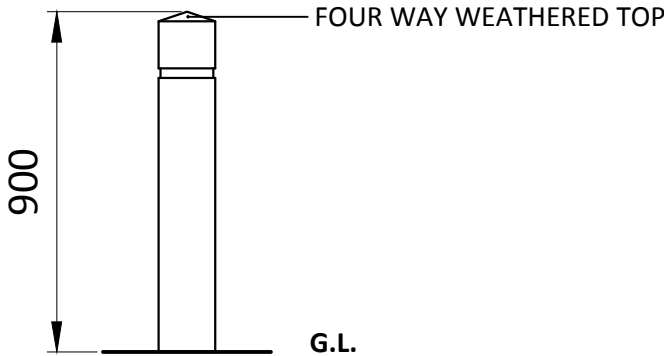


FIXED BOLLARD PROFILE

PLAN VIEW

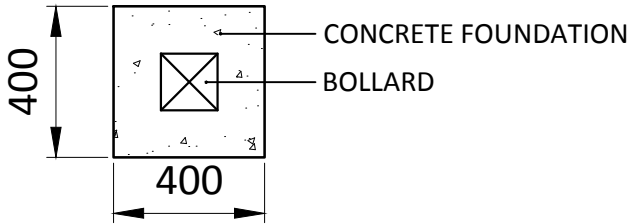


FRONT / SIDE ELEVATION

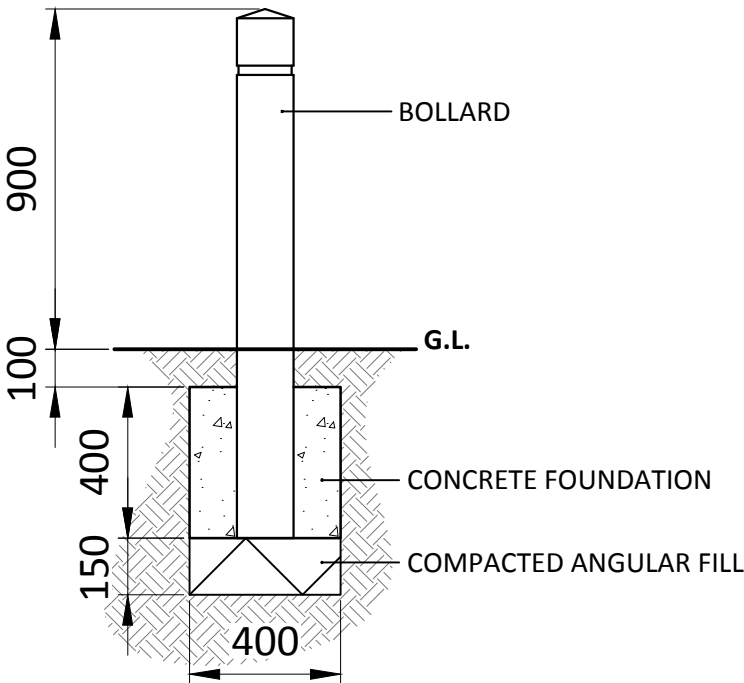


METHOD OF FIXING

PLAN VIEW

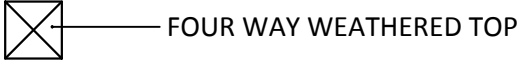


FRONT / SIDE ELEVATION

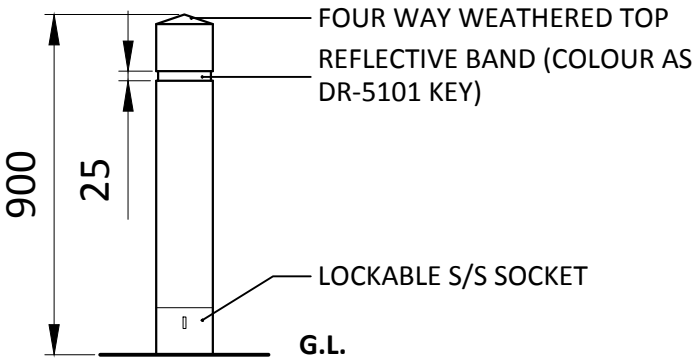


REMOVABLE BOLLARD PROFILE

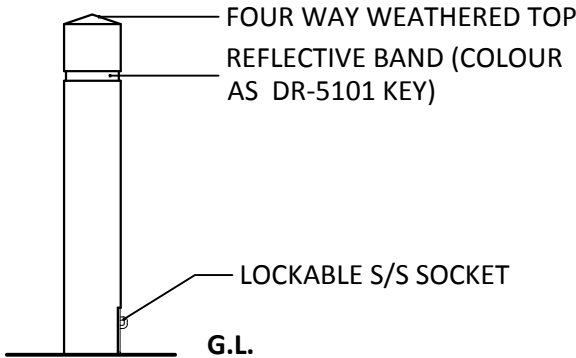
PLAN VIEW



FRONT ELEVATION

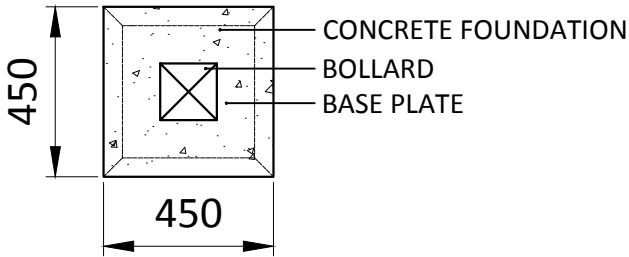


SIDE ELEVATION

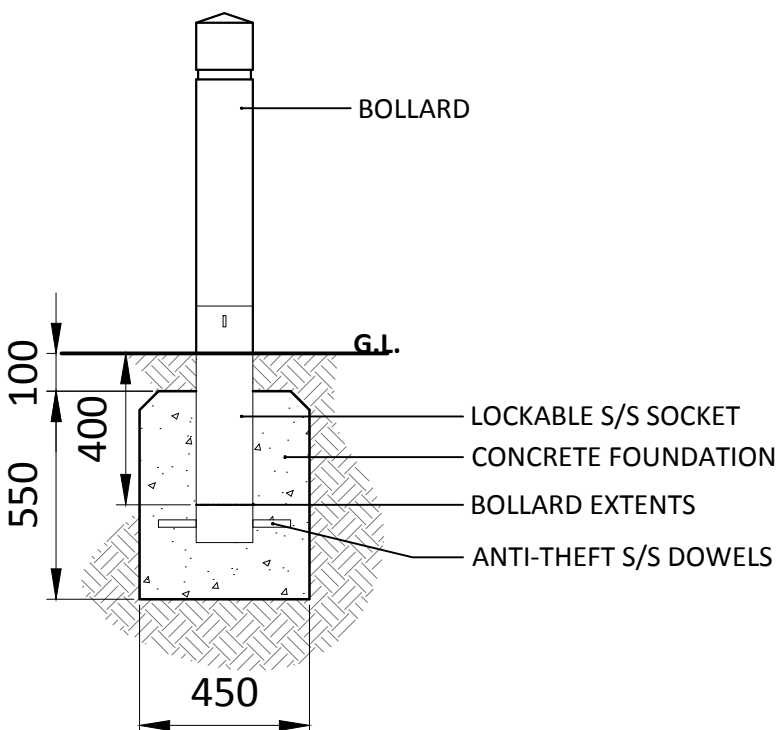


METHOD OF FIXING

PLAN VIEW



SIDE ELEVATION



TIMBER BOLLARD NOTES

TIMBER BOLLARDS: FSC certified, naturally very durable hardwood. Piquia.
SUPPLIER: As specified on plan.
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. The concrete shall be placed in position before commencement of the initial set.

FIXED BOLLARD SPECIFICATION:

UNIT TYPE: Square post.
UNIT DIMENSIONS: As specified on plan.
HEIGHT ABOVE GROUND: 900mm.
OVERALL LENGTH: 1400mm (nom).
SPECIAL FEATURES: As specified on plan.
METHOD OF FIXING: Root Fixed.
FOUNDATION PROFILE: 400x400x400mm Concrete foundation.
EXCAVATION PROFILE: 400x400x650mm.

REMOVABLE BOLLARD SPECIFICATION:

UNIT TYPE: Square post.
UNIT DIMENSIONS: As specified on plan.
HEIGHT ABOVE GROUND: 900mm.
OVERALL LENGTH: 1400mm (nom).
SPECIAL FEATURES: As specified on plan.
METHOD OF FIXING: manufacturer's lockable S/S Socket.
FOUNDATION PROFILE: 450x450x550mm Concrete foundation.
SOCKET TO FOUNDATION: S/S pegs to secure (shown on supplier's information).

Notes:
Related Drawings: This is a composite drawing based on information received from other consultants. DSA drawing information is based on information received from:
• INDICATIVE MASTERPLAN: Roadway Masterplan
• INDICATIVE GENERAL HOUSING ARRANGEMENTS: GHP
• POND & SUDS BASIN & ASSOCIATED INFRASTRUCTURE: Campbell Bath (Engineering)
• SITE TOPOGRAPHY (EXISTING): CD Survey, n/v from Alan Oakwell, 16/03/2023.
Issue: Drawn by David Jarvis Associates Limited (CROWN COPYRIGHT). ALL RIGHTS RESERVED 2022 LICENCE NUMBER 0300031. This drawing is for planning purposes only - do not use this drawing for construction. The information contained in this drawing should be used as a guide to the final form and finish of the landscape scheme. Any revision to be approved by the Client and Local Authority.
Scaling: Do not scale this drawing. Use given dimensions only.
Setting out: Refer to Engineers for information regarding setting out. In the event of discrepancy refer to Engineers in the first instance.
Survey: Original survey provided by the Client.
Services: Where possible these are identified on the drawings but, for the avoidance of doubt all service/utility locations should be considered indicative until identified on site. To ensure these services / utilities shown are correct refer to the original survey provider or utilities designer or Client for confirmation and further information regarding easements. In the event of new services being installed refer to the appointed Engineer. It is recommended that hazard warning tape / danger electric cable / danger service to be installed over all service routes (be return on site) to current BS guidelines (BS7671).
Construction Information: All detailed design (including, but not necessarily limited to, bond patterns, kerbing, edging, tactile crossing, demarcation, construction build up, joints, drainage etc.) to be provided by an appropriately qualified structural/highways/ civil engineer to be appointed by the client for presentation to (and subsequent discharge from) the relevant supervising authority and/or body.
Vegetation: Refer to lighting engineers drawings.
Planting: Plant species are selected and located in line with consideration of the site conditions, NIMC guidelines and discussions with the Local Authority and design team. All plants and planting procedures to conform to the David Jarvis Associates Limited Landscape Specification that will accompany the Construction Issue drawings. No species or plant location is to be varied without prior consent of the Landscape Architect.
Tree Root Protection Measures: supply & install permeable root barriers (Terram RootGuard, or equal & approved) to a min. depth of 600mm below ground. Installation to per manufacturer's instruction. Finished level: top of barrier to be 20mm above G.L. Zone of Deployment: protection of root / surface / surface long within a min. 1m radius of the proposed tree. To be increased to 3000mm depth where services / utilities require this - to be determined at Construction.
Contaminated Land: Developer / Contractor to ensure that all foundations (buildings and external walls) are designed and constructed to sit on stable ground, at the time of maturity, any existing or proposed trees, hedges or other vegetation on the application site or existing vegetation or land adjoining the site at the time of construction and any trees killed or hedgerows removed on or adjacent to the site during the previous 15 years. For this purpose the developer / contractor will submit all relevant details to the authority dealing with the Building Regulations Certificate.
Design Levels: Refer to Engineers where design levels are not shown.
CDM: Drawings to be read in conjunction with Designers risk assessment. Potential risks above that of those associated with the general construction typical to the drawing are identified below;

Drawing Revision				
Rev.	Date	Description	Dm	Ckd
P1	13/09/2023	First Issue	MS	AC

Status

PLANNING

DAVID JARVIS ASSOCIATES

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

Client

CREST NICHOLSON

Project

**KILNWOOD VALE, CRAWLEY
PHASE 3 - DEFG**

Drawing Title

GENERAL TIMBER BOLLARD DETAILS

Scale	Sheet Size	Date
1:20	A3	SEPT 2023
Client Ref.	Drawing Ref.	Drawing No.
3DEFG-DA	3015-4-5-1	DR-5602
		Status
		S4-P1