APA BUILD A BETTER HOME WALL DETAIL:
WATER-RESISTIVE SYSTEM AT AN EXTERIOR DECK

**Existing stud wall**

**Rim Board**

**Floor sheathing**

**Wood I-joist**

- **2" lag screws or thru-bolts with washers**
- **1-5/8" min. 5" max.**
- **2" min.**
- **Continuous flashing extending at least 3" past joist hanger**
- **Self-adhered bituminous membrane**
- **Existing foundation wall**

**Exterior sheathing**

**Water-resistive barrier**

**Remove siding at ledger prior to installation**

**Leave 3/4" gap between bottom of siding and top of deck**

**Deck joist**

**Joist hanger**

**2x ledger board (preservative-treated); must be greater than or equal to the depth of the deck joist**

**Floor sheathing**

**Leave 3/4" gap between bottom of siding and top of deck**

**2" min.