

TYPICAL DECK CROSS SECTION

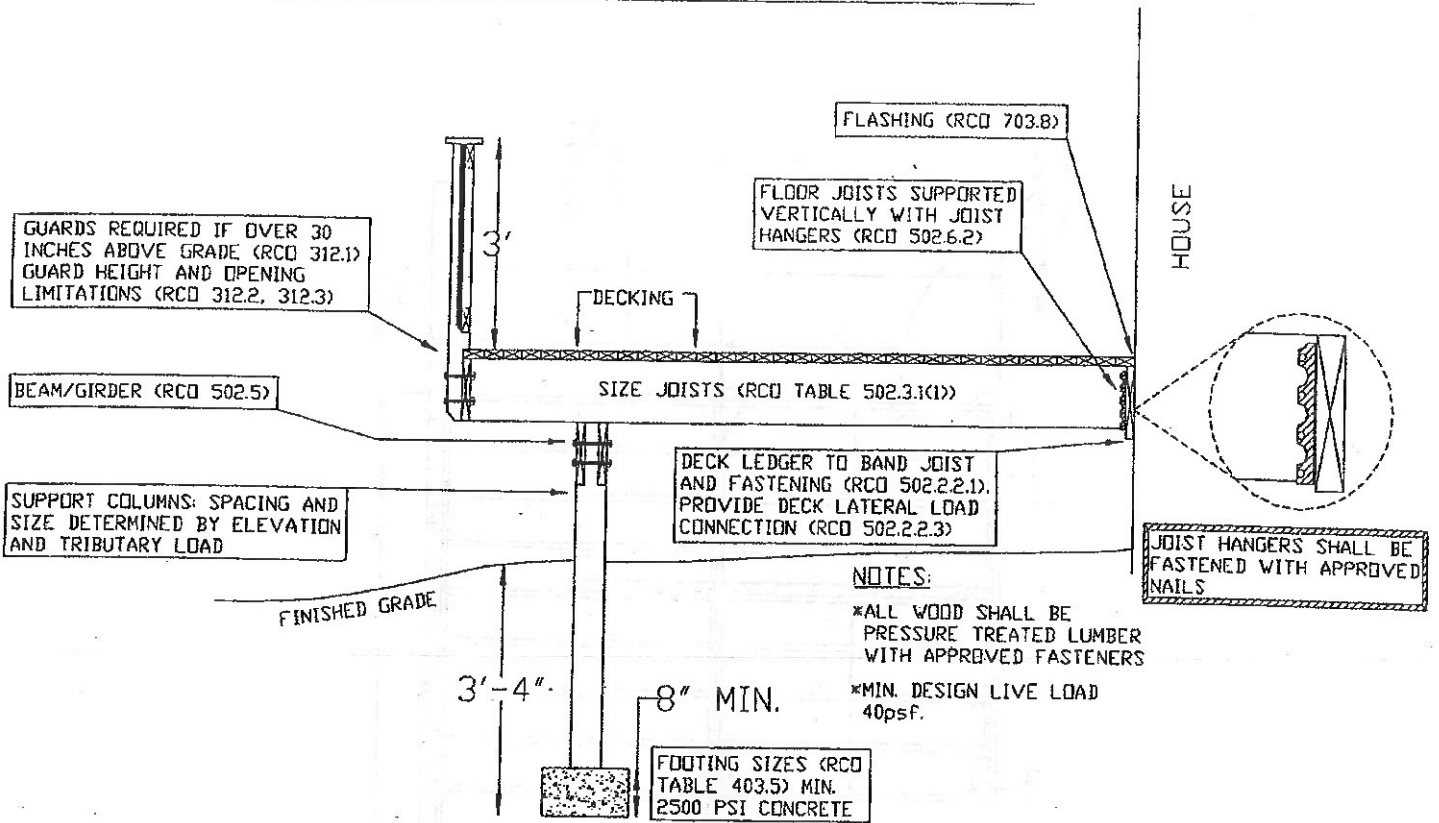


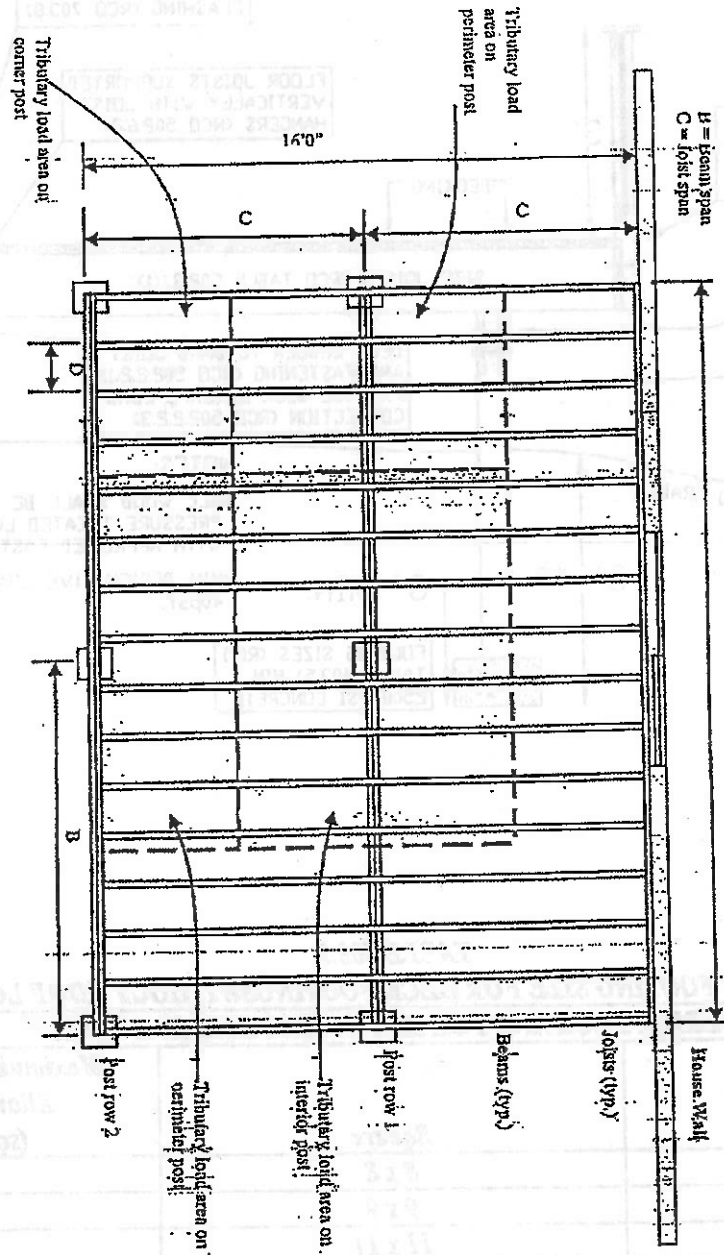
TABLE 403.5
MINIMUM FOOTING SIZE FOR DECK FOOTINGS WITHOUT ROOF LOADS
EXTERIOR DECK AND PORCH FOOTING SIZE IN INCHES^{a,b}

Diameter	Square	Maximum Tributary Area Allowed Per Post (square feet)
8	8 x 8	14
10	9 x 9	22
12	11 x 11	31.6
14	13 x 13	42.8
16	15 x 15	56
18	16 x 16	70.8
20	18 x 18	87.2

a. Based upon 2000 lbs. per square foot soil bearing capacity.

b. Based upon 40 lbs. per square foot live load and a 10 lbs. per square foot dead load.

TYPICAL DECK CROSS SECTION



Span	10	12	14	16	18	20
10' x 10'						
10' x 12'						
10' x 14'						
10' x 16'						
10' x 18'						
10' x 20'						