



PROJECT: ARCADE RECONSTRUCTION
LOCATION: HIGH STREET, SAN FERNANDO
OWNER: R R INVESTMENTS
CLIENT: R R INVESTMENTS
SECTOR: COMMERCIAL
PROJECT COMPLETION: Nov 2013

Project Description

This project entailed the analysis and re-design of an existing commercial space within a live and operational commercial arcade in the middle of San Fernando. The existing space showed signs of structural failure via spalling and cracking, and our brief was to assess and re-design a suitable structural reconfiguration without endangering the existing and adjacent commercial spaces.

The overall project specifications were as follows:

- Analyse the cause of structural distress
- Re-design a new frame to accommodate a new and safe commercial space for use by tenants.
- Develop designs in a manner that ensured continuous commercial operations during construction.
- Provide site supervision and quality assurance to the selected works contractor.

Our role

- Conduct site investigations and as-built condition assessments. Approximate commercial space was 12.8m x 10.2m.
- Carry out the field assessment of the proposed internal framing and structural modifications.
- Review the provisions for the new structural framing and carry out a detailed structural analysis and design of the proposed framing configuration, new foundations and first floor
- Provide working drawings for use by the Contractor
- Client liaison
- Contractor supervision and technical support.