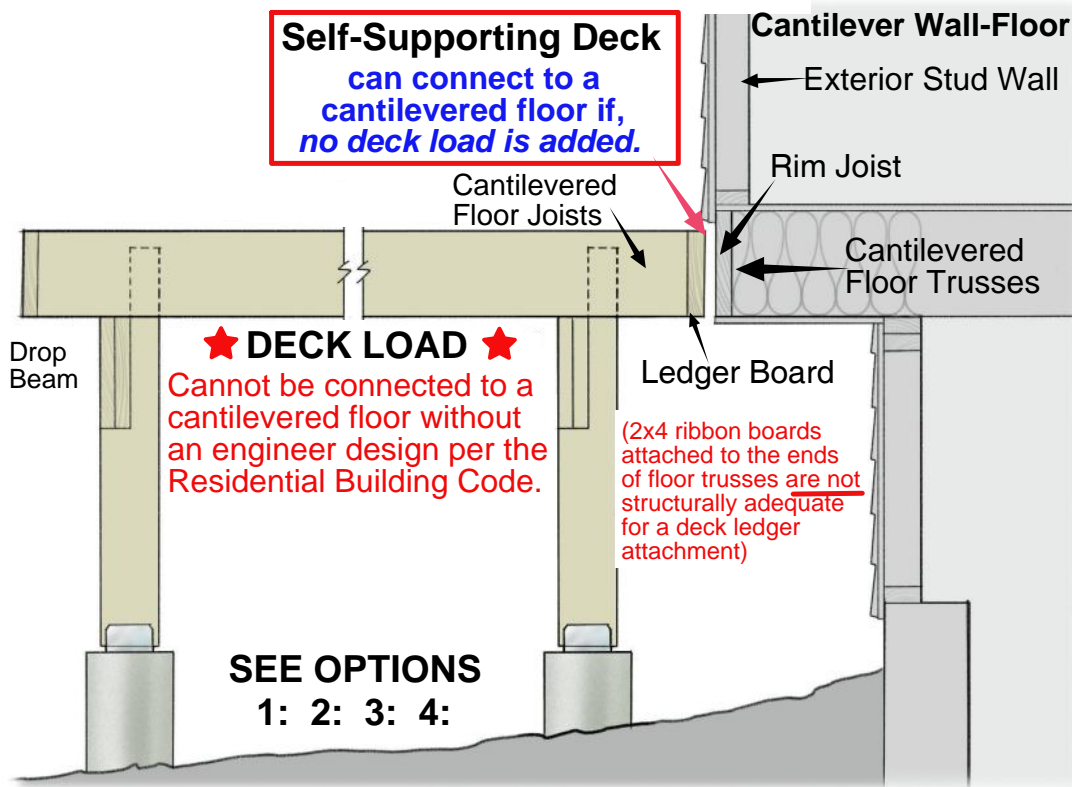


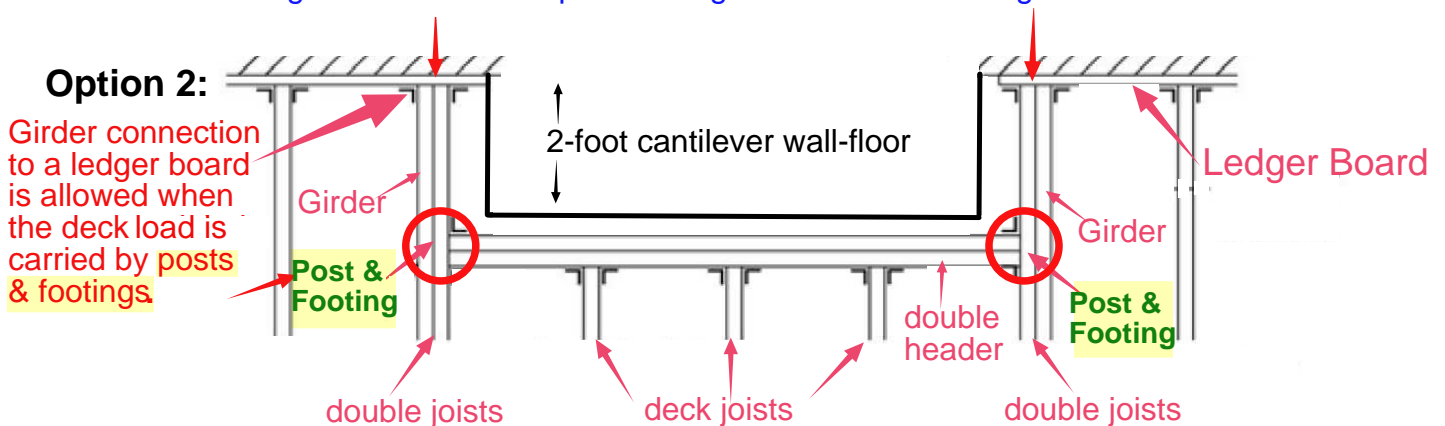
Deck - Connection/Support - Options with Cantilevered - Floor - System



Option 1: Self-Supporting Deck

No deck loads are connected to the cantilevered floor. Lateral load movements are resisted with diagonal bracing between the posts and deck, or use engineer designed hardware at the post-to-beam connections (or both). Or install hold down tension devices from deck to structure.

Concentrated loads from girders & beams cannot connect to a deck ledger board without special design from a licensed engineer.



Option 3:

Girders extend into and rest on the exterior bearing wall to support deck load. This option eliminates the need for posts and footings shown in this diagram.

Option 4:

Provide engineer design of deck ledger connection to cantilevered floor system.