

Country / City Germany/ Bernburg
University / School Hochschule Anhalt - Anhalt University of Applied Sciences
Academic year 2018
Title of the project CALORIE AS FUEL - Energy Generation in Landscape through Outdoor Activities
Authors Md Nymul Haque

TECHNICAL DOSSIER

Title of the project CALORIE AS FUEL - Energy Generation in Landscape through Outdoor Activities
Authors Md Nymul Haque
Title of the course Master Thesis
Academic year 2018
Teaching Staff Prof. Dr. Nicole Uhrig, Mark Lee Koven, Ole Russell Sleipness, Ph.D., PLA
Department/Section/Program of belonging
Department 1: Agriculture, Ecotrophology, and Landscape Development; Master of Landscape Architecture (MLA)
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One source of renewable energy that has been long overlooked is the human body itself. How be usable energy for outdoor spaces harnessed from physical exercise of a human being? The Larger areas of interest for research are physical exercises with repetitive movements of various parts of a human body to burn calories; energy generation through these activities and forms of usable energy in a landscape. Research outcome is expected as a modular design proposal as well as a design at an existing site at Salt Lake City in Utah State, USA. The proposal focus on the possible physical outcome of the research. Besides that, a comparative relationship will be built between energy generating activities, equipment, and produce energy to serve an outdoor space as well. Study results can be used as a model for projects where people can generate energy by physical exercises. It also focusses on how these new additional elements merge with a regular recreational landscape design. The proposed solution can be used as an example where people would identify their contribution to the community by the amount of energy they generated, instead of merely counting the number of calories burnt every day. What if we can change the thought process from burning Calories to producing Watts? What if people could say, I lit the light of a park for 5 minutes today instead of saying that I burnt 500 calories for example.

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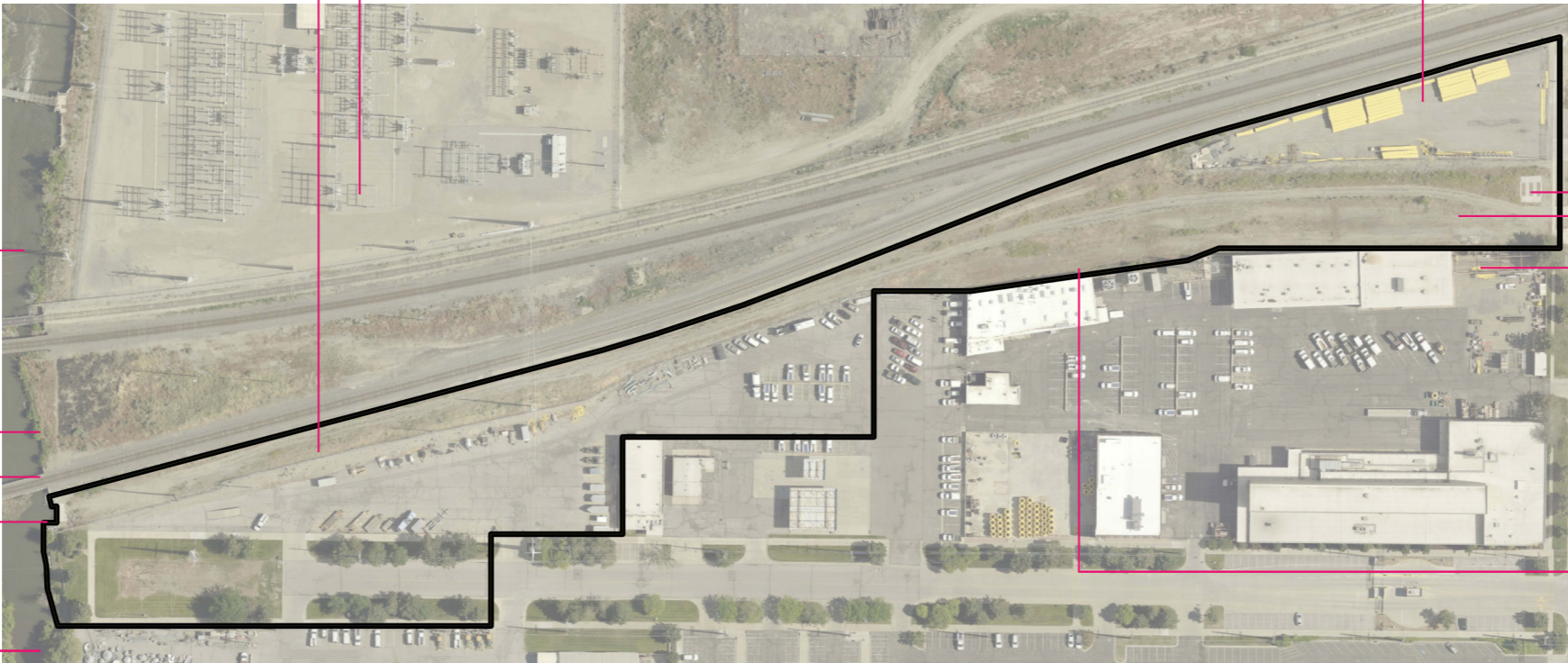
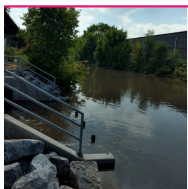
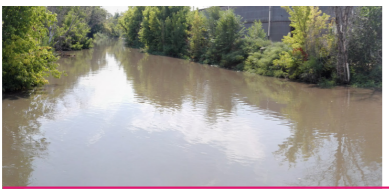


CLIMATE CHANGE AGAIN

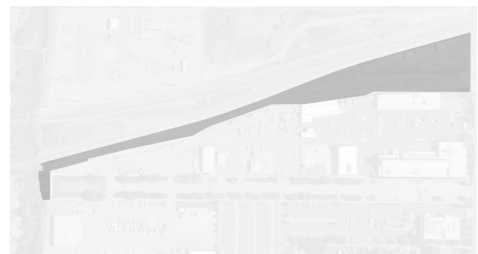
11th International Biennial Landscape Barcelona

Barcelona September 2020
SCHOOL PRIZE

VISUAL ANALYSIS // Site Surroundings



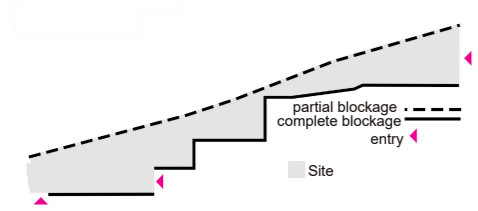
CONCEPT // Piktograms



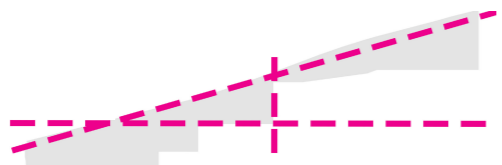
Step 01 initial site



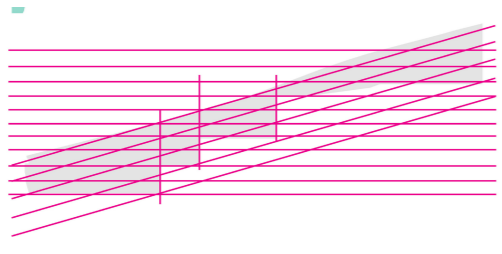
Step 02 added parcel



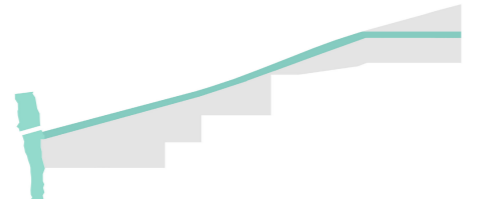
Step 03 boundary and entry



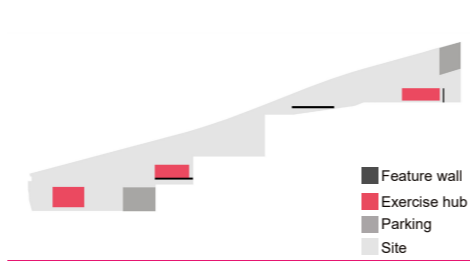
Step 04 axis from site line



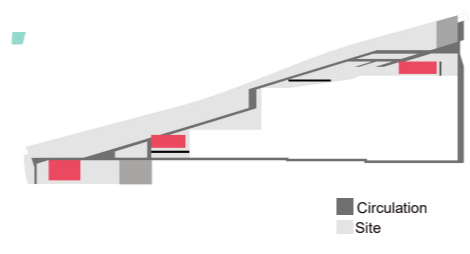
Step 05 grids from site line



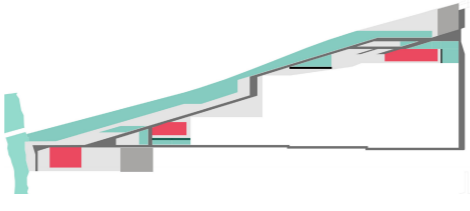
Step 06 location of creek on the site



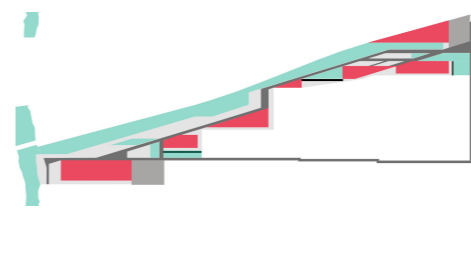
Step 06 placement of parking, exercise hubs and feature walls



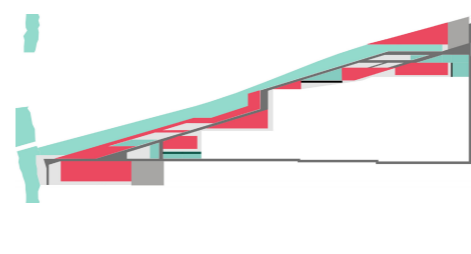
Step 07 placement of circulation



Step 08 addition of more active recreational space

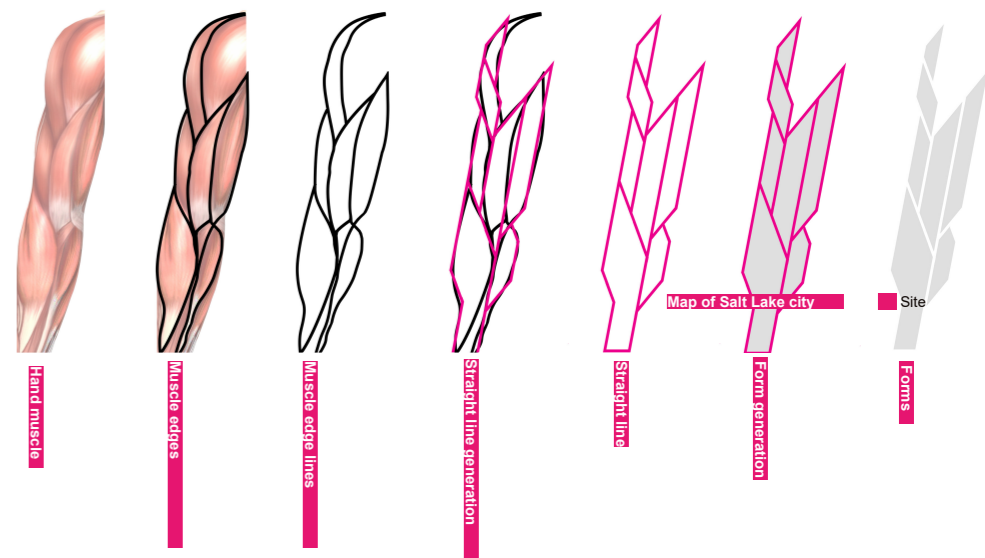


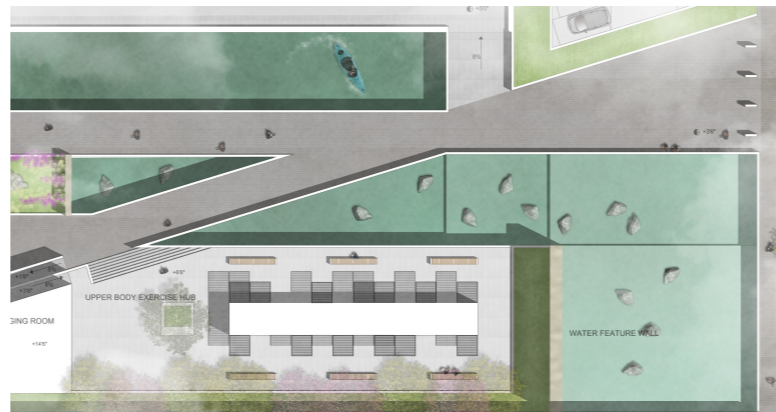
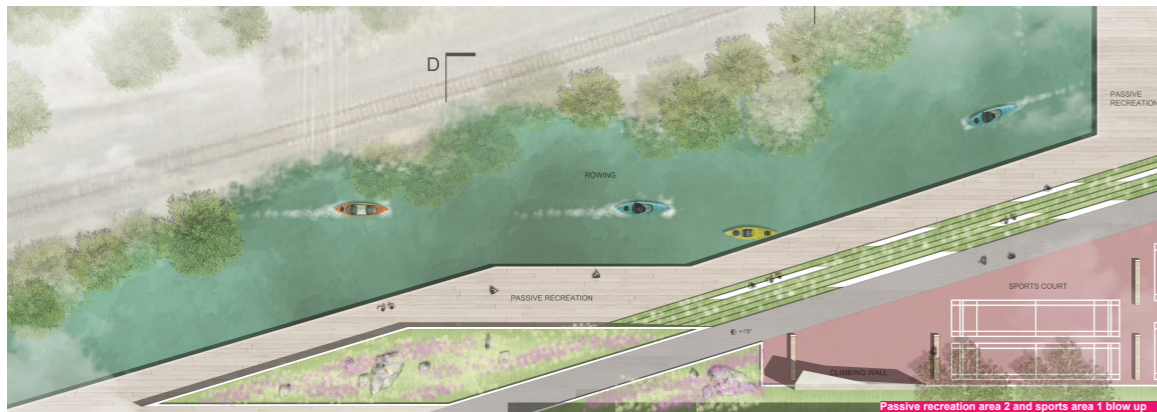
Step 09 addition of passive recreational spaces



Step 10 addition of green areas

CONCEPT // Aesthetic inspiration





SECTION & DETAILS - Folsom fitness park

