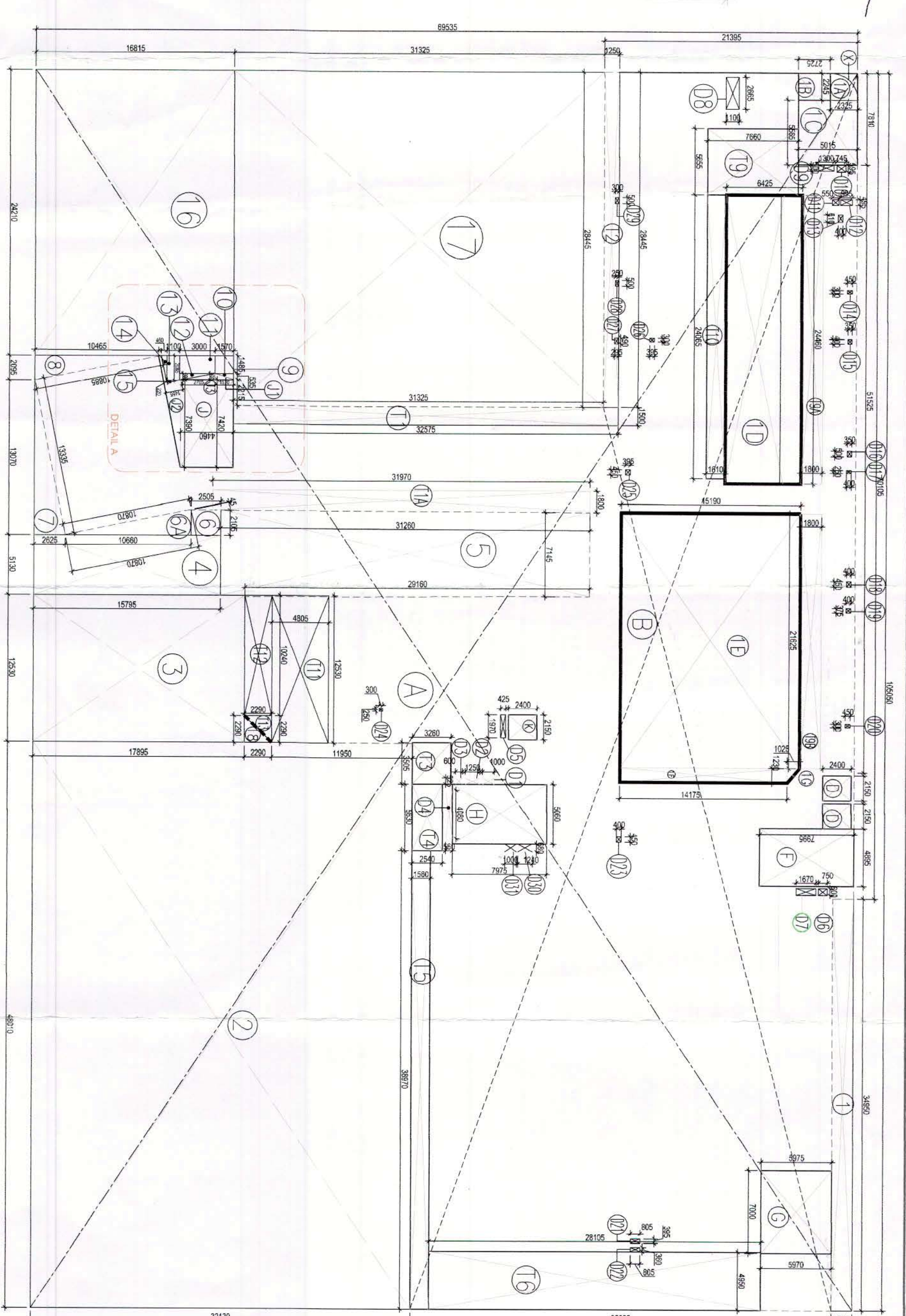
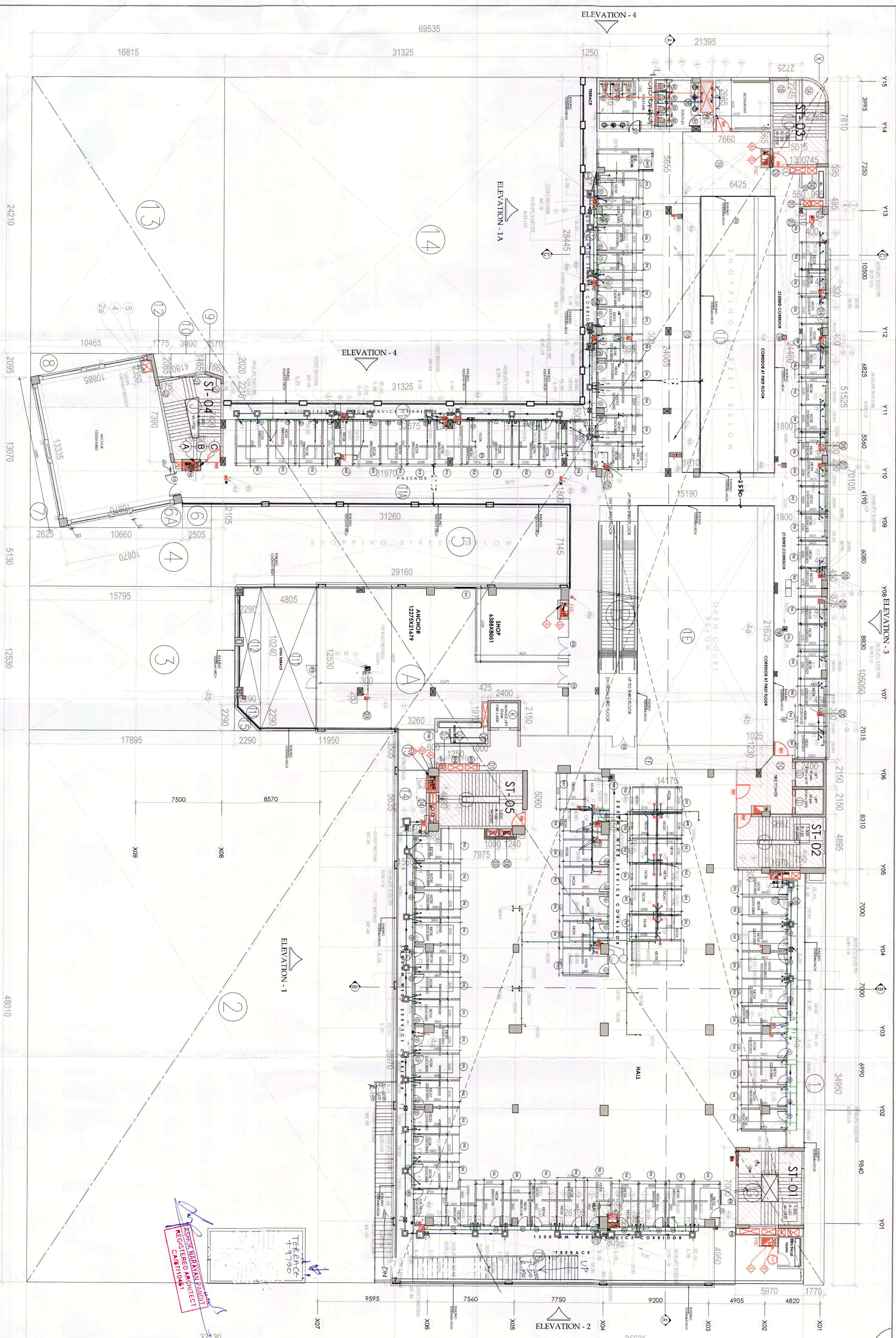
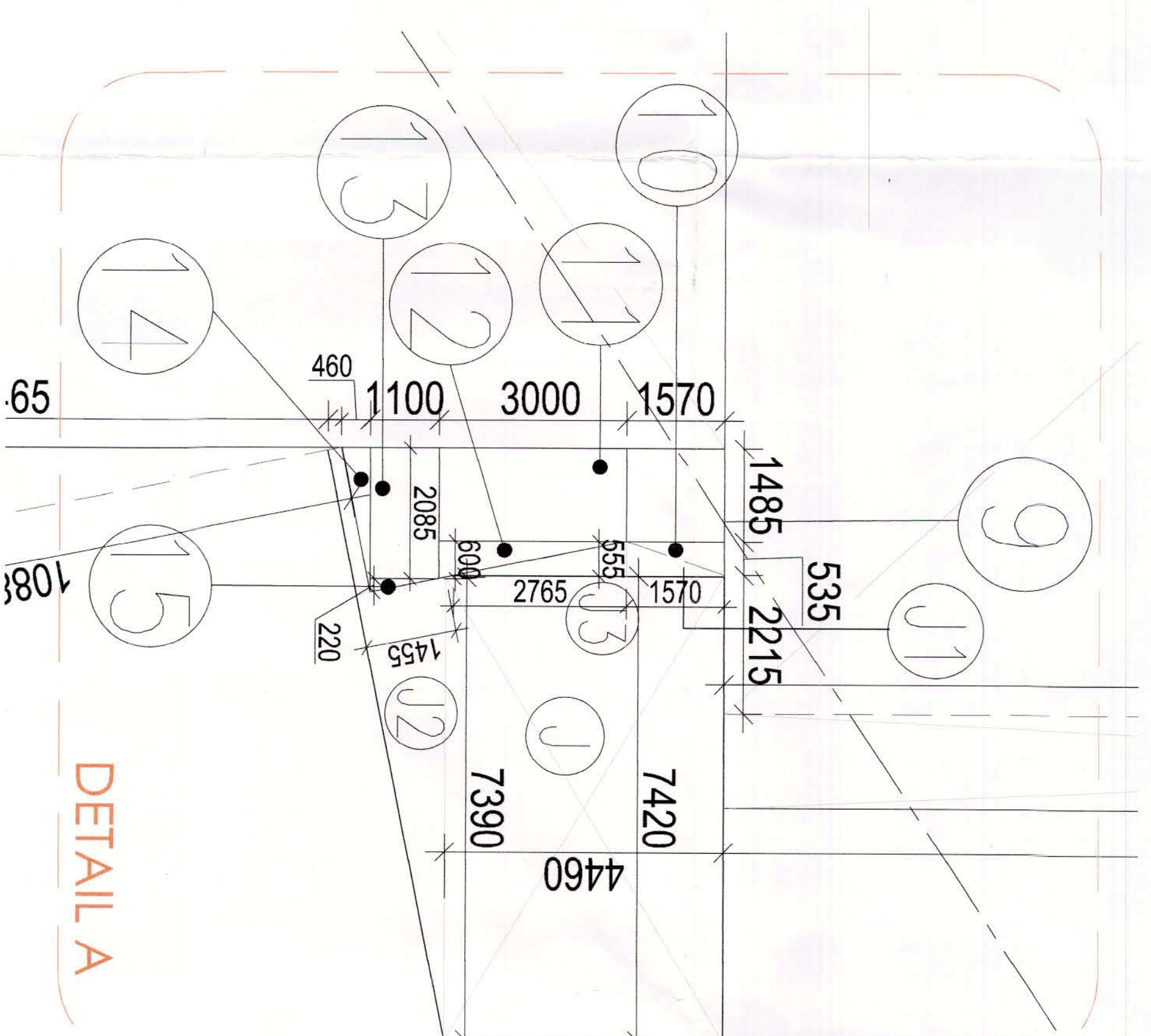




SECOND FLOOR OPENING SCHEDULE.					
S.NO.	TYPE	SIZE	CHILL T.V.L.	INTEL T.V.L.	REMARKS
01.	FD1	1250x2250	00	2250	STAROISE/FIRE TOWER LOBBY
02.	FD6	1200x2250	00	2250	STAROISE
03.	D	900x2250	00	2250	KIOSK
04.	D3	2000x2250	00	2250	KIDS PLAY AREA/RESTAURANT/TERRACE
05.	RS	2250x2250	00	2250	KIOSK
06.	FD61	1000x2250	00	2250	ELECTRICAL ROOM
07.	D1	1000x2250	00	2250	ELECTRICAL ROOM/TOILET
08.	RS1	3035x2250	00	2250	ELECTRICAL ROOM
09.	W1	1770x2400	900	1500	ANCHOR



TOILET CALCULATION									
FAR 262 OF SECOND CODE - 2012-13 DATA									
DESIGN OF SECOND TOILET - 60/30									
PERMANENT POPULATION (P)		ALTERNATE POPULATION (PA)		TOTAL REQUIRED		TOTAL PROVIDED		DEFICIT	
MALE (M)	FEMALE (F)	MALE (M)	FEMALE (F)	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
60	27	40	26						
WC	3	10	3	13	8	13	8		
URINAL	3	10	3	13	8	13	8		
WATER CLOSIN	3	10	5	13	8	13	8		

EXIT WIDTH CALCULATION OF STAIRCASE CROSS AREA						
FLOOR	TYPE/NAME	TO BE OPENED DOOR	OCCUPANCY PERSONS (1 PERSON PER 10000)	STAIRCASE WIDTH (METER)	NET AREA FOR STAIRCASE (1 PERSON PER 10000)	STAIRCASE PROPORTION (%)
SECOND FLOOR	STAIRCASE (DOOR 1)	600	7.8	36.3	3.1	9000
	STAIRCASE (DOOR 2)	2400	6	247	21	
	GROSS AREA	3000			50	7000
			TOTAL	287		

S. No.		COURSE		2023 FLOOR LIGHT DETAIL		AREA IN	
				LAUNCH	INCH	SCAFF	
A		1		105.00	1	12.5635	
A		69.535					
1	1	2.50	2.40	2.00	1	18.330	1
2	1	3.00	3.00	2.00	1	18.330	1
3	1	3.00	3.00	2.00	1	18.330	1
4	1	5.50	5.50	2.00	1	5.078	1
5	1	12.50	17.866	2.00	1	224.224	1
6	1	1.50	1.50	2.00	1	1.416	1
7	1	2.855	2.105	1.50	1	6.7478	1
8	1	0.5	0.5	1.50	1	11.720	1
9	1	0.5	0.5	1.50	1	10.862	1
10	1	0.5	0.5	1.50	1	10.862	1
11	1	1.468	3.500	1	4.455	1	4.455
12	1	0.5	0.5	1.50	1	2.550	1
13	1	0.5	0.5	1.50	1	2.550	1
14	1	0.5	0.5	1.50	1	2.550	1
15	1	0.5	0.5	1.50	1	2.550	1
16	1	0.5	0.5	1.50	1	2.550	1
17	1	28.445	31.335	1	89.140	1	89.140
18	1	0.5	0.5	1.50	1	2.550	1
19	1	0.5	0.5	1.50	1	2.550	1
20	1	0.5	0.5	1.50	1	2.550	1
21	1	0.5	0.5	1.50	1	2.550	1
22	1	0.5	0.5	1.50	1	2.550	1
23	1	0.5	0.5	1.50	1	2.550	1
24	1	0.5	0.5	1.50	1	2.550	1
25	1	0.5	0.5	1.50	1	2.550	1
26	1	0.5	0.5	1.50	1	2.550	1
27	1	0.5	0.5	1.50	1	2.550	1
28	1	0.5	0.5	1.50	1	2.550	1
29	1	0.5	0.5	1.50	1	2.550	1
30	1	0.5	0.5	1.50	1	2.550	1
31	1	0.5	0.5	1.50	1	2.550	1
32	1	0.5	0.5	1.50	1	2.550	1
33	1	0.5	0.5	1.50	1	2.550	1
34	1	0.5	0.5	1.50	1	2.550	1
35	1	0.5	0.5	1.50	1	2.550	1
36	1	0.5	0.5	1.50	1	2.550	1
37	1	0.5	0.5	1.50	1	2.550	1
38	1	0.5	0.5	1.50	1	2.550	1
39	1	0.5	0.5	1.50	1	2.550	1
40	1	0.5	0.5	1.50	1	2.550	1
41	1	0.5	0.5	1.50	1	2.550	1
42	1	0.5	0.5	1.50	1	2.550	1
43	1	0.5	0.5	1.50	1	2.550	1
44	1	0.5	0.5	1.50	1	2.550	1
45	1	0.5	0.5	1.50	1	2.550	1
46	1	0.5	0.5	1.50	1	2.550	1
47	1	0.5	0.5	1.50	1	2.550	1
48	1	0.5	0.5	1.50	1	2.550	1
49	1	0.5	0.5	1.50	1	2.550	1
50	1	0.5	0.5	1.50	1	2.550	1
51	1	0.5	0.5	1.50	1	2.550	1

$$\begin{aligned} & \text{AREA OF X} \\ & = \text{AREA OF RECTANGLE} - \text{AREA OF QUADRANT} \\ & = (\text{L X B}) - \left(\frac{1}{4} \times \text{R}^2\right) \\ & = (2.245 \times 2.325) - \left(\frac{1}{4} \times 3.14 \times 2.245 \times 2.245\right) \\ & = 5.219 - 3.956 \\ & = 1.263 \end{aligned}$$
$$\begin{aligned} \text{AREA OF 1A} \\ \text{AREA OF QUADRANT} \\ &= \left(\frac{1}{4}\right) \pi R^2 \\ &= \left(\frac{1}{4}\right) \times 3.14 \times 2.245 \times 2.245 \\ &= 3.956 \end{aligned}$$

PLUMBING LEGEND:-

- ① 1000 SOIL PIPE —
- ② 1000 WASTE PIPE —
- ③ 1000 WASTE PIPE FOR SHOP —
- ④ 1500 WASTE PIPE FOR KIOSK —
- ⑤ 750 VENT PIPE —
- ⑥ 1500 RAIN WATER PIPE —
- ⑦ 750 CORRUGO DRAIN PIPE —
- ⑧ 1000 RAIN WATER PIPE —
- ⑨ 2000 RAIN WATER PIPE —
- ⑩ DOMESTIC WATER SUPPLY DOWN TAKE —
- ⑪ FLUSHING WATER SUPPLY DOWN TAKE —
- ⑫ DOMESTIC WATER SUPPLY RISER —
- ⑬ FLUSHING WATER SUPPLY RISER —
- ⑭ SOFT WATER SUPPLY RISER —
- ⑮ SOFT WATER SUPPLY DOWN TAKE —
- ⑯ SOIL PIPE ASIS CODE —
- ⑰ WASTE PIPE ASIS CODE —
- ⑱ FT = 110x110mm FLOOR TRAP —
- ⑲ FD = 100x100mm FLOOR TRAP —
- ⑳ AD = ACCESS DOOR —
- ㉑ M = MANHOLE TRAP —
- ㉒ V = VALVE —
- ㉓ DOMESTIC WATER SUPPLY
- ㉔ = OUTOUT 150x150mm FOR FT/MC & UT

REVISED BUILDING PLAN FOR COMMERCIAL COLONY MEASURING 2.00ACRES (LICENCE NO.84 OF 2012 DATED 28-08-2012) IN SECTOR-67,GURGAON MANESAR URBAN COMPLEX BEING DEVELOPED BY ELAN BUILDCON PVT.LTD

2ND FLOOR PLAN

DATE	SCALE	DATE	SCALE
10-07-19	1:150	10-07-19	1:150

AC
ACPL Design Ltd
www.acpl.co.uk

ISO 9001:2008

PL

Architecture
Management
Planning

T: +31 7 34627435
+31 11 34646700

J: 020 7044 0000-1
Nieuw Vennip 1170042, 1753SE
E: info@pl-architectuur.com