



EUROPA ELECTRICAL LIMITED

UNIT 2, RIVERSIDE PARK, EAST SERVICE ROAD,
RAYNESWAY, DERBY, DE21 7RW.
TEL 01332 665 323.

PROJECT DATA SHEET

PROJECT REF:- 110692

PROJECT MANAGER

STEFAN LANDER

MAIN CONTRACTOR

DERWENT VALLEY
CONSTRUCTION

INITIAL BRIEFING

THE UPGRADING OF
THE EXISTING LIGHTING AND
SMALL POWER INSTALLATION
WITHIN ALL MAIN AREAS TO CRE-
ATE A MORE LIGHTER AND EFFICI-
ENT WORKING ENVIROMENT

PROGRAMME

8 WEEKS

COMPLETION DATE

MAY 2006

COST

£40,000.00

THE CRIPPS BUILDING, THE UNIVERSITY OF NOTTINGHAM. ELECTRICAL REFURBISHMENT WORKS TO MAIN BUILDING INCLUDING SMALL OFFICES, CORRIDORS AND STAIRCASE AREAS

Project Details:

The initial brief was to upgrade the existing lighting and small power installations to the small offices, toilets, corridors and main staircase.

At design stage it was found that the existing distribution board did not have sufficient size submain cable and enough spare ways for the new circuits to be installed.

It was agreed that a new sub main cable and distribution board was to be installed within the riser cupboard.

The new small power outlets have all been installed within new and existing dado trunking installed to all areas of the offices and open plan area as detailed in the as fitted drawings. All new dado trunking was installed with risers into the suspended ceiling areas to allow for additions to lighting and power without the disturbance of the building structure.



The new lighting installation has been designed to provide an average lighting level of 450 lux at working height in office areas 200lux in corridor areas and toilets.

The lighting to the centre staircase with glass roof was provided to give light to the landing area for general use and not feel industrial for the glass ceiling this was achieved by installing decorative wall mounted light fittings around the atrium (see picture to right)

Where required all areas within the new installation were installed with emergency lighting to comply with BS5266-1:2005

A complete analogue fire alarm system was installed to all areas to comply with BS

5839-6:2004 in accordance with the specialist contractors instructions provided at tender stage by the client

Special points of interest:

- All new lighting designed and installed to achieve lighting levels of 450lux .
- New small power installed within new 3 compartment dado trunking to allow for expansion of both small power and data outlets.
- New distribution boards installed to comply with BS 7671

