

# City of Dreams

----substantial city on the sea



Theme 2012  
Sustainable Design of Marine City  
**BIM&VR**  
Virtual Design World Cup

## Garden Villa

### Design conception

From the air, our villa area like six big shells. It is more like city in the sea. Our chief design conception is making a substantial city in the sea and keeping keeping a harmany balance between city and the natrue. We try to achieve it in our entire urban planning.



Dream of Sakura    Dream of Maple    Dream of Lavender



Six shells is divided into three theme parts: dream of sakura, dream of maple, dream of lavender. You can choose anyone you like. Different kind of flowers with different designing styles. You can enjoy your life here in this beautiful city with a pretty good environment.



## Bright Spot

energy problem solving

**windmill**—we use windmill to convert wind energy into electric energy.  
**water system**—we design a water center disposal system to solve water problem for people living in the city.  
**thermal station**— by using some crop straw produced in farms, thermal stations will convert them into energies and powers which will be used by people.

urban planning

**garden villa**—dream of maple  
                          dream of sakura  
                          dream of lavender  
**financial center**  
**entertainment center**  
**shopping center**

## Urban planning



## Center water disposal system

### Design Conception & sectorization

**top**  
It is designed by using transparent glasses, so the sunshine could penetrate the glass into the inner of the halfsphere. This place is built for natural science researchers, they can breed and research the new plants and other species which are only existed in this island. Each plants here could enjoy absorbing plenty of solar energy during photosynthesis.

**middle**  
This part's shape likes spooondrift, we try to integrate our designing conception of architectures into sea and nature. Our theme is the substantial city on the sea, choosing spooondrift as a designing element not only makes a sense of harmony with nature, but also meets our concepts of aesthetic.

**bottom**  
This big system is our main water disposal system which is underground. After the sea water flow through the conch water absorbing and purifier devices, water will be collected into this big system. After the further disposing, pure water will be supply for citizens daily drink. Due to our island is surrounding by the sea, we think of this way to solve water problem and design this device to full fill our demand. It is not very complex but very efficiency. Of course, there are still exist many other pipelines to transform water from the center water disposal system into citizens homes and other places need water. We do not show them but they exactly infest under the island.



### Whole design style

The entire designing style cater to the nature and the sea surrounding the island. Globe is our main element, its perfect curve makes a good combination with nature and the sea. Besides this architecture, we also choose many kind of buildings with blue materials, being exposed to take concerted actions with the blue sea and sky. We also care much about making a good relationship with other species. For our researchs, only if we know them better, can we live harmont with them.

## Energy sloving

### Windmill



Due to the plenty of wind energy in the sea. We design windmills to solve our basic energy supply. They convert wind energy into electric energy.

### Thermal station

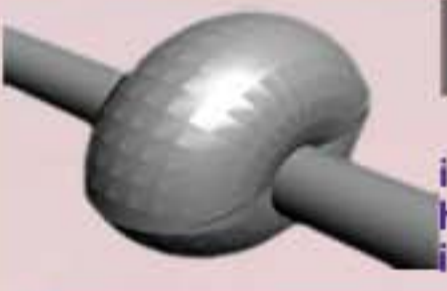
We build some thermal station to make full use of organisms in this small island. They will be transform into energy for human using.



This small island is our energy base.

## Conch water absorbing & purifier device

### Design Conception

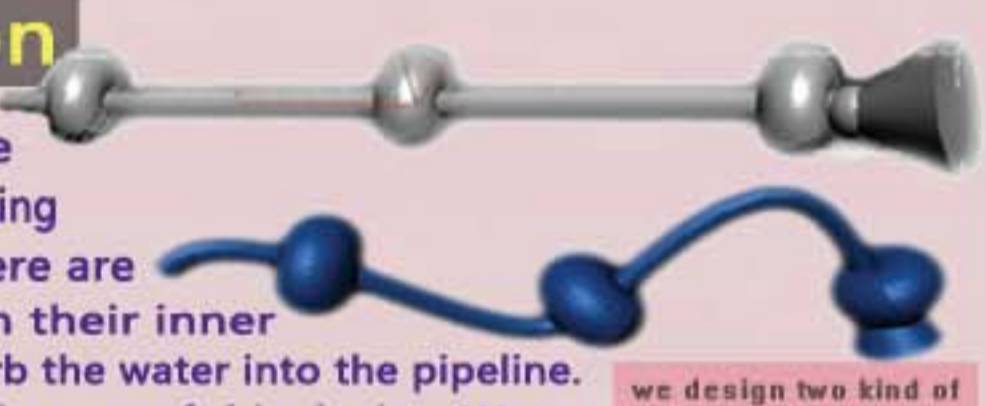


It's shape like a conch, conch is a kind of species in the sea. We make full use of this element to show human keep a harmony relationship with nature and it react on everywhere in our designing.

### Sectorization

The centrum in the bottom is used for absorbing water from the sea. There are big propellers exist on their inner structure which can absorb the water into the pipeline.

The conch is the main part of this device. Water will experience three filter stages. After the following disposal, sea water will change into drinking water.



we design two kind of pipeline, in order to ensure that they can absorb sea water from different kind of directions

## Way to Eland

### Viaduct bridge

This is one direct way to go to other islands. You can take your car or special buses to go the place you want. Convient and Inexpensive

### Boat

Our Wharf boats are also good choice.

### Around city highway

You can not only go to places you like, but also appreciate the fantastic scenery of the island. Relax yourself and enjoy your life.

### Airplane

If you want to go somewhere far plane is the best choice.

## Intersection and Ramp



Intersections and ramps are the urban traffic throat. The right ones built in complex traffic areas can absolutely alleviate urban traffic pressure.



We built them in our city to convenient our life and keep a substantial balance between our life and surrounding environment.



the road intersections

complex road networks

ramp sections

whole scenery  
shape of island