

MUNICIPALITY OF HURON EAST



Guideline: DRAINAGE FOR RESIDENTIAL PROPERTIES IN URBAN AREAS

1. Clean water or storm water from a roof drain, sub-soil drain or a sump pump pit that is not intended to take water from the surface of a floor, **may be pumped or discharged onto the surface of the ground provided** the landscape directs the water away from any structures and neighboring properties, and directs water to an approved storm water management system over the surface of the ground. Roof drains and conductors must be installed according to the OBC 9.26.18.2.(1) and any surface discharge of water must have no adverse affect on adjacent properties.
2. Clean water or storm water from a roof drain, sub-soil drain or a sump pump pit that is not intended to take water from the surface of a floor **may be pumped into an approved storm water management system either directly into a catch basin or into a drain, provided** such connection is approved by Huron East staff prior to installation and the sump pump discharge line has a back flow device installed to prevent backflow. The backflow valve must be installed in such a location as to allow for maintenance of the valve, and any sump pits must meet the requirements of the OBC 9.14.5.2.(1)&(2)
3. Clean water or storm water from a, roof drain, sub soil drain or a sump pump pit that is not intended to take water off the surface of a floor, **may be discharged directly into an approved storm water management system catch basin provided** such connection is approved by Huron East staff prior to installation and the discharge line has a backflow valve in place that will prevent water backflow from the storm drain. No connection directly to a storm drain will be allowed. The backflow valve must be installed in such a manner as to allow for maintenance of the valve.
4. Note that all floor drains are designated as plumbing fixtures in the Ontario Building Code, must discharge into the sanitary sewer when available and must be installed and inspected under the authority of a plumbing permit by the Huron County Plumbing Inspection Department. Where gravity drainage to a sanitary sewer is not possible, floor drains may be connected to a storm drainage system, dry well, or a drainage ditch provided it conduits only clear water or storm water
5. All garage floors must slope to the exterior to drain liquids directly to the outdoors. (OBC 9.35.2.2.(1). Also, a floor drain is not permitted in a garage floor unless special approval is obtained. An approved oil and grease interceptor may also be required on the drain.
6. Any drainage system, pipe or connection to a drainage system that is located on the Municipality of Huron East property, County of Huron Property, or Ontario Ministry of Transportation property must have the proper approvals from the appropriate authority prior to installation. Failure to obtain proper permission may result in the drain or connection being removed and all costs incurred invoiced to the appropriate landowner.

If you need any assistance in understanding these requirements, please contact the municipal building department at 519-527-0160 at your convenience. We will be pleased to help you.