

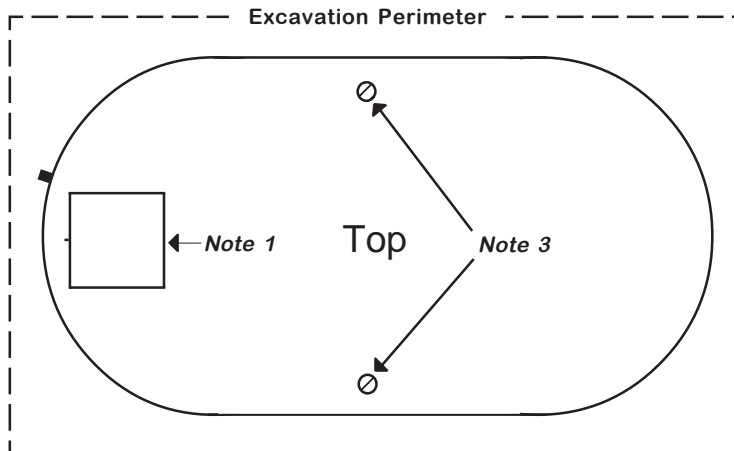
# Winona Concrete & Pipe Products Ltd.

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# Concrete Water Cistern

Date : Mar. 1, 2009  
 Model : **CI-3200 (14,500 Litres)**  
 Capacity: 3,200 Imp. Gallons

Drawings are dimensional (not necessarily to scale) with unit of measure in Inches unless otherwise noted.



## Product information

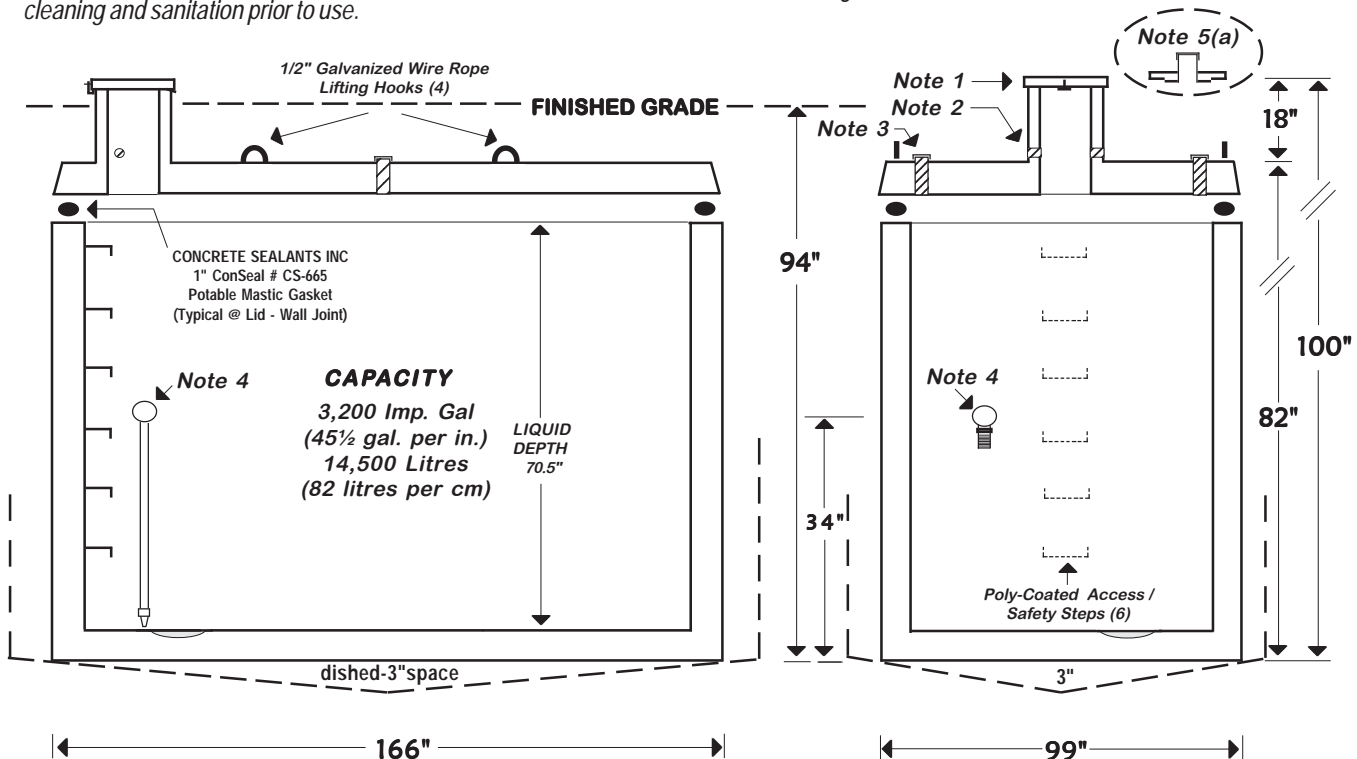
- 1) Access riser extends 18" above cistern surface to facilitate minimum 12" soil cover. Standard "Safe-Water" Stainless Steel Lockable, Drip-Proof, Hinged Riser Lid installed.
- 2) 1-1/4" PVC Coupling (2) pre-installed to facilitate pump & or water level alarm wiring into cistern. Plug(s) supplied should be glued into coupling if conduit not required.
- 3) 4" PVC (IPS) gasketed fittings (2) cast-in place & sealed with Sch 40 PVC caps. Caps removable for piping connections if desired.
- 4) Standard configuration includes one brass thru-tank fitting (1.25"FIPT) cast into tank wall. Sch 40 PVC piping & brass foot valve installed inside tank and brass nipple/elbow with 1-1/4" insert adapter installed outside tank (w/SS clamps provided).  
 Fittings sized for 1" 100 psi CSA Poly Pipe (pipe available upon request).

**RECOMMENDED EXCAVATION: Length 15'- 6"**  
**Width 10'**  
**Depth 7' - 10"**

**IMPORTANT**

- ⇒ Bottom of excavation must be level at perimeter & slightly dished (about 3") to centre. Small granular aggregate should be used for establishing level.
- ⇒ Backfilling may be done once poly pipe is connected to tank & should be done evenly around entire tank. **DO NOT bump tank or drive within excavation area.** Tank may be filled once backfilling is complete.
- ⇒ Cistern is swept clean prior to delivery. However, tank may become dirty during shipping and / or installation. Customer is responsible for final cleaning and sanitation prior to use.

- 5) Available options include:
  - a) Traditional Style Concrete Riser Lid available if "Safe-Water" Stainless Riser Lid configuration **NOT** wanted.
  - b) Submersible pump system for inside cistern installation
  - c) Jet Pump system for in-house set-up
  - d) Water Level Indicator & Low-water alarm
  - e) Ultra-Violet Sterilizers, Reverse Osmosis Purifiers and Water Filtration systems
- 6a) Cement used is Normal Portland type 10 or 30 unless noted otherwise.
- b) Minimum 28-day Concrete Strength: 32 MPA
- c) Design Max Burial Depth (cover) ..... 39"
- d) **Not intended for use in areas of vehicular traffic loading.**



**DRY WEIGHT 24,150 POUNDS**