

## Deck - Specifications for:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Legal Land Location: \_\_\_\_\_

Phone: \_\_\_\_\_ Cell: \_\_\_\_\_

Contractor: \_\_\_\_\_ Ph: \_\_\_\_\_

## Specifications

### Structure:

\_\_\_\_ Attached **OR** \_\_\_\_ Detached

Size: \_\_\_\_\_ x \_\_\_\_\_ (state if size is in ft<sup>2</sup> or m<sup>2</sup>)

**If over 55m<sup>2</sup> (592 ft<sup>2</sup>) or more than 600mm (2') off the ground,**  
then provide piles (see page 4)

**Footing pad (Detail "A") size:** \_\_\_\_\_ x \_\_\_\_\_ x \_\_\_\_\_ thick  
(must be reinforced)

Provide distance between beams: \_\_\_\_\_

### *If deck is attached to a mobile dwelling:*

*then deck foundation to be same as mobile dwelling's foundation*

**OR piles (Detail "B" - see page 4)** (must be reinforced)

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

**Beam:** \_\_\_\_\_ ply of 2" x \_\_\_\_\_

Span between columns along beam: \_\_\_\_\_

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

Attach joist to the ledger board with joist hangers (if deck is attached)

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

Provide joist cantilever length past beam \_\_\_\_\_

**Decking material is** \_\_\_\_\_ x \_\_\_\_\_ (i.e. radius/plywood/2"x 6") (If composite, then joists to be 16" o.c.)

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

Permit # \_\_\_\_\_

Town/Village/RM of \_\_\_\_\_

Date: \_\_\_\_\_



### 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 are to be Engineer stamped & site specific.)

Engineered trusses: **If yes**, manufactured by:

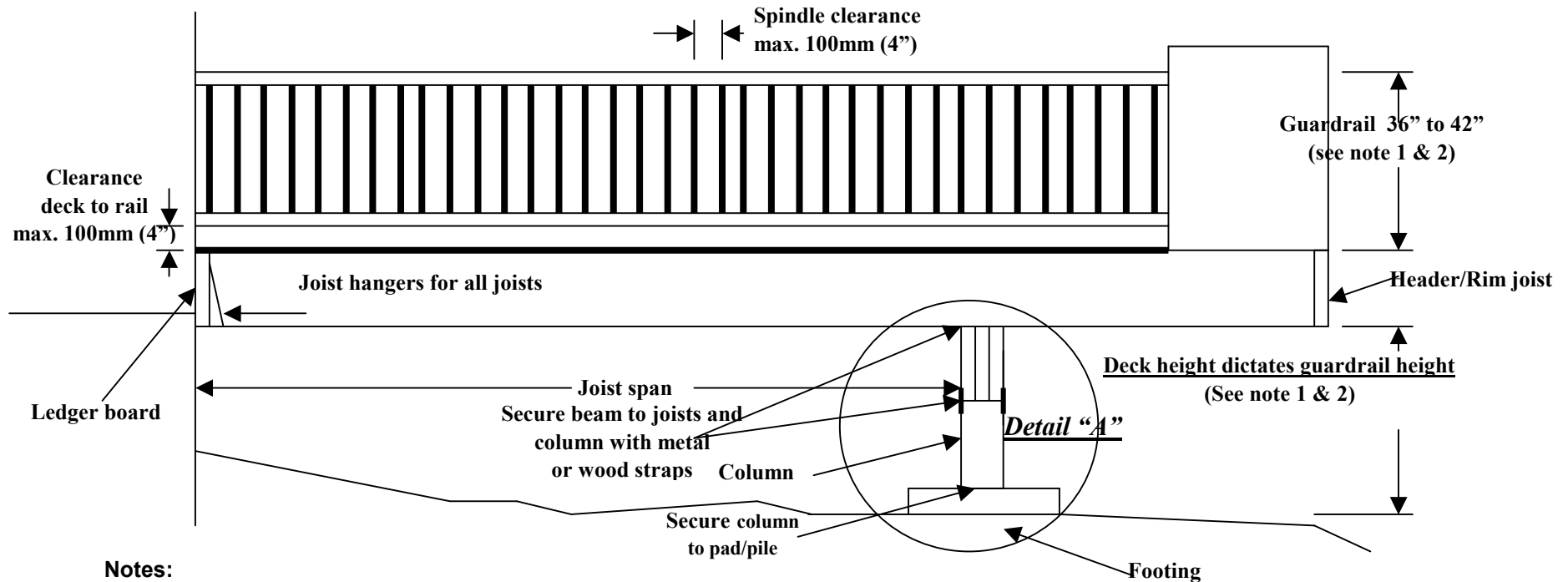
\_\_\_\_\_  
**If no**, then rafter & joist size is: \_\_\_\_\_ " x \_\_\_\_\_ "

Spaced \_\_\_\_\_ apart with a \_\_\_\_\_ overhang

Thickness/type of sheathing: \_\_\_\_\_

Type of shingles: \_\_\_\_\_

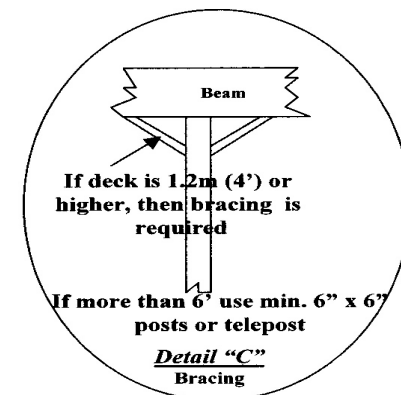
## Typical Deck Construction Details (Foundation & Guardrails)



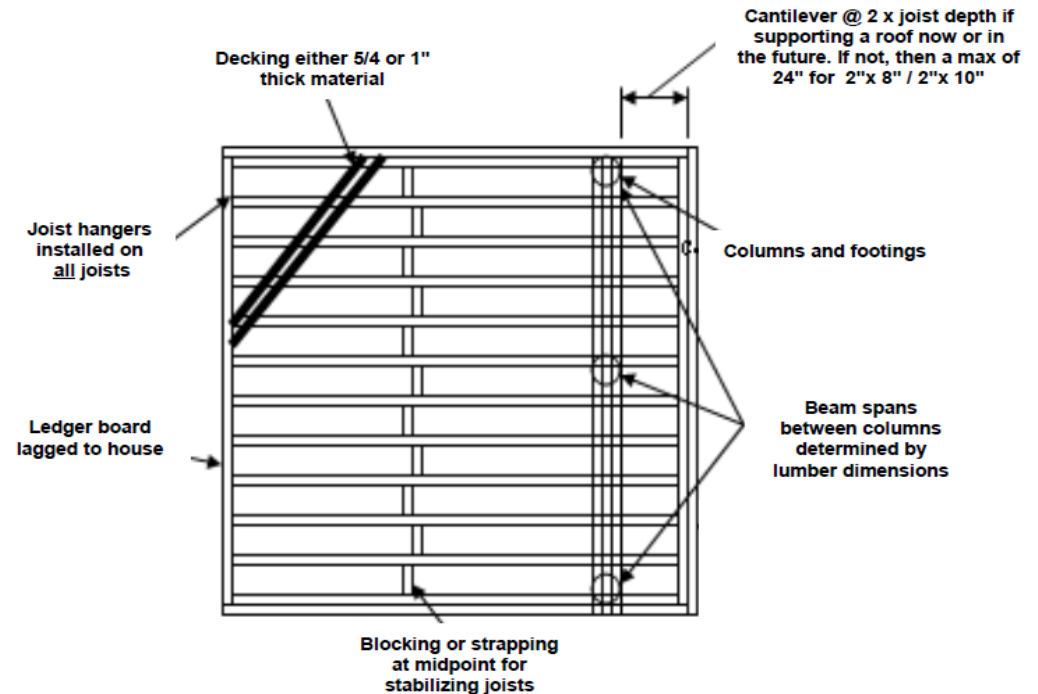
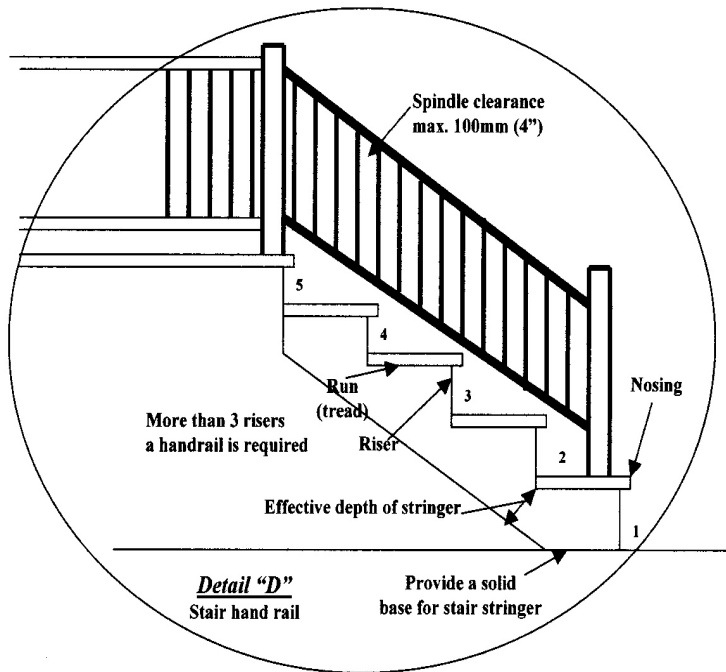
### Notes:

- Deck guardrails not to have a climbable foothold within 812mm (32") of top of rail.
- 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 guardrail is 914mm (36").
- Foundation is required if the deck is: (2010 NBC 9.12.2.2(7))

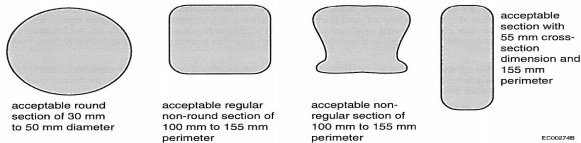
- \* May require Eng. Stamp & be site specific, or see page 4
  - \* a. more than one storey.
  - \* b. more than 55m<sup>2</sup> (592 ft<sup>2</sup>) in size.
  - \* c. more than 600mm (24") from the underside of joists to the finished ground.
  - \* d. supporting a roof.
  - \* e. attached to another building structure (i.e. a house)
- Beam splice or joints should be over a column (not more than half of the splices over one column)
  - The cantilever of 2" x 10" joists is a maximum of 24".



## Typical Stairs and Plan View



Handrails must be 'graspable'. Some acceptable examples appear below:



### Notes:

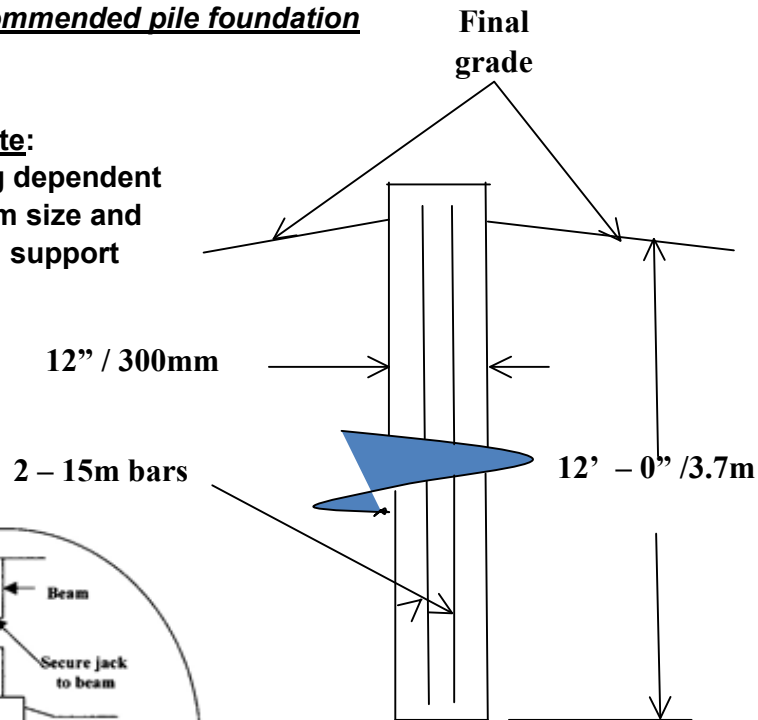
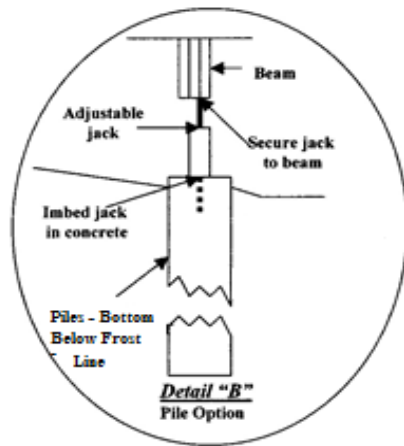
- Handrail is required only if there are more than 3 risers (see Detail "D"). Handrails: 800mm (31.5") min. & 965mm (38") max. above stair nosing.
- Stringer min. effective depth (Detail "D") - 90mm (3 1/2") and thickness 38mm (1 1/2") and stringer to be spaced not more than 900mm (3') o.c. for stairs not serving more than one dwelling unit and 600mm (2') o.c. in other stairs.
- Tread/run (Detail "D") thickness 38mm (1 1/2") min. if stringers are more than 750mm (30") on center.
- Tread width 900mm (36") o.c.
- Min/max dimensions for Rise is 125mm (4 7/8") - 200mm (7 7/8"); Run is 210mm (8 1/4") - 355mm (14").
- Guardrails are required if: (2010 NBC 9.8.8.1)
  - there is a difference in elevation of more than 600mm (24") between the walking surface and the deck surface or 3 risers.
  - the adjacent surface within 1.2m (4') of the walking surface has a slope greater than 1 in 2 (meaning a ratio of 1' out and 2' down).

## Recommended Pile Foundation (Detail B)

On page 2 it indicates an Engineer's stamp  
& site specific may be required *or* do the  
following recommended pile foundation

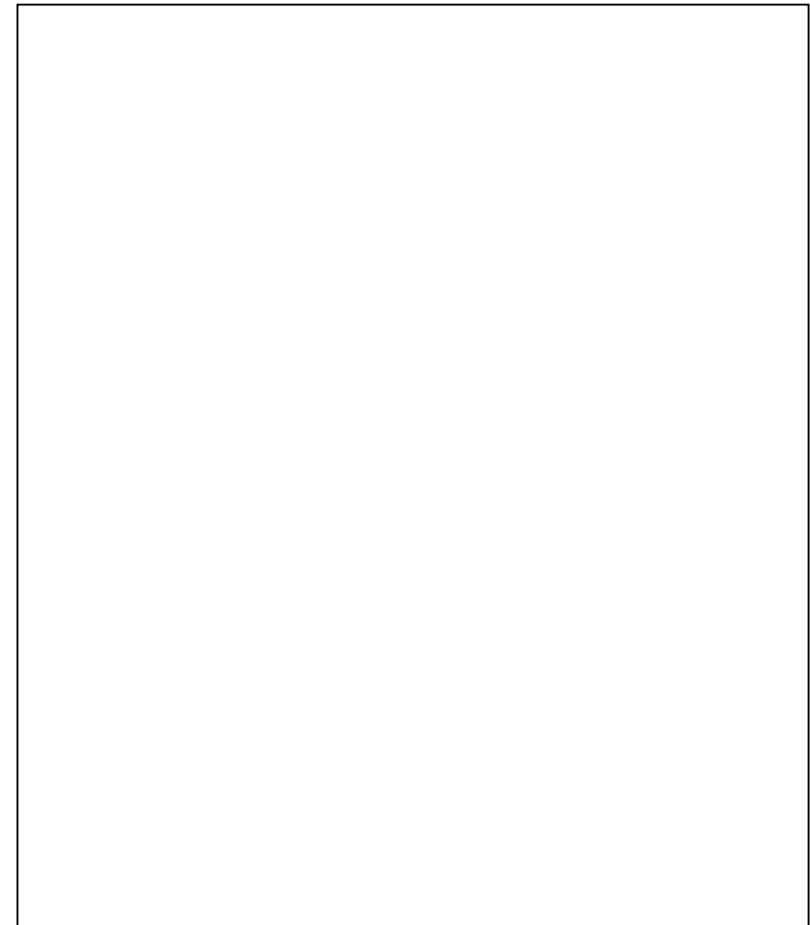
### Note:

Pile spacing dependent  
upon beam size and  
required support



### Site Plan Required (Show below or on a separate sheet:)

- Lot dimensions
- Deck location with set backs from property lines & existing buildings
- Sketch of deck showing dimensions & location/direction of joists, beams & stairs



Lot Dimensions: \_\_\_\_\_ wide x \_\_\_\_\_ deep