

PROPOSED LIDL STORE BRITON FERRY ROAD NEATH

ARBORICULTURAL METHOD STATEMENT

Rev 9 January 2022
Rev 11 January 2022
Rev 20 August 2022

ARBORICULTURALIST
David Rice Forestry
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1.0 ARBORICULTURAL METHOD STATEMENT

1.1 INTRODUCTION

The extent of the tree survey is within the site boundary area and trees off site on Network Rail land, Castle Bingo carpark area and Esso Garage (possibly T10 Birch) are adjacent to or have an impact on the site.

The Tree Survey was commissioned by Lidl and undertaken on 14 December 2021 by David Rice Forestry. David is a qualified arboriculturalist of many years of experience and expertise in forestry.

1.2 DOCUMENTS

Drawing No CA BF 2022-01 Rev A Lidl Briton Ferry Tree Survey and Existing Features
Drawing No CA BF 2022-02 Rev B Lidl Briton Ferry Overlay & Tree Protection Plan
Drawing No CA BF 2022-03 Rev A Lidl Briton Ferry Landscape Proposals
Tree Survey Briton Ferry Road Neath 14-12-2021 rev 9 Jan 2022
CA 2022 Lidl Briton Ferry Planting Schedule rev 20 August 2022

1.3 TPO TREES

Not checked.

1.4 TREE SURVEY CATEGORIES

The tree categories used for the tree survey are

Condition	A = Prime Condition
	B = Sound Condition
	C = Suspect Condition
	U = Dead, dying, diseased. Remove/Fell
Amenity Value AV	1 = Very high value. Retention most desirable
	2 = High Value. Retention desirable
	3 = Low Value. Could be retained
	U = No value. Remove/Fell

1.5 EXISTING SITE

The Site comprises 2 buildings, which are an existing Lidl Store and a Retail Unit and associated parking and landscaping. The site is accessed from a traffic light controlled road from Briton Ferry Road which is a main road connecting Neath and Briton Ferry. This access road is shared with Castle Bingo and its carpark which are north of the site.

The Site is centred at Ordnance Survey (OS) grid reference SS 74656 96458, in Neath in Neath Port Talbot Borough County area and postal code SA11 1AS. The Site is roughly triangularly shaped and covers an area of 1.12 hectares (ha).

The north boundary is with a fenced W1 Common Alder woodland block around Cryddan Brook, the access road from the traffic light controlled junction with Briton Ferry Road and the Holly/Hornbeam hedge to Castle Bingo land. The soft landscaping on this boundary (below the alder woodland) associated with the second retail building is grass with a planting bed with Cordylines. The north east corner is a sub-station with a T15 Whitebeam tree and surrounded by a planting bed.

The eastern boundary of the Site is a grassed bank sloping down to Briton Ferry Road with a line of T1- T7 Whitebeam trees. There are 2 sets of stairs into the Lidl store carpark an informal access in the south east corner by the Esso Garage by T8 and T9 Wild Cherry trees. The Cherry trees have exposed roots which may be a trip hazard.

The southern boundary is timber fence/brick wall at the base of a grass bank and planting bed sloping down to the fence/wall boundary to the Esso Service Station. There is a T10 Birch in the planting bed which leans inward into the Lidl carpark.

The western boundary is a galvanised metal palisade fence with Network Rail Land. This land has railway lines and a dense stand of knotweed stems which have grown through the fence and overhang the site. In certain places the Knotweed stems are on the site land. Network Rail have a Knotweed Treatment Programme for 5 years in place. There are T13 and T14 Alder trees on the Network Rail land in the Knotweed block which have canopies overhanging the site. There is also a dying tree in the Knotweed block.

The existing Lidl store and Second retail building are to be demolished to enable the larger Lidl store to be built and carparking reconfigured.

2.0 TREE REMOVALS AND TREE WORKS

TREE REMOVALS

The following trees are to be removed to facilitate the design and these occur within the site boundary.

- T1 Whitebeam B2
- T2 Whitebeam C2
- T3 Whitebeam B2
- T4 Whitebeam B2
- T10 Birch B2
- T12 Birch B2

The tree removals have to consider bat roosts and bird nesting. The felling and clearing of the trees will be undertaken between 1 October and 1 March inclusively. On site all trees felled to be stump ground out.

TREWORKS

The T8 and T9 Wild Cherries if crown reduction is required it is imperative that the work is undertaken when they are in full leaf June/July, to reduce sap bleeding and possible disease infection. The roots are obviously a trip hazard and a trip rail barrier is to be indicated to deter access.

The canopies T11 Birch the crown may be cut back as they will be close to the proposed building. This crown reduction should not be undertaken in Spring as the cut branches may bleed profusely.

3.0 TREE PROTECTION PLAN

ACTION

This (AMS) Arboricultural Method Statement is set out for the implementation of any aspect of the development that has the potential to result in the loss or damage to a tree. This AMS sets out the work which will be carried out at the Site area as follows :

- Installation of the protective fence and keep it in place until all construction is complete.
- Tree removals and treeworks as listed above to be undertaken
- Protective Fence barriers erected in the correct location.

TREE PROTECTION

The installation of the protective fencing shall be located as shown on Drawing No CA 2022-02 rev B Lidl Briton Ferry Overlay & Tree Protection Plan for protection against damage to trees to be in accordance with BS 5837: 2012 – Trees in relation to Construction is to be a Heras Fence installed to the Figure 2 default specification.

A tree protection barrier was to be erected prior to any site activity starting and the construction

exclusion maintained until the end of the construction period when the landscape works are undertaken.

No development shall take place except in complete accordance with the approved scheme, and works required by that scheme are in place. All protective fencing, etc shall be retained intact for the full duration of the development hereby approved, and shall only be removed, or altered in that time with the prior written approval of the Local Planning Authority.

Principal Contractor to maintain fence intact until construction works are complete and hand works may only commence within the protected and exclusion zone

TREE ROOTS CUT BACK

T11 Birch will have its roots cut back when the new store is built. The extent of root cutting back is indicated on Drawing No CA 2022-02 rev B Lidl Briton Ferry Overlay & Tree Protection Plan. These roots are underneath existing tarmac carpark bays.

Hand-dig a trench alongside the kerb edge cutting back roots as the trench progresses those below 2.5cm diameter can be trimmed back to the edge of the trench with secateurs. Roots with a diameter greater than 2.5cm cut back with 100mm back into trench side and plug gap with soil.

4.0 PROPOSALS

The proposed redevelopment comprises the construction of a new Lidl store with a customer carpark.

There will be a 4.00m buffer strip on the north boundary with the Alder woodland with an otter holt in accordance with the Ecologist's recommendations.

In the south of the site with associated parking in the north of the Site and delivery and loading area in the east.

The north east and east boundary are soft landscape areas of varying widths with some tree planting. With retained T5-T7 Whitebeam, T8 and T9 Wild Cherry in the south eastern section.

The south west section of the site is a between the store and the boundary will include trees and and planting.

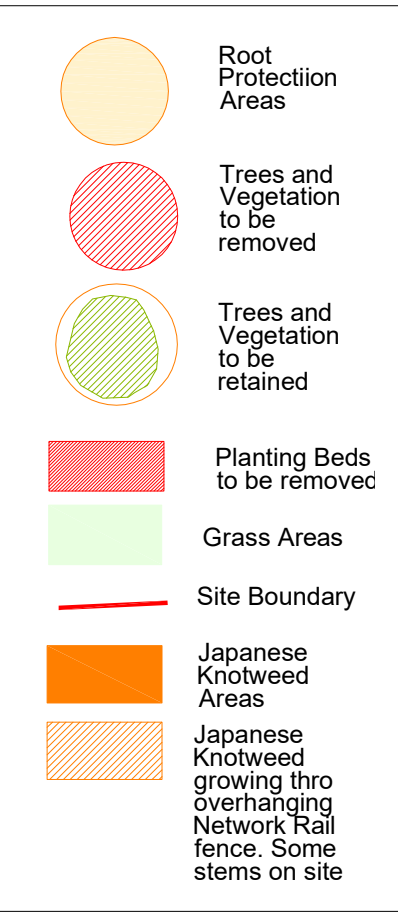
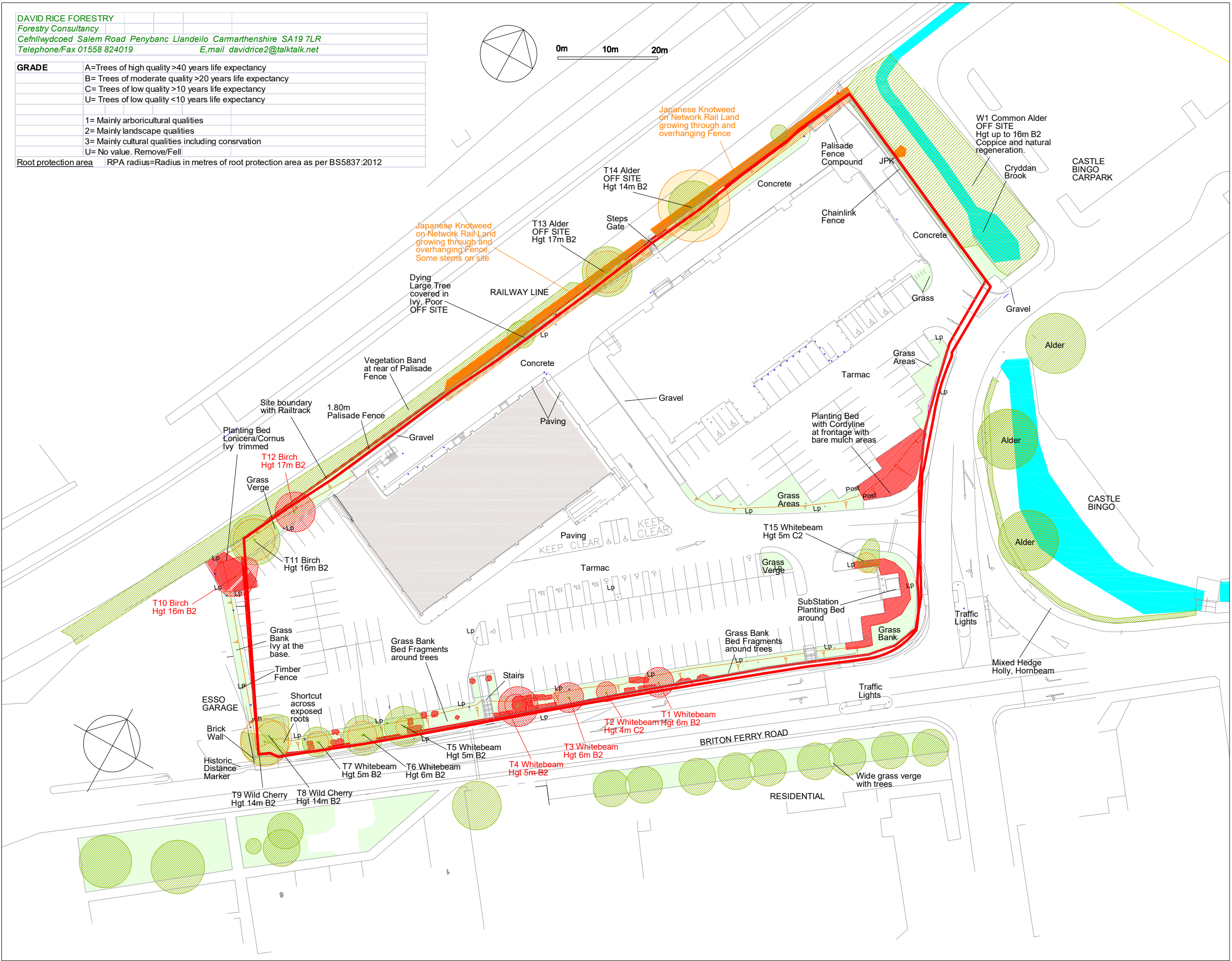
The west boundary with Network Rail is to be low ground cover with spaced shrubs to allow continued Knotweed treatment.

There will be compensatory tree planting to mitigate the loss of the 6 Trees

Tree survey - Lidl, Britton Ferry Road, Neath, SA11 2DR										Rev 11 Jan 2022	
DAVID RICE FORESTRY <i>Forestry Consultancy</i> <i>Cefnllwydcoed Salem Road Penybanc Llandeilo Carmarthenshire SA19 7LR</i> <i>Telephone/Fax 01558 824019 E.mail davidrice2@talktalk.net</i> <i>Collated and indicated on CAD base by Corscadden Associates</i>											
KEY											
Age---Y=Young, SM=Semi-mature, MA=Middle aged, M=Mature, OM= Overmature											
Ht = Height in metres											
Diam = Breast height diameter in centimeters											
Spd = Crown spread in metres											
Clear = Height of crown clearance											
Life = Life expectancy in years											
TPO TREES											
TREES TO BE REMOVED TO FACILITATE DEVELOPMENT											
GRADE											
A=Trees of high quality >40 years life expectancy											
B= Trees of moderate quality >20 years life expectancy											
C= Trees of low quality >10 years life expectancy											
U= Trees of low quality <10 years life expectancy											
1= Mainly arboricultural qualities											
2= Mainly landscape qualities											
3= Mainly cultural qualities including conservation											
U= No value. Remove/Fell											
Root protection area RPA radius=Radius in metres of root protection area as per BS5837:2012											
No	Species	Age	Ht m	Stem diam cm	Crown clear Ht/m	Spread m N E S W	Comments and Recommendations		Est life years	Grade	RPA radius m
1	Whitebeam var	MA	6	27	2	3 3 3 3	Exposed surface roots Multi branched from 2m		>20	B	2 3.2
2	Whitebeam var	SM	4	12	1	2 2 2 2	Ivy		>10	C	2 1.4
3	Whitebeam var	MA	6	19	2	3 3 3 3	Snags		>20	B	2 2.3
4	Whitebeam var	MA	5	16	2	4 4 4 4	Ivy. Snags		>20	B	2 1.9
5	Whitebeam var	MA	5	15	2	4 4 4 4	Vigorous ivy. Occluding branch scars		>20	B	2 1.8
6	Whitebeam var	MA	6	24	2	4 4 4 4	Multibranched from 2m		>20	B	2 2.9
7	Whitebeam var	MA	5	18	2	3 3 3 3			>20	B	2 2.2
8	Wild cherry	MA	14	30	1.5	6 4 0 5	Exposed surface roots. Broken and lodged branch		>20	B	2 3.6
							Two trunks from 1.5m. One sided cdown				
9	Wild cherry	M	14	40	1.5	1 5 5 5	Exposed surface roots. One sided crown.		>20	B	2 4.8
							Manage both as one tree, a biogroup				
10	Birch	M	16	30,20	2	5 4 4 4	Two trunks from ground level. In a shrub bed		>20	B	2 6
							Leaning to north				
11	Birch	M	16	35	3	5 5 5 5	Slight lean to north		>20	B	2 4.2
							Some crown reduction to be undertaken between				
							mid June and end of September				
12	Birch	M	17	30	3	5 5 5 5	A good specimen		>20	B	2 3.6
13	Common alder	M	17	c 35	3	5 5 5 5	OFF SITE Very vigorous ivy. Crown overhangs site		>20	B	2 4.2
14	Common alder	M	14	c30,30	3	5 5 5 5	OFF SITE Very vigorous ivy. Crown overhangs site		>20	B	2 7.2
							Two trunks from ground level				
15	Whitebeam var	MA	5	22	2	5 3 1 2	Swept crown. Poor specimen		>10	C	2 2
W1	Common alder	MA	to 16	to 25		2 over site	OFF SITE beside stream. Coppice and natural regeneration		>20	B	2 3 into site
							Note				
							All tree work to be to BS3998:2010				

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GRADE	A=Trees of high quality >40 years life expectancy
	B= Trees of moderate quality >20 years life expectancy
	C= Trees of low quality >10 years life expectancy
	U= Trees of low quality <10 years life expectancy
	1= Mainly arboricultural qualities
	2= Mainly landscape qualities
	3= Mainly cultural qualities including conservation
	U= No value. Remove/Fell
Root protection area	RPA radius=Radius in metres of root protection area as per BS5837:2012



CA BF 2022-01 rev A
9 January 2022
Minor revisions

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Project
BRITON FERRY

Drawing Title
**TREE SURVEY &
EXISTING FEATURES**

Scale
1:500 at A2

Date
31 Dec 2021

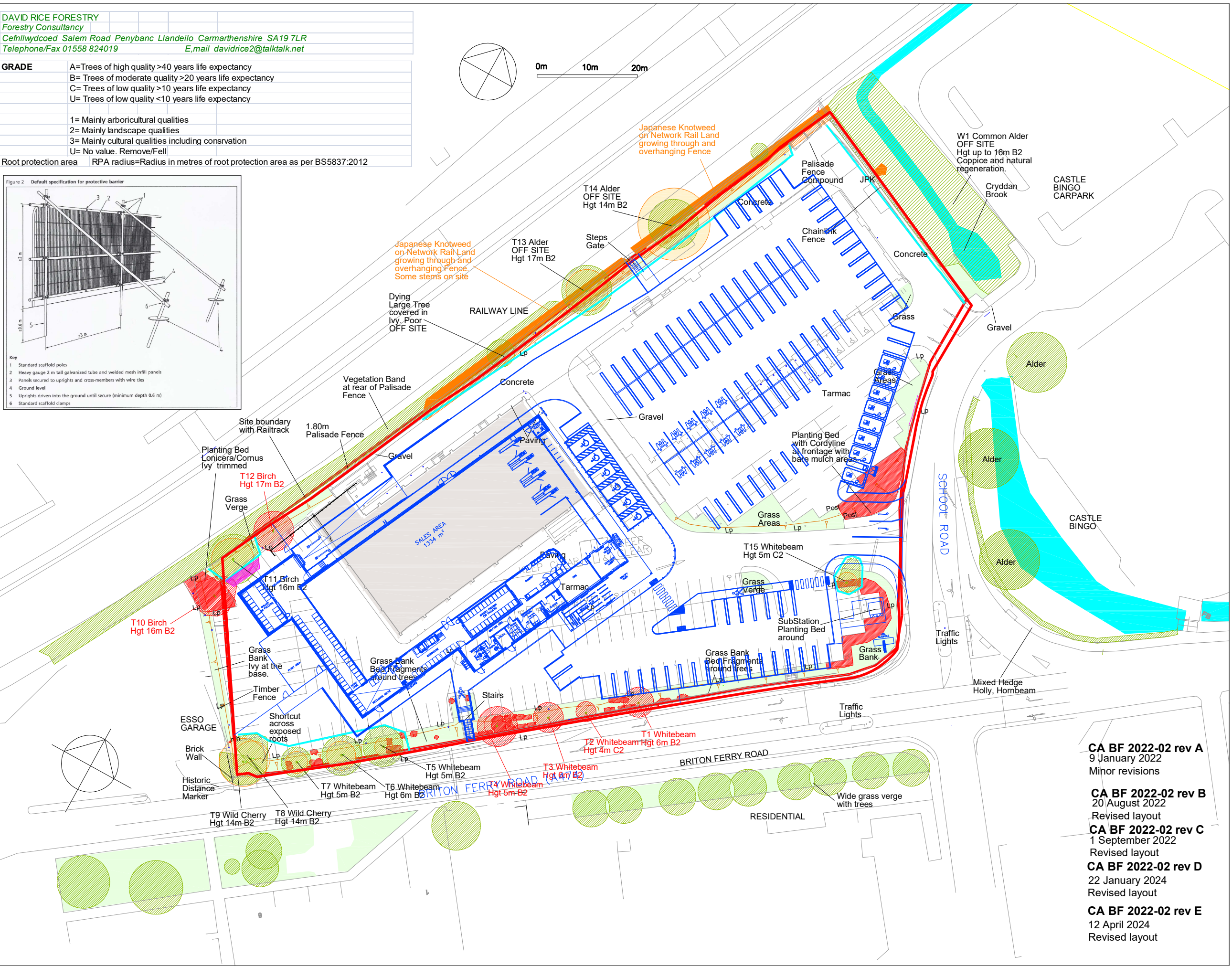
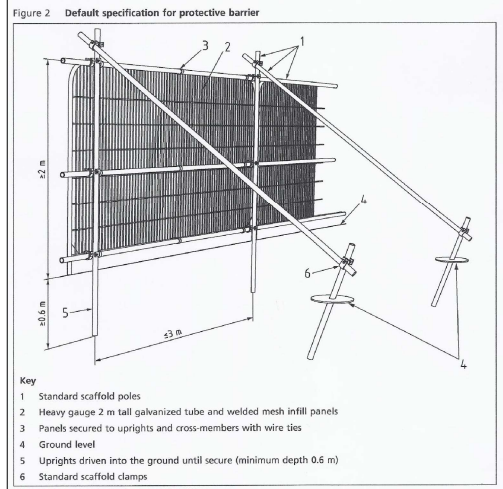
Drawing No
173 CA BF 2022-01 rev A

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Root protection area RPA radius=Radius in metres of root protection area as per BS5837:2012



- Root Protection Areas
- Trees and Vegetation to be removed
- Trees and Vegetation to be retained
- Planting Beds to be removed
- Grass Areas
- Site Boundary
- Japanese Knotweed Areas
- Japanese Knotweed growing thro overhanging Network Rail fence. Some stems on site
- Tree Protective Fence to BS5837 :2012 also to protect grass or restrict Knotweed areas
- Proposed Layout
- Roots cut back Canopy reduced

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CA BF 2022-02 rev A
9 January 2022
Minor revisions

CA BF 2022-02 rev B
20 August 2022
Revised layout

CA BF 2022-02 rev C
1 September 2022
Revised layout

CA BF 2022-02 rev D
22 January 2024
Revised layout

CA BF 2022-02 rev E
12 April 2024
Revised layout

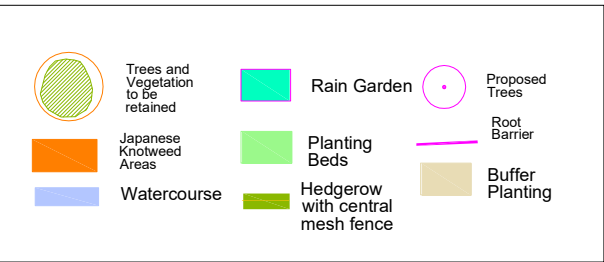
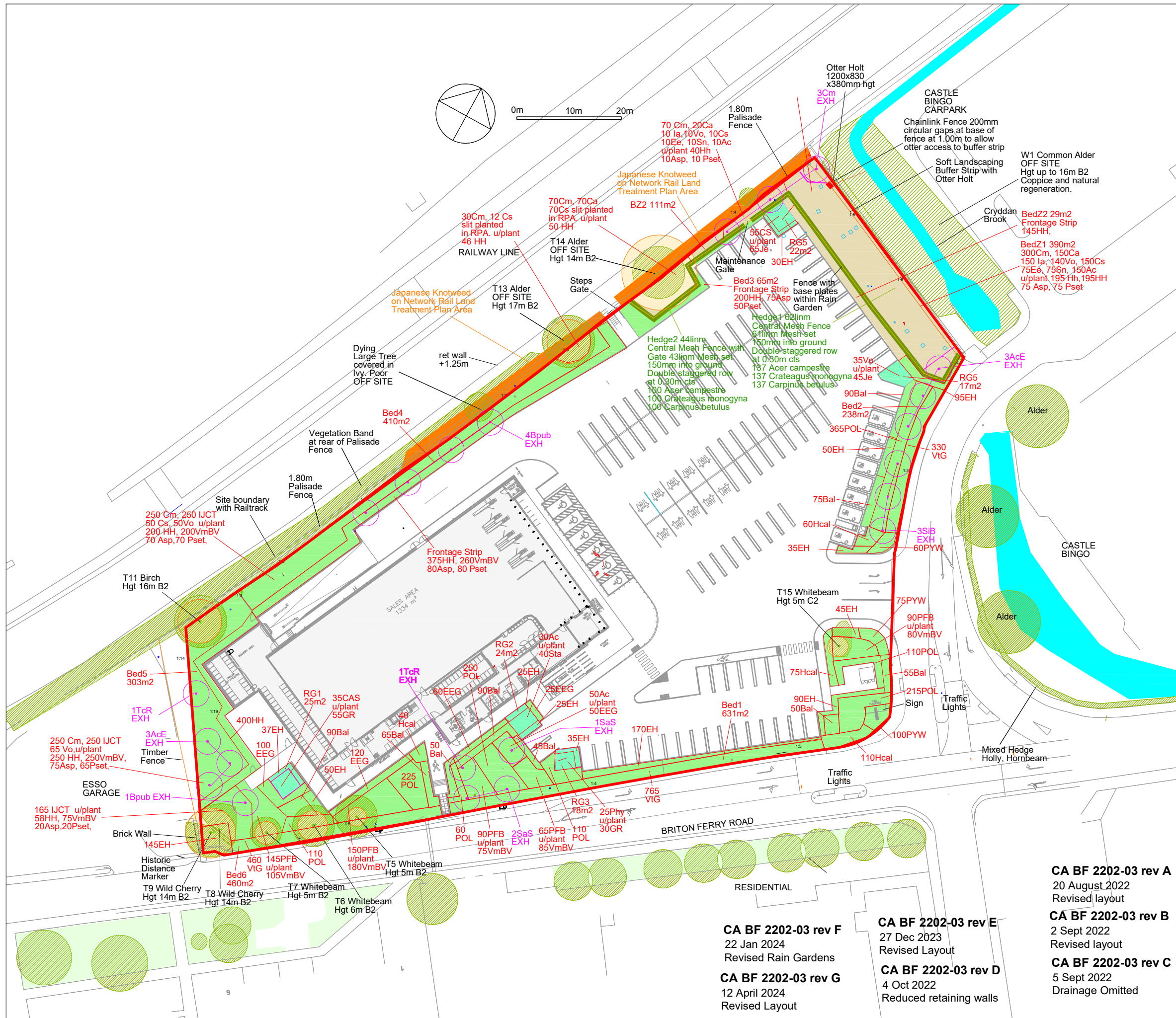
Project
BRITON FERRY

Drawing Title
OVERLAY & TREE
PROTECTION PLAN

Scale
1:500 at A2

Date
29 Dec 2021

Drawing No
173 CA BF 2022-02 rev E



LIDL BRITON FERRY ROAD : NEATH				
PLANTING SCHEDULE :				
				revised 12 April 2024
		Native	Pollinators	
TREE PLANTING				
Ace EXH	Acer campestre Elsrijk	N	P	14-16cm girth Extra Hwy Std 6 No
Bpub EXH	Betula pubescens	N	P	14-16cm girth Extra Hwy Std 5 No
Cm EXH	Crataegus monogyna	N	P	14-16cm girth Extra Hwy Std 3 No
SiB EXH	Sorbus intermedia Brouwers	N	P	14-16cm girth Extra Hwy Std 3 No
SaS EXH	Sorbus aucuparia Streetwise	N	P	14-16cm girth Extra Hwy Std 3 No
TcR EXH	Tilia cordata Rancho	N	P	14-16cm girth Extra Hwy Std 2 No
TOTAL				20 No
PLANTING BEDS 1-6				
Amel	Amelanchier canadensis	N	P	45-60cm 3Lpot 2188 m2
Asp	Asplenium scolopendrium	N	P	2Lpot 50 No
Bal	Ballota pseudodictamnus	N	P	20-30cm 2Lpot 320 No
Cm	Crataegus monogyna	N	P	60-90cm 1 + 1 Open Ground 535 No
Cs	Cornus sanguinea	N	P	60-90cm 1 + 1 Open Ground 62 No
EEG	Euonymus Emerald Gaiety	N	P	20-30cm 2Lpot 355 No
EH	Euonymus Harlequin	N	P	20-30cm 2Lpot 700 No
Heb	Hebe caladonia	N	P	60-90cm 2Lpot 285 No
HH	Hedera Hibernica	N	P	60-90cm 2Lpot 1429 No
UCT	Ilex JC Van Tol	N	P	30-45cm 3Lpot 665 No
Pset	Polypodium setiferum	N	P	2Lpot 295 No
PYW	Phormium Yellow Wave	N	P	45-60cm 3Lpot 235 No
POL	Prunus Otto Luyken	N	P	45-60cm 2Lpot 1445 No
PIB	Photinia fraseri Birmingham	N	P	45-60cm 3Lpot 540 No
VIG	Viburnum tinus Gwenllian	N	P	45-60cm 3Lpot 1555 No
VmBV	Vinca minor Bowles Variety	N	P	20-30cm 2Lpot 1310 No
Vo	Viburnum opulus	N	P	60-90cm 1 + 1 Open Ground 115 No
TOTAL				10426 No
BUFFER ZONE BZ1-BZ2				
Asp	Asplenium scolopendrium	N	P	2Lpot 472 m2
Ac	Acer campestre	N	P	60-90cm 1 + 1 Open Ground 85 No
Cm	Crataegus monogyna	N	P	60-90cm 1 + 1 Open Ground 160 No
Ca	Corylus avellana	N	P	60-90cm 1 + 1 Open Ground 440 No
Cs	Cornus sanguinea	N	P	60-90cm 1 + 1 Open Ground 240 No
Ee	Euonymus europaeus	N	P	60-90cm 1 + 1 Open Ground 230 No
HH	Hedera Hibernica	N	P	60-90cm 2Lpot 85 No
Hh	Hedera helix	N	P	60-90cm 2Lpot 340 No
Ia	Ilex aquifolium	N	P	30-45cm 3Lpot 235 No
Pset	Polypodium setiferum	N	P	2Lpot 160 No
Sn	Sambucus nigra	N	P	60-90cm 1 + 1 Open Ground 85 No
Vo	Viburnum opulus	N	P	60-90cm 1 + 1 Open Ground 150 No
TOTAL				2370 No
RAIN GARDEN 1-6				
Ac	Amelanchier canadensis	N	P	45-60cm 3Lpot 106 m2
CAS	Cornus alba Sibirica	N	P	40-60cm 3Lpot 30 No
Cs	Cornus sanguinea	N	P	40-60cm 3Lpot 55 No
EH	Euonymus Harlequin	N	P	20-30cm 2Lpot 35 No
GR	Geranium Roxanne	N	P	20-30cm 2Lpot 122 No
Je	Juncus effusus	N	P	2Lpot 85 No
Phy	Physocarpus Diabolo	N	P	45-60cm 3Lpot 110 No
Vib	Viburnum opulus	N	P	45-60cm 2Lpot 25 No
Sta	Stachys byzantina Silver Carpet	N	P	20-30cm 2Lpot 35 No
TOTAL				40 No
NATIVE HEDGEROW				
Ac	Acer campestre	N	P	60-90cm 1 + 1 Open Ground 537 No
Crataegus	Crataegus monogyna	N	P	60-90cm 1 + 1 Open Ground 237 No
Carpinus	Carpinus betulus	N	P	60-90cm 1 + 1 Open Ground 237 No
TOTAL				711 No

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Project
BRITON FERRY

Drawing Title
LANDSCAPE PROPOSALS

Scale
1:500 at A2

Date
29 Dec 2022

Drawing No
CA BF 2202-03 rev G

CA BF 2202-03 rev A
20 August 2022
Revised layout

CA BF 2202-03 rev B
2 Sept 2022
Revised layout

CA BF 2202-03 rev C
5 Sept 2022
Drainage Omitted

CA BF 2202-03 rev E
27 Dec 2023
Revised Layout

CA BF 2202-03 rev D
4 Oct 2022
Reduced retaining walls

CA BF 2202-03 rev F
22 Jan 2024
Revised Rain Gardens

CA BF 2202-03 rev G
12 April 2024
Revised Layout

LIDL BRITON FERRY ROAD : NEATH
PLANTING SCHEDULE :

		Native	Pollinators	revised 12 April 2024	
	TREE PLANTING				
Ace EXH	Acer campestre Elsrijk	N	P	14-16cm girth Extra Hvy Std	6 No
Bpub EXH	Betula pubescens	N		14-16cm girth Extra Hvy Std	5 No
Cm EXH	Crataegus monogyna	N	P	14-16cm girth Extra Hvy Std	3 No
SiB EXH	Sorbus intermedia Brouwers	N		14-16cm girth Extra Hvy Std	3 No
SaS EXH	Sorbus aucuparia Streetwise	N	P	14-16cm girth Extra Hvy Std	3 No
TcR EXH	Tilia cordata Rancho	N		14-16cm girth Extra Hvy Std	2 No
	TOTAL				20 No
	PLANTING BEDS 1-6				2188 m2
Amel	Amelanchier canadensis		P	45-60cm 3Lpot	50 No
Asp	Asplenium scolopendrium	N		2Lpot	320 No
Bal	Ballota pseudodictamnus		P	20-30cm 2Lpot	535 No
Cm	Crataegus monogyna	N	P	60-90cm 1 + 1 Open Ground	530 No
Cs	Cornus sanguinea	N	P	60-90cm 1 + 1 Open Ground	62 No
EEG	Euonymus Emerald Gaiety			20-30cm 2Lpot	355 No
EH	Euonymus Harlequin			20-30cm 2Lpot	700 No
	Hebe caladonia		P	60-90cm 2Lpot	285 No
HH	Hedera Hibernica	N	P	60-90cm 2Lpot	1429 No
IJCT	Ilex JC Van Tol	N	P	30-45cm 3Lpot	665 No
Pset	Polypodium setiferum	N		2Lpot	295 No
PYW	Phormium Yellow Wave			45-60cm 3Lpot	235 No
POL	Prunus Otto Luyken		P	45-60cm 2Lpot	1445 No
PfB	Photinia fraseri Birmingham			45-60cm 3Lpot	540 No
VtG	Viburnum tinus Gwenllian		P	45-60cm 3Lpot	1555 No
VmBV	Vinca minor Bowles Variety			20-30cm 2Lpot	1310 No
Vo	Viburnum opulus	N	P	60-90cm 1 + 1 Open Ground	115 No
	TOTAL				10426 No
	BUFFER ZONE BZ1-BZ2				472 m2
Asp	Asplenium scolopendrium	N		2Lpot	85 No
Ac	Acer campestre	N		60-90cm 1 + 1 Open Ground	160 No
Cm	Crataegus monogyna	N	P	60-90cm 1 + 1 Open Ground	440 No
Ca	Corylus avellana	N		60-90cm 1 + 1 Open Ground	240 No
Cs	Cornus sanguinea	N	P	60-90cm 1 + 1 Open Ground	230 No
Ee	Euonymus europaeus	N	P	60-90cm 1 + 1 Open Ground	85 No
HH	Hedera Hibernica	N	P	60-90cm 2Lpot	340 No
Hh	Hedera helix	N	P	60-90cm 2Lpot	235 No
Ia	Ilex aquifolium	N	P	30-45cm 3Lpot	160 No
Pset	Polypodium setiferum	N		2Lpot	160 No
Sn	Sambucus nigra	N	P	60-90cm 1 + 1 Open Ground	85 No
Vo	Viburnum opulus	N	P	60-90cm 1 + 1 Open Ground	150 No
	TOTAL				2370 No
	RAIN GARDEN 1-6				106 m2
Ac	Amelanchier canadensis			45-60cm 3Lpot	30 No
CAS	Cornus alba Sibirica		P	40-60cm 3Lpot	55 No
Cs	Cornus sanguinea	N	P		35 No
EH	Euonymus Harlequin			20-30cm 2Lpot	122 No
GR	Geranium Roxanne			20-30cm 2Lpot	85 No
Je	Juncus effusus	N		2Lpot	110 No
Phy	Physocarpus Diabolo		P	45-60cm 3Lpot	25 No
Vo	Viburnum opulus	N	P	45-60cm 2Lpot	35 No
Sta	Stachys byzantina Silver Carpet			20-30cm 2Lpot	40 No
	TOTAL				537 No
	NATIVE HEDGEROW				106 linm
	Acer campestre	N		60-90cm 1 + 1 Open Ground	237 No
	Crataegus monogyna	N	P	60-90cm 1 + 1 Open Ground	237 No
	Carpinus betulus	N		60-90cm 1 + 1 Open Ground	237 No
	TOTAL				711 No