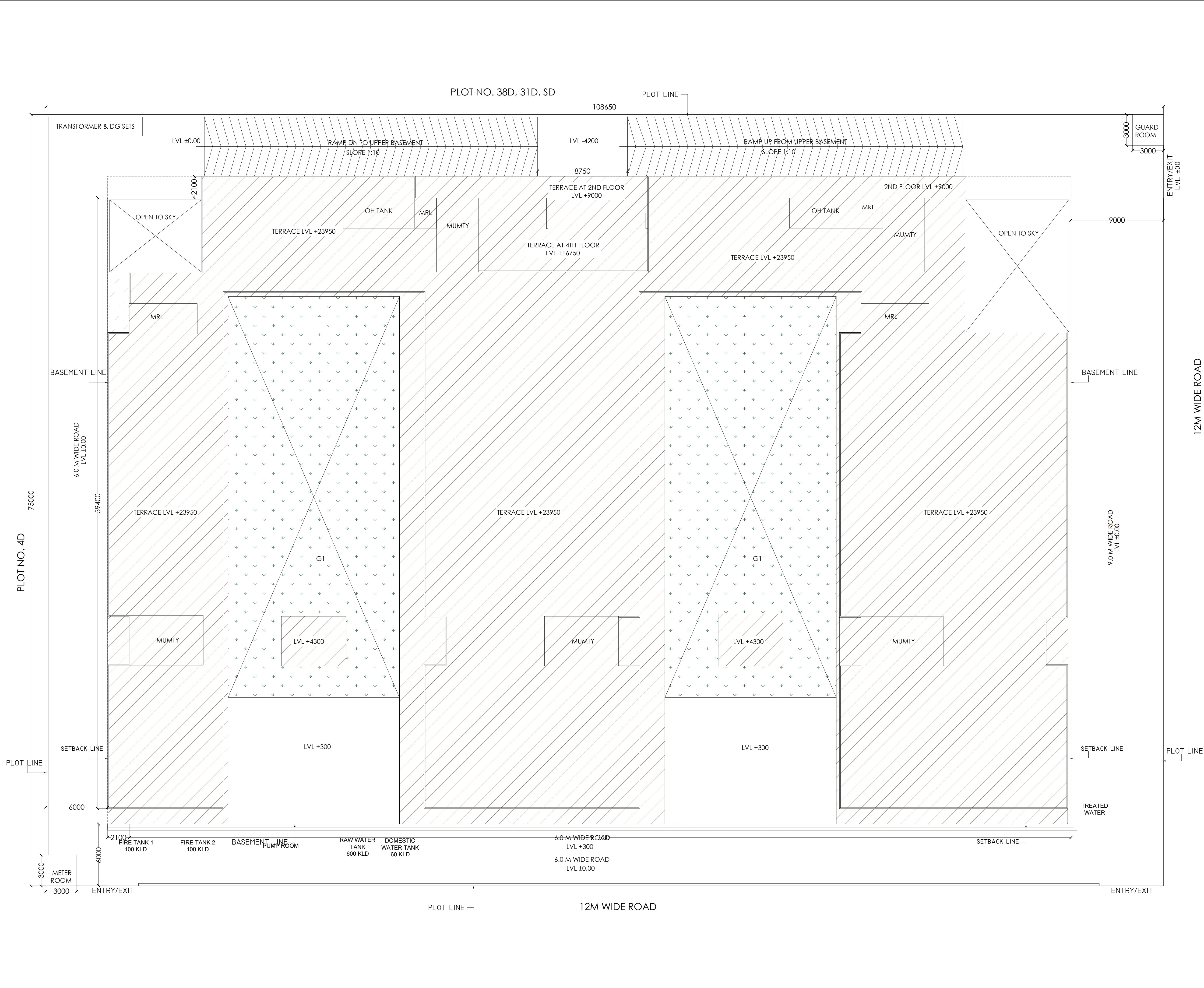




LOAD SELECTION FOR TRANSFORMER AND DG FOR M/S KNOWLEDGE SQUARE REALTECH LLP					
S. No.	DESCRIPTION	AREA / UNIT (IN SQM)	CONNECTED LOAD (KW) / FLAT	TOTAL CONNECTED LOAD (KW)	
1	LOWER BASEMENT	5816.363	58.164	58.16 KW	PARKING
2	UPPER BASEMENT	801.284	120.193	120.19 KW	RETAIL
	UPPER BASEMENT (PARKING)	5038.688	50.387	50.39 KW	PARKING
3	GROUND FLOOR	3236.083	485.264	485.26 KW	RETAIL
4	1ST FLOOR	3076.667	461.499	461.50 KW	RETAIL
5	2ND FLOOR	2778.763	413.369	413.37 KW	SUITE
6	3RD FLOOR	2696.569	134.778	134.78 KW	SUITE
7	4TH FLOOR	2629.969	131.498	131.50 KW	SUITE
8	5TH FLOOR	2629.969	131.498	131.50 KW	SUITE
8	GRAND TOTAL			1984.25 KW	
	Considering 80% Diversity for load			1544.96 KW	
	TRANSFORMER SELECTION				
	Total Maximum Demand in KW Load on Transformer			1544.96 KW	
	Maximum Demand Load in KVA (Power Factor@0.8)			1484.46 KVA	
	Transformer Capacity Considering 125% Loading			1867.89 KVA	
	It is proposed to install 2 No. 1050 KVA 33KV/433 V Oil Type Transformer.				
	DG SELECTION				
	Total Maximum Demand in KW Load on DG			841.47 KW	
	Maximum Demand Load in KVA (Power Factor@0.8)			1176.84 KVA	
	Transformer Capacity Considering 80% Loading			1384.51 KVA	
	It is proposed to install 1 No. 1250 & 1 No. 150 KVA Sets.				
</					