



RESIDENTIAL DECK CHECK SHEET

- Inspections to be called in by 4:30 pm the previous day.
- Call (937) 748-9791. If you get voice mail, leave your name, phone number, type of inspection and address.
- Concrete inspections require a minimum 1-hour window. (example ready by 9 / pour by 10)
- Approved prints and site drawing must be on site for all inspections.
- Reinspection fees are \$ 40.75 per inspection. **No finals will be done if fees are owed.**
- Work performed without permits will result in **double** fees.
- Inspectors have the right to refuse to inspect any unsafe and non-compliant (OSHA) job site.
- It is the responsibility of the permit holder to call and schedule the required inspections. Job site to be identified with address and or lot number.

REQUIRED INSPECTIONS:

- Footers/piers:** Pier footers are to be twice the diameter of the post unless otherwise noted. Depth to be a minimum of 30" below finish grade. Inspections are to be done before placing any concrete. Footers are required under all steps.
- Rough frame:** Floor joists should be set and no deck boards installed. This inspection is required when the deck sets closer than 3 feet to finish grade.
- Final deck:** Guardrails & handrails must be installed. All other items must be completed.
- Any electrical work requires a separate electrical permit and inspections.**

Deck

not to scale

Show all lumber sizes and connections.

Guard rail required when deck is 30" or more above grade or 4 risers.

36" high guard rail on all open sides of deck including steps.

Opening between balusters must be less than 4", maximum handrail grip is 2 5/8".

All steps must be the same height with no more than 3/8" difference.

Maximum step rise 8-1/4" minimum tread width 9".

Joist hanger/edger board must be used when materials butt into each other.

Lag screw (5/16") band board to existing building 3' 0" on center.

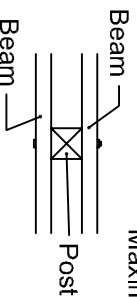
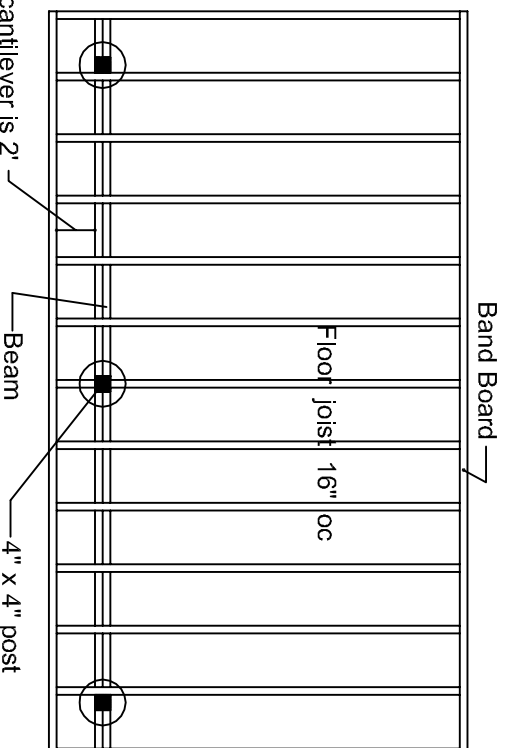
Nail all joist hangers every hole.

Horizontal railings which create a ladder effect are prohibited.

Maximum opening on back of risers is 4".

The maximum cantilever on floor joists over beams is 2'.

Handrail to be 34" to 38" high.



Beam Maximum Span

center of post to center of post

(2)-2"x6" = 6'0"

(2)-2"x8" = 8'0"

(2)-2"x10" = 10'0"

(2)-2"x12" = 12'0"

Floor Joist Maximum Span

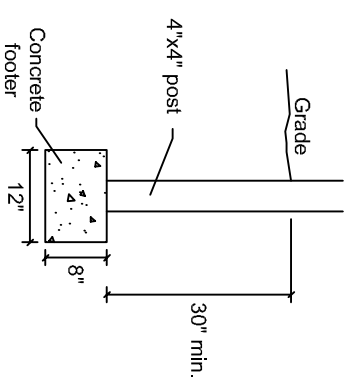
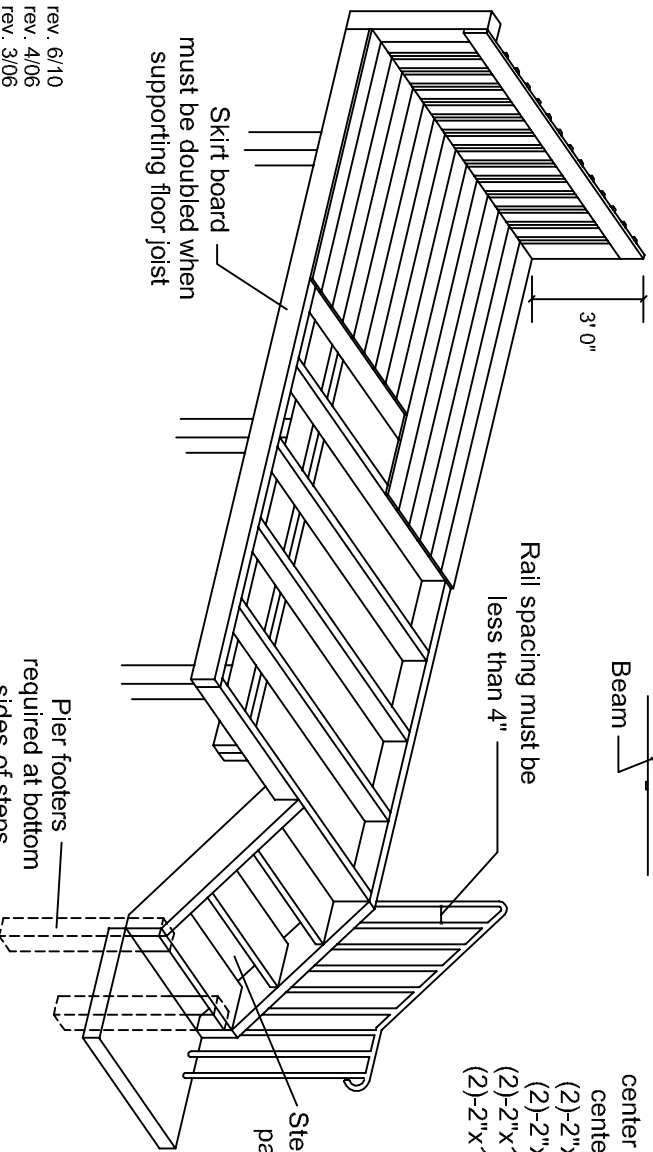
16" oc

2"x6" - 9'1"

2"x8" - 12'1"

2"x10" - 15'3"

Floor loading design 40# per sq. ft. all wood is #2 southern yellow pine



Typical Footer

rev. 6/10
rev. 4/06
rev. 3/06
rev. 9/05
rev. 10/02
deck 11/01

(footers to be 8" min. diameter and have 30" cover)