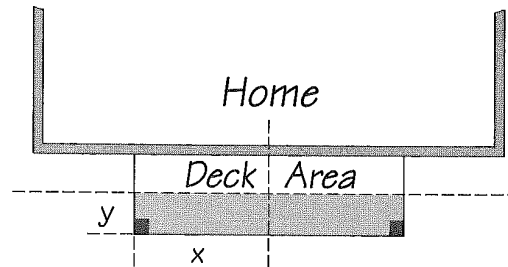


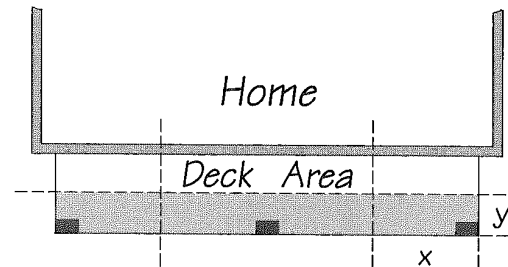
Footing Sizes

Load (lb.)	Hole Depth (in.)	Round Hole Diameter (in.)	Square Hole Length per Side
500	36	7	6
1000	36	10	8
1500	36	12	10
2000	36	14	12
2500	36	15	13
3000	36	17	15
3500	36	18	16
4000	36	19	17
4500	36	20	18
5000	36	21	19
5500	36	22	20
6000	36	23	21
6500	36	24	22
7000	36	25	22
7500	36	26	23
8000	36	27	24
8500	36	28	25
9000	36	29	25
9500	36	30	26
10000	36	30	27
10500	36	31	27
11000	36	32	28
11500	36	32	29
12000	36	33	29
12500	36	34	30
13000	36	35	31
13500	36	35	31
14000	36	36	32

How to Determine Loads



The shaded area represents the load area. The darkened area represents the location of your footings.



The shaded area represents the load area. The darkened area represents the location of your footings.

$(x) \times (y) = \text{load area}$
 $(\text{load area}) \times (\text{number of lbs. per sq. foot}) = \text{Load}$

Floor only = 50lbs. per sq. foot
 Add 40lbs. per sq. foot when adding roof
 Add 55lbs. per sq. foot when adding roof and ceiling
 Add 50lbs. per sq. foot where a hot tub or spa will sit.
 (Unless otherwise stated by the manufacturer.)

If your deck is more than 30 inches above grade you will need a guardrail. Recommended 7-8 feet between footings.

Residential Deck Detail

City of York
 100 E. 4th Street
 PO Box 507
 York, Nebraska 68467-507

Phone: 402-363-2600
 Fax: 402-363-2601

Residential Deck Detail

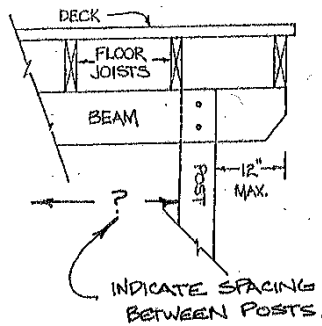
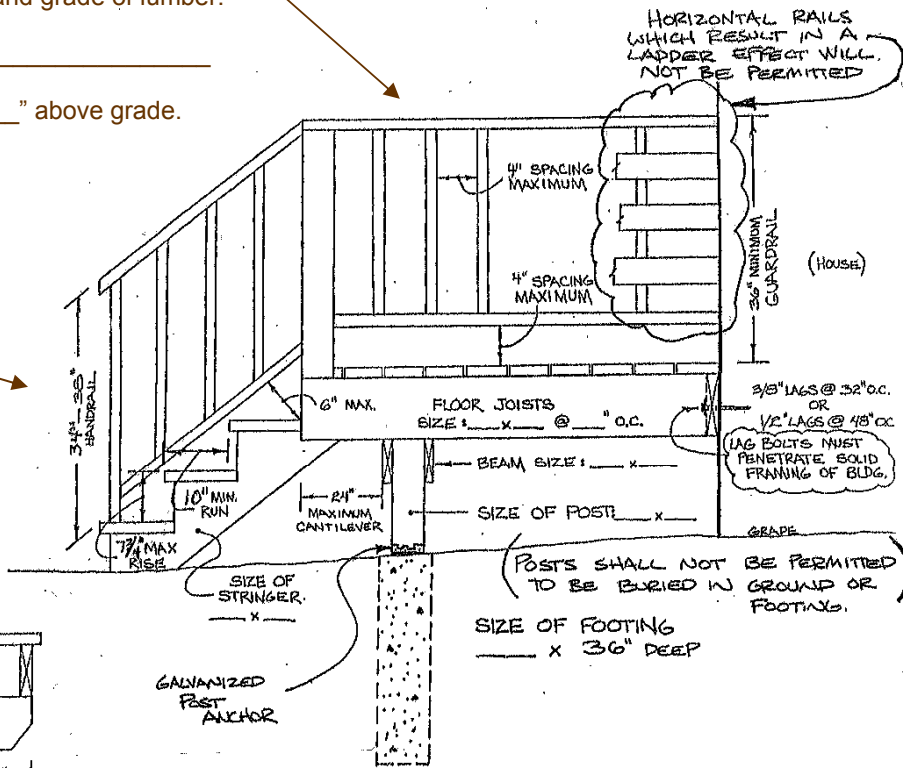
If deck is not more than 30" above grade, guardrails are not required.

Indicate species and grade of lumber:

Deck is _____" above grade.

The greatest riser height within any flight of stairs shall not exceed the smallest by more than 3/8".

Stair treads shall be reasonably level with consideration given to shed water, snow, and ice.



Construction Detail as attachment to building permit application requires site plan with these elements:

1. All property dimensions
2. Show all easements
3. Location of all permanent structures
4. Location of deck with distance to property lines

Deck Detail —

1. Show pier footing locations
2. Indicate pier diameter and depth (1 sq. ft. footing per 40 sq. ft. of deck area)
3. Indicate whether a spa or hot tub will be placed on this deck (1 sq. ft. footing per 20 sq. ft. of deck area)

