

# New Horizons

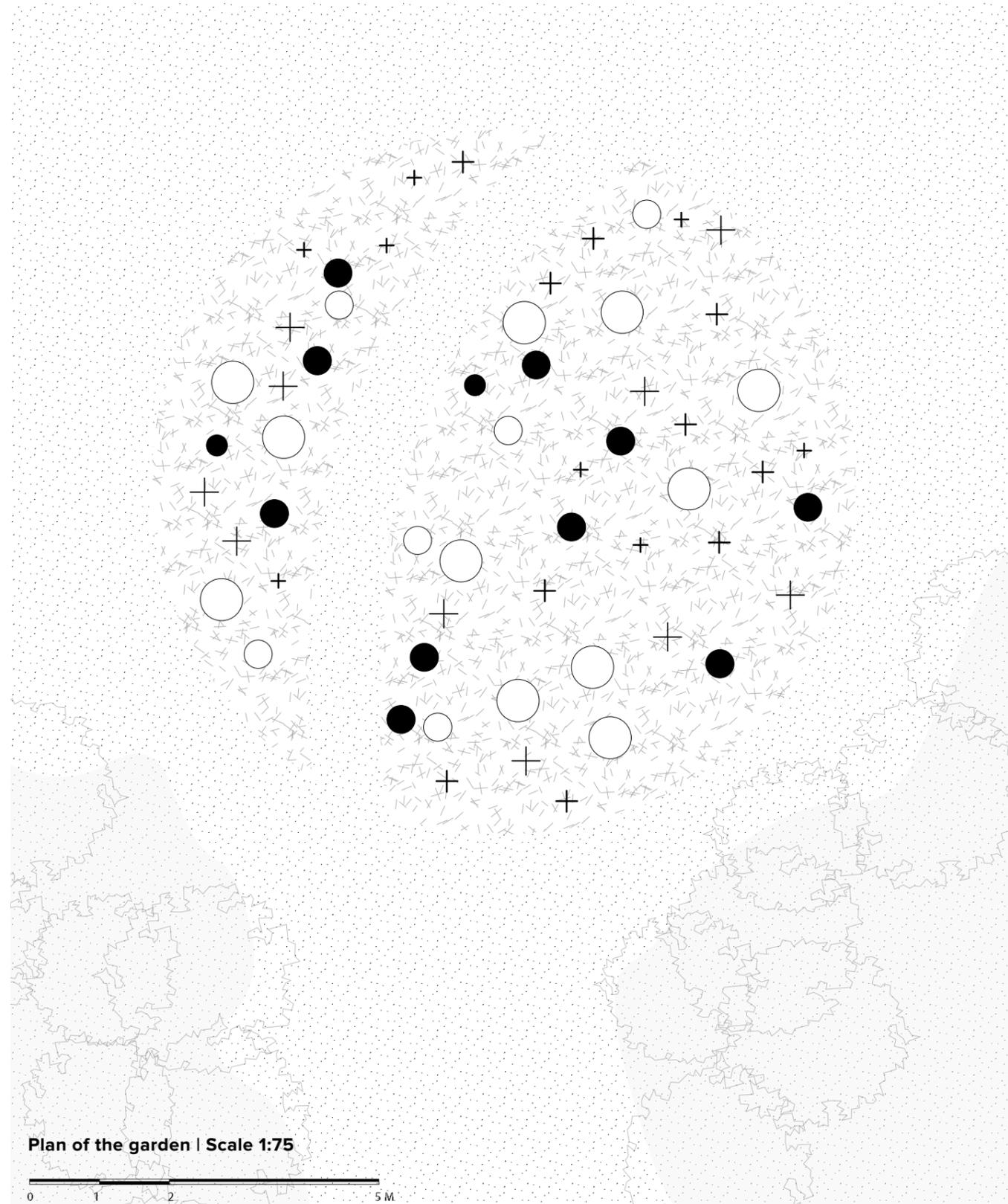
**New Horizons** is a living sculpture and a plea for soil life as a starting point for resilient nature and climate change **adaptation**.

**It makes the invisible visible:** the underground territory from the Reford Gardens is displayed in rammed earth columns built with clay from the site. Below-ground 'soil horizons' are exhibited as vital for nature development above ground.

**It creates conditions for growing a resilient forest community:**

the rammed earth columns are mixed with on-site organic material and plant seeds. Slowly the columns will decompose and nature will take over. The dug holes used to collect soil to create the columns will slowly erode, resulting in a dynamic micro-topography with various habitats from wet to dry for diverse trees to develop.

**It is a time landscape:** throughout the 2-year festival timespan, visitors will experiment 100 years of forest succession: the soil columns can also be seen as remnants of a 'forest that was' (i.e. stubs of the spruce trees that died because of climate change), with a new, rejuvenated and climate-adjusted forest gradually taking over; a gradual but tangible transition from the old to the new.



## Plant list: a pioneer palette towards an adaptive forest



Pioneer trees species that naturally improve the soil quality: *Populus tremuloides*, *Salix bebbiana* and *Betula papyrifera*.



Rammed earth columns with organic materials added (300mm and 400mm in diameter). With time and erosion the columns will slowly decompose and release seeds, soil and organic materials that will speed-up soil ecological processes.



Herbaceous mixture and wild flowers for soil humus protection



Holes dug to collect rain water (400mm and 600mm in diameter). The soil is used for the columns. With time the holes will slowly erode resulting in a dynamic micro topography.



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Perspective view of the garden (prospective view for the end of summer 2022)

## Garden development throughout the 2-year festival timespan

Elevation in time - scale 1:100

