

OFFICES BUILDING

PINWHEEL

BIEL AREA - BEIRUT

Owner / Client : SOLIDERE

Developer : SOLIDERE

Design Cabinet : RENZO PIANO BUILDING WORKSHOP / FMCP -
Barbanel ME

Local Architect : FMCP Fouad Menem Architects

Mission : Electro-mechanical (Design & Supervision)

Area : 140,000 m²

MEP installation Cost : 815M US\$

Year : 2011 – 2014

Location : BEIRUT - LEBANON



PROJECTS SPECIFICITY

PROJECT CONSISTS OF TWIN TOWERS
ONE RESIDENTIAL AND ONE HOTEL TOWER.
PODIUM LEVEL CONSIST, OF OFFICE BUILDINGS,
RESIDENTIAL BUILDINGS, GYM AREA, RESTAURANTS,
COFFEE SHOPS, DEPARTMENT STORE.
THE ROOF OF THE PODIUM LEVEL CONSISTS
OF A BABYLON GARDEN

TOWER 1 HEIGHT : 330 meters

TOWER 2 HEIGHT : 180 meters

PODIUM HEIGHT : 35 meters



TECHNICAL DATA

A COMPLETE MEP DESIGN FOR ALL MEP SERVICES
INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

- HVAC SYSTEMS WITH A SEA WATER COOLED
CENTRAL CHILLED WATER PLANT
(20MW COOLING CAPACITY).
- COMPLETE FIRE FIGHTING, FIRE PROTECTION
AND FIRE DETECTION SYSTEMS.
- PLUMBING WATER SUPPLY AND
DRAINAGE SYSTEMS
- BACK-UP ELECTRIC GENERATORS PLANT
- POWER DISTRIBUTION NETWORKS
- LIGHTING SYSTEMS
- PUBLIC ADDRESS SYSTEMS
- CCTV SYSTEMS
- ACCESS CONTROL SYSTEMS
- VERTICAL TRANSPORTATION SYSTEMS
- etc...



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