

PEARL ROUTE

BAHRAIN

Owner / Client : MINISTRY OF TOURISM – BAHRAIN
Developer : MINISTRY OF TOURISM
Design Cabinet : Office Kersten Geers David Van Severen –
Bureau Bas Smets- Barbanel ME
Sustainability : Transsolar / Germany
Mission : Outdoor Comfort Mechanical (Design)
AREA : 4000 S.Q.M
MEP installation Cost : 0.6M.US\$
Year : 2013 - Ongoing
Location : MUHARRAK – BAHRAIN



PROJECTS SPECIFICITY

THE RECENT ACKNOWLEDGEMENT OF THE PEARL ROUTE AS PART OF WORLD HERITAGE BY UNESCO. RAISING THE TOURISTIC VALUE OF THE ROUTE BY ENHANCING ITS QUALITY.

TECHNICAL DATA

THE DESIGN INTENT IS TO DESIGN A CRUMBLE TRAIL THROUGH THE PEARL ROUTE RATHER THAN A PARK. THIS IS ACHIEVED THROUGH THE CREATION OF CERTAIN NUMBER OF OPPORTUNITIES WHERE THE COMFORT LEVELS THROUGH THOSE OPPORTUNITIES IS ENHANCED VIA THE ACTIVATION OF WALLS AND FLOORS

- DECENTRALIZED SMALL CHILLER WITH ALL ASSOCIATED PUMPS, PIPES, EMBEDDED LOOPS IN CONCRETE ARE PROVIDED FOR EACH OPPORTUNITY
- RELEVANT CONTROL SYSTEM REQUIRED TO CONTROL THE SUPPLIED TEMPERATURE TO AVOID CONDENSATION

