

HALDIMAND COUNTY

DESIGN CRITERIA

SECTION E ENGINEERING REVIEW FOR DEVELOPMENT ON EXISTING LOTS (SITE PLAN CONTROL)

Revised 2015

E 1.01 SUBMISSION OF ENGINEERING DRAWINGS

After approval of a planning application, and/or in cases where development or redevelopment is proposed for a property that is under site plan control in the applicable Zoning By-law the initial submission of engineering drawings for review by the County's Planning & Development Division, shall contain the following information:

- a) A plan showing the location and extent of the subject lands;
- b) General Plan of Services;
- c) Lot Grading Plan;
- d) Area Rough Grading Plan;
- e) Storm sewer design sheets, if required (typically only for large projects);
- f) Storm Water Management Plan, if required;
- g) Sanitary Design Sheets, if required (typically only for large projects);
- h) Plan and profile drawings;
- i) Electrical Distribution System, Street/Site Lighting (including photometrics plan);
- j) All detail drawings other than the O.P.S. Detail Drawings;
- k) Other calculations necessary to check the design including capacity of outlets;
- l) Independent water pressure/flow testing and associated analysis, if required (typically only for large projects); and
- m)
- n) A copy of a Geo-technical Investigation report prepared by a qualified Soils Consulting Engineer (may not be required on all sites).

The above information will be reviewed by Haldimand County Departments such as Public Works and Planning and Economic Development (Planning and Development Division) and the Conservation Authority where applicable. County comments forwarded to the Consulting Engineer shall be addressed in subsequent submissions and shall be summarized with an itemized response letter to assist in scoping subsequent submission review.

A qualified Consulting Engineer shall complete the design of the electrical distribution system and the street lighting system. This design shall be submitted to Haldimand County Hydro Inc. and the County's Engineering Services Division and shall be approved prior to the final approval of the other engineering drawings.

All streetlighting components (poles, luminaries, lamps, etc.) shall be in accordance with Haldimand County standards. The location of the poles and transformers shall be shown on the General Plan of Services.

Note: Additional information regarding engineering design standards for multiple unit dwellings, commercial, industrial or institutional is included in Section R.