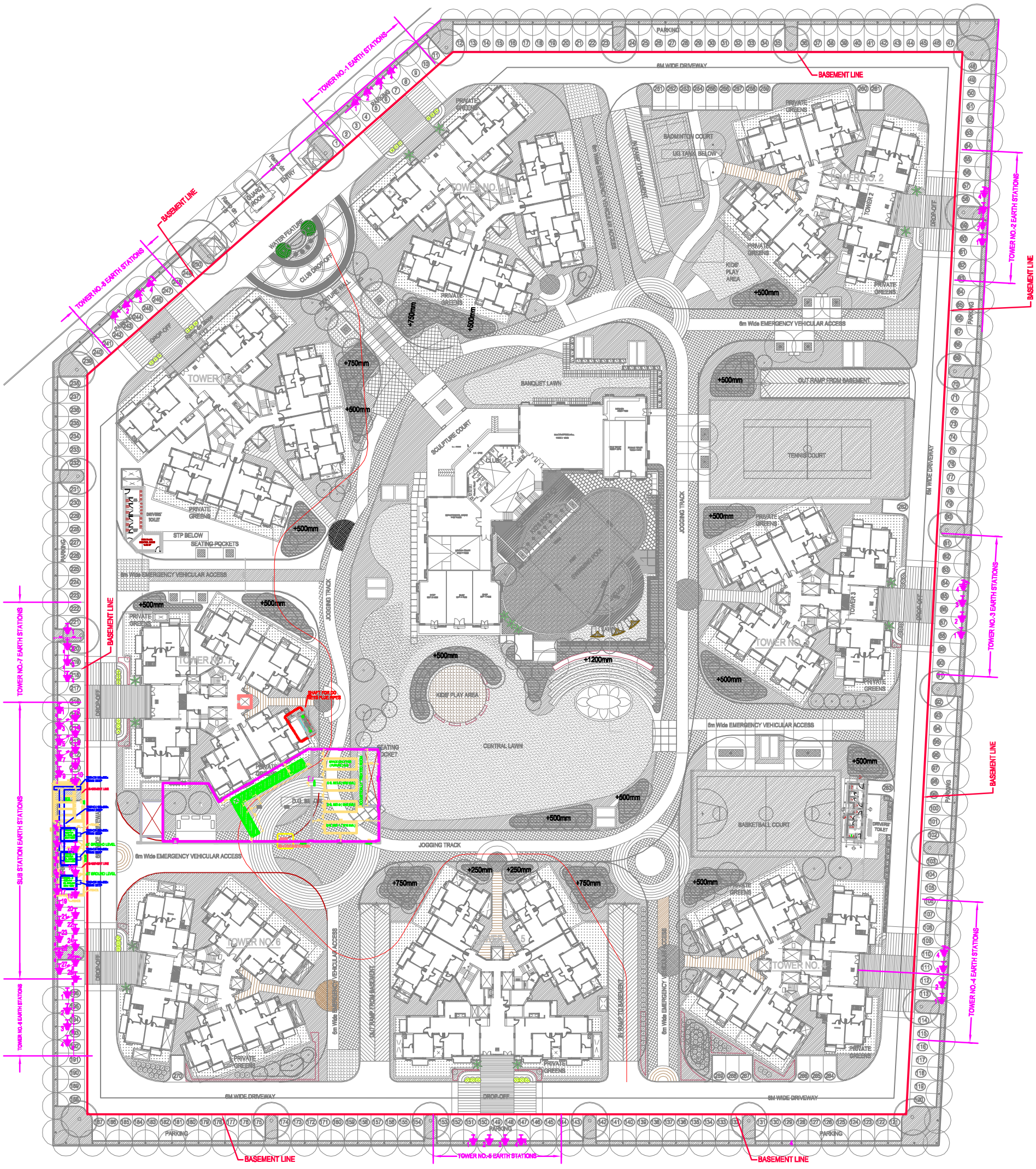

EARTHING DETAILS

SR NO.	EARTH STATION	PURPOSE	GI PLATE	COPPER PLATE	GI STRIP		COPPER STRIP	
			600 x 600 x 6mm	600x 600 x 3mm	75 x 6mm	32 x 6mm	25 x 6mm	50 x 6mm
1.	1+2	D.G. SET - 1 NEUTRAL	-	2	-	-	✓	-
2.	3+4	D.G. SET - 2 NEUTRAL	-	2	-	-	✓	-
3.	5+6	D.G. SET - 3 NEUTRAL	-	2	-	-	✓	-
4.	7+8	D.G. SET - 4 NEUTRAL FUTURE SET	-	2	-	-	✓	-
5.	9+10	33 KV PANEL	2	-	✓	-	-	-
6.	11+12	TRANSFORMER NO. - 1 NEUTRAL	-	2	-	-	-	✓
7.	13+14	TRANSFORMER NO. - 2 NEUTRAL	-	2	-	-	-	✓
8.	15+16	TRANSFORMER NO. - 3 NEUTRAL	-	2	-	-	-	✓
9.	17+18	TRANSFORMER NO. 1,2 & 3 BODY	6	-	✓	-	-	-
10.	19+20	LT PANEL	2	-	✓	-	-	-
11.	21+22	D.G. SET - 1 BODY	2	-	-	✓	-	-
12.	23+24	D.G. SET - 2 BODY	2	-	-	✓	-	-
13.	25+26	D.G. SET - 3 BODY	2	-	-	✓	-	-
14.	28+29	D.G. SET - 4 BODY FUTURE SET	2	-	-	✓	-	-
	TOTAL		18	14	-	-	-	-

TYPICAL EARTHING DETAILS FOR ONE TOWER (TYPICAL) AND LA

SR. NO.	EARTH STATION	PURPOSE	GI PLATE	CHEMICAL EARTH	GI STRIP			70 SQ.MM CU CABLE
			600 x 600 x 6mm		50 x 6mm	32 x 6mm	25 x 6mm	
1.	1+2	LIFTS	2	-	-	✓	-	-
2.	3+4	LA	-	2	-	-	-	✓
TOTAL			2	2	-	-	-	-

NOTE :- 1 NOS COPPER PLATE EARTHING SHALL BE PROVIDED FOR MAIN FIRE CONTROL ROOM.

REVISION-1

1. EARTH STRIP IN GROUND SHALL BE COATED WITH BITUMEN PAINT OR SHALL BE COVERED WITH HEAT SHRINKABLE SLEEVE .

REVISION-2

1. EARTH PLATE SIZE CHANGED TO 600MM x 600 MM AND EARTH STRIP SIZE REVISED.

ATS ALLURE

ELECTRICAL LAYOUT PLAN