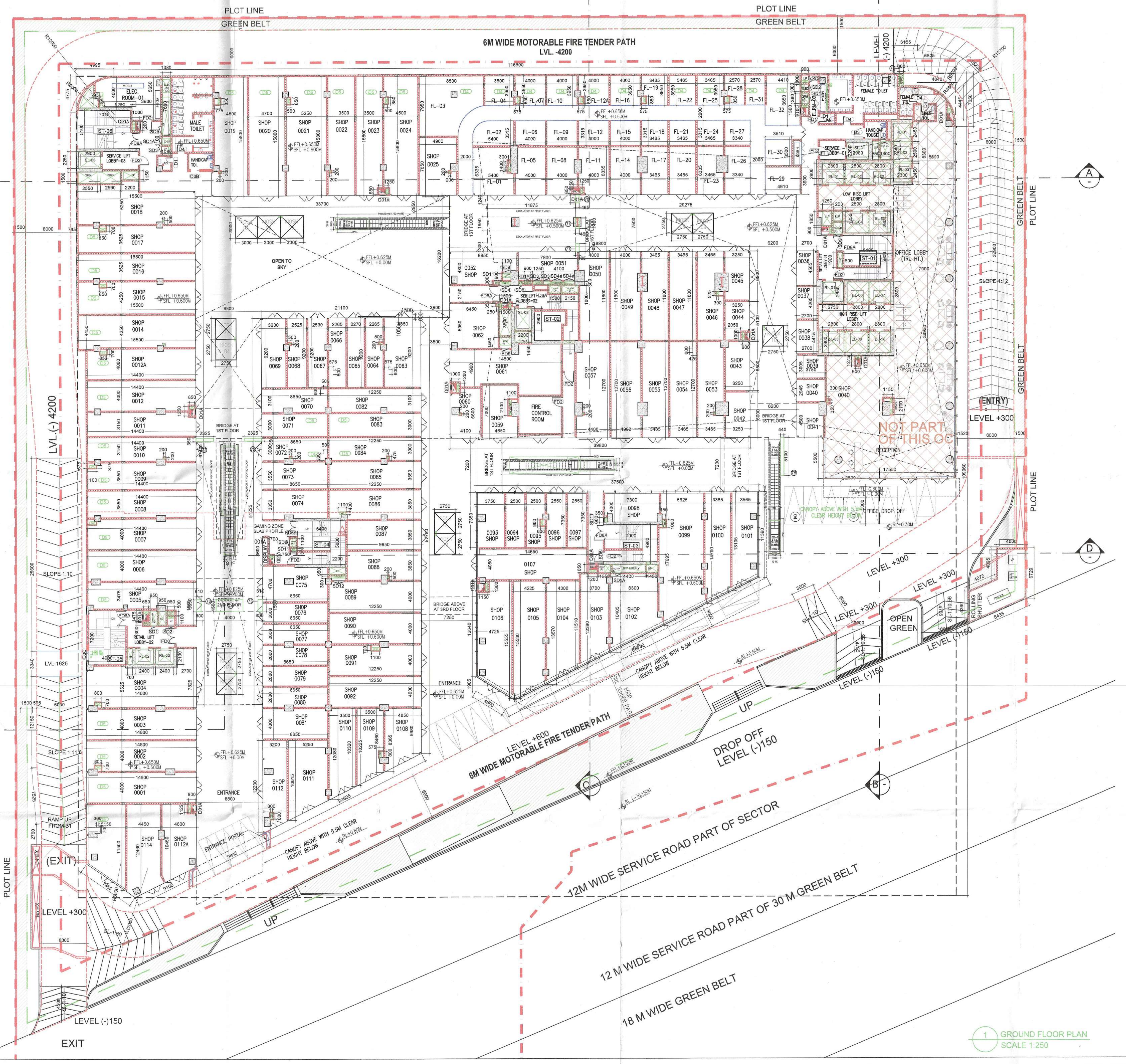
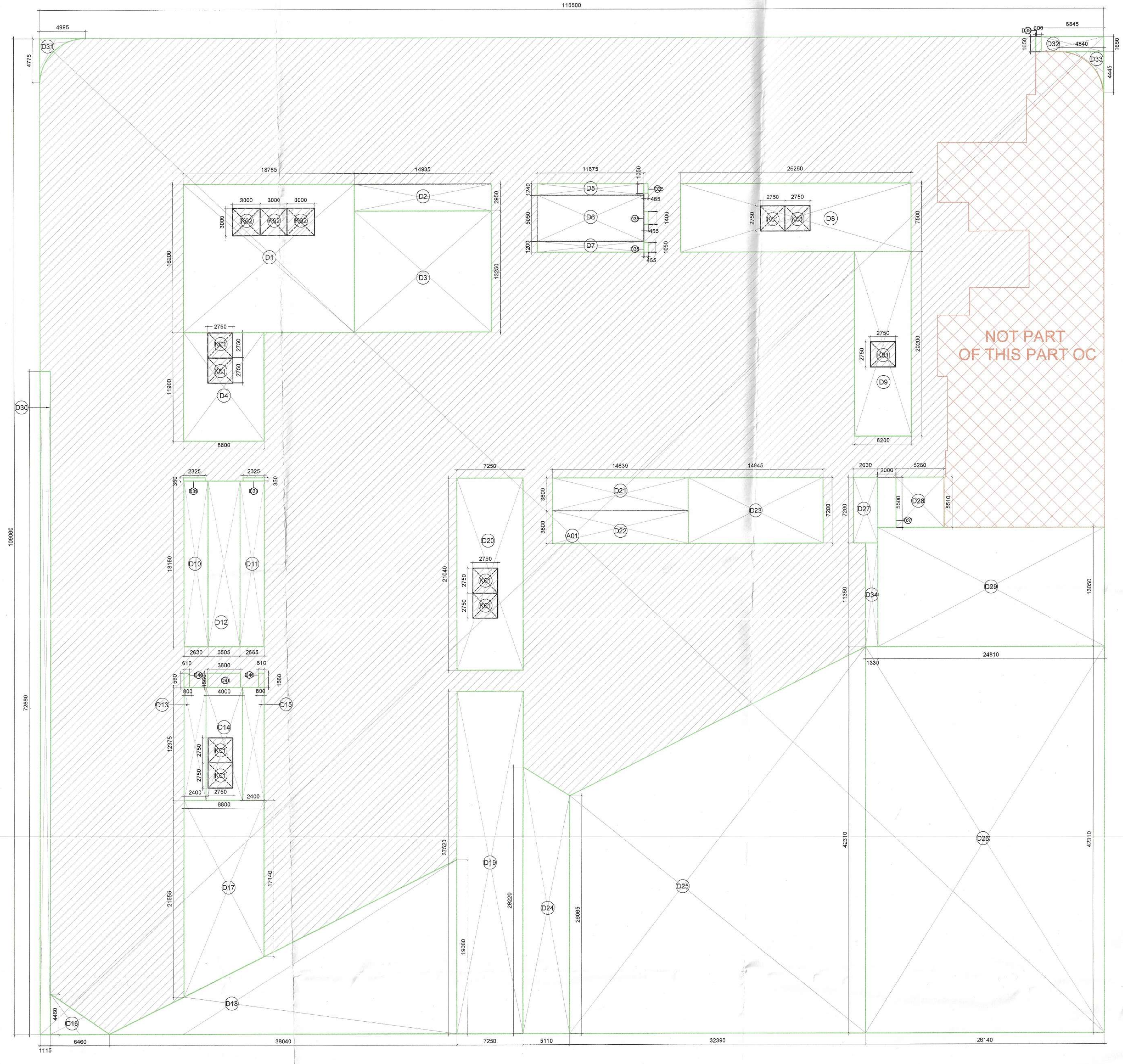
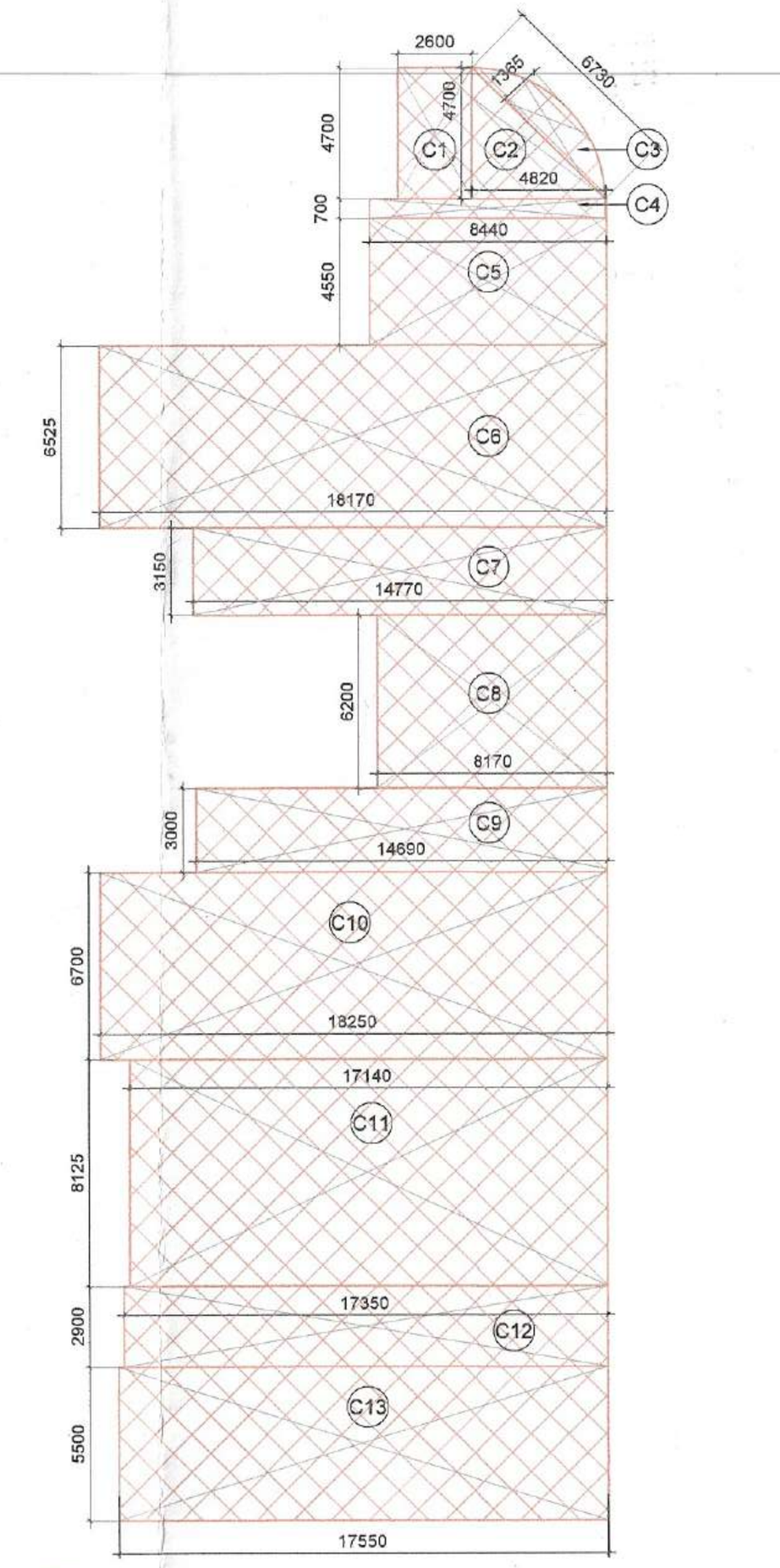


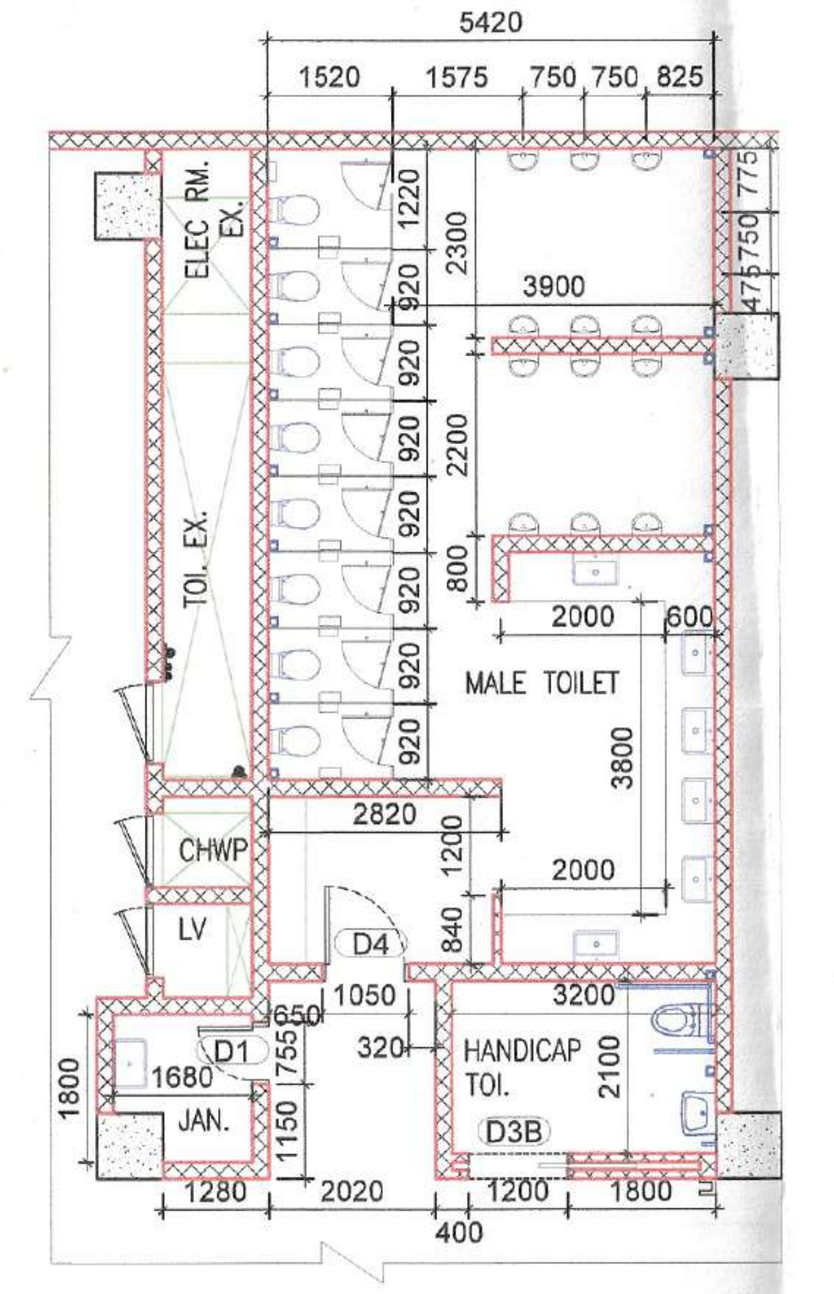
1 GROUND FLOOR PLAN
SCALE 1:250



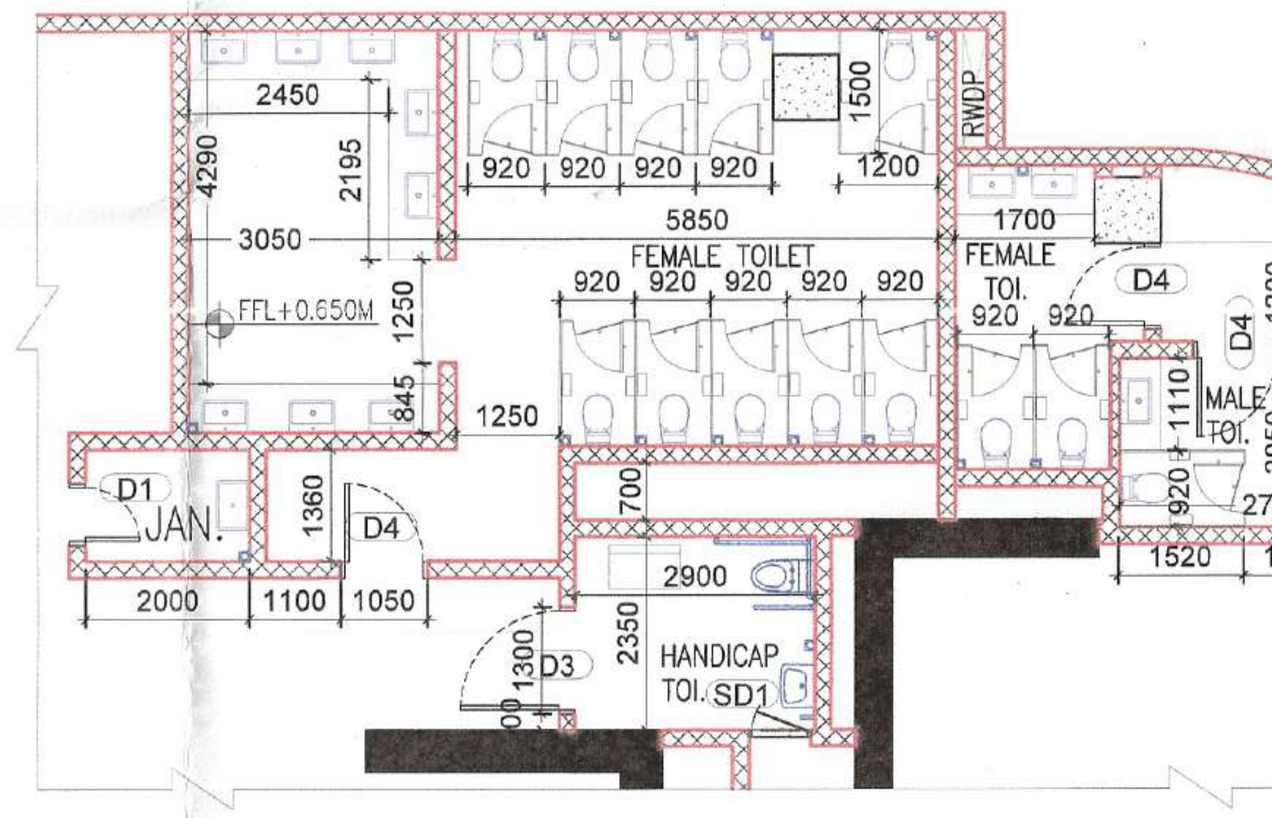
2 FAR AREA DIAGRAM
SCALE 1:250



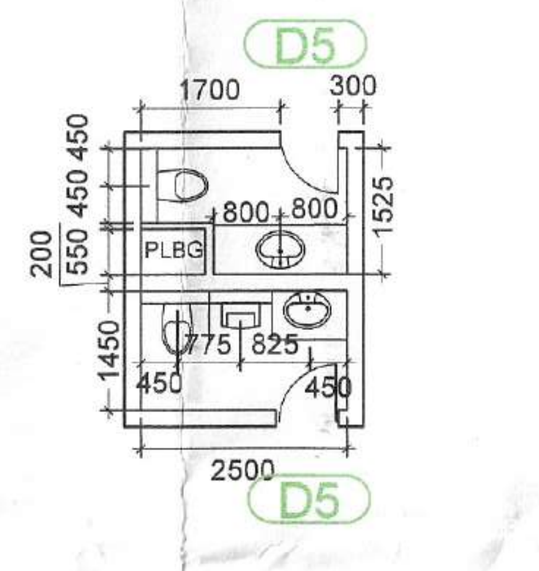
3 FAR AREA DIAGRAM (AREA NOT UNDER THIS PART OC)
SCALE 1:250



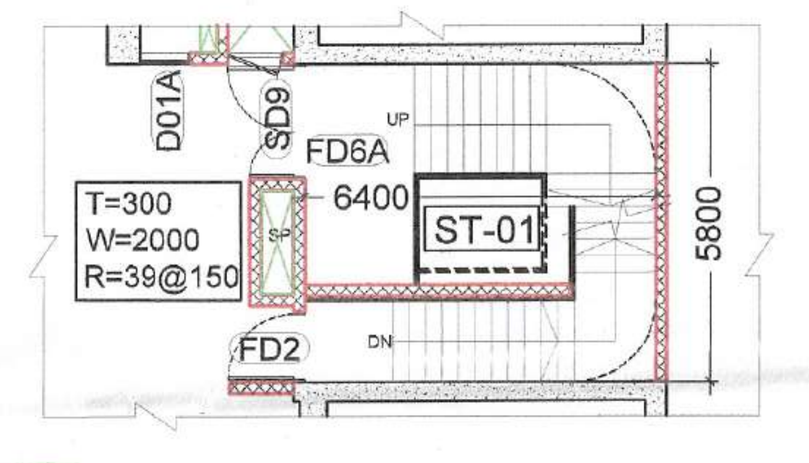
4 TYPICAL TOILET LAYOUT
SCALE 1:100



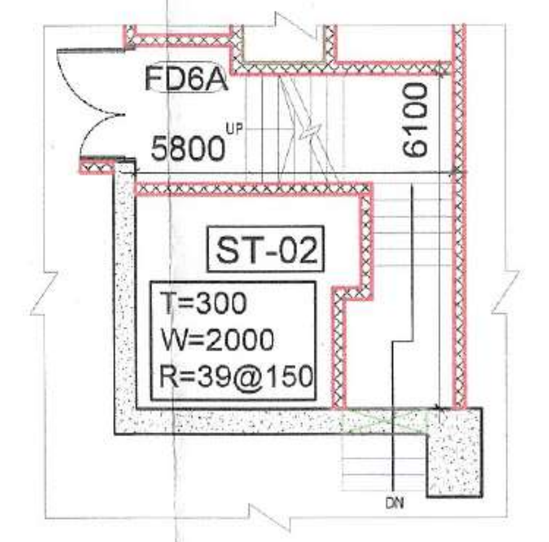
5 TYPICAL TOILET LAYOUT
SCALE 1:100



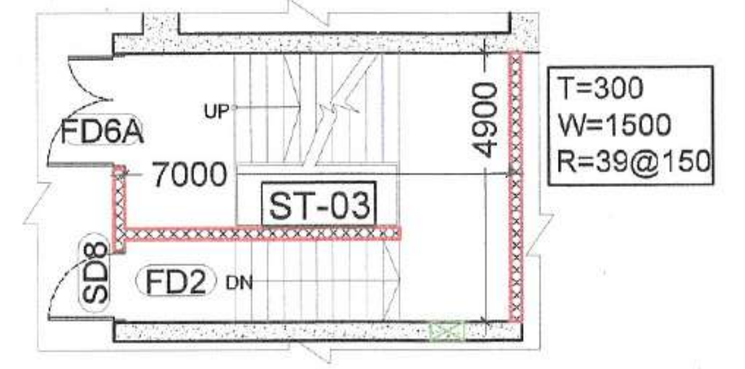
6 TYPICAL TOILET LAYOUT
SCALE 1:100



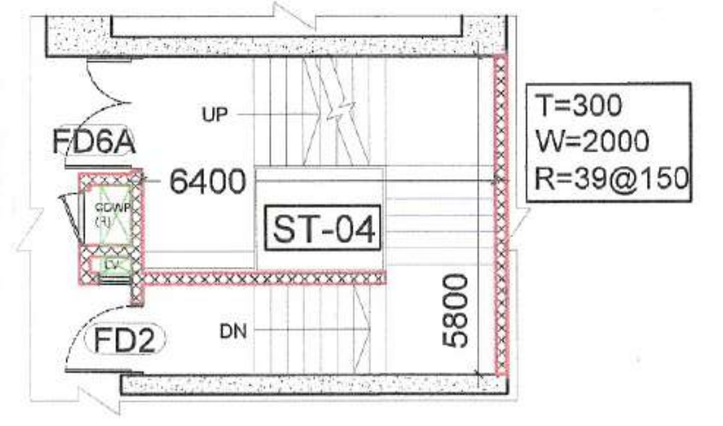
7 ST-01 GROUND LEVEL FLOOR PLAN
SCALE 1:150



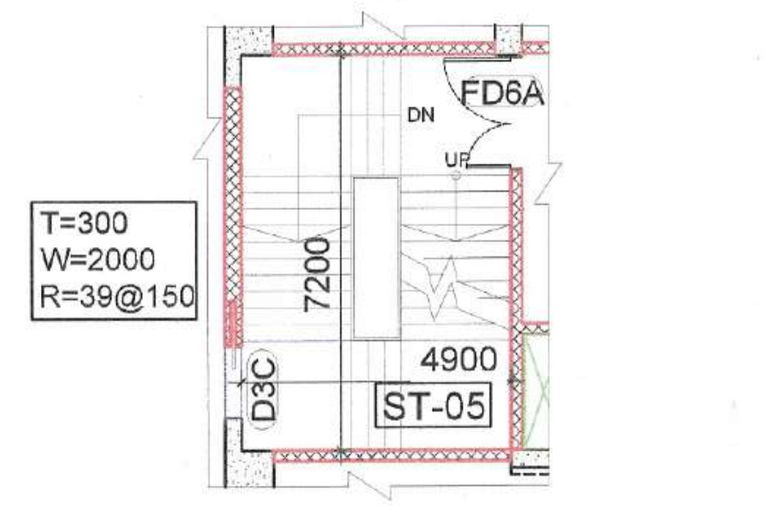
8 ST-02 GROUND LEVEL FLOOR PLAN
SCALE 1:150



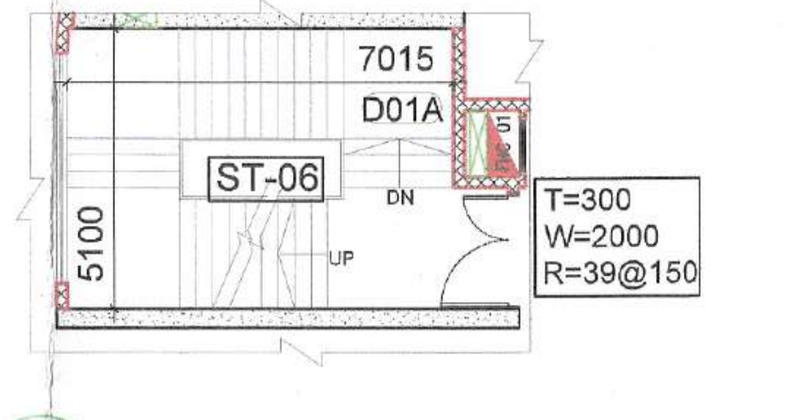
9 ST-03 GROUND LEVEL FLOOR PLAN
SCALE 1:150



10 ST-04 GROUND LEVEL FLOOR PLAN
SCALE 1:150



11 ST-05 GROUND LEVEL FLOOR PLAN
SCALE 1:150



12 ST-06 GROUND LEVEL FLOOR PLAN
SCALE 1:150

GROUND FLOOR FAR CALCULATION							
GROUND 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		116.500	109.060	Area Rectangle= L X B	12705.490
	K01	9		2.750	2.750	Area Rectangle= L X B	68.063
	K02	3		3.000	3.000	Area Rectangle= L X B	27.000
A	TOTAL AREA	ADDITION					12800.553
S.NO.	DESCRIPTION	QUANTITY	LENGTH A (M)	LENGTH B/ RADIUS (M)	WIDTH/HT/ ANGLE (M)	FORMULA	AREA (SQ.M.)
1	D01	1		18.765	16.200	Area Rectangle= L X B	303.993
2	D02	1		14.935	2.950	Area Rectangle= L X B	44.058
3	D03	1		14.935	13.250	Area Rectangle= L X B	197.889
4	D04	1		8.800	11.900	Area Rectangle= L X B	104.720
5	D05	1		11.675	1.240	Area Rectangle= L X B	14.477
6	D06	1		11.675	5.050	Area Rectangle= L X B	58.959
7	D07	1		11.675	1.200	Area Rectangle= L X B	14.010
8	D08	1		25.250	7.500	Area Rectangle= L X B	189.375
9	D09	1		6.200	20.200	Area Rectangle= L X B	125.240
10	D10	1		18.150	2.630	Area Rectangle= L X B	47.735
11	D11	1		18.150	2.665	Area Rectangle= L X B	48.370
12	D12	1		3.505	5.185	Area Rectangle= L X B	18.173
13	D13	1		2.400	12.375	Area Rectangle= L X B	29.700
14	D14	1		4.000	12.375	Area Rectangle= L X B	49.500
15	D15	1		2.400	12.375	Area Rectangle= L X B	29.700
16	D16	1		6.460	4.460	Area Triangle- L X B/2	14.406
17	D17	1	21.555	17.140	8.800	Area Trapezium= (Sum of parallel side) X H/2	170.258
18	D18	1		38.040	19.080	Area Triangle- L X B/2	362.902
20	D19	1		7.250	37.520	Area Rectangle= L X B	272.020
21	D20	1		7.250	21.040	Area Rectangle= L X B	152.540
22	D21	1		14.830	3.600	Area Rectangle= L X B	53.388
23	D22	1		14.830	3.600	Area Rectangle= L X B	53.388
24	D23	1		14.845	7.200	Area Rectangle= L X B	106.884
25	D24	1	29.220	26.065	5.110	Area Trapezium= (Sum of parallel side) X H/2	141.253
26	D25	1	26.065	42.310	32.390	Area Trapezium= (Sum of parallel side) X H/2	1107.333
27	D26	1		26.140	42.310	Area Rectangle= L X B	1105.983
28	D27	1		2.630	7.200	Area Rectangle= L X B	18.936
29	D28	1		5.260	5.510	Area Rectangle= L X B	28.983
30	D29	1		24.810	13.050	Area Rectangle= L X B	323.771
31	D30	1		1.115	72.660	Area Rectangle= L X B	81.016
32	D31	1		4.995	4.775	X by Y (Irregualr)	5.340
33	D32	1		6.845	1.650	Area Rectangle= L X B	11.294
34	D33	1		4.840	4.445	X by Y (Irregualr)	5.093
35	D34	1		1.330	11.350	Area Rectangle= L X B	15.096
36	D35	2		0.465	1.050	Area Rectangle= L X B	0.977
37	D36	1		0.465	1.400	Area Rectangle= L X B	0.651
38	D37	1		2.000	5.500	Area Rectangle= L X B	11.000
39	D38	1		0.600	1.650	Area Rectangle= L X B	0.990
40	D39	1		0.350	2.325	Area Rectangle= L X B	0.814
41	D40	2		0.610	1.560	Area Rectangle= L X B	1.903
42	D41	1		3.600	1.560	Area Rectangle= L X B	5.616
B	TOTAL AREA	DEDUCTION					5327.732
C	GROUND FLOOR AREA UNDER BROWN HATCH (NOT PART OF THIS PART OC)						741.953
D	GROUND FLOOR FAR						6730.868

GROUND FLOOR AREA UNDER BROWN HATCH (NOT PART OF THIS PART OC)							
S.NO.	DESCRIPTION	QUANTITY	LENGTH A (M)	LENGTH B/	WIDTH/HT/	FORMULA	AREA (SQ.M.)
1	C1	1		2.600	4.700	Area Rectangle= L X B	12.220
2	C2	1		4.820	4.700	Area Triangle= 0.5 X B X H	11.327
3	C3	1		6.730	1.365	X by Y (Irregular)	6.312
4	C4	1		8.440	0.700	Area Rectangle= L X B	5.908
5	C5	1		8.440	4.550	Area Rectangle= L X B	38.402
6	C6	1		18.170	6.525	Area Rectangle= L X B	118.559
7	C7	1		14.770	3.150	Area Rectangle= L X B	46.526
8	C8	1		8.170	6.200	Area Rectangle= L X B	50.654
9	C9	1		14.690	3.000	Area Rectangle= L X B	44.070
10	C10	1		18.190	6.700	Area Rectangle= L X B	121.873
11	C11	1		17.140	8.125	Area Rectangle= L X B	139.263
12	C12	1		17.350	2.900	Area Rectangle= L X B	50.315
13	C13	1		17.550	5.500	Area Rectangle= L X B	96.525
C	GROUND FLOOR AREA UNDER BROWN HATCH (NOT PART OF THIS PART OC)						741.953

GROUND FLOOR RETAIL - OCCUPANCY CALCULATION				
SHOPPING MALL & RETAIL BUILDINGS - UNDER NATIONAL BUILDING CODE 2016				
GROUND FLOOR AREA		6877.402	SQ.M.	NOTES
OCCUPANT LOAD		3	SQ.M/PERSON	For Occupant load, Ref. from NBC Part4, Fire & Life Safety, Table 03
TOTAL POPULATION		2292	PERSONS	
MALE	60%	138	229	STAFF - 10%
FEMALE	40%	92		
MALE	60%	1238	2063	FLOATING - 90%
FEMALE	40%	825		

A	STAFF TOILET FOR GROUND FLOOR (SHOPPING BUILDING)					
	Staff Population (10%)				229	Ref. from NBC Vol-2, Part 9,Table 15 (Clause 4.2.5.1)
NOTE:	Population Ratio of Male & Female is 60:40					
	Male staff population				138	
	Female staff population				92	
	WC for Male	WB for Male	Urinal	WC for Female	WB for Female	
REQUIRED	7	7	6	6	7	

B	PUBLIC TOILET FOR GROUND FLOOR (SHOPPING BUILDING)					
	Floating Population (90%)				2063	Ref. from NBC Vol-2, Part 9,Table 15 (Clause 4.2.5.1)
NOTE:	Population Ratio of Male & Female is 60:40					
	Male floating population				1238	
	Female floating population				825	
	WC for Male	WB for Male	Urinal	WC for Female	WB for Female	
	25	15	25	17	17	

C	TOTAL REQUIREMENT/PROPOSAL FOR GROUND FLOOR (SHOPPING BUILDING)			
	WC			Ref. from NBC Vol-2, Part 9,Table 15 (Clause 4.2.5.1)
	Male	Female	Total	
REQUIRED	32	23	54	
PROPOSED	35	24	59	
	WB			
	Male	Female	Total	
REQUIRED	32	24	55	
PROPOSED	35	24	59	
	URINAL			
	Male	Female	Total	
REQUIRED	31	0	31	
PROPOSED	41	0	41	

GROUND FLOOR EXIT WIDTH CALCULATION				
MERCHANTILE-OCCUPANCY TYPE D6 UNDER NBC 2016				
Total population		2292	Persons	For occupancy load, Ref. from NBC Part 4, Fire & Life safety, Table 3
Unit width required as/NBC		10	MM	
TOTAL EXIT WIDTH REQUIRED		22920	MM	
EXIT PROVIDED				
1	Staircases	Not applicable	Ground floor	Clear opening is only for retail areas which are courtyard facing. All the retail areas facing directly outside do not require any opening width
2	Passages	8.8 M	North side	
		7.25 M	North side	
		6.2 M	North side	
		7.5 M	West side	
Total		29.75	Meter wide clear opening	

STAIRCASE SUMMARY											
SR.NO.	STAIRCASE	WIDTH(MM) (B05-B01)	(B01-Ground)	Ground-2nd	2nd-3rd	3rd-4th	4th-Terrace	SEGREGATION ON	TYPE		NOTE
1	ST-01	2000	1500	2000	2000	1950	1950	G.F.	Fire Staircase	All staircases are pressurised	OUT OF TOTAL 6 STAIRCASES, 2 STAIRCASES (ST-02,ST-03) ARE SEGREGATED AT GROUND FLOOR IN OPEN TO SKY AREA & ST-06 IS SEGREGATED AT B01 IN OPEN TO SKY. THUS NBC REQUIREMENT OF MIN. 50% STAIRCASES OPENING DIRECTLY INTO OPEN TO SKY AREA IS MET.
2	ST-02	2000	2000	2000	2000	1500	1500	G.F.	Fire Staircase		
3	ST-03	1500	1500	2000	2000	Teminates	N.A.	G.F.	Fire Staircase		
4	ST-04	2000	1500	2000	2000	2000	Teminates	G.F.	Fire Staircase		
5	ST-05	2000	2000	2000	2000	2000	Teminates	B01(Staircase released near open to sky road)	Fire Staircase		
6	ST-06	2000	2000	2000	2000	2000	Teminates	B01(Staircase released in driveway open to sky)	Fire Staircase		

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-I, New Delhi-110020
Tel : 26385310, 40503959

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:
GROUND FLOOR PLAN
(FAR AREA)

DRAWING NO:
15.A

NORTH:

SCALE:
AS MENTION

DATE:
31/07/2023

DTP
ATP
AD (Bldg)
JE