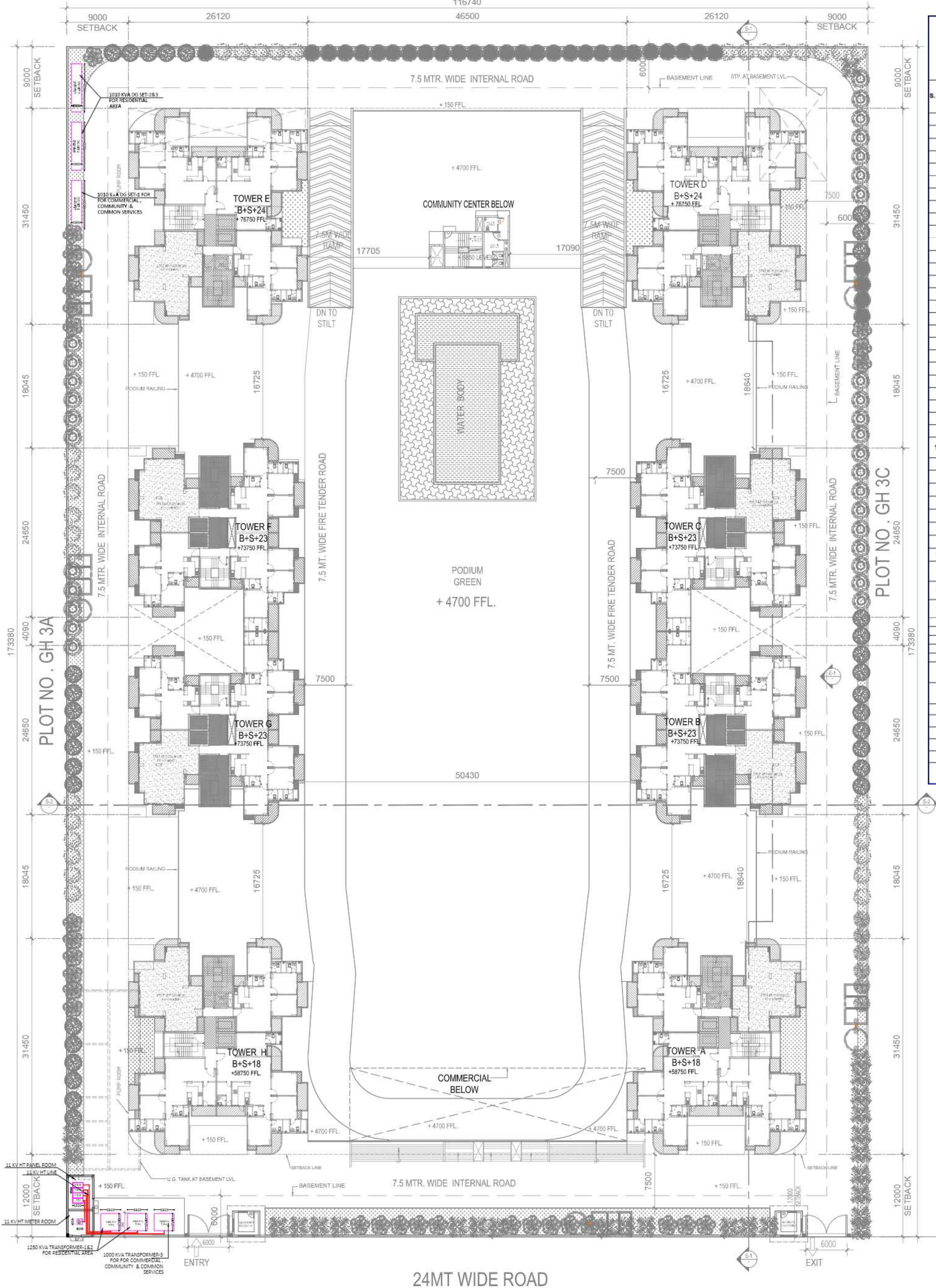


PLOT NO . GH 4A & GH4B



M/S.SUBLINE REALTECH PVT.LTD.
PLOT NO-3B, SEC-12,GREATER NOIDA (UP)PROPOSED GROUP
HOUSING PLOT NO. 3B SECTOR-12 GREATER NOIDA WEST

S. No.	DESCRIPTION	NOS OF FLOOR S	TOTAL AREA(Sq. Mtr.)	TOTAL CONNECTED LOAD	DIVERSITY	DEMAND LOAD(KW)
1	TOWER-A					
	1st FLOOR to 17th FLOOR	18	459.95	413.96 KW	50%	206.98 KW
2	TOWER-B					
	1st FLOOR to 17th FLOOR	23	366.18	421.11 KW	50%	210.55 KW
3	TOWER-C					
	1ST FLOOR TO 18TH FLOOR	23	366.18	421.11 KW	50%	210.55 KW
4	TOWER-D					
	1ST FLOOR TO 18TH FLOOR	24	459.95	551.94 KW	50%	275.97 KW
5	TOWER-E					
	1ST FLOOR TO 18TH FLOOR	24	459.95	551.94 KW	50%	275.97 KW
6	TOWER-F					
	1ST FLOOR TO 18TH FLOOR	23	366.18	421.11 KW	50%	210.55 KW
7	TOWER-G					
	1ST FLOOR TO 18TH FLOOR	23	366.18	421.11 KW	50%	210.55 KW
8	TOWER-H					
	1ST FLOOR TO 18TH FLOOR	18	459.95	413.96 KW	50%	206.98 KW
	TOTAL			3616.23 KW	50%	1808.11 KW
11	COMMERCIAL AREA -I		838.455	125.77 KW	75%	94.33 KW
	COMMON SERVICES					
	1 LIFT LOAD			160.00 KW	80%	128.00 KW
	2 PLUMBING LOAD			80.00 KW	80%	48.00 KW
	3 EXTERNAL LIGHTING			20.00 KW	80%	16.00 KW
	4 STP LOAD			40.00 KW	80%	32.00 KW
	5 FIRE FIGHTING LOAD			300.00 KW	10%	30.00 KW
	6 BASEMENT -I (LIGHTING)			25.00 KW	80%	20.00 KW
	7 VENTILATION LOAD			300.00 KW	80%	240.00 KW
	8 COMMON AREA LOAD FOR ALL TOWERS			50.00 KW	80%	40.00 KW
	9 COMMUNITY		820.090	123.014	75%	92.260
	TOTAL					2548.70
	GRAND TOTAL					2548.70 KW
	TRANSFORMER SELECTION					
	Maximum Demand Load in KVA (Power Factor@0.95)					2421.26 KVA
	Transformer Capacity Considering 80% Loading					3026.56 KVA
	Hence we propose to install 2Nos. 1250 KVA 11KV/433V Oil Filled Transformer for residential.					
	and we propose to install 1 Nos. 1000 KVA 11KV/433V Oil Filled Transformer for commercial area & common services.					
	DG SELECTION					
	Total Maximum Demand Load on DG considering 80% Overall Diversity					2038.96 KW
	Maximum Demand Load in KVA (Power Factor@0.8)					2548.70 KVA
	DG Capacity Considering 85% Loading					2998.47 KVA
	Hence we propose to install 2 No.1010 KVA DG Set for residential					
	Hence we propose to install 1 No.1010 KVA DG Set for commercial & common services.					

PROJECT NAME & ADDRESS :
M/S SUBLINE REALTECH PVT.LTD
PLOT NO. GH-3B SECTOR-12,
GREATER NOIDA WEST (UP)

PRINCIPAL ARCHITECT/ DESIGN CONSULTANT NAME & ADDRESS :

ARCHITECT CONSULTANT & PLANNERS
C-56/5, 3rd FLOOR, SECTOR-62, NOIDA - 201301
e-mail:- acplconsultant@gmail.com
Mo:- 09818061269

SUBMISSION DRAWING

OWNER'S SIGNATURE & SEAL:	ARCHITECT'S SIGNATURE & SEAL:
VIJAY SINGH Digitally signed by VIJAY SINGH Date: 2022.09.09 18:11:47 +05'30'	Vipin Kumar Vipin Kumar (+91-9810888888) postalCode=247776, state=Uttar Pradesh, 221420, India (91) 9810888888 c35e4d81e01e0a0b0310094752793a0f0 09e6, pseudoMyn=8f48618fda7d132d0c4b 41507095040220947a serialNumber=32902043A5A3F8E3310 0507A7A8E70B0338B7FC3A0464ED 05A3C80027891, cn=Vipin Kumar 2023100903103534+05'30'
BUILDING/BLOCK/FLOOR/PART :	NORTH :
DRAWING TITLE :	
EXTERNAL ELECTRICAL SUBSTATION LAYOUT	
DEALT :	CHECKED :
SCALE :	DATE :
DRAWING NO./CAD FILE NAME:	SHEET NO. : EL-01