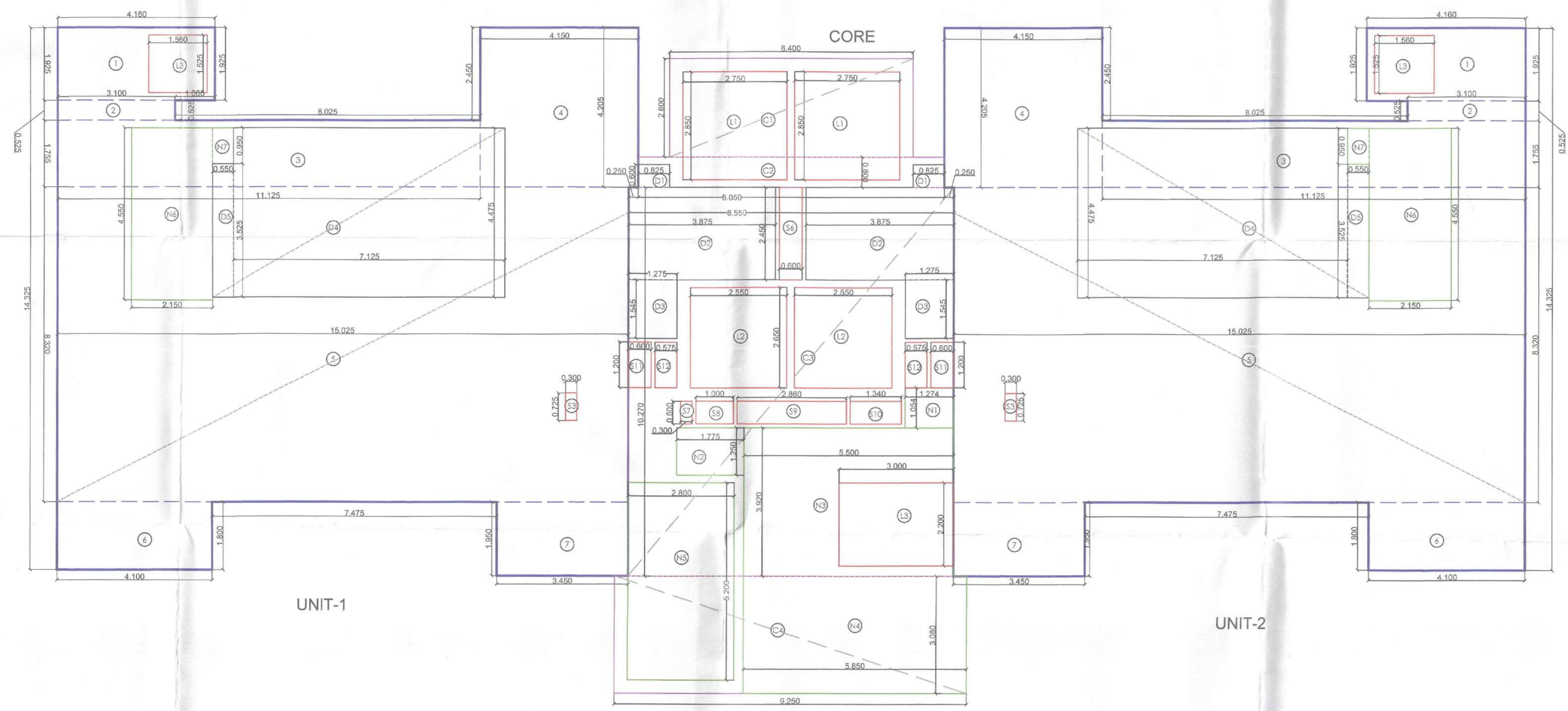


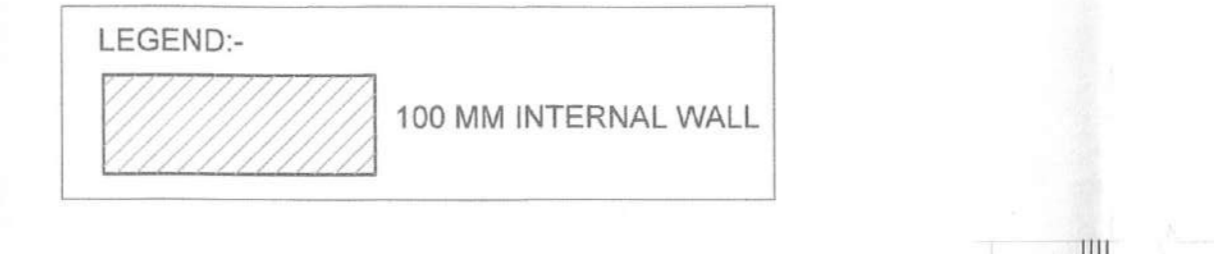
TOWER - 3 UPPER PENTHOUSE LEVEL + SERVICE PERSONNEL UNIT (LEVEL -39TH FLOOR) (M +141.825M)



TOWER - 3 UPPER PENTHOUSE AREA DIAGRAM (LEVEL -39TH FLOOR)

LEGEND PLUMBING PIPE:

S.No.	DESCRIPTION
1	110 HD SINK PIPE
2	110 HD WATER PIPE
3	110 HD KITCHEN WASTE PIPE
3b	110 HD WASHING MACHINE WASTE PIPE
3c	75 HD GARBAGE ROOM WASTE PIPE
4	75 HD PVC TOILET PIPE
4a	110 HD PVC WATER PIPE
4b	110 HD PVC BALCONY DRAIN PIPE
4c	110 HD PVC BALCONY DRAIN PIPE
4d	110 HD PVC BALCONY DRAIN PIPE
5	110 HD PVC BALCONY DRAIN PIPE
6	110 HD PVC BALCONY DRAIN PIPE
7	110 HD PVC BALCONY DRAIN PIPE
8	110 HD PVC BALCONY DRAIN PIPE
9	110 HD PVC BALCONY DRAIN PIPE
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12	110 HD PVC BALCONY DRAIN PIPE
13	110 HD PVC BALCONY DRAIN PIPE
14	110 HD PVC BALCONY DRAIN PIPE
15	110 HD PVC BALCONY DRAIN PIPE
16	110 HD PVC BALCONY DRAIN PIPE
17	110 HD PVC BALCONY DRAIN PIPE
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93	110 HD PVC BALCONY DRAIN PIPE
94	110 HD PVC BALCONY DRAIN PIPE
95	110 HD PVC BALCONY DRAIN PIPE
96	110 HD PVC BALCONY DRAIN PIPE
97	110 HD PVC BALCONY DRAIN PIPE
98	110 HD PVC BALCONY DRAIN PIPE
99	110 HD PVC BALCONY DRAIN PIPE
100	110 HD PVC BALCONY DRAIN PIPE



LEGEND:

100 MM INTERNAL WALL

LEGEND SHEET:

S.No.	DESCRIPTION	SIZE
S1	ELEC. SHAFT	1.05 X 0.60
S2	ST. PRESS SHAFT	0.65 X 1.38
S3	LOBBY PRESS. SHAFT	0.60 X 2.40
S4	LOBBY PRESS. SHAFT	0.60 X 1.05
S5	FIRE LOBBY PRESS. SHAFT	1.34 X 0.60
S6	LV SHAFT	1 X 0.80
S7	FHC SHAFT	2.850 X 0.60
S8	FHC SHAFT	3.250 X 0.60
S9a	ELEC. SHAFT	0.60 X 1.20
S9b	ELEC. SHAFT	0.575 X 1.20
S9c	ELEC. SHAFT	0.575 X 1.065
S9d	ELEC. SHAFT	0.575 X 1.07

CORE FAR AREA AT UPPER PENTHOUSE
(All Distances are in Meter & Areas in Sqm)

ADDITIONS (A)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.M T) = NO. X LENGTH X WIDTH
1	1	4.150	1.925	8.008
2	1	3.100	0.925	1.628
3	1	11.125	1.755	19.524
4	1	4.150	4.205	17.451
5	1	15.025	8.320	125.008
6	1	4.100	1.800	7.380
7	1	3.450	1.950	6.728
TOTAL(A)				185.728

REDUCTION (B)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.M T) = NO. X LENGTH X WIDTH
L3	1	1.950	1.525	2.379
S3	1	0.300	0.725	0.218
D4	1	7.125	4.475	31.884
D5	1	0.950	3.025	1.939
TOTAL				36.420

UNIT-FAR AREA CALCULATION = ADDITION(A) - REDUCTION (B) = NON FAR AREA (C)

185.728 - 36.420 = 149.308 SQM

FAR AREA AT UPPER PENTHOUSE UNIT 2 PER FLOOR
(All Distances are in Meter & Areas in Sqm)

ADDITIONS (A)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.M T) = NO. X LENGTH X WIDTH
1	1	4.150	1.925	8.008
2	1	3.100	0.925	1.628
3	1	11.125	1.755	19.524
4	1	4.150	4.205	17.451
5	1	15.025	8.320	125.008
6	1	4.100	1.800	7.380
7	1	3.450	1.950	6.728
TOTAL(A)				185.728

REDUCTION (B)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.M T) = NO. X LENGTH X WIDTH
L3	1	1.950	1.525	2.379
S3	1	0.300	0.725	0.218
D4	1	7.125	4.475	31.884
D5	1	0.950	3.025	1.939
TOTAL				36.420

UNIT-FAR AREA CALCULATION = ADDITION(A) - REDUCTION (B) = NON FAR AREA (C)

185.728 - 36.420 = 149.308 SQM

UNIT-FAR AREA CALCULATION
UNIT 1 FAR + UNIT 2 FAR AREA = 278.003

TOTAL CORE FAR AREA CALCULATION = ADDITION(A) - SERVICE SHAFT (C) = NON FAR AREA

185.728 - 36.420 = 149.308 SQM

TOTAL UPPER PENTHOUSE FLOOR FAR AREA CALCULATION = (TOTAL UPPER PENTHOUSE FLOOR UNIT 1 FAR AREA + TOTAL UPPER PENTHOUSE FLOOR UNIT 2 FAR AREA) = (TOTAL UPPER PENTHOUSE FLOOR FAR AREA)

149.308 + 130.692 = 280.000 SQM

DOOR WINDOW SCHEDULE

TYPE	WIDTH	HEIGHT	ILLUMINATE LVL.	REMARKS	
D1	1100	2400	+00	2400	BEDROOM
D2	700	2700	+00	2700	KITCHEN
D3	700	2400	+00	2400	TOILETS
D4	1800	2400	+00	2400	M. BEDROOM
D5	1200	2400	+00	2400	MUNTY MACHINE ROOM
D6	1800	2700	+00	2700	LIVING/DINING
D7	1800	2700	+00	2700	LIVING/DINING
D8	1800	2700	+00	2700	LIVING/DINING
D9	1800	2700	+00	2700	LIVING/DINING
D10	1800	2700	+00	2700	LIVING/DINING
D11	1800	2700	+00	2700	LIVING/DINING
D12	1800	2700	+00	2700	LIVING/DINING
D13	1800	2700	+00	2700	LIVING/DINING
D14	1800	2700	+00	2700	LIVING/DINING
D15	1800	2700	+00	2700	LIVING/DINING
D16	1800	2700	+00	2700	LIVING/DINING
D17	1800	2700	+00	2700	LIVING/DINING
D18	1800	2700	+00	2700	LIVING/DINING
D19	1800	2700	+00	2700	LIVING/DINING
D20	1800	2700	+00	2700	LIVING/DINING
D21	1800	2700	+00	2700	LIVING/DINING
D22	1800	2700	+00	2700	LIVING/DINING
D23	1800	2700	+00	2700	LIVING/DINING
D24	1800	2700	+00	2700	LIVING/DINING
D25	1800	2700	+00	2700	LIVING/DINING
D26	1800	2700	+00	2700	LIVING/DINING
D27	1800	2700	+00	2700	LIVING/DINING
D28	1800	2700	+00	2700	LIVING/DINING
D29	1800	2700	+00	2700	LIVING/DINING
D30	1800	2700	+00	2700	LIVING/DINING
D31	1800	2700	+00	2700	LIVING/DINING
D32	1800	2700	+00	2700	LIVING/DINING
D33	1800	2700	+00	2700	LIVING/DINING
D34	1800	2700	+00	2700	LIVING/DINING
D35	1800	2700	+00	2700	LIVING/DINING
D36	1800	2700	+00	2700	LIVING/DINING
D37	1800	2700	+00	2700	LIVING/DINING
D38	1800	2700	+00	2700	LIVING/DINING
D39	1800	2700	+00	2700	LIVING/DINING
D40	1800	2700	+00	2700	LIVING/DINING
D41	1800	2700	+00	2700	LIVING/DINING
D42	1800	2700	+00	2700	LIVING/DINING
D43	1800	2700	+00	2700	LIVING/DINING
D44	1800	2700	+00	2700	LIVING/DINING
D45	1800	2700	+00	2700	LIVING/DINING
D46	1800	2700	+00	2700	LIVING/DINING
D47	1800	2700	+00	2700	LIVING/DINING
D48	1800	2700	+00	2700	LIVING/DINING
D49	1800	2700	+00	2700	LIVING/DINING
D50	1800	2700	+00	2700	LIVING/DINING
D51	1800	2700	+00	2700	LIVING/DINING
D52	1800	2700	+00	2700	LIVING/DINING
D53	1800	2700	+00	2700	LIVING/DINING
D54	1800	2700	+00	2700	LIVING/DINING
D55	1800	2700	+00	2700	LIVING/DINING
D56	1800	2700	+00	2700	LIVING/DINING
D57	1800	2700	+00	2700	LIVING/DINING
D58	1800	2700	+00	2700	LIVING/DINING
D59	1800	2700	+00	2700	LIVING/DINING
D60	1800	2700	+00	2700	LIVING/DINING
D61	1800	2700	+00	2700	LIVING/DINING
D62	1800	2700	+00	2700	LIVING/DINING
D63	1800	2700	+00	2700	LIVING/DINING
D64	1800	2700	+00	2700	LIVING/DINING
D65	1800	2700	+00	2700	LIVING/DINING
D66	1800	2700	+00	2700	LIVING/DINING
D67	1800	2700	+00	2700	LIVING/DINING
D68	1800	2700	+00	2700	LIVING/DINING
D69	1800	2700	+00	2700	LIVING/DINING
D70	1800	2700	+00	2700	LIVING/DINING
D71	1800	2700	+00	2700	LIVING/DINING
D72	1800	2700	+00	2700	LIVING/DINING
D73	1800	2700	+00	2700	LIVING/DINING
D74	1800	2700	+00	2700	LIVING/DINING
D75	1800	2700	+00	2700	LIVING/DINING
D76	1800	2700	+00	2700	LIVING/DINING
D77	1800	2700	+00	2700	LIVING/DINING
D78	1800	2700	+00	2700	LIVING/DINING
D79	1800	2700	+00	2700	LIVING/DINING
D80	1800	2700	+00	2700	LIVING/DINING
D81	1800	2700	+00	2700	LIVING/DINING
D82	1800	2700	+00	2700	LIVING/DINING
D83	1800	2700	+00	2700	LIVING/DINING
D84	1800	2700	+00	2700	LIVING/DINING
D85	1800	2700	+00	2700	LIVING/DINING
D86	1800	2700	+00	2700	LIVING/DINING
D87	1800	2700	+00	2700	LIVING/DINING
D88	1800	2700	+00	2700	LIVING/DINING
D89	1800	2700	+00	2700	LIVING/DINING
D90	1800	2700	+00	2700	LIVING/DINING
D91	1800	2700	+00	2700	LIVING/DINING
D92	1800	2700	+00	2700	LIVING/DINING
D93	1800	2700	+00	2700	LIVING/DINING
D94	1800	2700	+00	2700	LIVING/DINING
D95	1800	2700	+00	2700	LIVING/DINING
D96	1800	2700	+00	2700	LIVING/DINING
D97	1800	2700	+00	2700	LIVING/DINING
D98	1800	2700	+00	2700	LIVING/DINING
D99	1800	2700	+00	2700	LIVING/DINING
D100	1800	2700	+00	2700	LIVING/DINING

LEGEND FIRE PROTECTING PIPE:

S.No.	DESCRIPTION
1	100MM HYDRANT PIPE FOR ZONE-1
2	100MM HYDRANT PIPE FOR ZONE-2
3	100MM HYDRANT PIPE FOR ZONE-3
4	100MM HYDRANT PIPE FOR ZONE-4
5	100MM SPINZZLE PIPE FOR ZONE-1
6	100MM SPINZZLE PIPE FOR ZONE-2
7	100MM SPINZZLE PIPE FOR ZONE-3
8	100MM SPINZZLE PIPE FOR ZONE-4
9	100MM FIRE MAIN PIPE
10	100MM ALTERNATE SPINZZLE PIPE FOR ZONE-1
11	100MM ALTERNATE SPINZZLE PIPE FOR ZONE-2
12	100MM ALTERNATE SPINZZLE PIPE FOR ZONE-3
13	100MM ALTERNATE SPINZZLE PIPE FOR ZONE-4

LEGEND:

100 MM INTERNAL WALL

TYPICAL HORIZONTAL VENTILATION SECTION FOR TOILET

TYPICAL HORIZONTAL VENTILATION CALCULATION FOR W.C.

S.NO	LOCATION	AREA	HEIGHT	VOLUME	ACPH	DESIGN CFM
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