

UNHCR Emergency Water Platform (Corrugated Steel Rings)

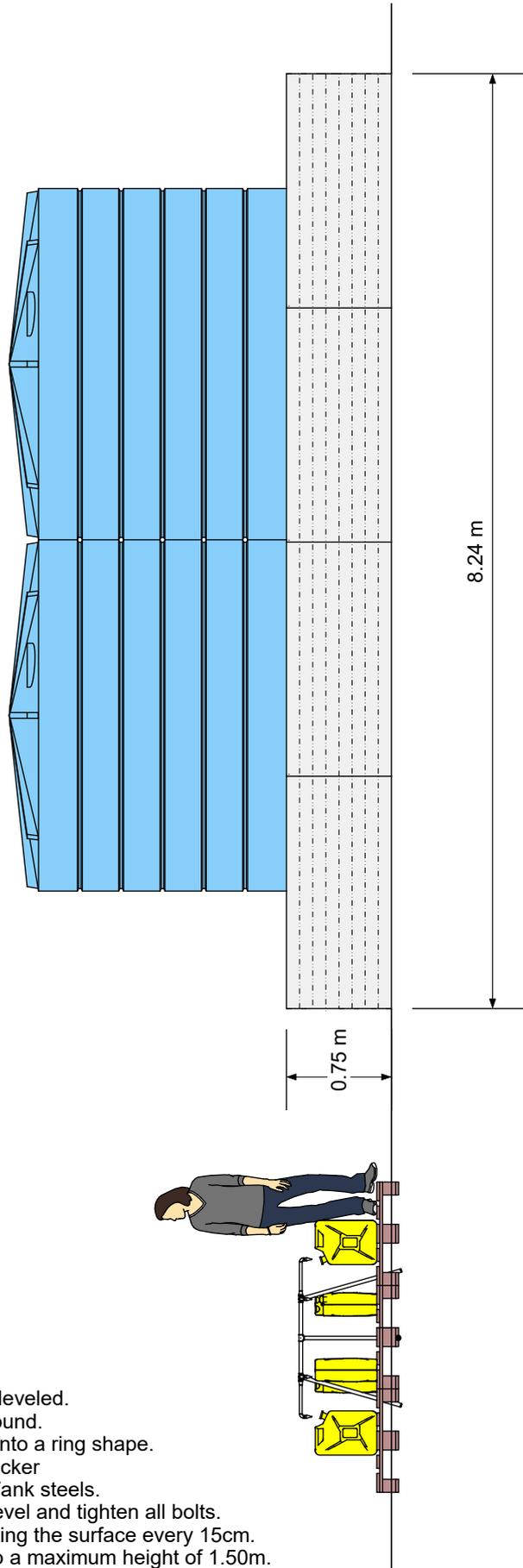
**Tools and Guidance for
Refugee Settings**



UNHCR
The UN Refugee Agency

D308-2015a

Side View



NOTES

1. Circle of 8.24m diameter to be cleared and perfectly leveled.
2. Excavate a shallow trench at least 0.20m into the ground.
3. Loosely assemble the corrugated steel rings panels into a ring shape.
Note that these rings have a larger radius and are thicker (1.2mm compared to 0.8mm) than standard Oxfam Tank steels.
4. Ensure that the corrugated steel rings are perfectly level and tighten all bolts.
5. Backfill the raised platform with earth layers compacting the surface every 15cm.
Note that a second layer of rings may be added up to a maximum height of 1.50m.
6. Ensure that the final surface is perfectly level and compacted.

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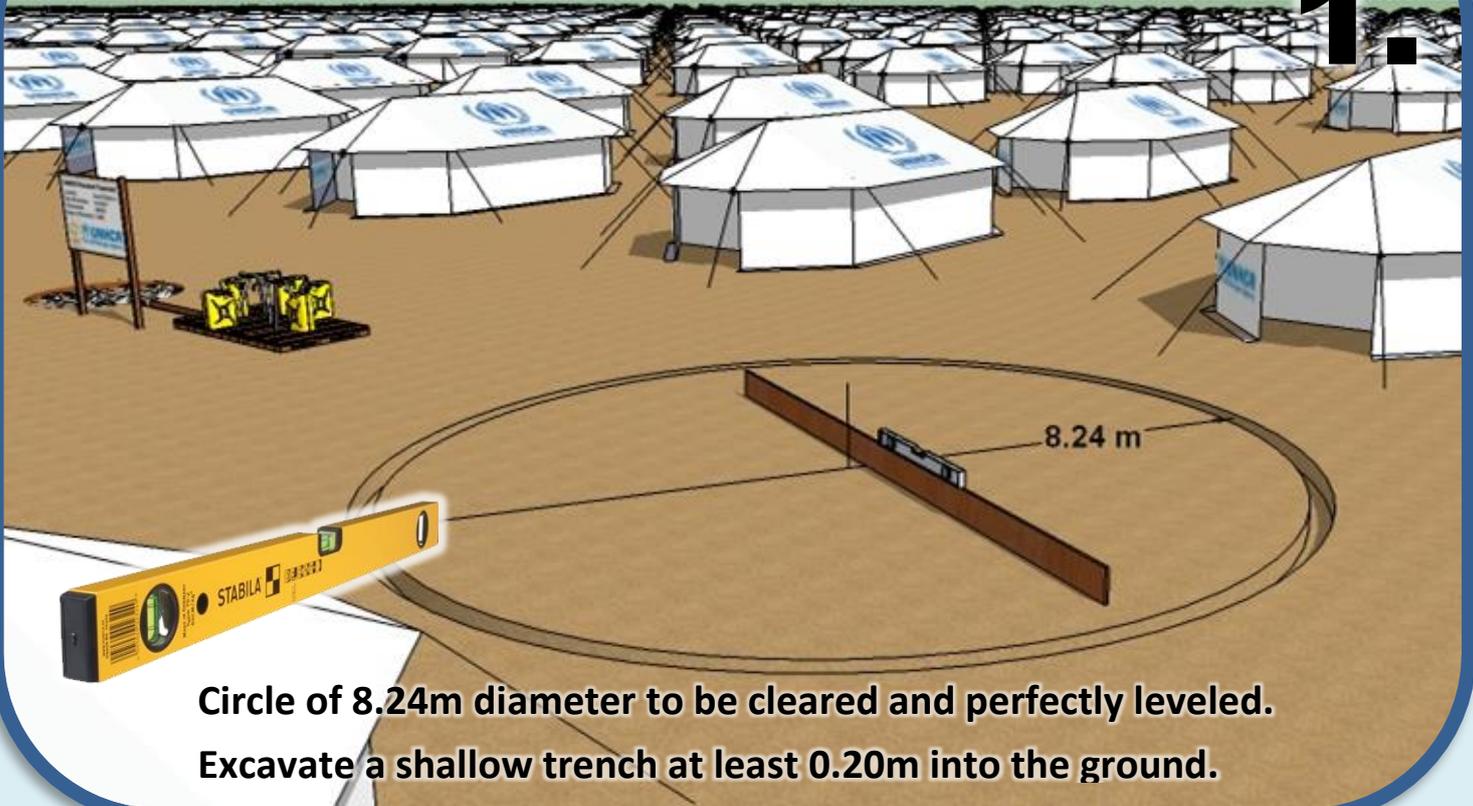
TITLE
Emergency Water Platform
 General Layout
PROJECT
 Project Name, Country

DRAWN BY
 B. Harvey - 11/10/15
APPROVED BY
 M. Burt - 15/11/15
SCALE
 1:50

UNITS
 metres
SHEET
 1 of 1
DATE PUBLISHED
 15/11/15

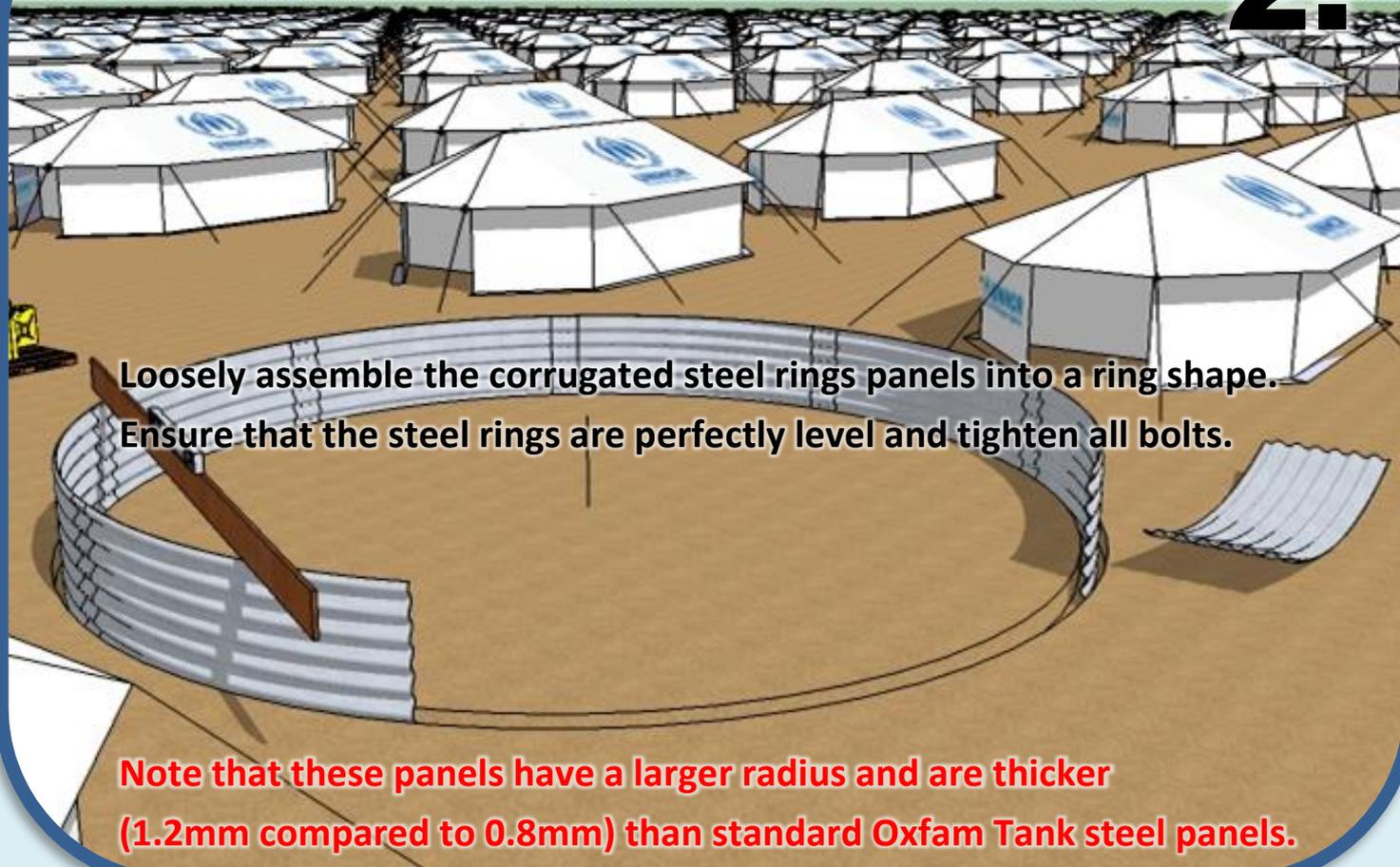


1.



Circle of 8.24m diameter to be cleared and perfectly leveled.
Excavate a shallow trench at least 0.20m into the ground.

2.



Loosely assemble the corrugated steel rings panels into a ring shape.
Ensure that the steel rings are perfectly level and tighten all bolts.

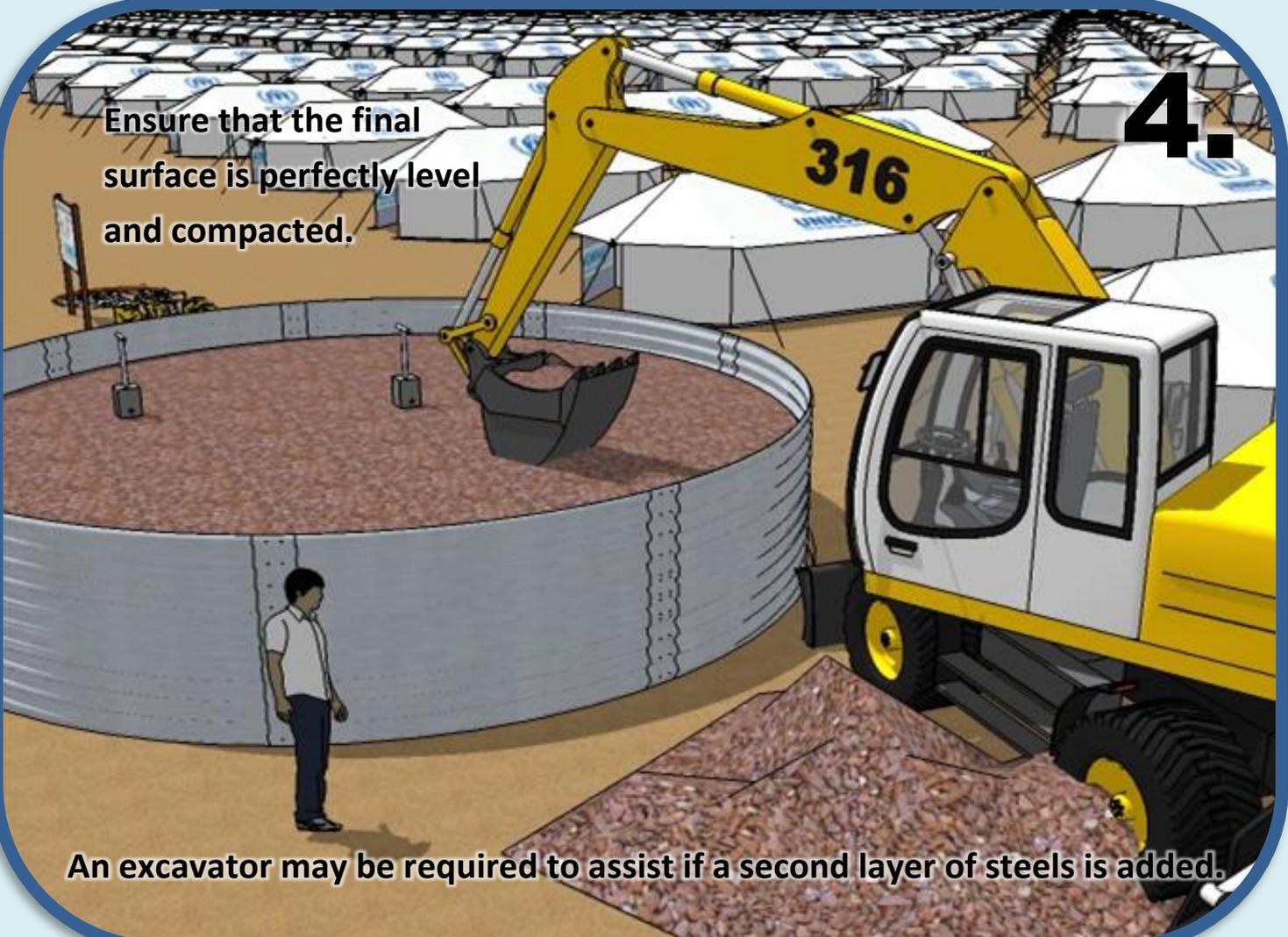
Note that these panels have a larger radius and are thicker (1.2mm compared to 0.8mm) than standard Oxfam Tank steel panels.

3.



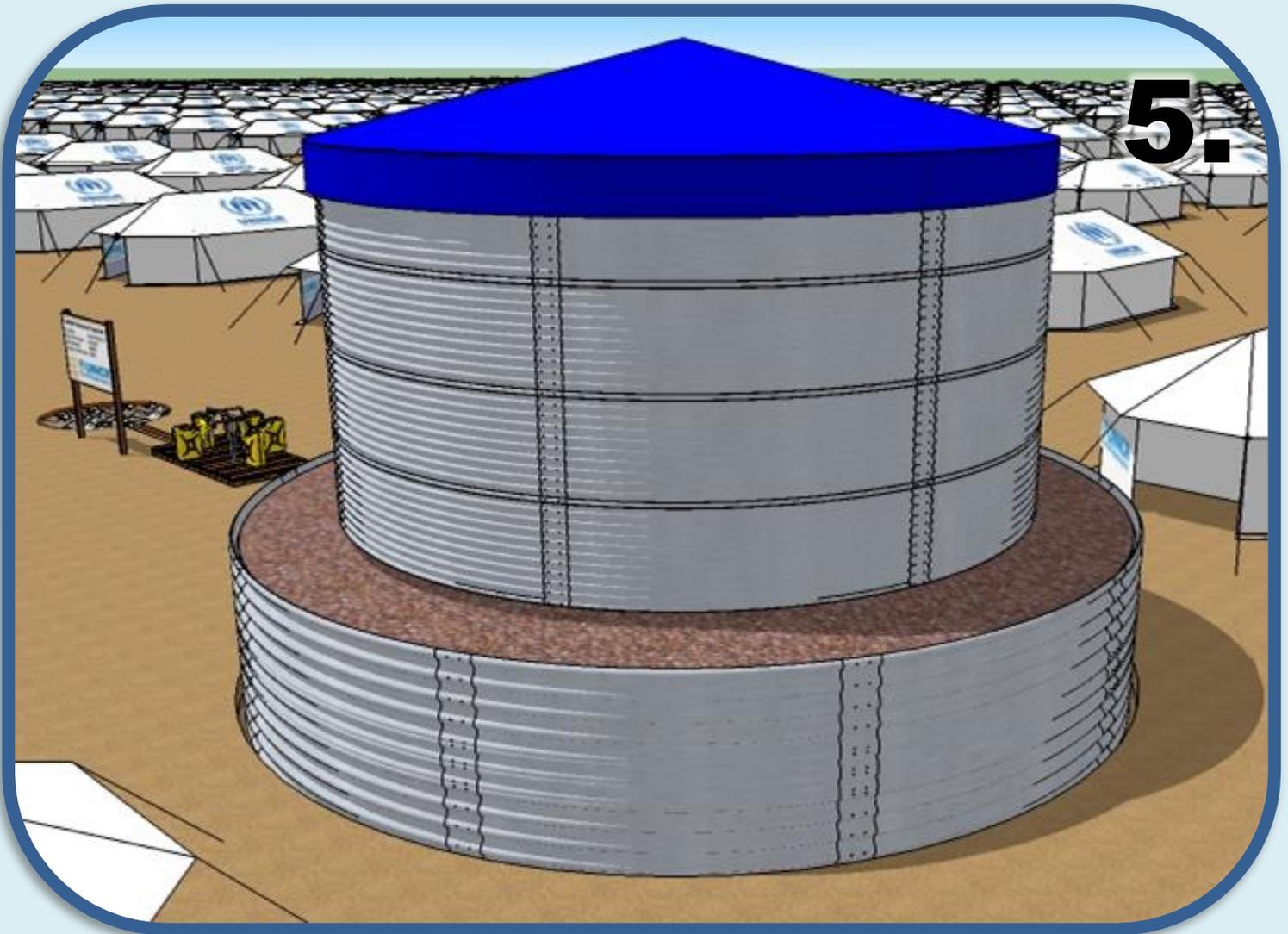
Backfill the plinth with earth layers compacting the surface every 15cm. Note that a second layer of rings may be added up to a height of 1.50m.

4.



Ensure that the final surface is perfectly level and compacted.

An excavator may be required to assist if a second layer of steels is added.



5.



6.

Roto Tank Option

Additional Photos

