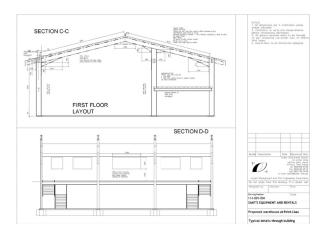


PROJECT DATA SHEET







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 450m² (4,850sf) office building on 1,100m² 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

- 450m² 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.