

## Project Type

Mixed Use

## Size

2,100,000

## Services Provided

Full design of MEPS systems in conjunction with Foster + Partners engineering staff. Full design of energy management & control systems.

## Completion Date

2018

## Owner

Oceanwide Holdings

## Architect

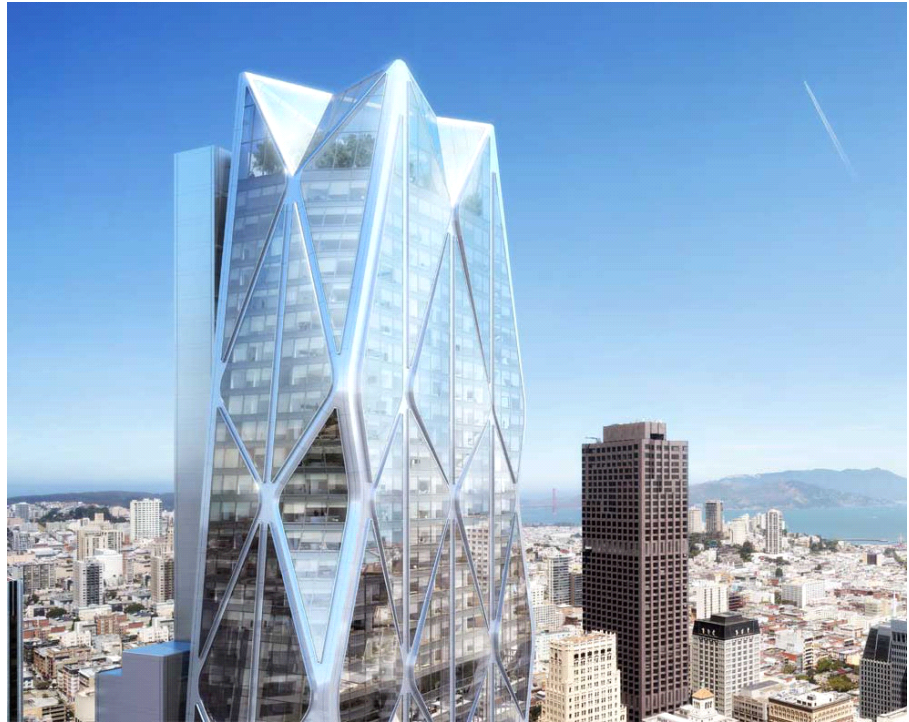
Foster + Partners

## Contractors

General Contractor: Plant  
Tishman Joint Venture

## References

TMG: Sean Donnelly Foster:  
Piers Heath Plant: Craig Allison



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The Oceanwide Center is a mixed-use project consisting of two towers. The 50 First Street tower, including office space and residential units, will be the second tallest building in San Francisco when completed. The Mission Street tower will contain hotel and residential units.

Mechanical design for offices in the Oceanwide Towers is a unique zero-reheat underfloor air distribution system. Within this system hotel rooms and condominiums are served with low energy variable speed 4-pipe fan coil units with horizontal outdoor air intakes. Additionally, The central plant includes combined heating and domestic hot water generation, as well as combined power and heat using gas microturbines. The chilled water plant at this site includes efficient chillers with a primary-only, variable speed distribution system alongside a waterside economizer.