



Township of Woolwich Deck Information Guide

When is a building permit required for a deck?

- A building permit is required for all decks regardless of the height above finished grade.
- A permit is also required if structural renovations will be made to existing decks.

Drawing requirements for a building permit application

1. A copy of the property survey or site plan of your lot
 - Please draw on location of deck with dimensions to lot lines
2. Deck drawings (Building centre drawings or hand drawn to scale and dimensioned)
 - Plan view showing posts, floor joists, beams, stairs, landings, etc.
 - Side view showing height of deck and guard

Guard/Railings

The Ontario Building Code permits the installation of wood guards/railings. Should you plan on installing anything other than a wood guard/railing, please submit a copy of the engineered guard/railing details with your building permit application. Typically you can receive this package of details from the supplier.

Where to apply for a Building Permit

To apply for a building permit please bring all required drawings to the Township of Woolwich Administration Building located at 24 Church Street West, Elmira.

Cost of a Building Permit for a Deck

The cost of the permit is \$60.00, we accept cash, cheque or debit as methods of payment. This includes the review of drawings, the building permit and building inspections.

Timeframe

Once a complete permit application is made the permit will be reviewed and issued within a maximum of 10 business days.

Required Building Inspection

Building inspections are booked through the Building Department and must be booked 48 hours in advance. Information needed when booking an inspection is: your permit number, address of the property, inspection you are requesting, and the date you wish an inspector to come. Required inspections include:

- Excavation/Footing Inspection – once the holes/piers have been dug, but prior to concrete being poured.
- Structural wood frame inspection – once the framing is complete (posts, beams, joists)
- Final building inspection – when deck and guard/railing are complete

Important Numbers to Know/Any Questions?

For building permit inquiries:

Rae Bauman
Phone: 519-669-6042
Email: rbauman@woolwich.ca
Web: <http://www.woolwich.ca/en/index/asp>

For booking inspections:

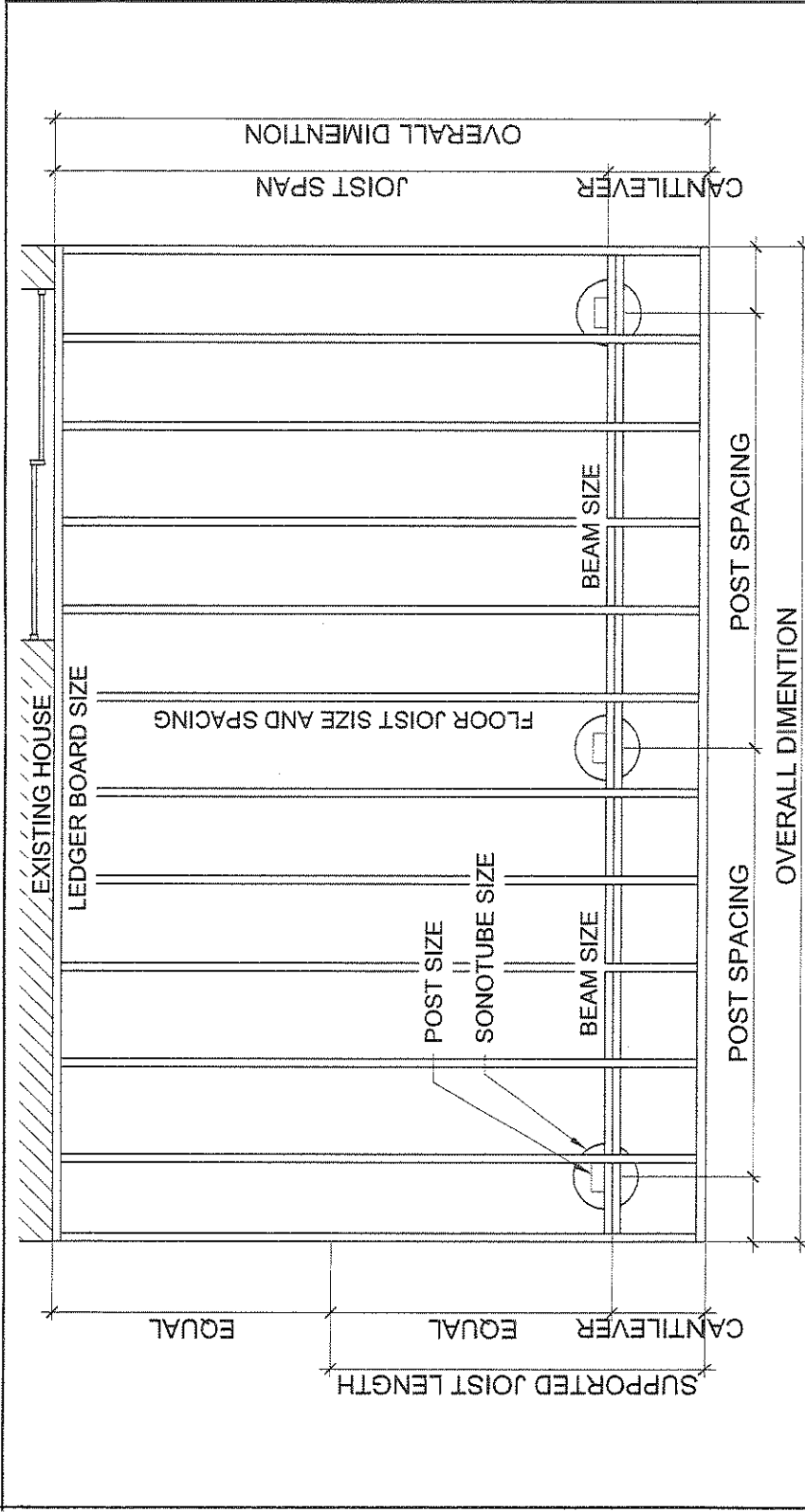
Phone: 519-669-1647, ext. 6035 or 6036

Office Hours

Monday to Friday from 9:00am – 5:00pm

Locate Request

- Ontario One Call (Natural Gas and Bell locates) 1-800-400-2255
- Note: Waterloo North Hydro (519-886-5090), Rogers Cable (1-800-738-7893) and Water & Sewer (519-669-6045) must be called separately.



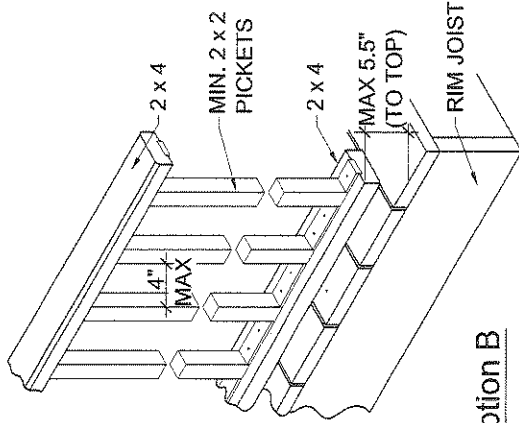
Deck Layout

**All decking is to be 5/4 x 6 wood material or approved equal

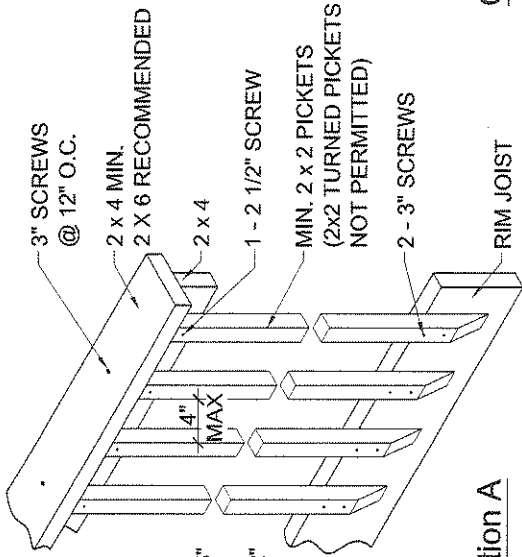
Maximum 2-Ply Beam Length		
Supported Joist Length	2 x 8	2 x 10
4'-0"	11'-7"	14'-10"
6'-0"	9'-10"	12'-1"
8'-0"	8'-7"	10'-6"
10'-0"	7'-8"	9'-4"
Maximum 3-Ply Beam Length		
8'-0"	10'-8"	13'-0"
10'-0"	9'-6"	11'-8"

Maximum Floor Joist Length		
Joist Size	Max. Span	Max. Cantilever
2x8 @ 12" O.C.	12'-6"	20"
2x8 @ 16" O.C.	11'-9"	16"
2x8 @ 24" O.C.	11'-0"	14"
2x10 @ 12" O.C.	14'-6"	28"
2x10 @ 16" O.C.	13'-8"	24"
2x10 @ 24" O.C.	12'-10"	20"
2x12 @ 12" O.C.	16'-5"	28"
2x12 @ 16" O.C.	15'-6"	24"
2x12 @ 24" O.C.	14'-6"	20"

NOTE: ANYTHING OTHER THAN A WOOD GAIRD/RAILING, PLEASE SUBMIT A COPY OF THE PRE-ENGINEERED GAIRD/RAILING DETAILS WITH YOUR BUILDING APPLICATION.



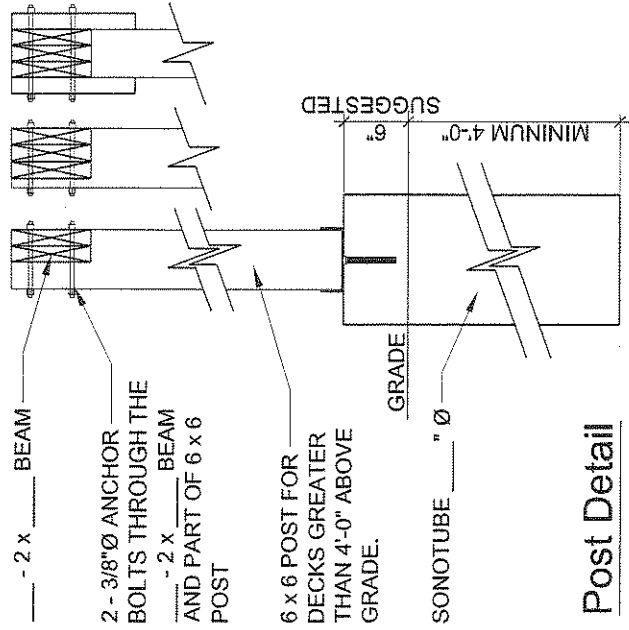
Option B



Option A

MIN. GUARD HEIGHT WITH DECK:
 - 5'-11" OR LESS ABOVE GROUND = 35"
 - MORE THAN 5'-11" ABOVE GROUND = 42"

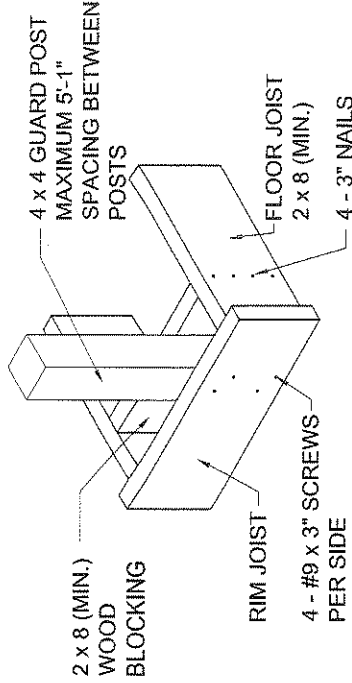
Guard Details



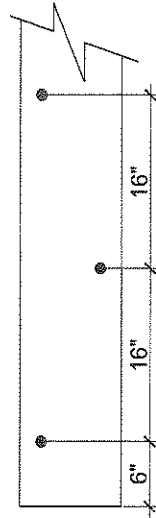
Post Detail

**SOLID BLOCKING REQUIRED FOR BEAMS @ 18" O.C.

**ADDITIONAL LATERAL BRACING MAY BE REQUIRED. CONFIRM WITH BUILDING INSPECTOR @ FRAMING INSPECTION.

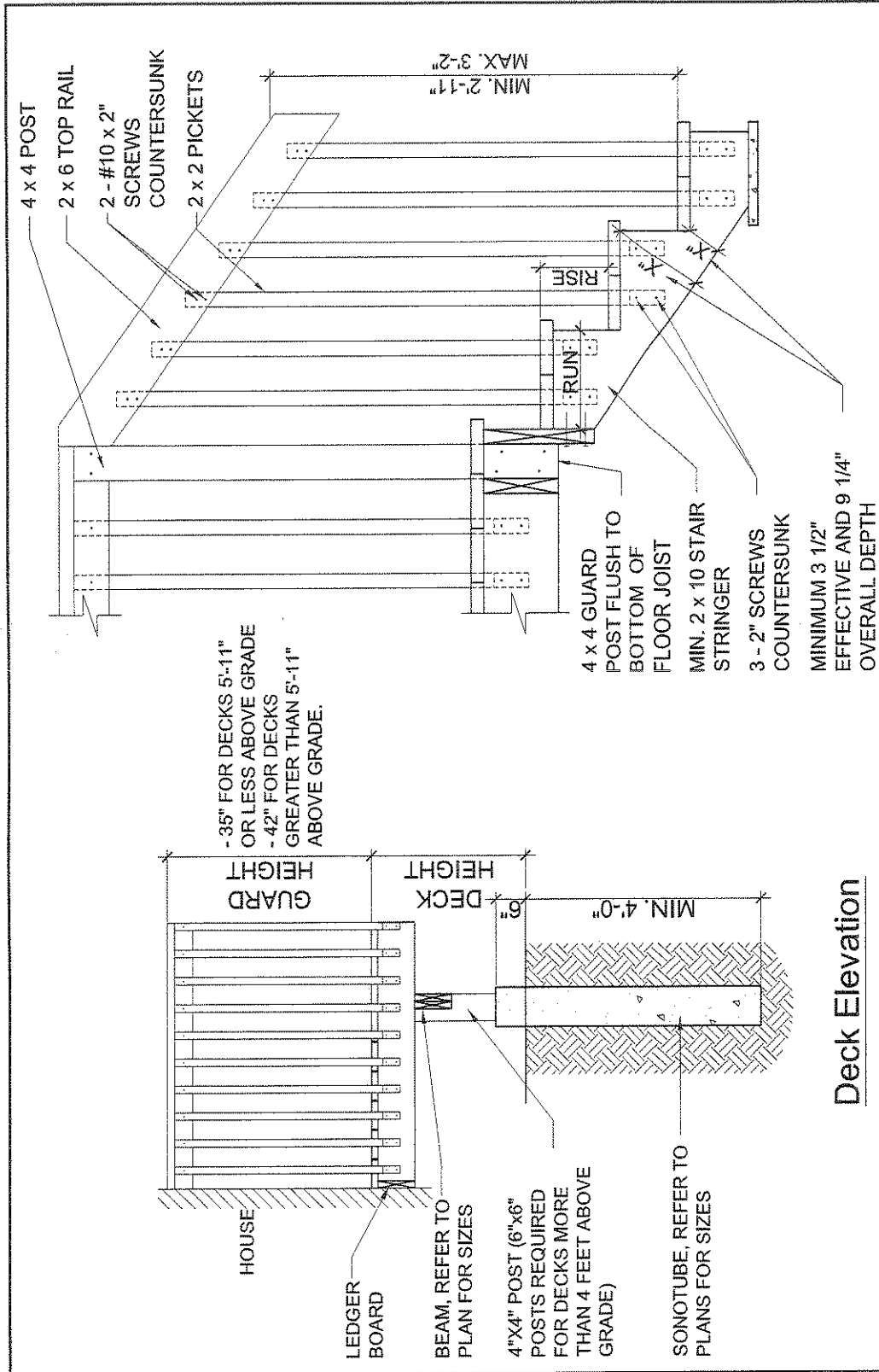


Guard Post Detail



Ledger Board Detail

MINIMUM 3/8" Ø ANCHOR BOLTS @ 16" CENTRES STAGGERED. ANCHOR BOLTS MUST BE INTO WOOD FRAMING OR FOUNDATION WALL. DO NOT SECURE INTO BRICK VENEER ALONE.



Deck Elevation

Stair Detail

Sonotube Sizes	
Diameter	*Weight
8"Ø	1047 lbs
10"Ø	1635 lbs
12"Ø	2355 lbs
14"Ø	3207 lbs
16"Ø	4189 lbs

*Weight = (supported joist length each side of post x half beam length each side of post) x 40 lbs/SF

Stair Dimensions		
Type	Max.	Min.
Rise	7 7/8"	4 7/8"
Run	14"	8 1/4"
Tread	14"	9 1/4"

max 1" nosing