

FEMALE DIRECT ACCESS CENTRE

CLIENT:	GERALD EVE
SECTOR:	HEALTH & SOCIAL HOUSING
LOCATION:	LIVERPOOL
VALUE:	£1.1m
DATE:	2007



This project consisted of major alterations and refurbishment of a large run down three storey Victorian property.

The property was disjointed internally with numerous small rooms and narrow corridors at ground floor level. A significant part of the client's brief was to provide a more open plan layout. We therefore advised on the options for the removal of numerous internal walls and subsequently provided detailed structural designs as necessary.

Of particular significance was a very substantial chimney breast to be removed at ground floor level but retained above. Our solution was to cantilever large steel members across the

basement chimney breast below ground floor level, which supported a goal post frame which in turn supported the chimney breast above. The load was hence transferred back to the lower chimney breast as was the case prior to the works, avoiding complex foundation works.

Part of the basement was to be used as a plant room and also extended under new single storey extensions at the rear. We therefore designed underpinning works to the existing rear walls.

In summary, we were able to fulfil the client's brief for the project while minimising potentially complicated structural works.