

Flood Defence Barrier - Cumbria Police HQ



Flood wall constructed to southern end of firing range building



Construction of clay and soil earth bund



Earth bund landscaped prior to erection of lighting columns



Pathway created after construction of flood wall

Client: Cumbria Police	Value: £70,000
Location: Penrith, Cumbria	Duration: 5 weeks

**Project information**

The scheme required the construction of a 1.6m high block retaining wall and construction of a clay/topsoil earth mound to create a flood defence wall to protect the Firing Range premises of Cumbria Police at their Carleton Hall Headquarters at Carleton Hall Penrith.

Ancillary works included the following: -

- Site clearance of overgrowth and trees
- Drainage works to existing surface water network
- Remove and install new kerbing and tarmac reinstatement
- Construction of individual block retaining walls around columns and manholes within the bund
- Installation of TT twin pump pumping station and control panel kiosk
- Lay new ducting and electrical works for the above
- Erection of lighting columns and lanterns, photo electric lighting control and power connections
- Construction of footway around existing building
- Landscaping and seeding to earth mound and surrounding area.