

Sydenham Interactive Learning Centre (SILC)



Location

Watergardens Town Centre,
Sydenham, Vic, Australia

Client

City of Brimbank

Project Value

AUD\$7.8 Million

Office Responsible

Cardno Grogan Richards

Responsibilities

Structures, Civil, Hydraulics & Traffic

Project Scope

Located within the Watergardens Town Centre precinct, immediately opposite the Sydenham railway station, the Sydenham Interactive Learning Centre (SILC) was completed by Buxton Construction in 2007.

The two storey building incorporates 1,000 square metres of commercial office space on the first floor and three retail tenancies at ground level.

A car park providing 50 spaces was provided to service this development. This car park was integrated with new road works associated with the Watergardens Shopping Centre Stage 2 development, which was currently under construction with a separate builder.

Cardno Grogan Richards provided multidiscipline engineering services for both projects.

The building consists of reinforced concrete columns, precast load bearing walls and cores and post tensioned first floor. The roof was conventionally framed in steel.

A highly articulated facade with feature glazed panels was provided to three of the buildings elevations. The facade sat proud of the buildings primary external skin and was supported by galvanised steel frames.

Queensland Investment Corporation, owner of the Watergardens Town Centre made the land available to the Council for the SILC development and supervised the design and construction on behalf of Brimbank Council.

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