

DATE:

City of Vaughan  
2141 Major Mackenzie Drive  
Vaughan, Ontario  
L6A 1T1

ATTENTION: MANAGER OF DEVELOPMENT INSPECTION & GRADING

RE: NAME OF SUBDIVISION OR PROPERTY ADDRESS  
LOT OR BLOCK.....  
R.P.....  
CONSULTANTS CERTIFICATION - LOT GRADING AND SERVICING

I have reviewed the proposed siting, servicing and grading plan for the above referenced lots and hereby certify that:

1. The proposed grading and appurtenant drainage works comply with sound engineering principles, city standards and schedule 'O' of the subdivision agreement, including but not limited to the following:
  - Driveway slopes are within 2 – 8 % and are min. 1.0m from above ground services.
  - Swale and Slopes around the dwelling are within the given parameters 2% min – 5% max.
  - Top of foundation walls are a min. 0.15m higher than highest grade bordering house.
  - Window wells are installed where min. 0.15m above grade for cladding & window sill is not achievable and are connected to foundation drains.
  - Apron swales are located min. 5m from back of the rear wall of the dwelling.
  - Elevations have been provided at lot corners, swale invert, and internal points.
  - Flow directional arrows are present showing direction of runoff.
  - Above ground services such as road layout, sidewalk, curb, street catchbasins and rear lot catch basins etc. are shown accurately on the plan.
  - A slope maximum of 3:1 shall be used to accommodate any grade differential with a vertical dimension not exceeding 600mm. Where the overall vertical dimension exceeds 600mm a retaining wall has been provided.
  - Retaining walls greater than 1m in height shall be setback equal to their height as per By-law 1-88 as amended. Location of walls and top and bottom spot elevations are shown on the plan.
  - Sanitary and Storm service connections are shown on the plan including elevations at the property line for new connections.
  - Finished first floor, basement slab, under side of footing, sill elevations at entrances and # of risers are shown on the plan.
  - Design ensures max. 4 yards or 750m<sup>2</sup> flow to any rear lot catchbasin.
  - Rear lot catch basins and outlet are located entirely on one lot & 1m clear of property limits.
  - High point on split lot drainage is a minimum of 2.0m behind front downspout location to ensure drainage outlets to street
  - Roof rain water leaders are discharged to the front of dwelling with splash pads. No connection exists to storm sewer, unless approved otherwise. Roof leaders are not permitted to discharge at the back of the property unless architecture does not permit.
  - The proposed water service curb stop is located in the grassed portion of the front yard.
2. The proposed Lot and House corner grades are in conformity with the overall control grading plan approved for this subdivision and will not adversely affect adjacent lands.

3. The proposed building sitting and elevation are compatible with the proposed grading.

Name of Engineering Firm

Signature of Engineer

**PROFESSIONAL ENGINEER'S STAMP**