



Retaining Wall Permit Check Sheet

WE ARE PROVIDING THIS CHECK SHEET TO ASSIST YOU WHEN APPLYING FOR A PERMIT TO CONSTRUCT A RETAINING WALL. A RETAINING WALL IS DEFINED AS ANY STRUCTURE OVER 0.5m IN HEIGHT AT ANY POINT ALONG ITS LENGTH.

You will require the following in order to apply for a retaining wall permit:

- 2 site plans (in metric) showing wall location(s), length of wall, top of wall and bottom of wall elevations at various points along its length (this must include the highest point along the wall to ensure compliance with our Zoning Bylaw), distance between consecutive tiers of walls, distance from any property lines, and the location of any storm water/rainwater infiltration systems.
- Walls over 1.0m or tiered walls less than 3.0m apart will require 2 copies of a sealed wall design supplied by a structural and/or geotechnical engineer plus copies of liability insurance and Schedule B.
- For walls located on properties with a geotechnical covenant registered against it or on properties that may have geotechnical concerns we will require 2 copies of a wall design provided by a structural engineer with sign off from a geotechnical engineer. Each Professional must supply copies of liability insurance and Schedule B.
- For older subdivisions and last lot construction, revised grading plans will not be required.
- If the retaining wall is identified on the site plan of an active building permit the above information is applicable. Any additional walls not shown on the site plan will require you to apply for a separate retaining wall permit. Revisions to the building permit are only for minor relocations to previously permitted walls.

DESIGN INFORMATION

- Walls are only permitted to be a maximum of 1.2m in height and must be under the retaining wall grade line as defined in the Zoning Bylaw.
- Proper drainage must be provided either through drain tile or free-draining material and be connected or directed to a drainage system.
- The use of cast in place concrete or concrete block type construction is the preferred and in certain cases (i.e. accessibility issues and foundation support) the only type of wall construction permitted. Please see specific design criteria for wood walls.
- Unless previously approved on the lot grading plan or with written approval from the District of Maple Ridge Engineering Department, walls shall not be permitted to be installed on, over, under or within any easements or Rights of Ways that the District of Maple Ridge is a party to.
- Under no circumstance will the tie back structures for a retaining wall be permitted to encroach into or cross over property lines. Wall locations are to be checked under a grading inspection to ensure correct placement on a lot as dictated by Building Bylaw, the lot grading plan or a Building Inspector.
- Guard rails will be required adjacent to walking surfaces and may be required elsewhere on the property. This would be determined in a site inspection with a building inspector.
- Please see the attached sample site plan

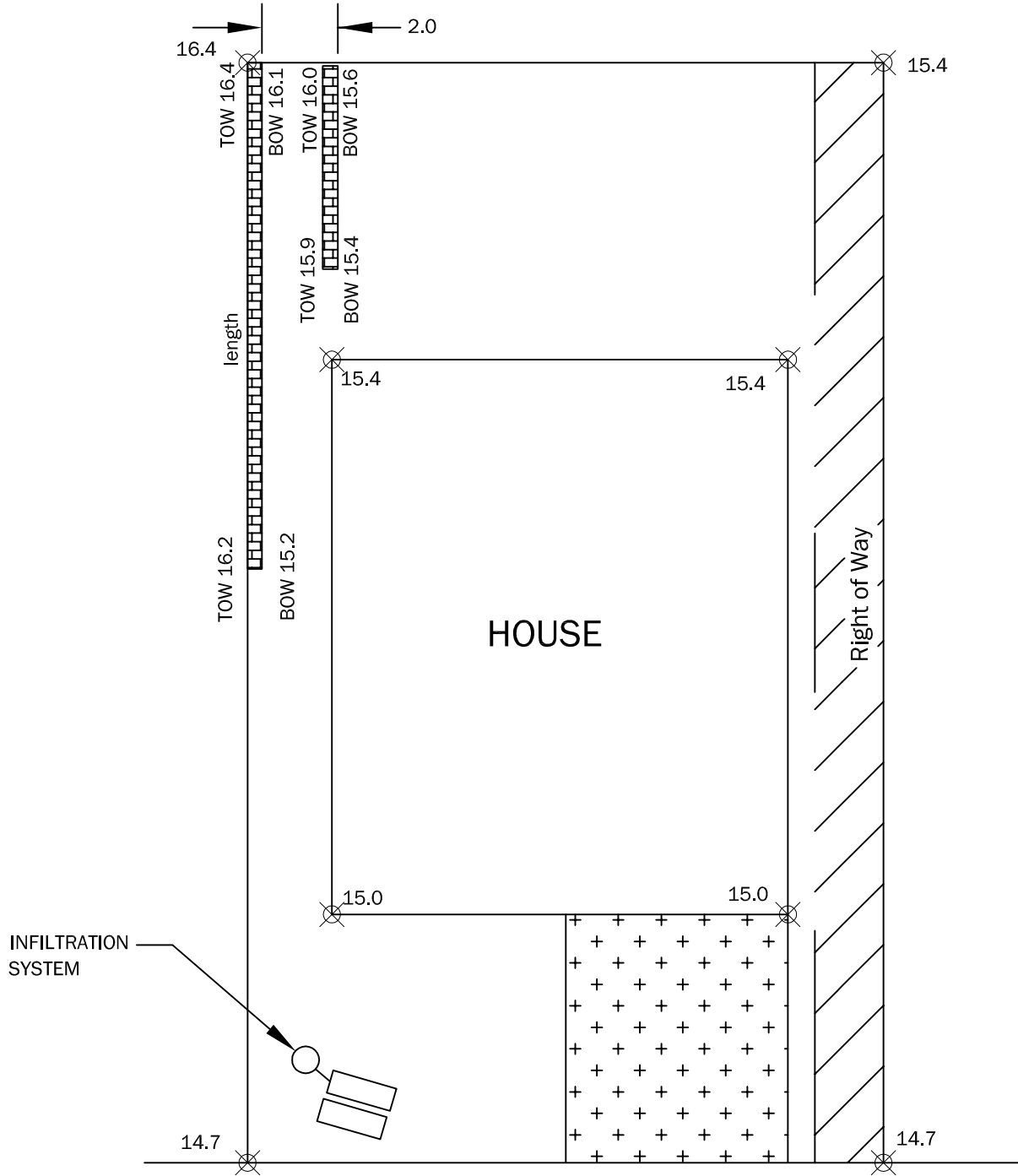


Retaining Wall Check Sheet Con't

Wood Walls:

- Wood walls must be treated in accordance with the CSA Standard CSA 080.1 "Preservative Treatment of All Timber Products by Pressure Processes" (Sentence 9.3.2.9.(5) of the 2006 BC Building Code) if the wall is between properties at or within a distance equal to the height of the retaining wall from property lines plus 1.0 metre, or supporting driveways, walkways, sidewalks or any other method used to provide or gain access to or from a dwelling unit, suite or accessory structure.
- The minimum permitted size for wood used in retaining walls must be 150mm x 150mm (6" x 6") actual dimension
- A certificate of treatment will be required on site prior to sign off on retaining wall permits. Should the retaining walls be included as part of the main dwelling permit then this certification must be provided prior to the issuance of a provisional occupancy and/or final occupancy.

ALL ELEVATIONS ARE TO BE METRIC



SCALE:
NTS

SAMPLE RETAINING WALL
SITE PLAN



CORPORATION OF THE
DISTRICT OF MAPLE RIDGE
BUILDING DEPARTMENT

DRAWN BY:

DATE: SEPT. 8/10

FILE: