



NEW BUILD FACILITY AT ROSSIE SECURE ACCOMMODATION, MONTROSE

McGill were appointed by Henry Brothers (Scotland) to carry the electrical and security work packages associated with the new build 28 unit care and education facility for young people with significant social, emotional and behavioural difficulties.

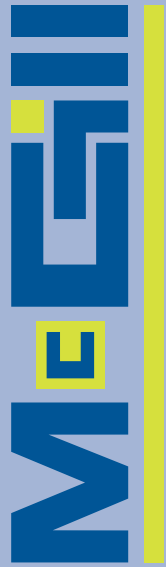
The electrical and security containment systems were installed in the roof void above the accommodation blocks and concealed in walls to accessory and lighting points in each of the rooms and common areas.

We installed a range of recessed and surface mounted anti-ligature luminaires fitted with impact resistant and flame retardant diffusers with anti-tamper fixing screws. We also installed flat plate wiring accessories with rounded corners, secured by anti-tamper screws.

We were also responsible for the supply and installation of the technical furniture in the security room which housed the CCTV monitors and was the central point for the staff attack and access control systems.

Other works carried out by us included the voice and data installation, fire alarm and detection system, bedroom intercom system and the TV Satellite system.

To maintain electrical supplies in the event of power failure we installed a 450kva standby generator set and UPS equipment for essential services.



CLIENT

Rossie Secure Accommodation
Services

MCGILL CONTRACT VALUE

£2.2m

PRINCIPLE CONTRACTOR

Henry Brothers (Scotland)

CONSULTING ENGINEERS

Davie & McCulloch

KEY FEATURES

Interface of staff attack, door
monitoring and CCTV systems

Pre-fabrication of conduit
containment systems for
installation in concrete walls as
they were poured on site

Installation of generator and
UPS equipment

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