

DECKS ATTACHED TO A BUILDING

Standard rectangular deck up to a maximum of 600 sq.ft., maximum width of 14 ft., maximum height of 30 in. above grade, and built similar to these example drawings.

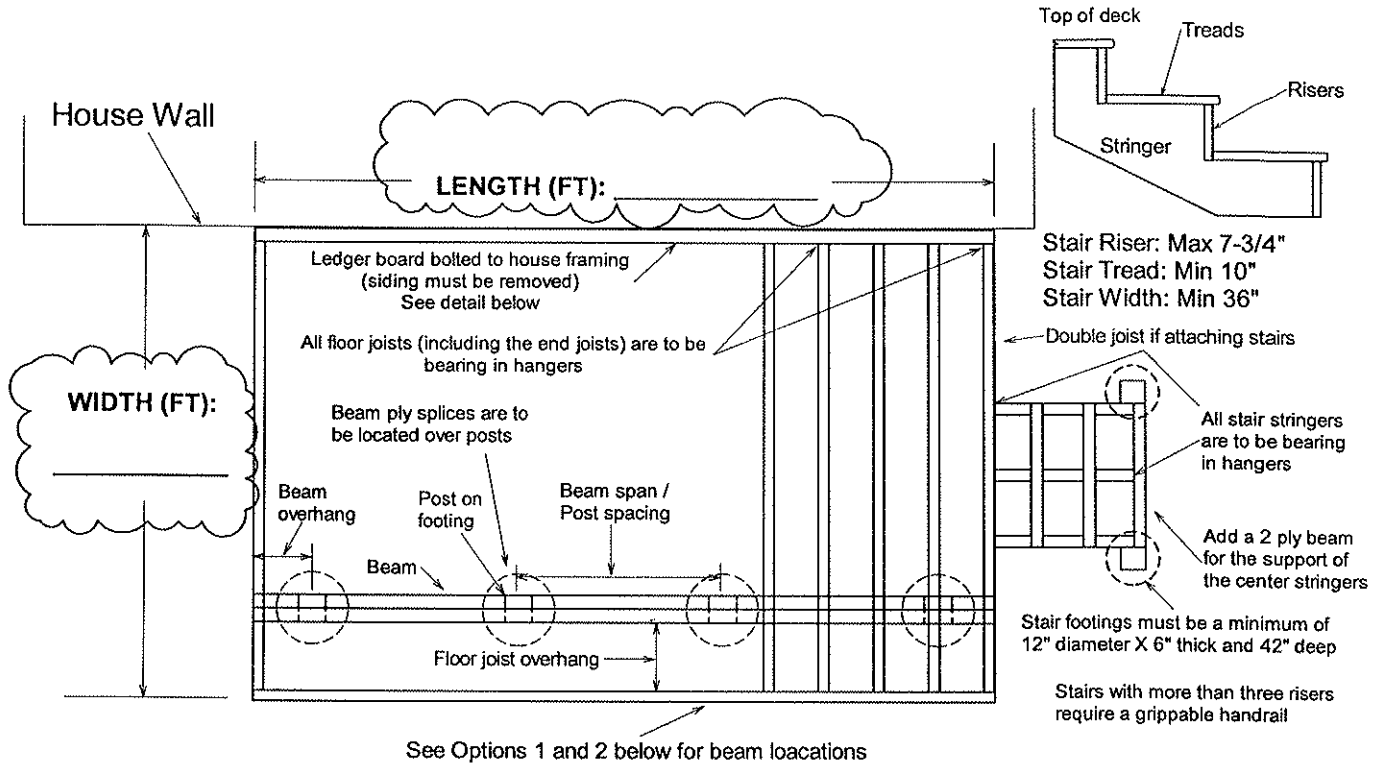
ISSUED

PERMIT #

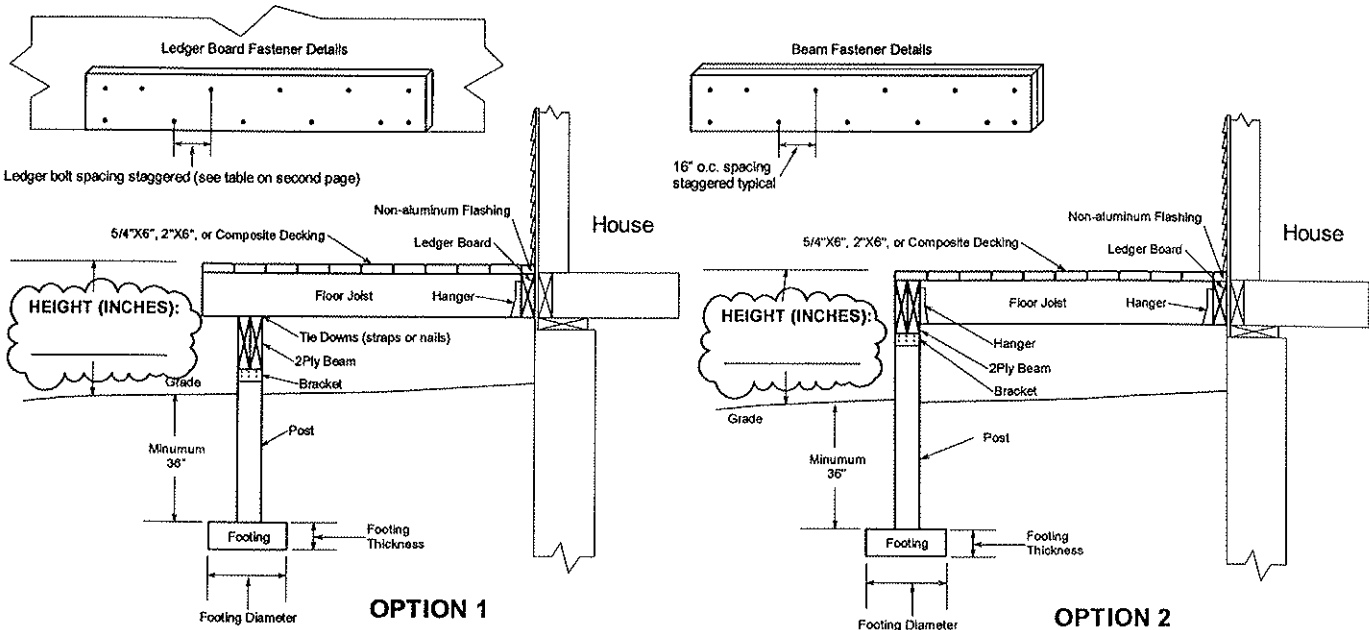
OVERHEAD VIEW EXAMPLE

(Framing design may be slightly different than shown but built to the details on the following page)

Please fill in the Width, Length, and the Height of the deck



All fasteners, brackets, hangers, and flashing are to be rated for use with treated wood



See the table on the second page for framing and footing details

ALLOWABLE FRAMING DETAILS FOR ATTACHED DECKS ^{(b), (c)}

Up to 600 sq.ft., max. 14 ft. wide, 30" or less from grade to the top of the decking, and do not include a roof or walls.

Decks cannot be supported by brick veneers, hollow core blocks, or cantilevered house framing.

The following information is intended as a simplified guide only and the details included meet or exceed the minimum code requirements.

Width of deck	Ledger board bolt spacing ^(a)	Floor Joists Spaced max. 16" o.c.	Beam Using a max. cantilever of 1 ft. and max. post spacing of 6 ft.	Footings (round) With 4X4 post
4ft (and less)	30" o.c. spacing staggered	Can use 2" x 6" joists with a 2" x 8" ledger board and maximum joist cantilever of 10in	2 ply 2" x 6"	12" Diameter x 6" Thick
6ft	30" o.c. spacing staggered	Can use 2" x 6" joists with a 2" x 8" ledger board and maximum joist cantilever of 1ft	2 ply 2" x 8"	12" Diameter x 6" Thick
8ft	23" o.c. spacing staggered	Can use 2" x 6" joists with a 2" x 8" ledger board and maximum joist cantilever of 1ft	2 ply 2" x 8"	12" Diameter x 6" Thick
10ft	18" o.c. spacing staggered	Can use 2" x 8" joists with a maximum joist cantilever of 2ft	2 ply 2" x 10"	14" Diameter x 6" Thick
12ft	15" o.c. spacing staggered	Can use 2" x 10" joists with a maximum joist cantilever of 2ft 4in	2 ply 2" x 10"	15" Diameter x 6" Thick
14ft	13" o.c. spacing staggered	Can use 2" x 12" joists with a maximum joist cantilever of 2ft 9in	2 ply 2" x 12"	16" Diameter x 6" Thick

^(a) 1/2" diameter (or equal) X 3-3/4" long hex head lag screw with maximum 1/2" sheathing

^(b) Lumber is assumed to be S.P.F. (Spruce-Pine-Fir) Grade #2 or better

^(c) Details of this table are based on normal loading: Live Load (people load only)-40 lbs/sq ft, Dead Load (weight of framing)-10 lbs/sq ft, and 90 MPH winds. Decks supporting other loads such as air conditioners or hot tubs will require full plan review. Please consult staff.