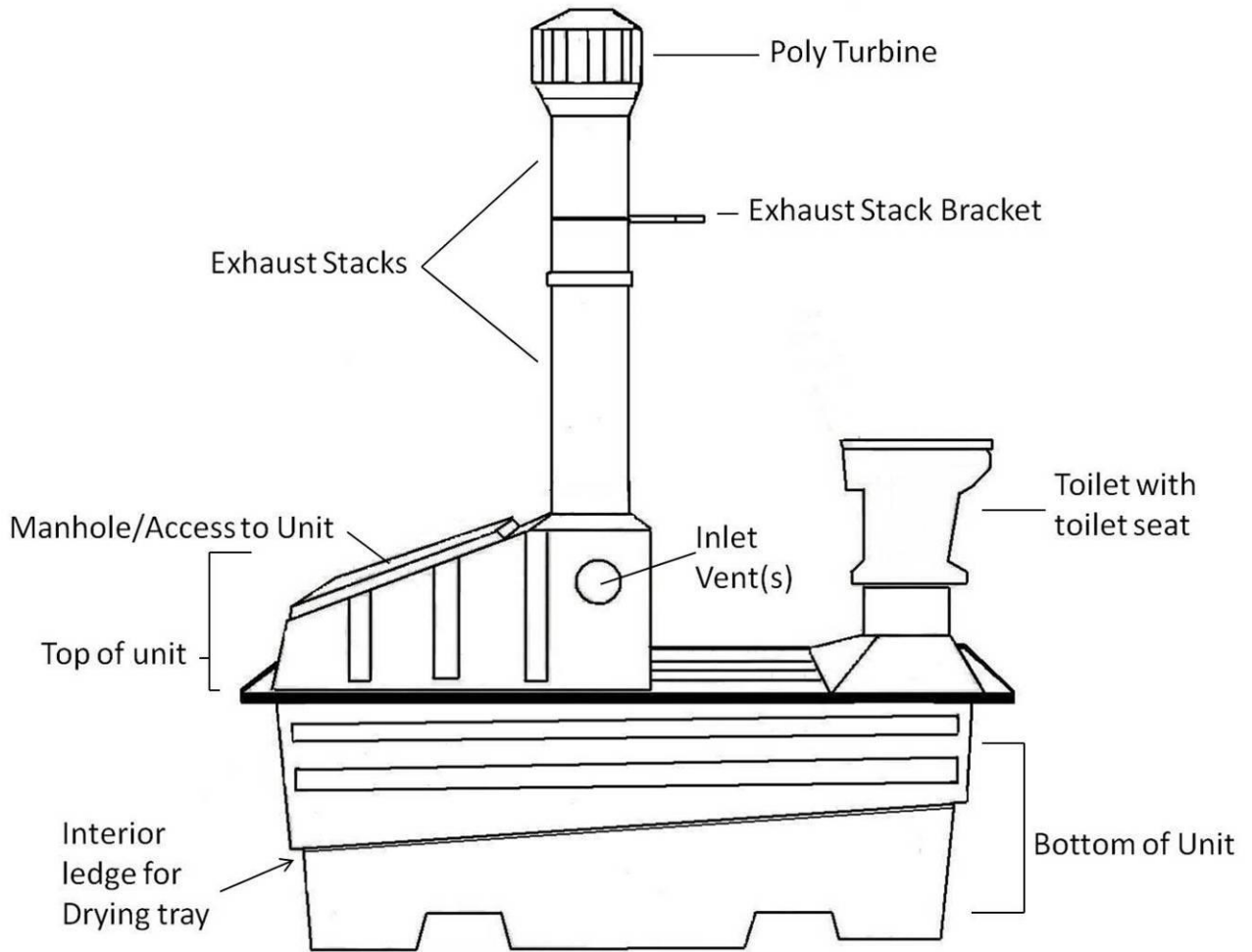




THE ENVIRO LOO

Model: Commercial C-60
Installation INSTRUCTIONS

Enviro
Loo



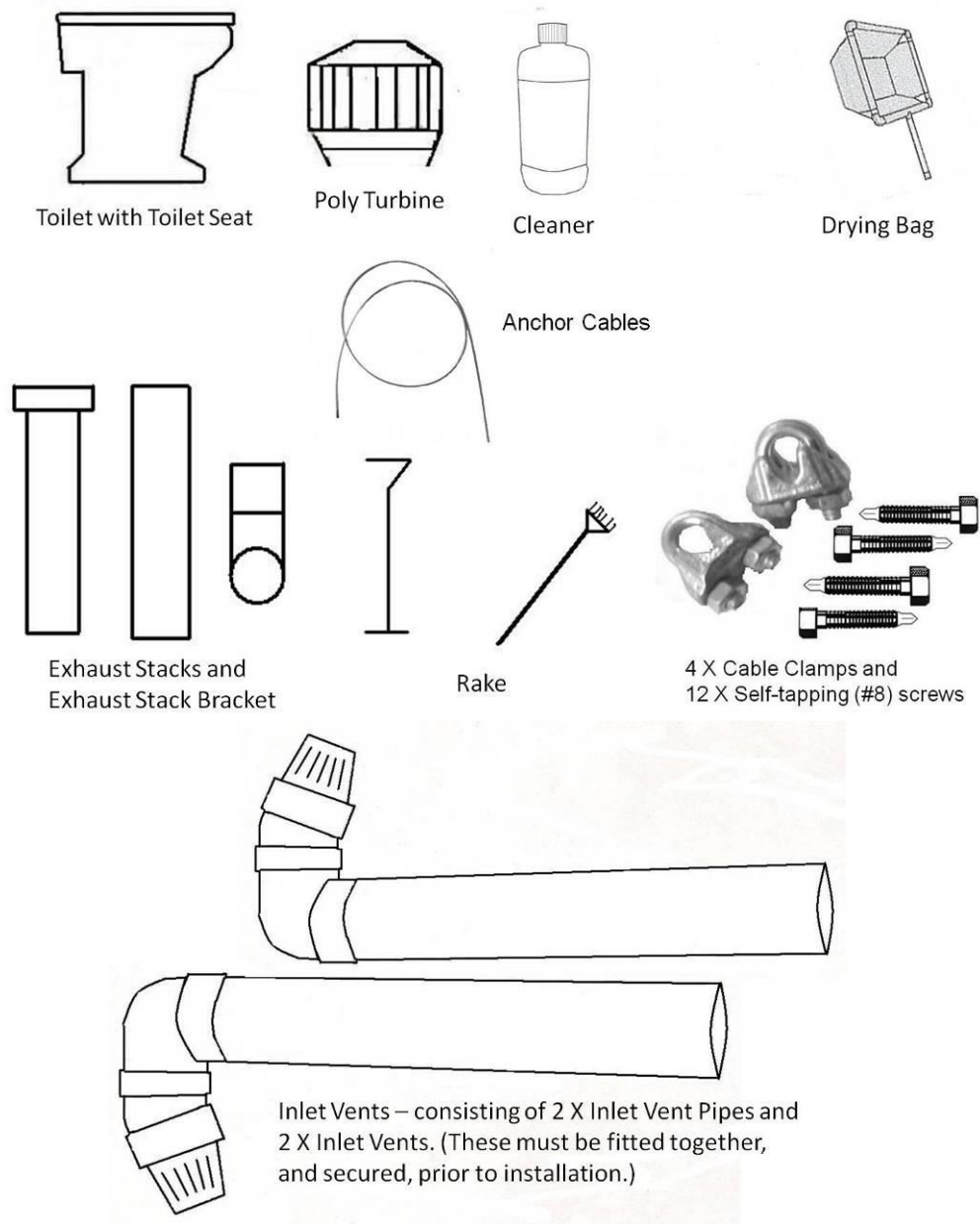
Please **call** us if you have any questions. It is very important that the Eloos are assembled correctly.

We are always happy to help. Thank you for your business.

Toll Free: 866-797-3566
Or: 512-285-9494

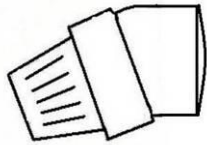
Parts and Pieces Inside Your Shipment

If your unit has been shipped unassembled, please see assembly instructions prior to installation instructions. However, if you've already assembled the unit, or it was shipped assembled, please follow the directions to insert the Inlet Vents and Inlet Vent Pipes prior to actual installation.

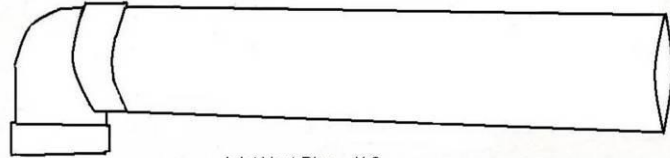


Inlet Vent Installation

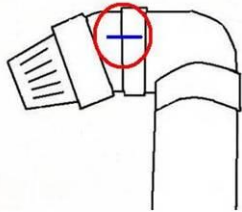
1.) The inlet vents come separated, as pipes – usually in exhaust stack, and the vent pieces – usually in the drying bag. They have been marked for your convenience.



Inlet vent – X 2,
usually placed in
Drying Bag for
shipment



Inlet Vent Pipe – X 2

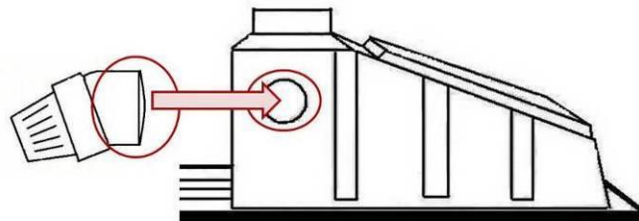
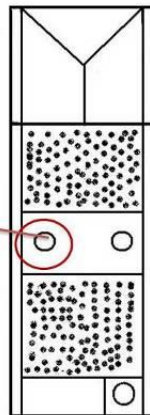


Both the Inlet Vents and the Inlet Vent Pipes have been marked for your convenience. The Inlet Vents will be placed from outside the unit, while the Inlet Vent Pipes are placed inside the unit. These pieces can be matched by using the lines provided.

You will need to place the Inlet Vent Pipes inside the unit. The bottom of the pipes will pass through the drying tray through the designated slots. Insert the Inlet Vents into the opening of the unit, from the outside, then reaching through the manhole/access to unit, bring the inlet vent pipe upwards, attaching the white fitting over the back of the inlet vent.

Fitting at the top of the
Inlet Vent Pipe. This will
attach to the Inlet Vent.

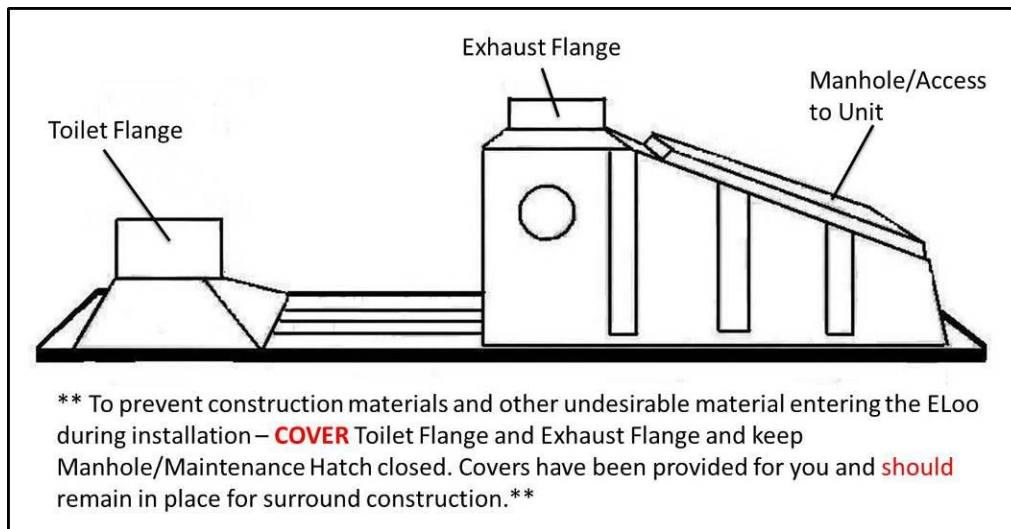
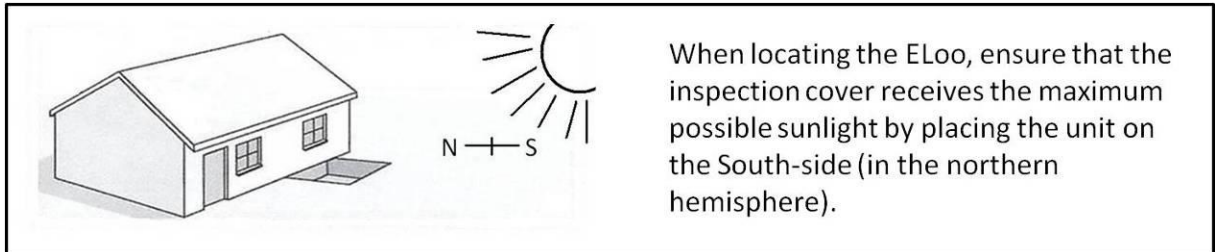
Insert Inlet Vent Pipes into Inlet Vent
Pipe slots in drying tray. Turn the
Fitting, at the top of the Pipe towards
the outside wall of unit, where it will
be attached to the Inlet Vent.



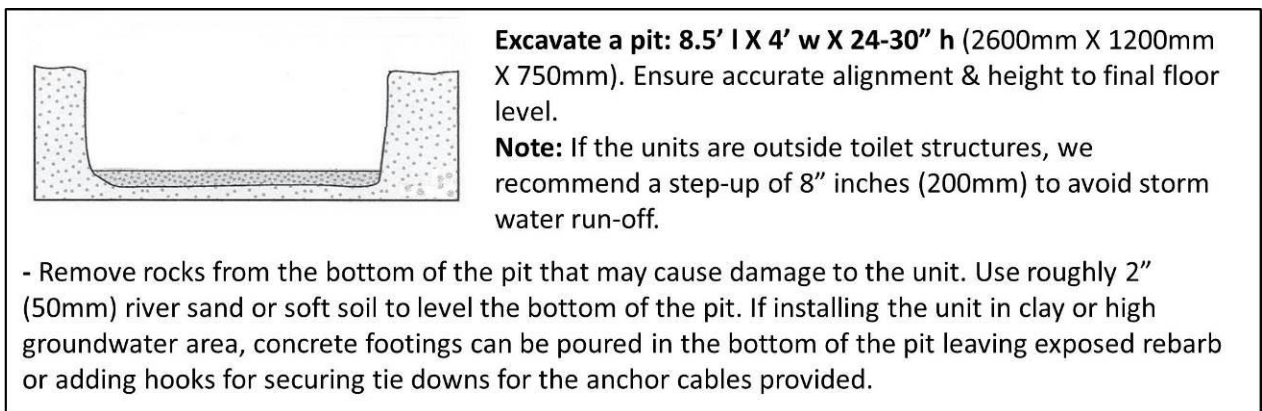
Place the Inlet Vent into the Inlet Vent Opening from the outside of the unit. The inserted end will attach to the Fitting at the top of the Inlet Vent Pipe inside the unit.

ELOo Installation Instructions

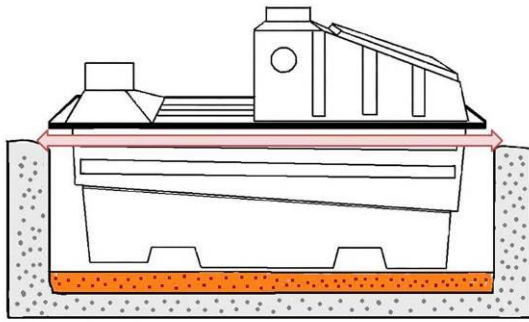
Once your ELOo has the Inlet Vents inserted, permanently secure them using PVC pipe glue or a #8 Self-tapping screw. **Make sure fittings are fully seated.**



A.) Underground Installation – Single C60



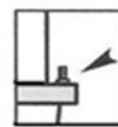
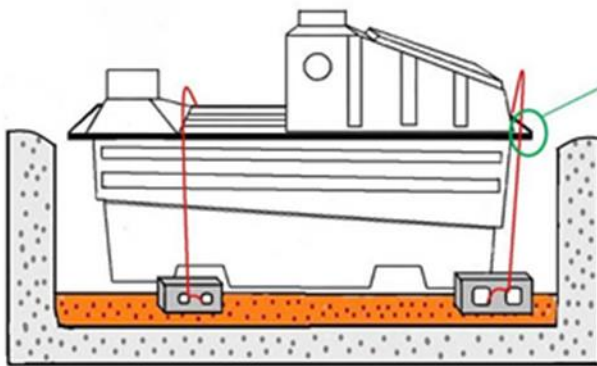
****See Urinal Instructions if you are adding a Urinal to your Installation.****



Lower the assembled unit into the pit. The red arrow shows the position of suggested ground level. (1' or 12" (300mm) from ground level to base of inspection hole cover.)

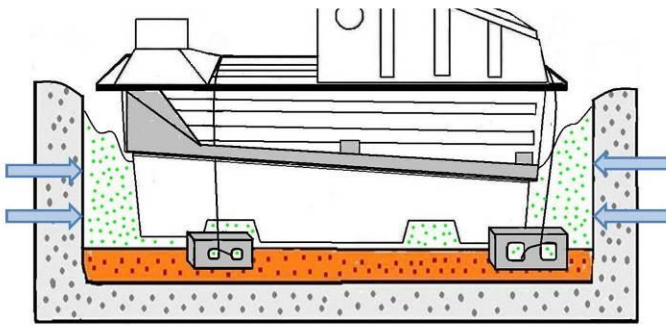
Note: If **urinal** is to be added, connect piping to the unit by drilling a hole below the ledge for the drying tray & installing a bulkhead connector. Do this **before** backfilling the excavation.

*****The unit MUST to be anchored to avoid floatation.*** Attach anchors level and evenly on either side of the bottom of the unit. (Position rear anchor cable between unit and inverted bolts.) When backfilling, ensure anchors remain in position.**



Set rear Anchor Cable between unit and Inverted 1 1/2" bolt.

Attach the Anchor rope to multi concrete blocks or parking lot curb stops as needed for soil conditions. The Eloo must be tightly anchored to prevent floatation.

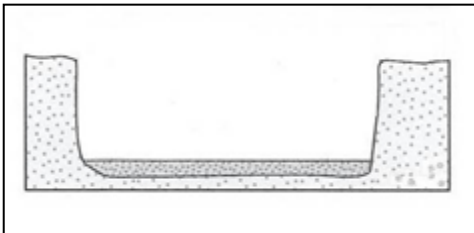


Use a soil-crete or medium heavy loaming soil (class III) for backfilling. Backfill evenly and compact gently all around the unit. Ensure that the unit stays level through its length and breadth.

During backfill procedures, ensure that the drying tray remains in place on the supporting ledge. Do not compact backfill over the level of the tray, without ensuring the above. Make sure that the container sides do not bulge inwards from over compaction (white arrows), by viewing through the inspection cover or by standing on the sides of the drying plate inside the container.

****Note**:** Ensure that the prevailing geo-technical conditions have been checked and that adequate stabilization procedures have been specified to prevent flotation and/or damage to the unit.

B.) Underground Installation – Double (Two C60s)



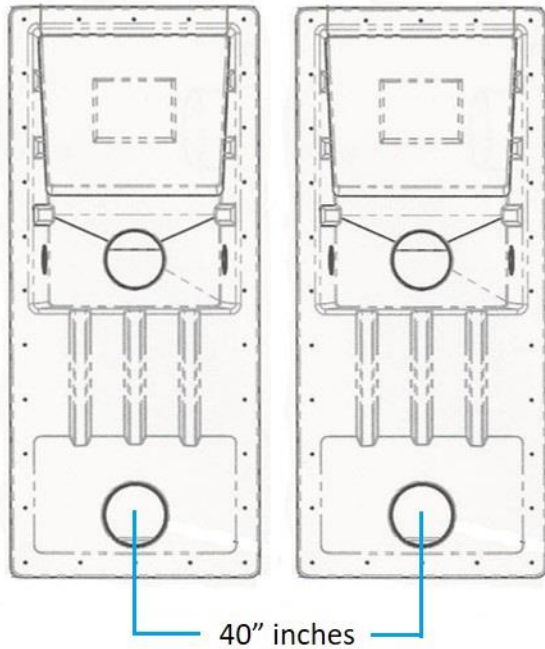
Excavate a pit: 8.5' l X 8.5' w X 24-30" h

Ensure accurate alignment of height to final floor level.

Note: if the units are outside toilet structures, we recommend a step-up of 8" to avoid storm water run-off.

**** Remove any rocks from the bottom of the pit that may cause damage to the unit.**

Use approximately 2" of river sand or soft soil to level the bottom of the pit. If installing the unit in Clay or high ground water area, concrete footings can be poured into the bottom of the pit leaving exposed rebar or adding hooks for securing tie downs for the anchor cables/ropes.



** Set the two units so as to measure 40 inches center to center of the toilet flanges. This allows for a 4 inch wall between the units and provides 18 inches from the side wall to comply with ADA requirements.

With two or more stalls with ELoos are to be unisex individual stalls, and will each have a urinal:

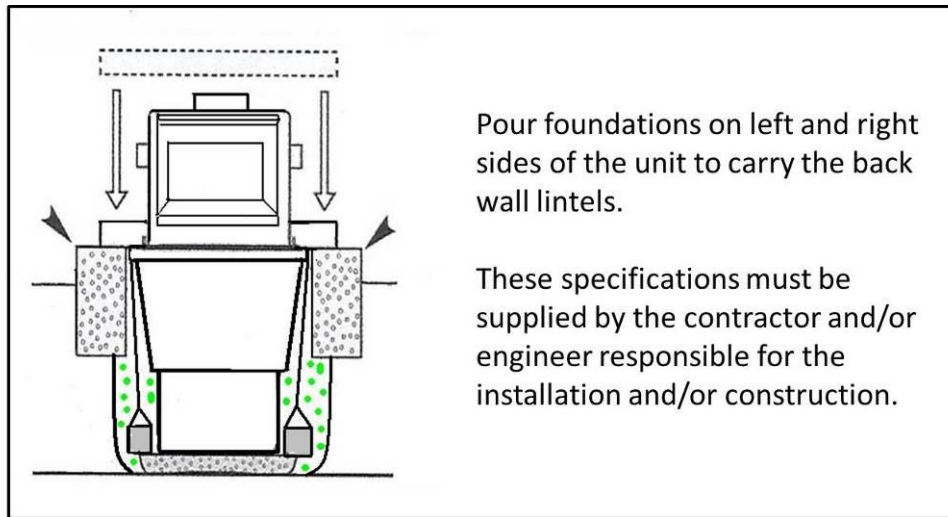
- 1.) Bulkhead connectors have been installed into the unit for you on the lower wall below the toilet flange.
- 2.) The idea here is to connect the two bulkhead connectors with PVC one or 1 ¼ inch pipe and stub out for urinals from each unit. This will allow equalization of the liquid level in the event of excessive use.

**** Complete backfill of pit as instructed in Single, C60 Installation (above) *****

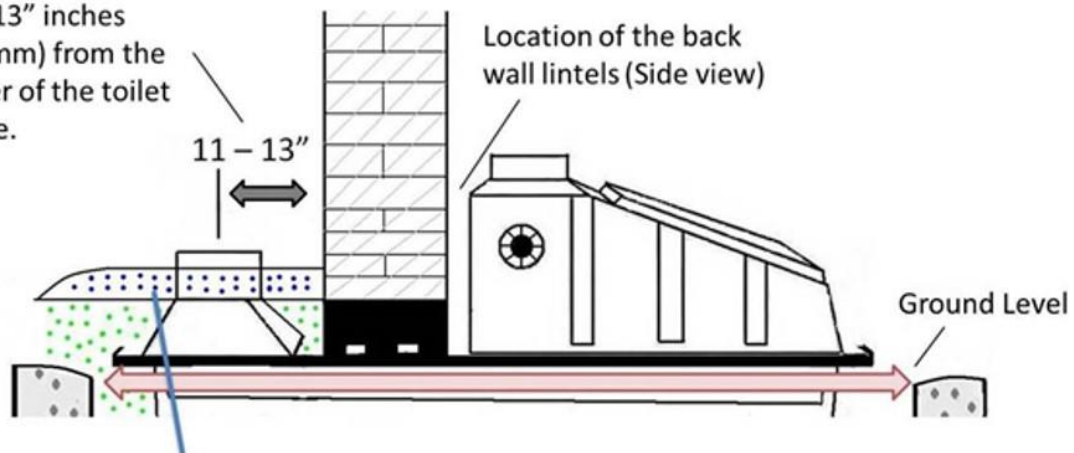
C.) Above ground Installation

**Please call SWSLoo, Inc
866-797-3566
Or 512-285-9494
Additionally, you can email:
George@swsloo.com**

Building Slab For ELoo Surround

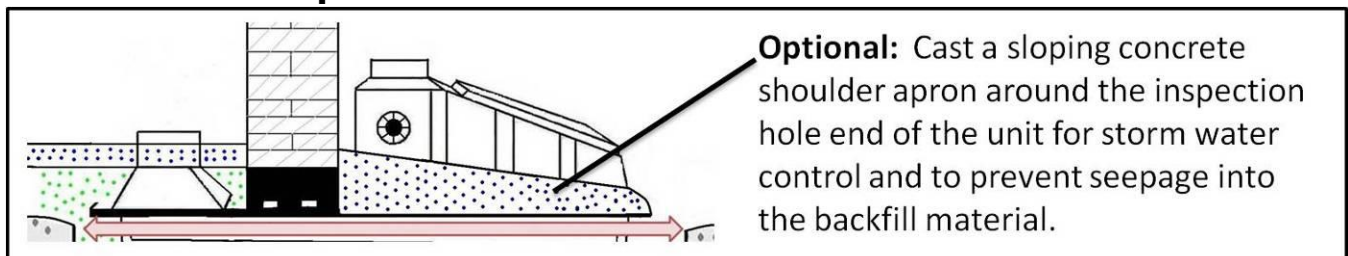


The interior face of the rear wall should be built 11 – 13” inches (315mm) from the center of the toilet flange.



- Position batter boards to pour floor slab to ensure that approximately +/- 1 ¼” inches (40mm) of the toilet flange protrudes above the finished floor level for mating the toilet bowl to the unit.
- Pour the floor slab according to the engineer’s specifications.

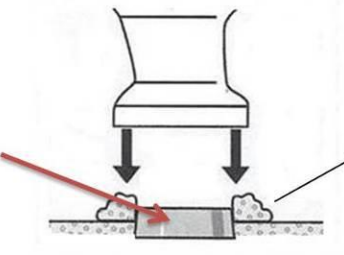
****Completed structure MUST have a vent to the outside****



Installation of Remaining Components:

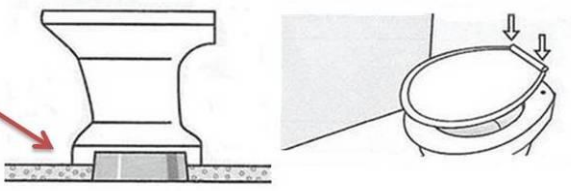
Toilet:

Depending on the final floor level, excess protruding toilet flange may need to be cut off or a riser added.



Position/secure the toilet bowl onto the toilet flange protruding from the floor slab; adhere with contractor's cement and/or bolts/screws.

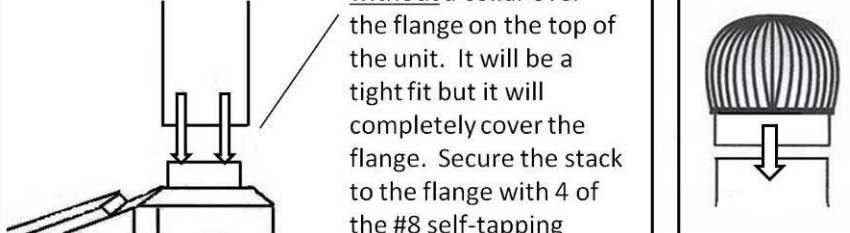
The base of the toilet bowl MUST rest on the floor slab.



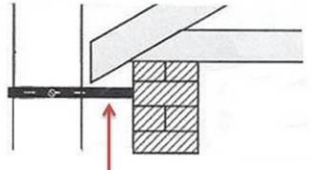
Secure toilet seat and lid on the plastic bolts on the toilet as per the instructions on the box.

Exhaust Stacks:

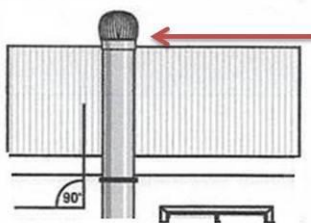
Install the exhaust stack without a collar over the flange on the top of the unit. It will be a tight fit but it will completely cover the flange. Secure the stack to the flange with 4 of the #8 self-tapping screws provided.



Secure the turbine to the second exhaust stack section, securing with #8 Self-tapping screws. Then fit the collared end to the first stack with the #8 self-tapping screws provided.

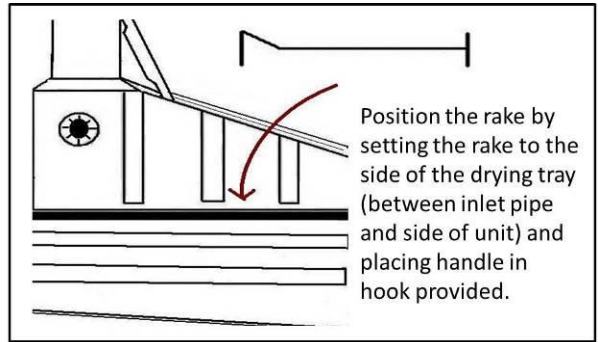
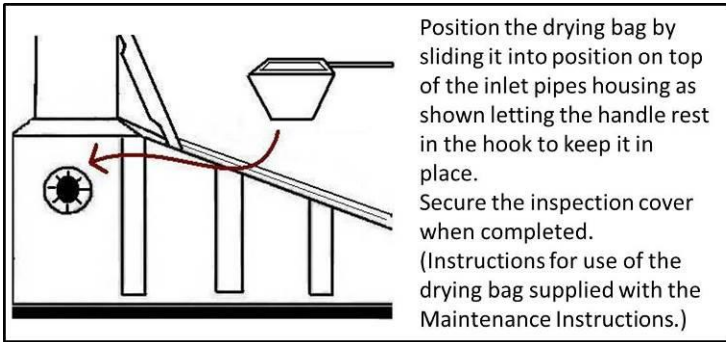


Position the exhaust stack bracket as high as possible on the rear wall for maximum support and ensure the exhaust stack is straight & vertical as indicated.



The ventilation extraction unit/turbine must be positioned above the pitch of the roof to ensure adequate and consistent ventilation.

Drying Bag and Rake:



Your ELoo is now ready to be used!



Keep lid closed at all times when the toilet is not in use to insure the primary air flow is through the exterior inlet vents.

Auxiliary Items available for purchase from SWSLoo, Inc (including an auxiliary fan to assist with air flow and a urinal).