

AUB – CHARLES HOSTLER STUDENT CENTER AND CORNICHE FRONTAGE

BEIRUT - LEBANON

Owner / Client : AUB – FACILITIES PLANNING AND DESIGN UNIT
Developer :
Design Cabinet : V J A A – TRANSSOLAR GERMANY – Barbanel ME
Architect : V J A A VINCENT JAMES Associates Architects / SKP
Mission : Electro-mechanical (Design & Supervision) with TRANSSOLAR GERMANY
Area : 16.000 sq.m
MEP installation Cost : 6 M\$ US
Year : 2003 - 2008
Location : Beirut – Lebanon



PROJECTS SPECIFICITY

HEIGHT : 15 METER

PROJECT INCLUDING THE FOLLOWING: BASKET BALL COURT & GYMNASIUM FITNESS CENTER WITH SQUASH COURT YOGA CENTER. TWO LEVELS CAFETERIA, SWIMMING POOL WITH ALL ANNEXED FACILITIES AUDITORIUM WITH THEATER FOR 300 PERSONS & OUTDOOR THEATER

TECHNICAL DATA

PROJECT IS CONSIDERED ONE OF THE MOST SUSTAINABLE BUILDINGS INSIDE AUB CAMPUS, COOLING CAPACITY AROUND 1600 KW

ALL SPACES ARE PROVIDED WITH ACTIVATED SLAB COOLING / HEATING SYSTEM, MORE-OVER FRESH AIR IS INTRODUCED TO CONDITIONED SPACES WITH LOW LEVEL SUPPLY DISPLACEMENT AIR DIFFUSION FOR INCREASED COMFORT LEVELS

GRAY WATER CLARIFICATION AND RE-USE FOR TOILETS FLUSHING, CLEANING AND IRRIGATION.

400 SQUARE METERS OF THERMAL SOLAR COLLECTORS USED FOR DOMESTIC WATER HEATING & SWIMMING POOL HEATING

PROJECT HAS BEEN AWARDED IN THE UNITED STATES AS BEING ONE OF THE DISTINCTIVE PROJECTS ADOPTING SUSTAINABLE DESIGNS AND PRACTICES



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