

Butler County

DECK DRAWINGS

(FOR ONE-, TWO-, THREE FAMILY DWELLINGS)

THE DETAILS IN THIS DECK PACKAGE ARE BASED ON A STANDARD 16'X16' DECK THAT IS APPROXIMATELY 33" OFF THE GROUND.

THE APPLICANT IS RESPONSIBLE TO ADD NOTES AND MAKE CHANGES TO THESE DRAWINGS AS NECESSARY BEFORE APPLYING FOR THE BUILDING PERMIT. SUBMIT TWO COPIES OF THIS COMPLETED DECK PACKAGE ALONG WITH A COMPLETED BUILDING PERMIT APPLICATION TO THE BUILDING DEPARTMENT, LOCATED AT 130 HIGH ST. THE PERMIT MUST BE APPROVED AND ISSUED BEFORE WORK IS STARTED.

USE THE TABLE BELOW TO PROPERLY SIZE THE DECK FOOTING SIZES.

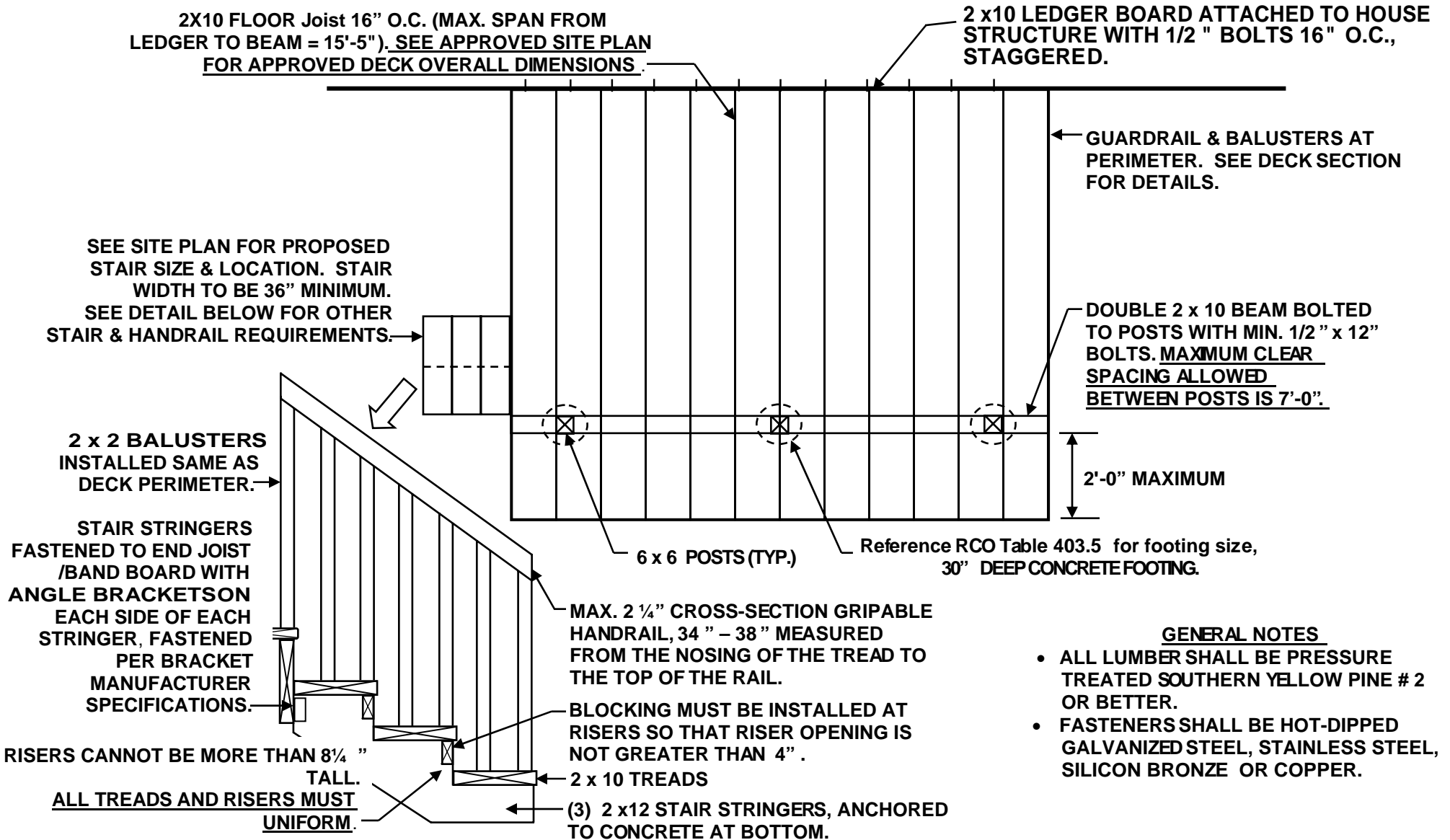
RCO Table 403.5

Minimum footing size for Deck Footings Witout Roof Loads

DIAMETER	SQUARE	Maximum Tributary Area Allowed
		PER POST (square feet)
8	8x8	14
10	9x9	22
12	11x11	31.6
14	13x13	42.8
16	15x15	56
18	16x16	70.8
20	18x18	87.2

**TYPICAL DECK FRAMING PLAN
(FOR 1-, 2- & 3-FAMILY DWELLINGS)
THIS DRAWING IS BASED ON A 16'x16' DECK.**

SEE APPROVED SITE PLAN FOR APPROVED DECK OVERALL DIMENSIONS.



GENERAL NOTES

- ALL LUMBER SHALL BE PRESSURE TREATED SOUTHERN YELLOW PINE # 2 OR BETTER.
- FASTENERS SHALL BE HOT-DIPPED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE OR COPPER.

TYPICAL STAIR DETAIL

BASED ON A DECK THAT IS APPROX. 33" ABOVE GRADE LEVEL

TYPICAL DECK SECTION (FOR 1-, 2- & 3-FAMILY DWELLINGS)

2x6 GUARDRAIL, FASTENED WITH (2) 3" DECK SCREWS AT EACH BALUSTER

2x2 BALUSTERS. MAXIMUM CLEAR OPENING BETWEEN BALUSTERS TO BE NO MORE THAN 4".

36" MINIMUM

5/4" x 4" OR 5/4" x 6" DECKING, FASTENED AT EACH JOIST LOCATION WITH (2) 3" DECK SCREWS

2x10 FLOOR JOISTS @ 16" O.C. (MAX. SPAN FROM LEDGER TO BEAM = 15'-5"). SEE APPROVED SITE PLAN FOR APPROVED DECK OVERALL DIMENSIONS.

FASTEN EACH BALUSTER WITH (2) 3" DECK SCREWS

END JOIST (BAND BOARD) TO BE FASTENED TO EACH FLOOR JOIST WITH (2) 3" DECK SCREWS. END JOIST TO BE SAME SIZE AS FLOOR JOISTS.

(1) 16d NAIL "TOENAILED" TO EACH SIDE OF JOIST

2'-0" MAXIMUM

JOIST HANGERS (TYP). EACH HOLE IN HANGER TO HAVE A 16d NAIL

2 x10 LEDGER BOARD ATTACHED TO HOUSE STRUCTURE WITH 1/2" x 12 BOLTS @16" O.C., STAGGERED.

6x6 POSTS (TYP.)

DOUBLE 2x10 BEAM BOLTED TO POSTS WITH MIN. 1/2" x 12" BOLTS. MAXIMUM CLEAR SPACING ALLOWED BETWEEN POSTS IS 7'-0".

Reference RCO Table 403.5 for footing size, 30" DEEP CONCRETE FOOTING.

GRADE LEVEL

MIN. 30" FROM GRADE TO BOTTOM OF CONCRETE

8" MIN.

THE DECK FLOOR SURFACE WILL BE _____ (FEET & INCHES) MAX. ABOVE GRADE LEVEL.

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