

“SYDNEY’S LATEST 6 STAR OFFICE BUILDING, 1 Blich ST SETS NEW STANDARDS IN GREEN TECHNOLOGY”



Sydney’s new Six-Star Green Star Office Building at 1 Bligh Street.

Project Details

Owner, Developer, Investor: Dexus Property Group / Cbus Property

Builder: Grocon Pty Ltd

Other Information: 30 storey’s
42,000 square meters of floor space

Completion Due: May 2011.

Location: Situated on the corners of Bligh, Bent, and O’Connell streets with magnificent views over Circular Quay toward Sydney Harbour.

Innovative technologies and building practices include:

- Vacuum Drainage Technology
- Black water Treatment (includes sewer mining system)
- 90 percent water recycling

As well as many other features including:

- Australian first large scale double skin glass façade
- Innovative Tri-generation energy system
- Innovative solar technology
- 40 percent recycled green concrete (now patented worldwide)
- 90 percent recycled steel
- Siphonic rainwater system
- Full height central Atrium

Project Summary

H.I.Fraser Group were awarded the task to supply the EVAC Vacuum Collection System for this iconic building with the system primarily being utilised to collect trade waste discharge from mid and high level base building services. In addition, the EVAC Vacuum Collection System allows the building owner to offer 100% Net Leasable Space (NLS) on sub tenancy fit-outs by providing vacuum access points on each level to collect from any installed hydraulic service. This will provide tenants with full flexibility on placement of services with no requirement to penetrate the slab during ongoing refits after the building has been completed. Tenants will have the option to install Toilets, Showers, Basins or Kitchenettes almost anywhere on the floor plate.

System Details

Demand: 200m³ combined Hydraulic and Pneumatic (calculated at 75% usage of all services within 1 hour).
Redundancy Required: Full 100% redundancy on complete collection plant including pumps, tanks and control panels.
Connected Services: Level 29 cooling towers, boilers, chillers, and floor wastes
Level 16 chillers and floor wastes
Allowance for 4 off each Showers, WC’s, WHB’s and Kitchenettes per floor.

For further information on the latest in Vacuum Technology, visit our website at www.hifraser.com or email us on enquiries@hifraser.com



Sydney

6/5 Vuko Place Warriewood NSW 2102
PO Box 885 Mona Vale NSW 1660
Ph (+612) 9970 7322 | Fax (+612) 9913 7207
H.I.Fraser Group Pty Ltd | ABN 67 003 343 271

Perth

27a Stockdale Rd O’Connor WA 6163
Ph (+618) 9314 7877 | Fax (+618) 9314 5933
www.hifraser.com | www.evac.com