Topographic Infrastructure
Hollywood Freeway Central Park

Based on the understanding of context in terms of the transect from nature to urban fabric, it is possible to reestablish a more reasonable linkage between ecology and program. The Hollywood Freeway Central Park sits at top of the Santa Monica Mountains as well as works as an extension of nature system to city by Hollywood Freeway central park. The current condition of Hollywood Freeway Park acts as an landscape infrastructure framework which presents unprecedented opportunities to link and intertwine the existing urban fabric and natural environment. A strategy of angulated geometry allows a variety of spatial relations to create a "maximize" ecological performance and program use. The new green open space, reconnecct communities which have been divided by the freeway and gives an open system to serve a variety of programmatic and ecological uses as part of everyday life.

Analysis with Slope and Aspect

Site Location

Existing boundaries study

Proposed Functions based on Existing boundaries study

Program

1. Primary Filtration
2. Secondary Filtration
3. Tank
4. Optimize the slope
5. Pump system

Proposed Functions base on Existing boundaries study

Resident Area

Soccer Field

Soccer Field

Amphitheater

Ventilation & Solar

Sectional Perspective

Watersystem relate to Topography

Flexible programs

Program

Commercial

Communication

Business Improvement Area

Potential Residence

Basketball Field

Soccer Field

Farm Market

Soccer Field

Basketball Field

Amphitheater

Ventilation & Solar

Establish Program and Ecology System

Open space of Accessibility

Open space of Accessibility

OPEN ACCESS FROM STREETS

OPEN FLAT GROUND FOR PROGRAM

VEGETATION

WATER

ANIMAL SPECIES

TOPOGRAPHY

Watersystem relate to Topography

Concept

Slope

Ecology

10°
20°
30°
40°
50°
60°
70°

1 Mile Long

1 Mile Long

1 Mile Long

1 Mile Long

1 Mile Long