Proposed Fencing Layout
1:250

To be read in conjunction with following BBA landscape drawings - latest revisions
1003-Proposed Landscape General Arrangement
1004-Proposed Hard works layout
1005 Proposed Softworks layout
1006 Proposed Fencing layout
1008 Setting out Plan -Bollards
1009 Setting Out Plan - External Areas
7001 Hard works details
7002 Soft works details
0001-Landscape Maintenance and Management Plan
0002-Softworks Specifications
0010-Landscape Material Schedule
0002-Softworks Specifications

G1- Pedestrian Gates UHS Extreme Mesh SR3
Height Overall to line through with fence to maintain perimeter security - over panel may be required

F1- Secure Fence line mesh
Refer label on GA 6BKD2-BBA-30-ZZ-DR-L-1003

Fencing Requirements
Mesh
Securifor 358 Double Skin. Design to meet or exceed BS 1722 Part 14
All mesh to be CCTV friendly
Open mesh steel panel security fencing and pedestrian gates to achieve LPS 1175 SR3 rating

Posts
Set with minimum 1/3rd planted root or greater where necessary to achieve adequate support set in mass concrete not less than GEN1 or ST2 in accordance with BS 8500-1
Fence to be side fixed/bolted on to proposed concrete retaining wall (where denoted) to structural engineer's specification and manufacturer's details.
Foundation to engineer's design and manufacturer's recommendation

Finish
All components galvanised to BS EN 1461 with PPC RAL finish to BS 6496. RAL 9005 Black.
Stainless steel fixings are to be powder coated the same colour as the fence.

Pedestrian Gate Requirements
Design Criteria
Manual and Automated as design dictates
Effective clear gate opening width of primary leaf minimum 1000mm in accordance with the Building Regulations Part M 2.13b Table 2
Lock and controls suitably shrouded/protected to prevent fishing or hand operation of internal lever handle set
Apertures and surrounding construction gaps set so a 100mmø sphere cannot pass in accordance with Building regulations Part K 3.3

Construction
Steel construction to replicate fence style within the permitted tolerances of the manufacturers test criteria for components used in the manufacture

Locking
Heavy duty surface mounted high security single or multi point auto deadlocking lock with electromechanical locking and FAIL SECURE operation with SATE lever handle set internally (green), externally with lever handle set and keyed operation with Scandinavian Oval Cylinder in cylinder guard to provide mechanical override of access control system (lock to be fitted with outputs to remotely monitor lock and bolt status)
Where powered opening required - motorised lock to be fitted and interfaced to access control system together with opening/closing device
with tested and approved locks from
Surelock McGill Ltd
Tindall Engineering Ltd
or similar approved

Drive
Powered operation for DDA use where design dictates with 100% duty cycle capable of continuous use with hydraulic operation for opening and closing
Hydraulic operation for normal use with external quality closer

Controls
Omni-directional opening capable of interface with access control system with manual override
Fail SECURE on entry
Fail SAFE on exit at ALL times
OPEN PROTOCOL access to programming and end user interface for adjustment and full operation of the system by the client on completion - including any specialist soft or hardware as necessary

Automation Safety
Carry out a suitable and sufficient risk assessment
Designed to meet or exceed the requirements of BS EN 13241-1 and BS EN 16005 together with the relevant sections of BS 7036
Photo beam detection system
Safety edges to all leading edges and entrapment points

Finish
All components galvanised to BS EN 1461 with PPC RAL finish to BS 6496

Key plan

North
N

KEY
0 1 2 3 4 5 6 7 8 9 10

Site Boundary
Existing Trees
Existing Trees Removed

G1 **Pedestrian Gate - LPS 1175 SR3**
Please refer to material schedule for more detail 6BKD2-BBA-30-ZZ-SP-L-0010-Landscape Material Schedule

G2 **PAS 68 Rising Arm Barrier With Traffic Lights**
Please refer to Engineer's specification and detail.

F1 **Fencing mesh - 3m high LPS 1175 SR3**
Please refer to material schedule for more detail 6BKD2-BBA-30-ZZ-SP-L-0010-Landscape Material Schedule

B1 **PAS 68 HVM Crash tested Static Bollard**
Please refer to Engineer's specification and detail

B2 **Drop Down Bollards**
Please refer to Engineer's specification and detail

TF **Bespoke Timber Bin storage**
Please refer to manufacture's specification and detail

Notes

The fence and gate requirements have been taken from the Employer's Requirements Issue 22

Refer to MEP drawings/specification for electronic access control.

ALL security ratings and products subject to ALO and CTSA "signed off" approval

All dimensions of gate widths & fence heights to be confirmed via site measure with specialist manufacturer to Client's approval prior to manufacture.

Key

Proposed boundary wall faced with stone to both faces. Wall to have capping stone.

Existing outbuilding gable wall. Existing boundary wall reduced in height.
Refer to 6BKD2-BBA-33-ZZ-D-A-0003 Party Wall Sketch for further details

Proposed Precast Concrete Retaining Wall. Extent of precast retaining wall taken from BWB drawing 6BKD2-BWB-35-ZZ-D-S-6020

Proposed insitu concrete wall with stone facing. 1770mm high

Proposed insitu concrete wall with stone facing. 690mm high

Proposed insitu concrete retaining wall

Fencing mesh - 3m high LPS 1175 SR3

Pedestrian gate

Rev	Description	Drawn	Checked	Date
C07	Minor updates to the key	AD	AD	12/12/25
C06	Planting to north & west elevation chng	TC	AD	05/12/25
C05	Retaining wall to south-east corner amended to suit BWB drawings. Fence line updated around site perimeter.	AD	AD	14/10/25
C04	Minor amendments	AD	AD	19/09/25
C03	Drawing amended to suit planners comments dated 19/08/2025	JCC	AD	26/08/25

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6BKD2

Proposed Fencing Layout

Originator project ref
22148
Purpose of Issue
For Construction
Scale(s)
1:250
Paper size
A1

project originator volume level type role number
6BKD2 - BBA - 30 - ZZ - D - L - 1006
revision
C07

Native model: 22148-Site