

PROPOSED TREE TOTAL CANOPY COVERAGE RATIONALE

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

THE HILLIER DESIGNERS GUIDE

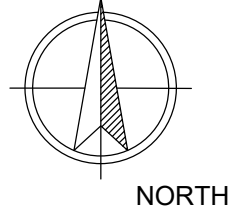
Note: Canopy spread as shown is after 25 years

* average canopy size taken from plant database pfaf.org

PROPOSED TREE SPECIES	QTY. x	CANOPY SPREAD/ AREA =	TOTAL CANOPY COVERAGE
Pyrus calleryana 'Chanticleer'	3	15m/177m ²	531m ²
Salix caprea	3	8m/50m ²	150m ²
Alnus glutinosa	3	10m/79m ²	237m ²
Populus canescens	3	15m/177m ²	531m ²
TOTAL	12		1449m ²



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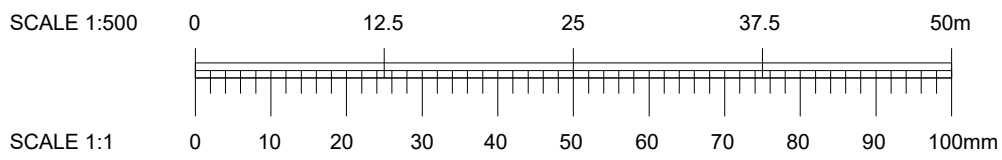
EXISTING SOFT LANDSCAPE

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 EXISTING VEGETATION RETAINED ON SITE Note: Trees and other existing vegetation areas are an approximate given by tree consultant BB Trees Ltd	606.7m ²	1.0	606.7
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 EXTRA HEAVY STANDARD TREES (6no.) Note: Calculations based on an overall average of the mature canopy spreads for each tree species as described on plant database pfaf.org	681m ²	0.6	408.6
	STANDARD TREES PLANTED IN INDIVIDUAL PITS WITH LESS THAN 25 CUBIC METRES SOIL VOLUME HEAVY STANDARD TREES (6no.) Note: Calculations based on an overall average of the mature canopy spreads for each tree species as described on plant database pfaf.org	768m ²	0.6	460.8
	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 Note: Hedgerows as shown are 2m high by 1m wide	191.3m ²	0.6	114.8
	SEMI-NATURAL VEGETATION SPECIES RICH GRASSLAND	516.8m ²	1.0	516.8
Weighted Area				2522
Overall Site Area				28866m ²
URBAN GREEN FACTOR SCORE =				0.087



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	NUMBER	STATUS	REV	
HAY	BCA	ELS	XX	DR	L	2246-21-05	S5	B	