

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		841m ²



EXISTING SOFT LANDSCAPE

Surface Cover Type

URBAN GREENING FACTORS

Areas (x) Factor (=) Factored Area

	SEMI-NATURAL VEGETATION (e.g. trees, woodland, species rich grassland) maintained or established on site <i>EXISTING VEGETATION RETAINED ON SITE</i> <i>Note: Trees and other existing vegetation areas are an approximate given by tree consultant BB Trees Ltd</i>	509m ²	1.0	509
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 <i>Note: Calculations based on an overall average of the mature canopy spreads for each tree species as described on plant database pfaf.org</i>	841m ²	0.6	504.6
	SEMI-NATURAL VEGETATION WOODLAND EDGE MIX PLANTING	214m ²	1.0	214
	SHRUB PLANTING TRANSITIONAL AND GROUND COVER SHRUBS	400.5m ²	0.5	200.3
	HEDGES (LINE OF MATURE SHRUBS ONE OR TWO SHRUBS WIDE) CLIPPED INDIGENOUS HEDGEROW <i>Note: Hedgerows as shown are 2m high by 1m wide</i>	412m ²	0.6	247.2
	SEMI-NATURAL VEGETATION SPECIES RICH GRASSLAND	803m ²	1.0	803
		Weighted Area +	2478.1	
		Overall Site Area	28866m ²	
URBAN GREEN FACTOR SCORE =			0.085	

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



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
HAY	BCA	ELS	XX	DR
L	2246-21-05	S5	C	

