

CQU where there's smoke there's fire

11.00 pm Friday November 1st 2002



QuickTime™ and its
components
are needed to see this picture.

What Happened

- The Fire
- The Damage Bill
- Management Response
 - Refurbished Data Centre
 - New Data Centre Building
 - Mistakes made
- Reference Sites

The
Lights
went out
and all
was quiet.





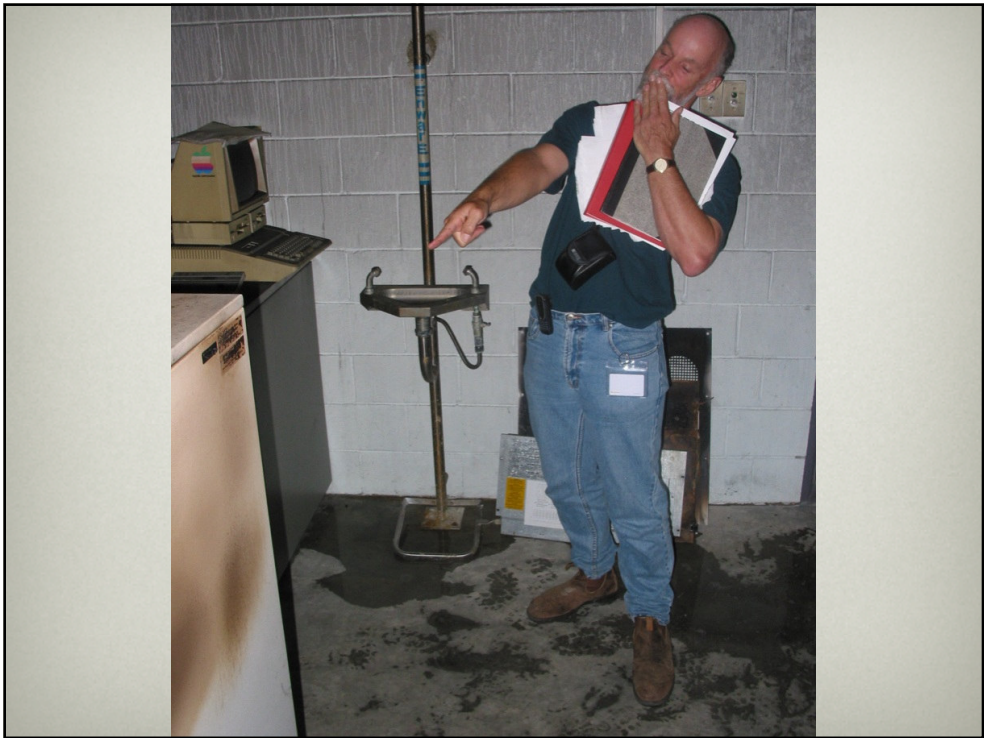












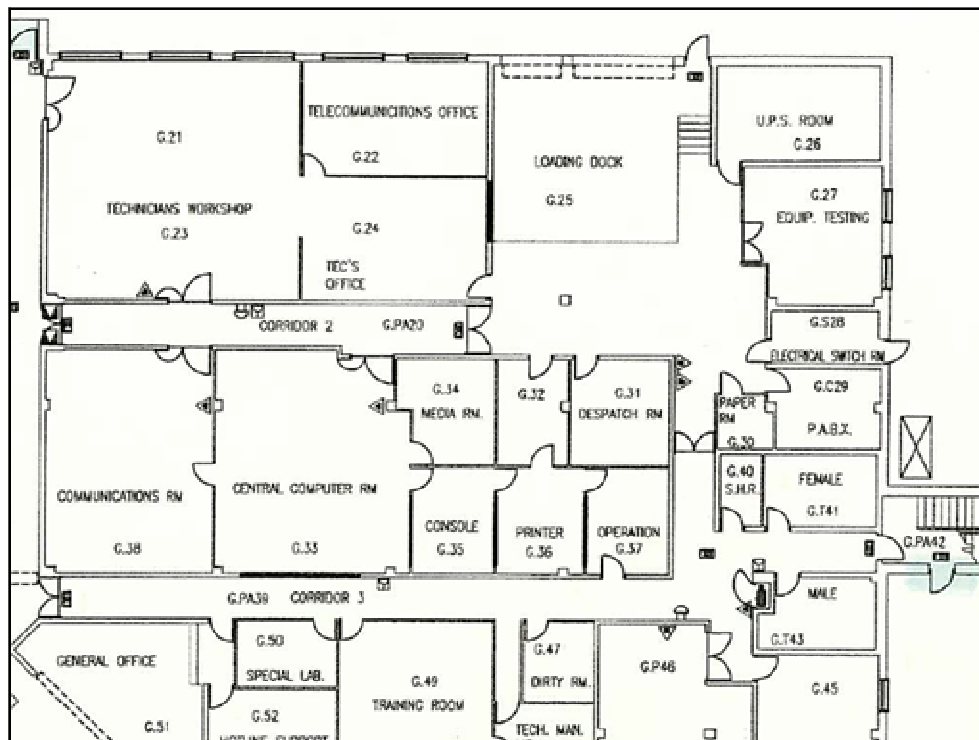
Event Stats

- \$200,000 Total Damages claim
 - Including Equipment failure
 - Staff overtime
 - Replacement UPS

Now for kit damaged







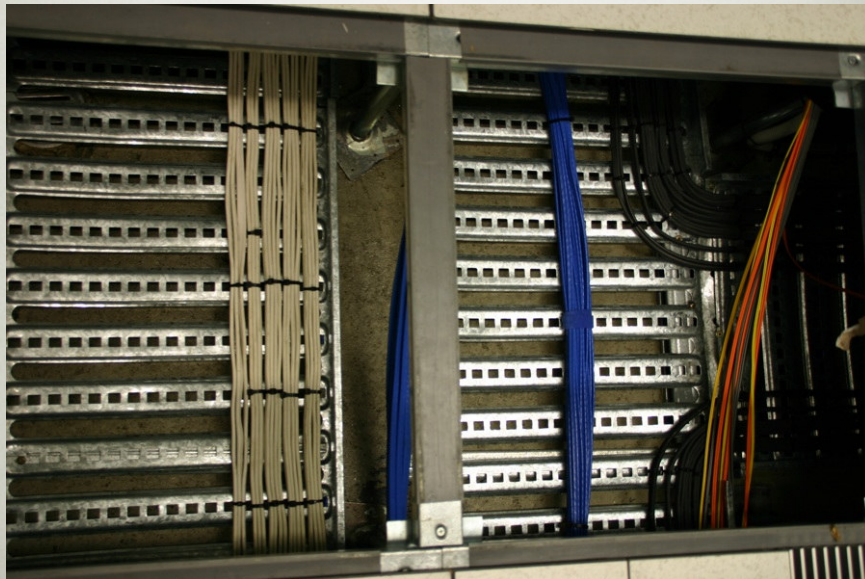
Changes for the future

- The Friendly DVC
- Recovery to operational
- The downtimes to fully operational
- Modifications to main computer room
- New UPS's



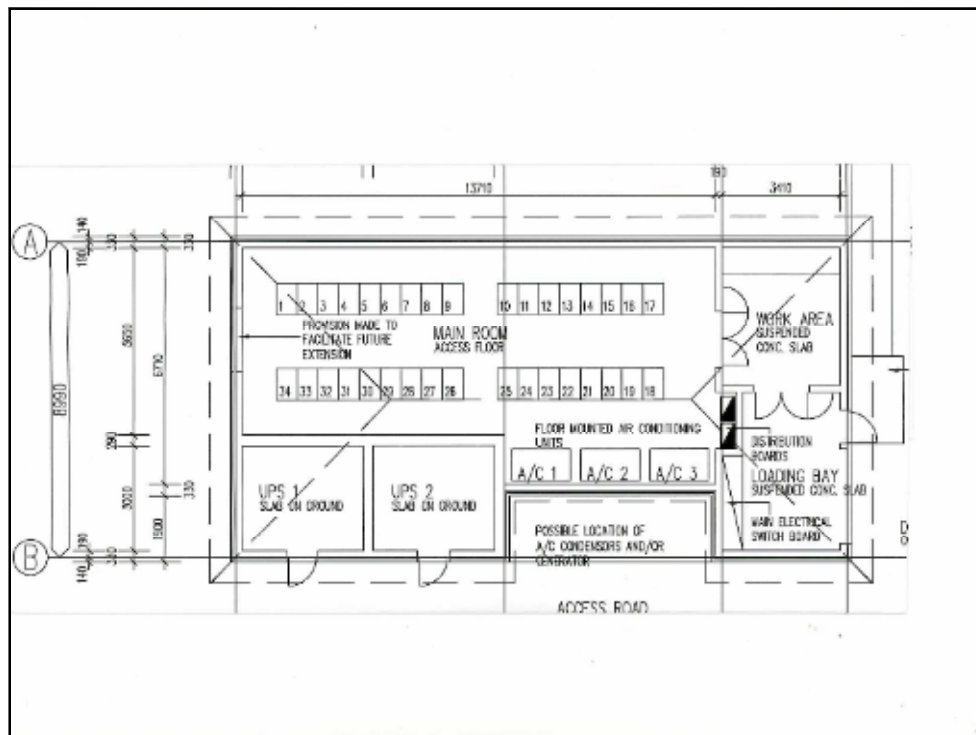


New underfloor Cabling



Designing a new Facility

- Australian Standard AS 2834 - 1995
- Power consumption per rack
- Dual aircons
- Dual PDB's
- Overhead power
- Overhead cabling
- Raised floor - aircon only !



If it looks like a shed



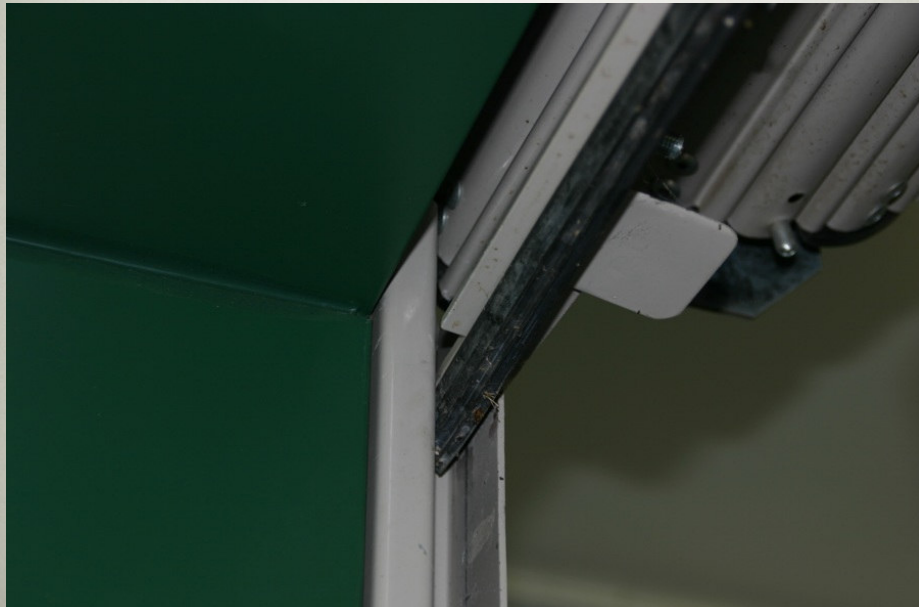
It must be a shed ...



Now it's Built what was wrong

- Pad mounted transformer issues
- Ceiling height
- Vesda location
- Rollerdoor
- Alternate power supply
- Contractor's bloody contractors!

Roller Door



Power Tray



Cable. Power trays



Cable Trays



Solid Rack Doors



Racks



Generator Switch



PDU's & C/B's



Power Supply Options



Vesda



Transformer



The GenSet



Useful references

- AFCOM www.afcom.com
- Gartner www.gartner.com
- APC www.apc.com