

Deck Specifications for:

Name: _____

Address: _____

Legal Land Location: _____

Phone: _____

Contractor: _____ Phone: _____

Specifications

Structure

Attached: Or Detached: and size x

Footing pad (Detail "A") size: x x thick

& must be reinforced

Or pile (Detail "B") dia: , to a depth of

& must be reinforced

Column size: " x " (i.e. 3 ply 2" x 6"/steel telepost)

Beam: ply of 2"x

Span between columns:

Joists: 2" x 6", 8", 10" or 12" @ " spacing

Distance between supports (i.e. ledger board to beam)

Attach joist to the ledger board with joist hangers

Decking material is x (i.e. radius/composite/plywood/2"x 6")

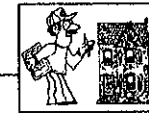
Dimensional lumber/treated (i.e. 2" x 8") or other

Hardware: *Warning - when purchasing hangers and fasteners ensure the packaging indicates the hardware is ACQ or CA approved is the type of pressure treatment used in wood which can be corrosive to hardware and cause structural failure.*

Permit # _____

Town/Village/RM of _____

Date: _____



Professional Building Inspections, Inc.

Safety

Height from ground: _____

Clearance from deck to overhead wires: _____

For height of deck guardrail & stair handrail see pages 2 & 3.

Roof: No Yes , (If "yes" then piles are required for support and plans to be Engineer stamped & site specific).

Engineered trusses: (If yes manufactured by - _____)

If no, then rafter & joist size " x "

Spaced apart with a overhang

Thickness/type of sheathing: _____

Type of shingles: _____

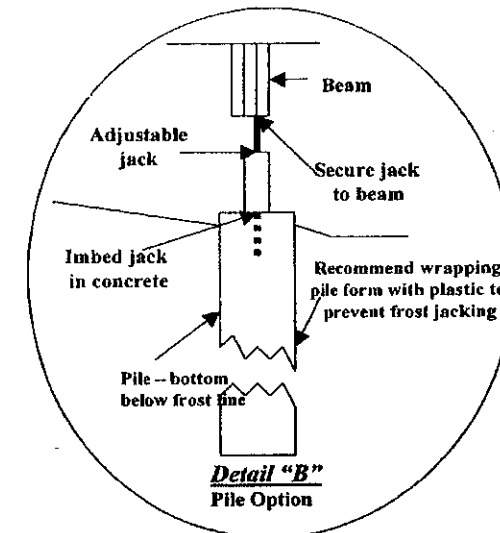
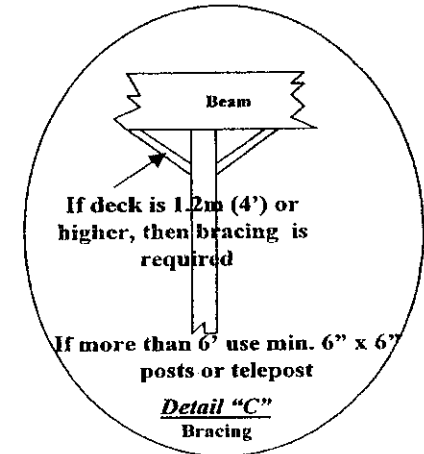
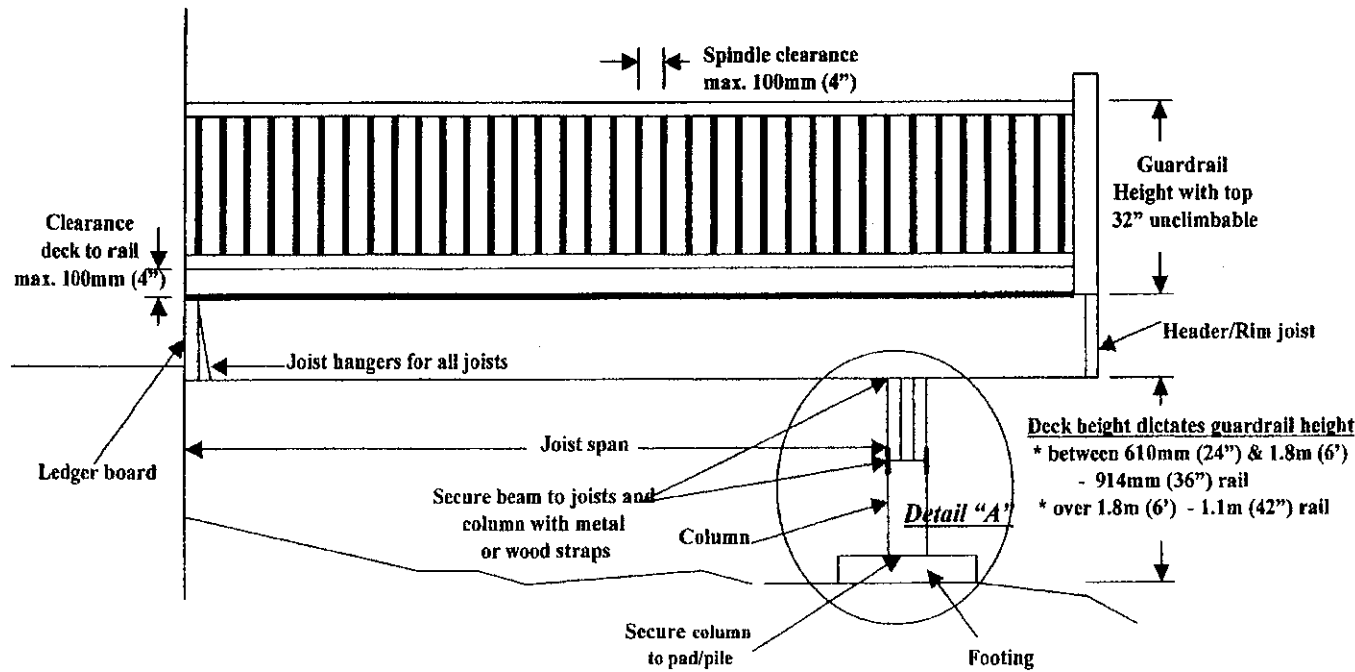
Site Plan (on the reverse side show the following):

1. Lot dimensions & lot shape.
2. Deck location and set backs from lot lines.
3. All existing buildings, their dimensions & distance to deck.
4. Sketch of deck showing dimensions & location/direction of joist, beams & stairs.

Typical Deck Construction Details - (foundation/guard rail)



Professional Building Inspections, Inc.



Notes:

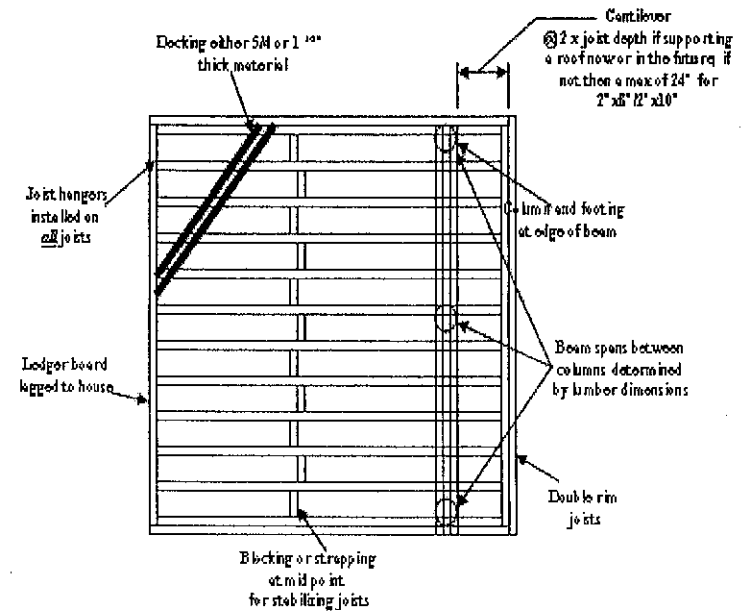
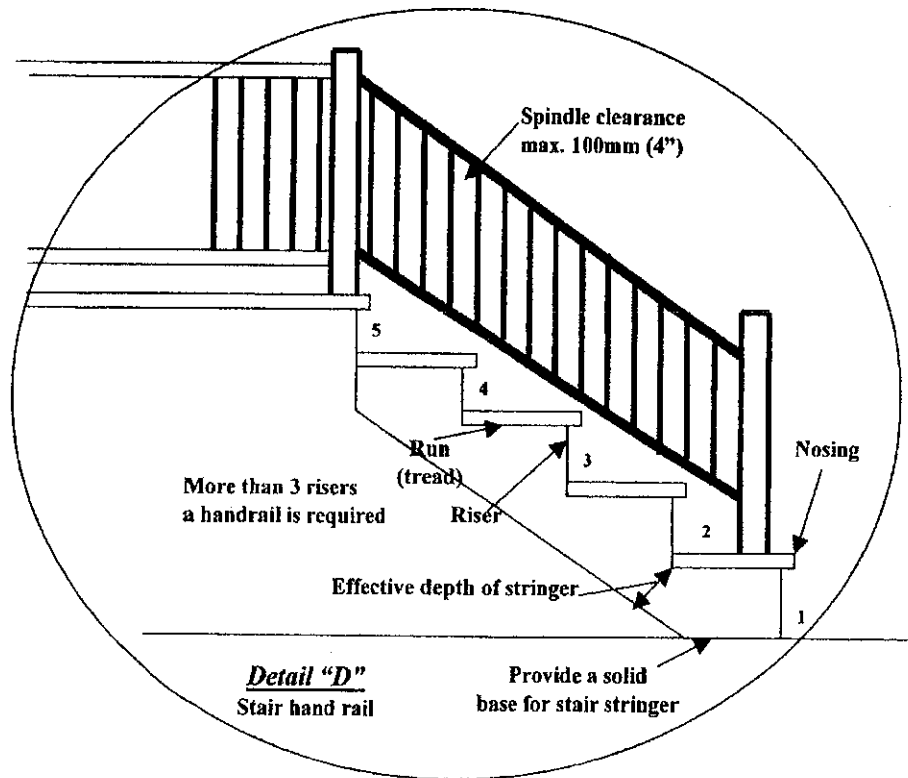
1. Deck guardrails not to have a climbable foothold within 812mm (32") of top of rail.
2. Deck guardrail height - above deck surface @ 1070mm (42"), if deck surface is over 1.8m (6'). If deck surface is between 610mm (24") and 1.8m (6'), then the guard rail is 914mm (36").
3. Foundation is required if the deck is: (2005 NBC 9.12.2.2(7))
 - * a. more than one storey.
 - b. more than 55m² (592 ft²) in size.
 - c. more than 600mm (24") from the underside of joists to the finished ground.
 - * d. supporting a roof.
 - * e. attached to another building structure (i.e. a house)
4. Beam splice or joints should be over a column, (not more than 1/2 of the splices over one column)

* May require Eng. Stamp & site specific.

Typical Stairs and Plan View



Professional
Building
Inspections, Inc.



Notes:

1. Stair handrails - 800mm (31.5") min. and 965mm (38") max. above stair nosing (Detail "D").
2. Stringer min. effective depth (Detail "D") - 90mm (3 1/2") and thickness 38mm (1 1/2")
3. Tread/run (Detail "D") thickness 38mm (1 1/2") min. if stringers are more than 750mm (30") on center.
4. Tread width 900mm (36") o.c.
5. Min/max dimensions for Rise is 4 7/8" - 7 7/8"; Run is 8 1/4" - 14".
6. Hand rails are required if: (2005 NBC 9.8.8.1(1))
 - a. there is a difference in elevation of more than 600mm (24") between the walking surface and the deck surface or 3 risers.
 - b. the adjacent surface within 1.2m (4') of the walking surface has a slope of more than 1 in 2 (meaning a ratio of 1' out and 2' down).