

BUILDING INSPECTION POLICY

- Please note Town-approved drawings are required to be on site for all inspections
- Truss and beam documents are to be available on site for framing inspections
- All other site documents can be emailed to ds@ladysmith.ca

REQUESTING AN INSPECTION

Inspections can be requested by contacting ds@ladysmith.ca (with at least 48 hours' notice.) Please provide **address** and **type of inspection** required. No work is to be covered until approved by the Building Inspector. Inspection requests for a specified time may not be accommodated.

FOUNDATION INSPECTION

After the forms for footings and/or foundations are complete, and after having obtained a form check survey certificate from a registered British Columbia Land Surveyor as to their location in relation to parcel boundaries, but prior to placing any concrete therein. Engineered foundation forms and reinforcement steel are to be inspected after the Structural Engineer has approved them. A copy of the Engineer's inspection report is to be given to the Building Inspector.

PERIMETER DRAIN AND RAIN WATER LEADER INSPECTION

After removal of formwork from a concrete foundation and installation of perimeter drain pipe and dampproofing but prior to backfilling against the foundation. A separate system is required for roof leaders.

UNDERSLAB RADON PIPING, POLY AND INSULATION INSPECTION

After granular base materials or alternatives, and if applicable, reinforcing steel has been placed for the installation of a concrete floor slab but prior to placing of concrete. Underslab insulation is to be installed complete with 6 mil poly. All joints are to be sealed with approved sealants and/or tape. All underslab radon piping shall be installed. **Call for inspection prior to placing of a slab on grade or skim coats in any crawl space.**

FIRELINE INSPECTION

The fireline for sprinkler systems must be complete and visible for inspection. The required 200 psi hydrostatic test is to be verified as part of this inspection. Flushing and testing shall be done, to the NFPA 13 Standard.

UNDERSLAB PLUMBING INSPECTION

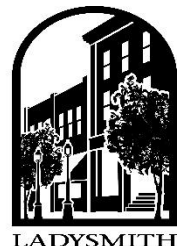
Complete all underslab plumbing and leave visible for inspection. The piping can be weighted down to keep from floating; however, all fittings must be visible, along with enough pipe from each branch, to check slope. The sanitary piping shall be filled with water. Bedding sand shall be on site and compacted under installed pipes. Water lines shall be sleeved through the slab. Any installs completed by a certified plumber must sign a Plumbers Declaration. A minimum of 3" of ground cover is required on piping before pouring the concrete slab. Piping shall be under test with a minimum 10' head pressure.

SEWER, STORM, WATER SERVICING CONNECTION INSPECTIONS

Pipe and connections must be complete and visible for inspection. Bedding sand shall be on site and compacted under installed pipes. All rocks and debris must be removed before inspection. Cleanouts shall be installed within 900 mm from building.

CHIMNEY INSPECTION

Masonry fireplaces and chimneys are to be inspected at the footing, smoke shelf and breaching stages, and at completion. Factory-built fireplaces and chimneys are to be inspected while all components and clearances are visible and at completion. A WETT (Wood Energy Technology Transfer) certified installer will be required to provide written confirmation at the final inspection that factory-built chimney and wood-burning appliance installations meet current applicable regulations.



LATERAL BRACING INSPECTION

Inspection of the nailing of exterior sheathing prior to the installation of sheathing membranes. All nailing and blocking associated with braced wall panels to be completed for this inspection. The nailing of floor systems to sill plate or top plates will be inspected. Splices in braced wall bands and in walls perpendicular to orthogonal setback walls must be nailed from below to allow for inspection. Wood-based interior braced wall panels to be sheathed. Insulation installation may need to be reviewed in party walls prior to this inspection as it may be covered. Exterior braced wall panel locations to be clearly marked out on the interior and exterior. Interior braced wall panels to be clearly marked so their location can be seen and **all fasteners must be visible.**

 ROUGH-IN PLUMBING INSPECTION

Rough-in plumbing must be complete, including potable water piping. Houses require crawlspaces to be dry for inspection. Domestic water lines shall be pressure tested to 200 psi and the drain/waste/vent (DWV) system shall be water tested. The tub/shower traps are to be tested with the DWV system. Tubs are to be tested with the sanitary drainage system. Any installs completed by a certified plumber must sign a Plumbers Declaration. Radon piping shall be visible and labelled. Steel shield plates, intumescent collars in fire separations, exterior exhaust locations, piping insulation and clearances must be inspected for the entire Radon system.

 ROUGH-IN SPRINKLER INSPECTION

Rough-in sprinkler system must be complete and visible for inspection. All applicable frost protection must be installed. All systems shall be tested to NFPA 13 Standard for the Installation of Sprinkler Systems. Hydrostatic tests shall conform to NFPA at not less than 200 psi for 2 hours on any system that is new, modified, or repaired. Approved plans must be on site.

 FRAMING INSPECTION

When framing and sheathing of the building are complete, including firestopping, bracing, chimney duct work, plumbing, gas venting, wiring, but before any insulation, or other interior or exterior finish is applied which would conceal such work. The building must be weather-tight prior to booking the framing inspection. Approved plans, sealed beam and truss certificates (with layout) and a sealed survey certificate must be on site for the framing inspection. If changes to the plans are required, your Building Inspector must approve them before the framing inspection is requested. No insulation or wall finishes are to be placed (except behind bathtubs, showers, and factory-built fireplaces) until framing is approved or permission is granted by your Inspector. Mechanical Ventilation Checklists must be submitted to the Building Inspector.

 INSULATION INSPECTION

Insulation and vapour barrier are to be complete prior to inspection. All fire-stopping to be reviewed prior to covering. No drywall may be placed (except for fire stops) prior to approval of insulation. All fan ducts must be connected and terminate at the exterior. If spray foam is used, 24 hours must pass before an inspection can be performed. Spray foam notice to be posted at the front of the building where it can be reviewed prior to entry. Spray Foam Daily Work Logs are required prior to approval of the insulation. **Suites: All rez-bar to be installed on suite separation walls and ceilings prior to insulation inspection being completed.**

 SPRINKLER FINAL

The sprinkler system shall be complete and operating as intended. All required acceptance tests must be done to the NFPA 13 Standard. The backflow test shall be completed. Approved plans must be on site, along with the Engineer's report.

 OCCUPANCY AND FINAL INSPECTIONS

This inspection must be passed before the building may be occupied. The exterior of the building must be complete, including all stairs, decks, handrails, porches, piping exhausts and exterior finish. Address numbers, including those for secondary suites, must be posted, and the interior must meet all health and safety requirements. Final site grading is to be complete. Driveway to be complete. The building must not be occupied until final occupancy is approved. Schedule C-B's to be submitted to your Building Inspector.

