

Detached Garage

Minimum Electrical Requirements

Garage Electric installation to meet 2018 Chicago Electrical Code

Garage Electrical Service shall be on its own circuit (OF 15.04)

Underground electrical feed to garage shall be (NEC 300.5):

- Direct Burial Cable 24" below grade/rigid where vertical
- Rigid Metal Conduit or Intermediate Metal Conduit 6" below grade
- Rigid Non-Metallic (PVC) 18" below grade

Minimum one (1) interior light controlled by wall switch (NEC 210.70)

Minimum one (1) exterior light at each entry controlled by wall switch at garage entry and from inside dwelling (NEC 210.70 (A)(2)(a)). Motion sensor allowed in lieu of inside dwelling control

Minimum one (1) GFCI protected outlet inside the garage (NEC 210.8(A)(2))

Minimum one (1) ceiling mounted dedicated outlet for overhead door (installed or future)

Provide disconnect/snap switch to disconnect all electrical power to structure.

Disconnect switch should be located where conduit comes into the garage and labeled "Garage Disconnect" (NEC 225.36)

Garage permit submittal must include:

- Electrical layout indicating lights, outlets, switches and disconnect
- Registration of electrical contractor performing work

Electrical Inspections Required:

- Underground (trench open)
- Rough Electric (prior to covering)
- Final Electric (upon completion)
 - If no covering...i.e. insulation, pegboard, drywall...only final inspection required

