

# Electrical Workshop

## ELECTRICAL & CIRCUIT INSTALLATION

### Electrical Installation

Step 1: Install the 1900 box (junction box for the power), for the duplex outlet, 12" (o.c.) from the floor.

Step 2: Install the 1900 box, for the single pole switch, 48" (o.c.) from the floor.

Step 3: Install the 8b box, for the light fixture, 54" (o.c.) from the floor.

Step 4: Measure, cut, and install the conduit to connect the 1900 boxes.

### Circuit Installation

Step 1: Pull & attaché the hot & neutral for the light fixture.

Step 2: Pull & attach the Switch Leg (hot) and the neutral for the single pole switch.

Step 3: Install 6" – 8" pig-tails on the receptacle for splicing onto the power.

**CAUTION!!! DO NOT PLUG IN YOUR POWER UNTIL YOUR INSTALLATION HAS BEEN APPROVED BY AN INSTRUCTOR**

### Notes:

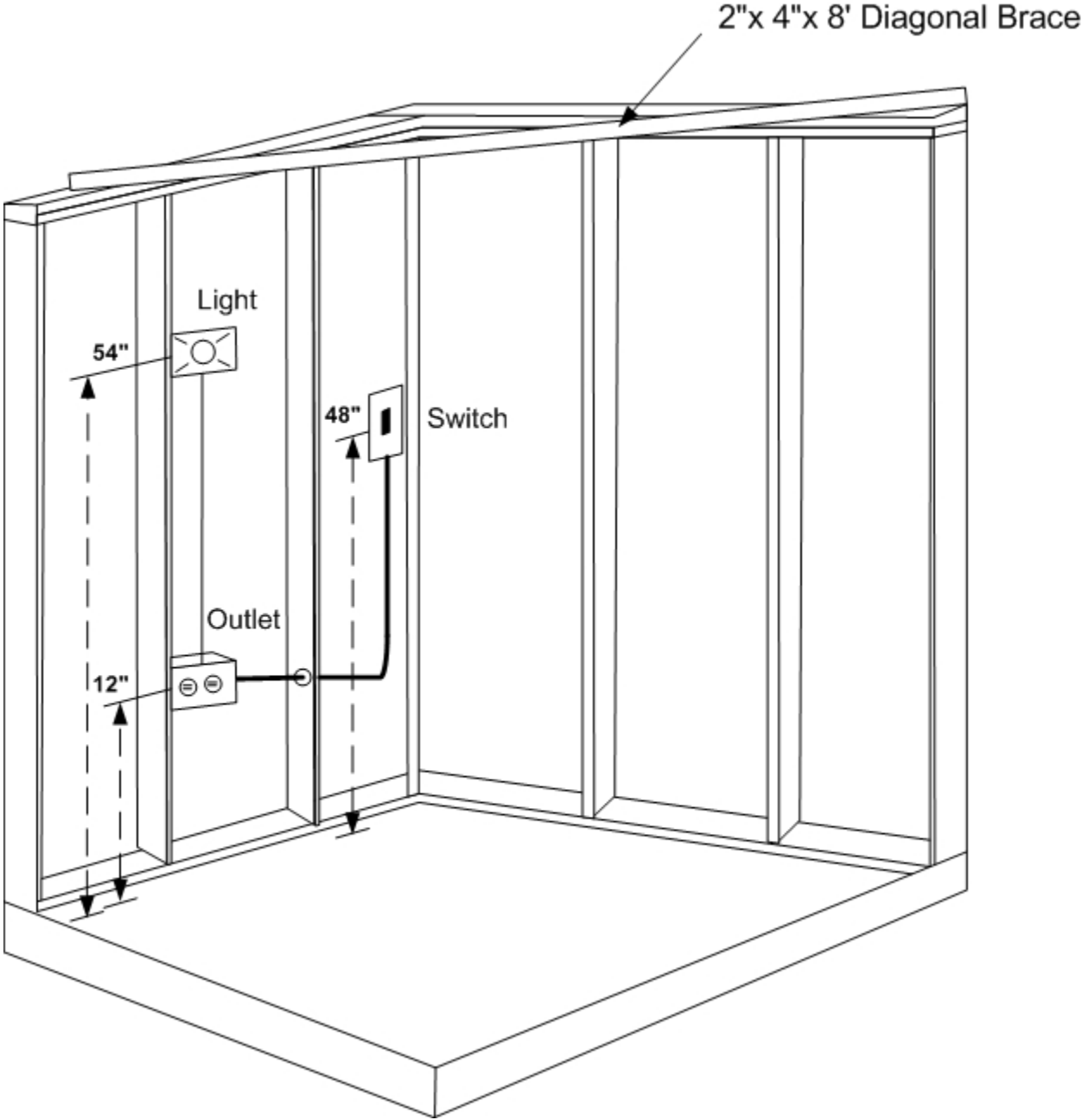
- Be sure not to pull too much wire; only pull what you need. Remember that you only need 6" – 8" of wire coming into the box, for proper splicing.
- Before installing any junction box for devices, always use reference marks so your box is properly installed at the appropriate heights.
- Dimensions of a 1900 box are 4" x 4" so if you placed your marks at their appropriate heights for your switch, outlet, or light, then the bottom of the 1900 box should always be 2" lower than the reference mark.



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# Electrical Workshop ELECTRICAL PROJECT DRAWING



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