



SUPPLEMENTAL INFORMATION

- **NEW ADDITIONS**
 - GFCI Protection required for ranges, dryers and outdoor receptacles 50 amps or less
 - International Residential Code requires all splices in framing members to occur over vertical supports or shall be designed by a registered design professional
 - International Residential Code Refrigerants: section now includes provisions for the use of HVAC systems with new A2L refrigerants
 - International Residential Code: Ledger flashing shall extend a minimum 2" above the ledger board and extend horizontally not less than 4" beyond the ledger face or shall extend to the ledger face and not less than ¼" down the ledger face. Water resistant barrier shall be lapped over a vertical leg of the ledger flashing or counterflashing extending up the wall by not less than 2" or the height of the vertical flashing leg whichever is less. The barrier shall continue from the top of the ledger flashing down the wall and behind the ledger flashing and ledger.
 - International Residential Code: terminology for wall height is clearly defined and updated in the bracing table with a new figure added for clarity
 - National Electric Code: Island & Peninsular Countertop & Work Surfaces: Must have provisions provided for future addition of a receptacle outlet.
 - National Electric Code: Ceiling suspended fan outlet boxes: requires listed, manufacturer marked ceiling fan boxes in all habitable rooms.
 - National Electric Code requires expansion fittings on underground conduit emerging above ground surface for securely mounted boxes, cabinets, elbows or other conduit terminations. Requires such expansion fittings to be installed above ground.
 - Truss Design drawings to be provided to the building official and approved prior to installation.
 - The design and manufacture of metal-plate-connected wood trusses shall comply with ANSI/TP1 Section 6.2.2.5. In addition to any load cases required for the applicable end use, each roof Truss spanning 18 feet (549 cm) or more shall be designed for a single concentrated load at the mid-

point of any Chord panel that is not sheathed with structural wood sheathing. This concentrated load shall be 300 lbs. (1335 N) and shall be applied concurrently with dead load. It shall not be applied concurrently with any other load. The load duration factor for this load case shall be 1.6 or less.

- Vertical joints of wall sheathing shall occur over and be fastened to studs and horizontal joints of wall sheathing in braced wall panels shall be fastened to common blocking of 1 1/2" or thicker. Unless it can be demonstrated that double the required amount of braced wall panel is provided.
- Ceiling joists when run parallel to rafters shall be fastened to rafters in the bottom third of the span in accordance with Table 802.5.2(1). Where ceiling joists are run above the bottom third of the rafter or omitted as in a vaulted ceiling, the ridge shall be engineer designed as a beam and supported by walls or columns at each end. Where ceiling joists run perpendicular to rafters, rafters shall be tied across the structure by minimum 2x4 rafter ties or the ridge shall be designed as a beam and supported at each end.