

**New Bank of Huhne River | city of shenyang, china**



Plan

**Special Recognition**

**POD Design**

Category: Landscape Planning & Analysis

Client: The City of Shenyang, China

Design Consultant: Walter Roch von Rochsburg

Design Consultant: Weiguang Xu

This project is located in the City of Shenyang, northern China, in the Yuhong New Town development along the Hunhe River. The site is approximately 1,356 acres with roughly 4.35 miles of waterfront. The majority of the site is agricultural with nurseries and vegetable fields and is located within a flood zone with management handled by a temporary dam at an elevation just above the 50- year flood.

The opportunities on this site include: the location along the Hunhe River (water is a sacred resource in Northern Chinese cities), easy access to downtown Shenyang, relatively low development cost due to the site's current conditions, and the newly constructed Nanyangfu Bridge which will bring more traffic to the site. There were also many constraints including the site's location entirely in a flood zone with a very real risk of flooding, limited access to the rest of Yuhong New Town due to heavy traffic along the main road, three major electric easements, and also the possible government opposition to development of this site.

The Landscape Architect was asked to create a conceptual master plan for this unique site. The main objectives for the planning process included: (1) to build a waterfront district in which people can live, work, and play (2) to provide a recreational destination for the Shenyang people (3) to establish a sustainable development model by dealing with the relationship between public and private, development and preservation, commercial and civic, human and nature.

The overall structure responds to the opportunities and constraints of this site through the creation of a strong waterfront park with links back to the residential, commercial, and entertainment areas. This structure encourages access to the water by residents of both the Yuhong New Town and Central Shenyang area. The planning structure includes nine district zones: golf course community, low density residential, office district, middle to high density residential, luxury apartment living, commercial and entertainment district, wetland themed water park, a private sports club, and waterfront park.

The development of this site is unique because of the location and sensitive environment. We used a high green space ratio across the site which includes landscape buffer zones, linear open spaces connecting the site to the waterfront, continuous pedestrian walkways, wetland parks to promote bio- diversity, sports park, and amphitheater with water stage for summer concerts and winter skating.

With Shenyang's growing population (7.2 million), the pressure of developing livable places and creating job opportunities is very intense. This site is subject to the pressures of this population increase in many ways but the financial resources from the government are too limited to protect this land from the deterioration and decline that is and will continue to occur. For sites such as this, it is vital that they be respectfully developed in order to balance the need for places to live and work with the preservation of the limited natural resources of the region.

Plan: Conceptual Master Plan – coded to illustrate different uses and amenities.

Figure A: Site Analysis with Aerial view of site— showing opportunities and constraints and existing conditions.

Figure B: Structure Diagram – illustrates different zones of use and open space.

Figure C: Open Space Plan – keyed to show the various open space areas.

Figure D: Sketch of Wetland Park – boardwalk and views within the Wetland Park.

Figure E: Sketch of Central Park – pedestrian corridor through Central Park.

Figure F: Sketch of Canal Park – View looking toward Huhne River in the Canal Park

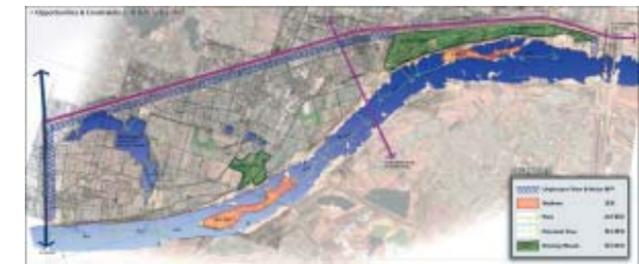


Figure A

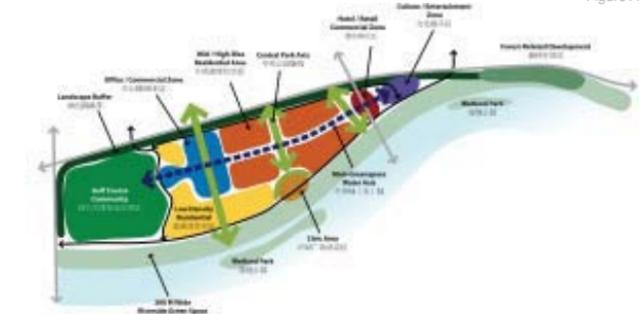


Figure B



Figure C



Figure D



Figure E



Figure F