

## Kettering Town Council's (KTC) Windmill Avenue Allotments – Fence Replacement

### Summary

The existing wooden fence along the Windmill Avenue allotments boundary has deteriorated significantly over the last few years and requires replacement. Additionally, two easily accessible areas of the boundary along neighbouring properties also require securing. The contractor is asked to provide a quotation for the removal of the existing fence and installation of new sections of rigid wire mesh fence, similar to the fence at Whiteford Drive allotments in Kettering.



### Site Location Plan



Refer to appendix A for layout and section key.

### Scope of Work

1. Removal and safe disposal of the existing wooden fence along the boundary with the public footway – Section B.
2. Installation of new 2.0±0.1m high steel mesh fence on the allotment site along:
  - i. Section A – Along boundary of 282 Windmill Avenue adjacent existing fence. Approx. length 10m.



- ii. Section B - Windmill Avenue following the same fence line as that removed. Approx. length 68m.



- iii. Section C - Along boundary of 328 Windmill Avenue adjacent existing fence. Approx. length 7m.



The site boundary should remain secure, particularly when the contractor is not present on site. The contractor shall allow for any temporary sections of fencing to secure the boundary along the Windmill Avenue boundary during the works.

The contractor shall provide a method statement and risk assessment for the works for comment prior to commencement on site. The contractor shall allow to liaise on a daily basis with the Windmill Avenue allotments' site steward.

All waste materials shall be removed from site at the contractor's own expense by a specialist waste disposal company who is licenced with a Certificate of Registration under the current Waste (England & Wales) Regulations by the Environment Agency. Details of such firms employed shall be provided prior to the removal of the waste material and a copy of the Waste Transfer Note must be provided to KTC.

### **Fencing System**

A 2.0±0.1m high, rigid wire mesh profiled panel fencing system, with 30mm top edge projection, shall be used. The wire diameter shall be 5mm nominal size with a 200x55mm mesh size. Fencing panels shall be fixed in place by using the manufacturer's hidden fixing system. Panels and posts shall be a dark green polyester powder coated finish in manufacturer's stock RAL colour. Panels shall be fitted 50mm clear of the ground. Posts shall be 60x40mm RHS, galvanised after manufacture and polyester powder coated to match fencing. Post shall be installed at 2.5m maximum centres, to suit fence panel size. Posts shall be fixed in the ground in accordance with manufacturer's instructions and to suit ground conditions.

Fencing system shall be CLD Physical Security Systems Exempla Profiled Panel System (See Appendix B) or similar approved.

### **Information Required**

The contractor shall provide:

1. A quotation for the complete works described above.

2. Proposed programme of works including lead-in period.
3. Confirmation of the proposed fencing system to be used.
4. If necessary, details of any on-site storage required.
5. Details of Public Liability Insurance – minimum sum required is £5 million.

## **Appendix A - Layout and section key**

# Windmill Avenue

Allotment Fence Replacement

Legend



Rugby Club

282

9.91 m

Fence section A

Existing vehicular gate to remain

Fence section B

67.44 m

Windmill Ave

Fence section C

328

7.13 m

50 m



## **Appendix B – CLD Exempla profiled fencing system**

# CLD Exempla

## Profiled Panel System



CLD Exempla profiled panel system offers an aesthetically pleasing fencing solution whilst ensuring a robust first line of defence. From 2 to 5 profiles are possible, depending on the height of the fence.

Designed for quick and simple installation, including up and down slopes, Exempla mesh fencing panels are held in place by CLD's unique hidden fixing system, SafeTFix.

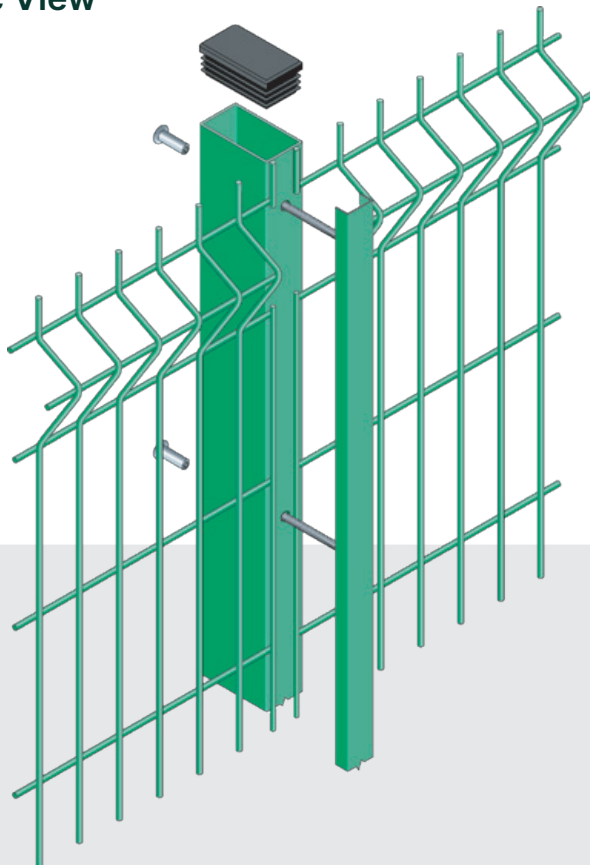
### Ideal for

- Schools
- Housing Areas
- Parks & Gardens
- Warehouse Sitea

### Conforms to



### Isometric View



Exploded view of post and fixing details for the CLD Exempla System  
This product has additional features not demonstrated for security reasons

### Key Features

2 to 5 profiles depending on height

Unique 'SafeTFix' hidden fixing system

Easy to install

Profiled for extra strength

Scan the QR code to find out more

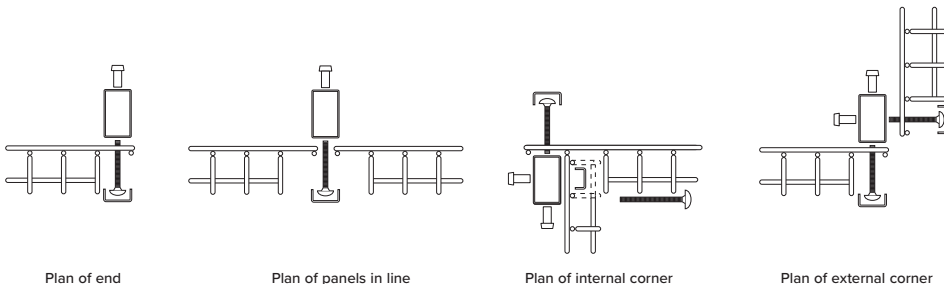




## Product Technical Information

<b>Standards:</b>	BS1722-14:2017 BS EN ISO 1461:2009 BS EN 13438:2013
<b>Wire Diameter:</b>	5mm nominal
<b>Mesh Size:</b>	200 × 55mm
<b>Heights: Select as required</b>	2 profiles: 630mm, 830mm, 1030mm, 1230mm 3 profiles: 1530mm, 1730mm, 1930mm 4 profiles: 2330mm, 2530mm, 2730mm 5 profiles: 3030mm
<b>Nominal heights:</b>	0.6m to 3.0m
<b>Widths:</b>	2505mm
<b>Finish:</b>	Polyester powder-coated to minimum 80 microns. Any RAL colour
<b>Top Edge Projection:</b>	30mm
<b>Panel Installation</b>	Bottom of panel minimum 50mm above final ground level
<b>Posts:</b>	RHS, galvanised after manufacture and polyester powder-coated to match fencing
<b>Post dimensions:</b>	60mm x 40mm up to 2.7m high, 80mm x 40mm for 3m high panels only
<b>Post centres:</b>	2515mm
<b>Fixings:</b>	41mm x 21mm clamping channels and CLD SafeTFix hidden fixing system
<b>Foundations:</b>	Set posts in holes minimum 300mm diameter x 800mm deep.
<b>Note:</b>	Contractor/client is responsible for the foundation size suitable for the ground conditions and fence height.
<b>Warranty</b>	Minimum of 15 years against manufacturing defects.

## System Details



## Disclaimer

Fencing should be installed in accordance with BS 1722-14. Every care has been taken to ensure that all information provided on this data sheet is accurate. CLD Fencing Systems Ltd reserves the right to change product specification at any time. Please ensure that you have the latest information which can be found on our website or by contacting our team.

Document Reference - 20221102\_CLD\_Exempla\_DS