

Wall Section Project, Part Two: Electrical

Names: _____

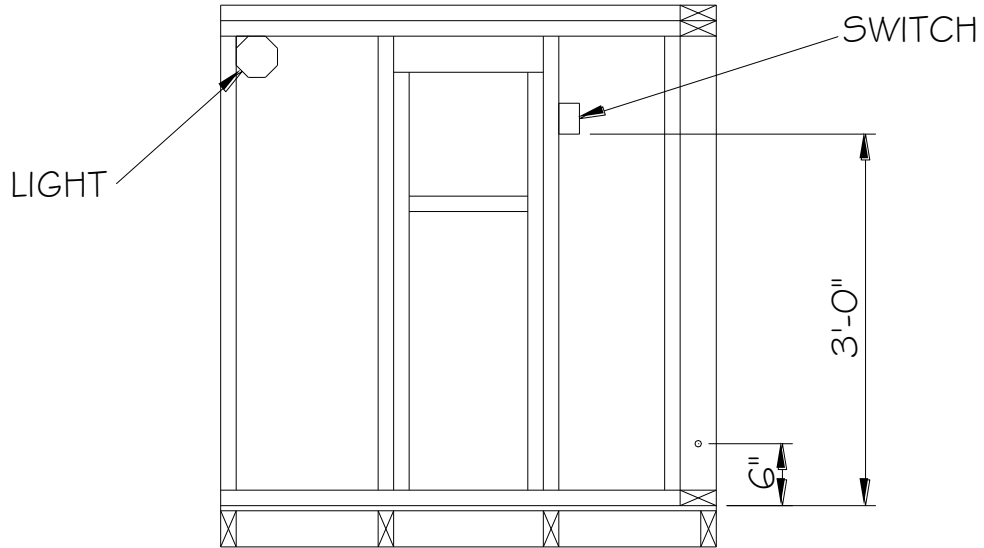
Date: _____

1. Complete the electrical circuit according to the layout provided.
2. The receptacle must be live at all times and the switch must control the light.
3. Do not plug in electrical until wiring is checked by the teacher.
4. Use the electrical assessment checklist as a guide to complete this project.

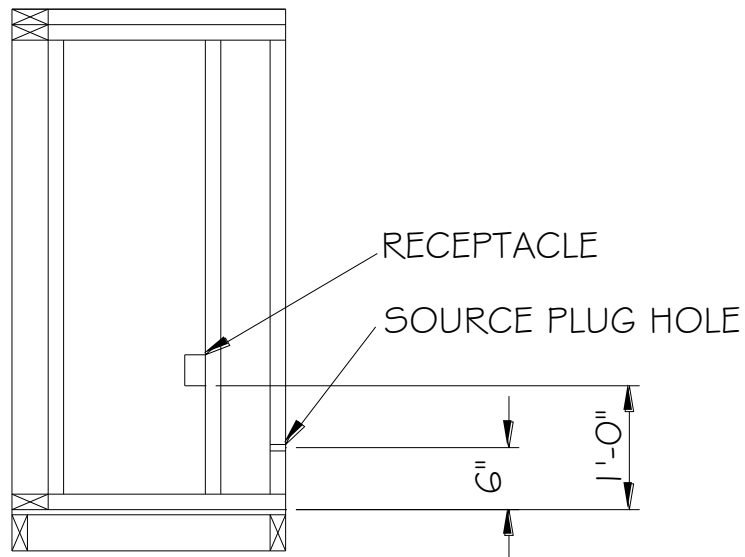
Electrical Assessment:

1. Boxes are in correct location and attached securely. /6
 2. Cables and staples are correctly installed along studs. /6
 3. Cables are clamped securely in boxes. /5
 4. Cable in each box has 1/2" of sheathed cable and 6"-8" of stripped cable showing. /5
 5. All individual wires are stripped so insulation goes tight to the screw terminals and wire connectors. /5
 6. Each wire is wrapped clockwise and tightly screwed to terminals. /6
 7. All wire connectors are on tightly. /3
 8. Continuity test shows all 3 boxes grounded properly. /3
 9. Continuity test is correct for ground, neutral, and hot. /9
 10. Three-prong receptacle tester indicates correct wiring. /2
- Total: /50**

WALL SECTION: ELECTRICAL LAYOUT



FRONT VIEW



LEFT SIDE VIEW