

PROPOSED TREE TOTAL CANOPY COVERAGE RATIONALE

(Refer to BCA 2246-21-03D for proposed tree species)

THE HILLIER DESIGNERS GUIDE

Note: Canopy spread as shown is after 25 years

PROPOSED TREE SPECIES	QTY. x	CANOPY SPREAD/ AREA =	TOTAL CANOPY COVERAGE
Alnus glutinosa	3	8/51m ²	153m ²
Betula utilis 'Jermyns'	5	6/29m ²	145m ²
Platanus x hispanica	4	12/114m ²	456m ²
Pyrus calleryana 'Chanticleer'	3	6/29m ²	87m ²
TOTAL	15		841m²



EXISTING SOFT LANDSCAPE

URBAN GREENING FACTORS

Surface Cover Type

Areas (x) Factor (=) Factored Area

	SEMI-NATURAL VEGETATION (e.g. trees, woodland, species rich grassland) maintained or established on site) EXISTING VEGETATION RETAINED ON SITE Note: Trees and other existing vegetation areas are an approximate given by tree consultant BB Trees Ltd	509m ²	1.0	509
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PROPOSED SOFT LANDSCAPE

URBAN GREENING FACTORS

Surface Cover Type

Areas (x) Factor (=) Factored Area

	STANDARD TREES PLANTED IN INDIVIDUAL PITS WITH LESS THAN 25 CUBIC METRES SOIL VOLUME Note: Calculations based on an overall average of the mature canopy spreads for each tree species as described on plant database pfaf.org	841m ²	0.6	504.6
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	SEMI-NATURAL VEGETATION WOODLAND EDGE MIX PLANTING	214m ²	1.0	214
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	SHRUB PLANTING TRANSITIONAL AND GROUNDCOVER SHRUBS	400.5m ²	0.5	200.3
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	HEDGES (LINE OF MATURE SHRUBS ONE OR TWO SHRUBS WIDE) CLIPPED INDIGENOUS HEDGEROW Note: Hedgerows as shown are 2m high by 1m wide	412m ²	0.6	247.2
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	SEMI-NATURAL VEGETATION SPECIES RICH GRASSLAND	803m ²	1.0	803
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Weighted Area	2478.1
Overall Site Area	28866m ²
URBAN GREEN FACTOR SCORE =	0.085

SCALE 1:500 0 12.5 25 37.5 50m
SCALE 1:1 0 10 20 30 40 50 60 70 80 90 100mm

C	UGF re-calculated to suit revised site layout & landscaping	HC	GH	24/11/22
B	Client logo updated	JL	JL	10/05/22
A	Amendments to landscape following new site boundary	MH	GH	18/03/22
REV	DESCRIPTION	BY	CKD	DATE

BCA **BARRY CHINN**
associates
Landscape Architects

CLIENT
OXW Hayes Sarl
PROJECT
HAYES BRIDGE RETAIL PARK
DRAWING TITLE
URBAN GREENING FACTOR
CONTRACT NUMBER: 2246-21 DATE: 15/03/2022
DRAWING STATUS: PLANNING CAD REFERENCE: 2246-21-05
DRAWN BY: MH CHECKED BY: GH
SCALE: 1:500 ORIGINAL SHEET: A1
PROJECT ORIGINATOR VOLUME LEVEL TYPE ROLE NUMBER STATUS REV
HAY BCA ELS XX DR L 2246-21-05 S5 C