



Urban Square Landscape

最新城市广场景观

高迪国际出版有限公司 编
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MATHILDE SQUARE

Eindhoven, The Netherlands

马希尔德广场

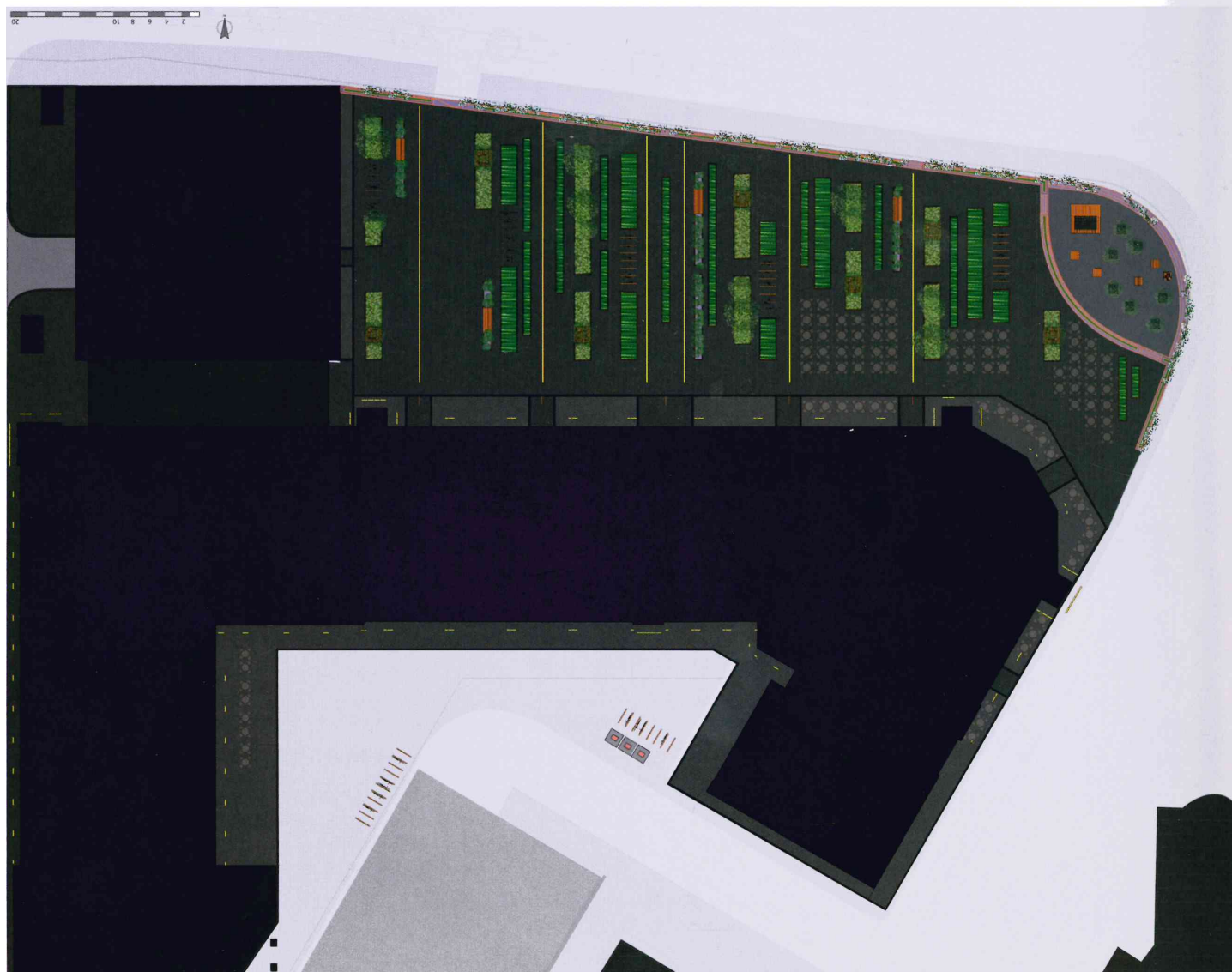
At the foot of one of Eindhoven's most important industrial icons, the Philips Light Tower, Buro Lubbers designed a new square. A pergola overgrown by wisteria and roses offers passersby a transparent glimpse of the tranquil and green atmosphere. Here one can, after shopping or a long day at the office, quietly enjoy a drink on a terrace or sit down on a bench among lush plants to escape the hustle and bustle of downtown Eindhoven.

The amorphous form of the planning area demanded an exact structure that brings serenity and also guarantees an optimal view of the Light Tower. The design concept is therefore based on rigid lines that run counter to the building. A feel of human scale is the result. The unity of the design is kept by using consistent shapes and materials: a dark gray concrete slab, robust Corten steel planters, and warm looking wooden benches. The gray carpet is laid in a rigid, complex pattern and is surrounded by a plinth that distinguishes the square from the building and also

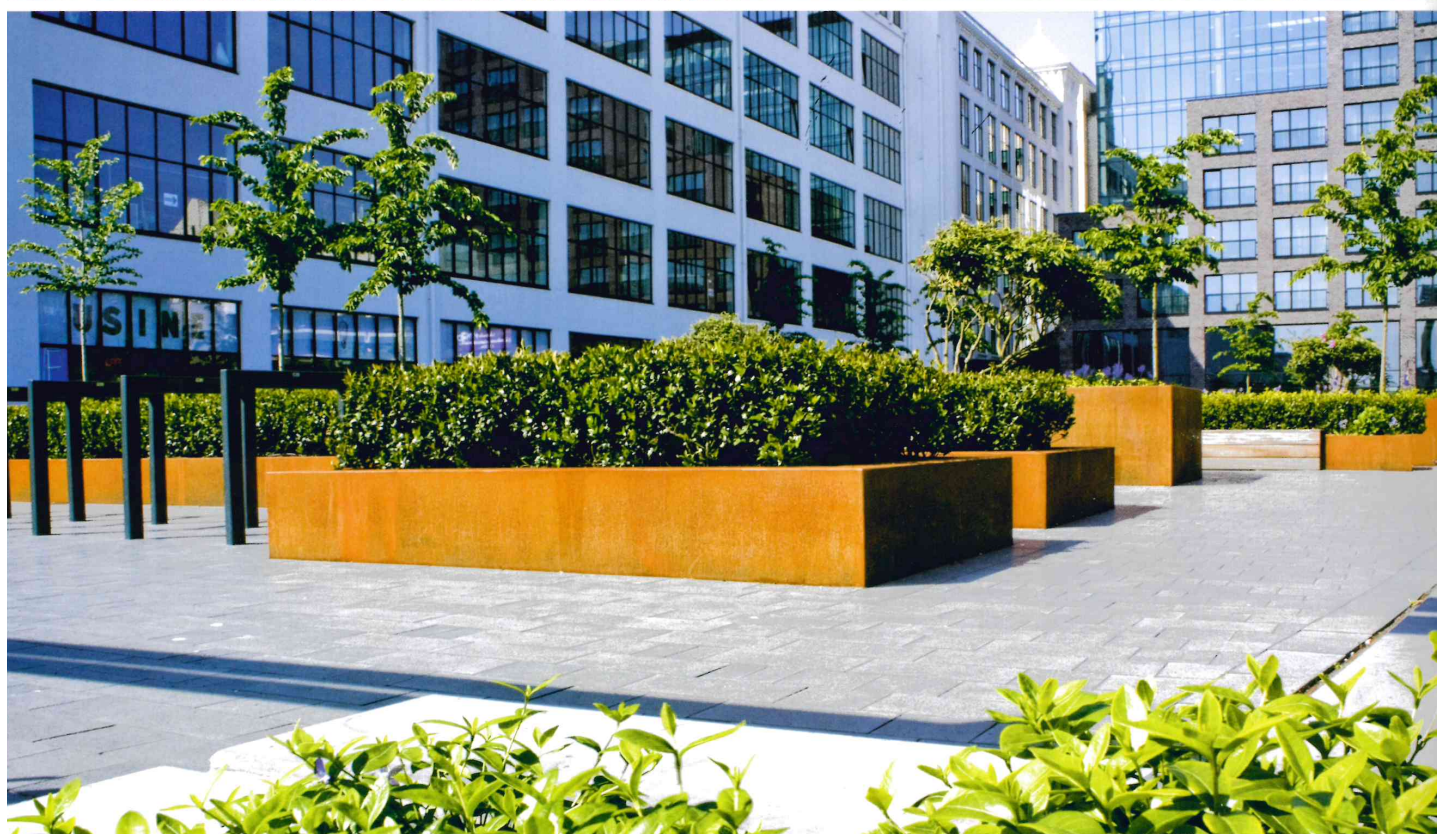
highlights the difference in level between the parking deck and the environment.

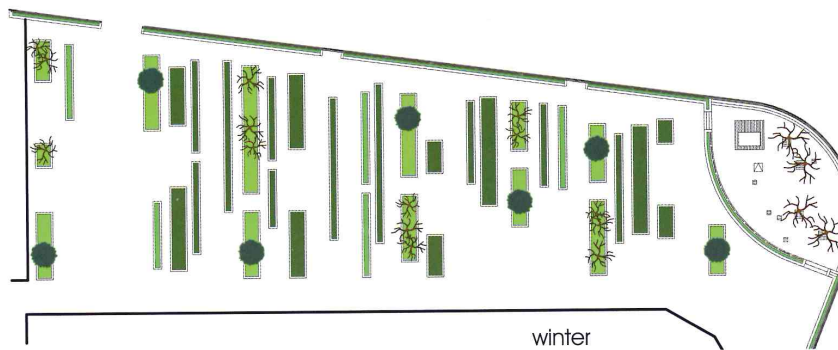
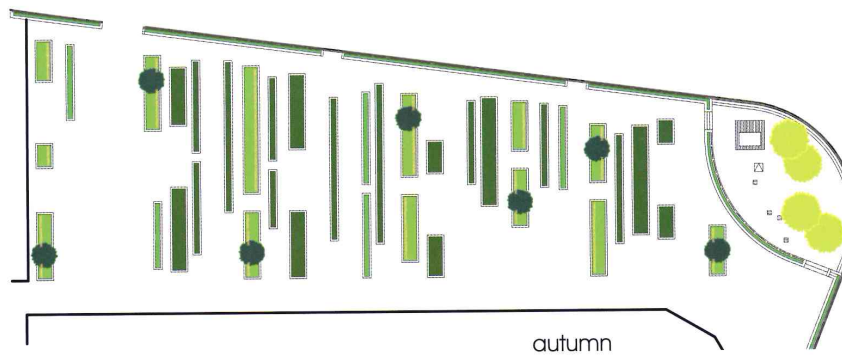
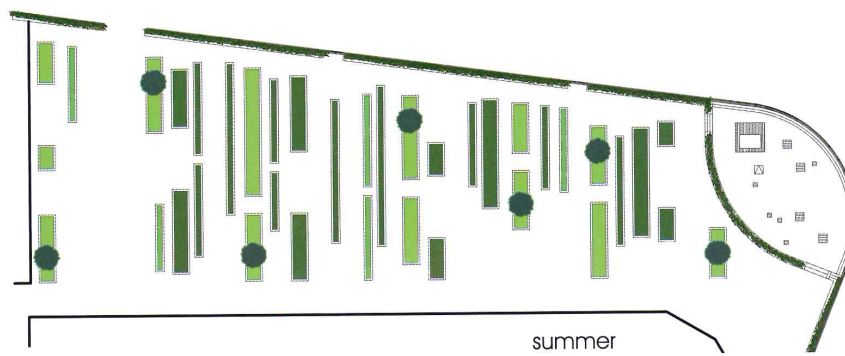
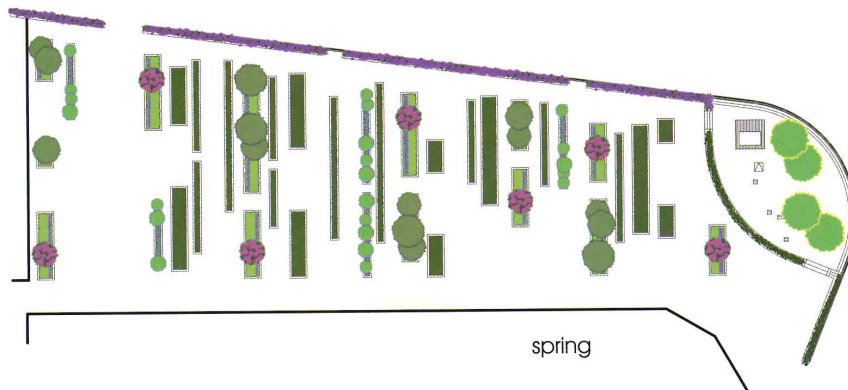
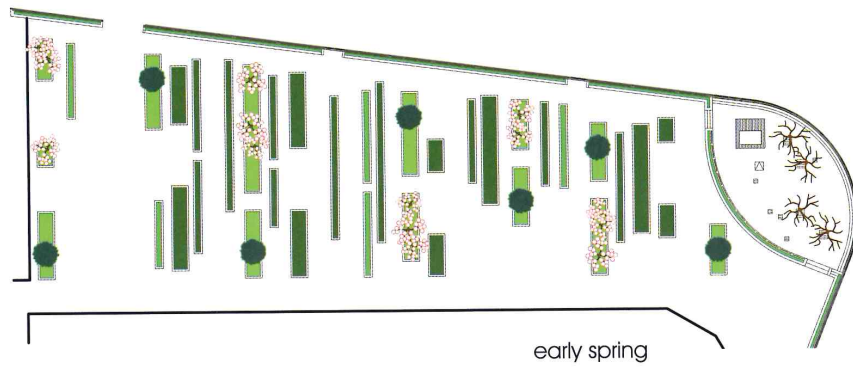
Elongated Corten steel planters create a stripe pattern. This produces alternating open and closed spaces, suitable for routing and terraces. The stripes of varying length, width and height integrate wooden benches and bicycle stands.

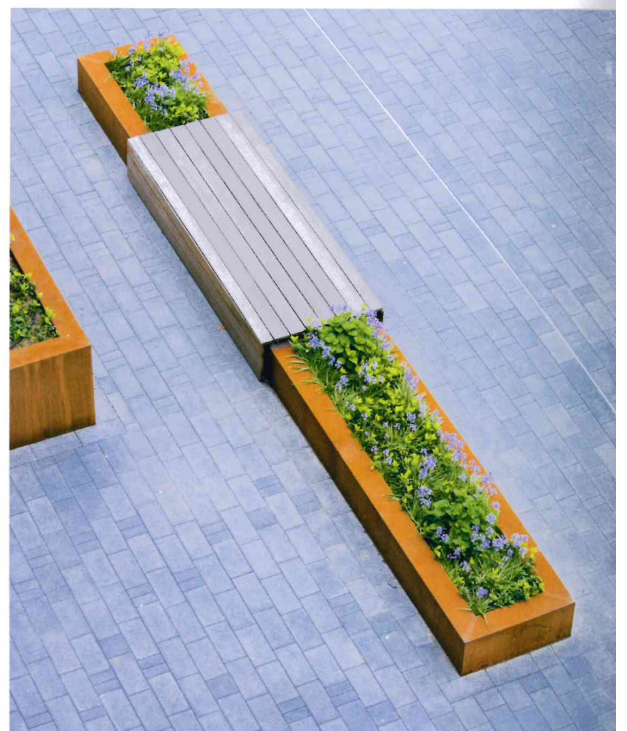
Mathilde Square was a challenge not only in terms of its design and urban integration requirements, but also in its demand for technical finesse. Located on the concrete deck of a parking garage, there was little space between deck and ground level for drainage, the paving and other engineering structures. Furthermore, the square had to be kept clear for emergency services. Despite these conditions an ingenious drainage system of labyrinth drip hoses and a keen layout of planters and tiles are realised which add up to the overall quality of the square.



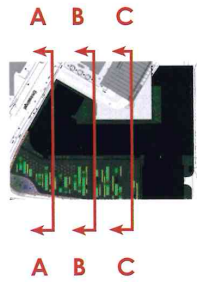
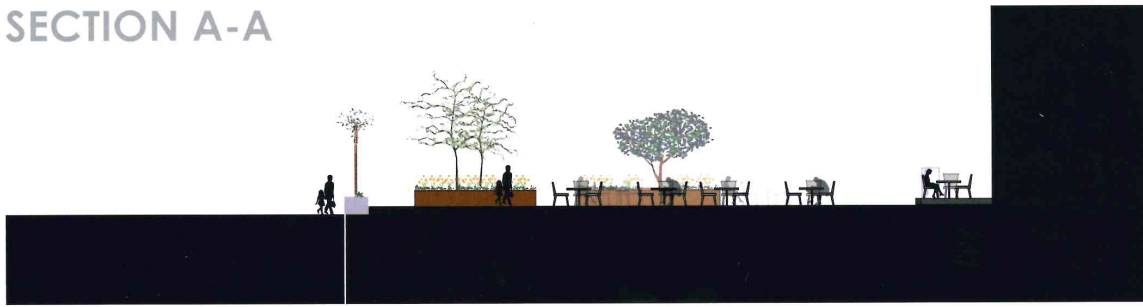




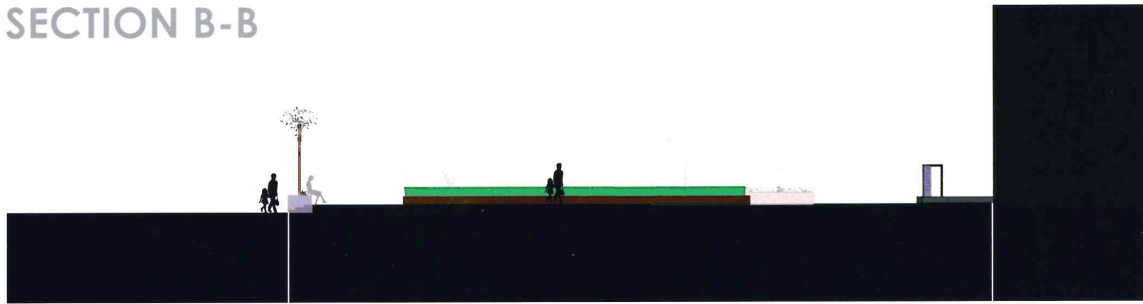




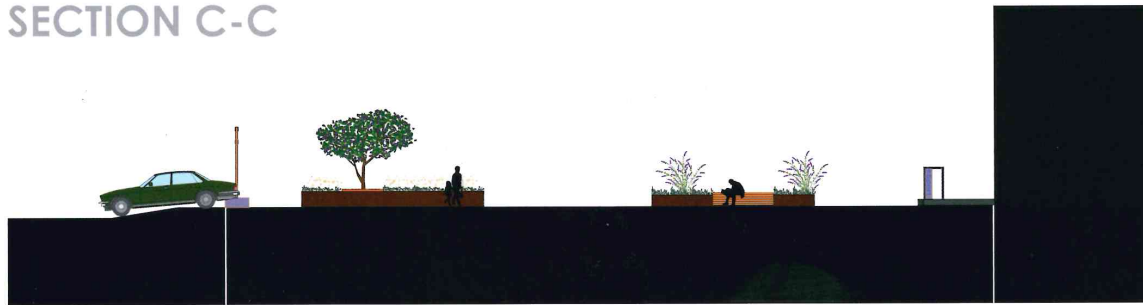
SECTION A-A



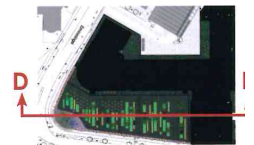
SECTION B-B



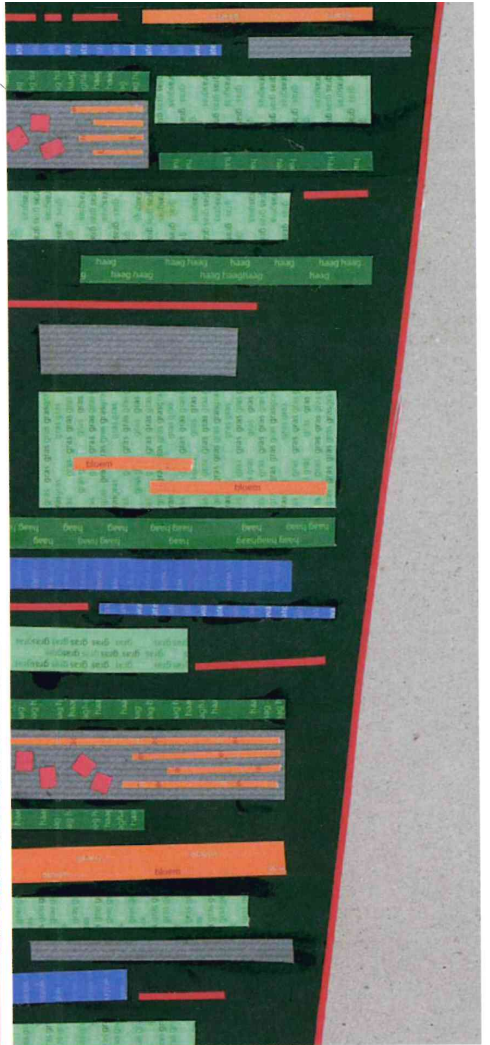
SECTION C-C



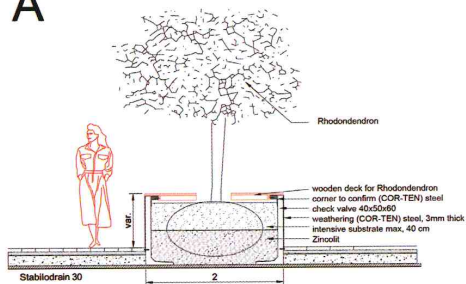
SECTION D-D







A

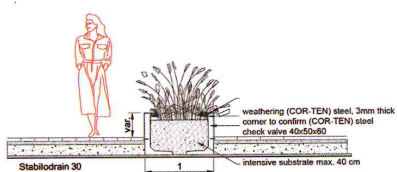


Planting stripe A with trees and perennial plants

GREEN STRUCTURE

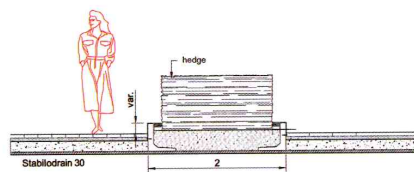
The green structure of the square is formed by the rising structure of single trees and at ground level by a range of green strips with plants varying in kind. The planting is based on the underground car park, requirements for each type of plant are located in the strips. The height, length and width of these plants vary. The diversity of strips and space provides an opportunity for routing, shelter and terraces. The strips will be attractive by the use of ever-green plants and seasonal flowers.

B



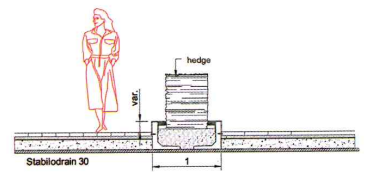
Planting stripe B with hedge

C

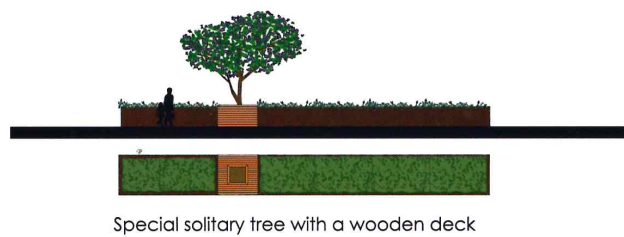
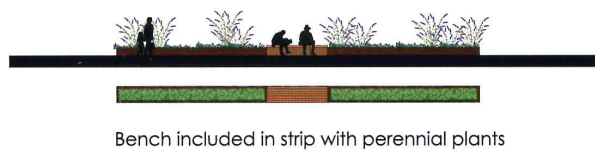
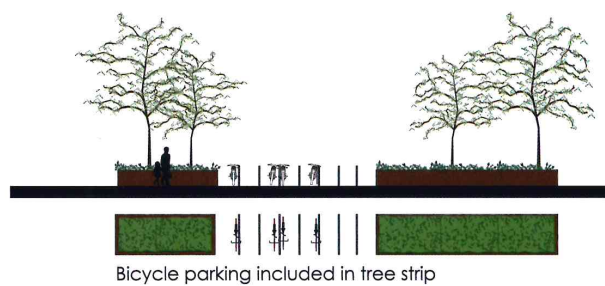
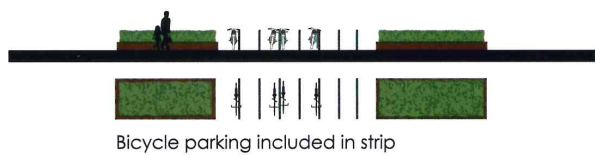
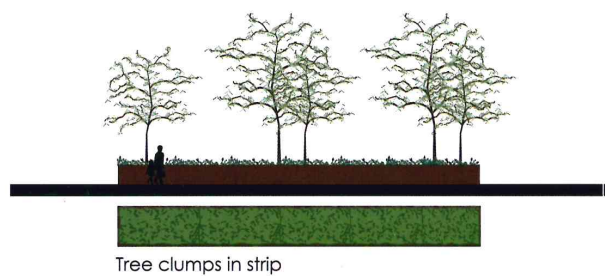
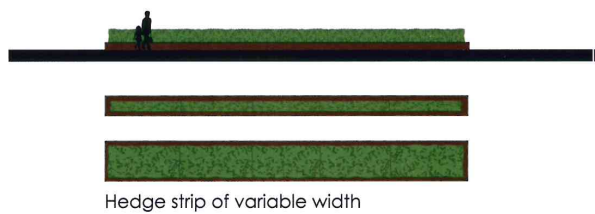


Planting stripe C with hedge

D



Planting stripe D with hedge



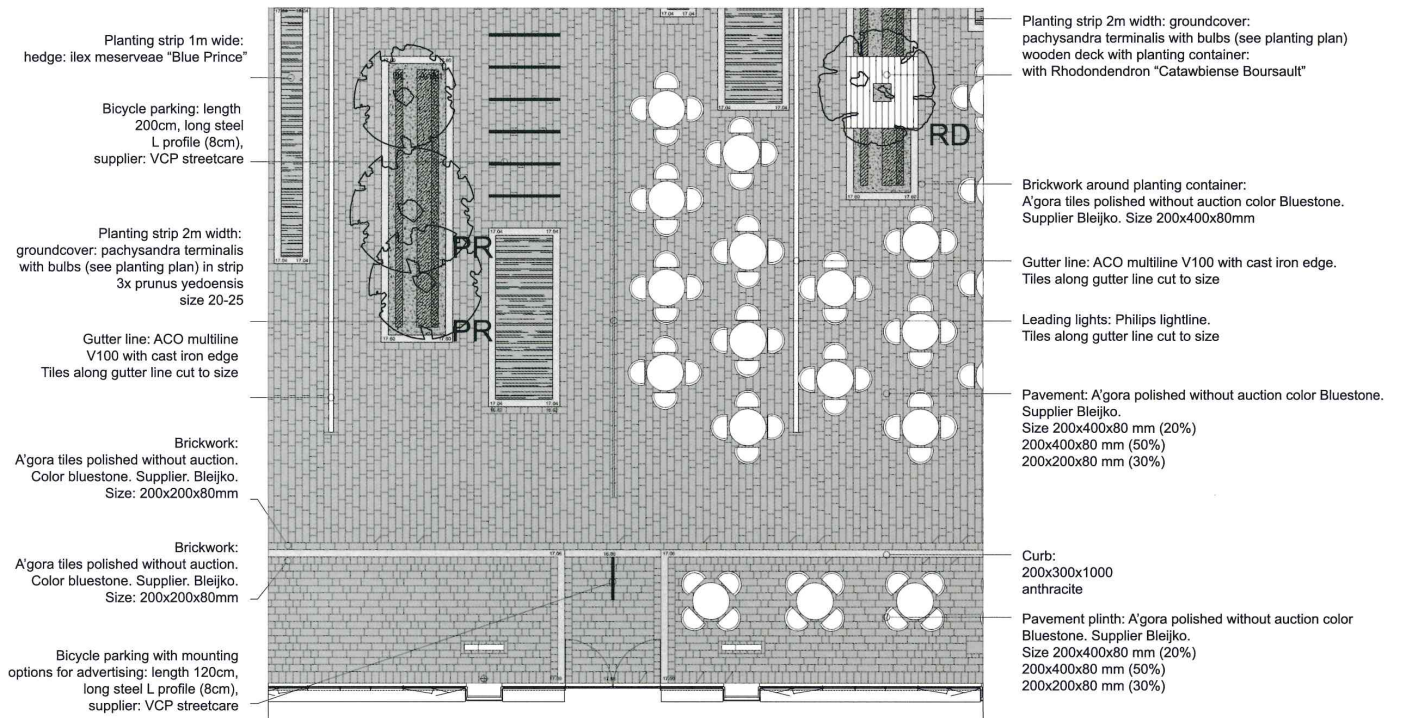


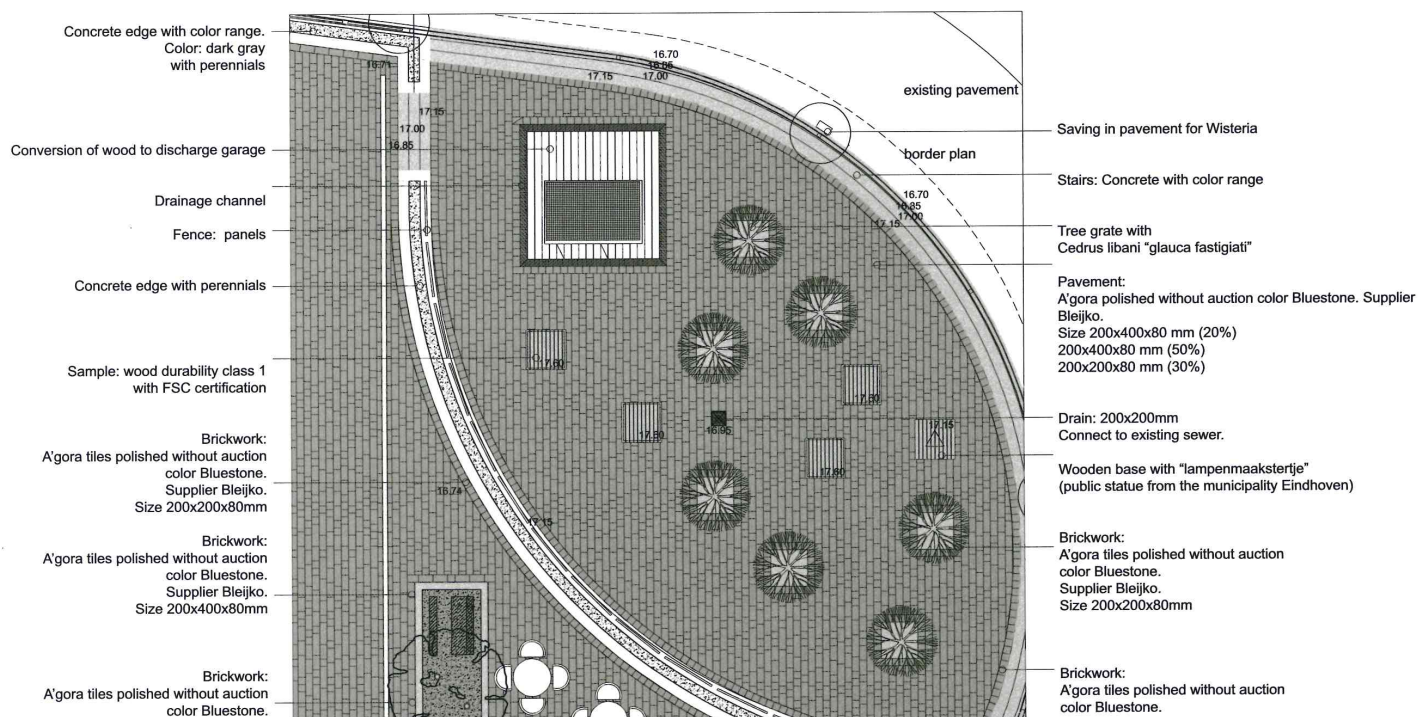
菲利普灯塔是埃因霍温市最重要的工业地标之一，由布罗·鲁伯斯事务所设计完成的马希尔德广场就位于灯塔脚下。广场上安静祥和的小路上方，柴藤和玫瑰属植物爬满了藤架，路人通过藤蔓的空隙可以看到别样的风景。在一天的辛勤劳作或购物后，人们可以在这里的天台或长椅上安静地享用一杯醇香的咖啡，或是远离喧嚣和忙碌，在郁郁葱葱的草地边享受埃因霍温傍晚的静谧。

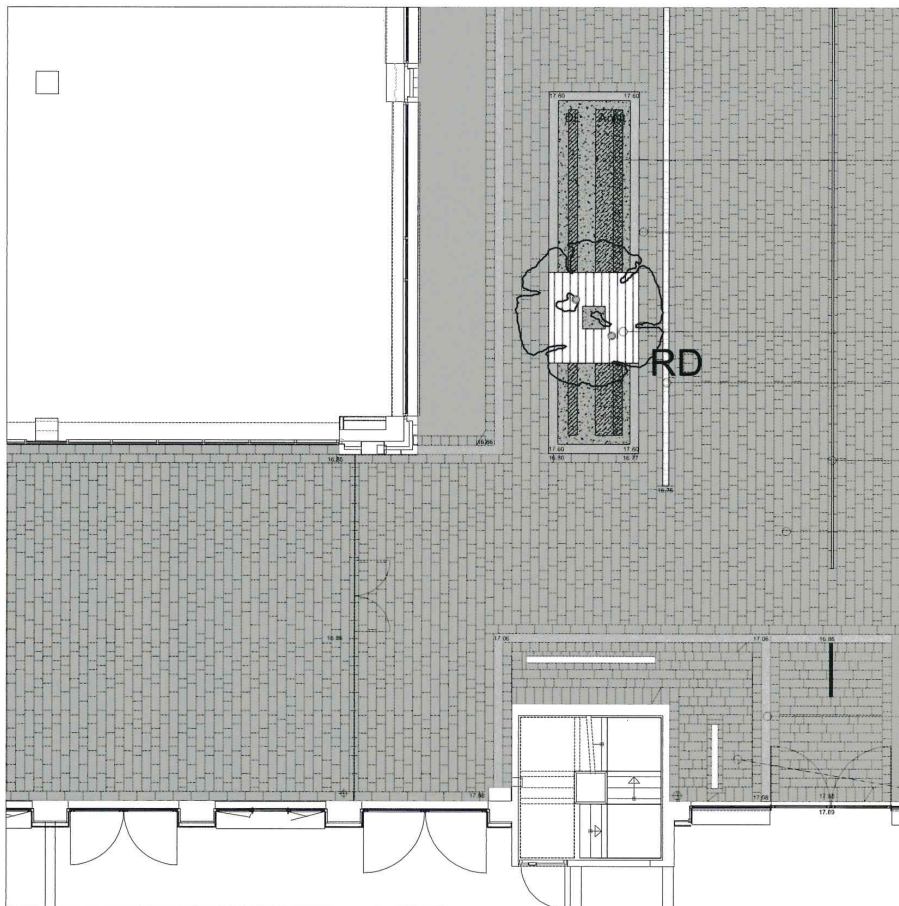
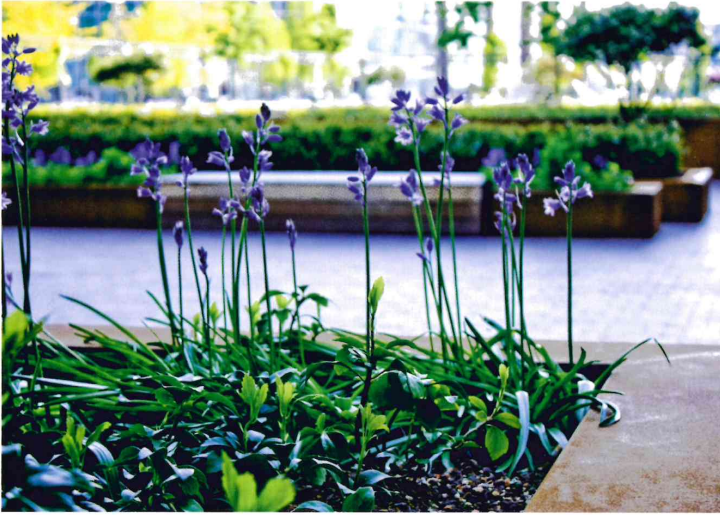
设计师们为整个广场的无序形状制定了严格的结构规划，营造出一种宁静祥和的氛围，同时，保留了观赏灯塔的最佳视角。设计的主要理念是大幅运用与建筑本身形成强烈反差的粗硬线条，一种强烈的人性深处的震撼感扑面而来。设计师们利用一系列的建筑形状和材质来综合表现整体设计风格：暗灰色混凝土路面、粗犷的柯尔顿钢制绿化架和暖色调的实木长椅。缓冲带上铺有硬材质的灰色复合地毯，四周是突起的底座，不仅表明了广场和建筑之间的界线，同时，也突出了停车场顶棚与地面之间的水平差异。

柯尔顿钢制绿化架呈条纹状向外延伸，隔离出开放空间和闭合空间，这样可以在适当的位置设置通道和台阶。不同长度、宽度和高度的条纹形状顺势分布，与实木长椅和自行车停放处融为一体。

马希尔德广场的设计规划十分具有挑战性，这种挑战性不仅来自于项目本身的设计和城市化进程的需要，更重要的是来自于技术处理方面的要求。广场位于一个地下停车场的上方，停车场顶棚与地面之间空间狭窄，很难满足排水系统、路面摊铺以及其他工程结构的需要。另外，广场上要保持空旷，以备应急服务部门的临时征用。尽管施工条件有限，设计师们还是在保证整个广场工程质量的基础上，巧妙设计并完成了迷宫般的排水系统和园艺陈设体系。







- Planting strip 2m width:
groundcover: pachysandra terminalis
with bulbs (see planting plan)
- Brickwork around planting container:
A'gora tiles polished without auction color Bluestone.
Supplier Bleijko.
Size 200x400x80mm
- wooden deck with planting container: with Rhododendron
"Catawbiense Boursault"
- Gutter line: ACO multiline V100 with cast iron edge.
Tiles along gutter line cut to size
- Leading lights: Philips lightline.
Tiles along gutter line cut to size
- Pavement: A'gora polished without auction color Bluestone.
Supplier Bleijko.
Size 200x400x80 mm (20%)
200x400x80 mm (50%)
200x200x80 mm (30%)
- Curb:
200x300x1000 anthracite
- Pavement plinth: A'gora polished without auction color
Bluestone. Supplier Bleijko.
Size 200x400x80 mm (20%)
200x400x80 mm (50%)
200x200x80 mm (30%)

