

# Winona Concrete & Pipe Products Ltd.

489 Main Street West, Grimsby, Ontario L3M 1T4  
Ph. 905-945-8515 Email: info@winonaconcrete.com Fax. 905-945-1149  
Southern Ontario Toll Free 800-361-8515

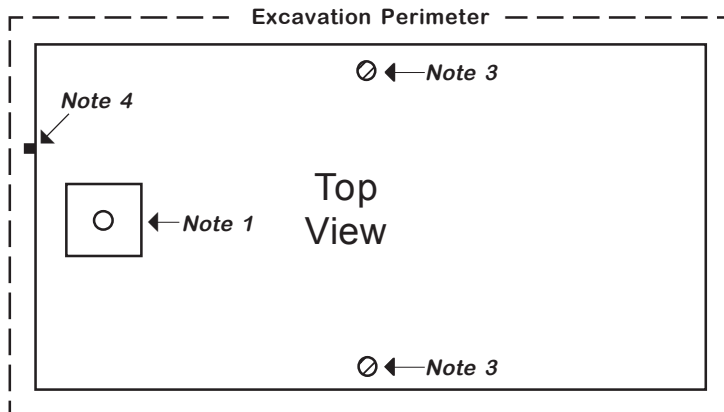
## Concrete Water Cistern

Date : July 13, 2020

Model : CI-4200R

Capacity: 4,200 Imp. Gal. (19,100 L)

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



**RECOMMENDED EXCAVATION: Length 17'6"**

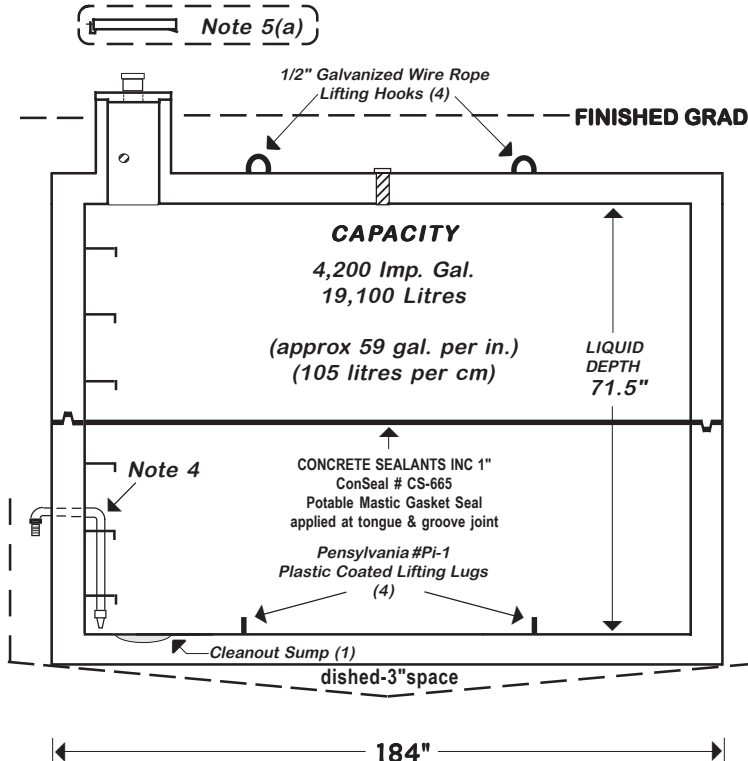
**IMPORTANT**

**Width 10'6"**  
**Depth 7'10"**

➡ Bottom of excavation must be levelled at perimeter using small granular aggregate & **slightly dished** approx. 3" to center.

➡ Backfilling may be done once poly pipe is connected to tank & must 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 riser configuration includes a concrete riser lid with 6" PVC pipe & cap 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 not connected to conduit.

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 1.25" Stnls. thru-tank fitting cast into tank wall, flush each side. Sch 40 PVC piping & brass foot valve installed inside tank and brass nipple/elbow with 1-1/4" brass insert adapter installed outside tank (w/SS clamps provided).

Fittings sized for 1.25" 100 psi CSA Poly Pipe unless specified otherwise ( pipe available upon request ).

5) Available options include:

- a) "Safe-Water" Stainless Steel, Hinged, Lockable, Drip Proof Riser Lid configuration available upon request.
- 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

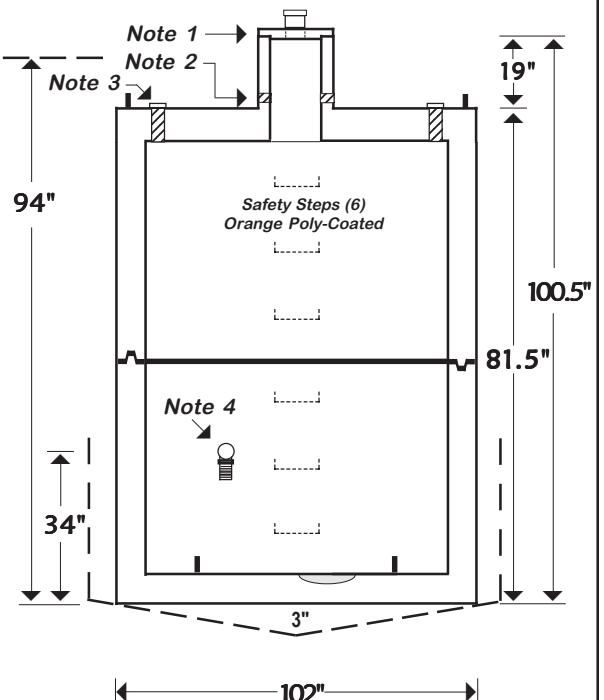
6a) Cement used is Normal Portland type 10 or 30 unless noted otherwise.

b) Minimum 28-day Concrete Strength: 35 MPA

c) Design Max Burial Depth (earth cover) : 39"

d) Tolerances: Capacity & Measurements +/- 3%

e) **Not intended for use in areas of vehicular traffic loading.**



NOTE: This cistern is shipped in two sections & assembled at jobsite

www.winonaconcrete.com

**DRY WEIGHT 31,415 POUNDS**

CI-4200R\_13.07.20