

Design & access statement

Site name	Chapel-en-le-Frith Primary School
Site address	Warmbrook Road, Chapel-en-le-Frith, High Peak, SK23 0NL
UPRN	3333.01
Project	Alterations to security fence

The fencing is required by the school for the following reasons;

- Prevent unauthorised persons gaining access to pupils during normal school hours and in the evenings and at weekends.
- Prevent dog walkers from exercising their animals and eliminate the risk of dog fouling of the school field.
- Prevent unauthorised persons gaining access to the school site outside normal school hours and in the evenings and at weekends. The existing chain link fencing and concrete posts to some areas are defective and require renewal.

The application is for two different sections of security fencing that will add to the security measures for the whole school site.

Section 1 – Mini Bus Bay

In November 2009 the school accepted delivery of a brand new 17 seat mini bus with a list price over £33,000. It will be parked in the corner of the existing car park when not in use, overnight and at weekends.

The proposal will create a secure compound to prevent vandalism or theft by enclosing a small area of the existing car park. Two sides of the proposed parking bay are formed by the existing security fence. The proposal is to erect a further straight section with a pair of gates at right angles forming the forth side. The fencing will be 2.4m high and will be identical to that already in place.

Section 2 -

This section will be installed adjacent to the boundary to enclose the premises. During the winter of 2009/10 a number of trees have been planted at the edge of the playing field to form a wildlife garden and environmental studies teaching resource. Following previous incidents of low level vandalism and the youths congregating on the field the school wanted to establish a secure perimeter. It is proposed to retain the existing gateway so that the mowing tractor can gain access. The new fence will be erected adjacent to the existing 1.8m chain link fence and the mixed thorn hedge. The new fence will overlap the existing 3.0m chain link ball catch fencing rather than butt up to it because the land is uneven and steeply slopes down to the stream.

Design considerations

Careful consideration was taken of the fencing system so that visual intrusion would be minimised. The system chosen for all sections is "Bekaert 358" which while providing a finger and toe proof mesh profile combines an anti-climb and anti-cut panel with excellent through visibility and resistance to vandalism. This combination of attributes provides the best compromise between security and low visual intrusion.

All fencing will be mounted on posts measuring 60x80mm in cross section at 2.525m intervals and 80mm square corner posts. All posts and fencing will be polyester powder coated for longevity. The colour will be the manufacturer's standard colour RAL 6005 (Dark Green) to match the existing security fencing already on site. Each gateway will have a new security gate installed. Each gate will be constructed from "Bekaert Robusta" frames with "Bekaert Securifor 2D" mesh infill panels. The gates are to be constructed from 60mm square section frames and hung from 100mm square posts and equipped with sliding slip latches and padlocks.