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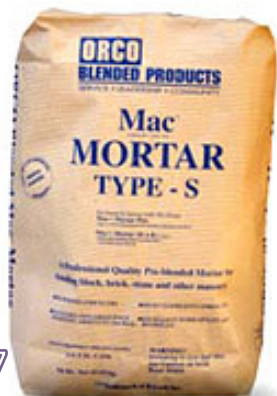


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OR



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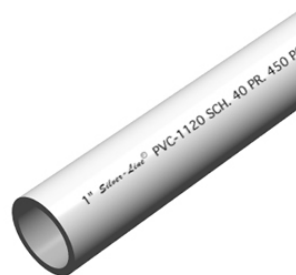
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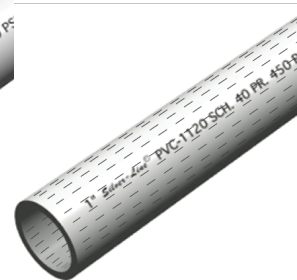
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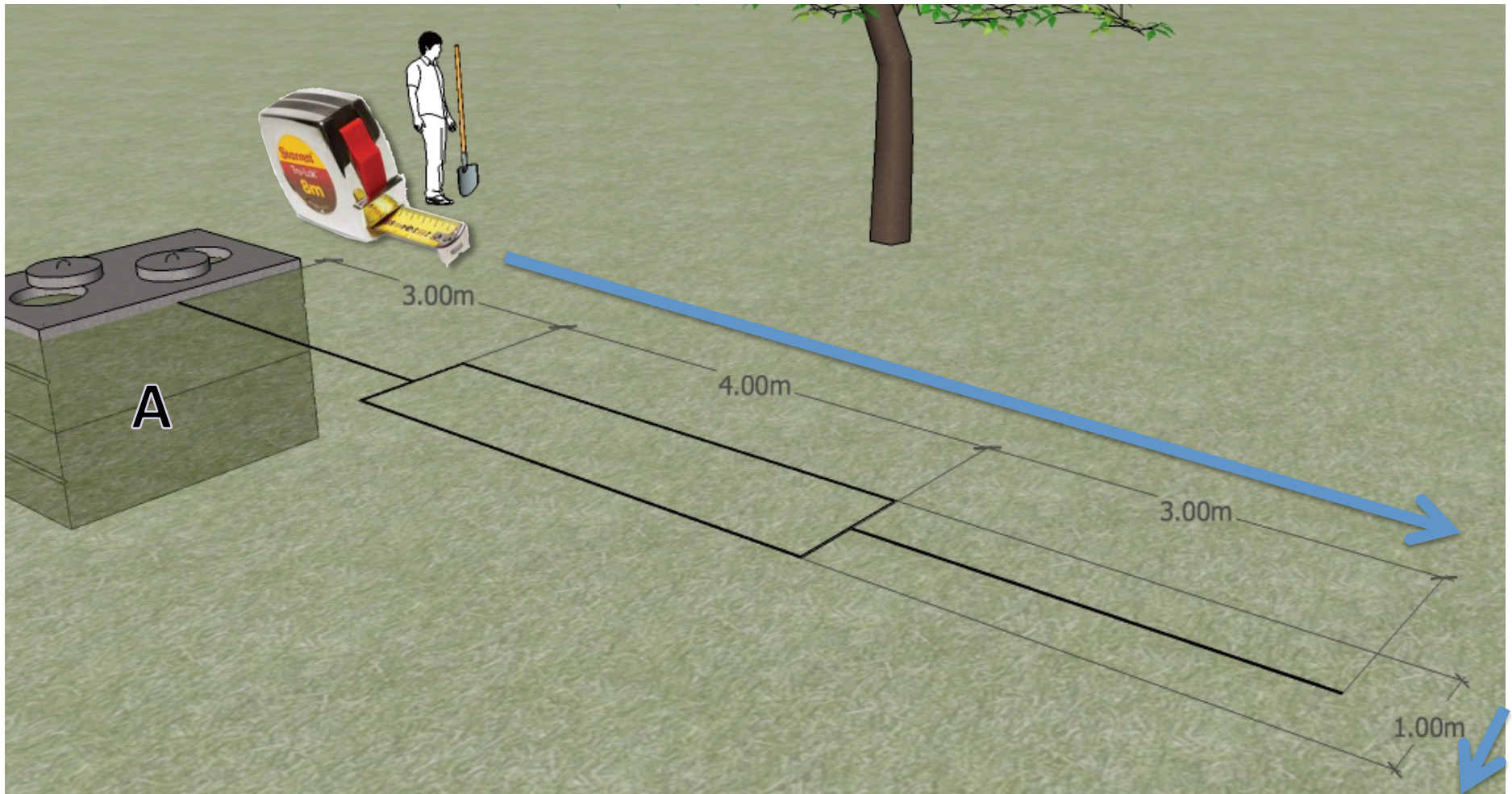
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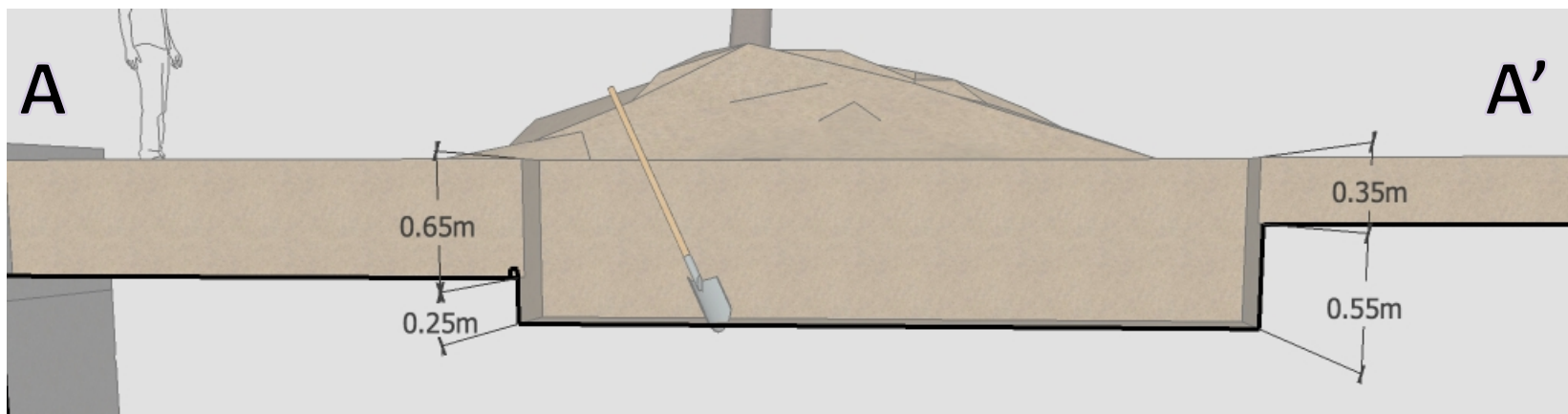
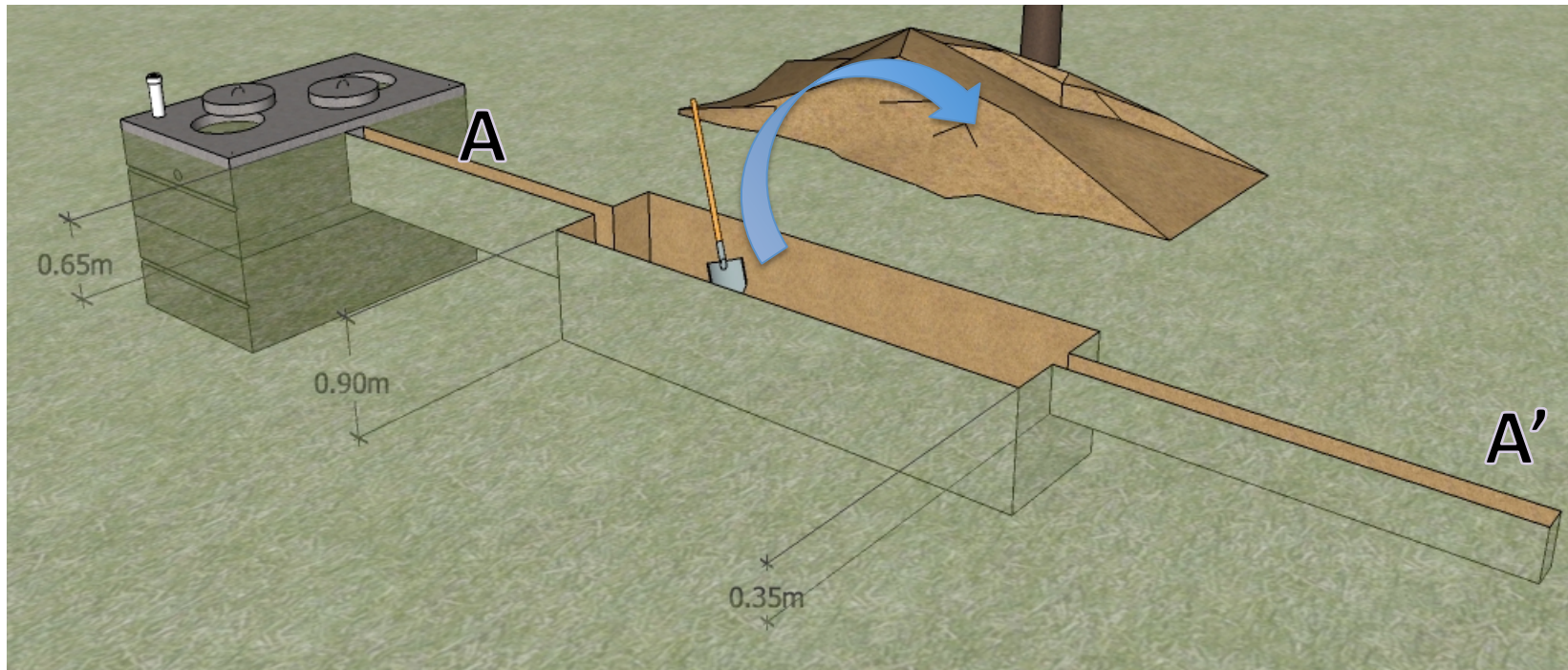
- 1 Shovel
- 2 Hoe
- 3 Trowel
- 4 Hacksaw
- 5 Measuring Tape
- 6 Cement Mix OR Clay: 1.5m³
- 7 Mortar: Enough for the bricks of a 10m X 0.75m wall
- 8 Concrete Mix: for 0.6m³ of concrete
- 9 Builder's Sand: 1m³
- 10 Gravel (15 – 25mm diameter) X 2m³
- 11 Gravel (50 – 80mm diameter) X 1.5m³
- 12 Red brick: 10m X 0.75m wall
- 13 100mm PVC coupler
- 14 100mm PVC pipe: length 3m
- 15 100mm perforated PVC pipe: length 3m
- 16 Vetiveria zizanioides (Vetiveria grass) X 100
- 17 Musa sp. (Banana tree) X 2

1. Measure an area 3m from the septic tank, in line with the septic tank outflow.

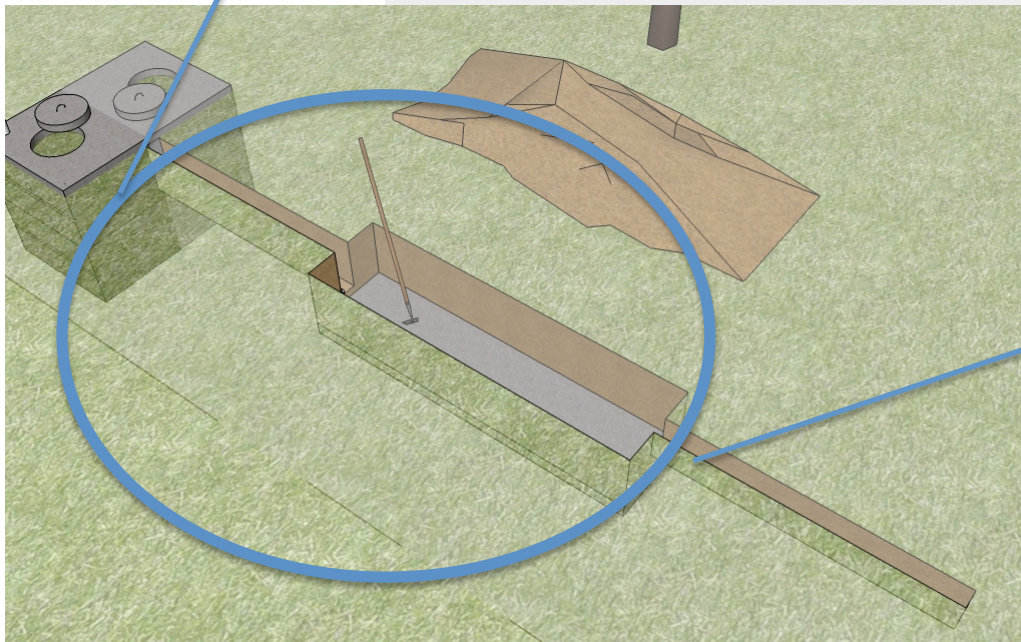
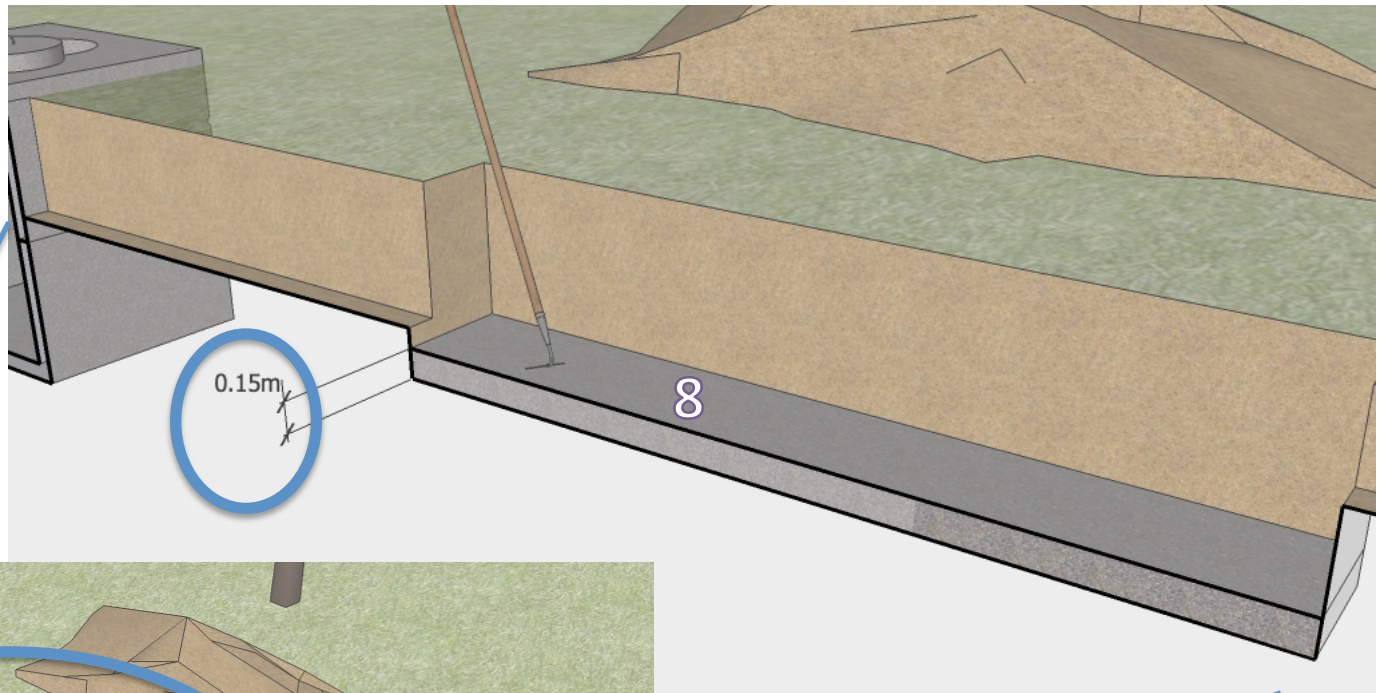


A Septic Tank

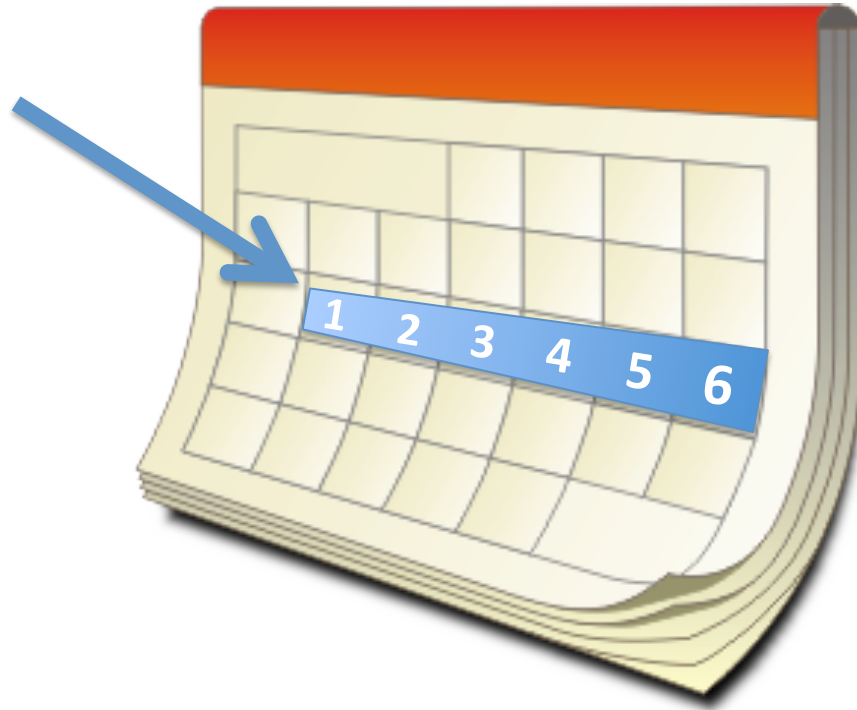
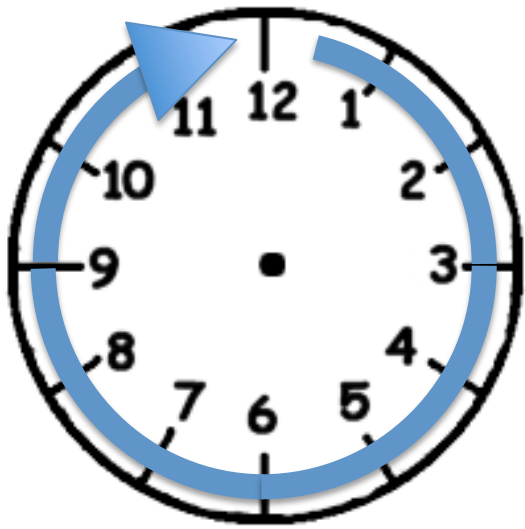
2 Dig trenches and pit.



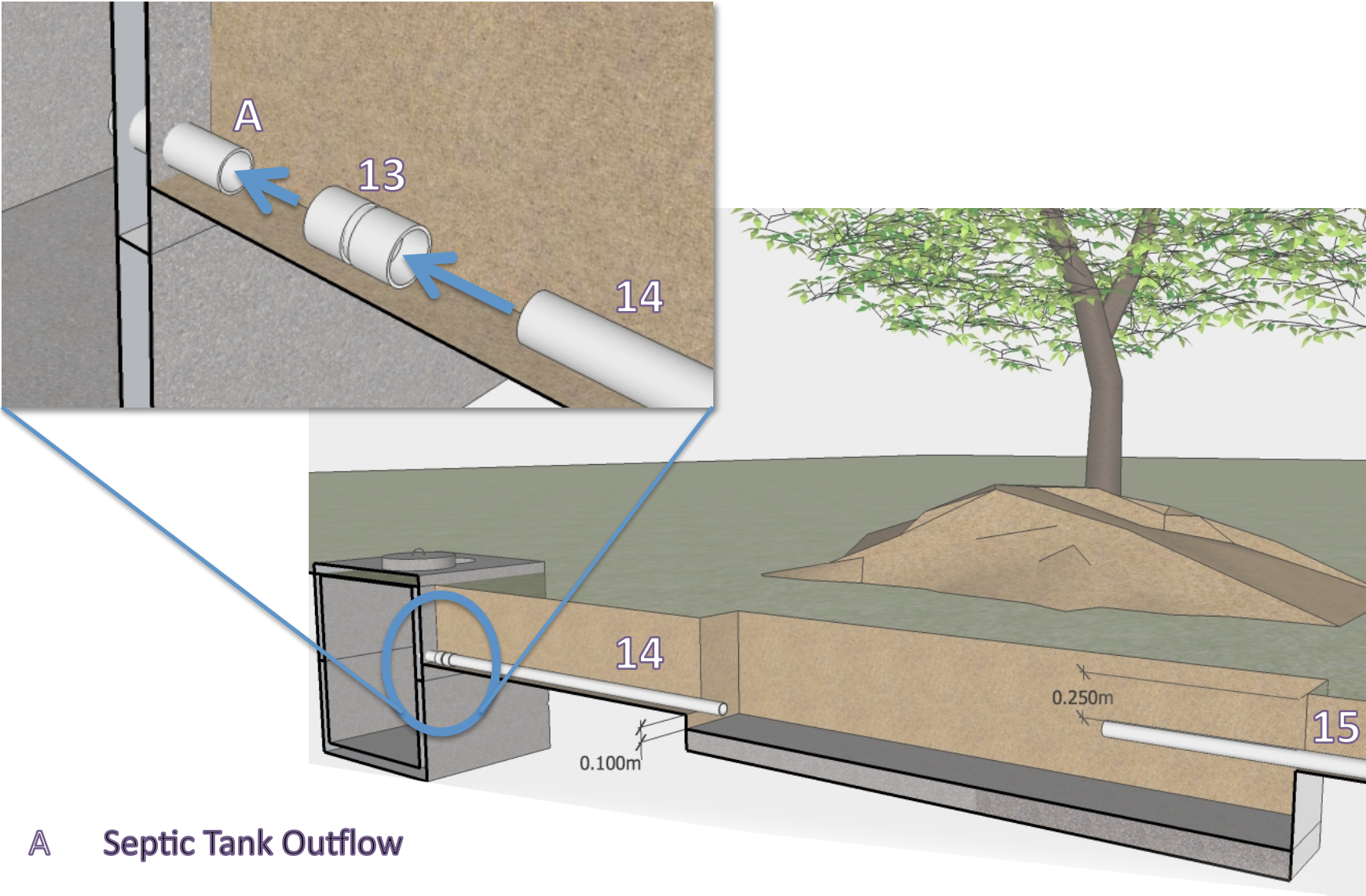
3 Pour concrete in pit (See concrete step-by-step instructions).



4 Let concrete cure.

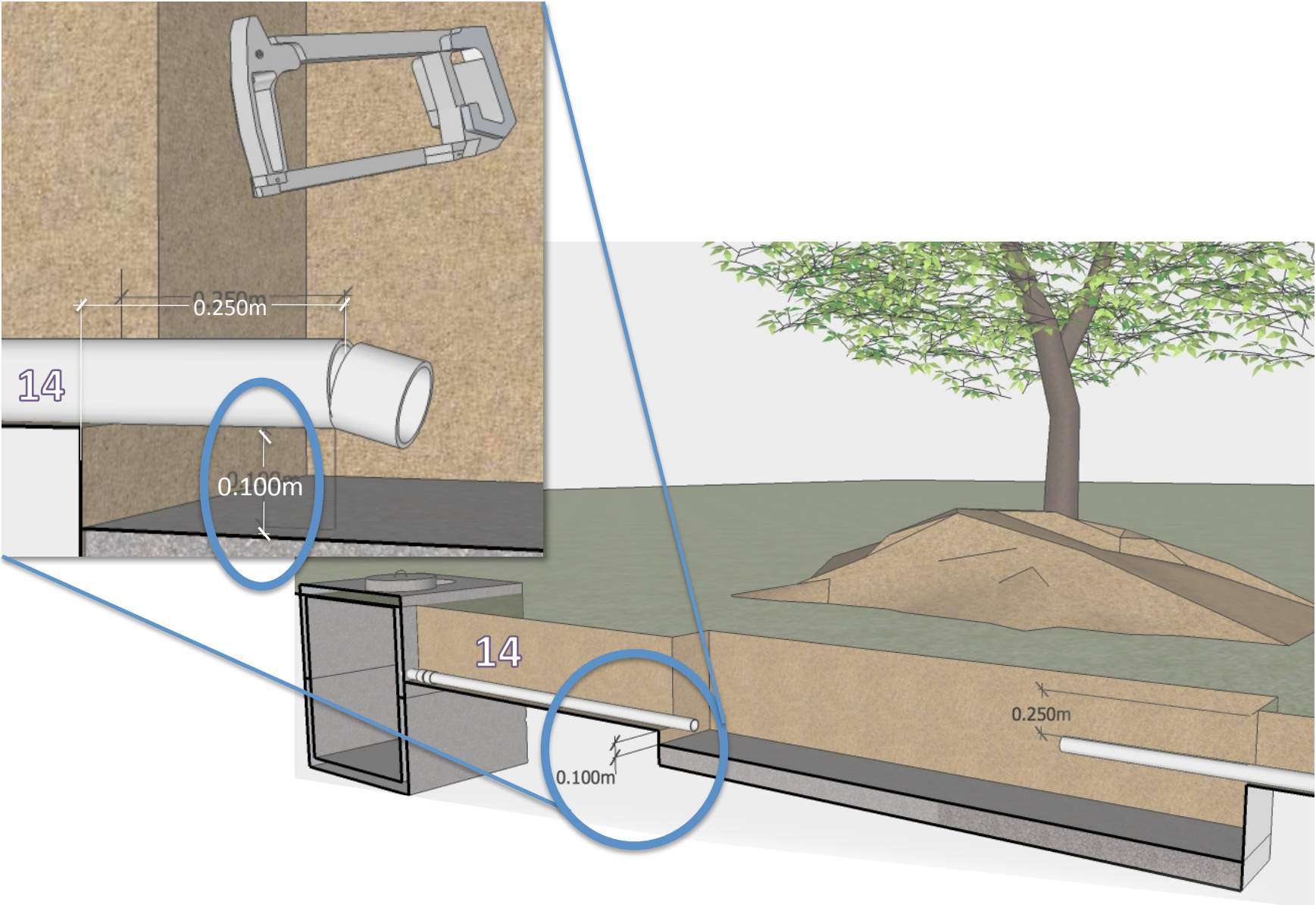


5a Lay pipes and attach waste water garden inlet pipe to septic tank outflow.

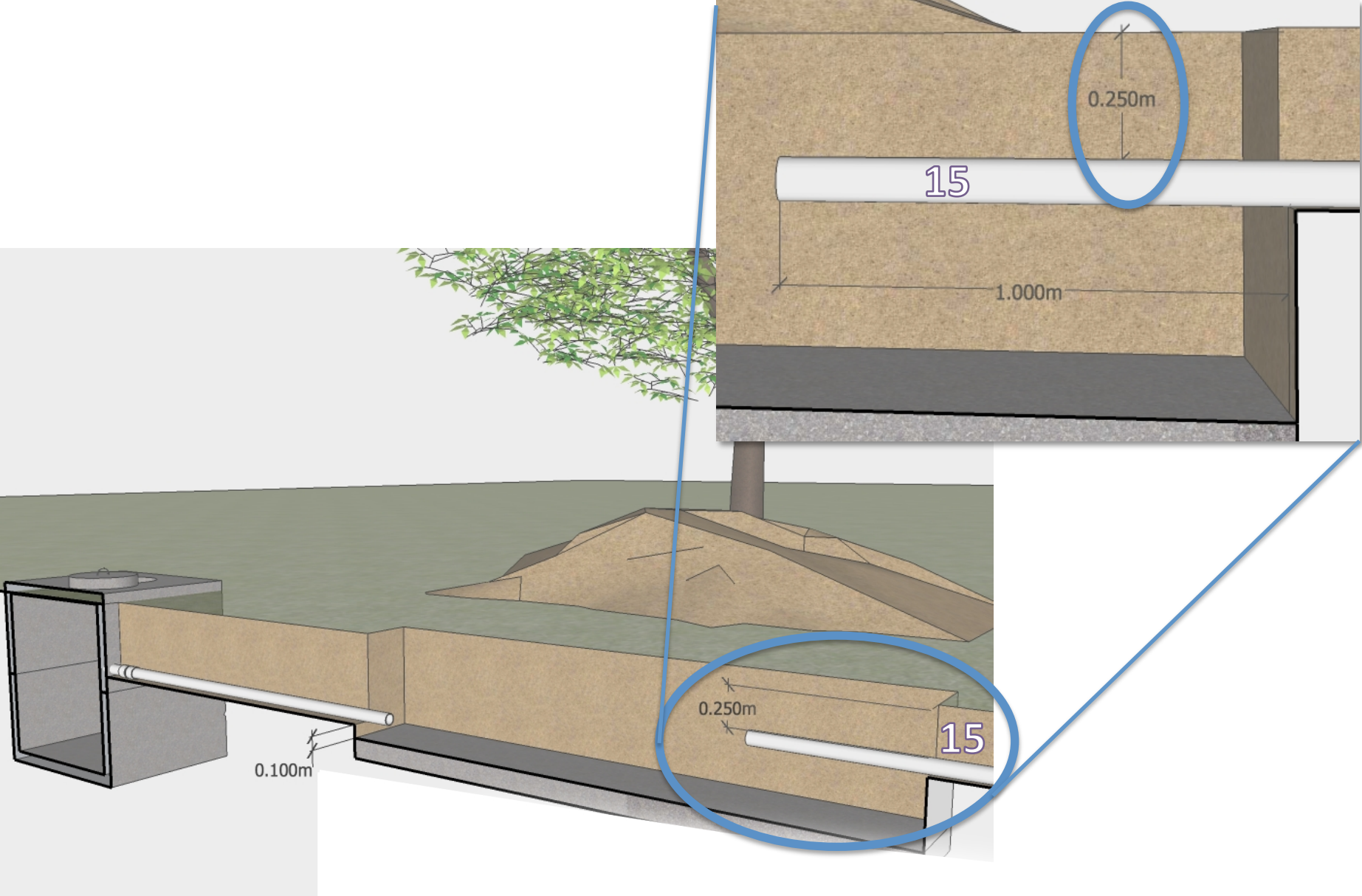


A Septic Tank Outflow

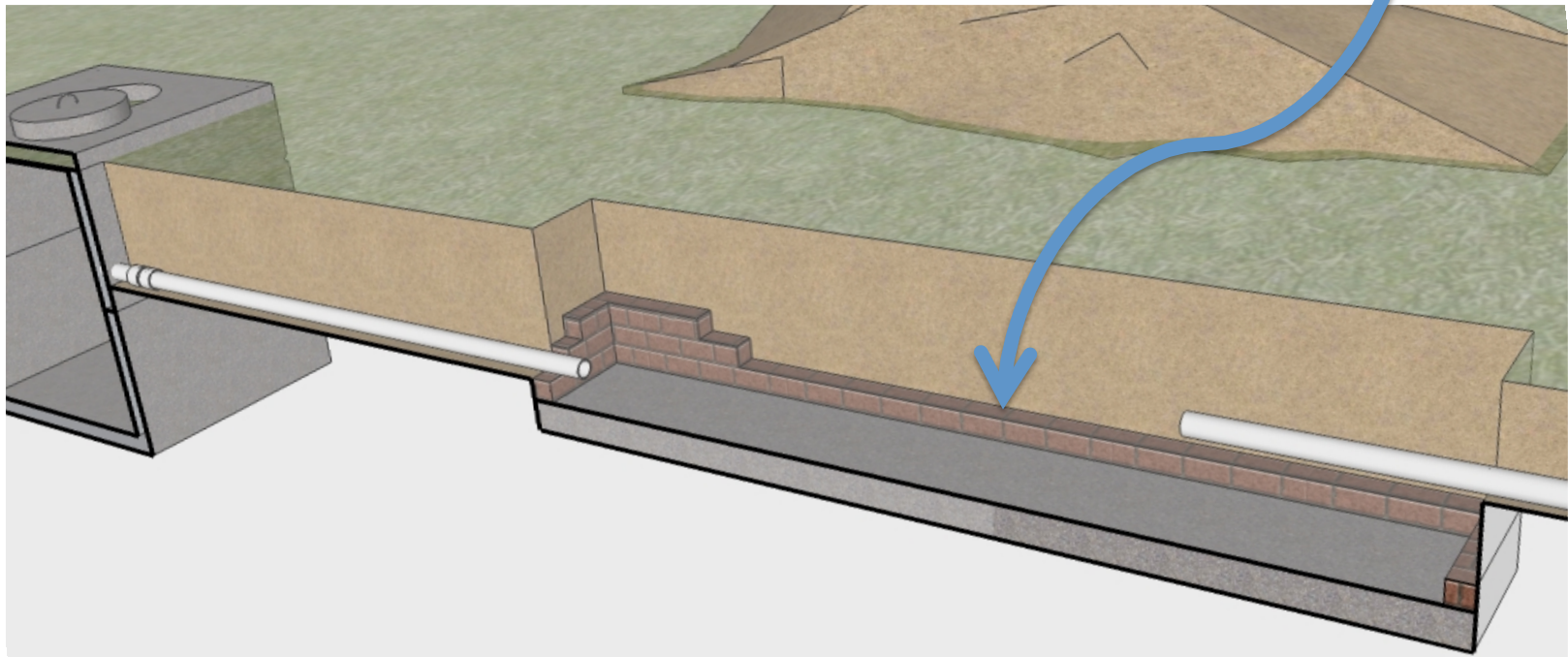
5b Lay Inflow pipe 0.1m from the bottom of the wastewater garden. Trim pipe.



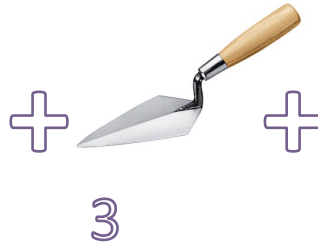
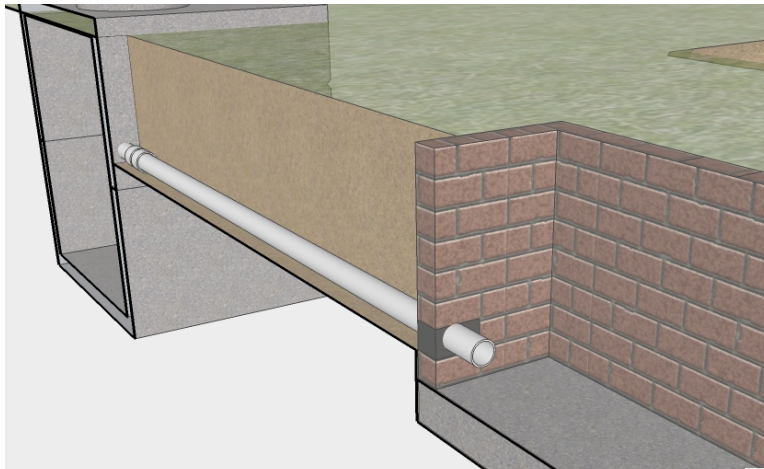
5c Lay outflow pipe at least 0.25m below the surface.



6 Lay a brick wall up the sides of the wastewater garden.



7 Cover wall and floor with clay.



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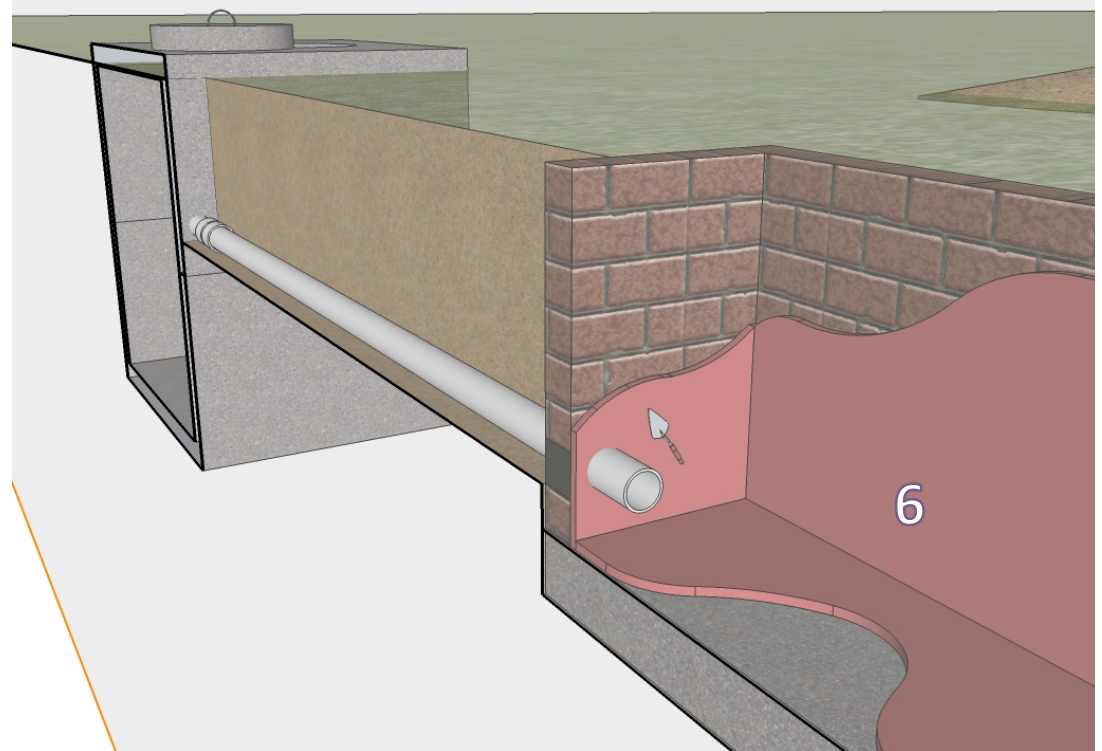


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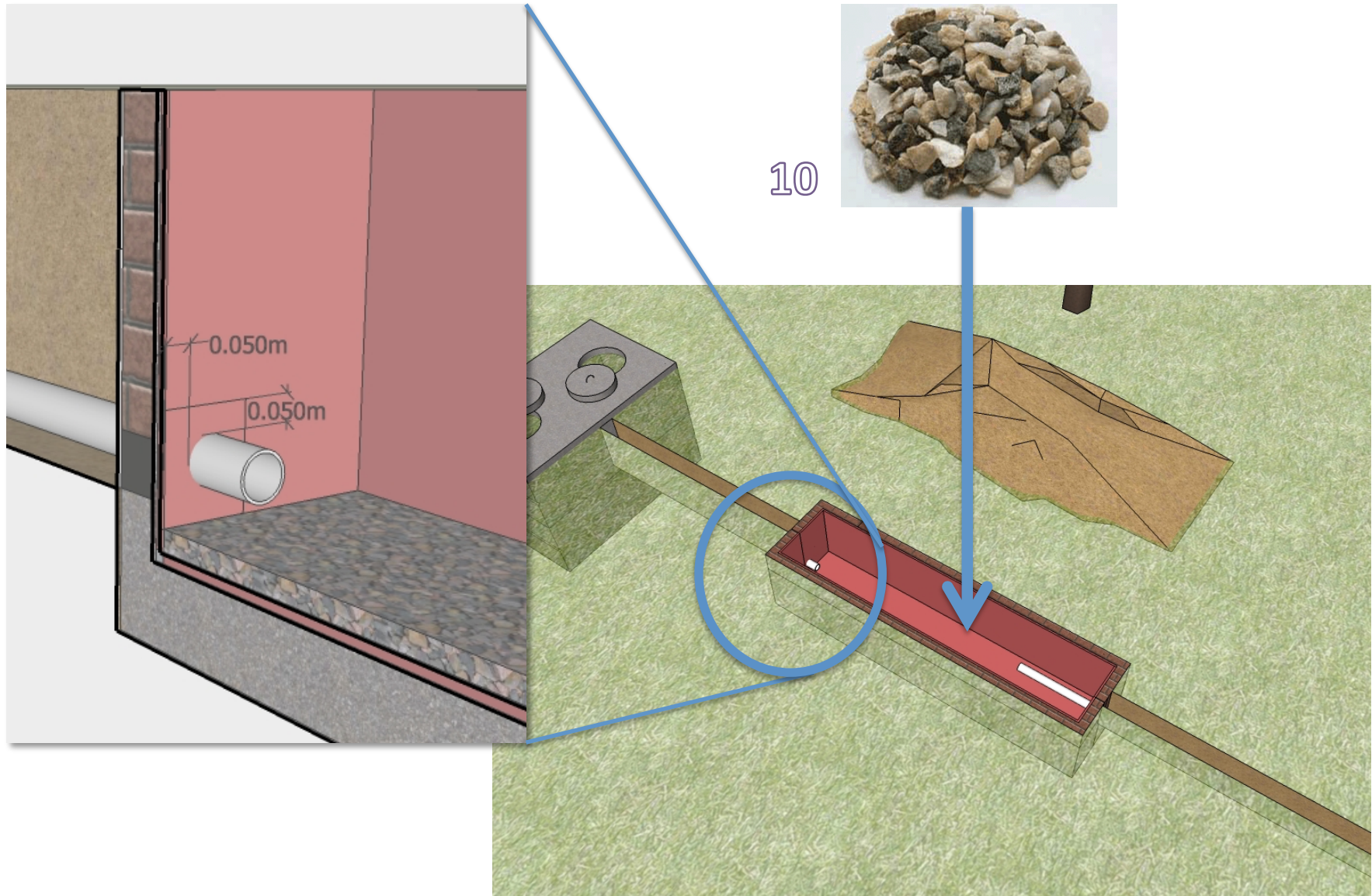
OR



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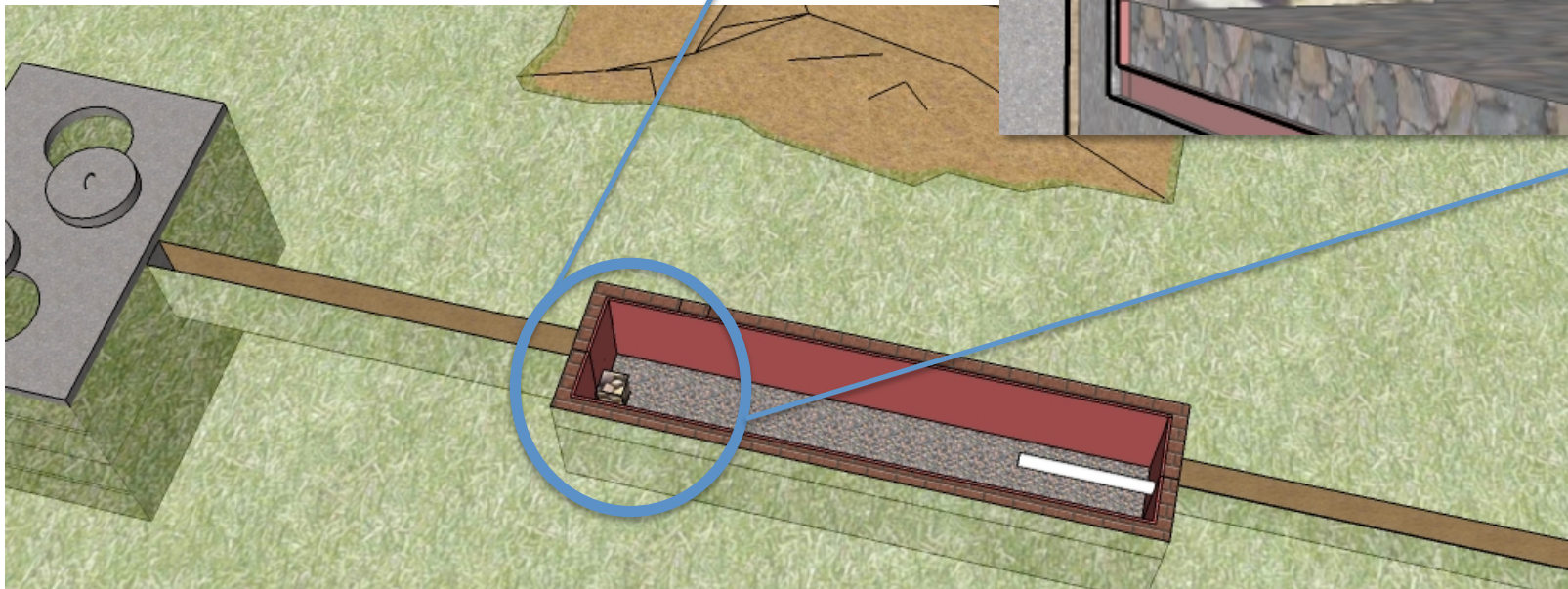
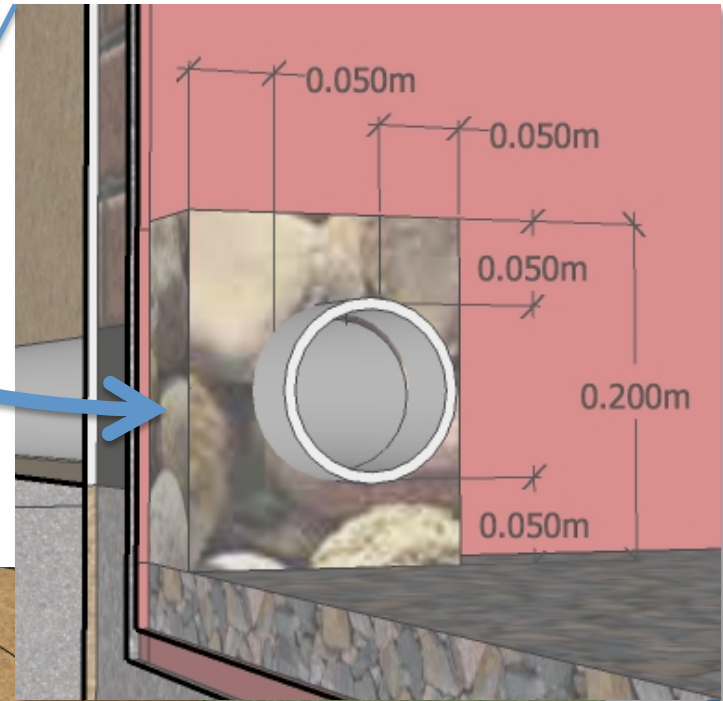
8 Lay fine gravel up to 0.05m below the inlet pipe.



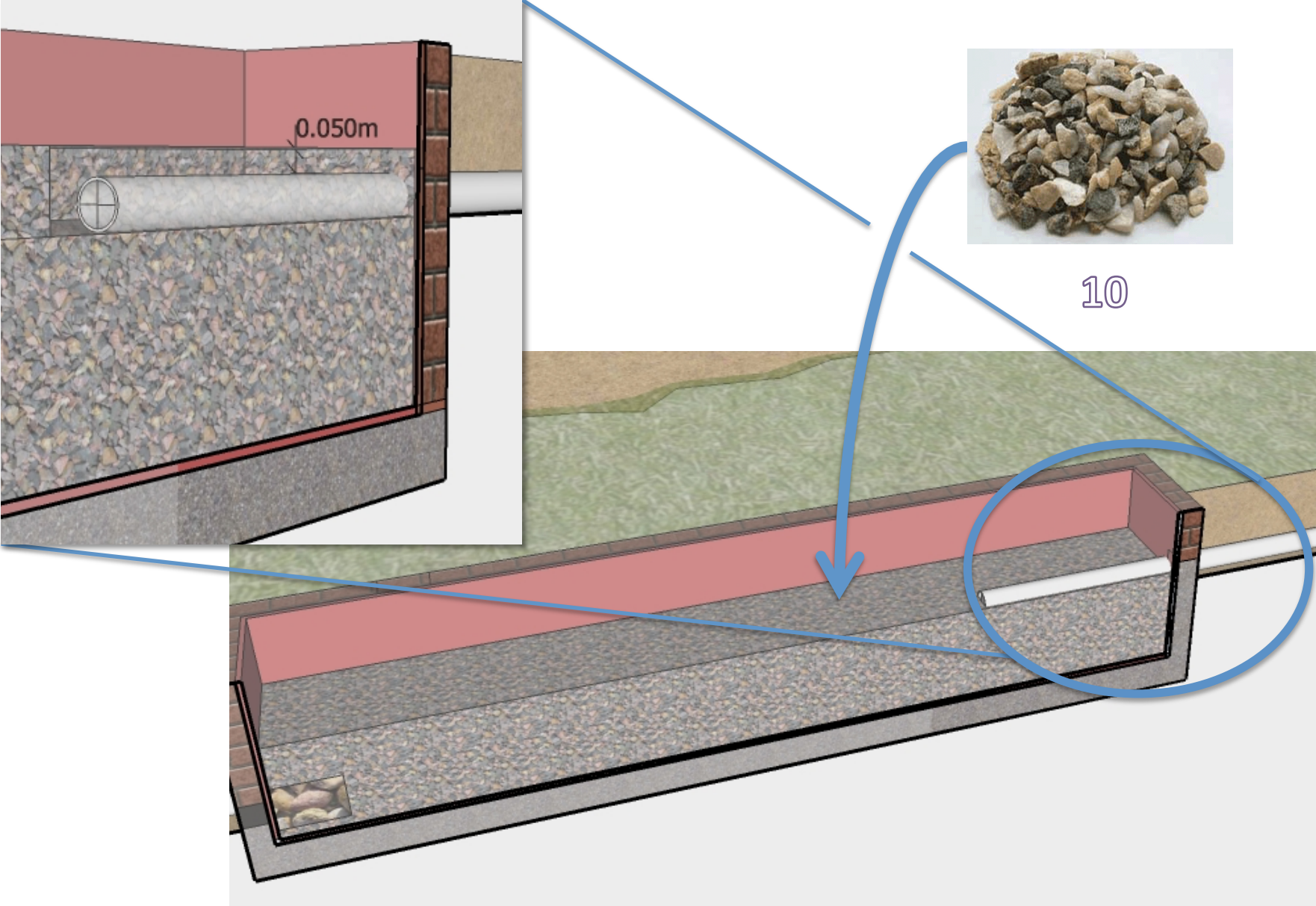
9 Lay course gravel around the inlet pipe. Radius minimum: 0.05m



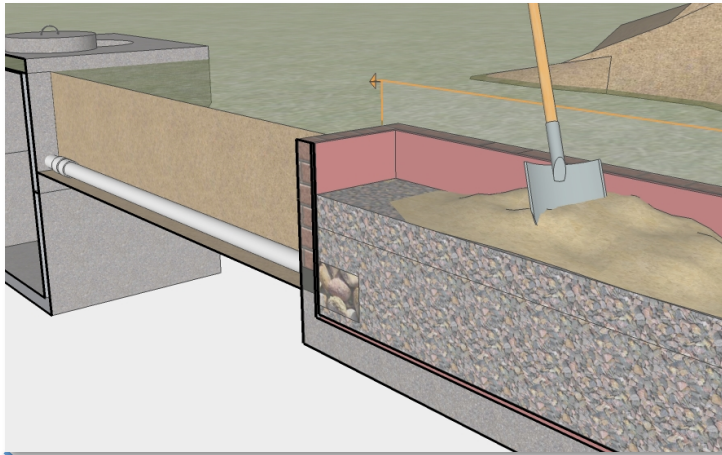
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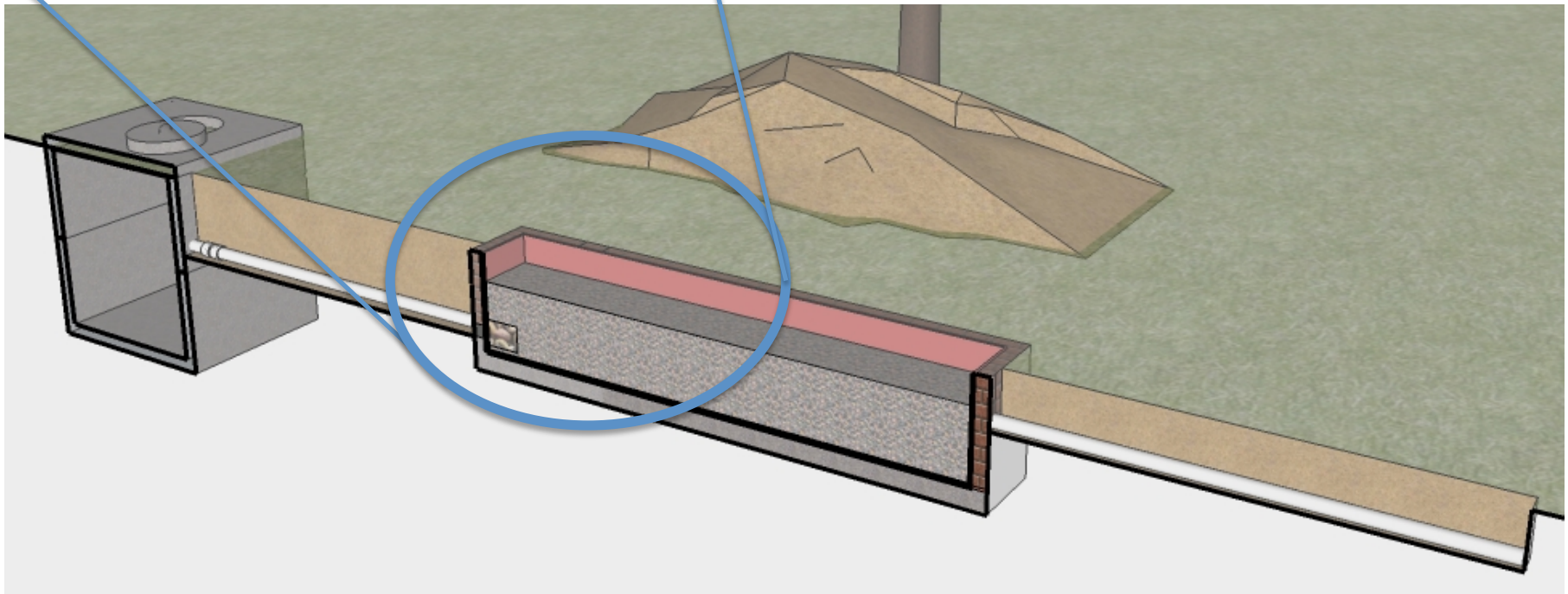
10 Fill wastewater garden with fine gravel to 0.05m above outflow pipe.



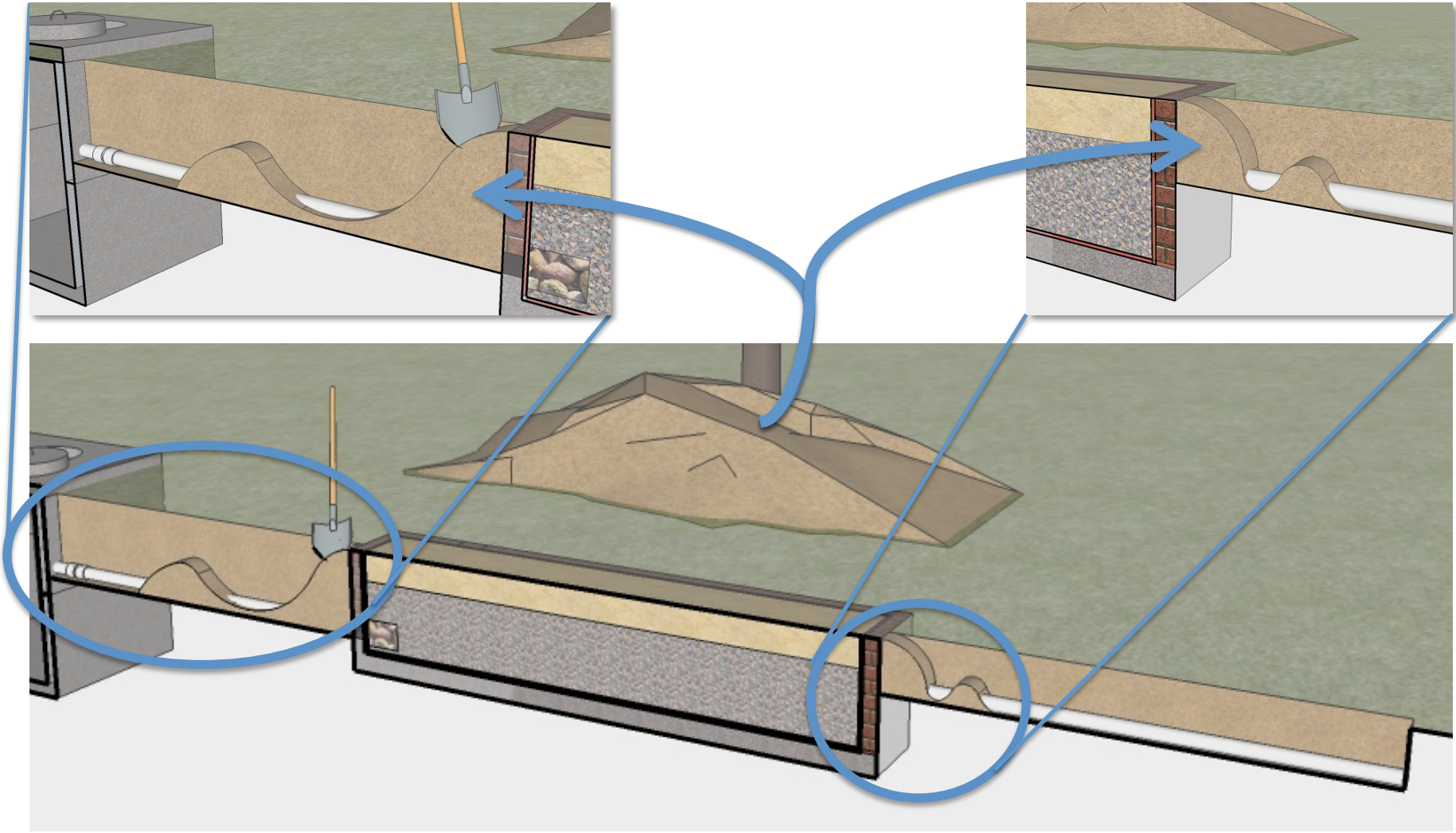
11 Fill remaining space in wastewater garden with sand.



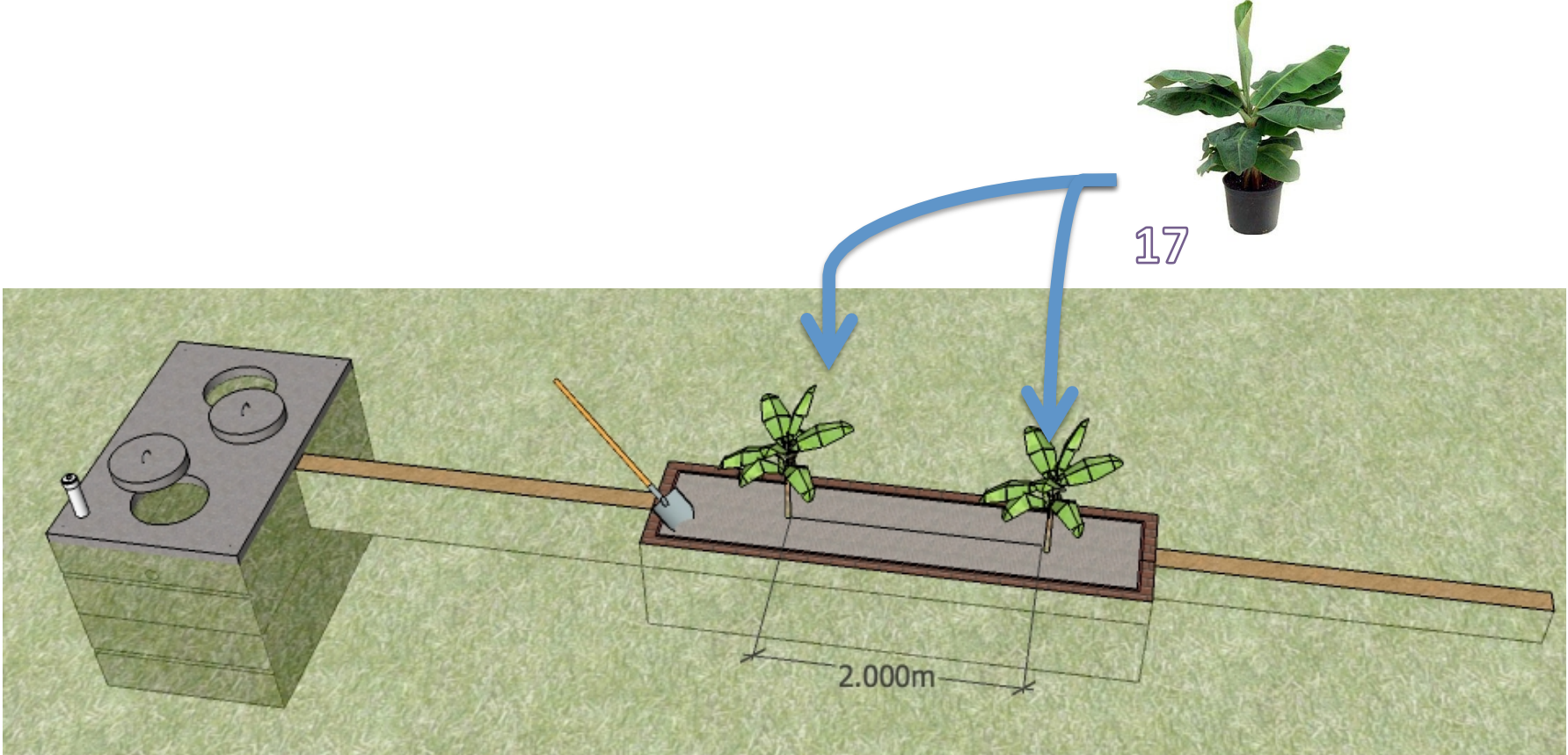
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12 Fill trenches with soil.



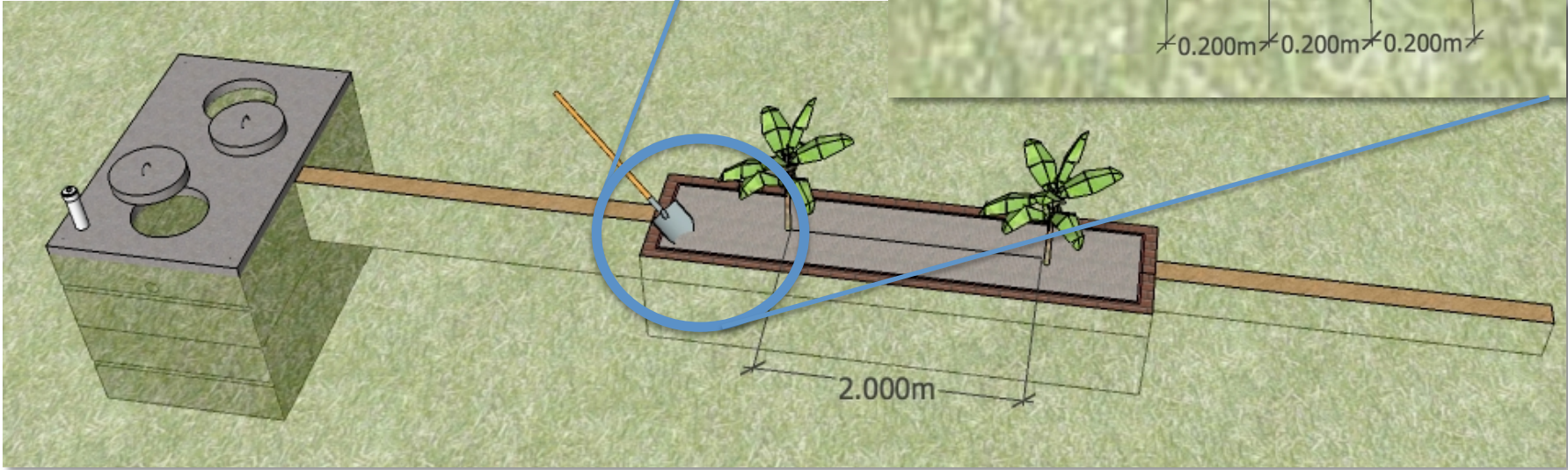
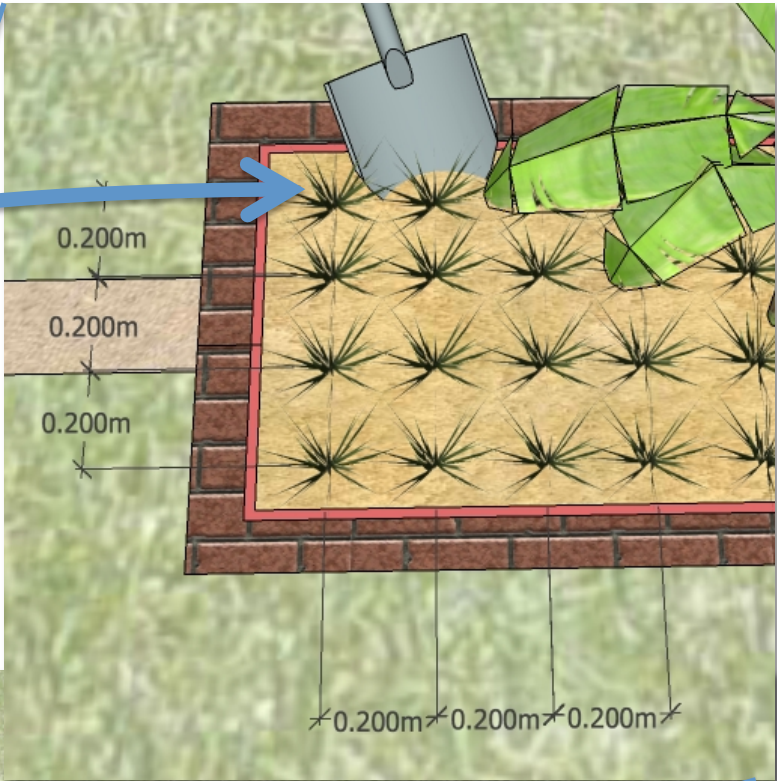
13 Plant banana trees 2m apart and centered in the wastewater wetland.



14 Plant Vetiveria grass 0.02m apart in the wastewater wetland.



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Done!

