

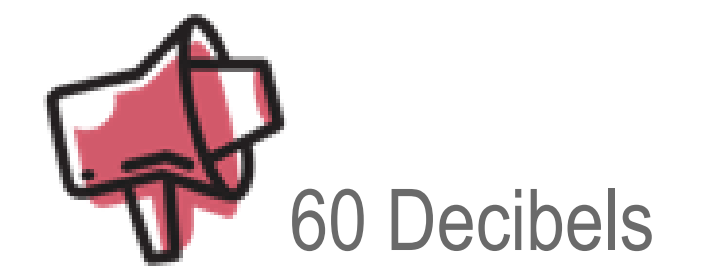
The concept of parklet, inspired from Park(ing) day is relatively a new concept (2008) and refers to the conversion of parking spaces into platforms for relaxation, social interaction and short stay [3]. Most of these facilities have a distinct design that incorporates elements of furniture, vegetation, bicycle racks [2] and meet the demand for social spaces in crowded urban areas [1]. The purpose of this project is to a scenario for the transformation of three parking lots, through specific landscaping interventions, located at the urban level of Cluj-Napoca city, on Constantin Daicoviciu Street no.9. The area is located in the city center, respectively towards the Museum Square, an area with high traffic, element that gives the proposed site an added value. For this reason, the intervention in the urban landscape is intended to be consistent with the atmosphere and character of the place. The materials and street furniture used in the new concept design, will be in correlation with the other existing elements located in the vicinity. Thereby contributing to the unity of the composition.

Scientific coordinator:
Sef. lucr. Dr. Sonia BODEA

A horizontal strip of seven photographs showing various types of doors and windows in different architectural styles and settings. From left to right: 1. A large, ornate wooden double door with intricate carvings and a semi-circular transom window with decorative glass. 2. A dark wooden door set within a stone archway, flanked by stone pillars and a small lantern. 3. A large, dark-framed window with multiple panes, set against a bright orange wall. 4. A weathered wooden door with a small transom window, set in a stone frame with a small number '1' above it. 5. A dark, solid door set in a stone frame, with a small step leading up to it. 6. A dark, solid door set in a stone frame, with a small step leading up to it. 7. A large, multi-paned window or door set in a stone frame, with a small step leading up to it.

Images of the atmosphere and character of the place - doors

The main inspiration that fueled the creative process from the smallest details to the final phase was the idea of a border, represented by a gate, which symbolizes the passage to an interior space - "ROOM". In this context the gate is the element that delimits two distinct areas, but accessible to the whole community. In the vicinity, all the buildings enjoy a simple and classic architectural style, specific to the old center of Cluj-Napoca. To fit within the concept, we chose to use complex, yet simple wooden doors as the first basis of the arrangement. Around this idea, we built an entire construction from the ground up, whose style was dictated by the surroundings. Another criterion that led us to complete the concept was the opportunity to recycle by reusing old wooden doors, out of use. With their help, both noise pollution and car emissions are significantly reduced and filtered through the formation of green barriers.



A level of 60 decibels was recorded in the area. The orientation of the space creates shade given the fact that street Constantin Daicoviciu is a very narrow one way street surrounded by buildings.

ROOM BAR&BISTRO

SIDE WALK

ZONE 1

ZONE 2

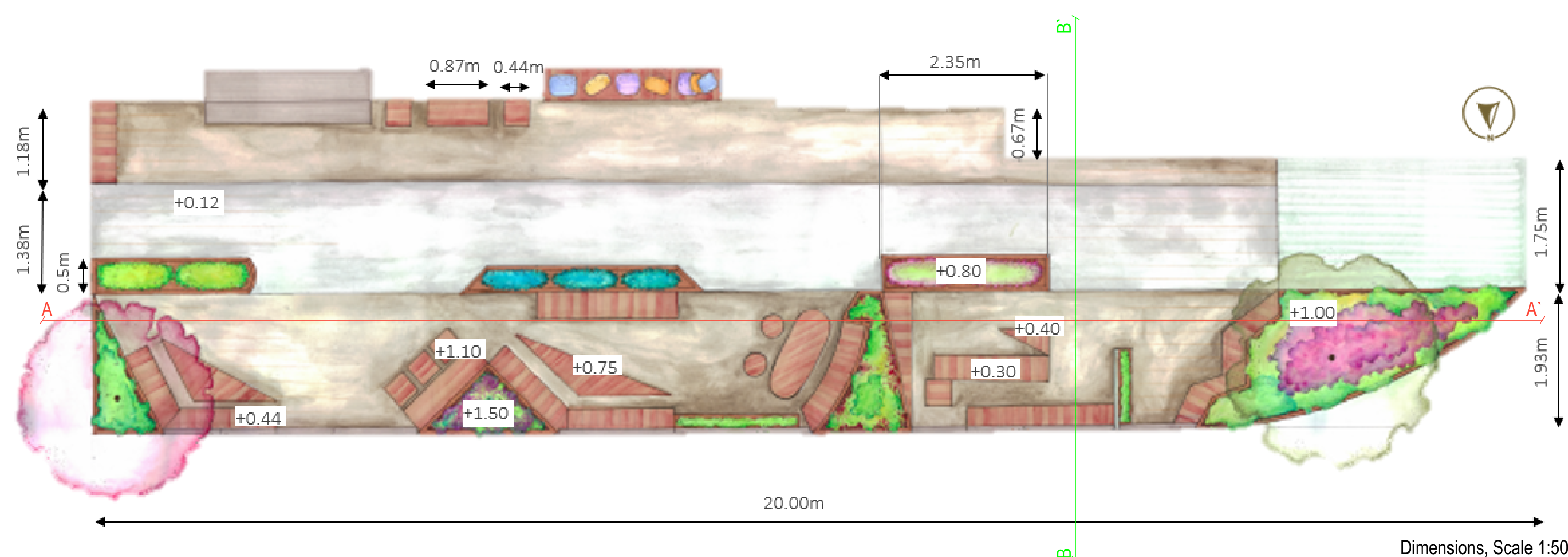
KERIGMA BOOK STORE

CONSTANTIN DAICOVICIU STREET

Parklet zoning, Scale 1:50



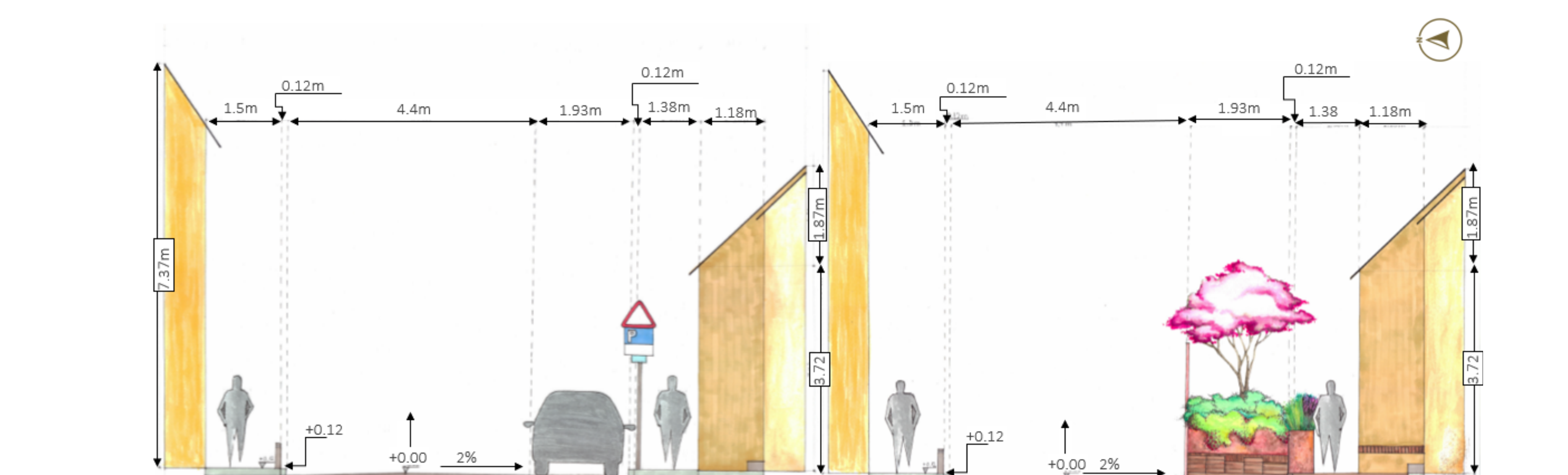
Materials



Dimensions, Scale 1:50

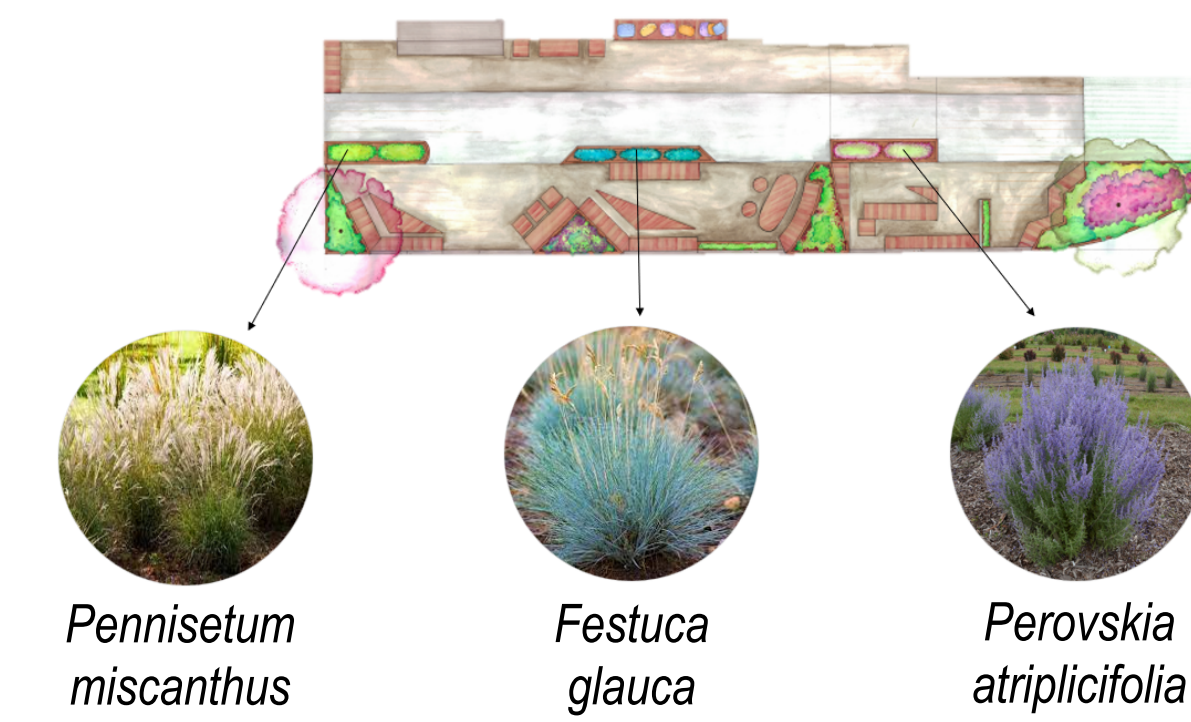


Longitudinal section A - A', Scale 1:50

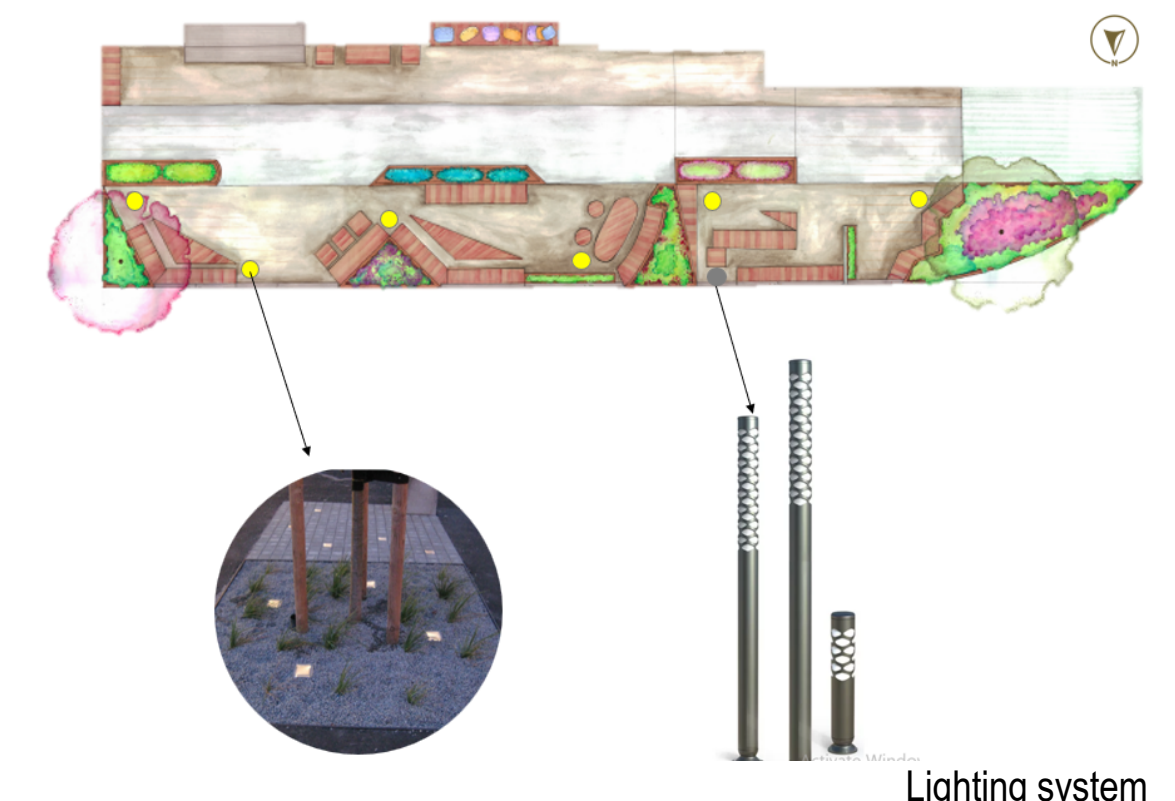


Cross section B - B', Scale 1:50

Herbaceous and flowering species were used for their considerable size at maturity to offer the users of this space as much privacy as possible, being close to the sidewalk: *Pennisetum miscanthus*, *Festuca glauca* and *Perovskia atriplicifolia*.

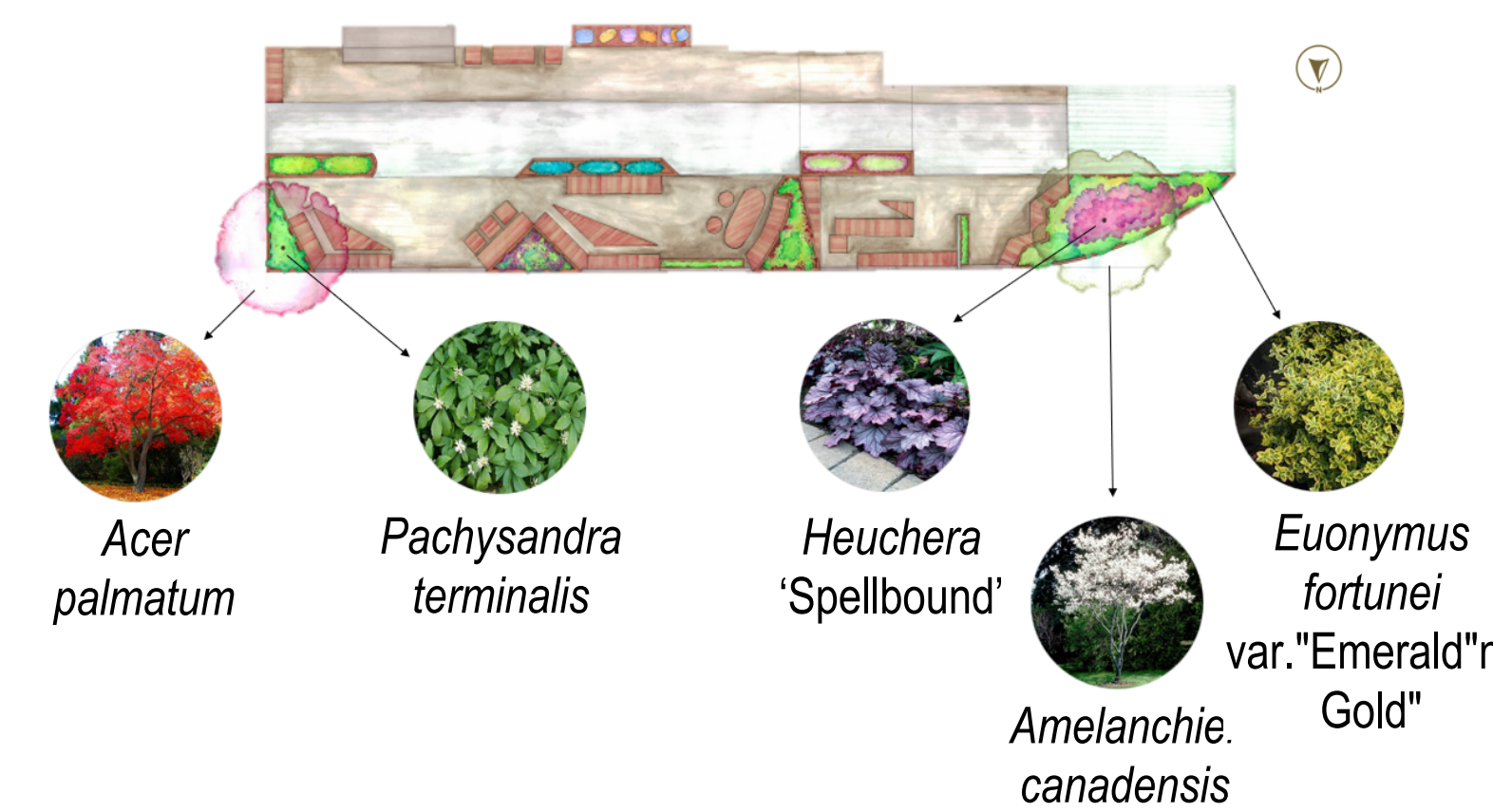


Planting scheme 1



ighting system

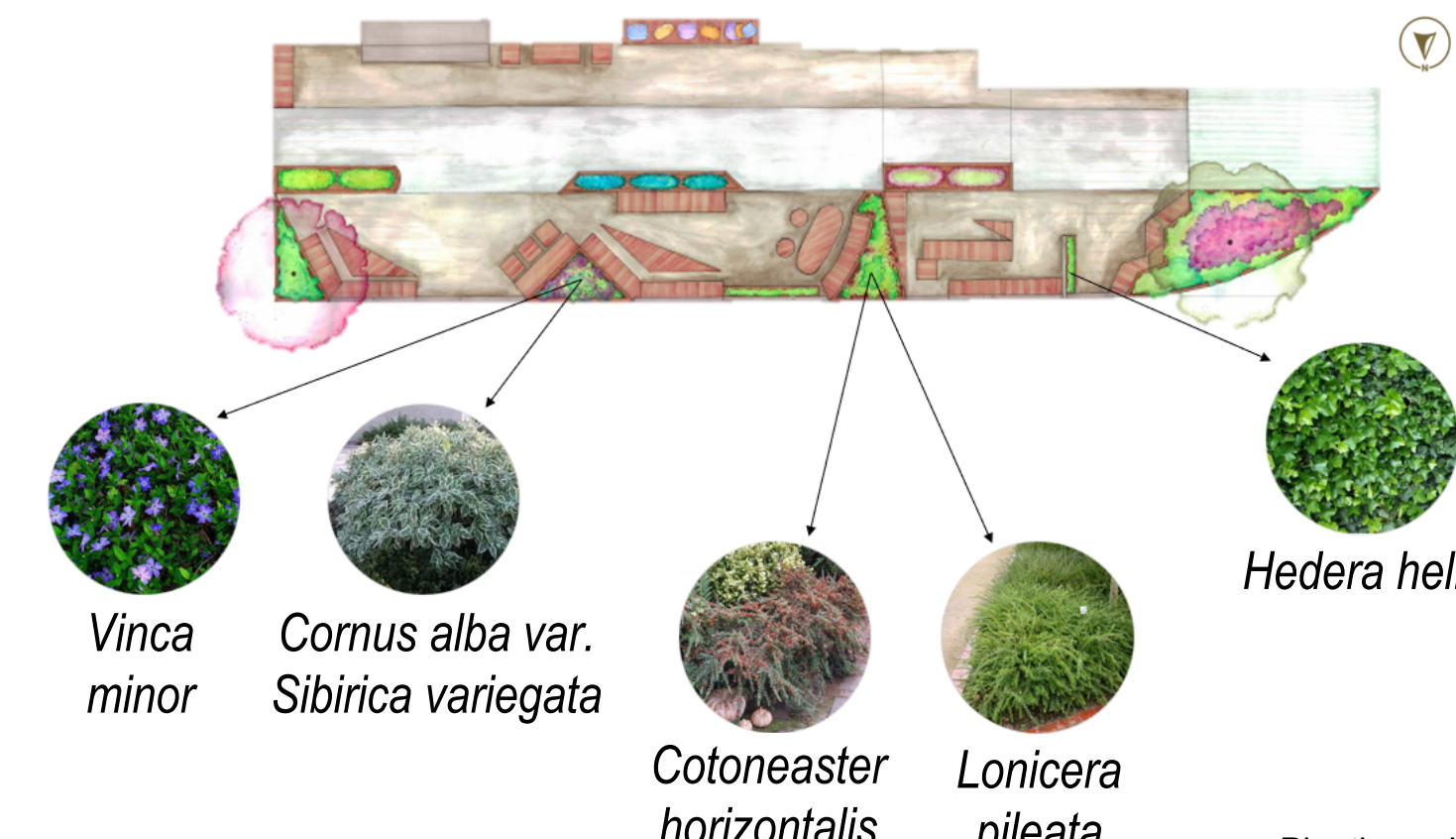
Illumination: In the current situation there is a deficiency of light, the nearest source of illumination being placed near the Museum Square. Lighting will be provided by solar powered LED technology spotlights and mast integrated into the ground - no power cables or maintenance.



Planting scheme 2

In these two side planters located at opposite poles, we proposed the inclusion of small, multistem tree species, with the aim of offering diversity in terms of shapes, textures and colors: *Acer palmatum dissectum* “Ever Red” and *Amelanchier canadensis*.

To create a more vibrant image and to fill the planters, we opt for ground cover species at the base of the tree trunks: *Pachysandra terminalis*, *Heuchera* "Spellbound" and *Euonymus fortunei* var. "Emerald'n'Gold".



Planting scheme 3

Since the remaining planters are centrally positioned within the parklet, it was decided to use some low shrub species (ground cover) and a flowering species for accents:

Vinca minor, *Cornus alba* var. *Sibirica* variegata, *Cotoneaster horizontalis* and *Lonicera pileata*. Also, another option was thought of to create privacy: by using a trellis covered with *Hedera helix*.

Following the design concept of this space, the aim of the new functional component is to increase social interaction and the association between streetscape aesthetics and the need for leisure and open space, where intense transit dictates the need for a stop. The new utility brought to these parking lots will increase the value and potential of the area, by attracting more tourists and through the introduced plant components. At the same time, the space will turn into a center of attraction for the students of the Faculty of Construction.

[1] Endres D., Senda-Cook, S., Cozen B., 2014, Not just a place to park your car: Park(ing) as spatial argument. *Argum. Advocacy*, 50, 121-140;
[2] Ghandi M., 2019, Parklet: A new urban platform for emergent forms of communication and social interaction in the cities. *Modular and Offsite Construction (MOC) Summit Proceedings*, 571-578;
[3] Street urban design Guide, National Association of City Transportation Officials, Island Press Washington, Covelo, London.