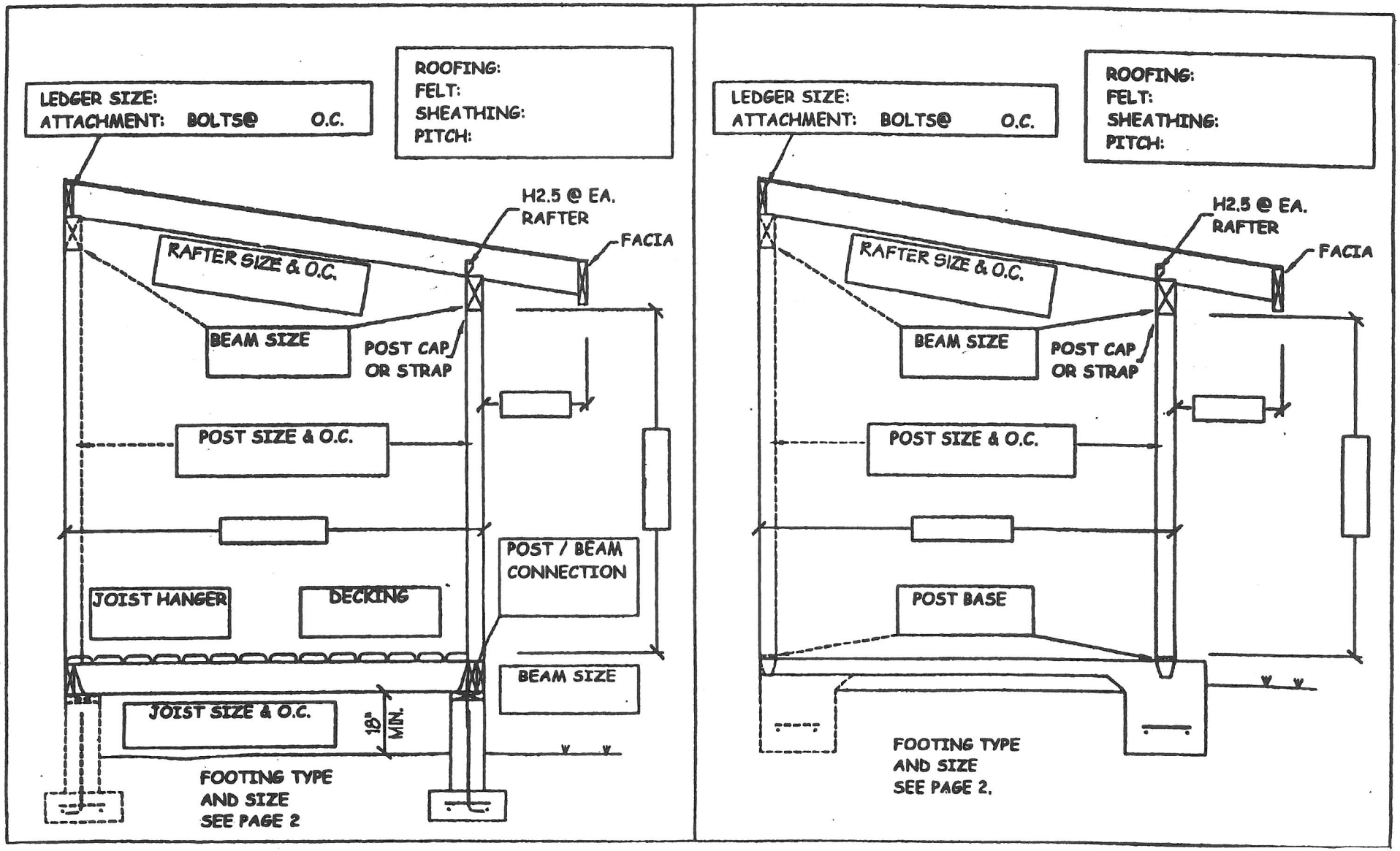
CRITERIA FOR USE OF PORCH & DECK SAMPLE PLANS (2012 IRC)

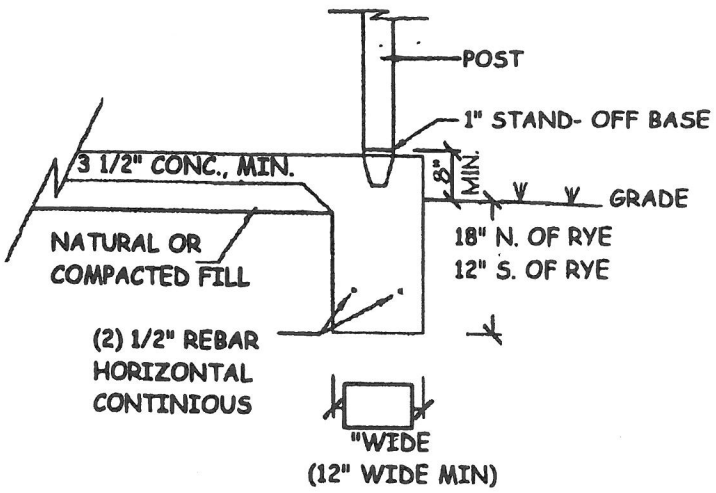
LIMITATIONS AND ADDITIONAL REQUIREMENTS:

1. RECTANGULAR OR ROUND POST & PIER FOOTING
2. 10 FOOT WIDE OR LESS
3. 20 FOOT LONG OR LESS
4. WILL BE ACTUALLY BUILT PER SPECS
5. SPECIFY SIZE OF ALL STRUCTURAL MEMBERS
6. INCLUDE A DIMENSIONED POST / PIER LAYOUT
7. PORCHES ATTACHED TO MANUFACTURED HOMES MUST BE SELF-SUPPORTING
8. INCLUDE A FLOOR PLAN DEPICTING PORCH, ADJACENT ROOM & WALL

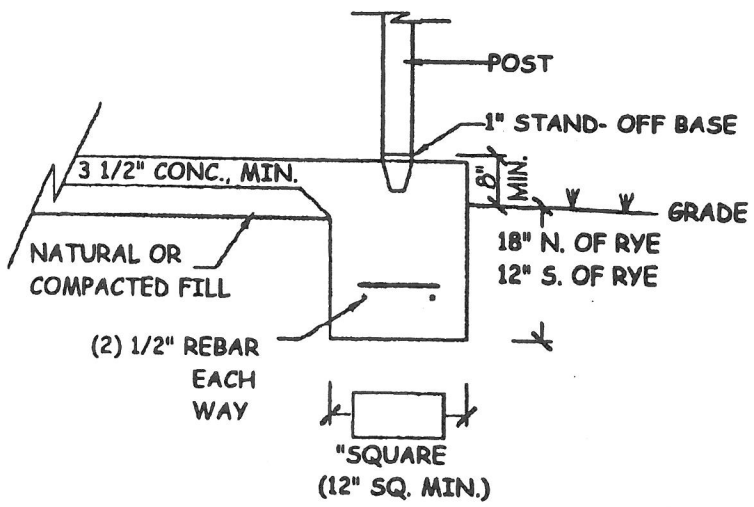


CRITERIA FOR USE OF PORCH & DECK SAMPLE PLANS (2012 IRC)

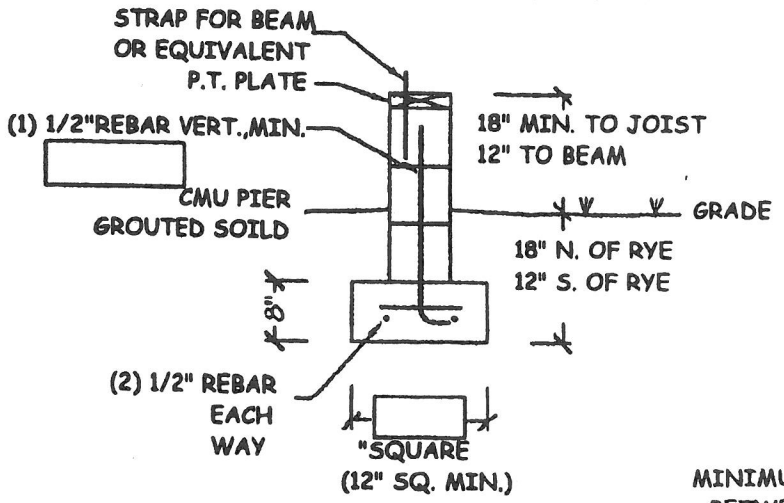
FOOTINGS REQUIRED TO BE A MINIMUM 12" INTO UNDISTURBED SOIL



CONTINUOUS MONOLITHIC FOOTING "A"

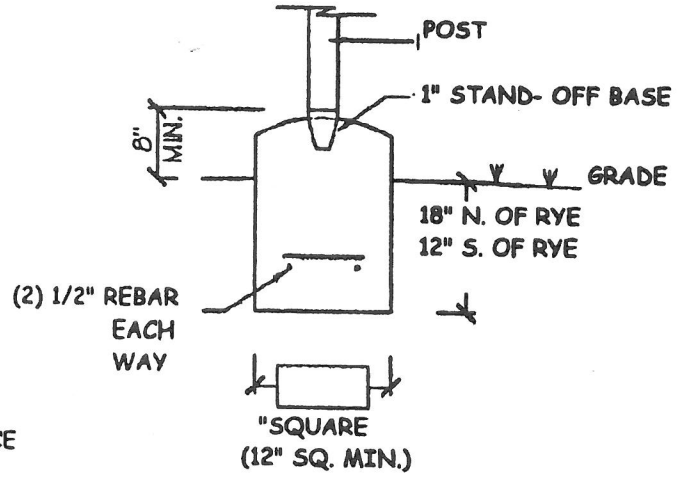


MONOLITHIC POST FOOTING "B"



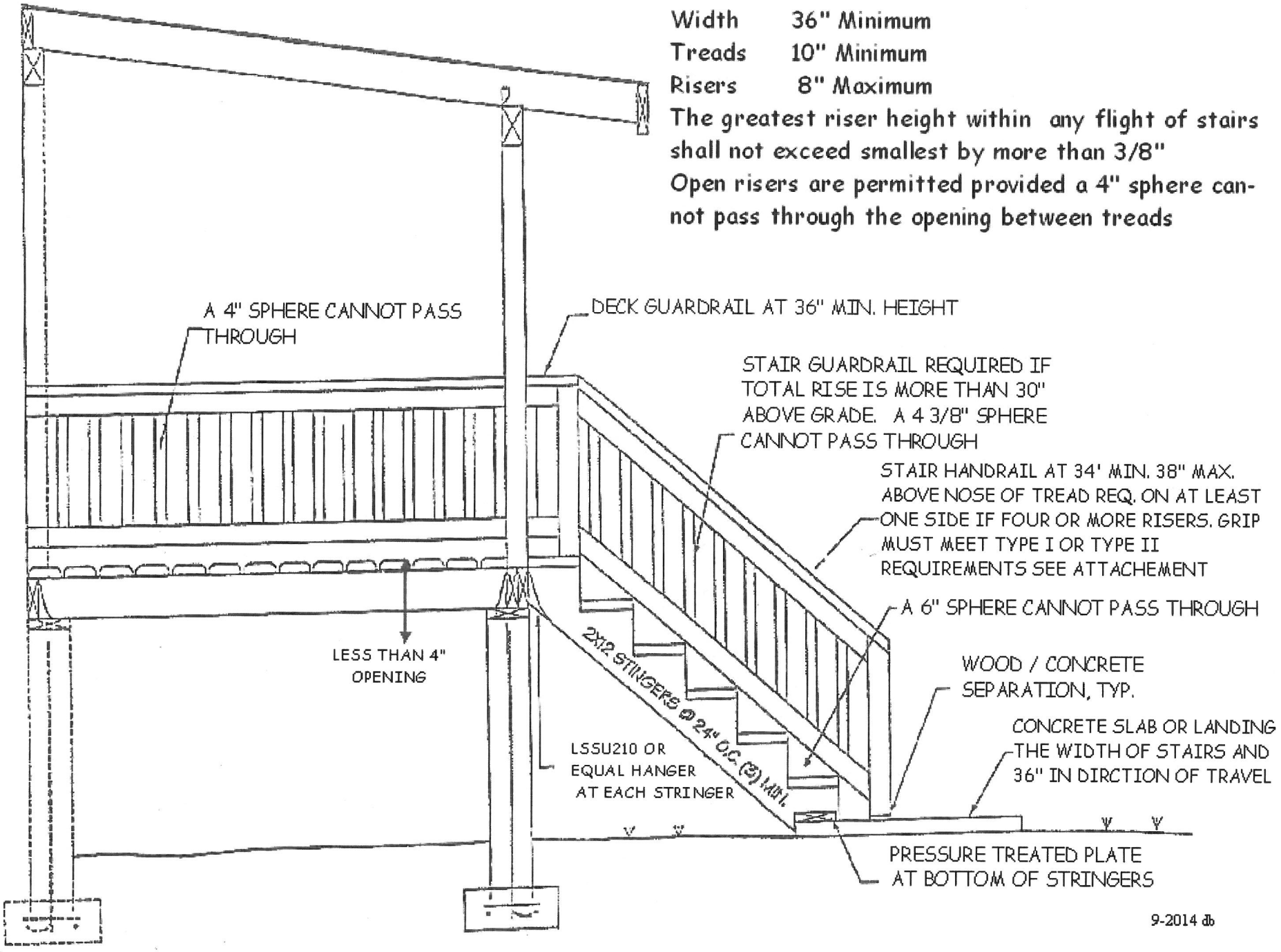
CMU BLOCK PIER "C"

MINIMUM 3" CLEARANCE BETWEEN REBAR AND BOTTOM / SIDES OF FOOTING



POST FOOTING "D"

DECK & STAIRS DETAIL (2012 IRC)



9-2014 db

Handrail grip size.

All required handrails shall be of one of the following types or provide equivalent graspability.

1. Type I. Handrails with a circular cross section shall have an outside diameter of at least 1¼ inches (32 mm) and not greater than 2 inches (51 mm). If the handrail is not circular it shall have a perimeter dimension of at least 4 inches (102 mm) and not greater than 6¼ inches (160 mm) with a maximum cross section of dimension of 2¼ inches (57 mm).

2. Type II. Handrails with a perimeter greater than 6¼ inches (160 mm) shall provide a graspable finger recess area on both sides of the profile. The finger recess shall begin within a distance of ¾ inch (19 mm) measured vertically from the tallest portion of the profile and achieve a depth of at least $^{5}/_{16}$ inch (8 mm) within $^{7}/_{8}$ inch (22 mm) below the widest portion of the profile. This required depth shall continue for at least $^{3}/_{8}$ inch (10 mm) to a level that is not less than 1¾ inches (45 mm) below the tallest portion of the profile. The minimum width of the handrail above the recess shall be 1¼ inches (32 mm) to a maximum of 2¾ inches (70 mm). Edges shall have a minimum radius of 0.01 inches (0.25 mm).