

PROPOSED TREE TOTAL CANOPY COVERAGE RATIONALE

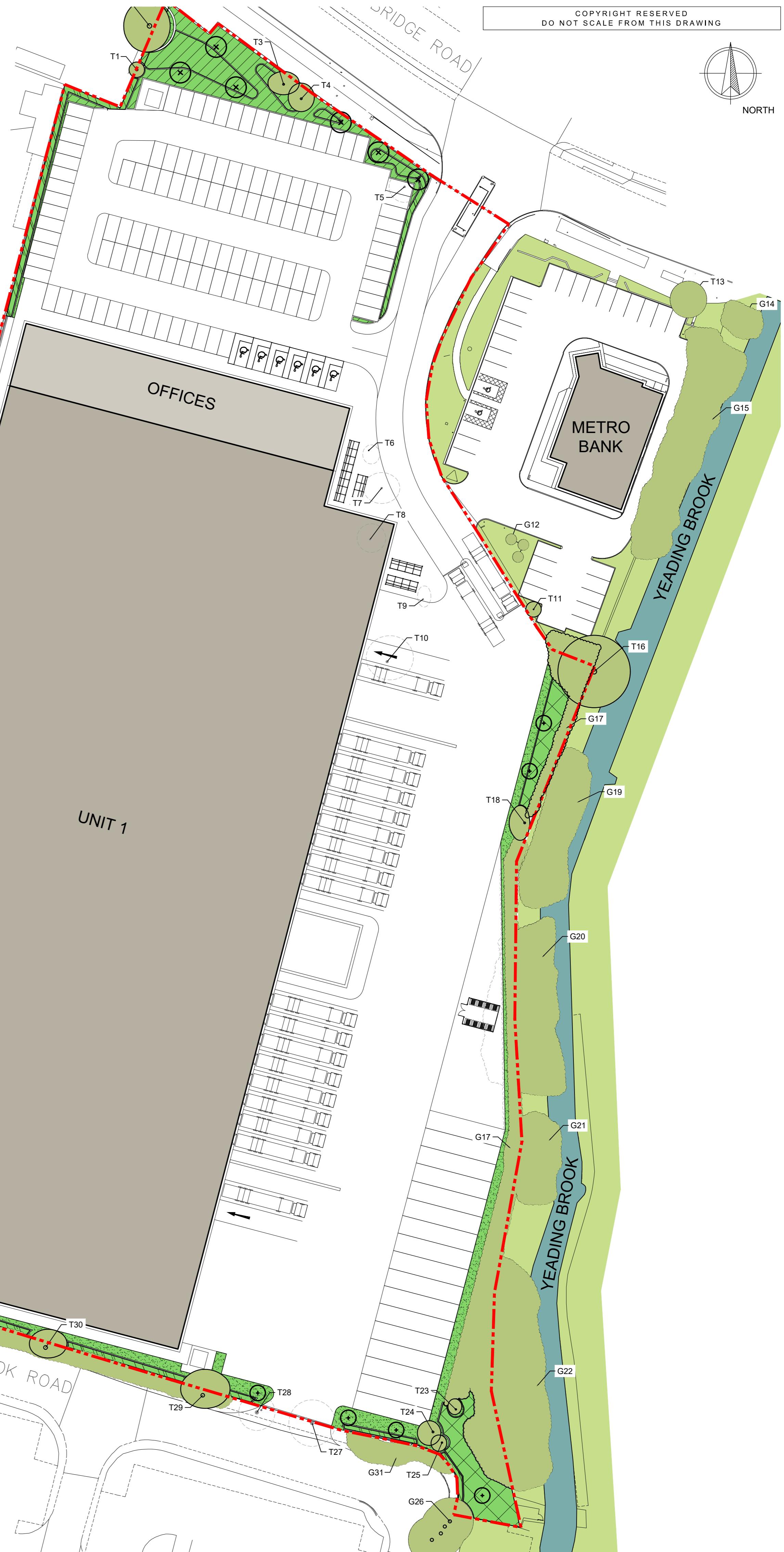
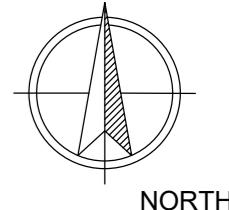
(Refer to BCA 2246-21-03A for proposed tree species)

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		1449m²

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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	606.7m ²	1.0	606.7
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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 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 GROUNDCOVER 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

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 B