

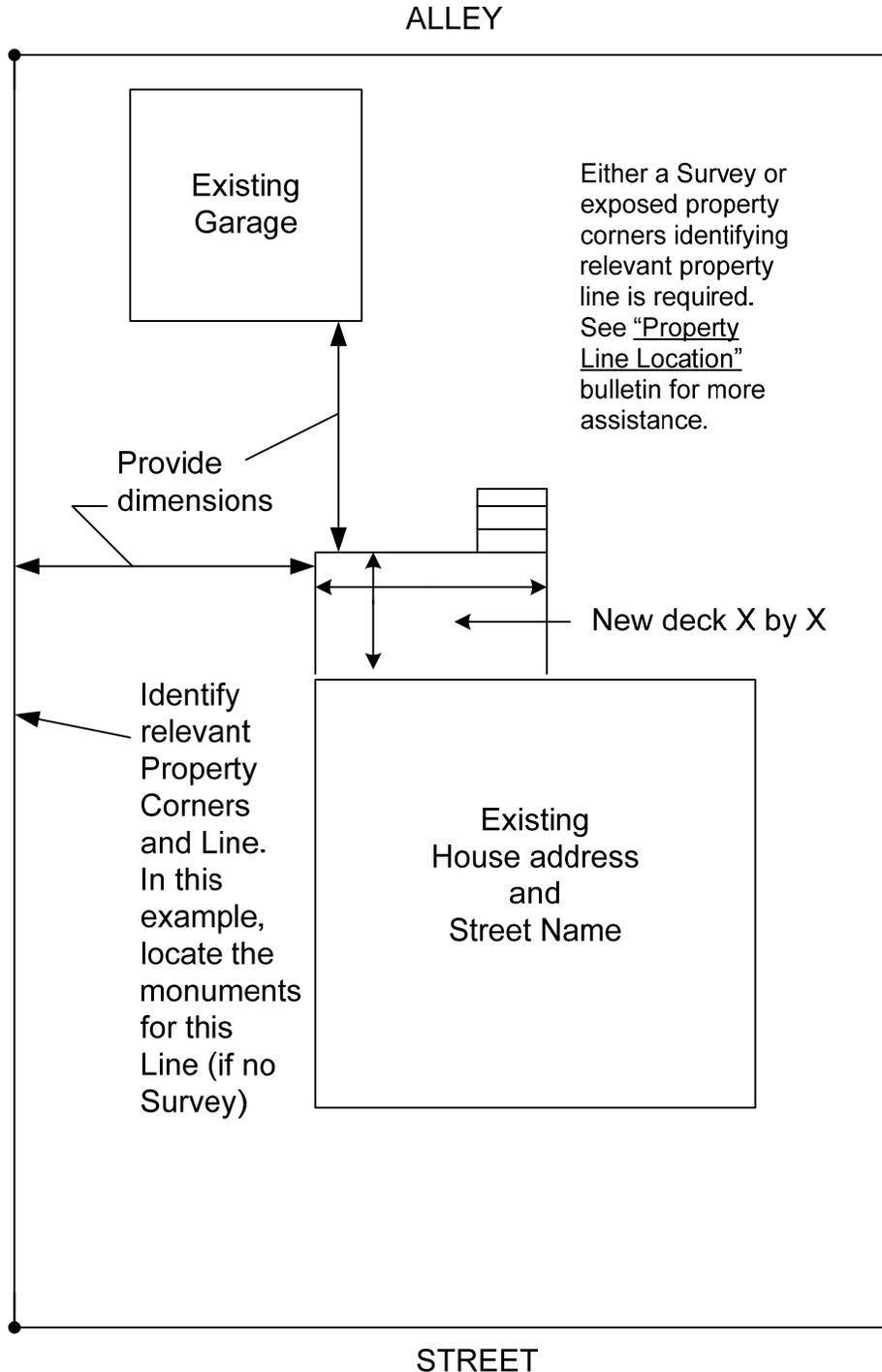


DECKS – ONE AND TWO FAMILY DWELLINGS

Minneapolis Construction Code Services
Informational Bulletin
Revised April 2009

Provide two sets of construction plans consisting of **SITE PLAN – SECTION – FRAMING PLAN.**

SITE PLAN shows location of house and proposed deck with distance to property lines and other nearby structures. Setbacks for decks are subject to zoning requirements.



Prepare drawings to scale (1/2" or 1/4" = 1'-0" works well). Size all basic materials (footings, posts, joists, beams, decking) indicating spans and all post locations.

Note: All materials used for posts, joists, beams and decking shall be approved treated wood or approved wood of natural resistance to decay such as cedar, or approved composite materials (see attached list for approved composite decking).

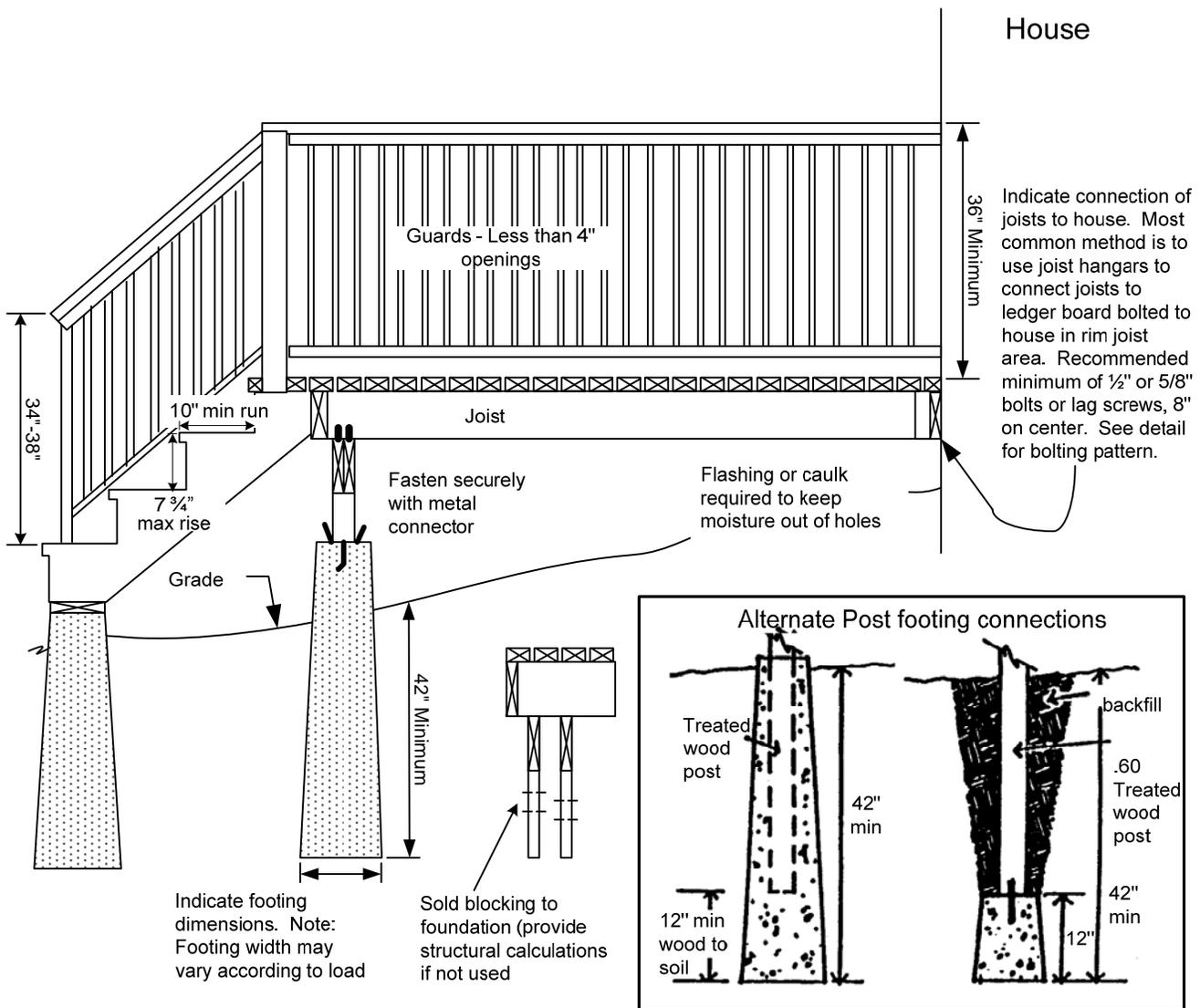
Stairs with four or more risers require graspable handrails (see detail next page).

Guards and handrails with less than 4" openings are required where deck height is 30" or more above adjacent ground. If deck is closer to ground, guard and its design are optional.

Lumber in contact with the ground shall be treated and bear the label of an accredited agency showing 0.6 retention.

The base of stairs shall not rest on bare ground. Placement of patio blocks or a concrete pad is acceptable if deck is near ground level.

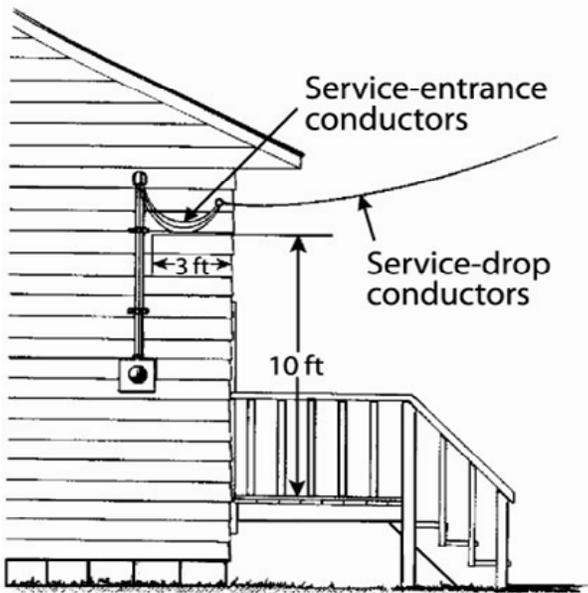
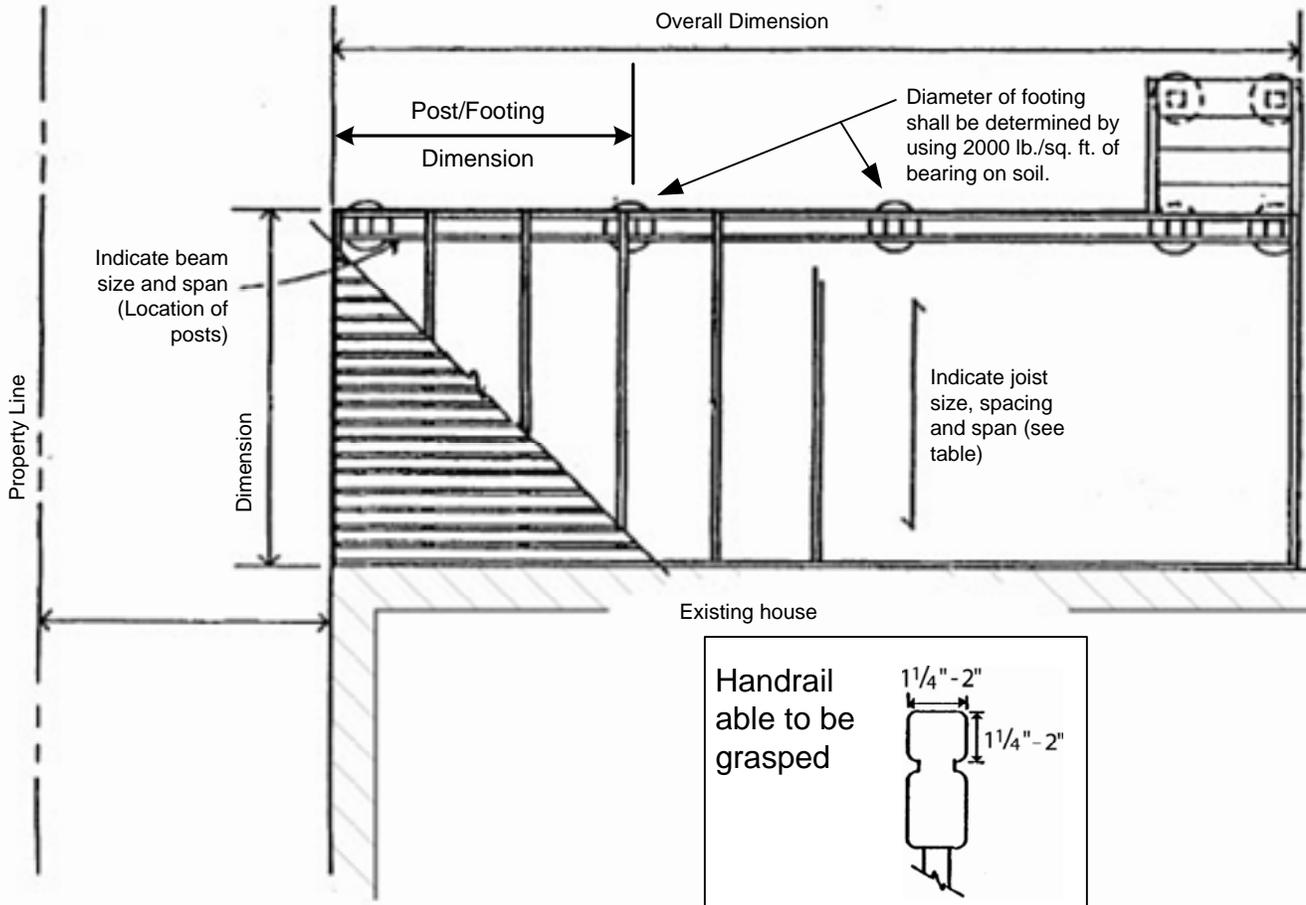
SECTION - Scale 1/2" = 1' - 0"



Indicate scale used.

Minimum decking: 1x4 if 16" O.C. joists, 2x4's if 24" O.C. joists.

FRAMING PLAN – Scale 1/4 " = 1'-0"



If service conductors are within three (3) feet measured horizontally from a balcony, stair landing or other platform, clearance to the platform of at least 10 feet must be maintained as shown. See NEC Sec 230.24(B) for vertical clearances from ground

Maximum joist span using treated Ponderosa pine (#2 or better) F _A = 975 psi, repetitive			Maximum joist span using treated Southern yellow pine (#2 or better) F _A = 1400 psi, repetitive		
Joist	SPAC	Span	Joist	SPAC	Span
2 x 6	12" O.C.	8' - 3"	2 x 6	12" O.C.	9' - 4"
	16" O.C.	7' - 5"		16" O.C.	8' - 6"
	24" O.C.	6' - 1"		24" O.C.	7' - 3"
2 x 8	12" O.C.	10' - 11"	2 x 8	12" O.C.	12' - 4"
	16" O.C.	9' - 10"		16" O.C.	11' - 3"
	24" O.C.	8' - 0"		24" O.C.	9' - 7"
2 x 10	12" O.C.	13' - 11"	2 x 10	12" O.C.	15' - 9"
	16" O.C.	12' - 6"		16" O.C.	14' - 4"
	24" O.C.	10' - 3"		24" O.C.	12' - 3"

