

FENCE PROFILE
PLAN VIEW

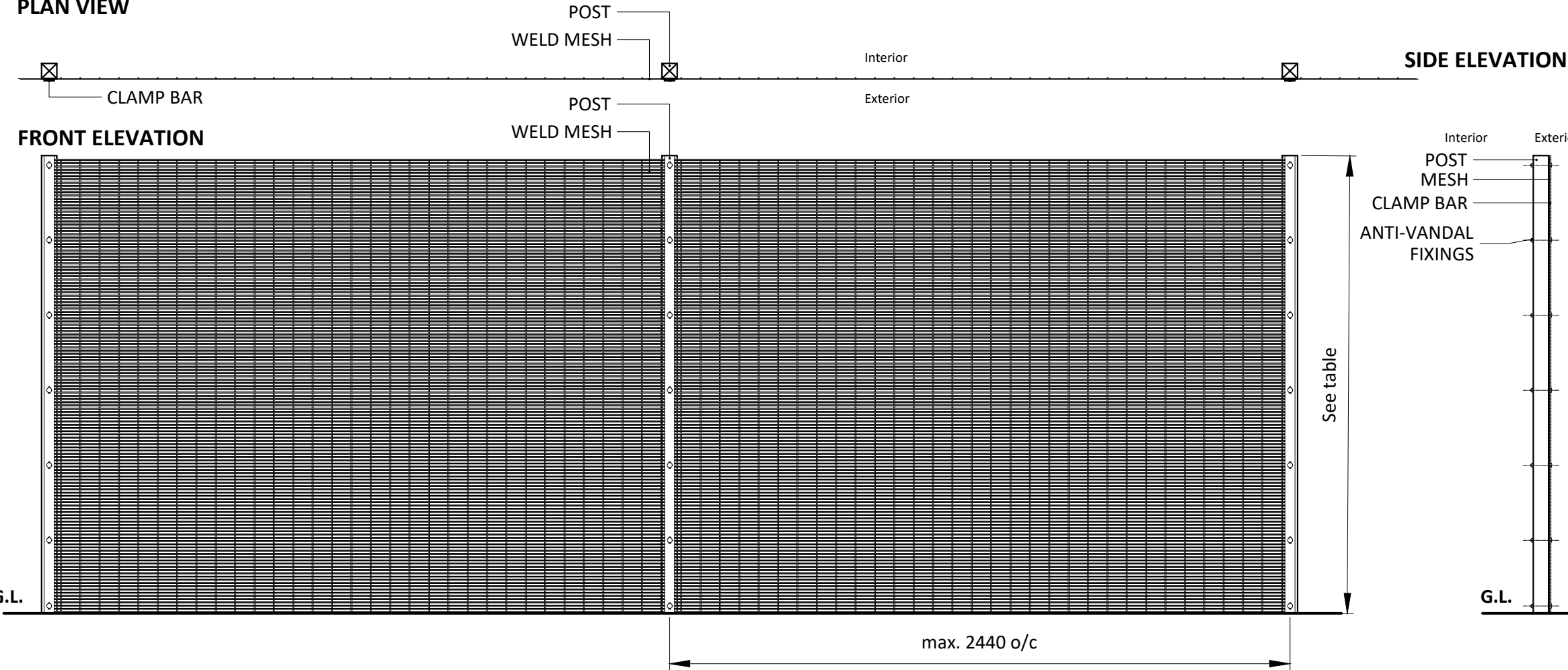
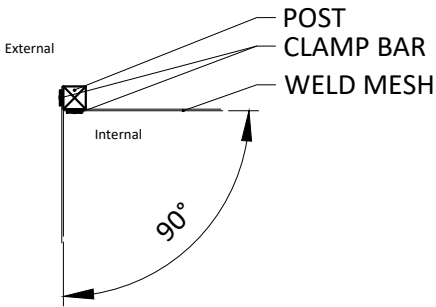
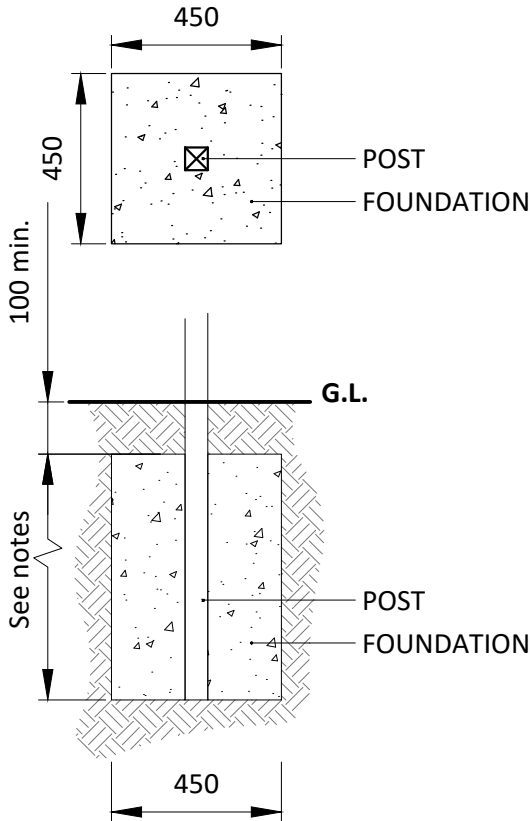


TABLE 1: FENCE SCHEDULE NOTES	
STANDARD:	BS 1722-10 (2006). Specification for anti-intruder fences in chain link & welded mesh.
FENCE TYPE:	Weld mesh.
MANUFACTURER:	Heras / Jacksons
MODEL:	Heras Zenith A1/Jacksons Securi-Mesh
FENCE HEIGHT:	As specified.
TREATMENT:	Hot dip galvanised to BS EN ISO 1461. Polyester powder coating according to BS EN 13438
FINISH:	Etching primer + polyester powder coated BS12C39 Orchard / RAL 120 40 30 (to include rails, posts, post caps & clips).
FENCE POST:	
POST CENTRES:	2440mm O/C, all posts to be capped & sealed.
POST HOLE DIMENSIONS:	450x450mm; depth: as determined by specified height - refer to Table 2.
FOUNDATION PROFILE:	450x450x650mm (min.) concrete foundation & 100mm (min.) topsoil cover.
CONCRETE SPEC:	At least one part cement to 10 parts 20 mm all-in ballast to BS EN 12620:2002 mixed with the minimum requisite quantity of clean water, or grade C8/10 or ST2 concrete to BS 8500 parts 1 and 2. Source: BS 1722-10 (2006) Clause 7.
WELD MESH:	
WIRE DIAMETER:	4mm
MESH PROFILE:	76.2x12.7mm
PANEL WIDTH:	2515mm
ANCILLARY ITEMS:	
FITTINGS:	Anti-intruder. M8 cup sq. bolt w/t shear cone nut or equal & approved.
GATES:	To match.

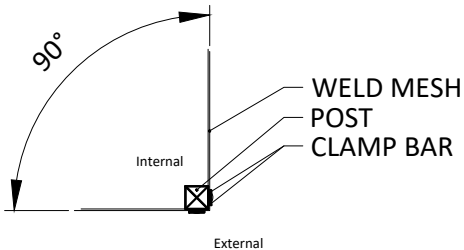
SETTING OUT 90° INTERNAL RETURNS
PLAN VIEW



CONCRETE FOUNDATIONS
PLAN VIEW



SETTING OUT 90° EXTERNAL RETURNS
PLAN VIEW



GENERAL NOTES

- * RECOGNISE THAT EMBEDMENT IS DEPENDENT ON GROUND CONDITIONS (750mm AS STATED WITHIN BS 1772-10, SECTION 8 & 10) AND THEREIN:
 - **SEEK SPECIALIST ADVICE WITH RESPECT TO FENCING ≥ 2.4m, ANY DEVIATION ≤ 2.4m, ALTERNATE FIXING METHODS (CRANKED SIDES, BASEPLATES, ETC.).
- 1.THE FENCING CONTRACTOR SHALL:
- VERIFY ALL DIMENSIONS ONSITE BEFORE PURCHASE.
 - INSTALL ALL ITEMS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS & INFORMATION CONTAINED WITHIN THIS DRAWING (WITH THE NECESSARY ADJUSTMENT AS REQUIRED) SO THAT IT IS TRUE TO LINE, FORM AND LEVEL AND PROVIDES THE CORRECT MEANS OF OPERATION.
 - ENSURE NO SHARP EDGES OR FINGER TRAPS REMAIN UPON SATISFACTORY COMPLETION OF THE WORKS.

TABLE 2: FENCE POST SPECIFICATION

FENCE HEIGHT:	PURPOSE:	POST TYPE:	POST DIMENSIONS (mm):	MINIMUM EMBEDMENT (mm):	POST FIXINGS:	HERAS MODEL No.
1.8m	GS	SHS	60x60	750	40x5mm, Flatbar holed at 295mm O/C	HZGS18
2.0m	GS	SHS	60x60	750	40x5mm, Flatbar holed at 280mm O/C	HZGS20
2.4m	GS	SHS	60x60	750	40x5mm, Flatbar holed at 295mm O/C	HZGS24
3.0m	HS	RHS	80x40	**	40x5mm, Flatbar holed at 295mm O/C	HZHS30
4.2m	HS	RHS	80x80	**	40x5mm, Flatbar holed at 295mm O/C	HZHS42
5.0m	HS	RHS	100x100	**	40x5mm, Flatbar holed at 300mm O/C	HZHS50

Purpose: GS = General Security; HS = High Security
Post Type: SHS = Square Hollow Section; RHS = Rectangular Hollow Section

Drawing Revision				
Rev.	Date	Description	Dm	Ckd
P5	08/09/2023	Amended following Client comments.	GR	PG
P4	11/08/2023	Amended following Client comments.	GR	PG
P3	30/05/2023	Amended following Client comments.	PG	PG
P2	17/03/2023	Amended following Client comments.	GR	PG
P1	09/11/2022	First issue.	MS	PG

DAVID JARVIS ASSOCIATES

DAVID JARVIS ASSOCIATES LIMITED
1 Tennyson Street Swindon Wiltshire SN1 5DT
t: 01793 612173
e: mail@davidjarvis.biz
w: www.davidjarvis.biz

Client
LEGAL & GENERAL (STRATEGIC LAND NORTH HORSHAM) LIMITED.

Project
LAND NORTH OF HORSHAM

Drawing Title
ANTI-CLIMB FENCE

Scale	Sheet Size	Date
1:20	A3	08/09/2023
Client Ref.	Drawing Ref.	Drawing No.
BND	2898-5-5-BND	0001
Status	S5-P5	