Arboricultural Impacts: Summary

(For details, see below)

Impact	No. of Trees
Trees to be removed	23
Groups of trees to be removed	4
Groups of trees or hedgerows to be partially removed	5
Off-site trees that may need to be removed	3
Trees where demolition is required within RPAs	1
Trees where manual excavation needed within RPAs	0
Trees where above soil surfacing needed within RPAs	3
Trees where boundary fence needed within RPAs	14
Trees with proposed underground services within RPAs	0

Trees to be Removed

(Category 'A' or 'B' specimens)

No	Species	Category
780	English oak	B (12)
883	Monterey cypress	B (2)

Total numbers of trees to be removed

Category	No. of trees	Category	No. of trees
A	0	B	2
C	16+4G	U	5

Trees that require above soil surfacing within RPAs

No.	Species	Type of structure
149	English oak	Proposed footpath
150	English oak	Proposed footpath
151	English oak	Proposed footpath

Trees that require supervision within RPAs

No.	Species	Type of structure
69	Corsican pine	Proposed close board fence
70	Norway maple	Proposed close board fence
71	English oak	Proposed close board fence
72	Turkey oak	Proposed close board fence
73	Scots pine	Proposed close board fence
74	Monterey pine	Proposed close board fence
75	Ash	Proposed close board fence
76	Field maple	Proposed close board fence
193	Ash	Proposed close board fence
196	Ash	Proposed close board fence
197	Ash	Proposed close board fence
198	Ash	Proposed close board fence
200	Ash	Proposed close board fence
889	Horse chestnut	Proposed close board fence

SJA W1 Tree Preservation Order (TPO 850).

Ancient and semi natural woodland

Priority Habitat Inventory - Deciduous Woodland (England) BAP

SJA Ancient woodland 15m wide buffer zone

15m

SJA Root Protection Areas

SJA Proposed hard surfacing to be installed above existing soil level following completion of main construction works; see inset panel

SJA Trees to be removed

SJA Shape of Root Protection Area modified to reflect restriction to root growth.

SJA Protective fencing as per BS5837; see inset panel

SJA Excavation for uprights for proposed fence to be undertaken manually under arboricultural supervision; see inset panel.

Marringdean Road

Pumping Station

Sub Station

Play Area

AREA OF NEW WOODLAND

N

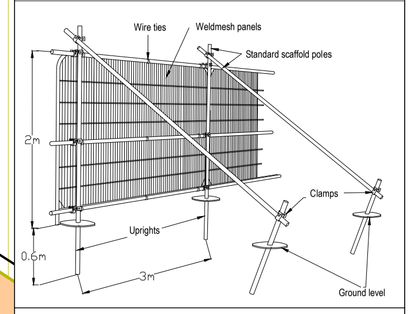
0 10m 20m 30m 40m 50m

METRES

1 : 500 @A1

Protective Fencing

To be erected prior to the commencement of all works on site, and retained in place throughout construction. To comprise either 2.4m wooden site hoarding; or a 2m high scaffolding framework, with uprights at maximum 3m spacings, every other one braced to the ground with 45 degree struts; supporting standard anti-climb 'Heras' welded mesh fence panels secured with anti-lift devices to concrete or plastic bases pinned to the ground by scaffold uprights sunk to a minimum depth of 600mm; individual panels fixed to each other with at least 2 clamps and to scaffolding with heavy-duty cable ties. "TREE PROTECTION ZONE - KEEP OUT" or similar notices to be attached to every fifth panel.



TREE PROTECTION FENCING as shown in BS 5837: 2012, Section 6.2.2 & Figure 2.

Above Soil Surfacing

Proposed hard surfacing within root protection areas (RPAs) of retained trees to be constructed in accordance with section 7.4 of BS 5837: 2012, Trees in relation to design, demolition and construction - Recommendations. Other than the careful removal, using hand tools, of any turf layer, surfaces will be installed above existing soil level, so that the soil is not disturbed and no roots are severed, and an appropriate ground covering, possibly using a geogrid, a geoweb, or a combination of the two will be placed beneath the sub-base to minimise compaction of the soil in which tree roots are growing. Edge supports will also be installed above existing soil level. Areas where this methodology are denoted are to be constructed following the completion of main construction works.

Close board fence

Digging for fence posts shall be done by hand. Any roots of 25mm diameter and above that are encountered shall not be cut: if such sized roots are found the position of the proposed post will be re-located. Any smaller roots shall be cut cleanly. All roots exposed should be backfilled with sharp sand on the same day they are uncovered.
Where the proposed fence route conflicts with trunks, the fence shall kink into site to avoid contact and then re-align with the boundary once beyond the tree trunks.

Arboricultural Supervision

The arboricultural consultant will directly supervise all construction works that have to be undertaken within root protection areas. These include:
1. Location of protective fencing and ground protection.
2. Construction of above soil surfacing.

SJA trees ARBORICULTURAL PLANNING CONSULTANTS

Project:	Marringdean Road, Billingshurst
Client:	Wates Developments
Drawing:	TREE PROTECTION PLAN
Drawing no:	SJA TPP 23550-041b
Based on:	Layout 21087-RFT-00-00-DR-A-0120_S3_P27
Drawn by: WFH/KLN	Date of Issue: June 2024 — Scale: 1: 500 @ A1
Checked by: FPS	Tel:(01737) 813058 — sja@sjatrees.co.uk

Tree nos.: ● 153 — Category 'U' trees: ● [881] — Canopies of trees to be retained:
Category 'A' RPA: — Category 'B' RPA: — Category 'C' RPA:
Trees to be removed: 777 — Protective fencing: — Supervised demolition:
Above soil surfacing: — Indicative pruning line: — Ancient woodland buffer:

For further information refer to the SJAtrees Tree Survey Schedule
Do not scale from this drawing; please check all dimensions on site, and notify us of any discrepancies. SJAtrees (the trading name of Simon Jones Associates Ltd.) cannot be held responsible for inaccuracies in the topographical plan on which this drawing is based.

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