

TYPICAL POST AND PANEL FIXING DETAIL

STEPPING DETAIL FOR SLOPING GROUND

PLAN VIEW ON OBTUSE OR ACUTE CORNERS

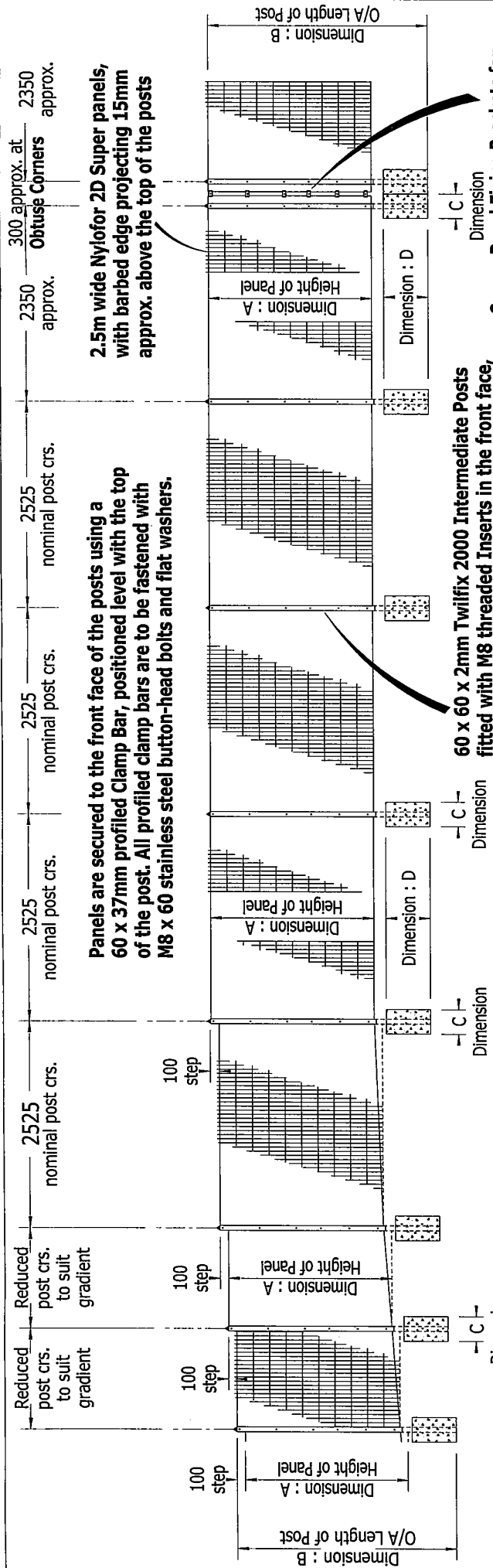
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NYLOFOR 2D SUPER
WITH "U" CHANNEL CLAMP BAR

Drawn	Date	Drawing No.:
MJH	09.06.03	NY - 2DS PLUS
		REV



2525 nominal post crs. 2525 nominal post crs. 2525 nominal post crs. 2350 approx. 300 approx. at Obtuse Corners approx.

2.5m wide Nylofor 2D Super panels, with barbed edge projecting 15mm approx. above the top of the posts

Panels are secured to the front face of the posts using a 60 x 37mm profiled Clamp Bar, positioned level with the top of the post. All profiled clamp bars are to be fastened with M8 x 60 stainless steel button-head bolts and flat washers.

60 x 60 x 2mm Twifix 2000 Intermediate Posts fitted with M8 threaded Inserts in the front face, and supplied with black plastic Pyramid top caps for fitting on-site.

Corner Panel Fixing Brackets for external & internal Obtuse Corners

Corner posts
 Corner posts are available for Standard 90° external and internal corners. External and internal Obtuse corners are achieved using 2no. standard Intermediate posts (set approx 250mm apart) and stainless steel corner panel fixing brackets. End posts are not required.

Gradients
 All standard Intermediate & Corner posts are fitted with 2no. additional threaded inserts at the top & bottom to facilitate 100mm steps between adjoining panels. Different gradients are achieved by reducing the post centres and width of panel to suit, ie :
 2500 wide standard panel with 100mm step : 1 in 25 (4%) (2.3°)
 2000 wide site-cut panel with 100mm step : 1 in 20 (5%) (2.9°)
 1500 wide site-cut panel with 100mm step : 1 in 15 (6.6%) (3.8°)
 1000 wide site-cut panel with 100mm step : 1 in 10 (10%) (5.7°)
 Steeper slopes will require made-to-order extra long posts, manufactured with additional threaded inserts to suit the stepping required between adjoining panels to suit each gradient.

Notes
 The preferred method of installation is : Post - Panel - Post - Panel, etc. Bolts may be installed using a Power-Driver and Power-Bit if preferred. When using hand tools, care must be taken to avoid over tightening of bolts.

Concrete Foundations must not be leaner by mass than 1 part cement to 10 parts 20mm nominal size graded aggregates, and must be thoroughly compacted prior to the initial set.
 All Nylofor 2D Super panels are supplied to site in a standard width of 2500mm. Panels for make-up bays are to be cut to suit on site, and made good using a Zinc Etch Primer paint, followed by a top coat of Cromadex 222 polyurethane repair paint.

Dim : A Panel Height	Clamp Bar Length	Dim : B Length Of Post	Dim : C Size Of Found's	Dim : D Depth Of Found's	No. Bolts Level Ground	No. Bolts Sloping Ground	Corner Panel Fixings
1830mm	1855mm	2500mm	300mm	500mm	5no.	5no.	5no.
2030mm	2055mm	2700mm	300mm	500mm	6no.	6no.	6no.
2430mm	2455mm	3100mm	450mm	500mm	7no.	7no.	7no.

IMPORTANT NOTE : The Foundation sizes indicated are nominal only and may require modification to suit the prevailing ground conditions on site

The Nylofor 2D Super fencing system generally satisfies the requirements for Category : 1 (General Purpose) & Category : 2 (Security) fences as prescribed by B.S. 1722 Part : 14 - Open Mesh Steel Panel Fences

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