



## Installation Instructions: Precast Concrete Ring

### **Delivery and Handling**

Ensure the container is handled carefully. The container should always be lifted in a vertical fashion. To avoid damage do not roll or drop the container. When lifting the container be sure to lift using the lifting supports on the side of the container, lifting chains and tethers should be used to ensure the container is lifted evenly.

### **Picking Your Installation Location is Important!!**

It is important to select the location for the container carefully. Things to consider: there shouldn't be any tree branches, cables, electric wires or any other obstacles above the area where the unit is going to be installed and used. If there are obstacles, the waste truck could hit them while emptying the unit.

### **Note: Please confirm "Water Run-Off" direction on install site**

Do Not install in areas where groundwater is near the surface. Pick the highest location on your site or on curbed islands.

Do contact your waste service provider to ensure your location is suitable for them to remove waste. Ensure there is sufficient space for the truck to safely operate when emptying the container.

Do Not install in an area, where there is a risk of vehicles hitting the container (i.e. Driveways)

Do consult local authorities to determine the required safety distance between your waste unit and any buildings, property lines etc.

Do Not install above existing pipelines, cables or any other underground structures. It is the customers responsibility to ensure all underground cables, water, sewage and drainage pipes are safely located away from the container. "Call before you dig".

It is recommended to do a soil survey before excavation begins to determine ground conditions like bedrock being close to the surface, which may require special equipment.

### **Installation Notes**

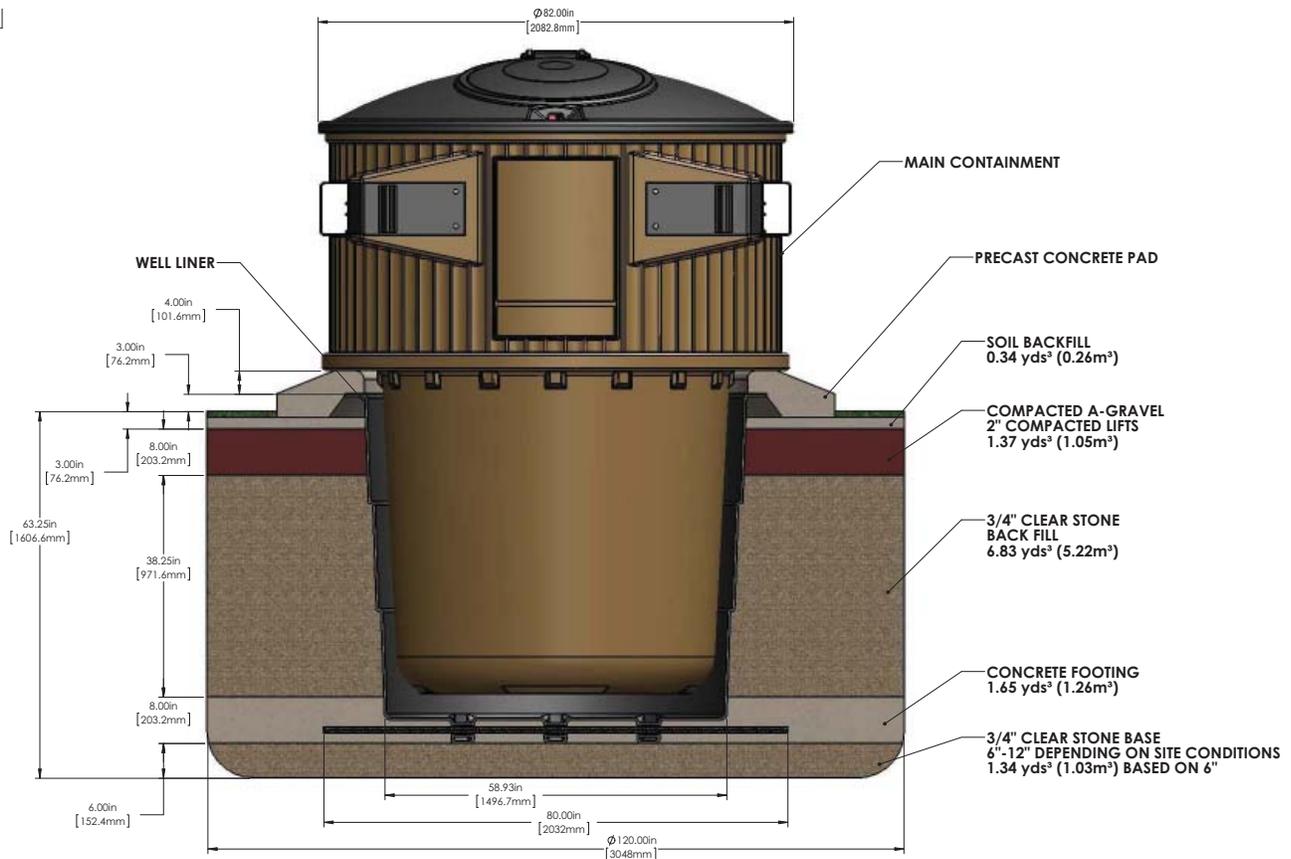
Ensure to check local excavation codes and the soil type prior to the installation taking place, support forms may need to be incorporated into the size of the hole.

In areas with possible groundwater or where the terrain contains clay or silt, subsurface drainage is recommended.

Take special care to prevent accidents by building a proper fence around the installation site to prevent passersby from accidentally falling into the hole during the installation process. This should also include proper warning signs and any supervision of the site that is necessary.

# Installation Instructions

**Read and review all instructions and product material prior to beginning installation**



1. The hole should be made 120" (3050mm) across by 62"-68" (1575mm-1730mm) deep. If site is dry hole should be 62" (1575mm) deep, if the site is wet the hole should be 68" (1730mm) deep.

2. Add a 6"-12" (152mm-305mm) layer of 3/4" clear stone at the bottom of the hole. 6" (152mm) if the site is dry, 12" (305mm) if the site is wet. Check that clear stone layer is level prior to moving forward.

**NOTE:** When installing the well be sure to use only approved hoisting devices that are suitable for this installation type. Follow instructions given by the hoisting device manufacturer. Be sure to support the well to prevent it from falling over when lowering into the hole until anchoring is in place and the hole is filled.



3. Place three 80" (2030mm) long pieces of 3/4" rebar into the holes in the bottom of the liner.



4. Carefully lower the well liner into the hole using a strap around the circumference of the well, under the upper lip. You need a minimum of two lifting points at opposite corners of the container in order to get a balanced lift.



5. Ensure well liner is level. The top of the liner should be approx. 3" (102mm) above the ground.



6. Start pouring 8" (203mm) of 32 MPA concrete over rebar and 3/4" clear stone. Ensure concrete is a high slump mix so concrete gets under liner sufficiently.



7. Begin backfilling the hole with 3/4" clear stone until the clear stone is approx. 11" (305mm) below finish grade. Before filling the hole make sure the well is level.



8. Add 'A' gravel into hole in 2" (51mm) compacted lifts, until the hole has 8" (203mm) of compacted 'A' gravel. When compacting around the container be sure to check that it remains level and that the well stays round.



9. Fold the seal in half so the side with the adhesive is facing outwards.



10. Apply the seal to the entire outer lip of the well liner.



11. Lift the concrete ring from the 3 eyebolts located around the top of the ring, ensure to lift using a 60° triangle. Try to keep the ring as close to ground as possible while moving.



12. Align the precast concrete ring with the well liner and place it down gently, sticking it to the other side of the seal.



13. Place the main body into the well liner and start using EnviroWirx Unit as per emptying instructions provided

EnviroWirx™

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

# Emptying of Unit

The owner should clearly mark the unit for the intended waste stream.

The owner is also responsible for clearly marking that none of the below items should be placed in the unit: Heavy waste like sand or rocks, demolition waste, steel structures, materials on fire, hot ash or grill coals, hazardous waste, corrosive liquids or materials, ignitable materials, toxic waste, reactive waste, any chemicals or any material containing these items.

Note: The owner/end-user assumes all responsibility/liability for ensuring that none of the above mentioned items go into the unit. If this can't be controlled there should be restricted access or hatches should be kept locked against unauthorized access.

The owner is responsible for informing all users of the unit and waste collector of the proper use of the unit through clear signage or handouts.

Before emptying the unit it is important to ensure there are no people or any other materials inside that do not belong.

When emptying the unit ensure there is clear visibility around it and that there is no one standing too close.

Make sure there are no people or animals located in the 20 metre (65 ft) radius while emptying the container. If a person or animal enters this space the emptying process should be stopped until the area is clear. The owner is responsible for ensuring the area is kept clear during the emptying process.

Do Not use unnecessary force while emptying.

The waste truck driver is to ensure the unit is properly on the forks so that it will not fall during the emptying process.

Maximum load for the container is 4,400 lbs (2,000 kg)

Be sure to keep the unit and the area around it clear of snow and ice.

## Product Use

Do Not climb on or into the unit, as this is strictly prohibited.

Do Not put into the unit any materials such as: Heavy waste like sand or rocks, demolition waste, steel structures, materials on fire, hot ash or grill coals, hazardous waste, corrosive liquids or materials, ignitable materials, toxic waste, reactive waste, any chemicals or any material containing these items.

It is important to stand a safe distance (20 metres minimum) from unit when the waste truck is emptying it. Make sure that there are no people inside the safety area of the container during the entire emptying process. Stop the emptying process immediately if any person or animal enters the safety area. Take the required actions to clear the safety area prior to resuming.

The owner of the container is responsible for blocking access to the container or pit during the emptying process.

Do Not run into the unit with any vehicles, bollards are recommended to prevent this.

All EnviroWirx 7 Yard Containers must be installed as per the directions laid out in the EnviroWirx installation instructions. The installer assumes all liability for resulting damage to the product and/or site if any deviation from these instructions occur.

