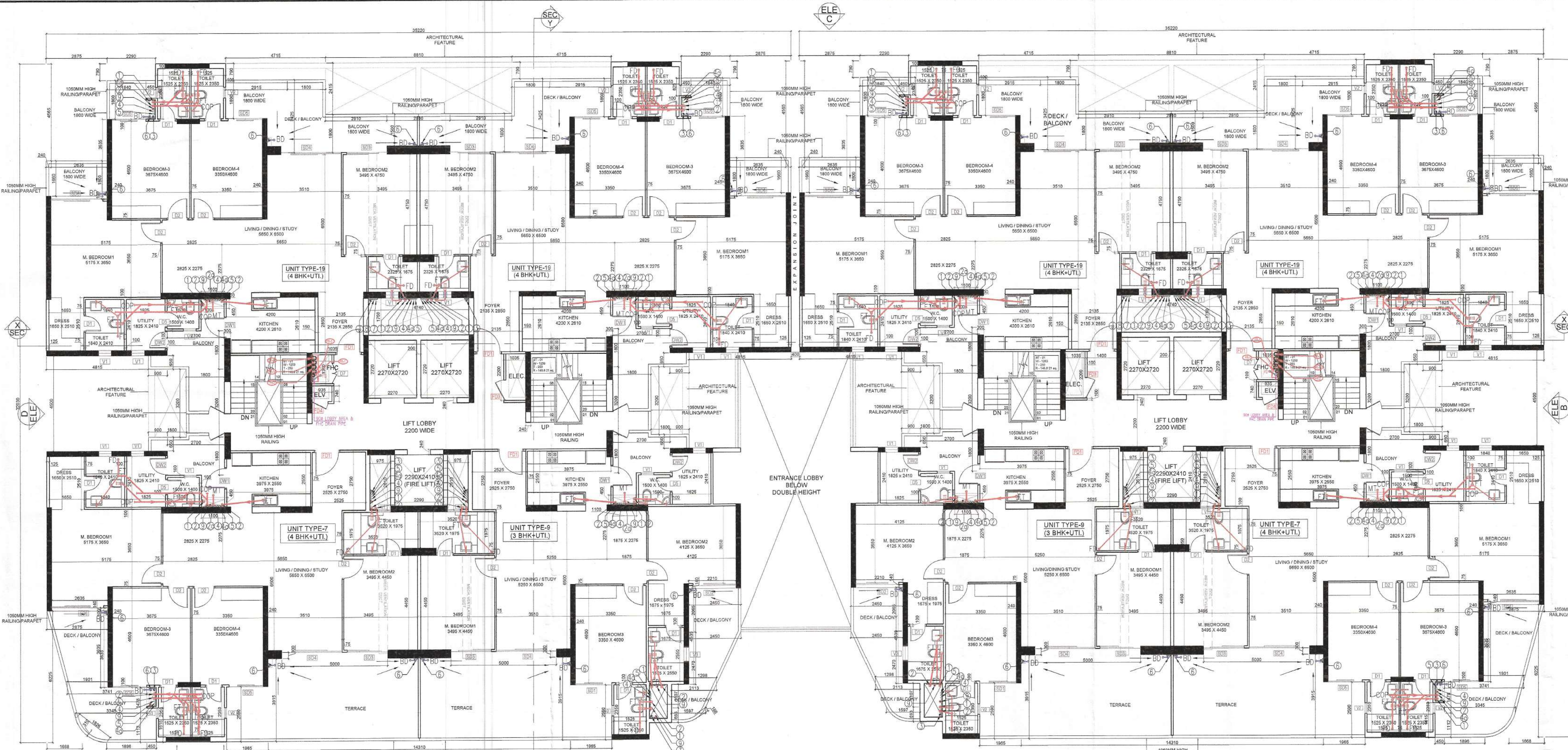
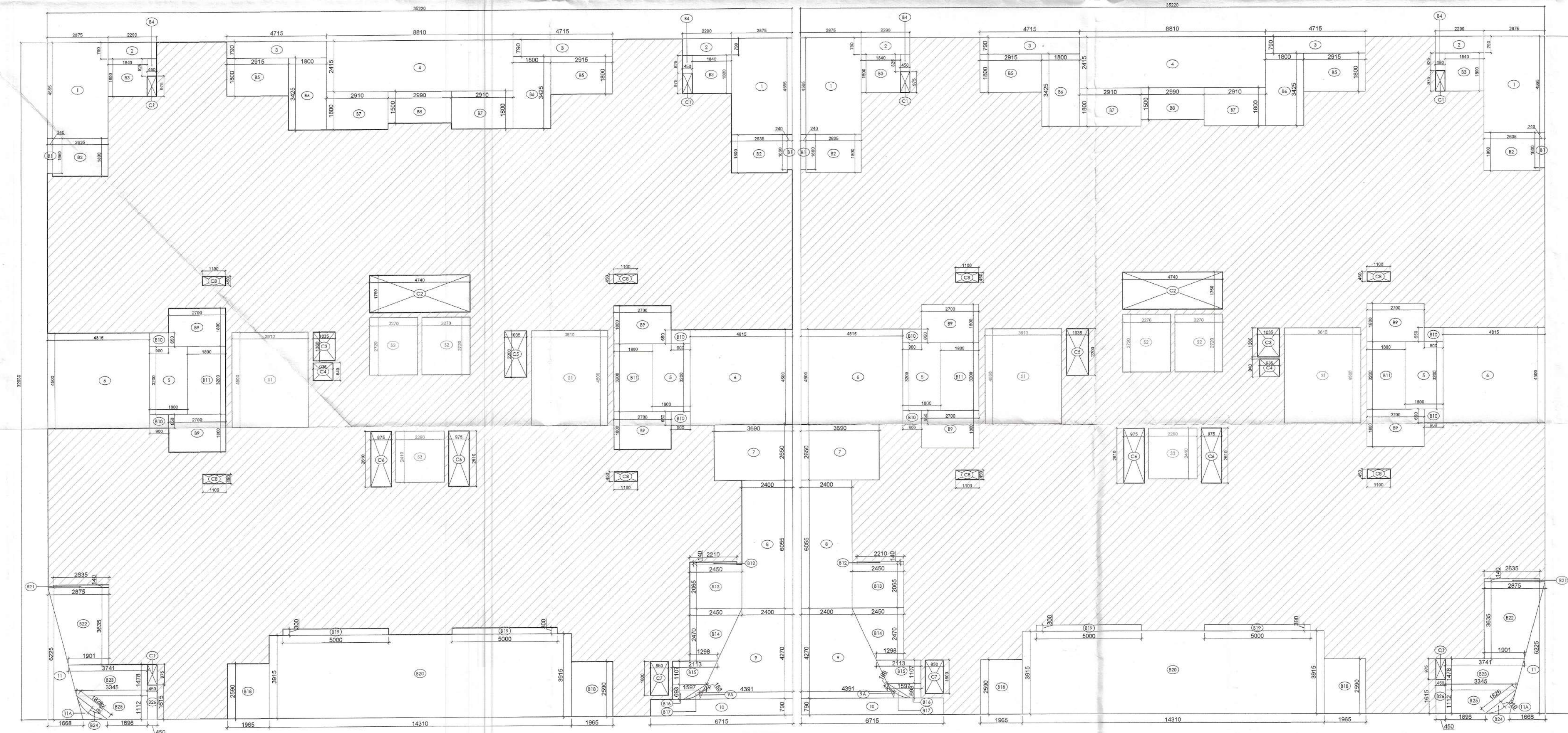




1ST FLOOR PLAN



1ST FLOOR AREA DIAGRAM

Checked and found ok for Public Health
(Internal) Service only subject to comments in
is forwarding letter No. 18580...D.D. 24/01/24

Superintending Engineer (HQ)
for Chief Engineer-I
HSVP, Panchkula

DDP (T)
MEMBER
BPAC

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

S.T.P. (HQ)
Member Secretary
B.P.A.C.
DTP (HQ)
AD.
P.A.
R.P.
Consultant
Architect

TO BE READ WITH THIS OFFICE
MEMO NO.: 9920
DATED: 15/3/24



TYPICAL SECTION FOR TOILET VENTILATION

AREA CALCULATION FOR 1st FLOOR

ENVELOPE AREA							
S.NO.	NOS.	FORMULA	LENGTH (L)	WIDTH (W)	WIDTH (W')	AREA	UNITS
A	1	L X W	35.220	32.030	=	1128.097	SQM.
TOTAL (A)						=	1128.097 SQM.

BALCONY							
B1	2	L X W	0.240	1.860	=	0.797	SQM.
B2	2	L X W	2.635	1.800	=	9.486	SQM.
B3	2	L X W	1.840	1.800	=	6.624	SQM.
B4	2	L X W	0.450	0.825	=	0.743	SQM.
B5	2	L X W	2.915	1.800	=	10.494	SQM.
B6	2	L X W	1.800	3.425	=	12.330	SQM.
B7	2	L X W	2.910	1.800	=	10.476	SQM.
B8	1	L X W	2.990	1.500	=	4.485	SQM.
B9	4	L X W	2.700	1.800	=	19.440	SQM.
B10	4	L X W	0.900	0.650	=	2.340	SQM.
B11	2	L X W	1.800	3.200	=	11.520	SQM.
B12	1	L X W	2.210	0.140	=	0.309	SQM.
B13	1	L X W	2.450	2.065	=	5.059	SQM.
B14	1	1/2 H (L+W)			=	4.629	SQM.
B15	1	1/2 H (L+W)			=	2.054	SQM.
B16	1	1/2 H (L+W)			=	0.730	SQM.
B17	1	2/3 X L X W			=	0.164	SQM.
B18	2	L X W	1.965	2.590	=	10.179	SQM.
B19	2	L X W	5.000	0.300	=	3.000	SQM.
B20	1	L X W	14.310	3.915	=	56.024	SQM.
B21	1	L X W	2.635	0.140	=	0.369	SQM.
B22	1	1/2 H (L+W)			=	8.880	SQM.
B23	1	1/2 H (L+W)			=	5.237	SQM.
B24	1	2/3 X L X W			=	0.386	SQM.
B25	1	1/2 H (L+W)			=	2.913	SQM.
B26	1	L X W	0.450	1.615	=	0.727	SQM.
TOTAL (B)						=	189.195 SQM.

CUT OUT / DEDUCTION AREA							
1	2	L X W	2.875	4.585	=	26.249	SQM.
2	2	L X W	2.290	0.790	=	3.618	SQM.
3	2	L X W	4.715	0.790	=	7.450	SQM.
4	1	L X W	8.810	2.415	=	21.276	SQM.
5	2	L X W	1.800	3.200	=	11.520	SQM.
6	2	L X W	4.815	4.500	=	43.335	SQM.
7	1	L X W	3.690	2.650	=	9.779	SQM.
8	1	L X W	2.400	6.055	=	14.532	SQM.
9	1	1/2 H (L+W)			=	14.499	SQM.
9A	1	AS PER PLINE			=	0.101	SQM.
10	1	L X W	6.715	0.790	=	5.305	SQM.
11	1	1/2 X B X H	1.668	6.225	=	5.192	SQM.
11A	1	AS PER PLINE			=	0.254	SQM.
C1	3	L X W	0.450	0.975	=	1.316	SQM.
C2	1	L X W	4.740	1.750	=	8.295	SQM.
C3	1	L X W	1.035	1.360	=	1.408	SQM.
C4	1	L X W	0.935	0.840	=	0.785	SQM.
C5	1	L X W	1.035	2.200	=	2.277	SQM.
C6	2	L X W	0.975	2.610	=	5.090	SQM.
C7	1	L X W	0.850	1.600	=	1.360	SQM.
C8	4	L X W	1.100	0.450	=	1.980	SQM.
S2	2	L X W	2.270	2.720	=	12.349	SQM.
S3	1	L X W	2.290	2.410	=	5.519	SQM.
TOTAL (C)						=	203.487 SQM.

NON FAR AREA							
S1	2	L X W	3.610	4.500	=	32.490	SQM.
TOTAL (D)						=	32.490 SQM.

TOTAL FAR AREA = (A)-(B)+(C)+(D)	=	702.925	SQM.
FINAL FAR AREA (x2)	=	1405.850	SQM.
TOTAL COVERED AREA = (A)-(B)+(C)	=	735.415	SQM.
FINAL COVERED AREA (x2)	=	1470.830	SQM.
TOTAL BUILT UP AREA = (A)-(C)	=	924.610	SQM.
FINAL BUILT UP AREA (x2)	=	1849.220	SQM.

DOOR WINDOW OPENING SCHEDULE							
TYPE	WIDTH	HEIGHT	CLL	UNTEL	FIRE RATING		
D1	800	2425	00	2425			
D2	1200	2425	00	2425			
D3	900	2425	00	2425			
D4	650	2125	300	2425			
D5	750	2425	00	2425			
D6	1200	2425	00	2425			
DW1	1000	2425	00	2425			
DW2	850	2425	00	2425			
V1	600	625	1800	2425			
V2	500	625	1800	2425			
V3	650	625	1800	2425			
SD1	1725	2425	00	2425			
SD2	2010	2425	00	2425			
SD3	2075	2425	00	2425			
SD4	3110	2425	00	2425			
SD5	1600	2425	00	2425			
SD6	2435	2425	00	2425			
GL1	2000	2425	00	2425			
FD1 (FIRE DOOR)	1200	2425	00	2425	1HR. FIRE RATING DOOR		
FD2 (FIRE DOOR)	900	2425	00	2425	1HR. FIRE RATING DOOR		
FD3 (FIRE DOOR)	900	2425	00	2425	2HR. FIRE RATING DOOR		
FD4 (FIRE DOOR)	900	2425	00	2425	2HR. FIRE RATING DOOR		

PLUMBING LEGEND:							
①	1100 SOIL PIPE						
②	1100 WASTE PIPE						
③	1100 RAIN WATER PIPE						
④	DWS DN TAKE PIPE						
⑤	DWS FROM BOOSTER PUMP FOR TOP TWO FLOOR						
⑥	FWS DN TAKE PIPE						
⑦	1100 BALCONY DRAIN PIPE						
⑧	650 DOMESTIC WATER SUPPLY RISER						
⑨	500 FLUSHING WATER SUPPLY RISER						
⑩	750 ANTISIPHONAGE PIPE						
WB TO FT	320 WASTE PIPE						
SINK TO FT	500 WASTE PIPE						
FD	FLOOR DRAIN WITH GRATING						
FT	FLOOR TRAP WITH GRATING						
MT	MULTI TRAP WITH GRATING						
BD	BALCONY DRAIN WITH GRATING						
DWS	DOMESTIC WATER SUPPLY PIPE						
FWS	FLUSHING WATER SUPPLY PIPE						
DWS	DWS PIPE THROUGH BOOSTER PUMP						
○	GEYSER TOILET GEYSER 25LTR						
○	GEYSER KITCHEN GEYSER 6LTR						
⊕	BOOSTER PUMP SET FOR TOP TWO FLOOR						
⊞	CATCH BASIN 1100x500mm						

Note:
1. The kitchen space has been considered as non-habitable space as per NBC 2016 Part-3 Section 2.45 clause, thus lighting and ventilation clause for kitchen do not apply only for main units kitchen.
2. Toilets are mechanically ventilated wherever marked in plan.

KEY PLAN

REVISOR'S SEAL & SIGNATURE

ARCHITECT'S SEAL & SIGNATURE

Scale: Drawing Title: BLOCK 06 & 07: FIRST FLOOR PLAN & AREA DIAGRAM

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