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Topic: **Auger Type Piles (Screw Piles)**

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The use of helical “auger type” piles is accepted as a bearing type product on building applications in the Municipality of Cumberland provided that the piles are supplied and installed by companies who have a valid Evaluation Report by the Canadian Construction Materials Centre (CCMC). Reports are archived at the following web address, <http://www.nrc-cnrc.gc.ca/eng/solutions/advisory/ccmc/evaluations.html>.

These piles are not addressed in the currently adopted National Building Code of Canada (2010), and therefore subject to meeting specific requirements in this jurisdiction as outlined below.

At the application stage and prior to the issuance of a permit, the applicant must submit a detailed drawing presenting all relevant information to the specific installation including the number, spacing and required torque of each pile. The drawing must be approved by a Professional Engineer registered to practice in Nova Scotia and bear their seal and signature.

Alternately, an application may be approved provided it meets the following requirements:

- The details and specifications of the installation meet those on a chart which has been previously submitted by an engineer with the above credentials.
- That the chart and or details have been stamped and signed by the engineer.
- That the engineers submitted information is specific to a type or brand of helical pile and that the CCMC Report for that type is referenced on the previously submitted chart or document.
- The same information is provided as to the spacing, number, and torque of each pile.

Upon completion of the approved installation and prior to an issuance of occupancy, a form must be submitted stating all conditions that were met in the installation of each pile, the date, the installers name both in print and signature and the contractor with whom the installer is employed. The form must provide for the AHJ to accept or reject the data, the date and reason for either.