



**LOAD SELECTION FOR TRANSFORMER AND DG FOR M/S SVG GOLF AVENUE**

S. No.	DESCRIPTION	AREA/ UNIT (M <sup>2</sup> / NO.)	CONNECTED LOAD (KW/ FLAT)	TOTAL CONNECTED LOAD (KW)	REMARKS
1	LOWER BASEMENT	4318.238	41.182	41.18 KW	PARKING
2	UPPER BASEMENT (PARKING)	1302.741	13.027	13.03 KW	PARKING
3	GROUND FLOOR	2507.964	365.090	365.09 KW	RETAIL
4	1ST FLOOR	2437.037	369.549	369.55 KW	RETAIL
5	2ND FLOOR	1676.683	83.834	83.83 KW	SUITE
6	3RD FLOOR	1673.488	83.674	83.67 KW	SUITE
7	4TH FLOOR	1673.488	83.674	83.67 KW	SUITE
8	5TH FLOOR	1540.952	77.028	77.03 KW	SUITE
9	GRAND TOTAL			1498.38 KW	
Considering 80% Diversity for load				1098.64 KW	
<b>TRANSFORMER SELECTION</b>					
Total Maximum Demand in KW Load on Transformer				1098.64 KW	
Maximum Demand Load in KVA (Power Factor@0.9)				1220.71 KVA	
Transformer Capacity Considering 125% Loading				1525.88 KVA	
It is proposed to install 1 No. 1600 KVA 33KV/433 V Oil Type Transformer.					
<b>DG SELECTION</b>					
Total Maximum Demand in KW Load on DG				823.88 KW	
Maximum Demand Load in KVA (Power Factor@0.9)				1028.97 KVA	
Transformer Capacity Considering 85% Loading				1211.73 KVA	
It is proposed to install 1 No. 750 KVA, 1 No. 500 KVA DG Sets.					

OWNER'S SIGN

ARCHITECT'S SIGN

*Pankaj Nath Andley*  
 PANKAJ NATH ANDLEY  
 B. ARCH. A.I.J.A.  
 ARCHITECT CAB924888

**SUBMISSION DRAWING**

PROJECT:  
**PROPOSED COMMERCIAL "SVG GOLF AVENUE" FOR M/S SVG BULDECH LLP AT PLOT NO. COMMERCIAL SITE- C(H) IN INDUSTRIAL AREA SITE- C(H), SURAJPUR, G. NOIDA (UP)**

DRG. TITLE:-  
**ELECTRICAL SUPPLY PLAN**

SCALE:-1:100      DRG. NO.:-04  
 DLT.BY:-      DATE:-21/05/2026

ARCHITECTS:-  
 P. N. ANDLEY    B.ARCH.    A.I.J.A.  
**ANDLEYS ASSOCIATES PVT. LTD.**  
 ARCHITECTS    ENGINEERS    PLANNERS  
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