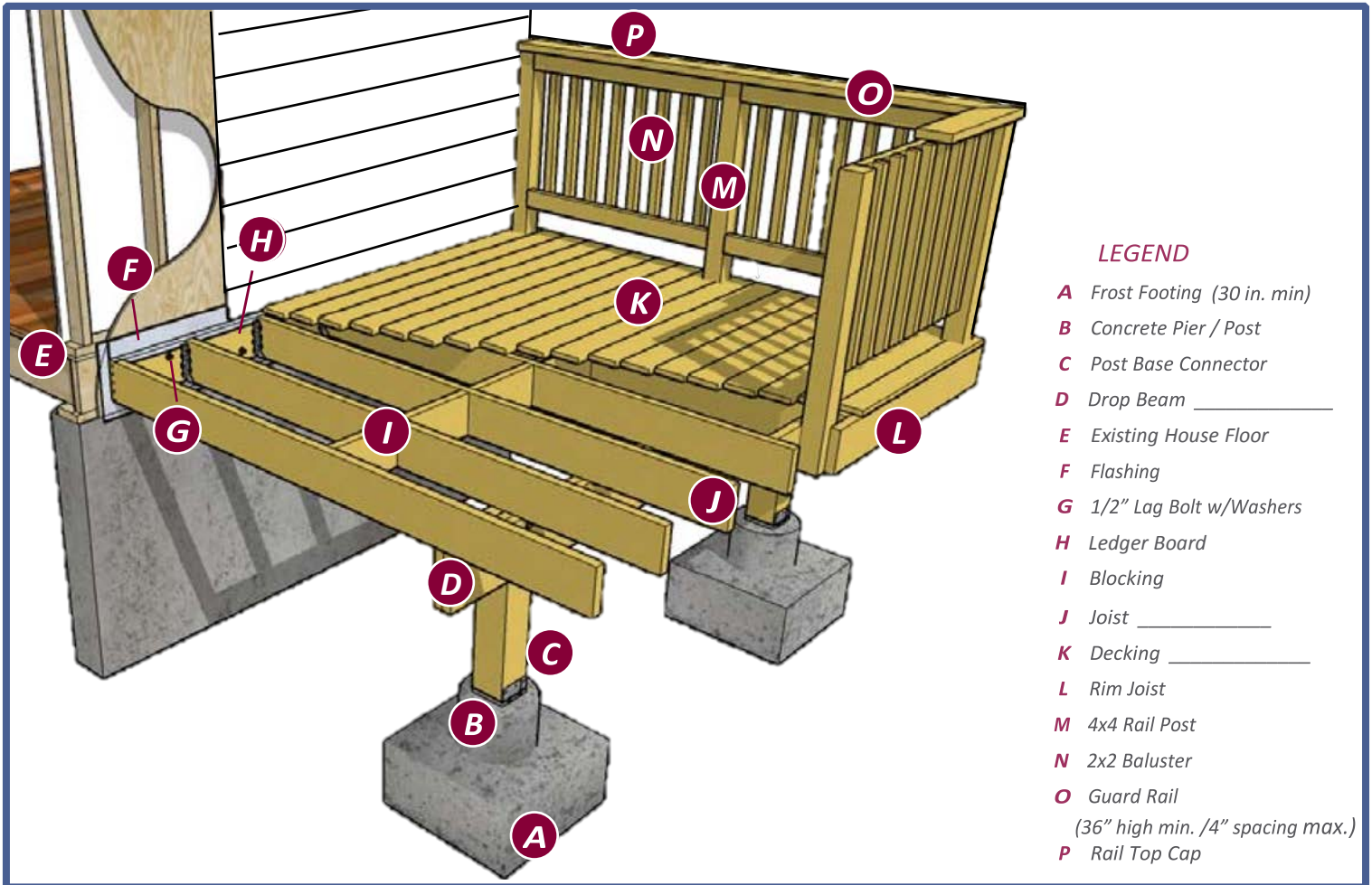




Deck Construction

Latah County Planning & Building



LEGEND

- A** Frost Footing (30 in. min)
- B** Concrete Pier / Post
- C** Post Base Connector
- D** Drop Beam _____
- E** Existing House Floor
- F** Flashing
- G** 1/2" Lag Bolt w/Washers
- H** Ledger Board
- I** Blocking
- J** Joist _____
- K** Decking _____
- L** Rim Joist
- M** 4x4 Rail Post
- N** 2x2 Baluster
- O** Guard Rail
(36" high min. /4" spacing max.)
- P** Rail Top Cap

Guardrails

All decks greater than 30" above grade are required to have a guard [R312.1]. (See "Stairs Landings, Guardrails" Handout for additional details). Other methods and materials may be used for guard construction when installed according to the manufacturer's installation instruction, or as approved by the authority having jurisdiction. Deck guard posts shall be a minimum 4x4 (nominal) with an adjusted bending design value not less than 1,100 psi. Guard posts for guards which run parallel to the deck joists shall be attached to the outside joist per Figure 16. Guard posts for guards that run perpendicular to the deck joists shall be attached to the rim joist in accordance with Figure 17. Only hold down anchor models meeting these minimum requirements shall be used. Hold down anchors shall have a minimum allowable tension load of 1,800 pounds for a 36" maximum rail height and be installed in accordance with the manufacturer's instructions.