

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

SPACES ARE PROVIDED WITH SLAB COOLING AND HEATING SYSTEM WITH LOW LEVEL AIR SUPPLY FOR THE TREATED FRESH AIR.

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 USA STATES AS BEING ONE OF THE DISTINCTIVE PROJECTS ADOPTING SUSTAINABLE DESIGNS AND PRACTICES



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