

# ACO Solutions for hotels and resorts

Atlantis The Royal  
Hotel, Dubai



## The Ultra-luxury Experiential Resort in Dubai

ACO has years of international experience supporting architects around the world with dedicated approach for hotels and resorts. Our contribution the project of Atlantis The Royal in Dubai fully demonstrates our dedication:

### ACO Solution at a glance:

- Integrated water management solution for multiple applications in the hotel
- Professional consulting and services for project specification, construction and maintenance stage.

### Helping create signature hotels worldwide

The daring and innovative architecture of Atlantis The Royal hotel is instantly an iconic addition to the skyline of Dubai. Set on the crescent of The Palm, each and every detail in the exterior and interior of the hotel is designed to challenge the boundaries of imagination.

As a leading Water-Tech company ACO was nominated to support the project during the stage of planning and specification, working closely with the team of architects to select the solutions that comply with the high standards of aesthetics and

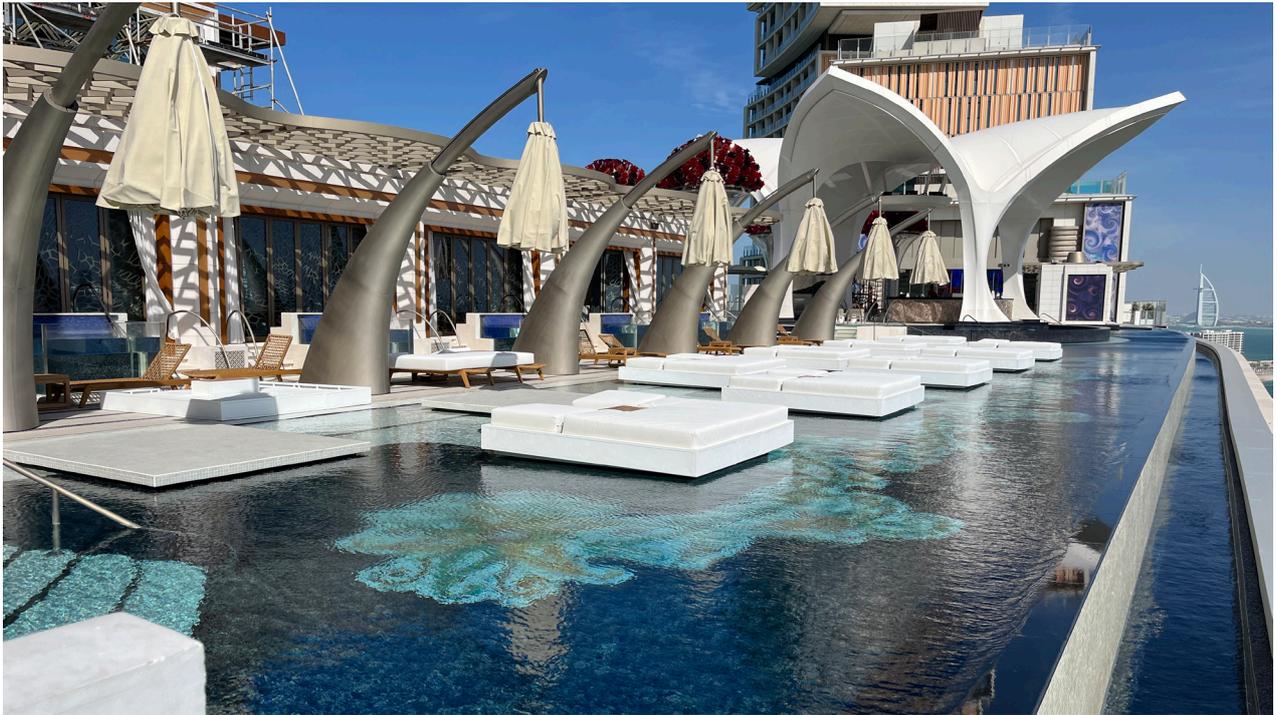
functionality.

ACO was the preferred supplier for water management solutions inside the building and also bespoke slot drainage for the terraces, especially designed according to the project design specifics, landscaping solutions, professional drainage and grease management solution for the professional kitchens.

Our site engineers were closely supervising the installation and construction works to ensure optimal quality and performance of the systems.

ACO. we care for water





### Roof top unlike any other

The hotspot of the hotel is definitely the rooftop bar positioned on the bridge between the two towers. With the 30 meters infinity pool overlooking the Arabian gulf, delicious cocktails and elegant atmosphere - it is the place you will be seeing on social media. The discreet stainless steel slot drainage and access covers with frame for integrating the paving by ACO guarantee optimal functionality and at the same time are optically subtle and unobtrusive.

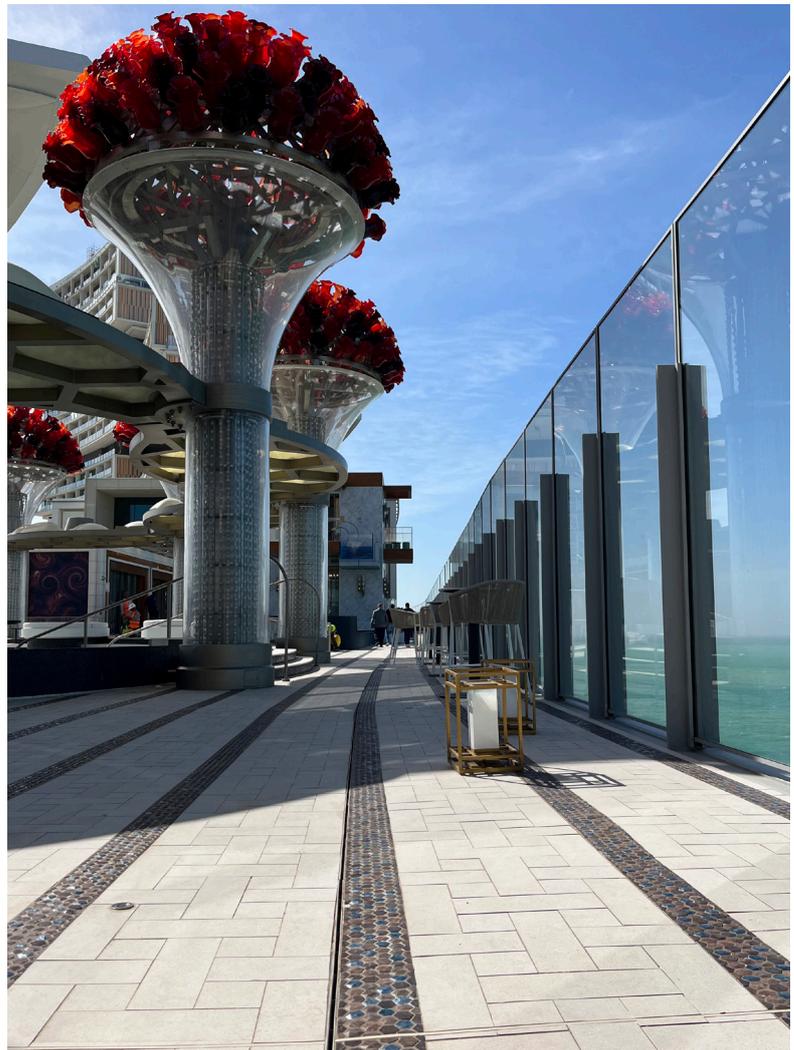
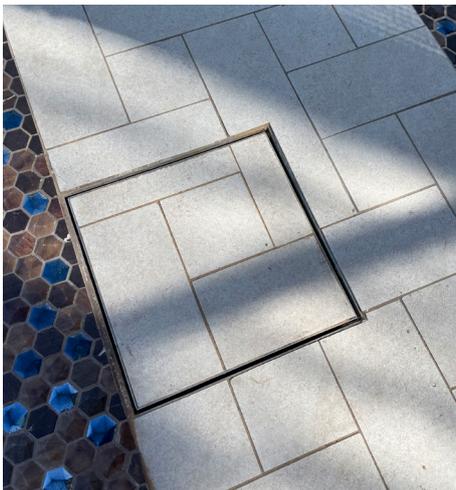


Stainless steel access covers and drainage with integrated paving ensures optimal performance - both in terms of functionality and aesthetics



## Magnificent 360° view

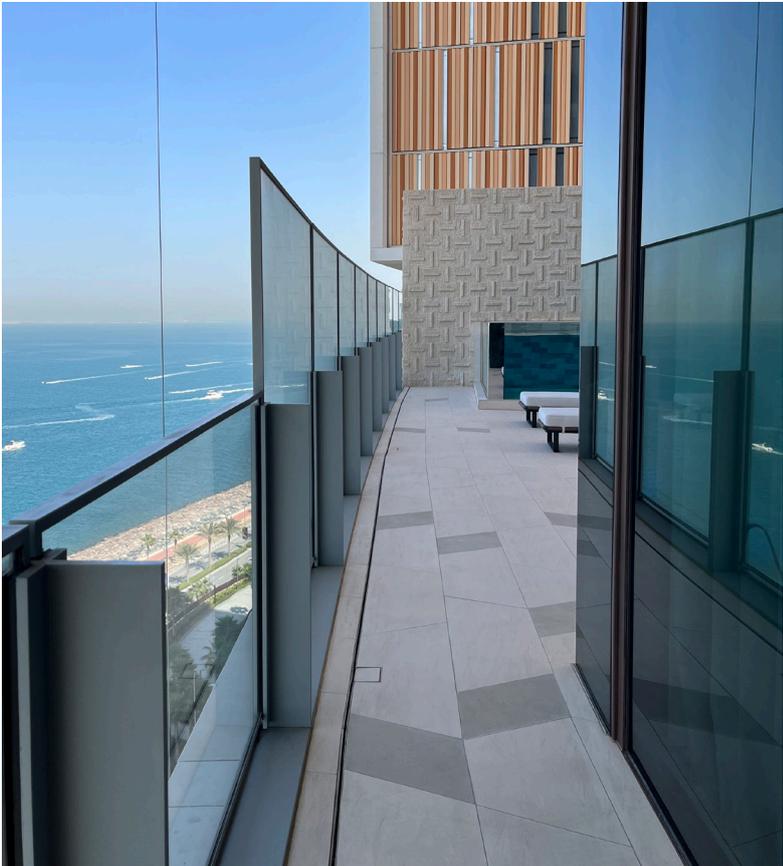
One of the many exclusive features in the architecture of the hotel is showcasing the breathtaking views over The Palm, the skyline of Dubai or directly facing the sea. Terraces and balconies are therefore especially designed for exclusive experience. ACO has delivered over 13 kilometers of discreet slot drainage made of high quality stainless steel in order to ensure effective drainage without visually disturbing the surface and providing optimal comfort and freedom of movement.



Drainage solutions  
along the ACO WaterCycle



# Drainage solutions along the ACO WaterCycle



Over 13 km of stainless steel slot drainage channels are installed along the balconies

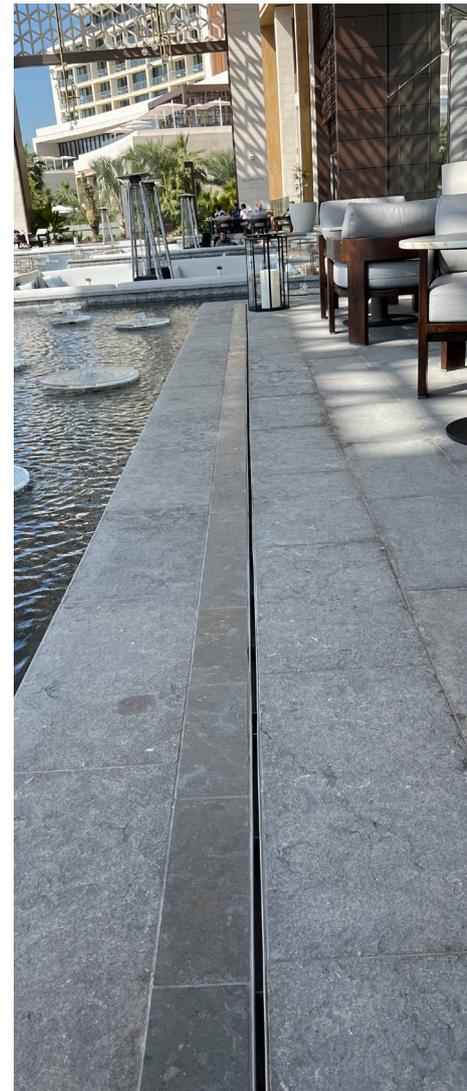


Discreet stainless steel point drainage in the bathrooms



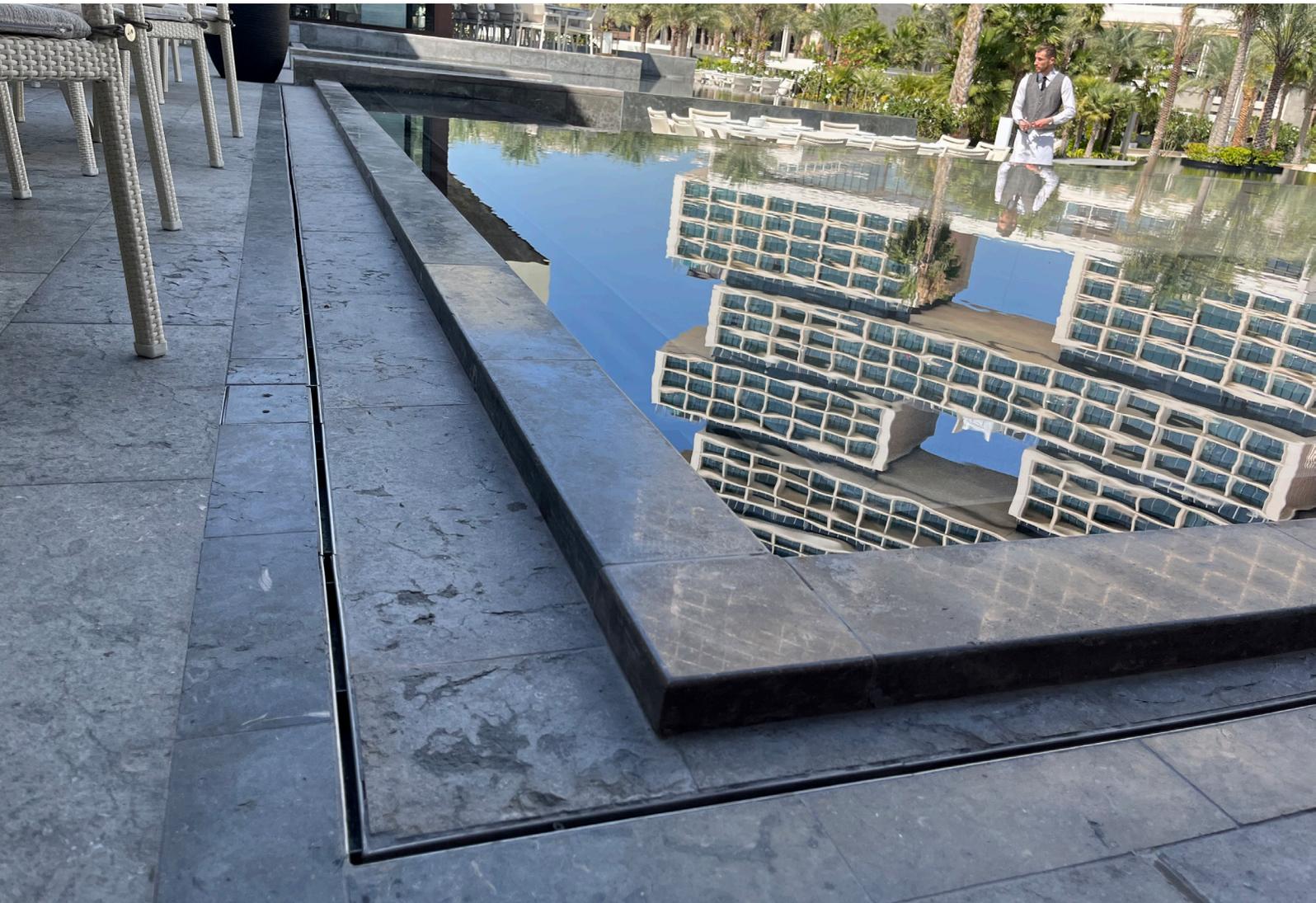
## Home to celebrity chefs

Dining is of course another exceptional experience in Atlantis The Royal Hotel. The hotel offers 17 world class restaurants, featuring a list of celebrity chefs. The kitchen areas of the hotel are the back-stage of professional culinary performances where no compromises are made in terms of quality, performance, hygiene and safety. ACO's international experience and collaborations with experts in drainage and water management in commercial kitchens was acknowledged by the designers. High quality stainless steel channels and gullies were selected for surface drainage. In addition, treatment of waste water from the kitchens is safely handled with high-end fully automatic grease management system.



Stainless steel slot drainage around the fire pit at NOBU by the beach restaurant

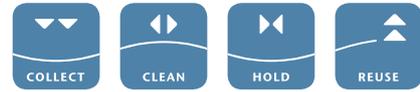
# Drainage solutions along the ACO WaterCycle



Estiatorio Milos restaurant is recognized as one of the finest Mediterranean seafood restaurants introducing Greek design and hospitality. An indistinguishable slot drainage line runs along the terrace of the restaurant.

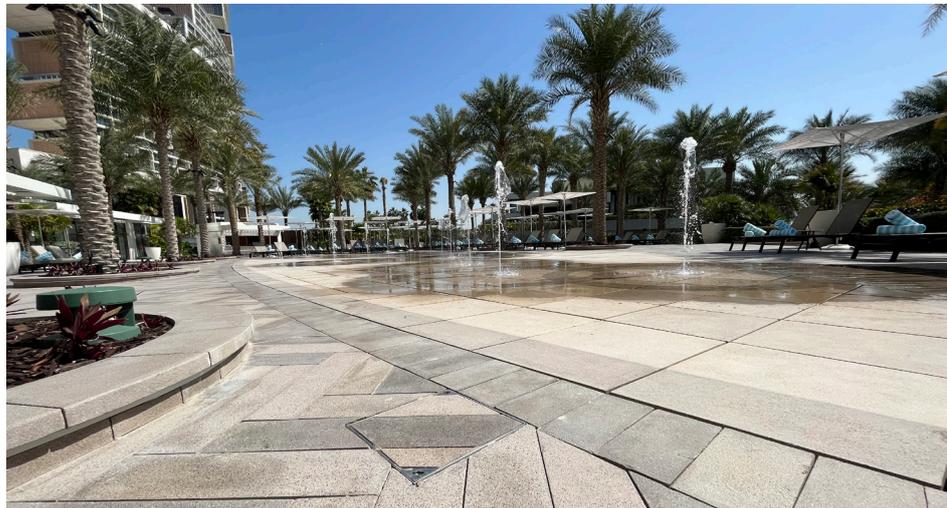


# Drainage solutions along the ACO WaterCycle

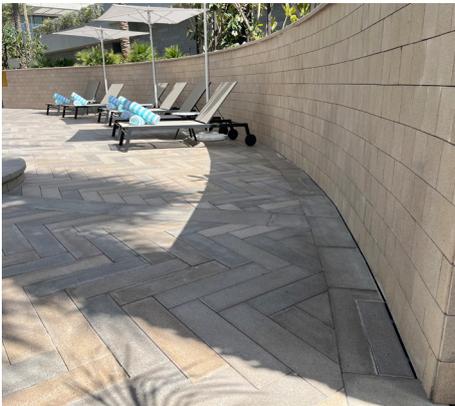


## Walk around

The landscaping around the building is essential factor for the overall feeling of well being and luxury experience in the hotel. All surfaces and areas are planned with utmost attention to the detail, providing vital environment for luscious greenery and optimal comfort for pedestrians. ACO supported the project with discreet slot drainage channels which harmonize with the landscaping design and ensure effective collection of surface waters.



Drainage solutions  
along the ACO WaterCycle





Waters in all professional kitchens are collected and treated with high quality stainless steel drainage and grease separation systems from ACO



Stainless steel box channels with mesh gratings in the area of ice cube machines.

## Behind the scenes

Services that set a new standard for excellence require their own facilities. The ACO team supported professional solutions not only for the designer guest areas, but also behind the scene - such as the stainless steel box channels for the high capacity ice-cube machines and the room where the rich fresh flower decorations are prepared. Waste waters from all the professional kitchens is safely treated with fully automatic grease separators that guarantee effective treatment, easy and odor free maintenance.



Line drainage with stainless steel gratings on delivery entrance ramp



Grease separation equipment in the basement area



Stainless steel box channels in Flower Preparation Room



## Information at a glance

**Project:** Atlantis The Royal Hotel, Dubai  
**Operator:** Kerzner International  
**Architect:** Kohn Pedersen Fox Associates  
**Building contractor:**  
Six Construct and Ssangyong  
**Year of construction:** 2016-2023

### ACO Products:

- Line drainage
  - 13 000 m Stainless steel slot drainage for balconies
  - 2 200 m Slot Drainage for landscaping areas and decks
  - Point drainage gullies
- Stainless steel drainage
  - Box channels and gullies for the Aquarium area and inside kitchens
- Water treatment for oils and light liquids
- Grease management system

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