JOB REF: 4518

DESIGN AND ACCESS STATEMENT

Proposed Fencing

at

The Latimer Community Arts College

Castle Way
Barton Seagrave
Kettering
Northamptonshire
NN15 6SW

26 May 2009
Ref.: JV/4518/24736/PB
DESIGN AND ACCESS STATEMENT

Proposed 2.44m high security fencing.

The proposals are all as shown on the following submitted information:

4518/20A Scheme as Proposed and Site Location
IAE Fortex 358 Brochure Literature
IAE Fortex Mesh Fence Sample

DESIGN:

Use
The proposed fencing will provide improved security to the existing College site.

Layout
The location of the proposed fencing is as shown on drawing 4518/20A.

Amount
The proposed fence is approximately 2.4m high and 1085m long.

Scale
The scale of the proposed fencing is in keeping with the surrounding area.

Appearance
The proposed security fencing will be either IAE Fortex 358 mesh fencing or an identical product. Please see literature from IAE for further details. The fencing will be polyester powder coated in green.

Landscaping
No new landscaping will result from these works.

Access
Access to the site for pupils, staff and visitors will not be affected.
Fortex® 358 or 'prison mesh' as it is commonly known is a security mesh fencing system with narrow apertures. This prevents the 'would be intruder' having any foot or finger holds therefore making it extremely difficult to climb. The Fortex® panels are overlapped at each post and secured by a full length clamp strip, domed headed bolts and permacone security fixings. The introduction of colour has now made the Fortex® 358 system a popular choice when security is paramount.

**Fortex® Beam**
The inclusion of two pressed beams to Fortex® adds additional rigidity to the panel. The heights vary slightly but the posts and fixing detail remain the same.

**Standard heights:** 2135, 2440 and 3000mm.
All other heights available on request.

**Posts:**
Set at 2440mm nominal centres.
2135mm - 60 x 60 RHS
2440mm - 70 x 70 RHS
3000mm - 80 x 80 RHS

**Wire:**
4mm diameter with a mesh size of 78.2 x 12.7mm.

**Fixings:**
Galvanised bolt, permacone security nut and full length clamp bar.

**Finish:**
Posts and clamp bar - Hot Dip Galvanised to BS EN 1461 or Galvanised & Polyester Powder Coated.
Panels - Galvfan or Galvanised and Polyester Powder Coated.