



Date: December 17, 2015

Letter of Notice

The Construction Industry, Contractors, Suppliers providing services through-out the Yukon, Building Owners and Home Owners

RE: Requirements for the installation of Oil Burning Equipment and Oil Tanks

We are writing to alert you to some of the changes to the “Building Standards Act” in regards to who can install oil-fired equipment and the Standard CSA B139 Series-15 “Installation code for oil-burning equipment”.

These changes require personnel working on installations of oil-fired equipment including oil tanks be an **“Oil Burner Mechanic”**, and be registered with the Yukon Government in a public registry. Permits will only be issued to those that are listed on the public registry. To be listed on the public registry just bring in a copy of your trade certification and you will be added.

The more significant changes in the Standard CSA B139 Series-15 are as follows;

6.5.5. Oil tanks are required to be on a single pad and sized according to tank capacity, the 2 and 4 pad systems will no longer be accepted. (see **Figure B.16(a)**)

6.6.1. Above-ground tanks may be installed outdoors on an elevated stand, provided that installation is in a geographical area designated by the authority having jurisdiction; the stand has been designed by a professional engineer; the stand is non-combustible and does not need to be provided with fire resistance protection; the stand has been approved by the tank manufacturer to be used with their tank; and safe access has been provided for the operation, servicing and inspection of the tank.

6.6.2. Access to a tank-filling connection located more than 5’ above grade or tank pad shall be provided by concrete or steel steps.

7.3.4. Any outdoor tank or multiple tank installation shall be provided with secondary containment or be of double bottom. No single tank or multiple bottom connect tanks shall exceed 2500L and when multiple tanks are used the total capacity shall not exceed 5000L. When the total capacity of supply tanks exceeds 2500L and serves only a single supply line, this line shall be located at the top of the tanks.

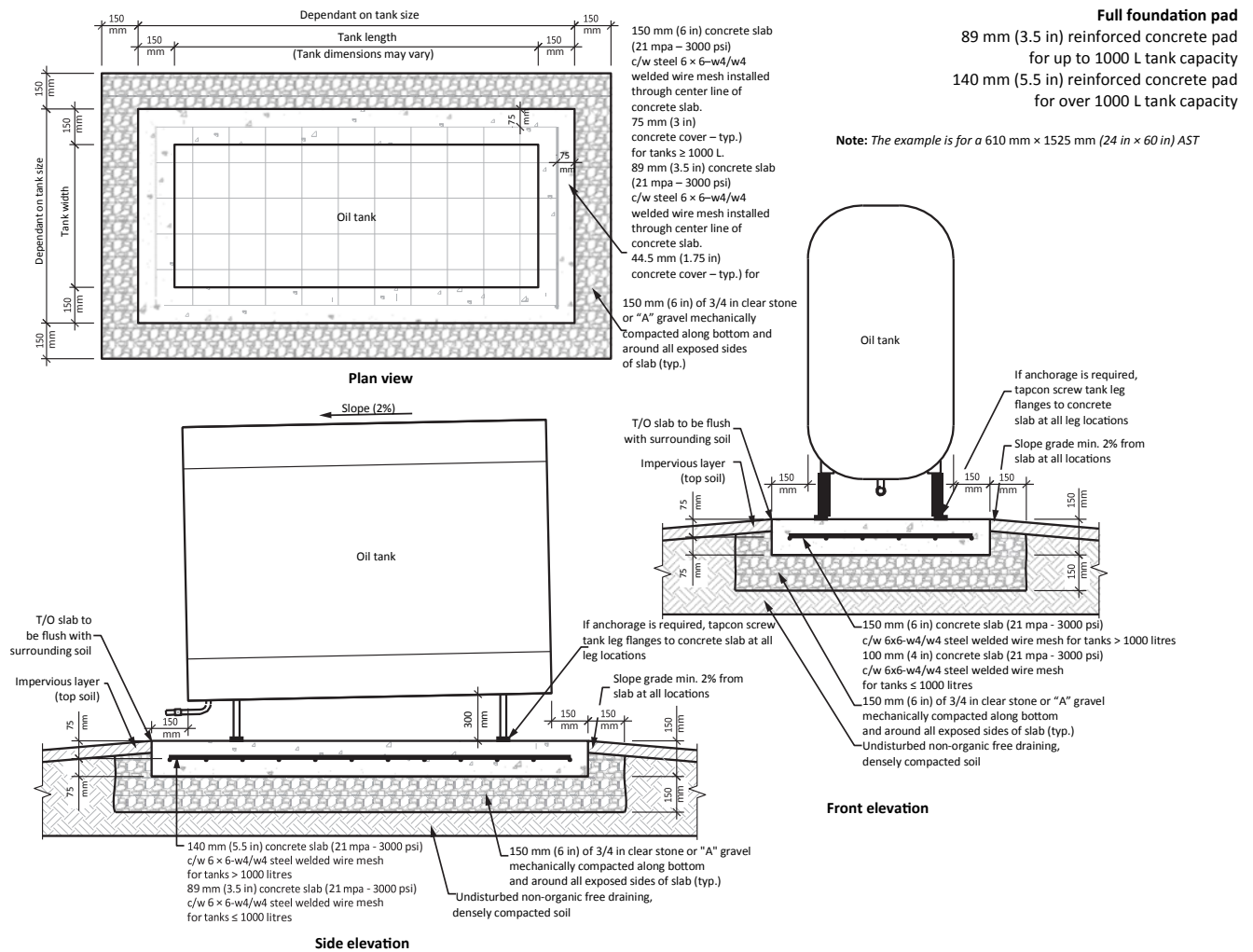


Figure B.16(a)
Outdoor residential tank foundations

(See [Clause 6.5.3](#) of CSA B139.2.)

7.3.5. All outdoor tanks aboveground shall be piped with either a single-line system at the top of the tank with a de-aerator, or standard weight carbon or stainless steel pipe with a minimum nominal diameter of 1 1/4" connected at the bottom of the tank. This steel pipe may transition to copper once it has passed into the building, or it may be a stainless steel flexible line with a minimum diameter of 1" with the provision to transition to copper once the stainless line has passed into the building.

We continue to regulate tanks up to and including 2500 L and combination of tanks with a total capacity of 5000 L. Please contact the Fire Marshal's office for tanks greater than these capacities.

This advisory does not contain all the changes to CSA B139 Series-15 "Installation code for oil-burning equipment but, we hope that it will give you some idea as to the changes to the requirements and recommend the installer acquire a copy of CSA B139 Series-15. (<http://shop.csa.ca/en/canada/fuel-burning-equipment/b139-series-15/inv/27020552015>)



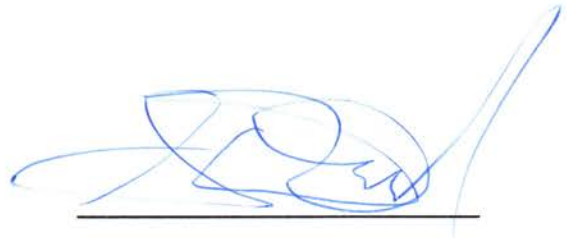
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