

Technical conditions. Complements the competition programme 29 April 2020

Street plans for Päijänteekatu and Viiskulma square have been officially approved, and the arrangements of the street area and square are defined therein (annexes 5 and 6 to the competition programme: Site Layout and Standard Cross Section).

Taking into account the public utility lines to be constructed

Nothing can be installed on top of the square's manhole covers. The maximum permissible total mass of road traffic is 60t, i.e. there is no actual weight limit for the piece or street area. The heavy foundations mentioned on page 4 of the competition programme can mean foundations that reach a depth of more than 70 cm. The depth of the rainwater sewers on the square varies; however, the pipes are at least 1 m underground. The cable sheathings are at least 70 cm underground. The foundation of the piece cannot be placed on top of the underground pipes. The locations of the pipes are shown in the street plan (annex 5 to the competition program: Site Layout).

Any possible spotlighting of the piece can be placed on the lampposts that will be designed for the square. Light pollution to nearby residential buildings will be avoided when designing the lighting of the piece.

Height of the piece

The maximum height of the piece has not been determined. It is impacted by all dimensions and materials of the piece

as well as how its stability in the public space is planned with consideration to the location of the piece in the street area.

The proposal cannot be supported by a wall of a residential building, and the use of a possible backstay might be challenging

as it might impact the safety of the street environment. An indicative upper limit can be the lamppost on the Kirkkokatu side. The proposal must be realistic. In terms of street maintenance, there are no restrictions

for the height of the future work.

Building Ordinance

Where applicable, the proposal is governed by the provisions of the Building Ordinance. The piece or its parts cannot be placed in a way that impairs the use of the street for pedestrians and cyclists (Building Ordinance 13.3). The rescue unit must be able to access the exits. The maximum permissible width of vehicles is 2.60 metres, and the lifting spot associated with the rescue road is approximately 6x12 metres. The size, structure and appearance of constructions and equipment placed in the public urban space must be designed and built in a way that does not impair street maintenance and sanitation, endanger road safety, create barriers to physical activity or cause other harm, and that suits the cityscape of each area (Building Ordinance 13.4). When designing the piece, please take into account that through passage on the square must not be prevented and structures that fill the square from maintenance point of view should be avoided.

Link to the Building Ordinance: [Building Ordinance Lahti-Nastola-Kärkölä 2013](#)

Trees in the area must be preserved.

The competition jury will have the final say in assessing each proposal's suitability to the competition area based on the submitted documents. The jury will request rescue services to provide its opinion on the rescue road in the implemented piece.