



MULTIPURPOSE PLAZA



MASTER PLAN - 1:500

### AESCULAPIUS

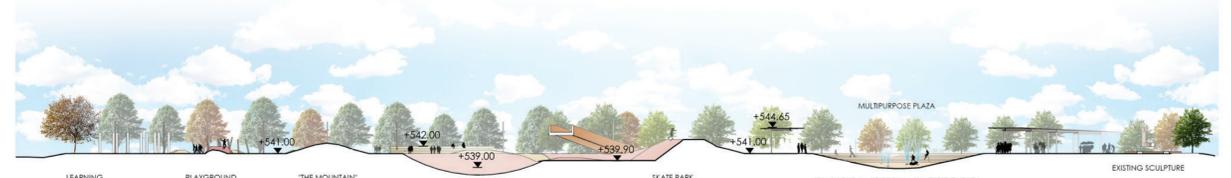
Formed on the grounds of the old "Hastahana" hospital in the center of Sarajevo, our proposal Asclepius takes both the history, as well as the current context of the surrounding city fabric and binds these two factors together into the form of the rod of Asclepius. The park acts as a symbolic macrocosm of both the human body and our planet Earth and the end result shapes into the DNA strand. Like a Mobius Strip, the microcosm becomes the macrocosm.

The design has been created by identifying the most logical entry points to the park and combining these points by forming routes in a meandering and pleasant way to create the flowing "arteries" of the park. Between these arteries, defined activity zones are born naturally. These zones act like different body parts and organs of the microcosm: the brains of the operation is the central square, the muscles are the sport areas, the lungs are the lush green zones and the heart is the skate park and the playground. To define the functions for all the zones, the topography has been altered by either creating hills or recessions depending on the needs of the functions or the existing topography of the surrounding areas.

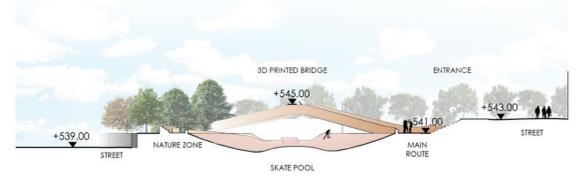
The structures that will be built all blend fluently into the park. The horizontal structures like the bridge and main canopy flow with the arteries, the vertical structures like the playground's poles and lighting fixtures blend in with the trees and the benches and railings rise and descend along the routes.

All possible materials will be sourced from recycled elements. Since areas like the skatepark require large, durable and smooth surfaces, we turn to geopolymer to provide a concrete-base without the need of polluting cement. Geopolymer can be created from up to 98% of renewable sources and potentially cuts the greenhouse emissions of the concrete over 90%. The rubber mat materials are made from 100% recycled rubber waste. Since most functions mainly rely on the topographic recessions and hills, there are very few elements in the end to actually build. All the earth dug up from the recessions can be utilized for the hills, reducing building costs and logistics.

All the key historic elements of Hastahana have not only been kept, but emphasised and elevated. The south facing stone wall and entryway of the old hospital have been kept almost completely, but the wall has been clad with graphic concrete, artworks and specific zones for graffiti art. These elements protect the original stone wall from vandalism, tell us of the history of Hastahana and also pique the curiosity of pedestrians passing by the park. The "Sternenweg sculpture" is kept in its entirety, but moved to a more suitable spot near the main entry. Almost all the existing trees will be preserved. The original main functions of the park will all be kept, including the basketball court, skatepark and playground, but all will have much better and more durable premises.



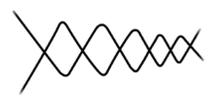
SECTION A-A - 1:500



SECTION B-B - 1:500



SECTION C-C - 1:500





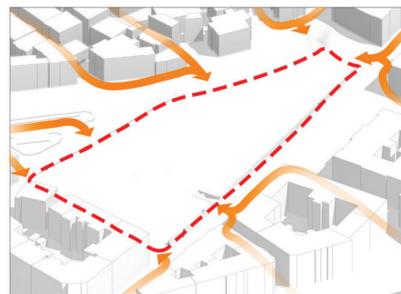
SKATE PARK



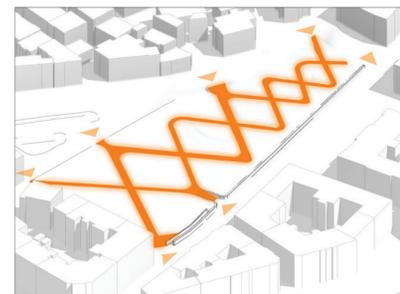
The main plaza and its surroundings are designed to be a multipurpose area able to serve a multitude of functions with ease. The recessed point can be used for skating, public events, concerts, children's water play, nightly light and water fountain shows as well as a completely filled water element. The central drain collects all the rainwater of the paved area into one location to be re-used for the watering system and the fountain elements.

Despite the plentiful amount of activities, there are still quite a large amount of zones kept purely for nature and wandering. Since many visitors visited the original park with their dogs according to the citizens survey, the bushed routes and large open areas suit this function perfectly as well.

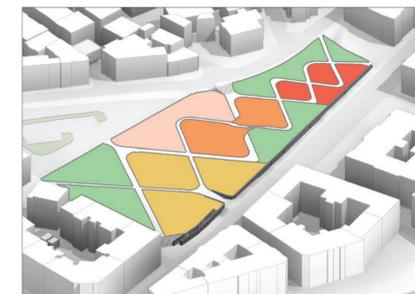
AERIAL VIEW



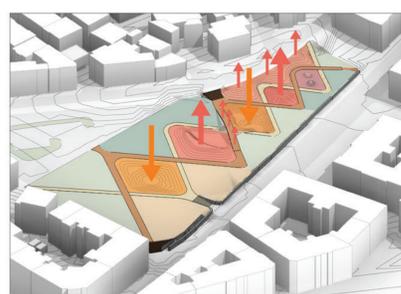
The entry points are chosen at the locations with the most pedestrian traffic. The historic entry to the hospital is kept as an entryway as well.



All the logical entry points are joined together naturally and organically into one network of paths.



The crossing paths naturally create boundaries for different activity zones and areas for nature.



The topography of these activity zones are altered to create the specific activities. The bridge is raised to allow the skatepark to flow together and not interrupt the pedestrian route. The northeast topography is lifted to meet the higher elevation along Kranjceviceva.



Most of the existing trees (marked orange) are preserved and new trees (marked green) are added all around the perimeter to create an intimate feel and to isolate the park from the buzz and pollution of the city streets.



The canopy and the bridge bind the parks' routes together and act as the two visual focal points of the area.



# AESCULAPIUS

Hastahana Idea Competition 2022 - Team ID: E4TKTJD