangle= L X B	0.900
56	D55	1		0.350	2.050	Area Rectangle= L X B	0.718
57	D56	1		0.300	0.600	Area Rectangle= L X B	0.180
58	D57	1		1.350	0.900	Area Rectangle= L X B	1.215
59	D58	1		4.890	2.350	Area Rectangle= L X B	11.492
60	D59	2		0.900	1.000	Area Rectangle= L X B	1.800
61	D60	1		0.900	1.390	Area Rectangle= L X B	1.251
62	D61	1		0.900	1.000	Area Rectangle= L X B	0.900
63	D62	1		7.680	1.650	Area Rectangle= L X B	12.672
64	D63	1		0.300	1.450	Area Rectangle= L X B	0.435
65	D64	1		4.800	5.400	Area as per Plan	4.940
66	D65	1		0.875	5.400	Area Rectangle= L X B	4.725
67	D66	1		0.850	2.500	Area Rectangle= L X B	2.125
68	D67	1		2.900	2.200	Area Rectangle= L X B	6.380
69	D68	1		1.550	2.500	Area Rectangle= L X B	3.875
70	D69						
71	D70						
72	D71						
73	D72						
74	D73	1		1.400	1.850	Area Rectangle= L X B	2.590
75	D74	1		1.400	0.900	Area Rectangle= L X B	1.260
76	D75	1		1.200	1.250	Area Rectangle= L X B	1.500
77	D75b	1		0.600	1.500	Area Rectangle= L X B	0.900
78	D76						
79	D77						
80	D78	1		6.400	5.800	Area Rectangle= L X B	37.120
81	D79	1		0.600	2.200	Area Rectangle= L X B	1.320
82	D80	1		2.750	2.800	Area Rectangle= L X B	7.700
83	D81						
84	D82	1		0.350	2.100	Area Rectangle= L X B	0.735
85	D83	1		0.300	0.350	Area Rectangle= L X B	0.105
86	D84						
87	D85	3		0.300	0.800	Area Rectangle= L X B	0.720
88	D86	1		0.350	0.900	Area Rectangle= L X B	0.315
89	D87	1		0.450	1.000	Area Rectangle= L X B	0.450
90	D88	1		7.000	4.900	Area Rectangle= L X B	34.300
91	D89	1		0.975	1.000	Area Rectangle= L X B	0.975
92	D90	1		0.750	1.050	Area Rectangle= L X B	0.788
93	D91	1		4.400	1.050	Area Rectangle= L X B	4.620
94	D92	1		1.450	1.050	Area Rectangle= L X B	1.523
95	D93	1		1.100	0.850	Area Rectangle= L X B	0.935
96	D94	1		6.400	5.800	Area Rectangle= L X B	37.120
97	D95	1		1.350	1.150	Area Rectangle= L X B	1.553
98	D96	1		1.350	0.950	Area Rectangle= L X B	1.283
99	D97	1		1.350	1.000	Area Rectangle= L X B	1.350
100	D98	1		2.200	0.950	Area Rectangle= L X B	2.090
101	D99	1		2.200	0.300	Area Rectangle= L X B	0.660
102	D100	1		0.955	1.000	Area Rectangle= L X B	0.955
103	D101	1		1.100	0.400	Area Rectangle= L X B	0.440
104	D102	1		1.050	1.000	Area Rectangle= L X B	1.050
105	D103	1		0.800	0.800	Area Rectangle= L X B	0.640
106	D104	1		39.550	21.600	Area Rectangle= L X B	854.280
107	D105	1		14.200	23.095	Area Rectangle= L X B	327.949
108	D106	1		12.400	31.100	Area Rectangle= L X B	385.640
109	D107	1		44.500	22.325	Area Triangle= 1/2 X (Length X Width)	496.731
110	D108	1		1.800	16.770	Area Rectangle= L X B	30.186
111	D109	1		7.250	55.550	Area Rectangle= L X B	402.738
112	D110	1	29.540	27.855	2.730	Area Trapezium= (Sum of parallel side) X H/2	78.344
113	D111	1	27.855	33.935	12.120	Area Trapezium= (Sum of parallel side) X H/2	374.447
114	D112	1		24.465	46.325	Area Rectangle= L X B	1133.341
115	D113	1		25.155	57.865	Area Rectangle= L X B	1455.594
116	D114	1		48.365	10.800	Area Rectangle= L X B	522.342
117	D115	1		5.935	8.485	Area Rectangle= L X B	50.358
118	D116	1		0.840	6.685	Area Rectangle= L X B	5.615
119	D117	1		1.115	64.550	Area Rectangle= L X B	71.973
120	D118	1		1.800	33.800	Area Rectangle= L X B	60.840
121	D119	1		83.020	1.800	Area Rectangle= L X B	149.436
122	D120						
123	D121	1		0.875	3.150	Area Rectangle= L X B	2.756
124	D122	1		1.500	1.990	Area Rectangle= L X B	2.985
125	D123	2		0.575	0.595	Area Rectangle= L X B	0.684
126	D124	1		1.325	1.440	Area Rectangle= L X B	1.908
127	D125	1		2.000	0.500	Area Rectangle= L X B	1.000
128	D126	1		1.550	2.100	Area Rectangle= L X B	3.255
129	D127	1		0.300	0.555	Area Rectangle= L X B	0.167
130	D128	1		0.445	0.600	Area Rectangle= L X B	0.267
B	TOTAL AREA			DEDUCTION			6935.530
C	2ND FLOOR AREA UNDER BROWN HATCH (NOT PART OF THIS PART OC)						644.140
D	2ND FLOOR FAR						5650.415

2ND FLOOR AREA UNDER BROWN HATCH (NOT PART OF THIS PART OC)

S.NO.	DESCRIPTION	QUANTITY	LENGTH A (M)	LENGTH B/	WIDTH/HT/ ANGLE	FORMULA	AREA (SQ.M.)
1	C1	1		1.275	0.500	Area Rectangle= L X B	0.638
2	C2	1		0.575	2.400	Area Rectangle= L X B	1.380
3	C3	1		9.025	44.935	Area Rectangle= L X B	405.575
4	C4	1		10.000	6.525	Area Rectangle= L X B	65.250
5	C5	1		6.600	3.150	Area Rectangle= L X B	20.790
6	C6	1		6.500	3.000	Area Rectangle= L X B	19.500
7	C7	1		10.000	6.750	Area Rectangle= L X B	67.500
8	C8	1		9.360	6.785	Area Rectangle= L X B	63.508
C	2ND FLOOR AREA UNDER BROWN HATCH (NOT PART OF THIS PART OC)						644.140

TOTAL REQUIREMENT/PROPOSAL FOR GROUND FLOOR (SHOPPING BUILDING)

C					
		WC			Ref. from NBC Vol-2, Part 9,Table 15 (Clause 4.2.5.1)
	Male	Female	Total		
REQUIRED	16	12	28		
PROPOSED	17	13	30		
		WB			
	Male	Female	Total		
REQUIRED	16	12	28		
PROPOSED	16	12	28		
		URINAL			
	Male	Female	Total		
REQUIRED	15	0	15		
PROPOSED	17	0	17		

TOILET CALCULATION FOR 2ND FLOOR

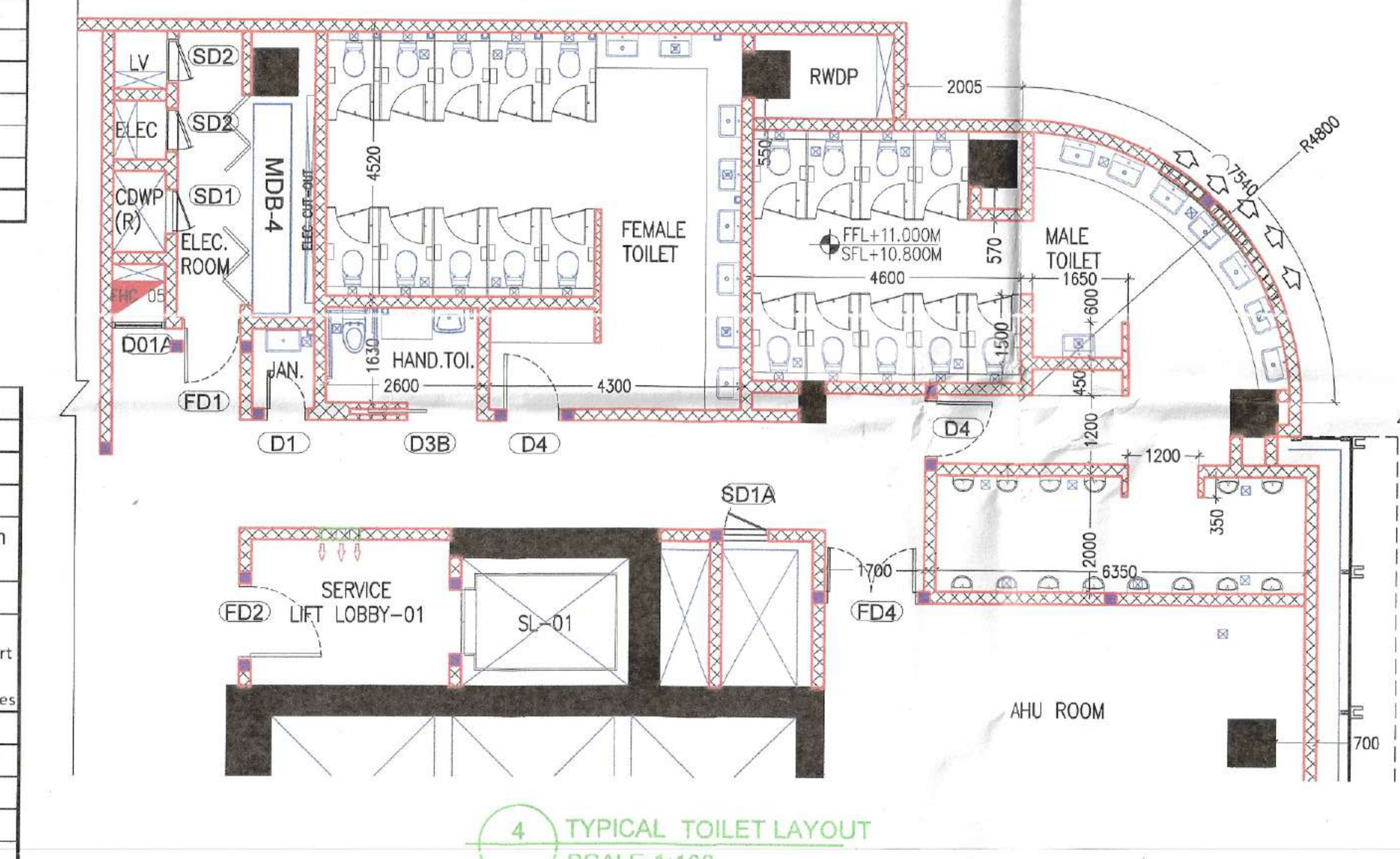
A	STAFF TOILET FOR SHOPPING BUILDING					
	WC for Male	WB for Male	Urinal	WC for Female	WB for Female	
REQUIRED	4	4	3	4	4	
B	PUBLIC TOILET FOR SHOPPING BUILDING					
	WC for Male	WB for Male	Urinal	WC for Female	WB for Female	Ref. from NBC Vol-2, Part 9,Table 15 (Clause 4.2.5.1)
REQUIRED	12	12	12	8	8	
C	TOTAL TOILET REQUIREMENT FOR SECOND FLOOR					
	WC for Male	WB for Male	Urinal	WC for Female	WB for Female	
REQUIRED	16	16	15	12	12	

1 HANDICAPED TOILET IS PROVIDED PER RETAIL FLOOR,WHOSE WC & WB ARE COUNTED IN MALE/FEMALE TOILET CALCULATION

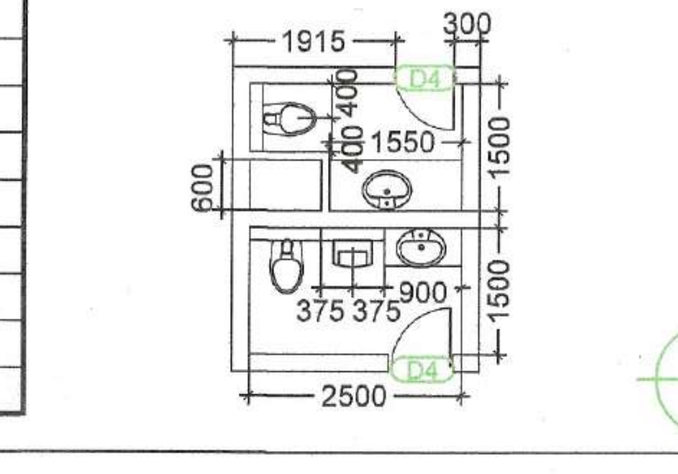
2ND FLOOR OCCUPANT CALCULATION

MERCHANTILE-OCCUPANCY TYPE D6 UNDER NATIONAL BUILDING CODE 2016

DINING AREA	457	SQ.M.	As/CAD plan	
RETAIL AREA	5193.452	SQ.M.	Balance FAR area shown in Retail	
OCCUPANT LOAD				
DINING HALL	1.8	SQ.M/PERSON	For Occupant load,Ref.from NBC Part 4,Fire & Life Safety,Clause 4.3 Occupant load,Table 3 & its footnotes	
RETAIL	6	SQ.M/PERSON		
POPULATION				
DINING HALL	254	PERSON		
RETAIL	866	PERSON		
TOTAL	1119	PERSON		
POPULATION BREAK-UP				
STAFF	10%	112		
MALE (staff)	60%	67		
FEMALE (Staff	40%	45		
FLOATING	90%	1008		
MALE	60%	605		
FEMALE	40%	403		
TOTAL MALE		672		
TOTAL FEMALE		448		



4 TYPICAL TOILET LAYOUT
SCALE 1:100



5 TYPICAL TOILET LAYOUT
SCALE 1:100

ATP
AD
JE
DTP

ARCHITECT:

DESIGN FORUM INTERNATIONAL
K-47, KAILASH COLONY, NEW DELHI
TEL : 011 - 46556600

STRUCTURE CONSULTANT:

VINTECH CONSULTANTS
C 35, PAMPOSH ENCLAVE, GREATER KAILASH I, NEW DELHI, DELHI 110048
Tel :011 4314 1516

MEP CONSULTANT:

SANELAC CONSULTANTS PVT LTD
C-64/2, Okhla Industrial Area, Phase-II
New Delhi-110020
Tel : 26385310, 40503859

NOTES:
1. ALL DIMENSIONS ARE IN MM.
2. GATE AND BOUNDARY WALL SHALL BE AS PER STANDARD DESIGN.
3. SPRINKLERS WILL BE PROVIDED IN ENTIRE BUILDING INCLUDING BASEMENTS AS PER N.B.C.
4. RAIN WATER HARVESTING SYSTEM WILL BE PROVIDED AS PER APPLICABLE NORMS.
5. 100% POWER BACK UP WILL BE PROVIDED FOR LIFTS & ESSENTIAL SERVICE AREAS.
6. DISABLED RAMP @ 1:12 SLOPE WITH 900MM HIGH RAILING.
7. ALL BUILDINGS ARE MECHANICALLY VENTILATED AND FULLY AIR CONDITIONED.

PROJECT:

PART OCCUPATION CERTIFICATE OF (GROUND FLOOR TO 3rd FLOOR), BASEMENT-1 & 2, FALLING IN THE COMMERCIAL COLONY OVER AN AREA MEASURING 4.418 ACRES (LICENCE NO. 197 OF 2008 DATED 05.12.2008) IN SECTOR 66, GURUGRAM DEVELOPED BY R.C.SOOD & COMPANY PVT. LTD. C/O ADVANCE INDIA PROJECTS LTD.

ARCHITECT'S SIGNATURE:

CLIENT'S SIGNATURE:

Advance India Projects Limited
Authorised Signatory

DRAWING TITLE:

SECOND FLOOR PLAN
(FAR AREA)

DRAWING NO:

17.A

NORTH:

SCALE:
AS MENTION

DATE:
31/07/2023