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## **Description of the refurbishment project of the Tuomarila allotment area**

### **1. Drainage of the area will be improved through subsurface drainage and the rehabilitation of open ditches**

- Some of the existing open ditches will be replaced with subsurface ones, and new paths will be built in their place to provide good access to the plots.
- The remaining lateral ditches (open ditches between plots) will be restored and new ones dug if necessary.
- Outlet and catching ditches will be restored and culverts replaced where necessary.

### **2. Gravel pathways, 1.2 m wide, will be built between the plot areas**

- New pathways make movement easier.
- The width of the pathway, with their verges included, will be 3.0 m, which will allow for upkeep in the future.
- Culvert bridges will be built at the crossing points of open ditches.

### **3. All boundary stakes and plot numbering will be renewed; boundary lines will be straightened; the plots will be dimensioned to the same size**

- The replacement of the boundary stakes clarifies the boundaries of the plot areas and makes the plot sizes identical.
- The plot area will be about 100 m<sup>2</sup> (with a few exceptions).
- A gap of 25 cm will be left between the plots to clarify the boundaries.
- The numbering of the plots will be systematised.

### **- 4. Actions on plots that remain in place during construction**

- In the area of the existing plots that will remain in place, the soil will be dug up during the construction to avoid soil compaction and weeds. This way, the plots will be suitable for cultivation once the construction finishes.

### **5. Water points will be replaced and pipes installed underground**

- Renewing the water supply makes it easier to irrigate plots and ensures water sufficiency.
- New water points will be installed in such a way that water can be easily poured into a container; the tap will be fixed to a pole.
- There will be 35 water points instead of the previous 26.
- Installing the pipes underground will reduce their susceptibility to damage.

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- The pipes will be emptied at the end of the growing season and the water points opened at the beginning of the growing season, as at present.

**6. Some trees and shrubs will be removed**

- Trees and shrubs that impede the cultivation of the plots and the functioning of the ditches will be removed.
- Trees in good condition and not impeding the activities will be preserved and given room to grow.
- Small trees will be removed close to the temporary transplant area.

**7. 13 plots will be removed**

- Plots in locations unfavourable for cultivation will be removed from use.
- The existing plots 2, 9, 19, 153 and 162 are located close to the forest to the south and are in shade; improving the drying is also challenging as the plots are in a hollow.
- Plots 110–188 and 154 are located close to housing and shading trees, and improvements to drying and building a path between the plots and the property boundary will not be possible due to the limited space.

**8. 24 new plots will be established in places favourable for cultivation**

- Weeding and tillage as restoration measures; soil improvement where necessary.

**9. One plot will be reserved for persons with mobility limitations (No 91 LE)**

- The plot will have a rock dust surface and a foundation similar to the rock dust pathways.
- Plants can be cultivated in planter boxes brought to the plot as necessary.
- One parking space for persons with mobility limitations will be added.

**10. The excavation waste from ditch restoration will be transported away from the allotment area. The same applies to topsoil removed when building the pathways and new plots.**

- No 'waste soil' containing weeds will be spread on the allotment area.
- Any new soil required will be free from perennial weeds.

**11. For the duration of the plot area construction, a transplant area will be established for perennial/multiyear plants.**

- The transplant area will be sized about 400 m<sup>2</sup>, and there will be up to 2.5 m<sup>2</sup> of space for each plot.
- There will be a walkway from the current fitness pathway to the transplant area.

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- The transplant area will be built in early October 2022. Plot users can place the plants in this area between 17 and 30<sup>th</sup> of October. For other parts, the construction of the plot area will begin in November 2022.
- Plot users will be able to water and nurture the plants during the construction project since the transplant area reserved for them is outside the construction site, and a water storage tank for irrigation will be placed close to the transplant area. Plot users will be responsible for their own plants.
- Other structures and furniture on the plots must be disassembled and removed from the area completely for the duration of the construction work. At the beginning of the construction work, the City will remove any remaining structures and plants on the plots permanently. Bringing the structures back will be possible in accordance with the allotment rules once the construction ends.
- Building a larger transplant area or a separate temporary location for the structures is not possible as this would require the existing trees to be removed extensively. The parking area is also a part of the construction site, which makes it unsuitable for a transplant area. Moving and storing plants and structures in the middle of the plots is also not possible, since large machinery will require access to the construction site throughout the project so that all actions, such as shaping of the surface terrain, can be performed. At the same time, the plants and structures will be safe from damage during the construction.

**12. Parking area**

- The parking area will be marked with official traffic signs.
- The parking area will have a time limit of four hours.
- One parking space for persons with mobility limitations will be added.

**13. A new path access will be built from the parking area to the fitness pathway (connection to the fitness stairs)**

- The path will be 2.5 m wide and have a rock dust surface.