

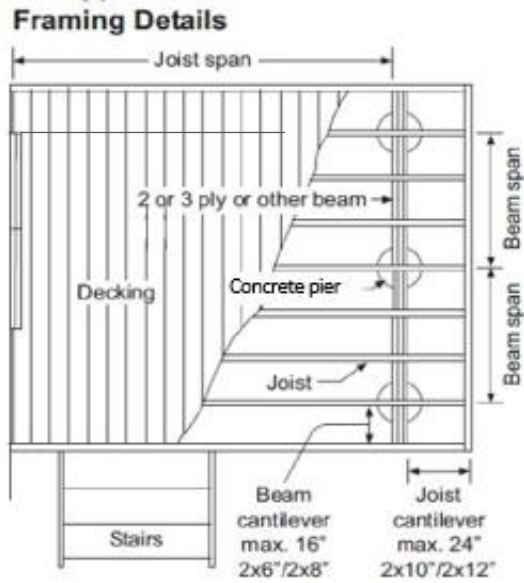
Bulletin: Decks

For a single-family dwelling



Bulletin # 17-02
 Updated: May 5, 2020
 Created: April 6, 2016

This bulletin is for informational purposes only. Please be sure to consult the relevant City of Kelowna bylaw.



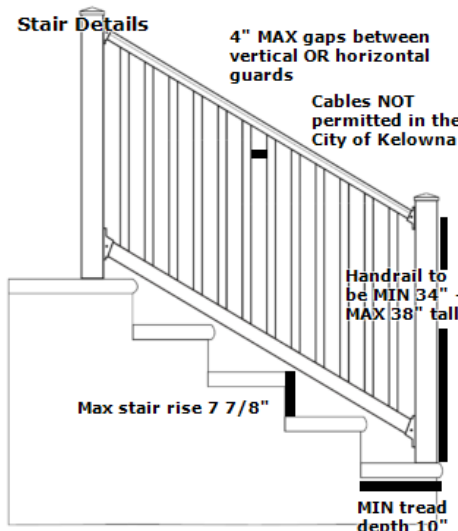
Foundation Details

A Foundation is required when deck is attached to dwelling AND if deck is to have a roof or other enclosure.

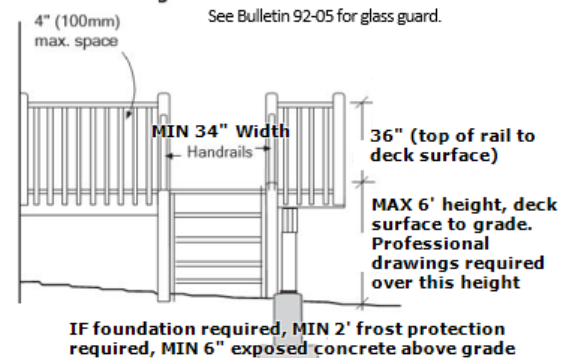
Detailed drawings to accompany application (MIN 2' frost protection).

NOTE: Maximum cantilevers apply when joists carry uniform distributed roof loads. Other point loads to transfer directly to the foundation.

Maximum Framing Spans				
Joist	Span 16" O.C.	Span 24" O.C.	Beam	Post Spacing
2 x 6"	9' - 2"	7' - 11"	3-2" x 8"	9' - 2"
2 x 8"	11' - 10"	9' - 8"	3-2" x 8"	8' - 5"
2 x 10"	14' - 3"	11' - 10"	3-2" x 10"	8' - 11"
2 x 12"	16' - 1"	13' - 9"	3-2 x 12"	9' - 9"



Guardrail Design



Cable guards (horizontal and vertical) NOT permitted in the City of Kelowna. Guards MUST BE non climbable. No permanent fixtures allowed adjacent to guards (ie benches). IF deck surface to grade is UNDER 4.2 metres, structural horizontal guards allowed. Consult with Building Inspector.

Building and Permitting
 1435 Water Street
 Kelowna, BC V1Y 1J4
 TEL 250-469-8960
 FAX 250-862-3314
 developmentsservicesinfo@kelowna.ca

See Checklist: Decks for SFD for full list of permit requirements

Checklist: Deck Application Requirements

Single Family Dwelling



Checklist # 20-02
Created: Apr 20, 2020

The purpose of this checklist is to aid applicants in ensuring permit packages are complete at time of application.

- One scaled drawing to include;
 - Dimensions of deck, placement on lot, total size and overall lot size
 - Location, with all measurements, of the proposed deck in reference to other structures, property lines, all registered easements, right-of-ways, NO DISTURB zone, NO BUILD zone, existing retaining walls and proposed retaining walls
 - Building elevations, deck foundation/footing plans, and a cross-section showing all construction assemblies
 - Material list showing deck materials and fasteners and build design of the deck and guard rails

*Preferred scale; metric 1:50, imperial 1/4"=1ft
All construction shall conform to the BC Building Code.*

- Engineer's Design and Schedules B, D and proof of insurance if applicable
- Current State of Title (within last 30 days) and copies of registered documents (easements, covenants and right of ways)
- Owner's Authorization Form
- Owner's Acknowledgement Form

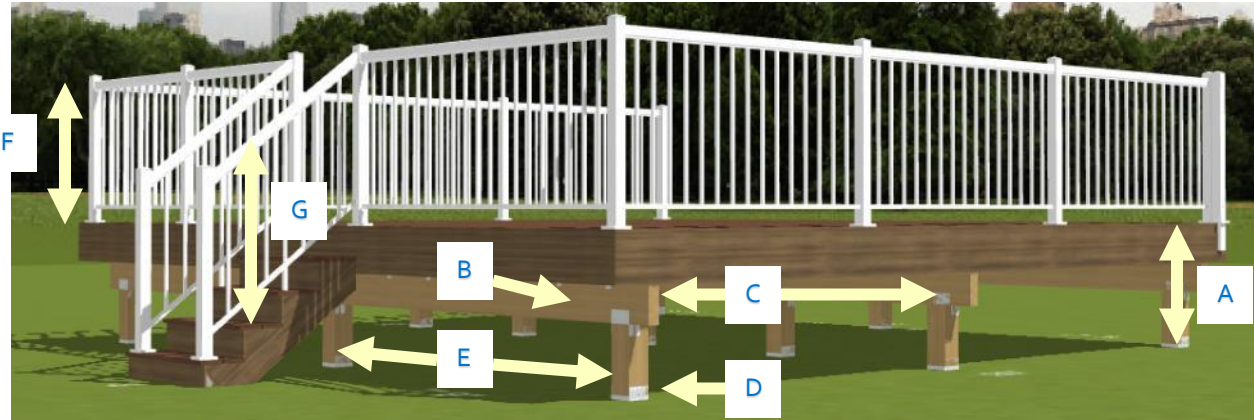
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See Deck Bulletin for build guidelines and requirements, see over for home owners work sheet

*** Note; if lot is sloped and/or you wish to place a hot tub on your deck, you will likely need the help of an engineering professional.*

Checklist: Deck Application Requirements

Single Family Dwelling



A - Deck floor above ground height = _____

B – Beam Size(s) = (Height) _____ x (Width) _____ x (Length) _____

C – Beam Spacing (Centre to Centre, *if applicable*) = _____

D – Post Sizes = (Height) _____ x (Width) _____ x (Length) _____

E – Post spacing (Centre to Centre on posts) = _____

F – Guardrail Height = _____ G – Handrail Height = _____

H – Joist Sizes = (Height) _____ x (Width) _____ x (Length) _____

I – Joist Spacing = _____

J – Footing / Foundation Type (circle one) = **STRIP** / **PIER** / **PAD**

K – Dimensions = (Height) _____ x (Width) _____ x (Length) _____

