

ELECTRICITY
3 WEEK LESSION PLAN
Email: brian.oneill@dcctc.org

The following 23 Blue Prints are to be drawn in the schematic form using the techniques learned in class. There may be some items we didn't cover. **Make an effort to complete each project.**

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

- 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

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 23 projects will be averaged into 1 cumulative grade!

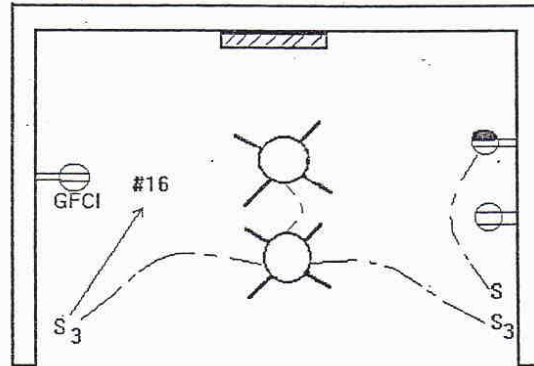
Email if any questions. Brian.Oneill@DCCTC.org

Here are the following 23 projects!

ELECTRICITY
Personal Project # 16

Name _____ Date _____

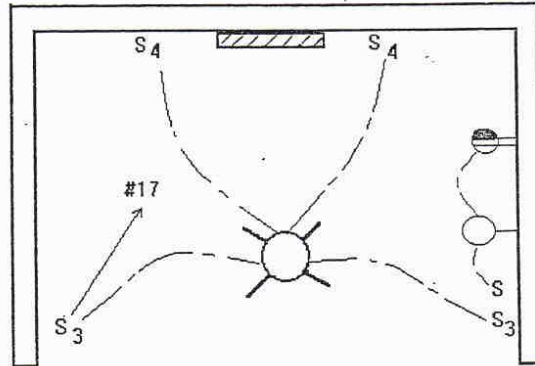
Draw the circuit diagram of the below architectural drawing, after approval
Wire the project!



ELECTRICITY
Personal Project # 17

Name _____ Date _____

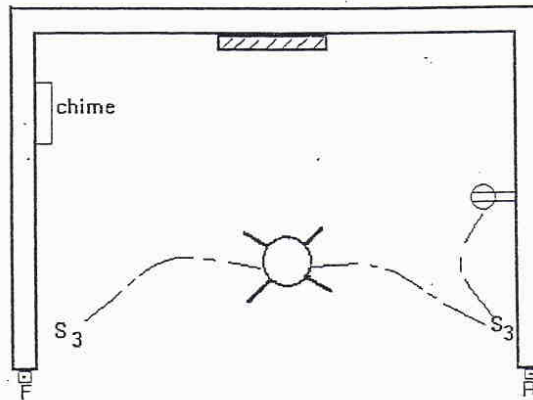
Draw the circuit diagram of the below architectural drawing, after approval
Wire the project!



ELECTRICITY
Personal Project # 18

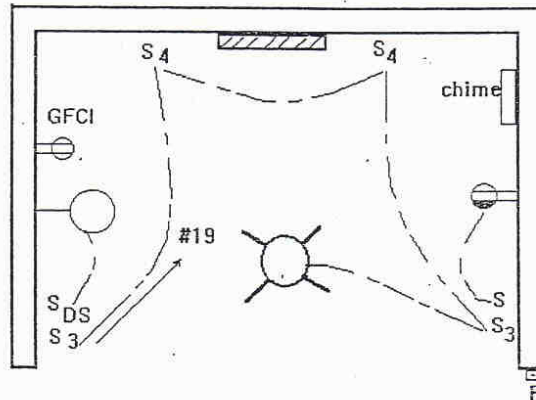
Name _____ Date _____

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



Personal Project #19 1st SEM

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



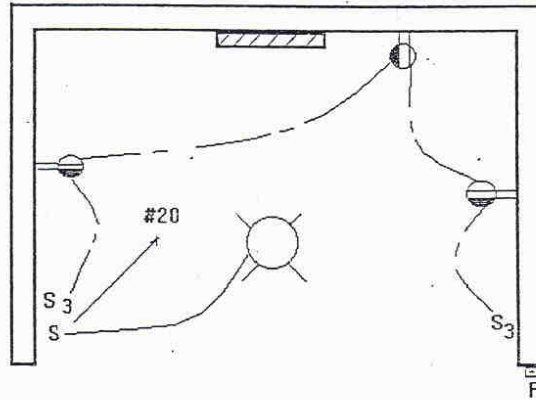
Name _____ Date _____

[illegible]

ELECTRICITY
Personal Project # 20

Name _____ Date _____

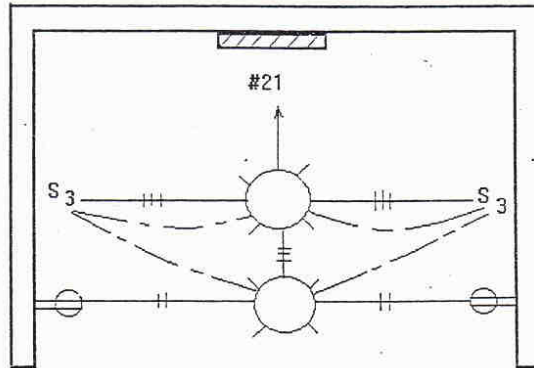
Draw the circuit diagram of the below architectural drawing, after approval
Wire the project!



ELECTRICITY
Personal Project # 21

Name _____ Date _____

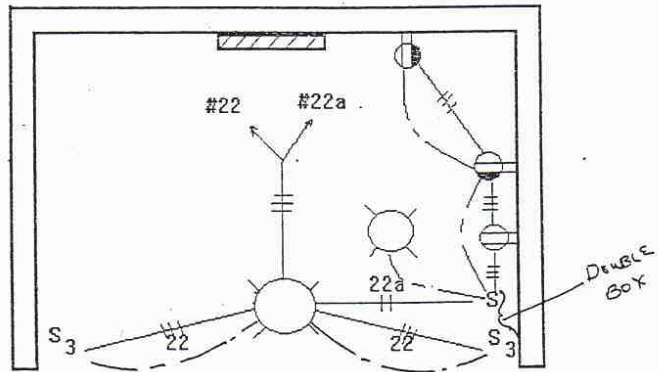
Draw the circuit diagram of the below architectural drawing, after approval
Wire the project!



ELECTRICITY
Personal Project # 22

Name _____ Date _____

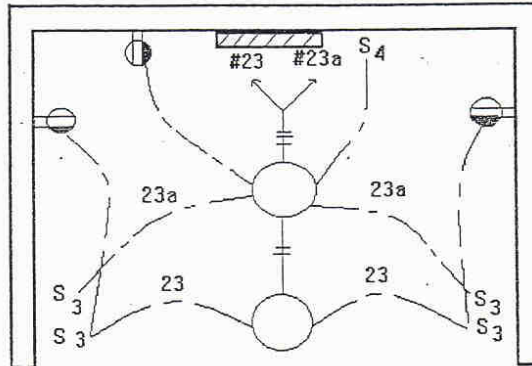
Draw the circuit diagram of the below architectural drawing, after approval
Wire the project!



ELECTRICITY
Personal Project # 23

Name _____ Date _____

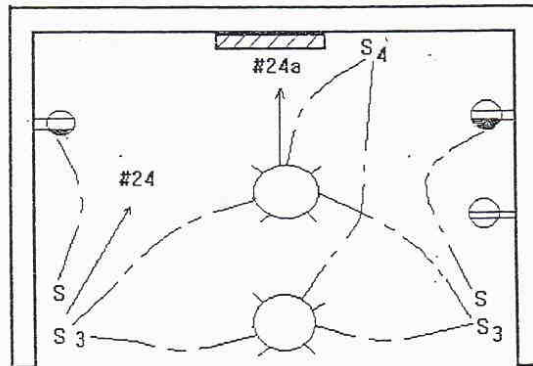
Draw the circuit diagram of the below architectural drawing, after approval
Wire the project!



ELECTRICITY
Personal Project # 24

Name _____ Date _____

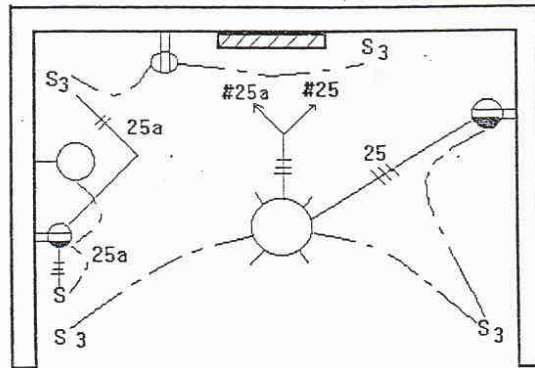
Draw the circuit diagram of the below architectural drawing, after approval
Wire the project!



ELECTRICITY
Personal Project # 25

Name _____ Date _____

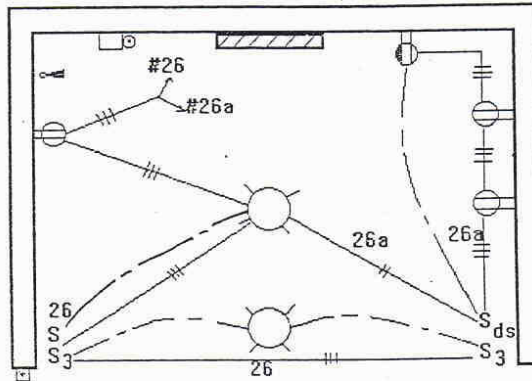
Draw the circuit diagram of the below architectural drawing, after approval
Wire the project!



ELECTRICITY
Personal Project # 26

Name _____ Date _____

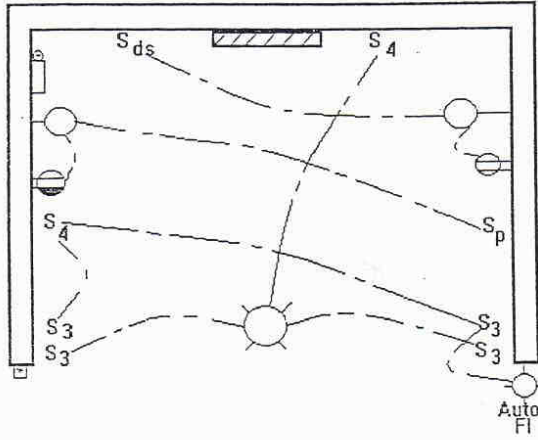
Draw the circuit diagram of the below architectural drawing, after approval
Wire the project!



ELECTRICITY
Personal Project # 27

Name _____ Date _____

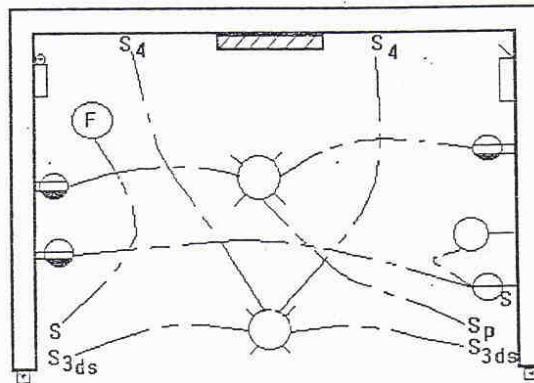
Draw the circuit diagram of the below architectural drawing, after approval
Wire the project!



Personal Project #28

Date _____

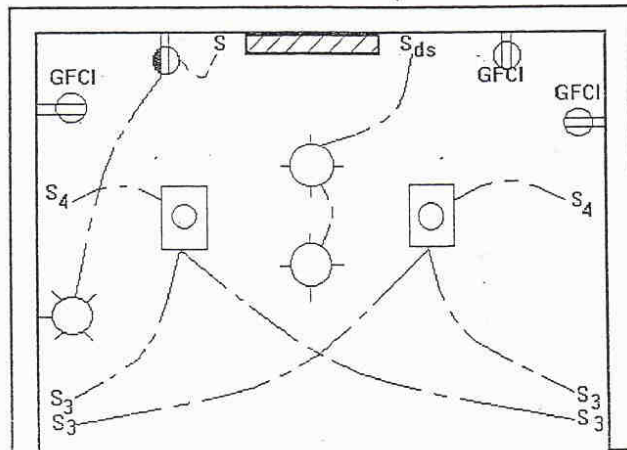
Draw the circuit diagram of the below architectural drawing, after approval
Wire the project!



ELECTRICITY
Personal Project # 29

Name _____ Date _____

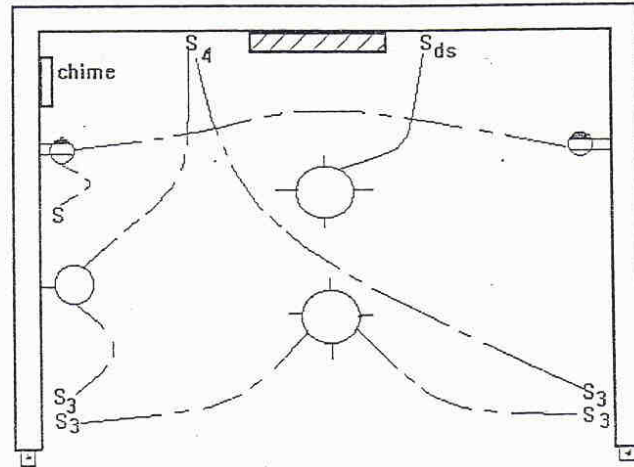
Draw the circuit diagram of the below architectural drawing, after approval
Wire the project!



ELECTRICITY
Personal Project # 30

Name _____ Date _____

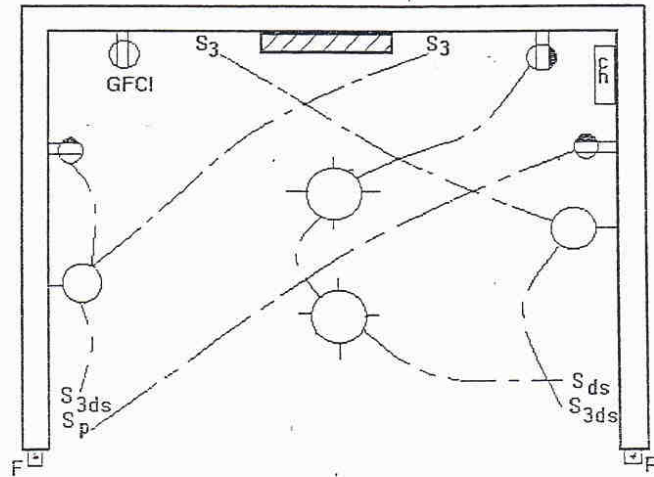
Draw the circuit diagram of the below architectural drawing, after approval
Wire the project!



ELECTRICITY
Personal Project # 31

Name _____ Date _____

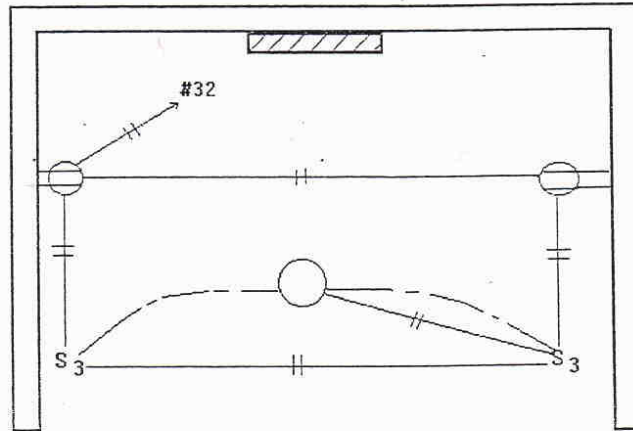
Draw the circuit diagram of the below architectural drawing, after approval
Wire the project!



Personal Project #32

Name _____ Date _____

Draw the circuit diagram of the below architectural drawing, after approval
Wire the project using only 14/2 romex !

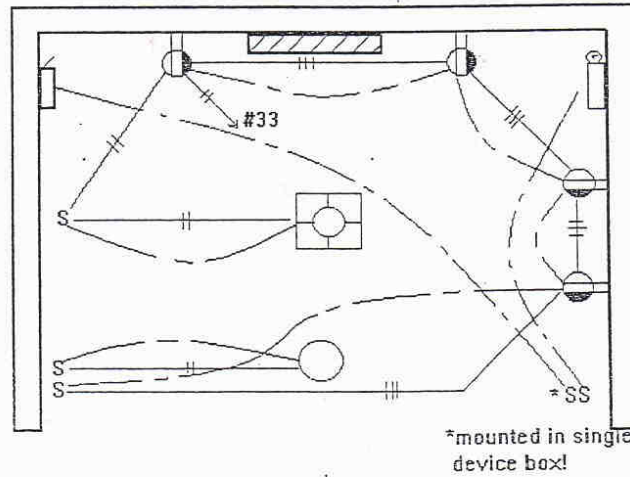


235

ELECTRICITY
Personal Project # 33

Name _____ Date _____

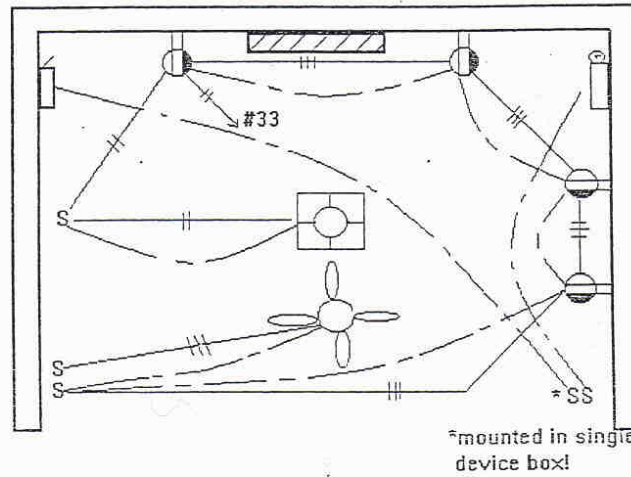
Draw the circuit diagram of the below architectural drawing, after approval
Wire the project !



ELECTRICITY
Personal Project # 33 2nd Sem

Name _____ Date _____

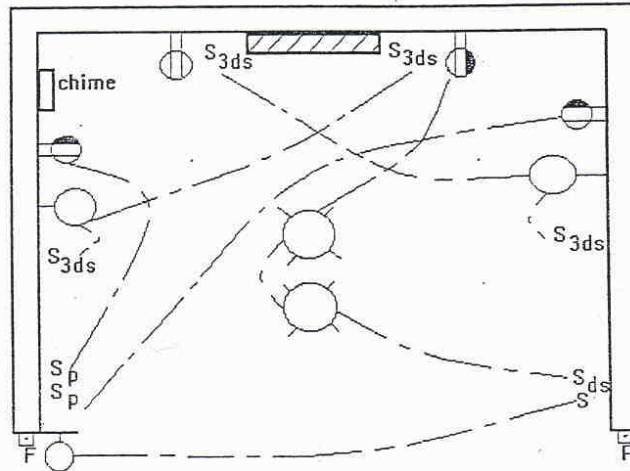
Draw the circuit diagram of the below architectural drawing, after approval
Wire the project !



ELECTRICITY
Personal Project # 34

Name _____ Date _____

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



Name _____ Date _____

ELECTRICITY
Personal Project # 36

Name _____ Date _____

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

