

## Constructing Porches, Verandahs and Decks

The information supplied here is of a general nature for most projects. Some properties have restrictions that are unique to that site, whether it be zoning requirements or structurally related.

Verandahs, porches, sunrooms and decks are all considered additions to a dwelling. As such they must comply with the required setbacks for the main building; front, side & rear yards, and in the country must also be setback a minimum 5 meters from the on-site sewage disposal system.

Complete Sections A, B, C, D, E & H of the Application to Permit Construction and submit along with a plot plan, showing the proposed location and a structural drawing. A generic drawing for a deck is attached to this package. You can use this drawing, with your details noted, a copy from your building supplier or your own sketches, showing at minimum the spans, size and type of materials to be used in constructing the deck, porch or verandah.

Please note; the foundation of the proposed structure must be equal to the foundation of the building it is being attached to. If a deck is proposed to be on deck blocks, then it can not be attached to the home. A porch, sunroom or verandah will require a foundation of equal depth as that of the building it is being attached to.

Guards are required on all decks and balconies with floors higher than two feet above grade and the design of guards is governed by the Ontario Building Code. There are prescriptive requirements for guards in SG-7 of the Code, if other designs are proposed they must done by qualified professionals (engineered). If a bench is incorporated into the guard design, the required height is measured from the bench surface.

deck floor less than 24" above grade - no guards required,

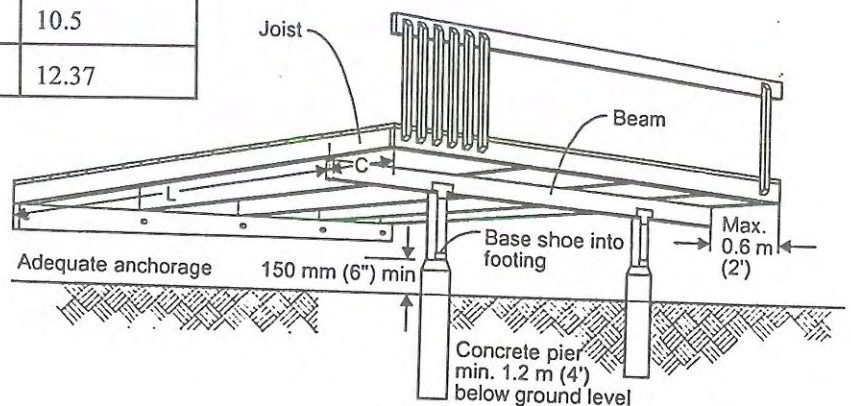
deck floor between 24" and 4' 11" above grade - 35" high guards required

deck floor 5' or more above grade - 42" high guard required, with no openings greater than 4"

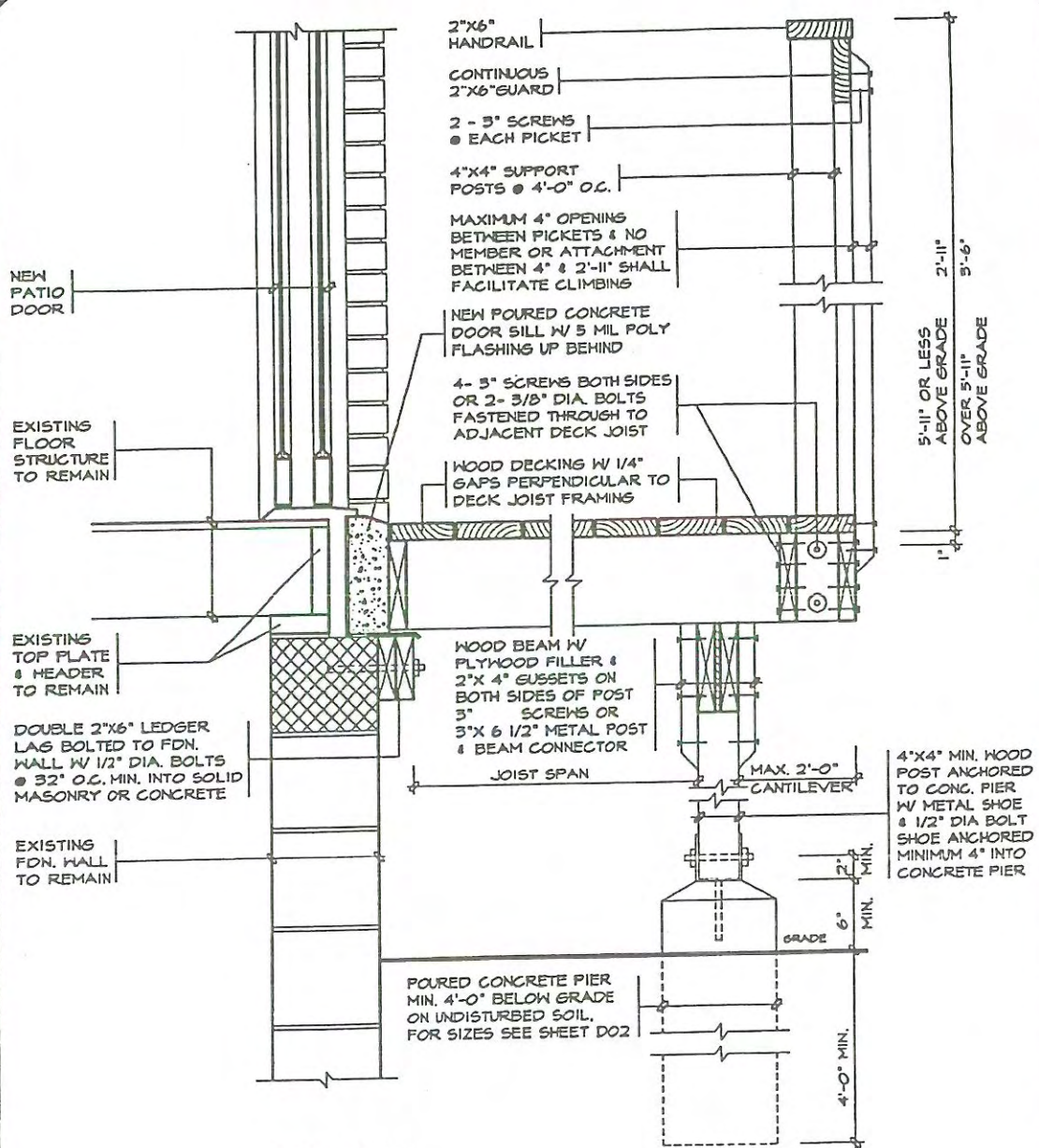
A pier and beam sizing chart is included on the attached generic drawing, use of the chart requires that you decide on the joist size first. Joist sizes are determined by the span to be used and how close they are spaced.

Maximum Spans for deck joists, #1&2 grade spruce, pine, fir

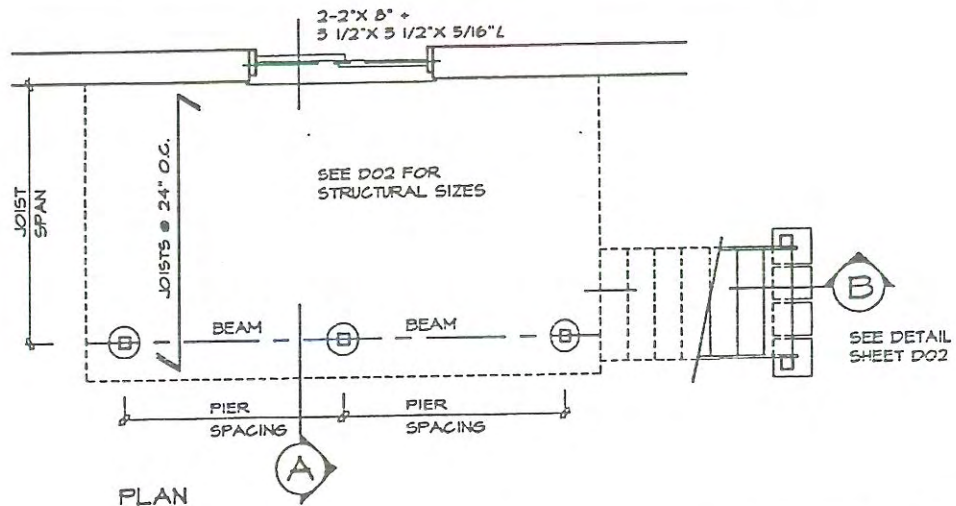
	12" on centre	16" on centre	24" on centre
2"X4"	6.10 feet	5.64	5.18
2"X6"	9.58 feet	8.89	8.16
2"X6"	11.61 feet	11.02	10.5
2"X10"	13.68 feet	12.99	12.37







SECTION 'A'



WOOD DECK

PLAN & SECTION

PERMIT APPLICATION NO.

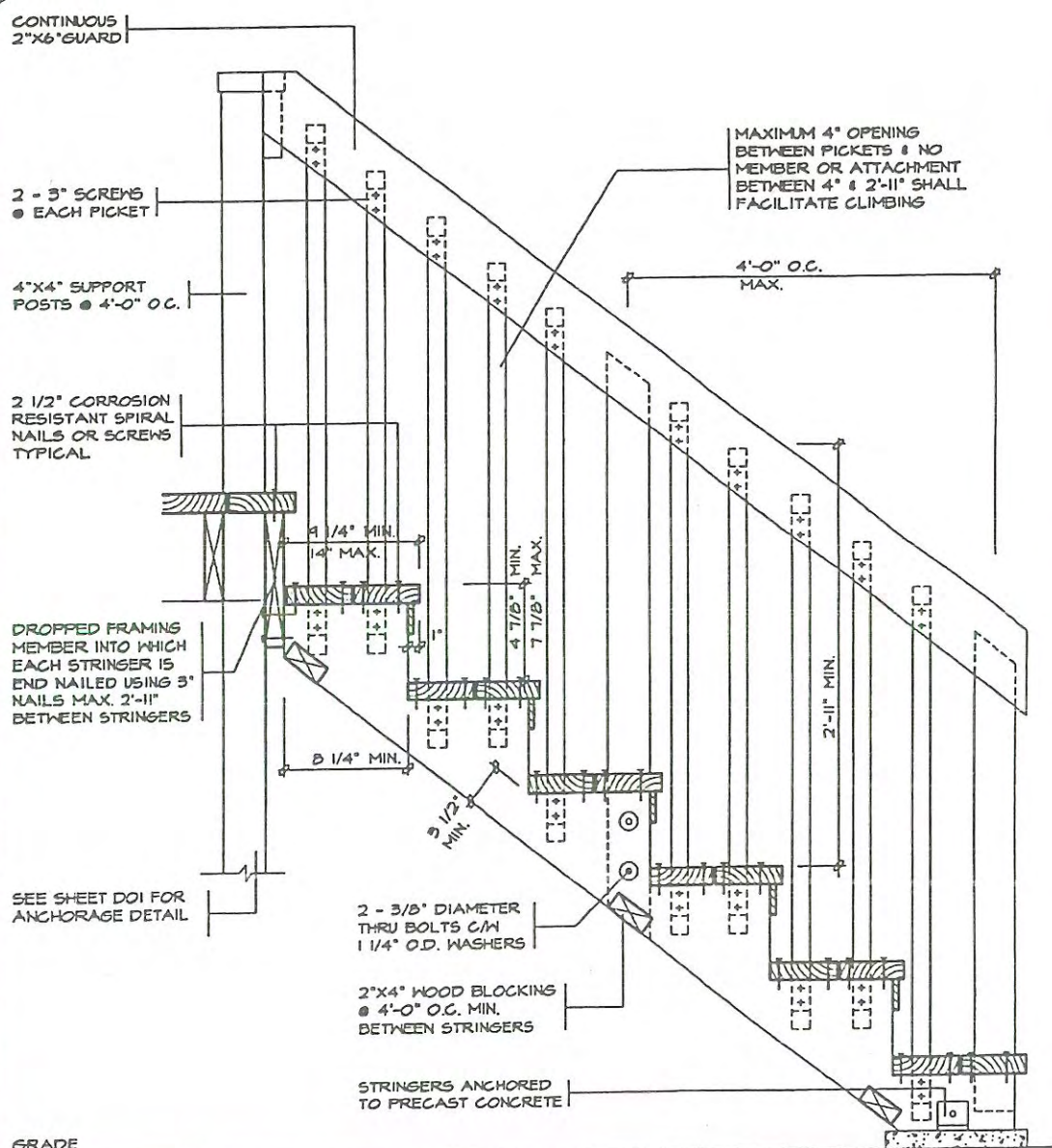
REVIEWED BY:

DATE:

DWG. NO.

D01

07-98



## SECTION 'B'

### GENERAL NOTES

1. SITE PLAN OR SURVEY IS REQUIRED SHOWING ALL LOT LINES & DIMENSIONS SIZE & LOCATION OF ALL EXISTING BUILDINGS, LOCATION & SIZE OF DECK.
2. LUMBER NO. 2 SPF OR BETTER, WOOD POSTS MIN. 4"x4" (SOLID). USE CORROSION RESISTANT SPIRAL NAILS OR SCREWS.
3. DECK IS NOT PERMITTED TO BE SUPPORTED ON BRICK VENEER
4. CONCRETE PIERS SHALL BEAR ON UNDISTURBED SOIL. THE BEARING CAPACITY OF THE SOIL SHALL BE DETERMINED PRIOR TO CONSTRUCTION
5. PROVIDE A HANDRAIL 31"-38" HIGH ON STAIRS IF MORE THAN THREE RISERS. PROVIDE A GUARD ON BOTH SIDES IN ACCORDANCE W THE DETAIL ABOVE WHERE THE STAIR EXCEEDS 6 RISERS.



### WOOD DECK

STAIR SECTION  
NOTES & TABLE

Pier size [mm (in)]				
Pier spacing L/2 + C	1.2 m (4')	1.8 m (6')	2.4 m (8')	3 m (10')
1.2 m (4')	200 (8)	250 (10)	250 (10)	305 (12)
1.8 m (6')	250 (10)	305 (12)	305 (12)	355 (14)
2.4 m (8')	250 (10)	305 (12)	355 (14)	-
3 m (10')	305 (12)	355 (14)	-	-

Beam size [mm (in)]				
Joist size @ 400 mm (16") o.c.	1.2 m (4')	1.8 m (6')	2.4 m (8')	3 m (10')
38 x 140 mm (2 x 6)	2-[38 x 140 (2 x 6)]	2-[38 x 140 (2 x 6)]	2-[38 x 140 (2 x 6)]	2-[38 x 190 (2 x 8)]
38 x 190 mm (2 x 8)	2-[38 x 140 (2 x 6)]	2-[38 x 140 (2 x 6)]	2-[38 x 190 (2 x 8)]	2-[38 x 190 (2 x 8)]
38 x 240 mm (2 x 10)	2-[38 x 140 (2 x 6)]	2-[38 x 190 (2 x 8)]	2-[38 x 240 (2 x 10)]	2-[38 x 305 (2 x 12)]
38 x 305 mm (2 x 12)	2-[38 x 140 (2 x 6)]	2-[38 x 240 (2 x 10)]	2-[38 x 305 (2 x 12)]	-

Note: Joist size and spacing limits the allowable span, L, in the figure above.



# Application for a Permit to Construct or Demolish

This form is authorized under subsection 8(1.1) of the Building Code Act.

For use by Principal Authority			
Application number:		Permit number (if different):	
Date received:		Roll number:	
Application submitted to:     __Laurentian Valley Township, 460 Witt Road, 613-735-6291__			
A. Project information			
Building number, street name		Unit number	Lot/con.
Municipality	Postal code	Plan number/other description	
Project value est. \$		Area of work (m <sup>2</sup> )	
B. Purpose of application			
<input type="checkbox"/> New construction <input type="checkbox"/> Addition to an existing building <input type="checkbox"/> Alteration/repair <input type="checkbox"/> Demolition <input type="checkbox"/> Conditional Permit			
Proposed use of building		Current use of building	
Description of proposed work			
C. Applicant			
Applicant is: <input type="checkbox"/> Owner   or <input type="checkbox"/> Authorized agent of owner			
Last name	First name	Corporation or partnership	
Street address		Unit number	Lot/con.
Municipality	Postal code	Province	E-mail
Telephone number (     )	Fax (     )	Cell number (     )	
D. Owner (if different from applicant)			
Last name	First name	Corporation or partnership	
Street address		Unit number	Lot/con.
Municipality	Postal code	Province	E-mail
Telephone number (     )	Fax (     )	Cell number (     )	



E. Contractor				
Last name		First name	Corporation or partnership (if applicable)	
Street address			Unit number	Lot/con.
Municipality	Postal code	Province	E-mail	
Telephone number (      )	Fax (      )		Cell number (      )	
H. Completeness and compliance with applicable law				
i) This application meets all the requirements of clauses 1.3.1.3 (5) (a) to (d) of Division C of the Building Code (the application is made in the correct form and by the owner or authorized agent, all applicable fields have been completed on the application and required schedules, and all required schedules are submitted).			<input type="checkbox"/> Yes	<input type="checkbox"/> No
ii) This application is accompanied by the plans and specifications prescribed by the applicable by-law, resolution or regulation made under clause 7(1)(b) of the <i>Building Code Act, 1992</i> .			<input type="checkbox"/> Yes	<input type="checkbox"/> No
iii) This application is accompanied by the information and documents prescribed by the applicable by-law, resolution or regulation made under clause 7(1)(b) of the <i>Building Code Act, 1992</i> which enable the chief building official to determine whether the proposed building, construction or demolition will contravene any applicable law.			<input type="checkbox"/> Yes	<input type="checkbox"/> No
iv) The proposed building, construction or demolition will not contravene any applicable law.			<input type="checkbox"/> Yes	<input type="checkbox"/> No
I. Declaration of applicant				
<p>I _____ declare that:</p> <p style="text-align: center;">(print name)</p> <ol style="list-style-type: none"> <li>The information contained in this application, attached schedules, attached plans and specifications, and other attached documentation is true to the best of my knowledge.</li> <li>If the owner is a corporation or partnership, I have the authority to bind the corporation or partnership.</li> </ol> <p>_____</p> <p style="display: flex; justify-content: space-between;"> <span>Date</span> <span>Signature of applicant</span> </p>				

Personal information contained in this form and schedules is collected under the authority of subsection 8(1.1) of the *Building Code Act, 1992*, and will be used in the administration and enforcement of the *Building Code Act, 1992*. Questions about the collection of personal information may be addressed to: a) the Chief Building Official of the municipality or upper-tier municipality to which this application is being made, or, b) the inspector having the powers and duties of a chief building official in relation to sewage systems or plumbing for an upper-tier municipality, board of health or conservation authority to whom this application is made, or, c) Director, Building and Development Branch, Ministry of Municipal Affairs and Housing 777 Bay St., 2nd Floor. Toronto, M5G 2E5 (416) 585-6666.