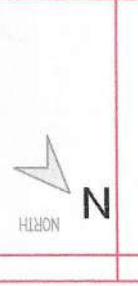


LEGENDS

- 25 % AREA COUNT IN FAR
- NON FAR
- 15 % PRESCRIBED FAR
- BASEMENT LINE
- SETBACK LINE
- PLOT LINE



CLIENT
M/s Savour Infra Pvt Ltd.

PROJECT
PROPOSED COMMERCIAL COMPLEX AT
PLOT NO. 18 GYC, POCKET - 03, L.F.D -03,
SECTOR -19 YEIDA GR, NOIDA (U.P.)

ARCHITECTS
+ DESIGN ASSOCIATES,
J-16, SECTOR-41, NOIDA - 201308,
Tel: 9625775674
Email: apurvesh@designassociatesnoida.com

ARCHITECTS SIGNATURE

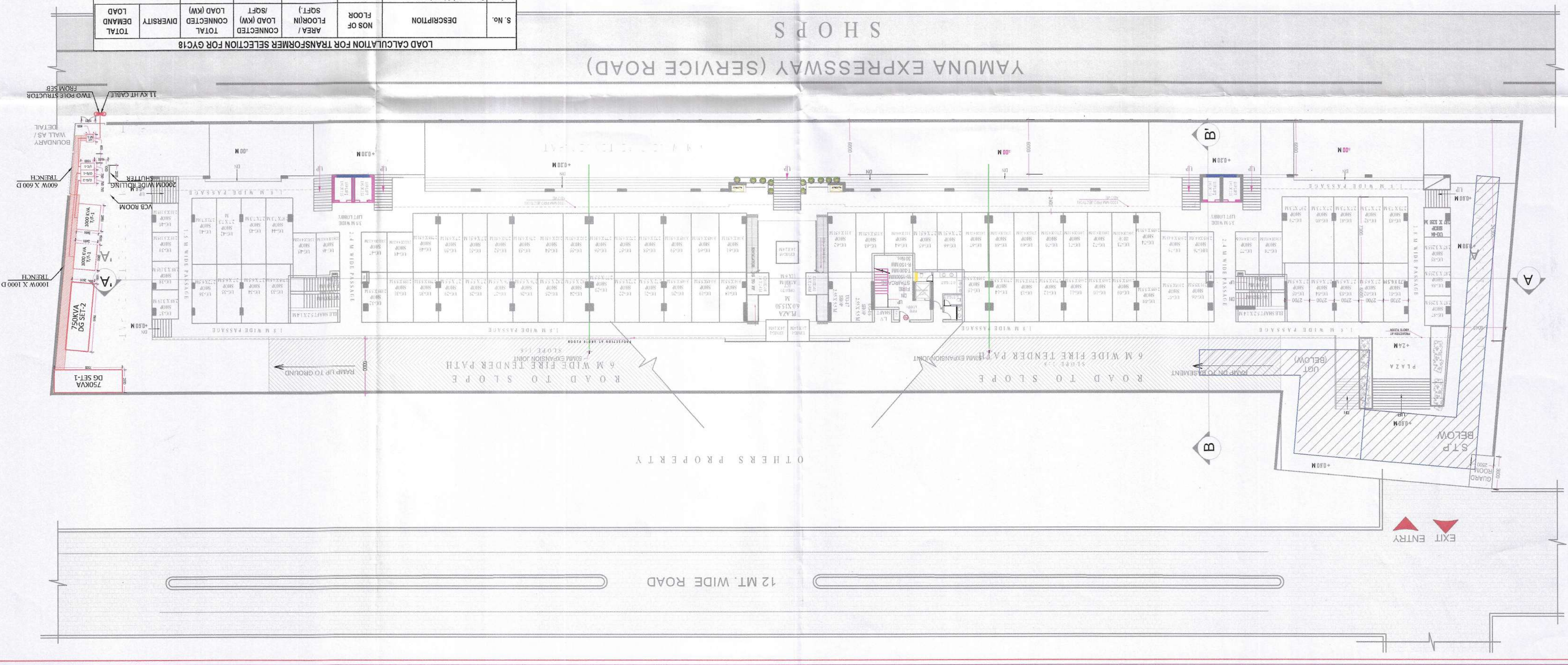
SITE ELECTRICAL SERVICES &
LOAD CALCULATION

ARCHITECTS SIGNATURE

SD/EL/01

OWNERS SIGNATURE

UPPER GROUND FLOOR PLAN



LOAD CALCULATION FOR TRANSFORMER SELECTION FOR GYC18

S. No.	DESCRIPTION	NOS OF FLOOR	AREA / FLOOR (SQFT)	CONNECTED LOAD (KW)	DIVERSITY	TOTAL DEMAND LOAD
A.	Commercial Load					
i.	LOWER GROUND FLOOR	1	2534.06	0.015 KW	75%	285.15 KW
ii.	GROUND FLOOR	1	2176.45	0.015 KW	75%	244.85 KW
iii.	FIRST FLOOR	1	2170.44	0.015 KW	75%	244.23 KW
iv.	SECOND FLOOR	1	1817.46	0.015 KW	75%	204.49 KW
v.	THIRD FLOOR	1	1460.87	0.015 KW	75%	164.29 KW
vi.	FOURTH FLOOR	1	11675.32	0.015 KW	75%	131.35 KW
B.	COMMON SERVICES					
i.	LIFT LOAD (5 LIFTS) @ 7.5 KW Each					37.50 KW
ii.	ESCALATOR (4 Nos) @ 7.5 KW Each					30.00 KW
iii.	PLUMBING LOAD					24.00 KW
iv.	EXTERNAL LIGHTING					8.00 KW
v.	STP LOAD					4.00 KW
vi.	FIRE FIGHTING LOAD					16.00 KW
vii.	LOWER BASEMENT (VENTILATION)					15.00 KW
viii.	BASEMENT (LIGHTING)					1.60 KW
ix.	COMMON AREA					2.00 KW
TOTAL						1389.56 KW
TRANSFORMER SELECTION						
Maximum Demand Load in KVA (Power Factor@0.9)						1389.56 KVA
Transformer Capacity Considering 80% Loading						1736.95 KVA
It is proposed to install 2 Nos. 1000 KVA 11KV/415 V Oil Type Transformers						
DG SELECTION						
Maximum Demand Load in KVA (Power Factor@0.9)						1389.56 KW
Overall Diversity 80%						1111.65 KW
Maximum Demand Load in KVA (Power Factor@0.9)						1235.16 KVA
DG Capacity Considering 80% Loading						1543.96 KVA
It is proposed to install 2 No. 750 KVA						