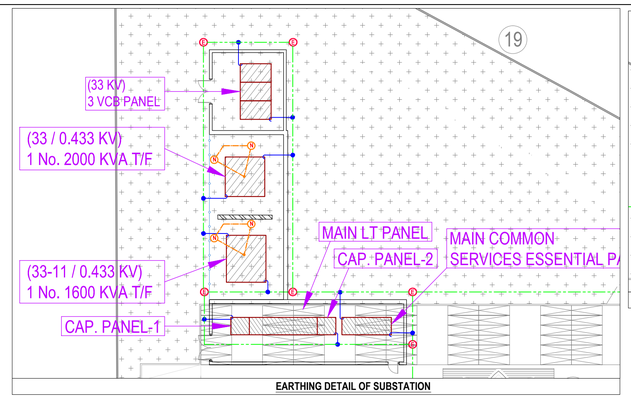
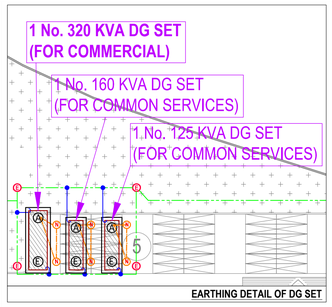


EARTHING DETAIL OF HT METER & HT PANEL ROOM



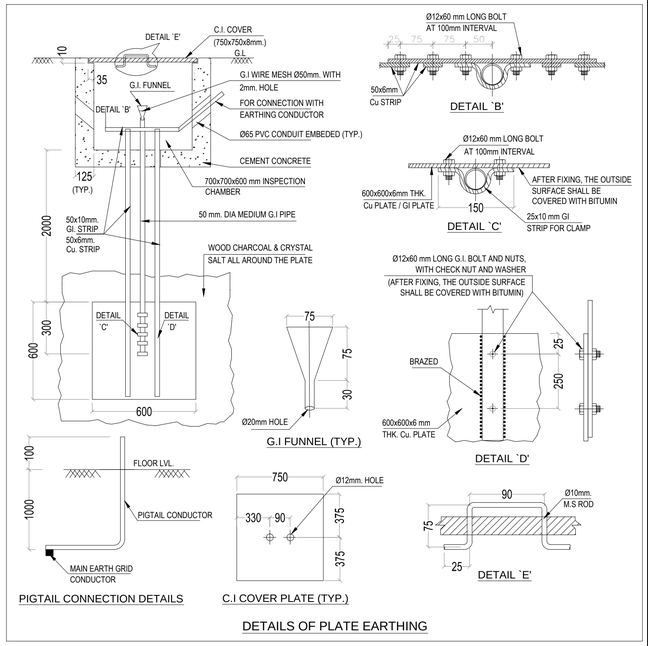
EARTHING DETAIL OF SUBSTATION



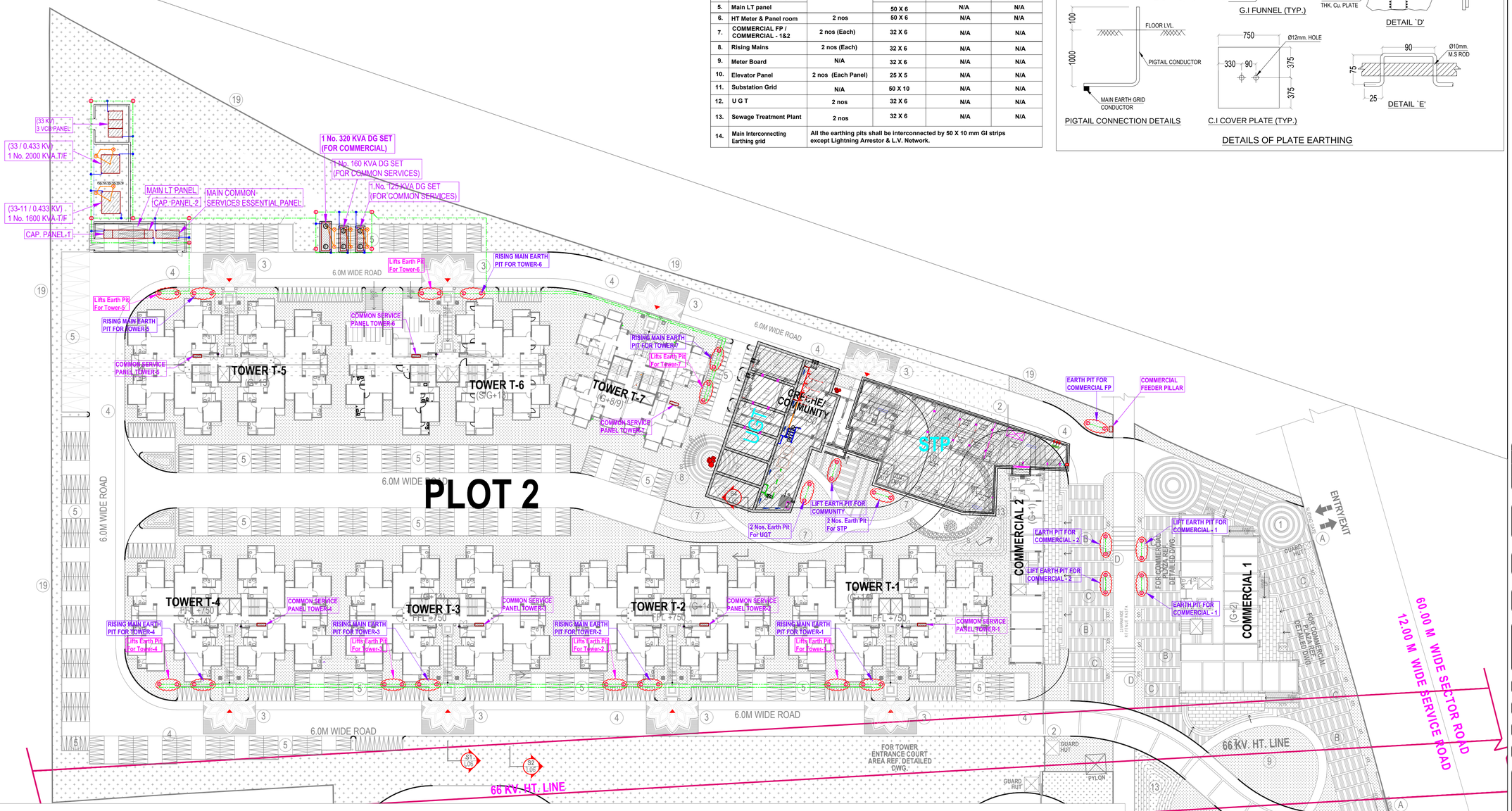
EARTHING DETAIL OF DG SET

"Earthing Schedule"

S.No	Equipments	Body Earthing "GI" Conventional (600 x 600 x 6.0) mm	Earth Strip Size "GI" in mm (Pig Tail)	Neutral Earthing "CU" Conventional (600 x 600 x 3.0) mm	Earth Strip Size "CU" (Pig Tail)
1.	1 No. 2000KVA+1 No. 1600 KVA TRANSFORMER	10 nos	50 X 6	2 nos (Each)	50 X 6
2.	1 No. 320 KVA DG SET		32 X 6	2 nos (Each)	32 X 6
3.	1 No. 160 KVA DG SET		32 X 6	2 nos (Each)	32 X 6
4.	1 No. 125 KVA DG SET		32 X 6	2 nos (Each)	32 X 6
5.	Main LT panel		50 X 6	N/A	N/A
6.	HT Meter & Panel room	2 nos	50 X 6	N/A	N/A
7.	COMMERCIAL FP / COMMERCIAL - 1&2	2 nos (Each)	32 X 6	N/A	N/A
8.	Rising Mains	2 nos (Each)	32 X 6	N/A	N/A
9.	Meter Board	N/A	32 X 6	N/A	N/A
10.	Elevator Panel	2 nos (Each Panel)	25 X 5	N/A	N/A
11.	Substation Grid	N/A	50 X 10	N/A	N/A
12.	U G T	2 nos	32 X 6	N/A	N/A
13.	Sewage Treatment Plant	2 nos	32 X 6	N/A	N/A
14.	Main Interconnecting Earthing grid	All the earthing pits shall be interconnected by 50 X 10 mm GI strips except Lightning Arrestor & L.V. Network.			



DETAILS OF PLATE EARTHING



LEGEND :		
S. No.	SYMBOL	D E S C R I P T I O N
1.	E	600 x 600 x 6 MM G.I. PLATE EARTHING
2.		50 MM x 10 MM GI FLAT EARTHING STRIP / MAIN INTERCONNECTING EARTHING GI STRIP
3.		50 X 6 MM GI PIG TAIL / STRIP
4.	N	600 x 600 x 6 MM COPPER PLATE EARTHING NEUTRAL EARTHING
5.		50 X 6 MM INSULATED COPPER EARTH STRIP
6.		25 X 5 GI STRIP FOR LIFT PANEL
7.		32 X 6 GI STRIP FOR LIFT RISING MAIN

NOTES :

1. **Minimum Distance between two earth pit shall be 3.0 MTR.**
2. **Final Location of earth pit shall be finalized after coordination with Plumbing, Sewerage pipes and other services.**

Consummate Engg. Services Pvt. Ltd. B-67 Sec-67, Noida (U.P.) Gomti Nagar, Lko.

Good for Construction

Issued On 05.04.2022...

Rev. No.	Date	Revision
R1	04.10.2022	Tr. & DG Set rating revised as per requirement
R0	07.03.2022	ISSUED AS GFC

Project :
SIGNATURE GLOBAL HOUSING PROXIMA- 2
AT SEC -89, GURUGRAM, HARYANA

Title :
SITE LAYOUT PLAN

Subtitle :
EARTHING LAYOUT AT SITE PLAN.

Drawing Released For :
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Drg. No : S-89 / ELEC / EXT - 05

Scale : 1:375 **Drawn By :** Mandeep

Date : March. 2022 **Design By :** Ateeq Ur Rehman

Ckd By : Anand Havelia

Architects :
R.K.& ASSOCIATES
Architects, Engineers & Planners
E-31, GREEN PARK MAIN, NEW DELHI - 110016, INDIA
Tel. : 2696-3158, 2651-6751, 2656-7357
Fax: (011) 2686-2540 E-mail : rka.architects@gmail.com

Services Consultant :
Consummate Engineering Services (P) Ltd.
Noida Office : B - 67, Sector - 67, Noida - 201 301
Tel : (0120) 6613500 (24 Lines)
Lko. Office : R 006, Rohtas Plumeria, Gomti Nagar, Lucknow
e mail : mail@cespl.in, website : www.cespl.in