

# AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH

408/1, Kuratoli, Khilkhet, Dhaka 1229,  
Bangladesh



Assignment Title: <b>OBE Assignment CAD</b>
Assignment No: <b>2</b>
Course Title: <b>COMPUTER AIDED DESIGN AND DRAFTING</b>
Course Code: <b>BAE 2101</b> Section: <b>E</b>
Course Teacher: <b>NAFISH SARWAR ISLAM</b>
Semester: <b>Spring (2020-2021)</b>
Presentation Link: <a href="https://youtu.be/pPB15dp_x8w">https://youtu.be/pPB15dp_x8w</a>

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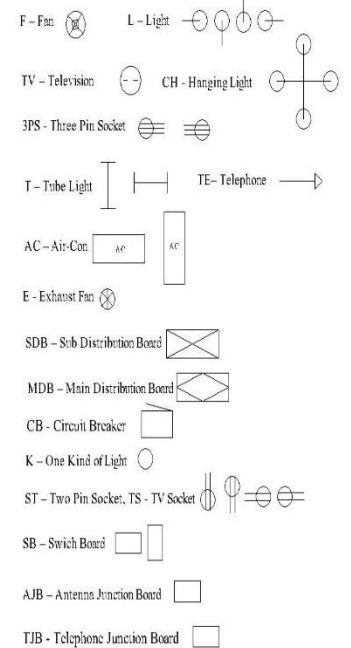
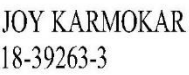
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No	Name	ID	Program	Signature
1	<b>JOY KARMOKAR</b>	<b>18-39263-3</b>	<b>BSc CSE</b>	<i>Joy</i>

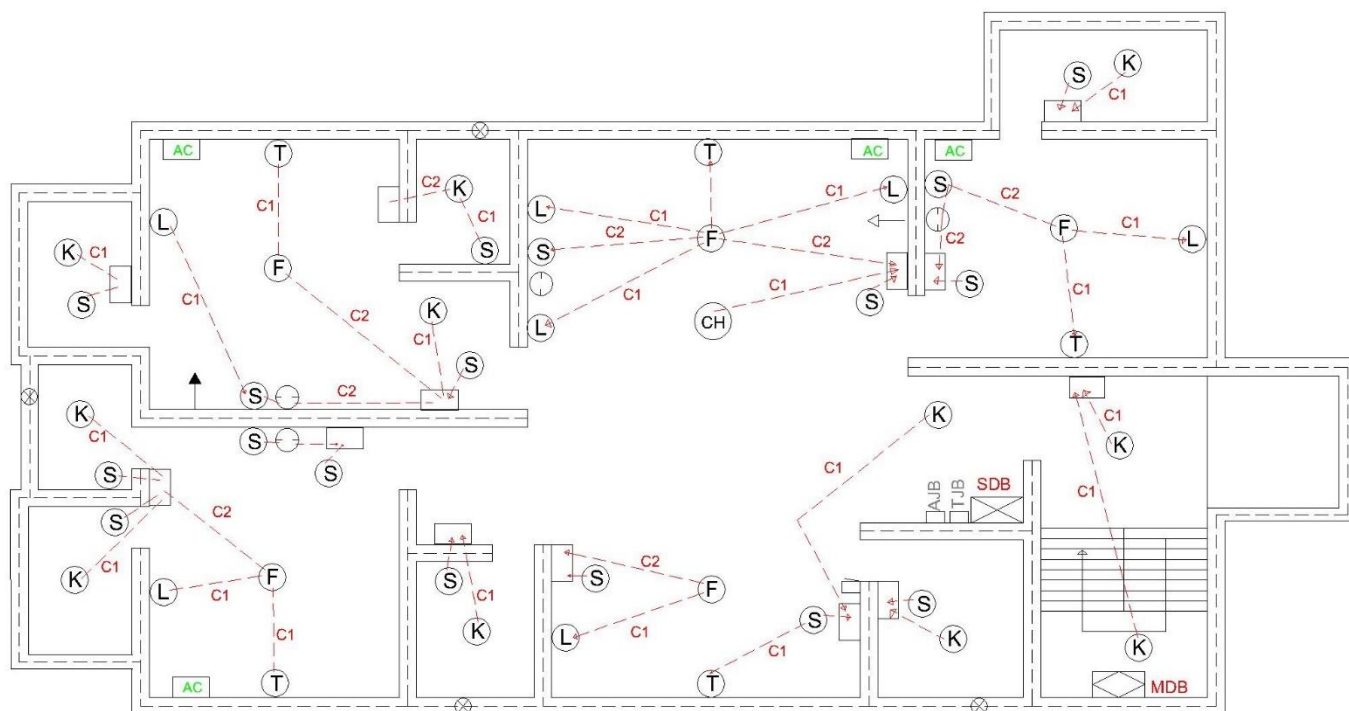
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FACULTY COMMENTS:	Marks Obtained	
	Total Marks	

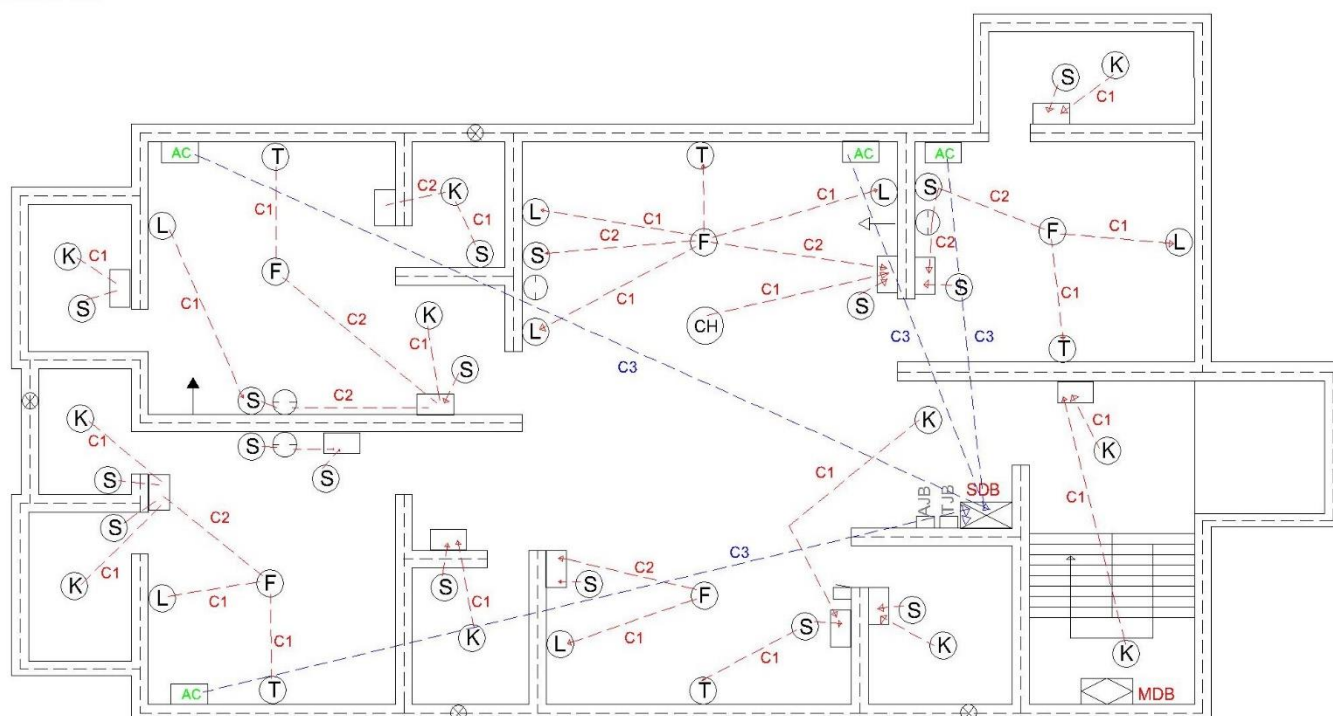
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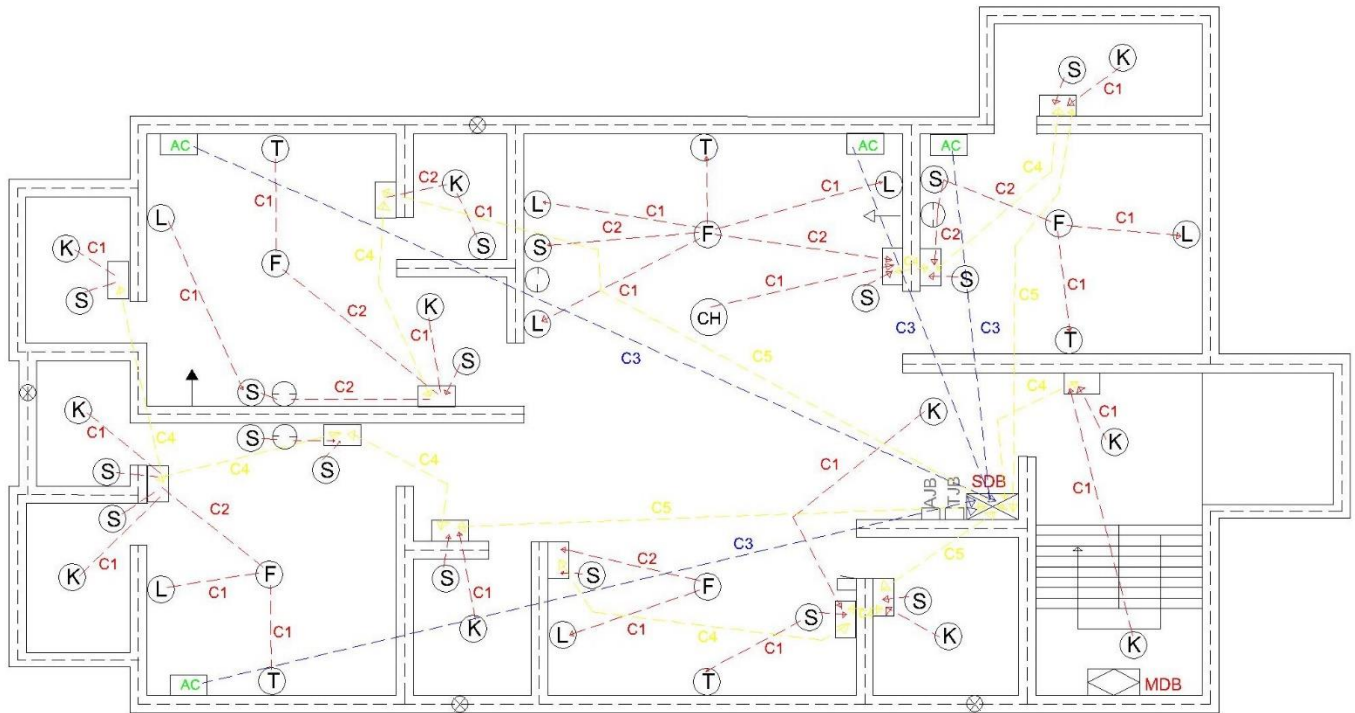


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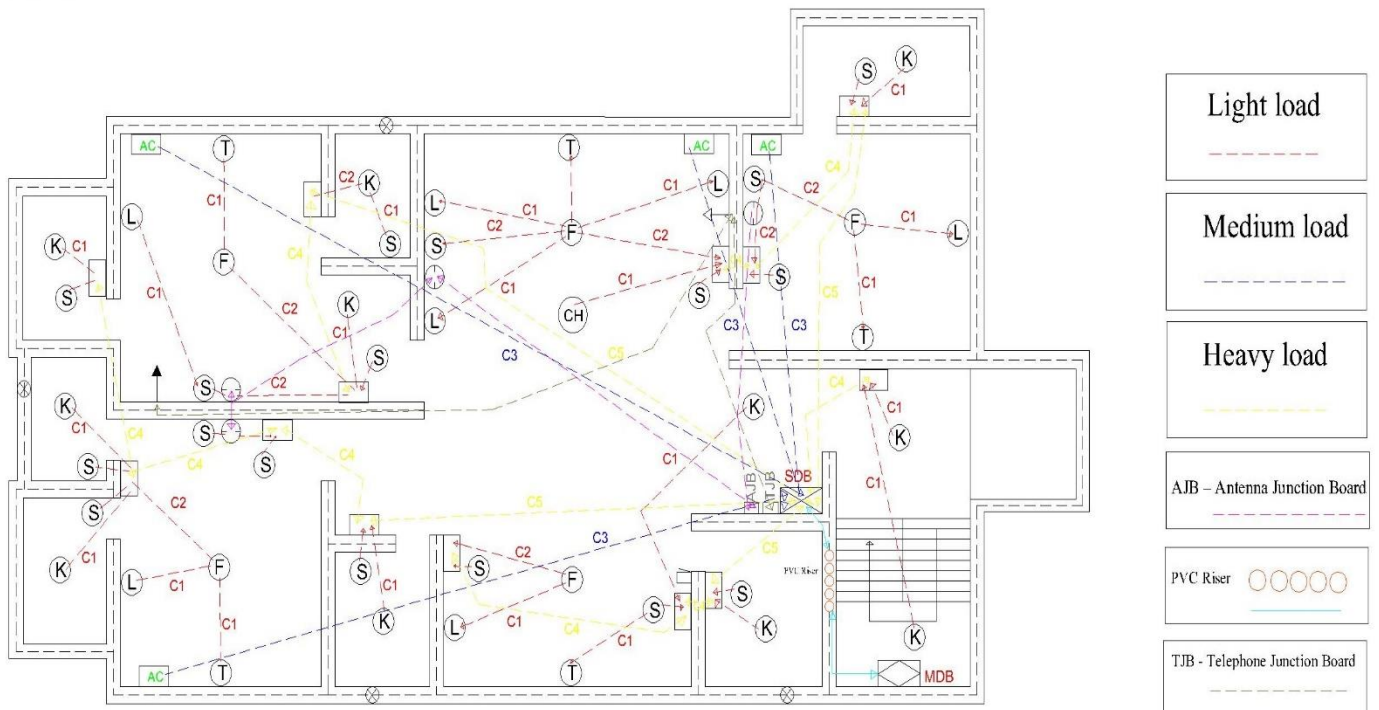
# Layout Heavy Load

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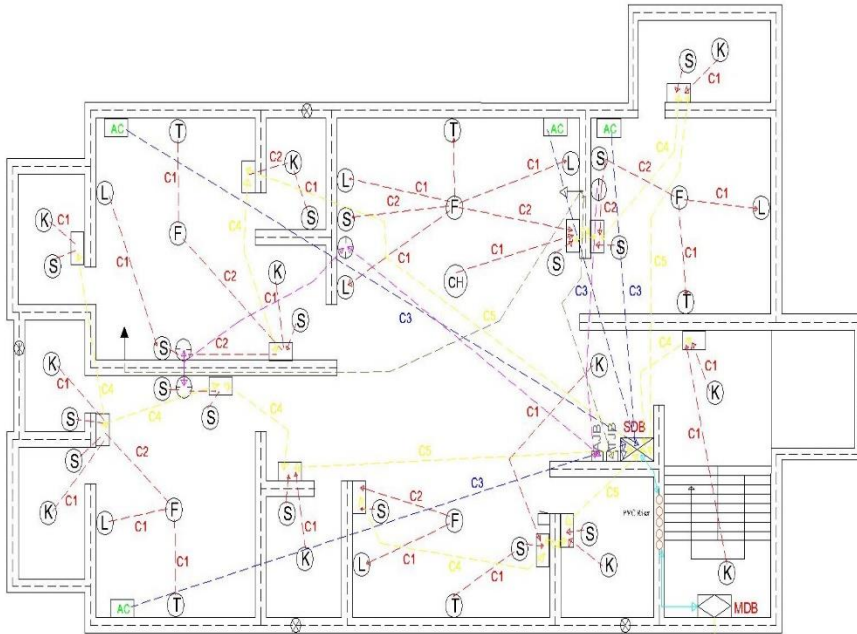
## Layout (SB-SDB) (SB-MDB)

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# Building and Generator Capacity

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## Legend

L-Light (6\*40)=240W  
K-One Kind of Light (10\*30)=300W  
T-Tube Light (5\*60)=300W  
F-Fan (5\*80W)=400W.  
AC-Air Conditioner (4\*800W)=3200W.  
E-Exhaust Fan (4\*100W)=400W.  
SB-Switch Board (12\*1100W)=13200W.  
ST-2 Pin Socket & TS- TV Socket(4\*250W)+(4\*300)=2200W.  
3PS-Three Pin Socket (6\*1000W)=6000W.  
Total Power= 25880.

Generator Room= 19\*19'  
Generator Capacity= 258.8 kW.

