

# AMIBIS

Area Municipal Building Inspection Service

## RESIDENTIAL DECK DESIGN STATEMENT

Alberton, Chapple, La Vallee and Rainy River

Supplemental information sheet to accompany construction drawings

Location of Property: \_\_\_\_\_

**General Project Information** (For multi-level decks, complete one sheet per level → level # \_\_\_\_\_)

1. What are the overall dimensions of the deck? \_\_\_\_\_
2. What is the height (vertical distance) from final grade to the top of the decking? \_\_\_\_ ft. \_\_\_\_ in.
3. If the deck will be built over sloping ground (any direction),  
What is the highest vertical distance from grade to the top of the decking? \_\_\_\_ ft. \_\_\_\_ in.
4. Will the deck be attached to the house?    yes    no    (please circle)  
If yes, how far below grade are the footings of the house? \_\_\_\_ ft. \_\_\_\_ in.
5. Please circle the type of soil at the site:    clay    sand    other \_\_\_\_\_
6. Is the water table within 4 feet of the final grade?    yes    no    (please circle)

### **Footings Information**

1. What is the concrete pier diameter?    10 inch    12 inch    other \_\_\_\_\_
2. How far below ground level will the concrete pier extend? \_\_\_\_\_
3. Size of pier base? \_\_\_\_\_ (Base of pier to be widened to provide footing.)
4. What will be the **maximum** pier spacing? \_\_\_\_ ft. \_\_\_\_ in. on centre.

### **Framing Information**

1. What is the post size? \_\_\_\_\_ by \_\_\_\_\_ What is the post height? \_\_\_\_\_
2. What is the built-up beam size? 2" by \_\_\_\_\_ at    2ply    3ply    4ply    (circle)
3. What size are the floor joists? 2" by \_\_\_\_\_ with a joist spacing of \_\_\_\_\_ inches on centre.
4. What is the joist span? \_\_\_\_ ft. \_\_\_\_ in. (Clear span between supports)
5. How far will the floor joists overhang the beam? \_\_\_\_\_ inches.
6. Please circle the type of decking material to be used:    wood    composite    other \_\_\_\_\_
7. What is the thickness of the decking material? \_\_\_\_\_.

**Guards Information**

1. What materials will the proposed guard be made of? \_\_\_\_\_
2. If the deck is more than 2 feet above final grade, what is the height of the proposed guard?  
\_\_\_\_\_ inches.

**Stairs Information**

1. What is the width of the stairs? \_\_\_\_\_ inches.
2. How many risers will there be? \_\_\_\_\_ Will the stairs have a landing? No Yes

If yes, please indicate length \_\_\_\_\_

3. If more than 3 risers, what is the proposed height of the hand rail? \_\_\_\_\_ inches.

Where the stairs have more than 6 risers, or the stairs in total are greater than 2 feet in vertical height, guards are required on all open sides of the stairs.

4. What is the height of the stair guard? \_\_\_\_\_ inches

**Additional Notes:**

**Designers Declaration;**

I \_\_\_\_\_ am the;  
Print Name

Property Owner     Agent for the Property Owner (Designer BCIN #) \_\_\_\_\_

Signature \_\_\_\_\_

Date: \_\_\_\_\_ Phone No. \_\_\_\_\_

### **Deck Blocks**

Deck blocks can be used under the following conditions;

- 1 storey maximum
- 55 m<sup>2</sup> maximum
- 600 mm maximum to u/s of floor joists
- no roof
- not attached to another structure unless shown that differential movement will not affect the structure

Deck blocks can support a maximum deck area of 25 square feet (i.e. 5' x 5')

### **General Notes**

1. Site Plan or Survey required showing all lot lines and dimensions, size and location of all existing buildings, proposed location and size of deck.
2. Cross section showing height of deck from ground & guard detail and SG-7 detail number.
3. Floor plan showing joist, beam, post & pier details.
4. All lumber used must be stamped and graded No. 2 or better quality
5. Maximum cantilever (overhang) for 2" x 8" joists is 16" and for 2" x 10" joists is 24"
6. 5/4" decking material is only permitted when supported by joists on 16" centers.