

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 Effluent / Pump Tank



Certified
Std.B66-05

Date: Feb. 1, 2009

Model: PC9-EP-PL20

Capacity: 865 litres (190 gal)

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

Product Information ...

Configuration Shown utilizes cast-in-place
 20" I.D. x 10" high **PolyLok Riser** with Lid.

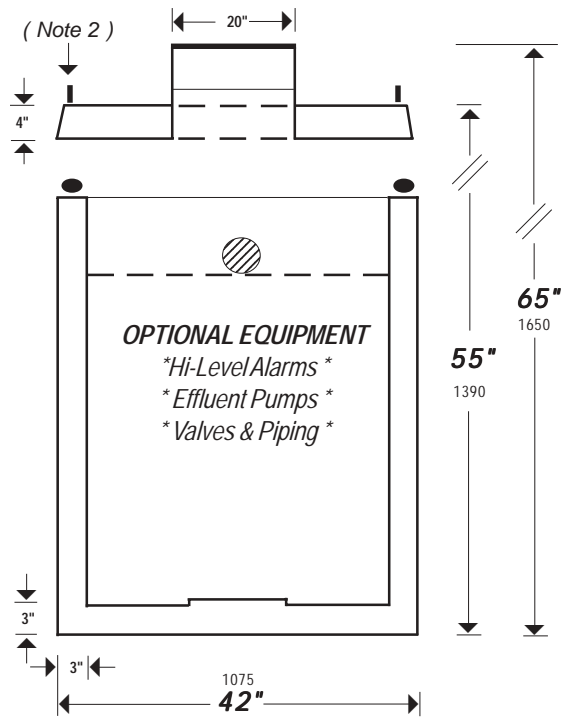
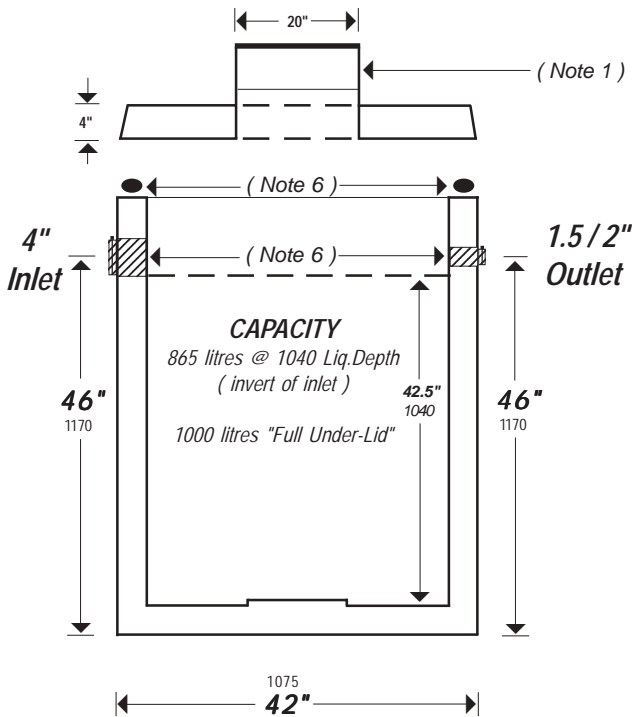
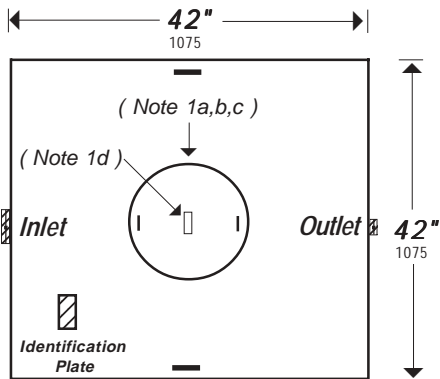
1a) **PolyLok Riser** (20" or 24" dia., plastic) comprised
 of one section cast-in places with 2nd (upper) section
 assembled with Gasket & SS screws.

1b) For **At or Above Grade** riser installation, additional
 6" or 12" high riser sections c/w Gasket & SS screws
 may be added to suit.

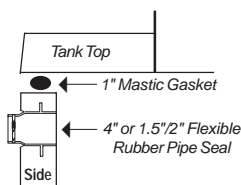
1c) **PolyLok Access Lid** fastened to upper riser
 section with gasket & stainless hex head self - tappers.
 Lifting handles (2) are recessed into lid surface.

1d) " **DANGER** " **Warning Label** (English & French) is
 shown on lid surface.

2) 1/4" galvanized wire rope lifting hooks embedded
 vertically 24" down into side walls, extending 3" above top
 surface.



6) Detail view showing typical Top - Side interface
 with use of mastic gasket & flexible pipe seal.
 Inlet / outlet positions sized per 4" DWV @ inlet
 & combination 1.5" x 2" DWV @ outlet.



3) Steel Reinforcing as follows:
 Top & Bottom..... 10 mm
 Sides..... 10 mm

4a) Cement is Portland Type 10 &/or 30 unless noted
 otherwise. .

4b) Minimum 28-day Concrete Strength: 32 MPa

4c) "NON-SUL". Not suitable for sulphate soils

4d) Concrete Water-to-Cement Ratio 0.45:1 or less

5a) Max Design Burial Depth (Cover)1000 mm

5b) "AGINP" Above ground installation not permitted

DRY WEIGHT 2,990 POUNDS

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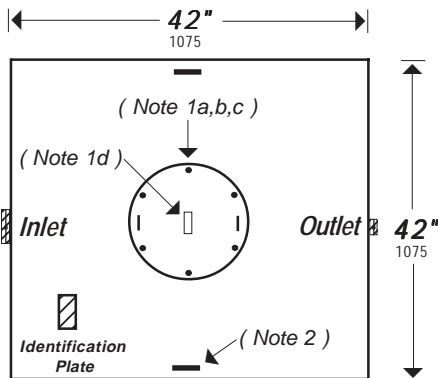


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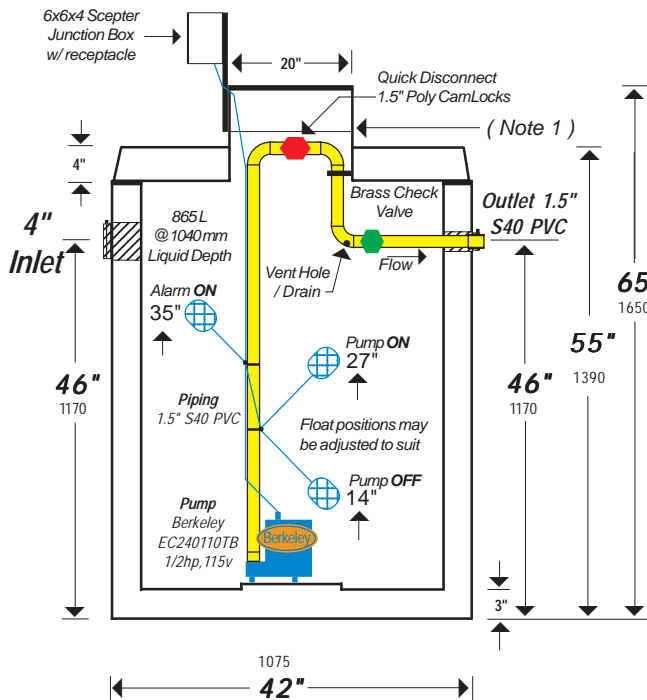
Date: Feb. 1, 2009
 Model : **PC9-EP-PL20A**
 Capacity: 865 litres

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

Configuration Shown utilizes cast-in-place
 20" I.D. x 10" high **PolyLok Riser** with Lid.

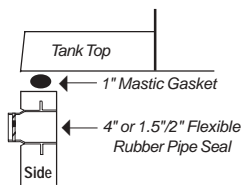


Total Tank Volume
 1020 Litres (200 imp.gal.)



5b) "AGINP" Above ground installation not permitted

6) Detail view showing typical Top - Side interface with use of mastic gasket & flexible pipe seal. Inlet / outlet positions sized per 4" DWV @ inlet & combination 1.5" x 2" DWV @ outlet.



NOT intended for use in areas of vehicular traffic

DRY WEIGHT 3,020 POUNDS

Product Information ...

1a) **PolyLok Riser** (20" or 24" dia., plastic) comprised of one section cast-in place. 2nd (upper) section has junction box mounted & is attached to lower section with gasket & SS screws.

1b) Intended for **At or Above Grade** riser installation, Additional 6" or 12" high riser sections (c/w gasket & SS screws) may be added to suit.

1c) **PolyLok Access Lid** fastened to upper riser section with gasket & stainless hex head self - tappers. Lifting handles (2) are recessed into lid surface.

1d) "**DANGER**" **Warning Label** (English & French) shown on lid surface.

2) 1/4" galvanized wire rope lifting hooks embedded vertically 24" down into side walls, extending 3" above top surface.

3) Steel Reinforcing as follows:
 Top & Bottom 10 mm
 Sides 10 mm

4a) Cement is Portland Type 10 &/or 30 unless noted otherwise. .

4b) Minimum 28-day Concrete Strength: 32 MPa

4b)"NON-SUL" Not suitable for sulphate soils

4c) Concrete Water-to-Cement Ratio 0.45:1 or less

5a) Max Design Burial Depth (Cover)1000 mm



EC2 SERIES
 Cast Iron Submersible
 Effluent Pump



Upper Volute - Cast Iron

Motor Cover - Cast Iron

Lower Volute Base - Fibreglass reinforced Polypropylene

Impeller - Fibreglass reinforced NORYL with threaded insert

Shaft Seal - Mechanical, carbon / ceramic

Bearings - Upper Sleeve and lower ball bearings, oil lubricated

O-Rings - Buna-N

Exterior Hardware - Stainless Steel

Motor - 4/10 HP, 1550 RPM, 115V, 60 Hz. Class B insulation. Oil filled shaded pole containing built-in thermal overload protection with automatic reset Power Cord - 10' water resistant 16-3 gauge, type SJTW-A/SJTW with integrally grounded 3-prong plug

Max Liquid Temperature Limits - 130 °F (55 °C) continuous

Solids Handling - 1/2" spherical capability



PUMP PERFORMANCE

