

Confluent Clonfluences

Project Statement

Net Zero Energy Strategies: Material selection will be determined by analyzing methods and products that can provide long term durability with the least maintenance while considering initial embodied energy from extraction through maintenance. Solar panels mounted as the railing system and intermittent roofed areas of the walkways provide energy generation on site to offset the energy use of the project. Water used for the misting system will be stored in the South tower and pumped from the river at the bridge during high water events. Stored water may need to be treated, we propose using low energy aeration, UV and filtration systems powered from the on-site solar system.

Site: Existing access points to the site from adjoining neighborhoods are maintained and accentuated by new towers and re-aligned walkways. New viewing platforms over the river confluence allow visitors to have a bird's eye view of the riparian zone and river while leaving nature and wildlife free rein of their habitat. One new gathering area aligned with the axis of the new Confluent structure provides a raised area for observation and performance. Three recreation courts remain for basketball, tennis etc. The existing recreation field is maintained for large gatherings and enhanced by a water mist projection screen and new lighting.

Design Details:

Three new towers create a visual draw to the site from many parts of the city. They are lit at night, they support the Confluent structure, house the elevator, and the single tower provides water storage. Interior spaces could include equipment rooms, offices or other uses as yet undetermined.

ADA access is provided at two of the three access points, the third has 6" steps with 48" treads which are easy for ambulatory persons who might otherwise have difficulty with standard stairs.

Water mist and lighting feature from the single tower through a 24" diameter tube creates a lively display and screen at the north end of the recreation field. During events and special occasions the mist can be activated. Projections can be displayed at night on this moving screen and the lighting housed in the tube can create effects programmed by artists who would like to participate, manipulate and master.

Light poles with glowing tops and a cut-off downlight component lead visitors to the three major entrances to the new attraction. The two halves of the structure are connected by laser lighting bridging the river.