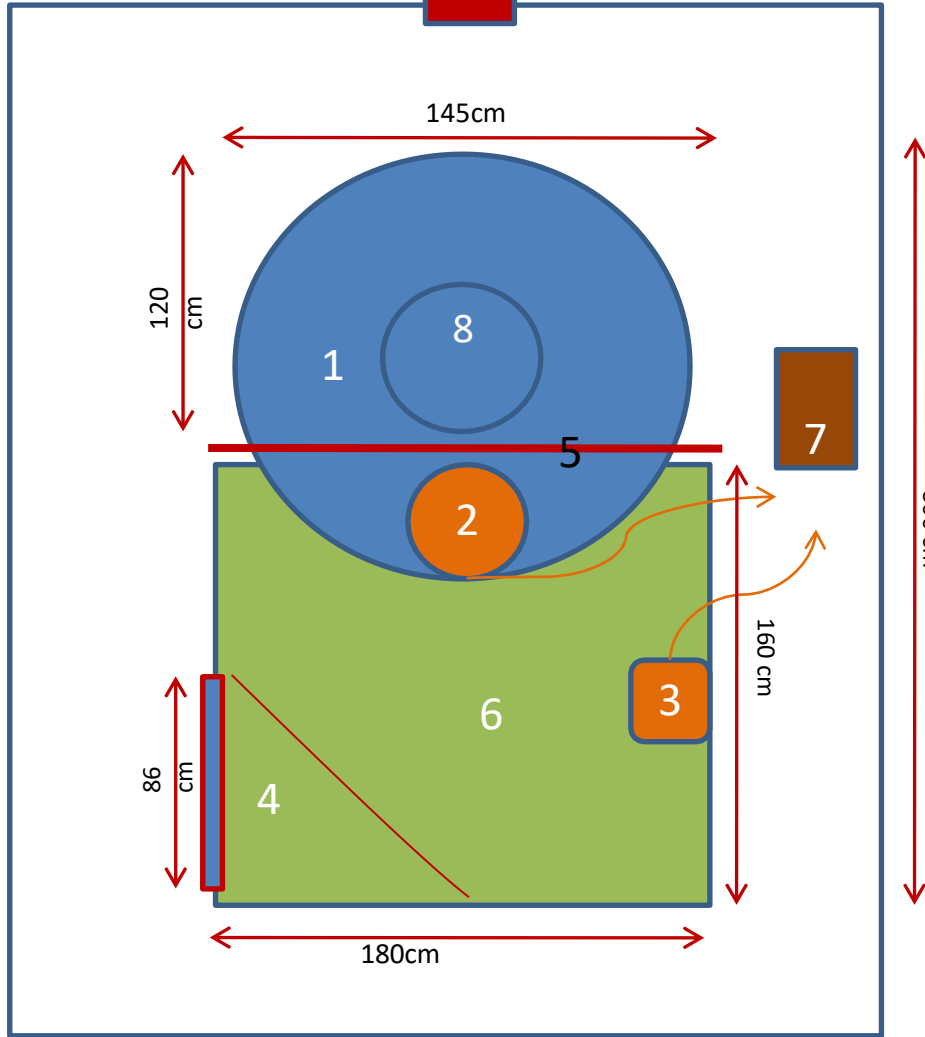


Waterless Sanitation

ZerH₂O

INSTALLATION PROCEDURE

NORTH



1. Zerho unit on the North side of top structure
2. Toilet Pan
3. Urinal with soak-away pipe
4. Space for door opening inward
5. Lintel over unit to support top structure
6. Ablution space
7. Soak-away pit
8. Unit cover attached to dry waste basket

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Materials for Installing the ZerHO unit

You will need:

- Spirit level and straight plank to assist with levelling
- Measuring tape
- Pick & Shovel
- Installation team consisting of 2 people
- 25 x standard stock bricks for support around the unit (21.5x10cm)
- 50 x standard stock bricks for floor (100x100cm)
- 1 x bag cement (optional)

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Method:

1. Start by levelling an area of 300x300 cm – using a spirit level and the levelling tool
2. The large, exposed section of the unit must face North – for maximum sun exposure
3. From the North side of the cleared space, measure 50cm and mark the spot; measure another 50 cm and mark the spot. This is the diameter of the sump hole.
4. Dig the hole for the sump to comfortably fit into.
5. Clear the area and check with the spirit level that the area around and over the hole is level.
6. Carefully position the Zerho unit's sump to 'hang' in the hole.
7. Using the raised section running behind the toilet pan (5) as marker, measure both sides of the pan to ensure the unit is straight.
8. Firmly fill spaces with soil. Secure and support all around the unit with the bricks .
9. Check again with the spirit level that the unit is level, by measuring across the sump opening (first remove the lid and basket).
10. Adjust where necessary and check again with spirit level.

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Step 1

1. Start by levelling an area of 300x300cm – using a spirit level and the levelling tool
2. The exposed section of the unit must face North – for maximum sun exposure
3. From the North side of the cleared space, measure 50cm and mark the spot; measure another 50 cm and mark the spot. This is the diameter of the sump hole.
4. Dig the hole for the sump to comfortably fit into.



Step 2

Clear the area and check with the spirit level that the area around and over the hole is level.



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Step 3

Carefully position the Zerho unit's sump in the hole.



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2

Step 4

Using the raised section running behind the toilet pan (5) as marker, measure both sides of the pan to ensure the unit is straight.



Step 5

1. Firmly fill spaces with soil.
2. Secure and support all around the unit with 24 of the bricks.
3. Check again with the spirit level that the unit is level, by measuring across the sump opening (first remove the lid and basket).
4. Adjust where necessary and check again with spirit level.



Note the
positioning
of the
bricks.

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2



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2