



TOWN OF WOODWAY

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STORM DETENTION REQUIREMENTS

All Stormwater Detention Facilities must meet Department of Ecology's Stormwater Management Manual for Western Washington design criteria. All design and design calculations shall be prepared and stamped by a civil engineer licensed in the State of Washington.

Pumped Systems

Where determined by the applicant or the Town that a pumped storm system is necessary, the following general requirements shall apply:

1. Footing drains or basement ring drains that do not convey roof or surface storm water may be served by a simplex pump system without automatic alarm and automatic backup power facilities. However, duplex pump systems with automatic alarm and automatic backup power facilities are encouraged.
2. Pumped systems that convey roof drains or other surface drainage shall be served by a duplex pump system with automatic alarm and automatic backup power facilities when Sensitive Areas are involved and/or downstream properties are potentially affected by the site drainage. If no Sensitive Areas or downstream properties are potentially affected and there is evidence that adjacent properties and/or Town right-of-way will not be impacted, the duplex pump system with automatic alarm and automatic backup power facilities requirement may be waived. Duplex pump systems with automatic alarm and automatic backup power facilities are encouraged, however.

Design data submittal for either system shall include pump, motor control, and alarm equipment cut sheets. Automatic backup transfer switching and power diagrams shall be prepared, stamped, and field-tested by an electrical engineer licenses in the State of Washington.