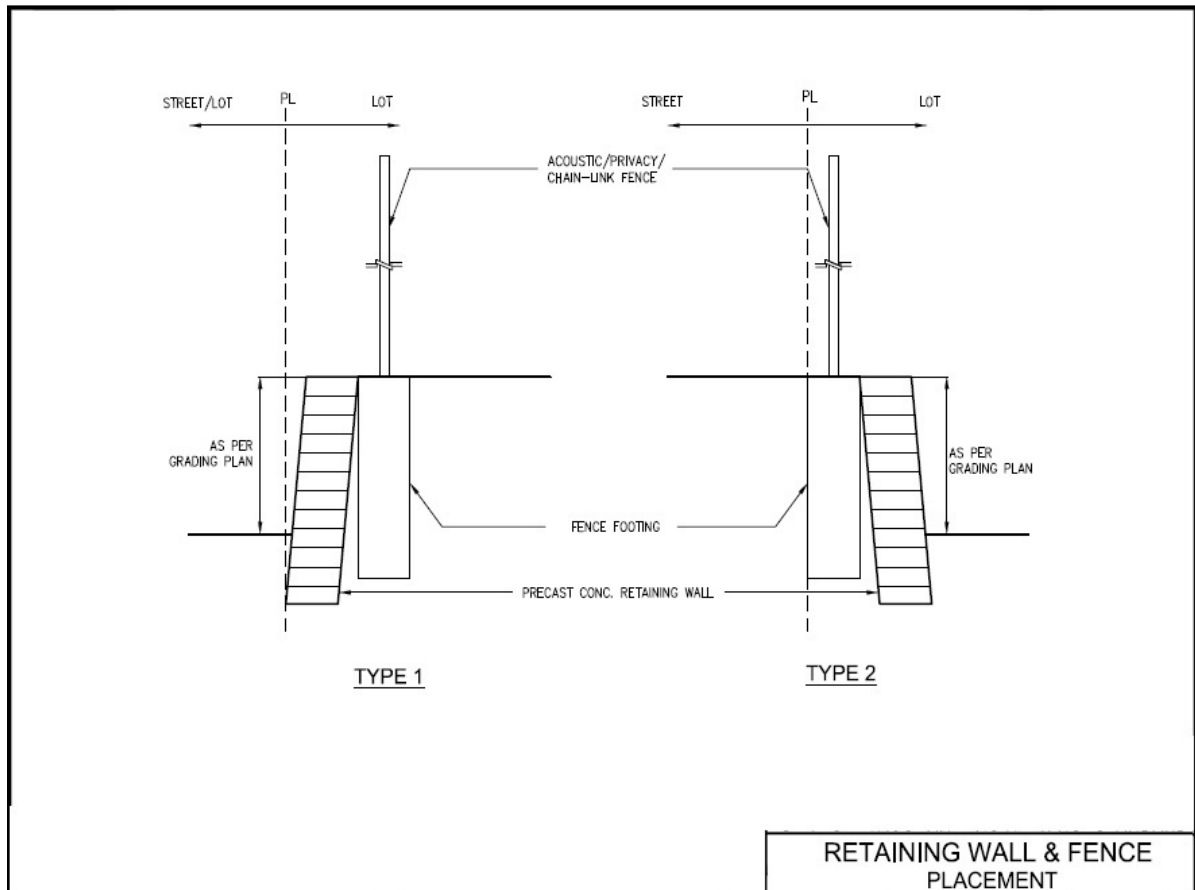


2.4 Retaining Walls

For the purposes of this section, the height (h) of a retaining wall shall be measured from the finished ground level to the highest point of the wall and, if the height on one side of the wall is different from the height on the other side, the greater of the two will apply.

2.4.1.1 (a) All retaining walls are to be located on the higher side of the property wherever possible.



- 2.4.1.1 (b) Retaining walls greater than 600 mm in height are **discouraged** but will be reviewed only when the overall grading design warrants such grading differentials. (All retaining walls shall be reduced to 600 mm in height where required and be acceptable to the City).
- 2.4.1.1 (c) If a retaining wall is required, a detailed drawing indicating the design, location, property line, height, tie-backs, etc. shall be submitted for approval. Construction details of retaining walls, including filter fabric and subdrain or alternative drainage, must be noted on both grading control and individual lot grading drawings and approved by the City. Subject to detailed design and review at the building permit stage, retaining walls may be either removed or added to the lot grading plan.
- 2.4.1.1 (d) Retaining walls are not to be constructed of wood materials.
- 2.4.1.1 (e) A minimum setback of 500 mm shall be maintained from retaining wall tiebacks to the foundation of any structure.
- 2.4.1.1 (f) Retaining walls to have guards, fences or other features to be shown to be able to withstand additional force exerted by such features in addition to earth loads for retaining walls higher than 600 mm ($h > 600$ mm) in accordance with the Ontario Building Code.

- 2.4.1.1 (g) For retaining walls of 1 m and higher ($h \geq 1$ m):
 - 2.4.1.1 (g) (i) Must be set back from the nearest property line at least a distance equal to its height.
 - 2.4.1.1 (g) (ii) If adjacent to public property, access to a building, or private property to which the public is admitted, a building permit shall be required (refer to Article 1.1.2.2.(2) of the Ontario Building Code).
 - 2.4.1.1 (g) (iii) Shall be designed, inspected during construction and certified by a Structural Engineer and a Geotechnical Engineer. Certification is to be submitted to the City prior to the release of any financial securities.
- 2.4.1.1 (h) The City of Vaughan shall be notified 48 hours prior to the construction of all retaining walls in order to arrange for inspection.

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