

## ELECTRICITY

### 10 DAY LESSION PLAN

The following 15 Blue Prints are to be drawn in the schematic form using the techniques learned in class.

You are required to have the following items present on each schematic.

1. Power labeled
2. Straight lines
3. Proper color code on all lines
4. Proper devices drawn
5. Boxes around all devices

You can refer to the following videos for help:

- SinglePole  
<https://www.youtube.com/watch?v=CaaLw01fMo8&t=2s>
- 3way  
[https://www.youtube.com/watch?v=xBEi\\_fYDMJw](https://www.youtube.com/watch?v=xBEi_fYDMJw)
- 4ways  
<https://www.youtube.com/watch?v=jYFVsUqY6zc>

- Receptacle

<https://www.youtube.com/watch?v=xex8cPv8CtA>

- GFCI

[https://www.youtube.com/watch?v=Fe9hwE8dN\\_k](https://www.youtube.com/watch?v=Fe9hwE8dN_k)

## NEAT.....NOT SLOPPY

Here are the following deductions.

1. -3 for incorrect labeling for each infraction
2. -3 for unlabeled power source
3. -3 for missing boxes and connections outside of the box for each infraction
4. -5 for each device that would not work properly
5. A ZERO for projects not complete.

All 15 projects will be averaged into 1 cumulative grade!

Email if any questions. Brian.Oneill@DCCTC.org

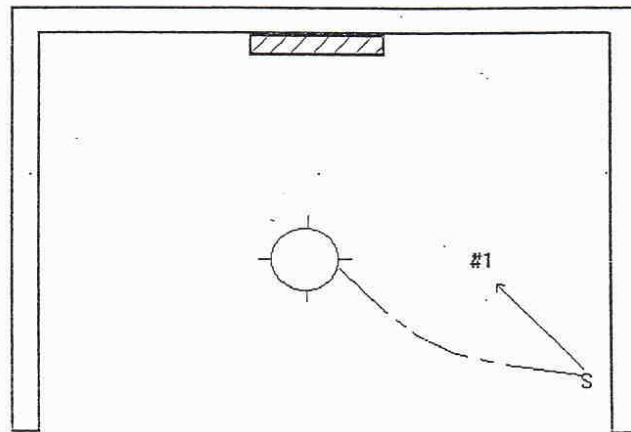
Here are the following 15 projects!



ELECTRICITY  
Personal Project # 1

Name \_\_\_\_\_ Date \_\_\_\_\_

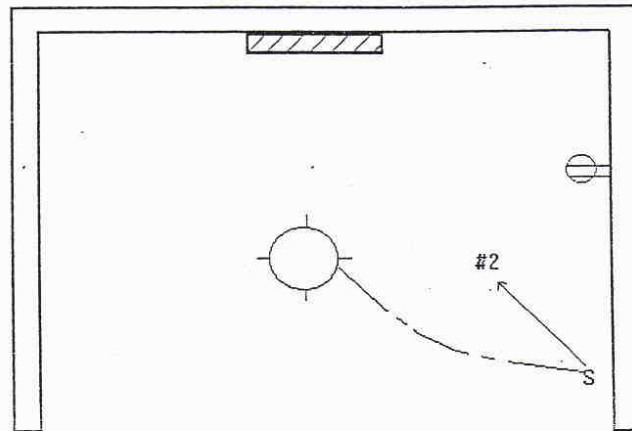
Draw the circuit diagram of the below architectural drawing, after approval  
Wire the project !



ELECTRICITY  
Personal Project # 2

Name \_\_\_\_\_ Date \_\_\_\_\_

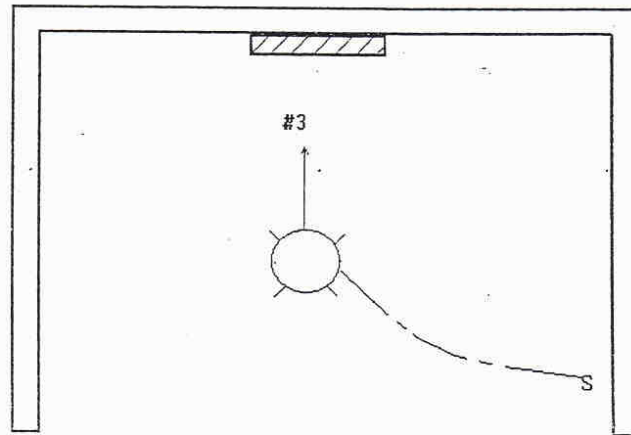
Draw the circuit diagram of the below architectural drawing, after approval  
Wire the project !



ELECTRICITY  
Personal Project # 3

Name \_\_\_\_\_ Date \_\_\_\_\_

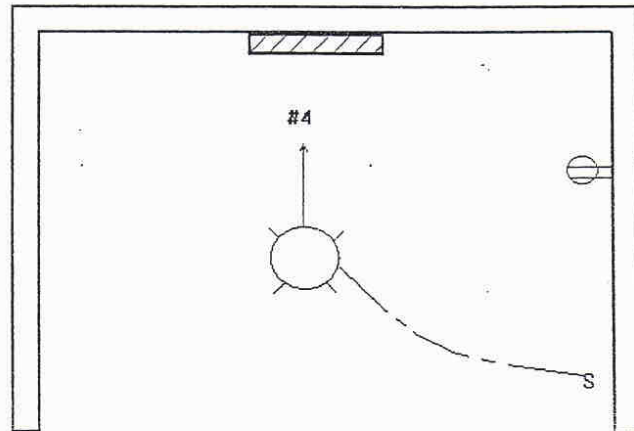
Draw the circuit diagram of the below architectural drawing, after approval  
Wire the project !



ELECTRICITY  
Personal Project # 4

Name \_\_\_\_\_ Date \_\_\_\_\_

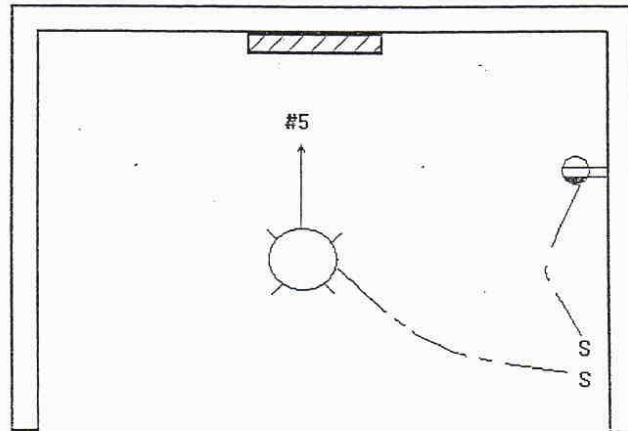
Draw the circuit diagram of the below architectural drawing, after approval  
Wire the project !



ELECTRICITY  
Personal Project # 5

Name \_\_\_\_\_ Date \_\_\_\_\_

Draw the circuit diagram of the below architectural drawing, after approval  
Wire the project !

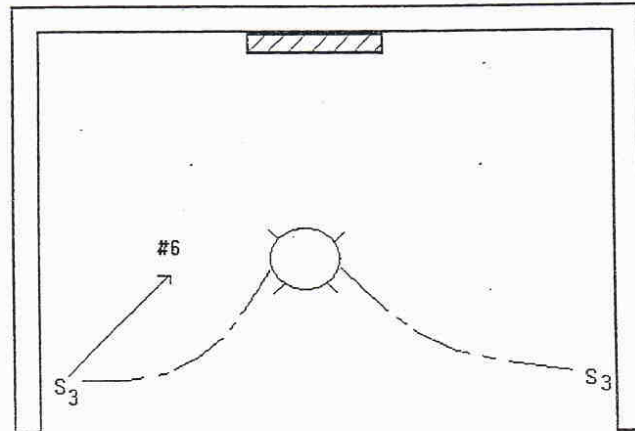




ELECTRICITY  
Personal Project # 6

Name \_\_\_\_\_ Date \_\_\_\_\_

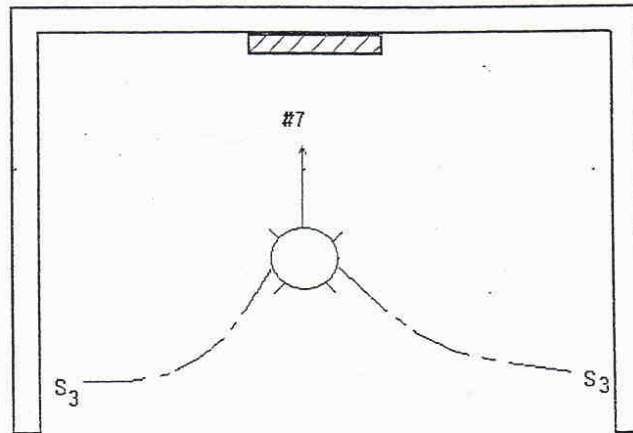
Draw the circuit diagram of the below architectural drawing, after approval  
Wire the project !



ELECTRICITY  
Personal Project # 7

Name \_\_\_\_\_ Date \_\_\_\_\_

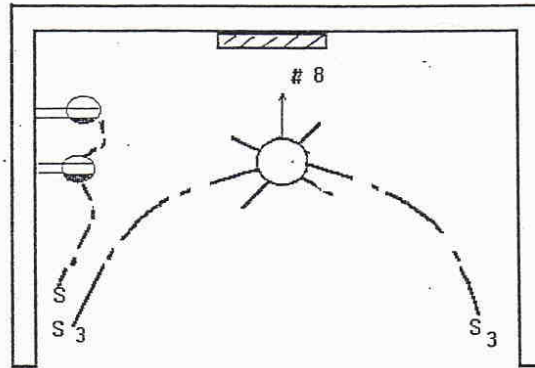
Draw the circuit diagram of the below architectural drawing, after approval  
Wire the project !



ELECTRICITY  
Personal Project # 8

Name \_\_\_\_\_ Date \_\_\_\_\_

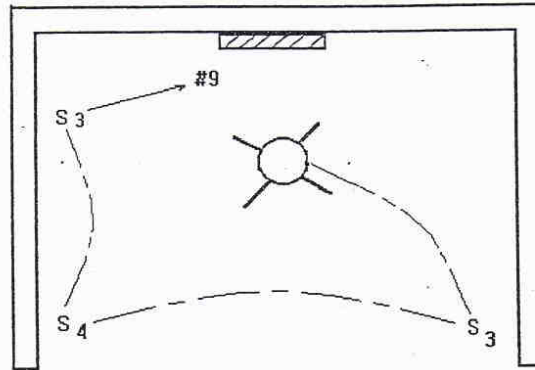
Draw the circuit diagram of the below architectural drawing, after approval  
Wire the project!



ELECTRICITY  
Personal Project # 9

Name \_\_\_\_\_ Date \_\_\_\_\_

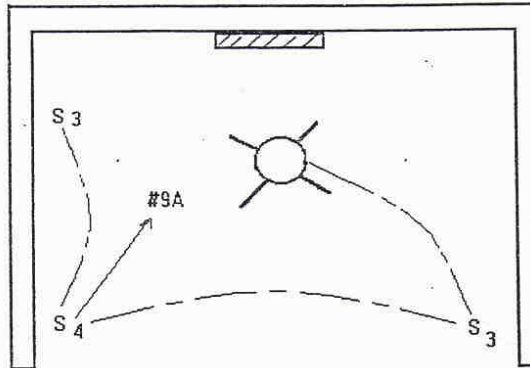
Draw the circuit diagram of the below architectural drawing, after approval  
Wire the project!



ELECTRICITY  
Personal Project # 9 A

Name \_\_\_\_\_ Date \_\_\_\_\_

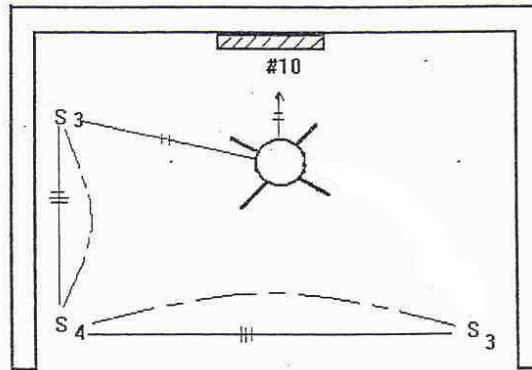
Draw the circuit diagram of the below architectural drawing, after approval  
Wire the project!



ELECTRICITY  
Personal Project # 10

Name \_\_\_\_\_ Date \_\_\_\_\_

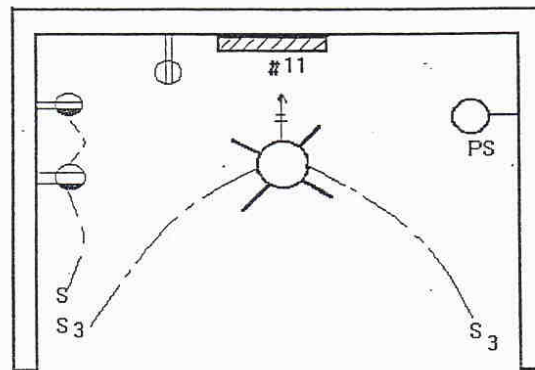
Draw the circuit diagram of the below architectural drawing, after approval  
Wire the project!



ELECTRICITY  
Personal Project # 11

Name \_\_\_\_\_ Date \_\_\_\_\_

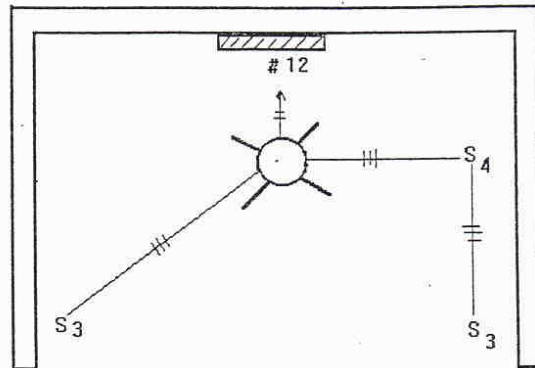
Draw the circuit diagram of the below architectural drawing, after approval  
Wire the project!



ELECTRICITY  
Personal Project #12

Name \_\_\_\_\_ Date \_\_\_\_\_

Draw the circuit diagram of the below architectural drawing, after approval  
Wire the project!

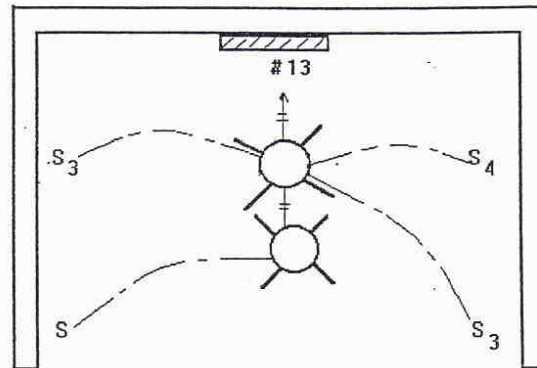




ELECTRICITY  
Personal Project # 13

Name \_\_\_\_\_ Date \_\_\_\_\_

Draw the circuit diagram of the below architectural drawing, after approval  
Wire the project!



ELECTRICITY  
Personal Project # 14

Name \_\_\_\_\_ Date \_\_\_\_\_

Draw the circuit diagram of the below architectural drawing, after approval  
Wire the project!

