



S	Single Pole Switch	☐	Recessed Can Light
S <sub>2</sub>	Double Pole Switch	☐	Eyeball Recessed Can Light
S <sub>D</sub>	Dimmer Switch	⚡	Exhaust Fan
⊕	Push Button Switch	⊕	Ceiling Mounted Light
⊖	Duplex Outlet	●	Wall Mounted Light
⊖	Special Receptacle	⊖	Light with Pull Chain (attic)
⊖	Waterproof, ground fault interrupter	⊖	Computer Connection Jack
⊖	Floor Duplex Outlet	☐	Flood Light
⊖	Junction Box	☐	Electrical Panel
⊖	Thermostat	☐	Electrical Meter
⊖	Central Vac	⊖	A/C Disconnect
⊖	Smoke Detector	⊖	Ceiling Fan
⊖	Television Jack	⊖	2 x 4 Florescent Light
⊖	Telephone Jack	⊖	Intercom
⊖	1 x 4 Florescent Light	⊖	Ceiling Mounted Light Dome Style
SPKR	Speaker Hook-Up	⊖	Motion Detector ( closet light )
⊖	Pendant Light		
CM	Carbon Monoxide Detector		

### SECOND FLOOR ELECTRICAL PLAN

- ELECTRIC NOTES:** SCALE: 1/4" = 1'-0"
- Use copper wire only, no aluminum.
  - Provide and wire all required smoke detectors.
  - Contractor to verify location of electrical service and provider.
  - ALL paddle fans shall be on a rheostat.
  - Recessed cans to be installed per NFPA requirements.
  - ALL Branch Circuits that supply 125v single phase 15 amp or 20 amp outlets shall be protected by Combination-Type AFCI Circuit Breakers.
  - Tamper resistant AFCI receptacles to be installed in ALL rooms Kitchen, Bathrooms, and Garage.
  - ALL bath and kitchen and garage receptacles to be GFCI protected.
  - ALL exterior outlets to be WP/GFCI protected.
  - A/C Return Air Balance Must comply w/ F.B.C. Mechanical 2010 ed. and current version of any supplements to the 2010 ed.
  - A/C Refrigerant lines that are run thru slabs must be sleeved in PVC
  - ALL A/C Equipment shall be 15 SEER
  - Provide Disconnects at ALL appliances (water heater, A/C units, and ALL other equipment as required by N.E.C.)
  - A/C Ducts in Garage shall be metal or 1" thick minimum rigid nonmetallic Class O or Class I duct or other approved material and shall have no openings into the garage.
  - Smoke Alarms shall be installed in the following locations:
    - In each sleeping room.
    - Outside each separate sleeping area in the immediate vicinity of the bedrooms.
    - On each additional story of the dwelling
 \*\* ALL Smoke Alarms shall be interconnected and hardwired \*\*

Revisions :

Date Drawn : 8-13-15  
 Drawn by: S.J.E.  
 Checked by: D.R.B.

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