

**PROJECT DATA SHEET**



**PROJECT:** OFFICE AND WAREHOUSE  
**LOCATION:** CASPIAN DRIVE, POINT LISAS  
**OWNER:** SANT'S EQUIPMENT & RENTALS  
**CLIENT:** SANT'S EQUIPMENT & RENTALS  
**SECTOR:** INDUSTRIAL  
**PROJECT VALUE:** TT\$3m  
**PROJECT COMPLETION:** Aug 2005

**Project Description**

This project involved the detailed architectural, civil and structural engineering, design and construction drawings for a 450m<sup>2</sup> (4,850sf) office building on 1,100m<sup>2</sup> of industrial land. Rivelin Consultants Limited was appointed by the Client as the Design Consultant to carry out the full design of the building including the structural and civil engineering.

**Key project criteria**

- 450m<sup>2</sup> floor area on industrial land and waterlogged conditions
- Design of structural systems that allowed for expansion of the facility at a future date
- Provision of mezzanine flooring for use as office space
- Design of suitable infrastructure to accommodate heavy industrial equipment

**Our role**

- Preparation of the full civil, structural and infrastructure analysis, design and construction drawings for the Client
- Provision of on-site engineering inspection services
- Design and analysis carried out using ASCE07, BS5950 and BS8110 codes
- Provisions made for both seismic and hurricane loading
- Optimise design to provide the Client with the option to extend on a modular basis for future expansion works
- Design of a building configuration that allows for flexible use for offices, industrial storage, servicing, sales and display spaces.

