



PROJECT: EQUIPMENT SLAB & INFRASTRUCTURE
LOCATION: CHAGUARAMAS
OWNER: BRITISH GAS (TRINIDAD & TOBAGO)
CLIENT: BRITISH GAS (TRINIDAD & TOBAGO)
SECTOR: ENERGY
PROJECT VALUE: TT\$6m
PROJECT COMPLETION: Sep 2005

Project Description

This project sought to provide a full and robust slab on grade to accommodate marine and supporting service equipment for BG T&T. The area for installation was limited and detailed planning was necessary to provide the footprint required and of a adequate strength to enable storage of the equipment, support loads and provide surface drainage.

Rivelin Consultants Limited was appointed by the Client as the Design Consultant to carry out the full development and design of the infrastructure including the structural engineering and drainage design.

Key project criteria

- 900m² floor and slab on grade within a congested industrial marine area
- Structural design that allowed for point and distributed loads

Our role

- Planning and orientation of the infrastructure to match existing and to accommodate space restrictions
- Design and specifications for the structural components of the project – concrete and grade loading
- Design and specification for adequate surface drainage
- Tender documents on behalf of the Client – Bills of Quantity, Technical Specifications
- Construction supervision and Quality Control during construction, Contractor liaison

