

## **SCHEDULE D**

# **REGULATIONS, STANDARDS AND SPECIFICATIONS FOR THE DESIGN AND INSTALLATION OF WATER SYSTEMS**

This is Schedule D of the City of  
Vernon Subdivision and Development  
Servicing Bylaw No. 3843, 1992

*"Margaret Bailey"*  
City Clerk

**SCHEDULE D – BYLAW NO. 3843**  
*(Bylaw 4515, June 21, 1999)*

**REGULATIONS, STANDARDS AND SPECIFICATIONS FOR THE DESIGN AND  
INSTALLATION OF WATER SYSTEMS**

**1.00 GENERAL DESIGN**

Water Distribution System to be Constructed by Applicant

- 1.01 Where the provisions of applicable RDNO and GVW bylaw(s) require the construction of a water distribution system, the Applicant shall provide a water distribution system and storage facilities including water mains, valves, hydrants, service connections, pump stations and reservoirs consistent with the regulations, standards and specifications set out in the applicable RDNO and GVW bylaw(s). *(Bylaw 5989)*

Approval of Engineering Drawings Required prior to Construction  
*(Bylaw 4515, June 21, 1999)*

- 1.02 Engineering drawings showing detailed design of the necessary works shall be submitted to the City Engineer for approval. Engineering drawings shall also be submitted for approval to the regional Public Health Engineer of the Ministry of Health of the Province of British Columbia. The Ministry of Health's Final Certificate shall be submitted to the City Engineer prior to construction of any water system. No construction shall commence until the engineering drawings have been approved by the City Engineer and Ministry of Health. These drawings shall show alignment, size, *grade* and depths of pipes, pipe bedding requirements, existing ground line and proposed final ground line over the pipe, location, *elevation* and detail of all fittings, valves and hydrants, location of all service connections, location, access to, size and details of any pump stations and reservoirs, all easements and all such other details as may be required. Where a water system is not yet available, rights-of-way may be required to be provided by the Applicant to allow for the eventual installation of this facility. Such rights-of-way shall be registered in favor of the City of Vernon at the Applicant's expense.
- 1.03 Fire hydrant spacing within City boundaries shall adhere to the standards outlined in RDNO bylaw #2650 B.11, 2.a and 2.b. *(Bylaw 5989)*

Compliance with the Standards of Other Authorities *(Bylaw 4515, June 21, 1999)*

- 1.04 Where a subdivision is to be supplied by water from the *North Okanagan Water Authority* or other Water Authority, the Applicant shall comply with all of the specifications of the *Authority*, *in addition to providing a system equivalent to the City system and* provided that offsets and general layout for hydrants and valves shall comply with the minimum requirements this schedule.