

# CARREFOUR - CASCADA VILLAGE

## TAANAYEL - LEBANON

Owner / Client : CARREFOUR - UAE.  
Developer : CASCADA.  
Architect : DD - 360 - BEIRUT.  
Design Cabinet : Barbanel - ME.  
Mission : Electro-mechanical (Design & Supervision).  
Area : 12000 s.q.m.  
MEP installation Cost : 5M.US\$.  
Year : 2014 - Ongoing.  
Location : TAANAYEL (BEKAA PLAIN) - Lebanon.



### PROJECTS SPECIFICITY

- A NEW HORIZON IN MULTI-PURPOSE DEVELOPMENTS IN LEBANON.  
- A SHOPPING MALL, A HYPERMARKET, A FAMILY ENTERTAINMENT CENTER, A FOOD COURT, A MEDICAL CENTER, ETC... IN THE MIDDLE OF THE BEKAA VALLEY IN LEBANON.

### TECHNICAL DATA

COMPLETE ELECTRO-MECHANICAL SYSTEM DESIGN INCLUDING ALL HVAC, PLUMBING(DRAINAGE and WATER SUPPLY), FIRE FIGHTING AND PROTECTION SYSTEMS, POWER SUPPLY, SECURITY AND ACCESS CONTROL, DETECTION SYSTEMS, CCTV, PUBLIC ADDRESS SYSTEMS etc....

### MAIN FEATURES :

THE DESIGN INCLUDED ALL MEP SERVICES FOR THE HYPERMARKET INCLUDING BUT NOT LIMITED TO THE FOLLOWING:  
1-COMplete CHILLED WATER PLANT SERVING THE AIR-CONDITIONING SYSTEM OF THE HYPERMARKET WITH A CONSTANT PRIMARY AND VARIABLE SECONDARY NETWORKS.  
2-DISTRIBUTED FAN COIL UNITS AND FRESH AIR AHU'S.  
3-SMOKE MANAGEMENT SYSTEM.  
4-PLUMBING WATER SUPPLY AND DRAINAGE SYSTEM.  
5-POWER SUPPLY SYSTEM WITH STANDBY GENERATORS.  
6-PUBLIC ADDRESS SYSTEM.  
7-CCTV SYSTEM.  
8-FIRE DETECTION AND ALARM SYSTEM.  
9-ACCESS CONTROL SYSTEM.  
10-AND ALL LOW CURRENT SYSTEMS SERVING THE HYPERMARKET LOGISTICS.

