 華懋集團  
Chinachem Group

如心 廣場

NINA TOWER by AET

# Nina Tower

Perfectly matched are the 320-meter tall main tower and the 170-meter tall hotel which echo harmoniously with each other and stand out elegantly and exuberantly at the waterfront. The two towers bond gracefully together with a sky-bridge which is completely enclosed by glass, adding surprising and joyful effect. The silver-colored curtain walls of the towers and the stainless steel clad on podium walls evokes style and epochal effect to Tsuen Wan environ.

Chinachem Group is planning to exhibit on the third floor garden area wood fossils that the Group has searched and collected over the ears. Guests and visitors from all over the world can appreciate these rare collections from closest distance and enjoy the archaeological experience of exploring the history of earth hundreds millions years ago.

NINA TOWER is the centerpiece for locals and tourists, cultural activities, shopping, commercial and business activities, entertainment and leisure, intermingled with exhibition, convention activities and grandeur parties and banquets.

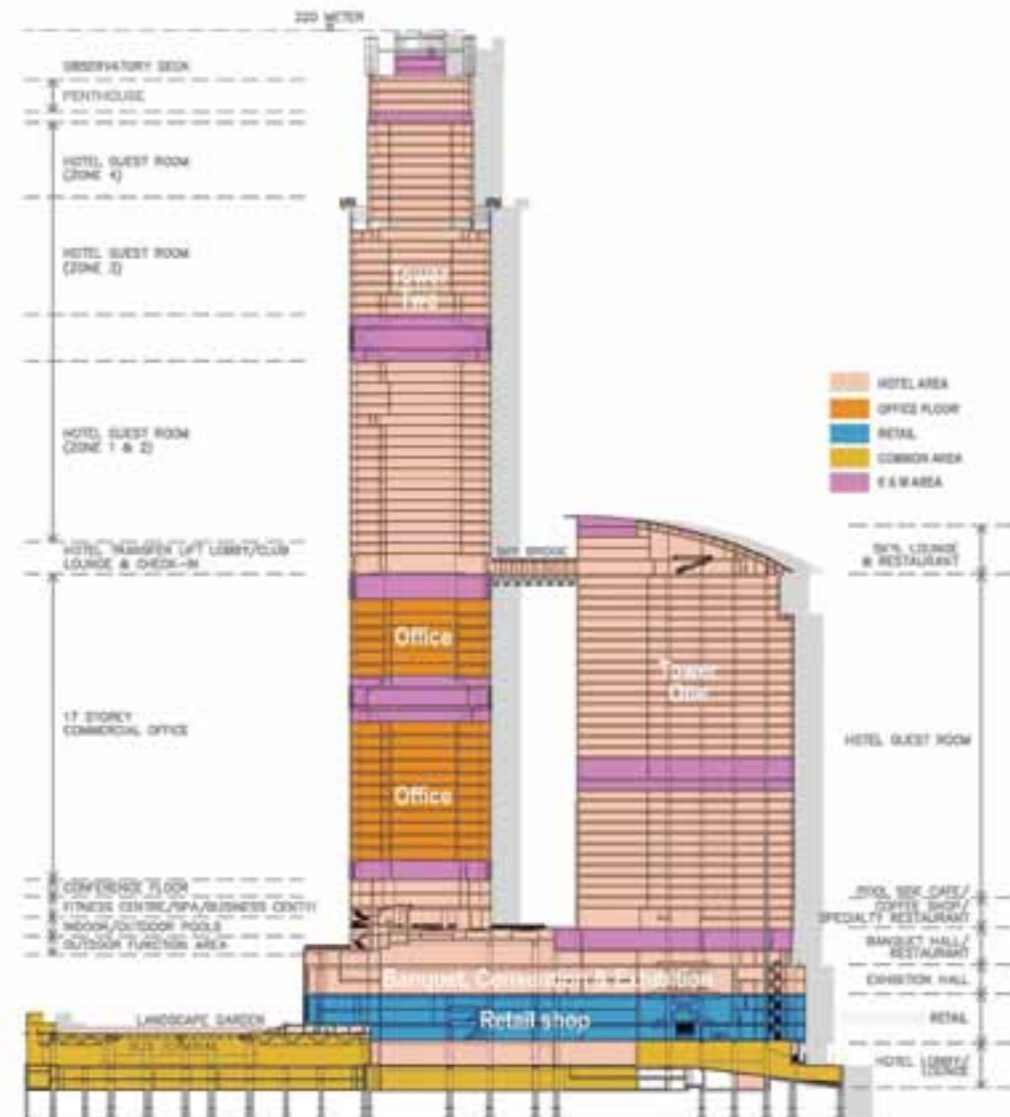
**Nina Tower**

**Total Building Area**  
240,000 square meters (approx. 2.6 million sq. ft.)

**Site Area**  
19,500 square meters (approx. 210,000 sq. ft.)

**Building Height**  
**Tower 1:** 170 meters (approx. 560 ft.)  
**Tower 2:** 320 meters (approx. 1,100 ft.)

**Number of Floors**  
**Tower 1:** 42 storeys  
**Tower 2:** 89 storeys



# The System

Each floor is divided into individual thermally homogenous zones up to approximately 300 square meters, each covered with Access Floor and served by an Air handling Unit (CAM-C or CAM-V) treating and supplying conditioned air to the floor plenum. In case of CAM-C system, supply and return air paths are established by baffles in the floor void: air is drawn by Console and Floor Terminal Units and then returned to the plenum through air grilles, easily positioned to suit any architectural interior design.



**CMS: Cable Management System**

The CMS underfloor systems meet the growing requirement for mobility within the modern office environment by offering total flexibility in the distribution of power, voice and data.

The modular units for underfloor and abovefloor distribution are fully factory-assembled and, in the case of voice and data, pre-wired to project requirements.



**CAM-C: floor supply/floor return**  
**CAM-V: floor supply/space return**

The air returning from the rooms enters the CAM-C from the underfloor void. Once filtered and conditioned at set temperature & humidity, the air is then delivered again into the underfloor plenum towards the Floor Terminal Units (FTU).



**Raised Access Flooring**

Panels are supplied in a range of high quality finishes and any type of covering, including marble, vinyl, textile, stone, ceramic, wood or resin material for a uniform, high integrity finish. They are designed for installation with a choice of adjustable, load bear, steel floor pedestals according to application requirements. Panels are easily configured with stringers and baffles to form the plenum for underfloor air-conditioning.



**Baffle: underfloor partitioning**

The Baffle is a fabric cloth partition, which divides the underfloor plenum into supply and return channels. It perfectly complies with fire regulation and it is very easy to be installed and removed.



**FTU: Floor Terminal Unit**

The FTU is a patented terminal, which extracts air from below the raised floor and in addition recirculates room air. It has been designed to be installed within an access floor and may be used as part of the walking surface. One of the two grilles is fitted with a hatch for easy access to the FTU controller.



**Return Air Grille**

The Return Air Grille is a walkable grille made of light aluminum alloy, which can be adjusted in height depending on floor tiles and covers thanks to a patented height regulation.

# The Office



## Office

- Total 17 Floors
- 2,000 sq. meter per floor
- Total 34,000 sq. meter
- Column free office space
- Floor height : 3.30 meter
- Under floor A/C system

## AET – The Market Leader

AET is the clear leader in underfloor air-conditioning. With more successful installations than any competitor company, AET knows Flexible Space inside and out.

AET can design, supply and apply the underfloor airconditioning system which lies at the heart of the approach and also provide the wide range of supplementary components which build to create a fully working Flexible Space solution. And on every project AET works to ensure major cost, time and operational benefits for all parties – from the property developer through to the building's eventual users. With this depth of expertise and vast experience, you can rely on AET to deliver the high standards of support and service both you and your clients demand. From project conception through to completion and multi-tenant occupation.

It all adds up to one answer. FLEXIBLE SPACE from AET.

AET is proud to supply UFAC to Nina Tower.



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