

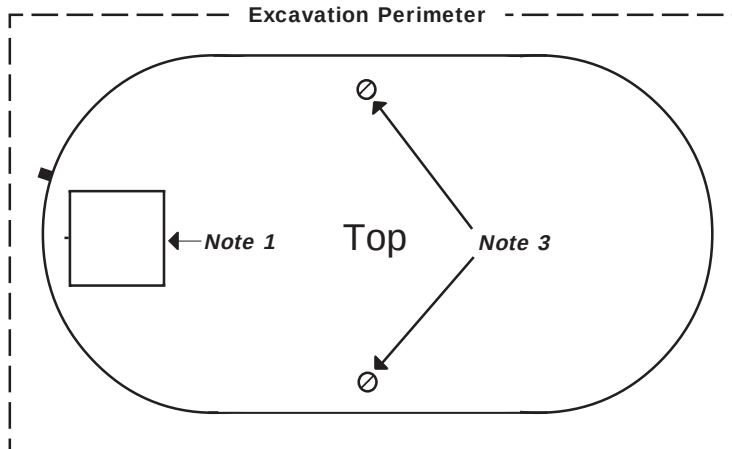
Winona Concrete & Pipe Products Ltd.

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Concrete Water Cistern

Date : Febl. 1, 2009
Model : **CI-1500 (6,900 Litres)**
Capacity: 1,500 Imp. Gallons

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



RECOMMENDED EXCAVATION: Length 12'

IMPORTANT

Width 8'
Depth 6' - 6"

= 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.

Product information

1) Access riser extends 19" 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).

5) Available options include:

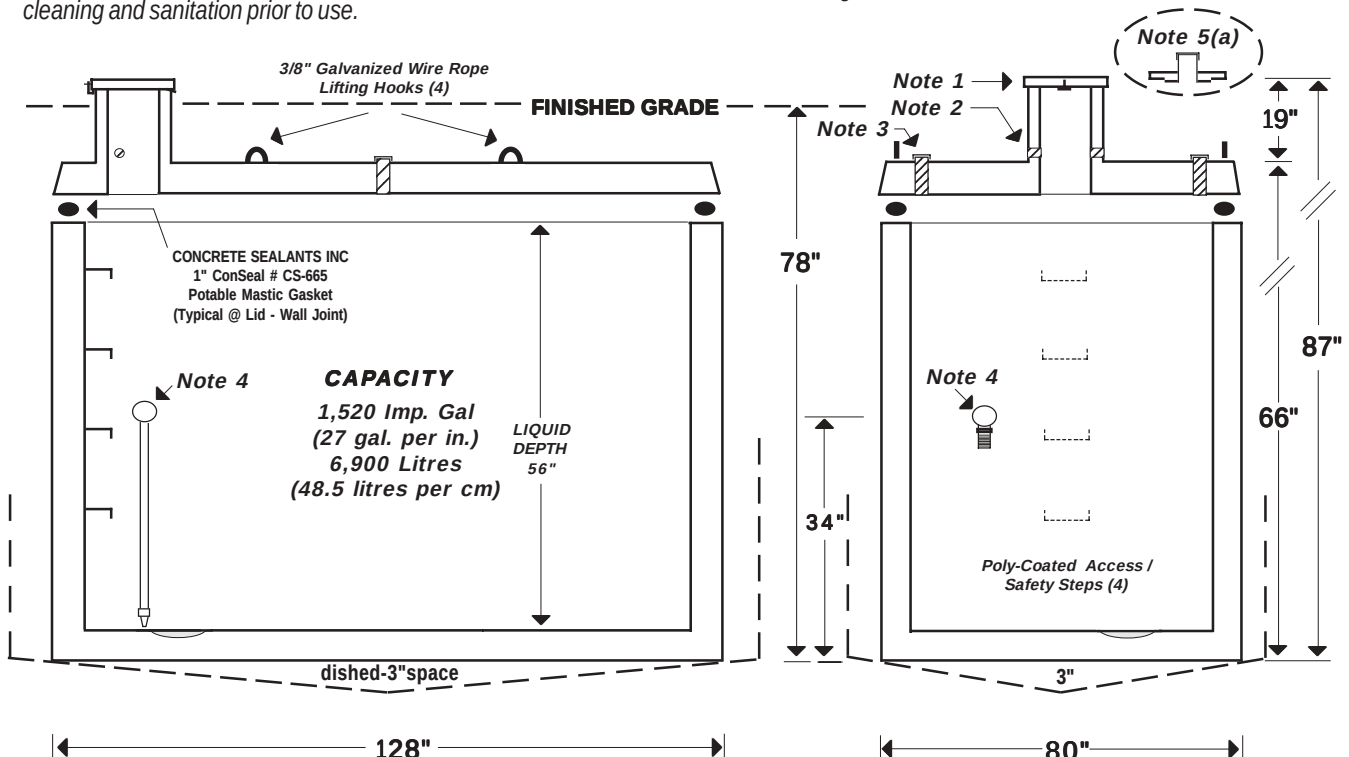
- a) Traditional Style Concrete Riser Lid available if **"Safe-Water"** Stainless Riser Lid configuration **NOT** wanted.
- b) Submersible pump system for inside cistern installation
- c) Jet Pump system for in-house set-up
- d) Water Level Indicator & Low-water alarm
- e) Ultra-Violet Sterilizers, Reverse 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 12,760 POUNDS

FEB09_CI-1500