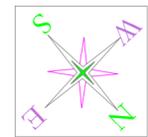


173370

**SUMMARY OF ELECTRICAL LOAD - PROPOSED GROUP HOUSING AT PLOT NO. GH-04A, SEC-12, GREATER NOIDA**

SUBSTATION SUMMARY				
S.No	Description	Nos. of Unit	Total Load	Equipments Selection
<b>CALCULATION FOR TRANSFORMERS</b>				
1	Consumer Load	780	= 2900 KVA	Recommended Transformers = 2 nos 2000 KVA, 11/0.433 kV, Compact Substations.
2	Common Services		= 700 KVA	Recommended Transformers = 1 nos. 1000 KVA, 11/0.433 kV, Compact Substation
3	EV Charging		= 360 KVA	Recommended Transformers = 1 nos. 500 KVA, 11/0.433 kV, Compact Substation
<b>Total</b>		<b>780</b>	<b>= 3960 KVA</b>	
<b>CALCULATION FOR DG SETS</b>				
4	Essential Load_Option-01		= 2334 KVA	Recommended DG Sets = 1 nos 1250 KVA & 2 nos 750 KVA, Silent DG Sets
<b>Total</b>			<b>= 2334 KVA</b>	



project  
**PROPOSED SUBMISSION DRAWINGS FOR PROPOSED GROUP HOUSING AT PLOT No:- GH-04A, SECTOR-12, GREATER NOIDA WEST (U.P) FOR M/s LOTUS SRS BUILTECH PVT. LTD.**

title  
**SITE PLAN**

subtitle  
**EX. ELECTRICAL SUBSTATION SPACE LAYOUT**

drawing released for  
 APPROVAL  **AUTHORITY SUBMISSION**  
 ADVANCE COPY  CONSTRUCTION

drg. no. M.S. - 12 / EX / S-04 drawn by Kulwant

scale 1:400 designed by R.K

date checked by Anand Havelia

owner architects

services consultant  
**Consummate Engineering Services (P) Ltd.**  
 Noida Office : B-67, Sector - 67, Noida - 201 301  
 Tel : (0120) 2993500 (30 Lines)  
 Lko Office : R-006, Rohas Plumeria, Gomti Nagar, Lucknow  
 Tel : (0522) 6515455  
 e mail : mail@cespl.in, website : www.cespl.in