

CREST NICHOLSON

**KILNWOOD VALE, CRAWLEY
PHASE 3DEFG – LEISURE PARK**

Proprietary Boundary Treatment Information

10019 [3015-7-LP] SP-5403-C1

CONSTRUCTION

Date: NOV 2024

CLIENT Crest Nicholson

PROJECT Kilnwood Vale, Crawley

REPORT TITLE Proprietary Boundary Treatment Information

DJA Reference: 3015-7-LP-SP-5403

Report Number: T1

Revision: C1

Issue Date: 18/11/2024

REPORT REVISIONS

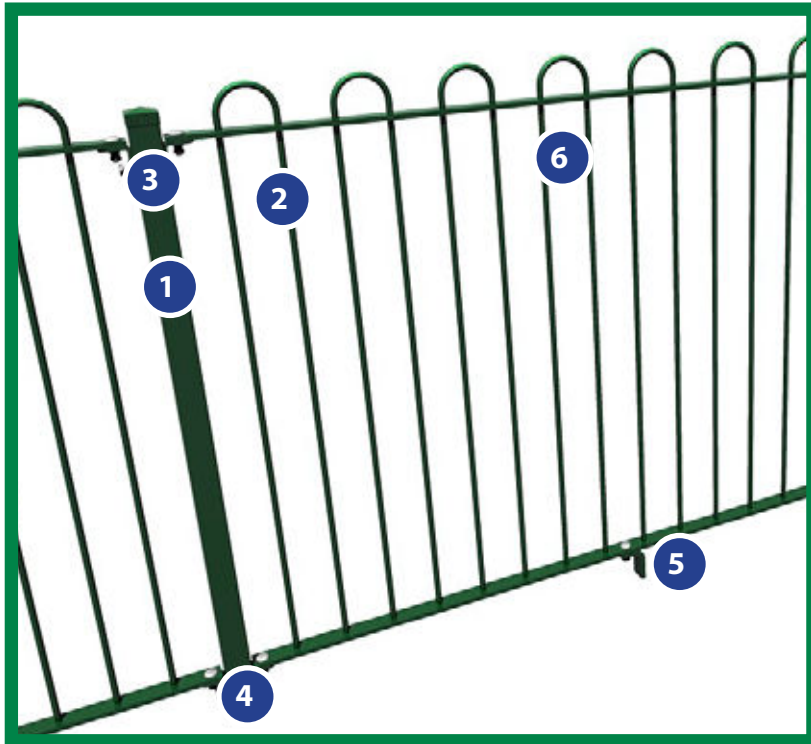
Revision	Date	Description	Prepared	Approved
C1	18/11/2024	First Issue	MS	AC

ITEMS OF SPECIFIC IMPORTANCE TO THE CONTRACTOR RESPONSIBLE FOR THE UNDERTAKING OF GENERAL LANDSCAPE OPERATIONS ON BEHALF OF THE CLIENT UNDER THE TERMS OF THE CONTRACT**MUGA**

- Gates: supply & fit inwards opening gates as DJA drawing DR-5601 [basic adaption of hinge positions from Zaun Fencing Systems standard drawing, 'XG1D830HGNNN100_1.dwg'] to fulfill opening requirements due to MUGA exterior curtilage space limitations.
- Goal Ends: Omit side panels.
- Colour: contractor is to note specific colour requirements.
- Post sockets: posts to be socketed to allow for removal of panels for events purposes, etc.
- Refer: NBS Q40 / C 410A, DJA drawing DR-5601 & relevant parts of this document.

Bowtop Railing

- Colour: contractor is to note specific colour requirements.
- Refer: NBS Q40 / C 430A, & relevant parts of this document.



Conforms
to BS1722:
Part 9

Benefits

- RoSPA compliant making them ideal for Play Areas
- Compliant with BS 1722 Pt. 9
- Security Fixings
- Slotted cleats allow panels to be installed either on the flat or stepped as desired
- Mid panel feet to support the panel to prevent sagging
- Hot Dip Galvanised to BS EN ISO 1461
- Polyester Powder Coated option
- Attractive appearance
- Vandal resistant
- Strong
- Available either bolt down, in ground or on wall
- High visibility

Features

1. Polyester Powder Coated RHS Post
2. 12mm / 16mm Bar Diameter
3. Stepping Cleats
4. Security Fixings
5. Mid panel feet
6. Spacing conforms to RoSPA Guidelines

Zaun's Bow Top Play Fencing is an attractive system that is often used around play areas. Zaun's BowTop Play is manufactured to RoSPA guidelines and BS 1722 part 9 compliant, to make it as safe as possible.

The nature of the Bow Top playground fencing system means that parents have an unhindered view of their children in the play area, and the system itself means that children can play safely. All of the bars and 'bows' are spaced so as to minimise the chance of wrist or neck trap occurring.

The vertical bars are very difficult for children to climb and so help ensure they stay in the play area.

Available in standard panels from stock or bespoke panels can be manufactured.

Available in two heights 1.0m and 1.2m. Each railing is supplied with panels, posts, stepping cleats and security fixings. Supplied hot dip galvanised to BS EN ISO 1461 and optional Polyester Powder Coated.

Matching Bow Top gate or slow closing safety gate also available.



Finish

Hot dip galvanised to ISO1461 & optional polyester powder coated, after stringent cleaning & treatment to give a well adhered coating with a minimum of 60 microns. Available in a full range of RAL colours including marine coating.

Posts & Fixings

The Bowtop Play railing system features a post and stepping cleat configuration, providing a simple and easy method of installation. Supplied with vandal-proof security fixings and installed using either power or hand tools.

Sloping Ground

Panels can be stepped as required on the post. Where gradients exceed 1:16, it is recommended that the stepping cleats are adjusted to suit the gradient as required. Panels can also be sloped to the following gradients, within the tolerance of the post section:

0 to 16mm / 56mm / 56 to 72mm

Variations

Posts are available in different lengths to accommodate panel heights and ground conditions. Additional variations are also available:

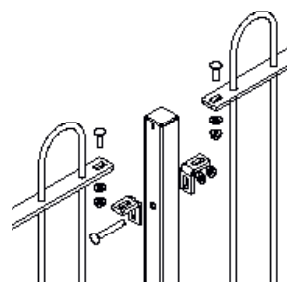
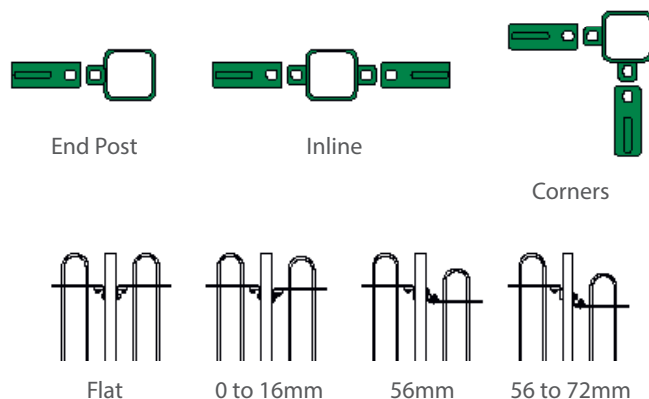
- Wall fixing, cranked posts or base plated
- Bespoke panels can be manufactured to be raked and radiused

Gates

Pedestrian gates are single leaf 1.2m wide, (or width to suit), framed in a 50mm x 50mm RHS with Bowtop Play style panels within the gate frame, with slide latch and slow closer. Gate supplied with 2 x suitable gate posts.

Vehicle access gates are double leaf (single leaf vehicle gates available) 3.0m wide (or width to suit), framed in 50mm x 50mm RHS, with Bowtop Play style panels within the gate frame, with drop bolts and slide latch. Gate supplied with 2 x suitable gate posts.

Note: Slow closing RoSPA compliant playground gates also available



Specification

Height: 1000mm / 1200mm

Note: Additional heights available upon request

Panel Width: 2700mm

Bar Diameter: 12mm / 16mm

Note: Dependant on height

Bar Centres: 101mm

Post Size: 50 x 50mm

Post Centres: 2760mm

Fixings: Anti Tamper Security

Fixings

Applications



Drawings

DWG and PDF drawings available from our website www.zaun.co.uk/drawings



Conforms
to BS1722:
Part 14

Benefits

- 8mm twin horizontal wires & 6mm vertical wire
- Extra wire increases panel strength
- 50mm x 200mm mesh pattern
- Anti tamper fixings for a secure installation
- Galvanised & polyester powder coated panels & posts
- EPDM inserts for noise reduction
- Full length clamp bars for flush playing side of pitches
- Excellent rebound properties

Features

1. Polyester Powder Coated RHS Post
2. Twin Horizontal Wires
3. Full Length Clamp Bar
4. Noise Reducing Inserts
5. Security Fixings

The Duo 8 Sports double wire sports fencing system has been designed and evolved from the Duo8 perimeter fencing system. Perfect for both light or heavy usage courts and pitches with MUGAs (multi use games areas), the Duo 8 Sports fencing system is ideal for use in urban or rural settings.

The Duo 8 Sports fencing system is manufactured from dual horizontal 8mm wires sandwiching single 6mm vertical wires. This produces a 50mm x 200mm mesh pattern that is not only strong and vandal resistant but also offers the best value.

One of the major stumbling blocks during the planning of sports courts is noise that occurs during play. Duo Sports has been developed to overcome the rattle that so many residents object to. The lower 1.2m high impact zones of the sports fencing features fixings every 200mm. This ensures there is minimum movement between the panel and the post. Furthermore, each fixing uses a synthetic EPDM insert to insulate the panel from the post and proven to reduce noise by circa 29%.

Duo 8 Sports is a highly rigid panel system, providing strength to the fence even when under stress from people, balls or sports equipment making it the perfect MUGA Fencing System.

Available in a wide range of RAL colours which can match your organisation, club or team colours.



Finish

Galvanised & polyester powder coated, after stringent cleaning & treatment to give a well adhered coating with a minimum of 60 microns. Available in a full range of RAL colours including marine coating.

Posts & Fixings

The Duo 8 sports double wire mesh fencing system features a post, EPDM rubber inserts and clamp bar configuration, providing a simple and easy method of installation. Supplied with vandal-proof security fixings and installed using either power or hand tools.

Sloping Ground

Panels may be stepped in increments of 30mm as required within the clamp bar system. If the gradient exceeds 1:16 it is recommended that the taller panels are either part buried or additional posts are used.

Variations

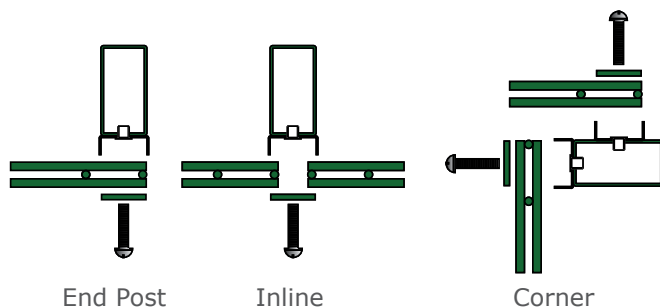
Posts are available in different lengths to accommodate panel heights and ground conditions. Additional variations are also available:

- Wall fixing, cranked posts or base plated
- Cranked panels
- Extended posts for CCTV, lighting or physical security devices

Gates:

Pedestrian gates are single leaf 1.2m wide, (or width to suit), framed in a 50mm x 50mm RHS with Zaun Duo8 mesh welded inside the frame, with slide latch. Gate supplied with rubber bump stop and 2 x suitable gate posts.

Vehicle access gates are double leaf (single leaf vehicle gates available) 3.0m wide (or width to suit), framed in 50mm x 50mm RHS, with Zaun Duo8 mesh welded inside the frame, with drop bolts and slide latch. Gate supplied with rubber bump stop and 2 x suitable gate posts.



Specification

Height: 1008, 2030, 2430, 3030, 4070, 4470, 5070mm

Note: Fence heights above 3m are made using 2 or more panels

Panel Width: 2510mm

Mesh Size: 200mm x 50mm

Wire Diameter: 6mm Verticals
2 x 8mm Horizontals

Top Edge Projection: 22mm

Post Size: 60 x 60 / 80 x 40
100 x 50 / 120 x 60
dependant on height

Clamp Bar Size: 40 x 5mm

Post Centres: 2525mm

Fixing Centres: 200mm to lower 1.2m
400mm above

Fixings: Anti Tamper Security
Fixings

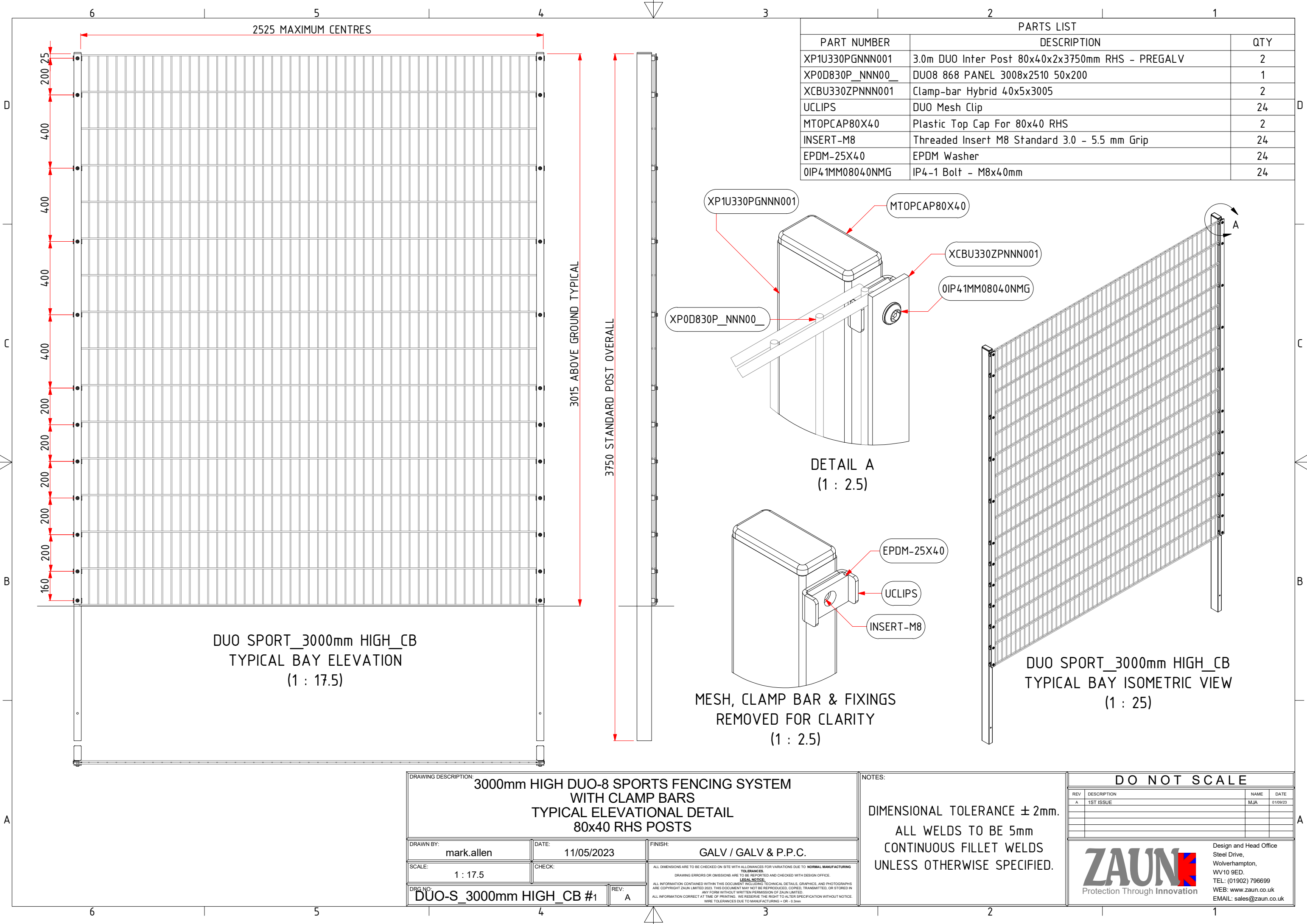
Applications



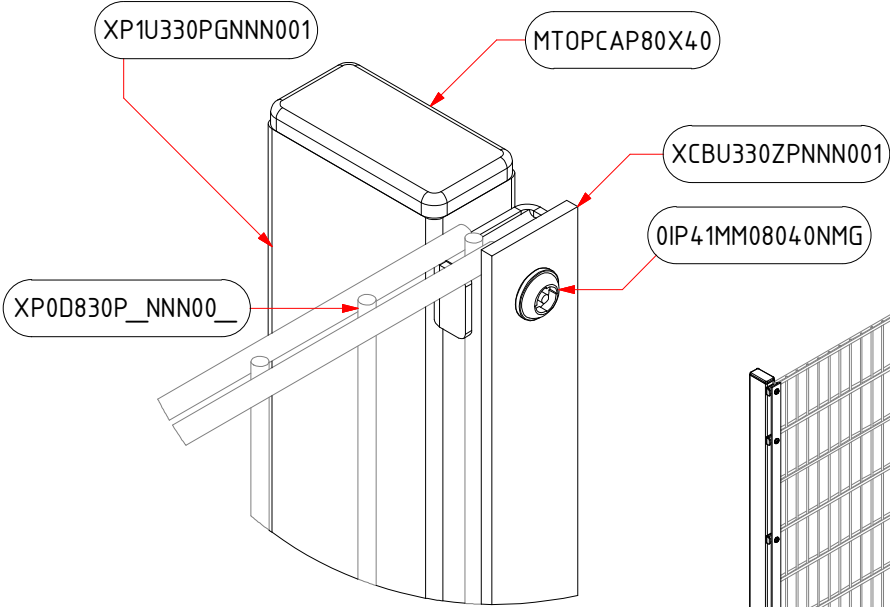
Drawings

DWG and PDF drawings available from our website www.zaun.co.uk/drawings

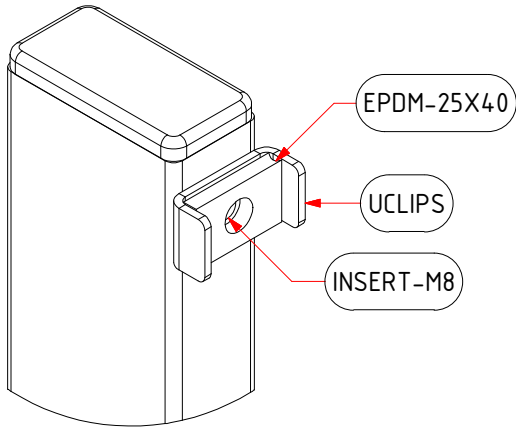
Version 20220817



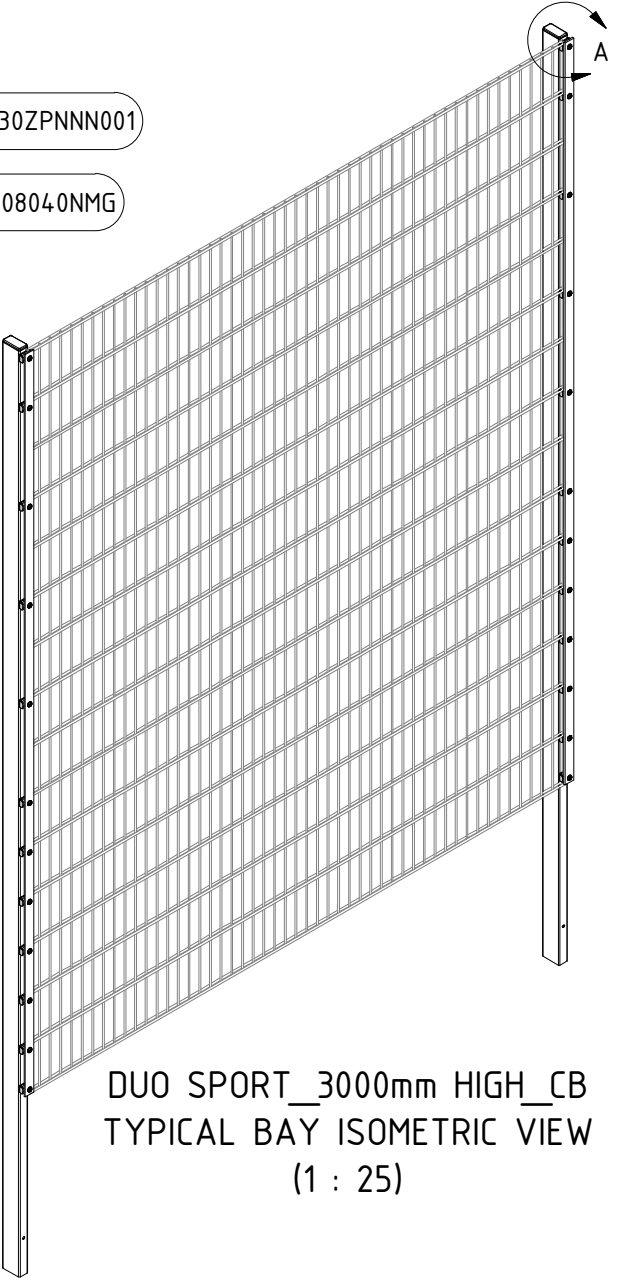
PARTS LIST		
PART NUMBER	DESCRIPTION	QTY
XP1U330PGNNN001	3.0m DUO Inter Post 80x40x2x3750mm RHS - PREGALV	2
XP0D830P__NNN00__	DUO8 868 PANEL 3008x2510 50x200	1
XCBU330ZPNNN001	Clamp-bar Hybrid 40x5x3005	2
UCLIPS	DUO Mesh Clip	24
MTOPCAP80X40	Plastic Top Cap For 80x40 RHS	2
INSERT-M8	Threaded Insert M8 Standard 3.0 - 5.5 mm Grip	24
EPDM-25X40	EPDM Washer	24
OIP41MM08040NMG	IP4-1 Bolt - M8x40mm	24



DETAIL A
(1 : 2.5)



MESH, CLAMP BAR & FIXINGS
REMOVED FOR CLARITY
(1 : 2.5)



DUO SPORT_3000mm HIGH_CB
TYPICAL BAY ISOMETRIC VIEW
(1 : 25)

DRAWING DESCRIPTION: 3000mm HIGH DUO-8 SPORTS FENCING SYSTEM WITH CLAMP BARS TYPICAL ELEVATIONAL DETAIL 80x40 RHS POSTS		
DRAWN BY: mark.allen	DATE: 11/05/2023	FINISH: GALV / GALV & P.P.C.
SCALE: 1 : 17.5	CHECK:	
DRG NO: DUO-S_3000mm HIGH_CB #1	REV: A	

NOTES:

DIMENSIONAL TOLERANCE $\pm 2\text{mm}$.
ALL WELDS TO BE 5mm
CONTINUOUS FILLET WELDS
UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE

REV	DESCRIPTION	NAME	DATE
A	1ST ISSUE	MJA	01/09/23

ZAUN
Protection Through Innovation

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