



**Reg Churko**

306-728-7692 (Cell)

Email: [reg@rcinspections.ca](mailto:reg@rcinspections.ca)

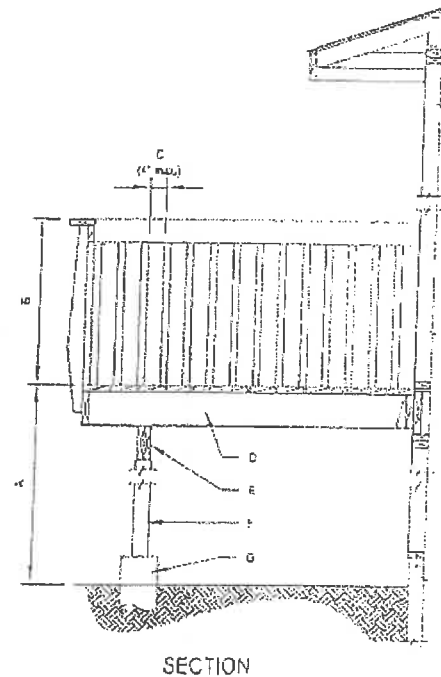
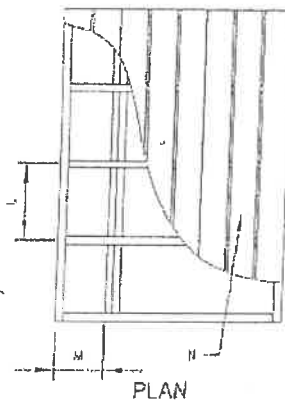
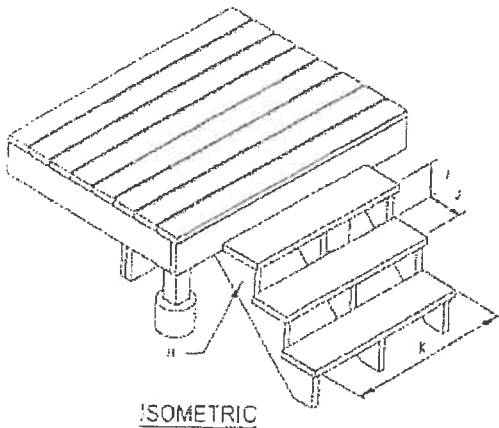
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## RESIDENTIAL ATTACHED DECK FORM

This checklist has been provided to aid Building Permit Applications and does not include all possible NBC requirements:

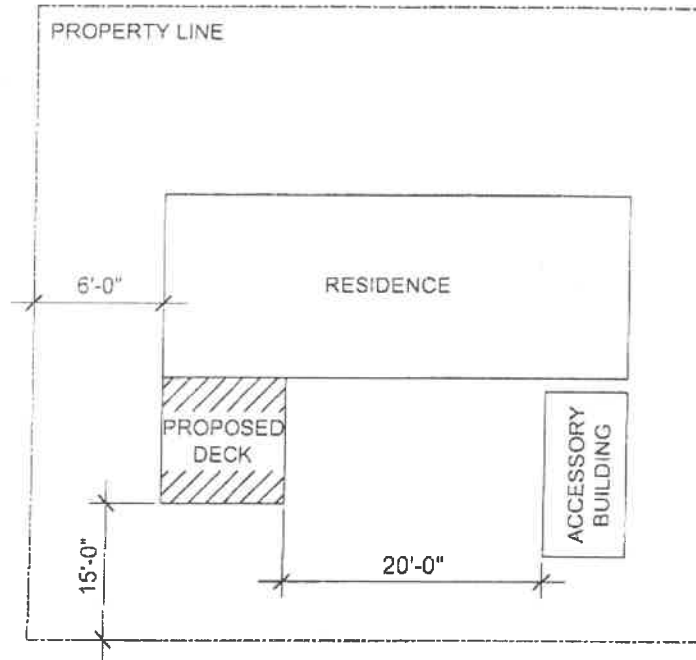
Please indicate the dimensions of the following items in either metric or imperial in each space as well.

- |                                |       |   |
|--------------------------------|-------|---|
| A. Deck Height above Ground:   | _____ | (If more than 600mm - full foundations extending below frost line are required) |
| B. Guard Height:               | _____ | (See "Notes" on next page.)   |
| C. Size of Max. Guard Opening: | _____ | (Max. 100mm (approx. 4") permitted)   |
| D. Joist Dimensions:           | _____ | (See "Notes" on next page.)   |
| Joist Species & Grade          | _____ | (i.e. SPF No. 2 or better)  |
| Joist Total Span:              | _____ | (See "Notes" on next page.)   |
| L. Joist Spacing:              | _____ | (See "Notes" on next page.)   |
| M. Cantilever Length:          | _____ | (See "Notes" on next page.)   |
| E. Each Beam Member Size:      | _____ | (See "Notes" on next page.)   |
| # of Members in Beam:          | _____ | (i.e. 2 Ply, 3 Ply, 4 Ply, etc.)  |
| F. Column Size:                | _____ | (Min. size wood permitted is 140mm x 140mm (5.5" x 5.5"))                       |
| Column Spacing                 | _____ | (See "Notes" on next page.)   |
| G. Deck Pile/Footing Size:     | _____ | (12" diameter & 10' length r/w 2@10M full depth - deck only no roof)            |
| H. Stair Stringer Size:        | _____ | (i.e. 2x12)   |
| Number of Stringers:           | _____ | (i.e. 3)  |
| I. Rise of Step:               | _____ | (125 - 200mm)   |
| J. Run of Step:                | _____ | (235 - 355mm)   |
| Step Nosing                    | _____ | (Max. 25mm)   |
| K. Width of Stairs:            | _____ | (Min. 860mm)  |
| N. Type of Decking/Flooring:   | _____ |   |

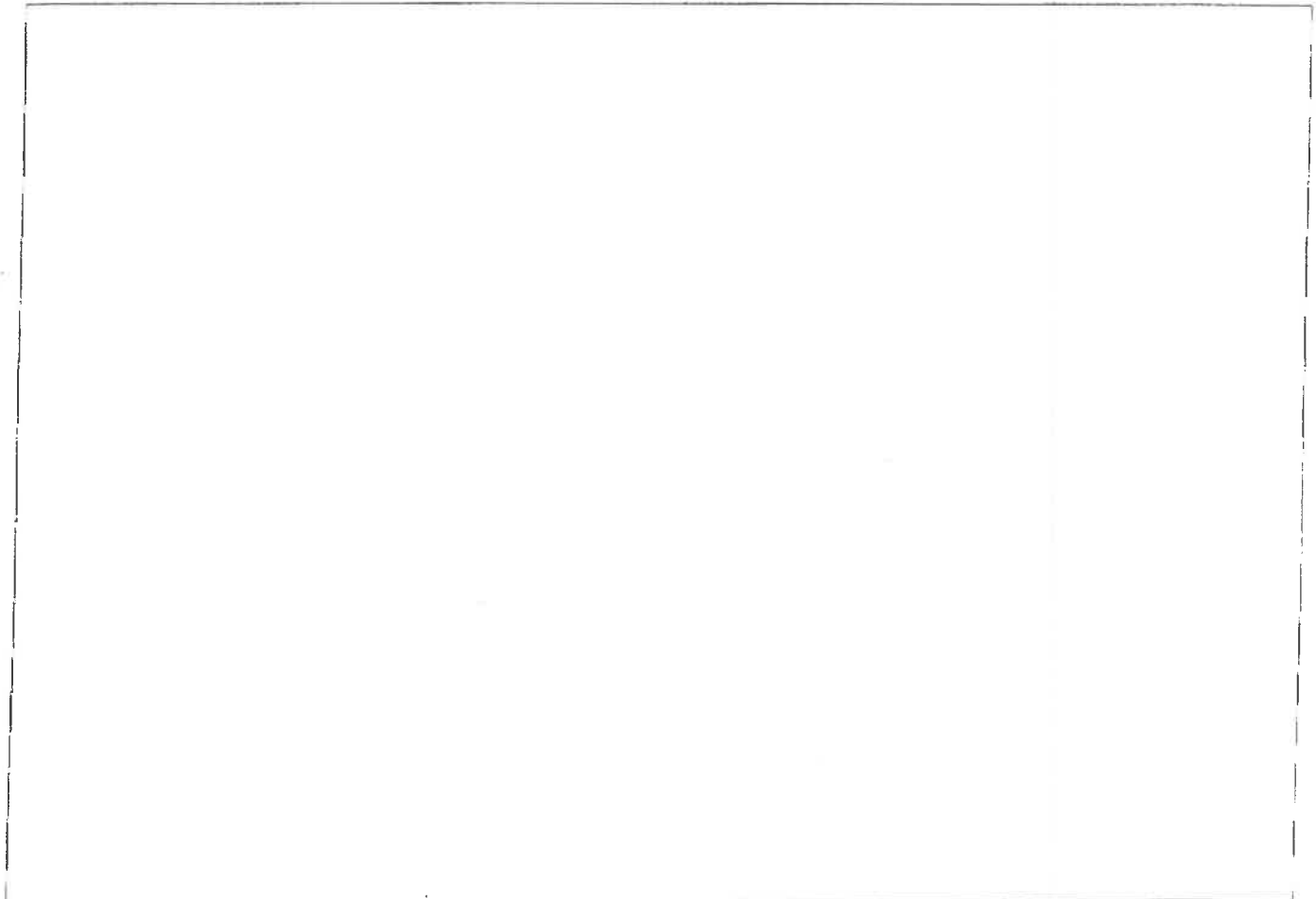


## EXAMPLE

### SITE PLAN

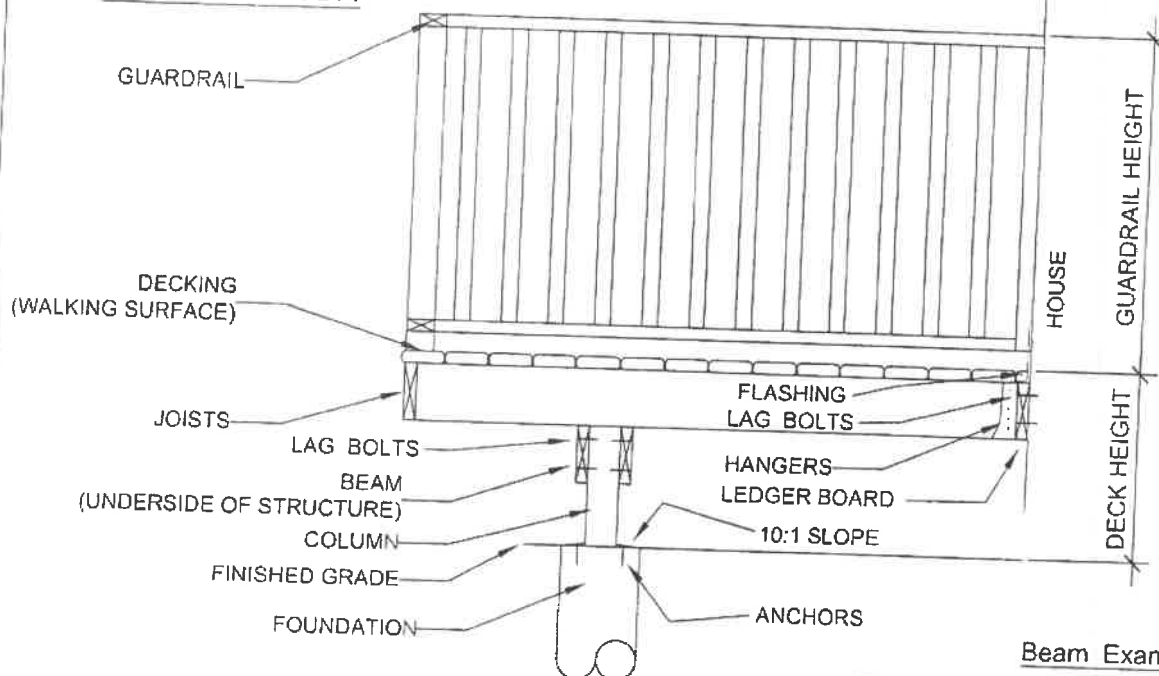


### SITE / DECK PLAN

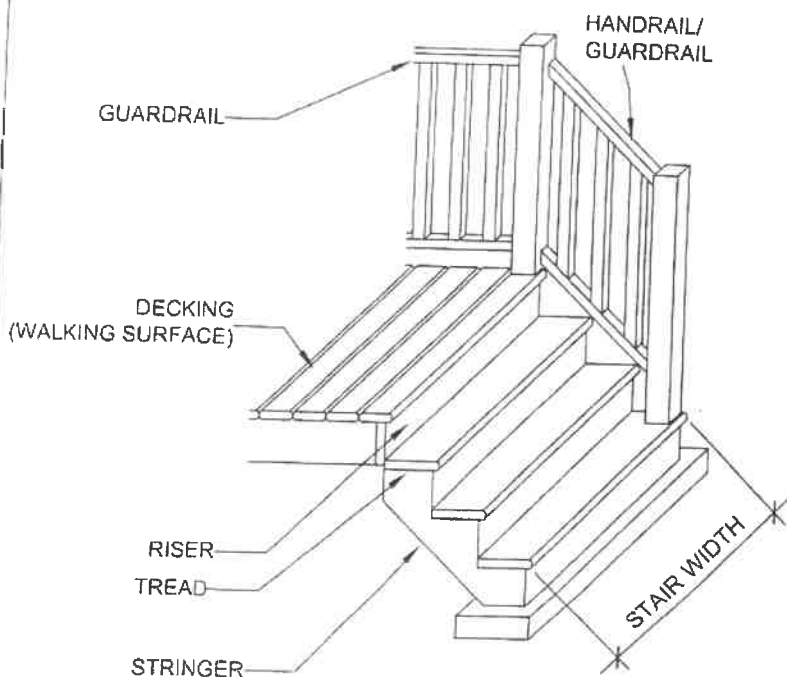


# **INFORMATION ONLY**

## **DECK SECTION**



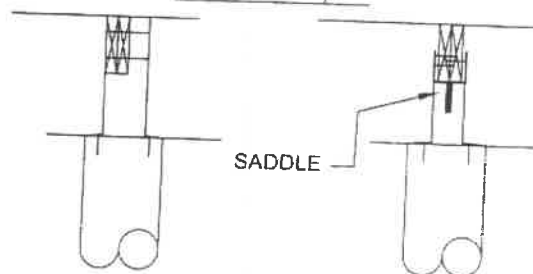
## **STAIR DETAIL**



### **Stair Requirements:**

- Treads and risers must have a uniform rise and run in any one flight including top and bottom risers.
- Risers must be 125mm (5 in.) minimum to 200mm (8 in) maximum.
- Treads must be 255mm (10 in) minimum to 355mm (14 in) maximum.
- Handrails are required on stairs with more than 3 risers.

### **Beam Examples**



### **Suggested Spans**

#### **Joist Spans**

Joist Size	16" o.c.	24" o.c.	maximum cantilever
2" x 6"	9'-4"	8'-2"	12"
2" x 8"	12'-4"	10'-9"	16"
2" x 10"	14'-6"	13'-6"	24"

#### **2 Ply Beam**

Joist Length	2 x 6	2 x 8	2 x 10
8'-0"	6'-6"	8'-6"	10'-0"
10'-0"	6'-0"	8'-0"	9'-6"
12'-0"	5'-6"	7'-0"	8'-0"

#### **3 Ply Beam**

Joist Length	2 x 8	2 x 10
8'-0"	10'-0"	13'-0"
10'-0"	9'-6"	11'-6"
12'-0"	8'-6"	10'-0"

### **Maximum Beam Cantilever**

Beam Size	Maximum Cantilever
2" x 6"	1'-0"
2" x 8"	1'-6"
2" x 10"	2'-0"