

# Winona Concrete & Pipe Products Ltd.

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# Concrete Water Cistern

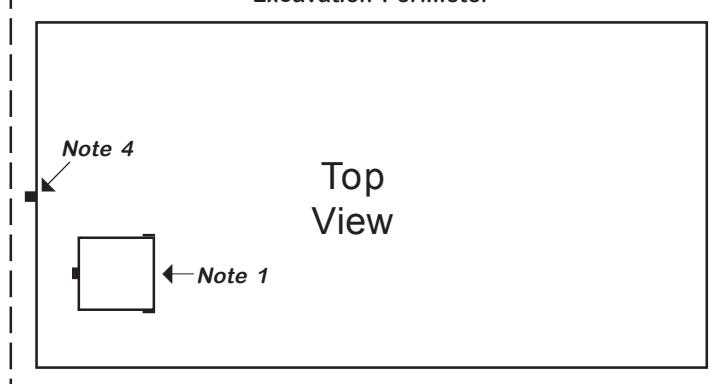
Date : May 1, 2024

Model : CI-6200

Capacity: 6,200 Imp. Gal. (28,200 L)

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

## Excavation Perimeter



**RECOMMENDED EXCAVATION: Length 20'  
**IMPORTANT** Width 12'  
 Depth 8'-11"**

► 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 18" above cistern surface to facilitate minimum 12" soil cover. Standard riser configuration includes a stainless steel, hinged, lockable riser cover (lock provided).

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 fitting (1) cast-in place & sealed with Sch 40 PVC cap. Cap removable for piping connections if desired.

4) Standard configuration includes one 1.25" brass 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:

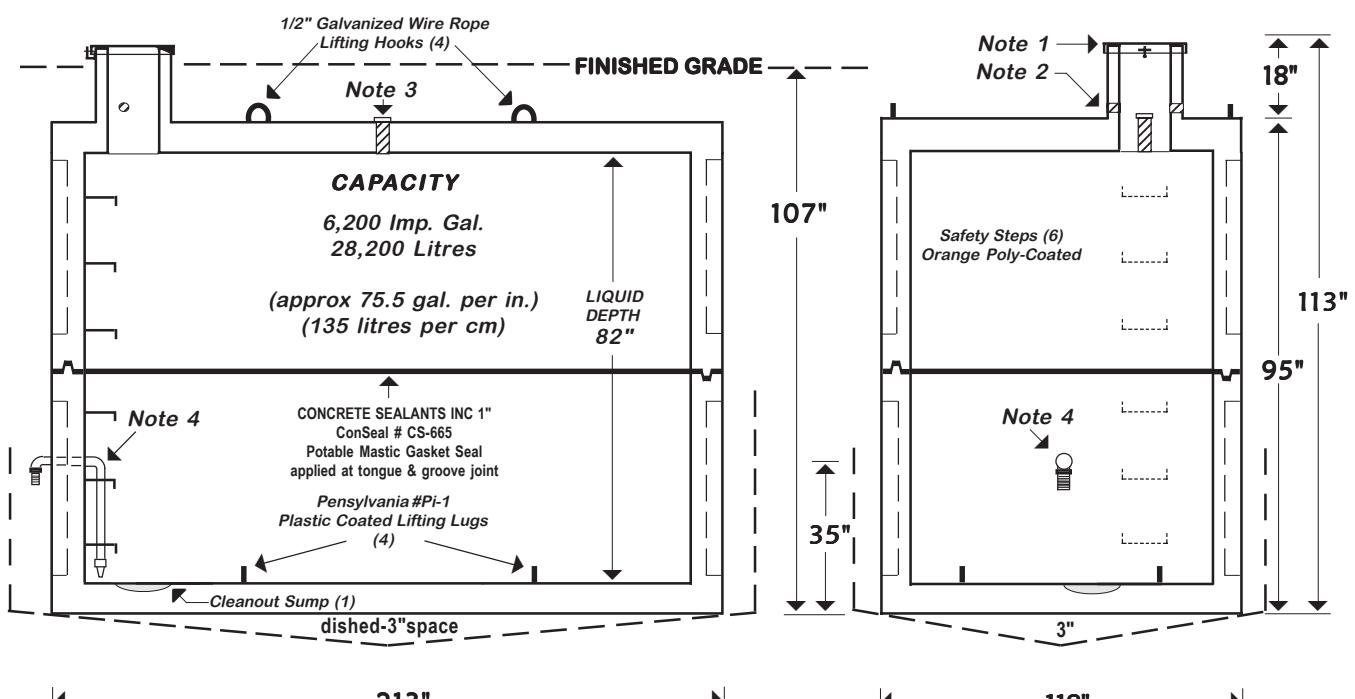
- a) Submersible pump system for inside cistern installation
- b) Jet Pump system for in-house set-up
- c) Water Level Indicator & Low-water alarm
- d) Ultra-Violet Sterilizers, Reverse Osmosis Purifiers and Water Filtration systems

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.**



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

[www.winonaconcrete.com](http://www.winonaconcrete.com)

**DRY WEIGHT 49,500 POUNDS**

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