



Department of Buildings and Inspections
300 George Street, Harrison, Ohio, 45030
513-202-8494; fax: 513-202-8457

SIMPLIFIED DECK PLANS AND INSTRUCTIONS

(For 1- and 2-Family Residences)

These plans and instructions are provided to simplify the process of getting a building permit to construct a basic deck. Decks built with these plans are limited to single-level decks, attached to the residence, and set no more than 10' above ground. A stair design is also included.

If you wish to use these plans, follow these simple steps.

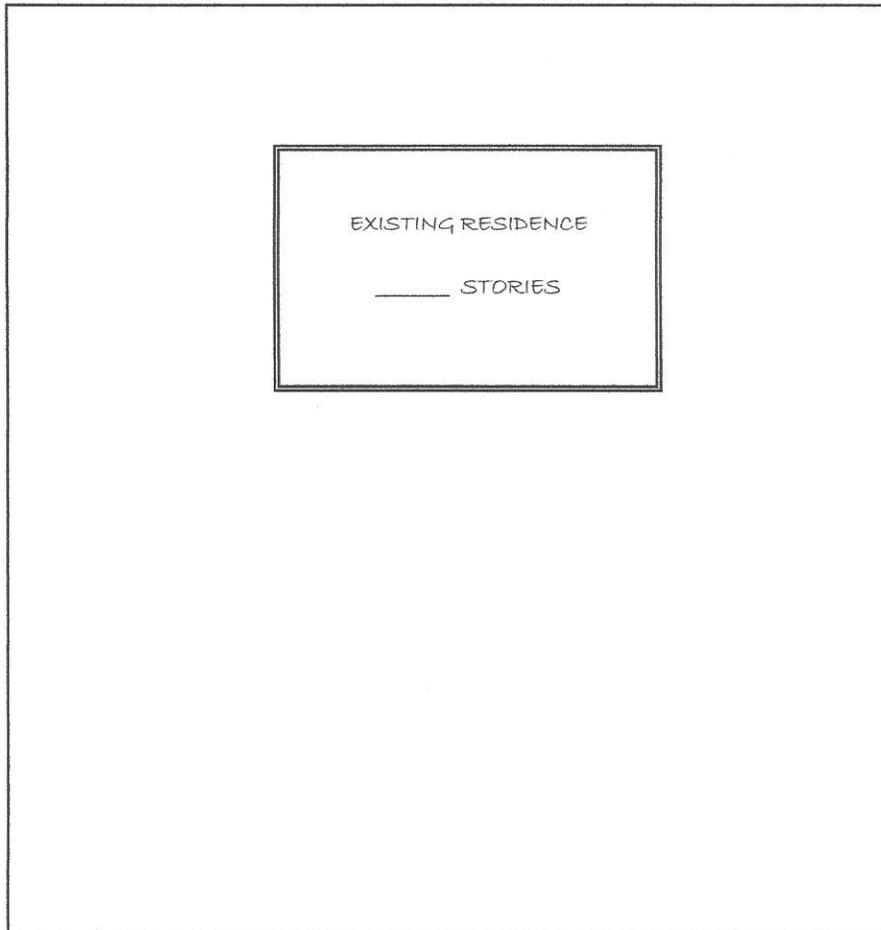
On the PLOT PLAN drawing, provide the following information:

- Step 1)** Place the street name and address on the line provided. (If the property is on a corner lot, identify the other street name on the appropriate side of the property).
- Step 2)** Indicate the number of stories of the house.
- Step 3)** Draw the deck. Show its location in relation to the residence and driveway (and to any other accessory buildings which may exist on the property, such as a garage).
- Step 4)** Show location of proposed stairs, if any.
- Step 5)** Provide the following dimensions:
 - A. Size of deck;
 - B. Distances of deck from side and rear lot lines;
 - C. Distance from extending line of rear of the deck and the front of any accessory buildings (such as a garage); and
 - D. Height of deck floor above grade.
- Step 6)** Submit to Zoning Examiner for review. If approved, go to Step 7.
- Step 7)** On the DECK PLAN drawing, fill in the following information:
 - A. Indicate the distance between columns across the rear of the deck; and
 - B. Indicate the spacing of the floor joists: S = 12", 16" or 24" apart.
- Step 8)** On the DECK ELEVATION drawing, indicate the actual height of the deck above grade.
- Step 9)** Meet with the Building Plans Examiner who will help you:
 - A. Select the size of structural members and footings: floor joists, double beam, wood columns and concrete footing diameter.
 - B. On the DECK PLAN drawing, indicate the size of all structural members of the footings.
 - C. Identify the detail of the deck connection to the wall of the house which matches your conditions. Circle this detail.
 - D. Select the size and spacing of the fastener used to connect the deck to the wall. Indicate in the space provided on the detail.
 - E. Select one of the two details of the column to footing connection. Circle this detail.

GENERAL NOTES

1. Soil-bearing capacity: 2000 lb. per square foot.
2. Concrete footings: Minimum 2,500 lb. per square inch strength.
3. Wood decking, framing members and columns:
 - No. 2 or better Southern Yellow Pine, pressure treated CCA Type B, .4 PCF retention.
 - Except: columns in contact with ground, .6 PCF retention.
 - Columns:
 - a) Minimum size: 4 x 4.
 - b) Maximum height: 10'0" - unsupported.
4. Metal Fasteners (nails, screws, bolts): Galvanized steel.
5. Metal Connectors: Galvanized steel.

STREET NAME & ADDRESS



PLOT PLAN - (not to scale)