

PROPOSED BOUNDARY WORKS

AT

ELM TREE GRANGE

MILL BROVE NORTH

COWBIT

FOR

MR P AND MRS R BOWMAN

SUPPORTING STATEMENT

DECEMBER 2021

1.0 SCOPE OF THE WORKS

- 1.1 THE PROPOSED BOUNDARY WORKS COMPRISE THE FOLLOWING
- REMOVAL OF ROADSIDE NATIVE HEDGEROW
 - CULVERTING OF ROADSIDE DYKE
 - ERECTION OF ROADSIDE MASONRY WALL
 - ROADSIDE PLANTING
 - COPPICING OF NATIVE HEDGEROW ON SOUTHERN BOUNDARY
 - ERECTION OF MESH FENCE ON SOUTHERN BOUNDARY

2.0 BACKGROUND

- 2.1 IN 2010 PLANNING PERMISSION WAS GRANTED FOR A REPLACEMENT DWELLING REF H16-0714-10 WHICH WAS SUBSEQUENTLY BUILT AND OCCUPIED BY THE APPLICANTS. THIS PLANNING PERMISSION INCLUDED THE FOLLOWING CONDITIONS

- CONDITION 4 - REGARDLESS OF PERMITTED DEVELOPMENT RIGHTS WRITTEN PERMISSION IS REQUIRED FROM THE PLANNING DEPARTMENT FOR ANY WALL, FENCE OR OTHER MEANS OF ENCLOSURE
- CONDITION 6 - THE EXISTING NATIVE HEDGEROWS ON THE EAST, SOUTH AND WESTERN BOUNDARIES ARE TO BE RETAINED AND MAINTAINED

3.0 PROPOSALS

- 3.1 THE APPLICANTS ARE STRUGGLING TO REMOVE THE ARBORESCENT IVY AND IMPROVE THE OVERALL CONDITION OF THE NATIVE HEDGEROWS. IN ADDITION THE ROADSIDE DYKE IS USED AS A RUBBISH DUMP (CANS, BOTTLES, FOOD WRAPPERS) AS ARE OTHER DYKES ALONG THIS SHORT CUT ROUTE TO THE BT PASS. THE APPLICANTS OBJECTIVES ARE
- A - PREVENT THE DYKE BEING USED AS A RUBBISH DUMP AND PROVIDE A NEATER ROADSIDE APPEARANCE
 - B - IMPROVE THE CONDITION OF THE NATIVE SOUTHERN HEDGEROW

- 3.2 OBJECTIVE A
- THE APPLICANTS WOULD LIKE TO CULVERT THE ROADSIDE DYKE, REMOVE THE NATIVE HEDGEROW AND ERECT A BRICK WALL WHICH WOULD LINK UP THE EXISTING BRICK WALL ON THE NORTHERN BOUNDARY WITH THE BRICK WALL AT THE SITE ENTRANCE TO THE DWELLING AT THE SOUTHERN END OF THE SITE. THE DESIGN OF THE PROPOSED WALL WILL MATCH THAT ON THE NORTHERN BOUNDARY. THE RESULTANT GRASS VERGE WILL THEN BE SET WITH A LINE OF NATIVE ACER CAMPESTRE TREES AS TAKEN FROM THE HILLIER STREET WISE RANGE WITH COTONEASTER HORIZONTALIS WALL HUGGING SHRUBBERY AT THE NORTHERN END OF THE WALL TO SOFTEN ITS PRESENCE WHERE TREE PLANTING WILL BE OMITTED TO AID ACCESS VISIBILITY. ACER CAMPESTRE WAS CHOSEN AS IT IS LOCALLY NATIVE AND DUE TO SELECTIVE BREEDING FORMS AN UPRIGHT HABIT WHICH IS SUITABLE FOR ROADSIDE PLANTING, SEE EXTRACT FROM HILLIER BROCHURE IN APPENDIX A.

- 3.3 OBJECTIVE B
- THE APPLICANTS ORIGINAL THOUGHT WAS TO RIP OUT THE ORIGINAL NATIVE HEDGEROW AND REPLACE WITH A NEW NATIVE HEDGEROW, BUT UPON RECEIPT OF THE ARBOCULTURAL REPORT THIS HEDGE WILL NOW BE COPPICED AS PER ITEM 3.2.2 IN THE REPORT WHICH WILL ALSO PROVIDE BETTER ACCESS TO REMOVE THE ARBORESCENT IVY AS WELL AS PLANT UP THE GRASS. THE APPLICANTS CAN CONTROL THE RE GROWTH AND NEW PLANTS TO PROVIDE A THREE METRE HIGH DENSE HEDGE CUT TO A MORE FORMAL SHAPE

3.3 TO MAINTAIN SITE SECURITY WHILST THE HEDGE IS GROWING AND ENSURE
cont CONTAINMENT OF THE APPLICANTS DOGS WITHIN THEIR PROPERTY IT IS PROPOSED
TO INSTALL A TWO METRE HIGH MESH FENCE TO THE NORTHERN SIDE OF THE
NATIVE HEDGE. UNDER NORMAL CIRCUMSTANCES THIS MESH FENCE WOULD BE
PERMITTED DEVELOPMENT BUT AS PREVIOUSLY MENTIONED THESE RIGHTS WERE
REMOVED AS PART OF THE PLANNING PERMISSION FOR THE REPLACEMENT
SWELLING

4.0 ISSUES TO BE ADDRESSED

- 4.1 C APPROXIMATELY FORTY FIVE METRES OF NATIVE HEDGEROW REMOVED AS
PART OF THE APPLICATION FOR THE PROPOSED FARM MACHINERY STORE
PLANNING PERMISSION H16-0294-21
- D CONDITIONS ON PREVIOUS PLANNING PERMISSIONS REQUIRE THE HEDGEROW TO
BE RETAINED AND
- E POLICIES IN THE NATIONAL PLANNING POLICY FRAMEWORK AND THE SOUTH
EAST LINCOLNSHIRE LOCAL PLAN 2011-2036 REQUIRE DEVELOPMENTS TO
CONTRIBUTE AND ENHANCE THE NATURAL ENVIRONMENT
- 4.2 IN ORDER TO MEASURE/ ASSESS THE EFFECTS OF THE PROPOSED WORKS
ANDREW BELSON AGRICULTURAL CONSULTANT WAS EMPLOYED TO CARRY OUT
SURVEY AND PRODUCE REPORT ON THE TREES AND HEDGES IN THE VICINITY OF THE
PROPOSALS AND HELEN SCARBOROUGH ECOLOGY TO CARRY OUT SIMILAR SURVEY AND
REPORT FOR THE SITES ECOLOGY. THESE DOCUMENTS ARE INCLUDED AS PART OF
THIS PLANNING APPLICATION
- 4.3 RE AGRICULTURAL ISSUES
- EXISTING HORSE CHESTNUT TREE T2 ON PLAN ALTHOUGH IN POOR CONDITION
CAN ACCOMMODATE A CERTAIN AMOUNT/ PERCENTAGE OF DISTURBANCE
 - THE EXISTING NATIVE HEDGEROW TO THE SOUTH BOUNDARY IS IN REASONABLE
CONDITION BUT TO BRING IT BACK TO A VISUALLY ACCEPTABLE CONDITION
WILL REQUIRE RADICAL TREATMENT EG TOPPING - VISUAL EVIDENCE OF
THIS BEING CARRIED OUT IN THE PAST
- 4.4 RE ECOLOGY ISSUES
- PAST AND PROPOSED IMPROVEMENTS IN ECOLOGY BOTH ON THE APPLICATION
SITE AND LOCAL SITES OWNED BY THE APPLICANTS CAN BE TAKEN INTO
CONSIDERATION WHEN ASSESSING ECOLOGY VALUES
 - THE APPLICANTS HAVE PROVIDED PLANTING ON THEIR BUSINESS PREMISES
AT MARSH ROAD SPALING IN EXCESS OF THAT APPROVED BY PLANNING - REF
H16-0068-18 BY 11 TREES AND 400 WILLOW PLANTS
 - EVEN WITH THE REMOVAL OF THE ROADSIDE DYKE AND ROADSIDE NATIVE
HEDGEROW THE PREVIOUS REDEVELOPMENT OF THE SITE WITH ADDITIONAL
HEATHS, TREES AND PONDS/LAKES HAS RESULTED IN AN INCREASE OF
BIODIVERSITY UNITS

5.0 CONSULTATIONS

- 5.1 PLANNING DEPARTMENT
- PRE APPLICATION ENQUIRY SENT 3-9-2021 WITH A FAVORABLE REPLY
DATED 26-10-21 (COPY OF REPLY IN APPENDIX A). IN THIS REPLY VALUOUS
COMMENTS WERE INCLUDED FROM THE COUNCILS TREES AND CONSERVATION OFFICER
- THE EXISTING HORSE CHESTNUTS TREES NOTED AS T1 AND T2 ON THE
SUBMITTED PLANS ARE TO REMAIN, THIS WAS A REQUIREMENT FROM THE
APPLICANTS IN THEIR ORIGINAL BRIEF EVEN THOUGH TREE T2 IS IN
POOR CONDITION AND LIMITED LIFE SPAN - SEE ITEM 3.2.3 AND SURVEY
IN AGRICULTURAL REPORT. ALTHOUGH THERE WILL BE FOUNDATION

- WORKS WITHIN THE ROOT PROTECTION AREA (RPA) OF TREE T2 THIS WILL BE MINIMISED BY USING PILED FOUNDATIONS AND WALL PANELS BETWEEN PILES SITTING ABOVE GROUND LEVEL - SEE DETAILS ON DRAWING 3315-B. TREES CAN ACCOMMODATE A CERTAIN AMOUNT OF DISTURBANCE WITHIN THEIR RPA, THE AMOUNT DEPENDANT ON THE TREE IN QUESTION
- WATER AVAILABILITY TO EXISTING TREES. THE PIPING AND FILLING OF THE DYKE MAY CHANGE WATER FILTRATION INTO THE GROUND BUT IN MITIGATION - THE DYKE HAD A DRY BOTTOM AT TIME OF SURVEY DECEMBER 2020 (ALSO NOTED IN ECOLOGY SURVEY)
 - THE DYKE FILLING IS PERMEABLE - SOIL AND GRANULAR MATERIAL
 - ANY WATER WOULD HAVE TO BUILD UP IN THE GRANULAR FILL BEFORE THE HIGHER LEVEL PERFORATED PIPES CAN CARRY AWAY
 - THE REMOVAL OF THE NATIVE HEDGEROW WILL FREE UP WATER FOR THE TREE TO UTILISE
 - ECOLOGY IN THE DYKE SEE REPORT BY HELEN SCARBOROUGH
 - EFFECT OF PROPOSED TREES ON PROPOSED WALL
 - ENTIRE FOUNDATION TO THE PROPOSED WALL WILL BE PILED SO THE PROPOSED TREES WILL NOT STRUCTURALLY IMPACT THE FOUNDATIONS.
 - AS A PRECAUTION THE STRUCTURAL ENGINEER IS PROPOSING SOME REINFORCEMENT TO THE BRICKWORK
 - PROPOSED TREES HAVE UPRIGHT GROWTH, NARROW SPREAD AND ALL CROWN RAISED TO 1.8 METRES ALL OF WHICH MINIMISES POSSIBLE IMPACT UPON THE WALL - SEE INFORMATION ON PROPOSED TREES IN APPENDIX A
 - EFFECT OF PROPOSED TREES ON PROPOSED PIPING
 - THE PROPOSED PIPES ARE IN 6 METRE LENGTHS THUS MINIMISING WEAK SPOTS FOR TREE ROOTS TO INFILTRATE PLUS THE GEOTEXTILE SURROUND TO THE GRANULAR FILL WILL ACT AS A ROOT BARRIER
 - HOLES IN WALL FOR NESTING BIRDS. - THE APPLICANTS DO NOT WISH TO HAVE HOLES THROUGH THE PROPOSED WALL BUT ARE HAPPY TO BUILD IN RECESSES ON THE WESTERN SIDE OF THE WALL WHICH WILL BE CONCEALED FROM VIEW BY THE LAUREL HEDGE

5.2 HIGHWAYS

- VERBAL DISCUSSION HAD WITH DEAN WHITEHEAD ON THE 1-9-2021
- RE OWNERSHIP OF THE DYKE, ACCORDING TO HIGHWAY RECORDS / MAPS THE DYKE IS OWNED BY THE APPLICANT AND THAT A PREVIOUS OWNER EXCAVATED THE DYKE. HIGHWAYS ONLY OWN TO THE EASTERN BRINK OF THE DYKE
 - HIGHWAY DRAINAGE - DEAN REFERRED TO THE L.C.C PUBLICATION 'DEVELOPMENT ROAD AND SUSTAINABLE DRAINAGE SPECIFICATION AND CONSTRUCTION' - SEE FILTER DRAINS FOR GUIDANCE AND AS A RESULT
 - THE VERGE IS SET LOWER THAN HIGHWAY TO FACILITATE OVER EDGE DRAINAGE
 - GRANULAR MATERIAL ADDED BELOW TOP SOIL IN PERMEABLE GEOTEXTILE TO AID DRAINAGE
 - PERFORATED PIPES INCLUDED AT DYKE BED / BASE OF GRANULAR FILL TO TAKE AWAY STORM WATER
 - TALK TO RELEVANT I.D.B.

- 1.0.8

VERBAL DISCUSSION HAD WITH DOM MORRIS FROM THE S.H.I.D.B ON THE 2-9-2021 WHO CONFIRMED THAT AN APPLICATION IS REQUIRED AND HE WILL FORWARD APPLICATION FORMS

6.0 VISUAL IMPACT

FROM THE PUBLIC HIGHWAY

- 6.1 THERE WILL BE NO CHANGE OF THE VIEW FROM THE NORTH OR THE WEST.
NOTE - THE EXISTING NATIVE HEDGEROW ON THE NORTHERN SIDE OF THE FARM ACCESS ALTHOUGH NOT ON THE APPLICANTS LAND IS COVERED BY A LEGAL AGREEMENT AND CANNOT BE REMOVED
- 6.2 FROM THE SOUTH THE WORKS ON THE SOUTHERN BOUNDARY WILL BE SIMILAR AS NOW IN THAT THERE WILL BE A NATIVE HEDGEROW ON THE BOUNDARY ALBEIT TRIMMED TO A FORMAL SHAPE
THE PROPOSED MESH FENCE WILL NOT BE VISIBLE FROM THE PUBLIC REALM ONCE THE NATIVE HEDGEROW HAS RE GROWN AND WILL NOT BE VISIBLE FROM WITHIN THE APPLICATION SITE AS THE LAUREL HEDGE WILL BLOCK ITS PRESENCE PLUS THE NATIVE HEDGEROW WILL BE ALLOWED TO GROW THROUGH THE MESH
- 6.3 THE PROPOSED WORKS ON THE EASTERN BOUNDARY WILL BE VISIBLE BUT IN MITIGATION
- WHEN TRAVELLING NORTH ALONG THE A16 BY PASS THE APPLICATION SITE IS SHIELDED FROM VIEW BY THE TURKEY REARING FARM
 - WHEN TRAVELLING ALONG MILL DROVE NORTH FROM THE NORTH THE VIEW IS MINIMAL AS THE RUNS PARALLEL TO THE PROPOSED WALL, THE WALL WILL BECOME MORE EVIDENT THE CLOSER YOU GET BUT THIS VIEW IS SOFTENED BY PROPOSED LANDSCAPING
 - WHEN TRAVELLING SOUTH ALONG FULNEY DROVE THE PROPOSED WALL MAY BE SEEN AT AN ACUTE ANGLE AND AT TIMES BROKENLY DUE TO LANDSCAPING IN THE FOREGROUND AND AS WHEN TRAVELLING FROM THE OPPOSITE DIRECTION THE WALL BECOMES MORE EVIDENT THE CLOSER YOU GET BUT SOFTENED BY PROPOSED LANDSCAPING
 - WHEN TRAVELLING NORTH ALONG BROADGATE (ROAD RUNNING TO EAST OF MILL DROVE NORTH AND PARALLEL TO) THE APPLICATION SITE IS SHIELDED BY PROPERTIES ALONG BROADGATE PLUS BY THE TURKEY REARING FARM AND DELAY FARM ON MILL DROVE NORTH. IT IS ONLY WHEN A PERSON IS DIRECTLY EAST OF THE APPLICATION SITE WHEN THERE IS A SMALL BREAK IN PROPERTIES ON BROADGATE THAT THE ENTIRE LENGTH OF THE WALL WILL BE EVIDENT AND THIS IS AT A DISTANCE OF APPROXIMATELY 1.2 KILOMETRES AND THE VIEW IS FURTHER SOFTENED BY TREES ON THE EASTERN SIDE OF MILL DROVE NORTH AND PROPOSED LANDSCAPING IN FRONT OF THE WALL.
THE PROPOSED WALL IS THEN BLOCKED FROM VIEW UNTIL YOU EXIT THE VILLAGE OF WESTON HILLS WHEN TRAVELLING WEST ALONG OLD FENDYKE ROAD AND THEN YOU HAVE TO LOOK LEFT AT AN ANGLE WITH THIS VIEW SOFTENED BY EXISTING AND PROPOSED LANDSCAPING
- 6.4 OVERALL YES THE PROPOSED BRICK WALL WILL BE VISIBLE FROM CERTAIN DIRECTIONS BUT THIS IS NOT CONSIDERED DETRIMENTALLY SO AND THE VIEW WILL BE SOFTENED BY EXISTING AND PROPOSED LANDSCAPING BEHIND AND IN FRONT OF THE WALL
THE PROPOSED WALL IS NOT EXCESSIVELY HIGH AND IS COMPLEMENTARY AND COMMENSURATE WITH THE FORMAL DESIGN OF THE HOST DWELLING

APPENDIX A

INFORMATION ON MILLER STREETWISE TREES

Clonal Selection of Trees at Hillier Nurseries

Definition – A group of identical trees derived originally from a single individual plant, which are then maintained in cultivation by vegetative propagation, e.g. budding, grafting or cutting.

These individual trees (clones) were originally selected because of certain characteristics they possessed. The characteristics over the years have helped to satisfy certain requirements in landscaping. For example, some of the best known and most widely used clones are:

1. *Fraxinus excelsior* 'Westhof's Glorie'
2. *Tilia cordata* 'Greenspire'
3. *Sorbus aucuparia* 'Sheerwater Seedling'

There have been many clonal trees developed over the years, most of them have not been special enough to stay in cultivation. The development time of these clones, unless found in the wild, will take 20 years or more.

An example of successful clonal selection at Hillier Nurseries is *Acer campestre* (Field Maple) a native tree which, up to now, has mainly been used in hedge rows, farm lands and sides of motorway planting. This tree, with its unpredictable shape and habit, had no potential for street or car park planting. We looked at this tree with a view to select a clone with a uniform upright branching habit 20 years ago. We selected 5 clones and propagated these trees every year and checked their growth rate, habit, autumn colour, pest and disease resistance. After 18 years of thorough checking we chose clone No. 4 which was subsequently named *Acer campestre* 'Streetwise'.

This small to medium size tree has a lot of potential for urban planting. Its main features are:

- i. Very hardy
- ii. Responds well to pruning
- iii. Good autumn colour
- iv. Keeps its shape into maturity
- v. The seeds will colour up to a beautiful red in the autumn.

We hope you like these new trees and will specify them on your future scheme. See our 'Streetwise' range on the following pages.



THE *Streetwise* RANGE

'Superior trees from Hillier Nurseries for the next millenium'

The Streetwise range, is a range of trees raised and trialed at Hillier Nurseries and selected for their suitability as superb landscape trees.

ACER CAMPESTRE 'STREETWISE'

7m high by 3m wide (after 25 years)

Superb neat form of Acer campestre with a dominant central leader and balance crown. Brilliant autumn colour. Ideal for commercial and urban developments. Tolerant of all soil types and very hardy. Stock available Autumn 1997.



ACER CAMPESTRE 'STREETWISE'

SORBUS AUCUPARIA 'STREETWISE'

7m high by 3m wide (after 25 years)

Strong growing clonal selection of Sorbus aucuparia with a very neat upright habit. Very free fruiting producing an abundance of bright orange berries. Excellent tree. Stock available 1997.



ACER CAMPESTRE 'STREETWISE'

APPENDIX B

S.H.D.C PRE APPLICATION REPLY

Robert Boor Draughtsman
26 Fengate
Moulton Chapel
Spalding
Lincolnshire
PE12 0XL

Council Offices
Priory Road
Spalding
Lincolnshire
PE11 2XE

Admin 01775 764723
DC Officers 01775 764703
facsimile 01775 762937

planningadvice@sholland.gov.uk
www.sholland.gov.uk

26th October 2021

Dear Sir/Madam

PLANNING: PRE-APPLICATION ADVICE

Reference: PE-00381-21 **Case Officer:** David Grant
Location: Elm Tree Farm Mill Drove North Cowbit Spalding
Proposal: Proposed alterations.

Thank you for your enquiry. I sincerely apologise for the delay in my response. I was chasing a consultation reply from the South Holland Trees & Conservation Officer. Their response is as follows:

"To date there are no Tree Preservation Orders at this property."

"As far as the wall goes, its construction, and potential impact on remaining trees, whether the trees are preserved or not is not an issue. Any tree of significance should be treated with the respect which it deserves, to retain it in the best possible health."

"Unfortunately we have not been given a copy of the arboricultural report or ecological report to consider. The fact that both have been obtained is encouraging."

"Main concerns:

That the proposed wall is constructed in such a way so as not to damage the root structure of the trees to be retained. It is noted that there are two horse chestnuts, great care should be taken not to damage the roots of established trees. Ideally a wall should not be built within the Root Protection Area (see British Standard 5837:2012) of a tree. It may be possible to bridge significant roots, at one property I saw an actual arch had been constructed to avoid the roots of a horse chestnut tree."

"The piping of the open dyke is likely to reduce the water availability to nearby established trees. Some dykes are of wildlife interest; no doubt the ecological survey will pick up the potential for water voles, great crested newts and the like."

"The proposed wall, and proposed piping should be constructed to be able to withstand the presence of the proposed trees to be planted along the frontage of said wall."

"The removal of an established native species hedgerow in favour of a wall is likely to be of detriment to wildlife. Many fine hedgerows have an element of established ivy maintained within their structure. Should this proposal gain approval and a wall be constructed, the leaving out of an occasional brick or two at high level within the wall particularly if eventually partially masked by vegetation would provide ideal nesting sites for wrens and the increasing rare migrant, spotted flycatcher."

"(Just an observation, at one point it mentions a brick wall to match the existing, in another a masonry wall; maybe somewhere it states where one converts to the other.)"

Because there are no tree preservation orders on this land, there is not a requirement to enact the above advice. It is considered that the wall if built to match the existing should not materially impact the character of the surrounding area.

This planning advice is given in good faith but is an officer opinion only and therefore is not binding on any formal decision the Council may make following the receipt of a planning application.

BUILDING REGULATIONS

The works that you are proposing may also require Building Regulations and this informal advice or any subsequent planning permission does not give authority under Building Regulations to commence work. Please contact the Building Control section for further information on 01775 764557

Yours faithfully



David Grant, Planning Officer
dgrant@sholland.gov.uk

APPENDIX C

DETAILS ON MESH FENCING PROPOSED ON
SOUTHERN BOUNDARY.

SIMILAR SITUATION AT THE SPALDING GRAMMAR
SCHOOL AT THE JUNCTION OF HAVERFIELD ROAD,
PRIORITY ROAD AND SPRING STREET EXCEPT MESH
FENCE FOR APPLICATION SITE WILL NOT BE
VISIBLE ABOVE HEDGE.



The Nylofor® Medium system

THE NYLOFOR MEDIUM
SYSTEM IS A COMPLETE
SYSTEM, DEVELOPED FOR A
FAST, PROFESSIONAL & LOW
COST INSTALLATION.

Benefits

Cost effective

Specially developed to provide maximum performance and quality at competitive price levels.

Long life

Galvanised and PVC coated for long life and low maintenance and aesthetic appearance.

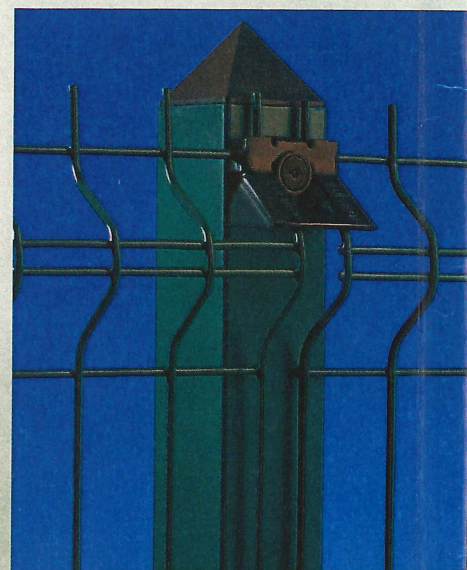
Easily & rapidly installed

With a choice of post systems:

- Bekafast fixingless posts
For simple boundary end demarcation fences
To BS 1722 Part 14 – Category:1
- Twilfix 2000 posts
For general security & anti-intruder fences
To BS 1722 Part 14 – Category 1 & 2

Complete system

Supplied as a complete system with panels, posts, fixings and Robusta gates. Vertical or cranked extensions to support 3 rows of barbed wire available to provide additional security.



TECHNICAL SPECIFICATIONS

Panels

The Nylofor Medium panel is reinforced with four 'V' shaped beams to enhance the rigidity, and provide a longer delay factor against cut-through.

Mesh Pattern: 100 x 50mm resistance welded at each intersection

Horizontal Wires: 4mm diameter at 100mm centres

Vertical Wires: 4mm diameter at 50mm centres

All panels have a 30mm barbed top edge.

Posts and fixation

Twilfix 2000

- Posts pitched at 2.525m centres
Post size 60 x 60 x 2mm RHS
- 80 x 60 x 2.5mm RHS for multi-lift fences at 4.0m high
- utilise steel fixing brackets to secure panels to the front face of the posts.
- I/V = 8.03 cm³

New for 2004 is the profiled beam bracket which offers improved security and rigidity. On level ground two profiled brackets are required per assembly securing the panel at the upper and lower profile beam.



On sloping ground four profiled brackets are necessary to secure each panel at the upper and lower beam. The remaining fixings are the standard universal brackets.

Bekafast

- Posts pitched at 2.525m centres
- Unique profiled section 50mm wide x 60mm deep
- I/V = 5.23cm³

NO FIXINGS REQUIRED



Coating techniques

Panels made out of galvanised wires (min. 40 g/m²). An adhesion coating is given for a perfect adhesion with the plastic coating.

The posts are polyester powder coated with a galvanised substrate in accordance with Euro norm 10147. Afterwards an adhesion coating is applied and finally the posts are plastic coated (min. 60 micron).

Finish

bonded PVC coated green with a galvanised substrate.



ASSORTMENT NYLOFOR MEDIUM

panels		posts					
Fence Height m	Panel Size Height/Width mm	Number of Beams	O/A Length	Total number of fixings			
				Inters		Corners	
				Standard	3D Profile	Standard	3D Profile
2.0	2030 x 2500	4	2700	4	2	8	4

Applications

The Nylofor Medium System is highly recommended for professional fencing of parks, playgrounds, gardens, factories and warehouses, ports, airports and military sites.

