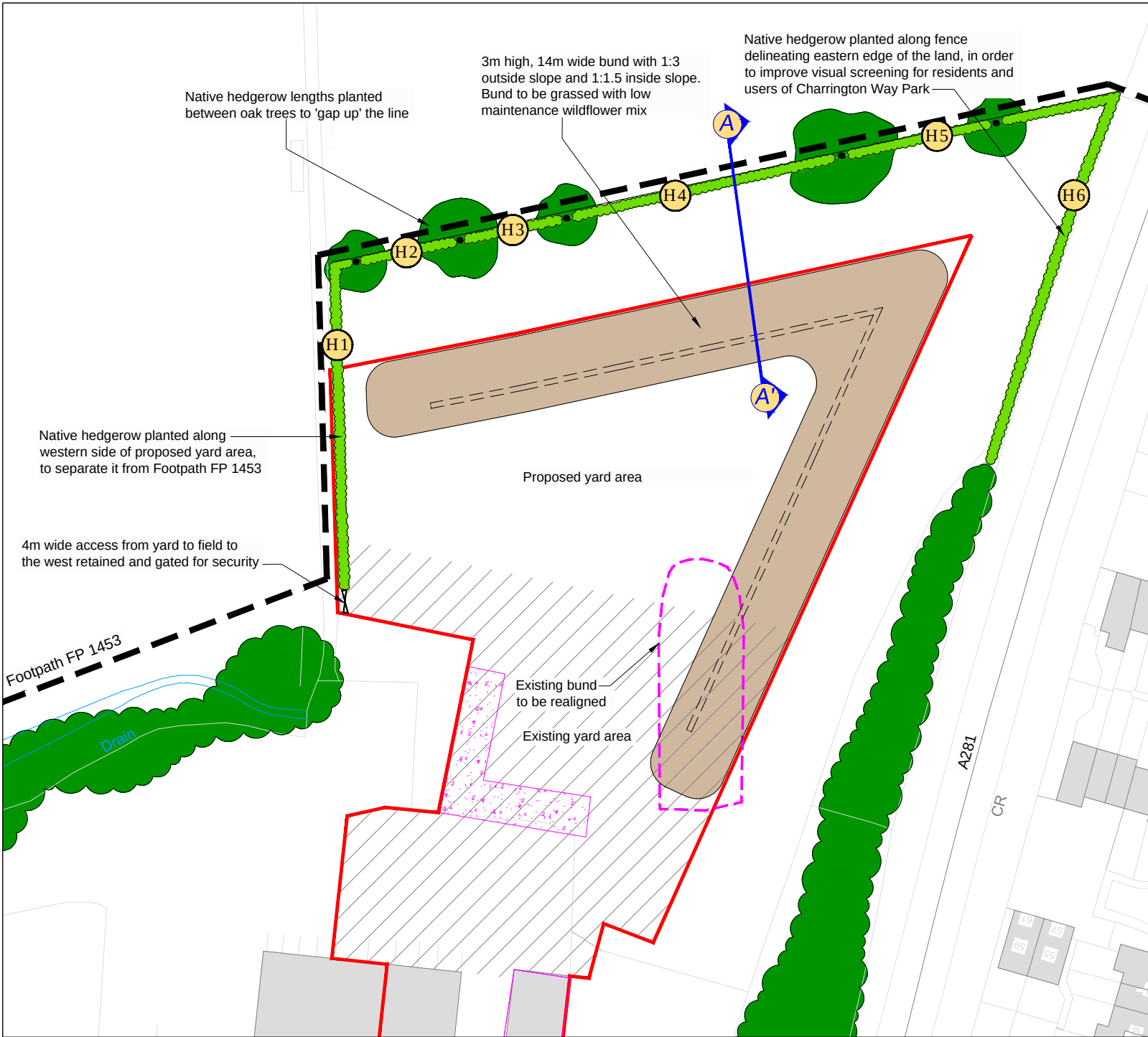


Schedule of Plant Material				Planting Block	H1	H2	H3	H4	H5	H6	Total
Species	Common Name	Approx. % of Mix	Size/cm	Protection & support	62	18	18	49	26	91	
Acer Campestre	Field Maple	15	60-80	60cm Tree Shelter/90cm stake	45	15	15	35	25	65	200
Quercus robur	Oak	5	60-80	60cm Tree Shelter/90cm stake	15	5	5	15	8	25	73
Crataegus monogyna	Hawthorn	55	40-60	60cm Spiral Guard/90cm cane	170	45	45	135	60	255	710
Prunus spinosa	Blackthorn	15	40-60	60cm Spiral Guard/90cm cane	45	15	15	35	25	65	200
Rosa canina	Dog Rose	10	40-60	60cm Tree Shelter/90cm stake	35	10	10	25	12	45	137
Total		100			310	90	90	245	130	455	1320

BUND SEEDING, HEDGE PLANTING AND MANAGEMENT WORKS

Low Maintenance Meadow Grassland on Bund - Seeding and Management

It is envisaged that the stripped soil material spread onto the bund would be reasonably fertile, which is not ideal for establishing meadow grassland with a species rich element, as the more vigorous grasses can out compete the wildflower species. However, the following native mix is specially designed for more fertile soils and contains a number of robust wildflowers as well as nurse grass species. The mix is from Wildflowers UK and is ref. MM9_1 (wildflowersuk.com/details.asp?ID=19#zzz). The manufacturers recommended sowing rate: 3 - 4g/sq.m (10 - 16kg/acre or 30 - 40kg/ha):

- Main Grasses (80%):
- 20% Crested Dogstail (*Cynosurus cristatus*)
 - 15% Cocksfoot Grass (*Dactylis glomerata*)
 - 10% Meadow Fescue (*Festuca pratensis*)
 - 10% Red Fescue (*Festuca rubra*)
 - 10% Tall Fescue (*Festuca arundinacea*)
 - 5% Meadow Foxtail Grass (*Alopecurus pratensis*)
 - 5% Tufted Hairgrass (*Deschampsia cespitosa*)
 - 5% Yorkshire Fog Grass (*Holcus lanatus*)

Wild Flower Component (20%):
2.1% each of Red Campion & Ribwort Plantain, 2% each of Agrimony & Common Vetch, 1.6% of Oxeye Daisy, 1.5% each of Hedge Bedstraw & Upright Hedge Parsley, 1.1% of Wild Carrot, 1% each of Greater Knapweed, Selfheal, Teasel & Tufted Vetch, 0.6% of Black Knapweed, 0.5% each of Common St John's Wort, Meadow Cranesbill & Yarrow.

It is very likely that weeds will appear during the first year following sowing and these need to be trimmed/mowed regularly (min height 50mm) and removed (or at least raked to the side) to prevent them from competing with the developing wildflower species. Perennials are unlikely to flower during the first season but the nurse grasses would provide cover until the second year when the perennials are more likely to appear. Cornfield annuals (e.g. Cornflower, Poppy etc.) can also be added to the mix if deemed desirable, in order to provide colour during the first year.

The following years would see faster growing perennials appear with slower growing species developing later, providing more species diversity. It is usual to have one main late summer/early autumn strim, again with arisings removed/raked to the side. Alternatively, the meadow grassland can be left uncut after the first year and allowed to form a tussocky structure, which would be beneficial for a range of species (invertebrates, small mammals, birds, amphibians etc.)

If strimming/mowing is not used to manage the grassland, areas will be selectively sprayed, if necessary, to control noxious or other undesirable broadleaved weeds. This should be carried out only as a last resort and by knapsack application using selective herbicides such as MCPA, Grazon 90 or 2, 4-D at the manufacturers recommended rate, ideally in early/mid spring. If weed growth persists, a further application would be carried out later in the growing season, if necessary. No fertilisers are to be applied at any time.

Hedgerow Planting: Species, Numbers, Planting Method and Management

The hedgerow lengths will be planted with species in accordance with the Schedule of Plant Material (see base of drawing). The planting would comprise native species (of local origin where possible). Hedgerows would be planted in double staggered rows at 5 plants per metre, with circa. 300mm between rows and 500mm between plants in each row. Oak species would be randomly located throughout the length of the hedgerow, with allowance made regarding spacing of adjacent plants at each planting point.

Hedgerows will be kept weed free by the band application of glyphosate herbicide (e.g. Roundup) at least twice every year, in early spring and early/mid summer, for at least the first three seasons, with review thereafter. All chemical applications will be in accordance with guidelines as set out in the Pesticide Control Act 1996.

Plants, guards and canes which become loose, over-tight or broken will be re-firmed and adjusted on an annual basis. All planting/seeding failures would be replaced on an annual basis, during the first five years to ensure 100% stocking. All replacements will use plants of the same species. Refer to the Typical Annual Planting Maintenance Programme table beneath the Key for timings of operations summarised above.

It is not envisaged that the hedgerows would need to be watered due to the use of bare root transplants planted in winter but if a period of prolonged dry weather is likely, irrigation would be provided by Bury Hill Landscape Supplies Ltd.

Typical Annual Hedgerow Maintenance Programme

Time of Year	No. of Visits	Operations to be Carried Out as Necessary
Late April to early June	1	1) Glyphosate band spray 2) Pull grass growing inside spirals/guards
Mid August to mid October	1 (Provisional, if Necessary)	1) Glyphosate band spray 2) Pull grass growing inside spirals/guards
November to March	1	1) Replacement of planting failures 2) Re-firm and re-adjust spirals/guards and supports. 3) Pull grass growing inside spirals/guards

KEY

- APPLICATION BOUNDARY
- EXISTING VEGETATION
- PROPOSED NATIVE HEDGEROW
- PROPOSED 3m HIGH ACOUSTIC SCREEN BUND

0 10 20 30 40 50 METRES



SCALE 1:1000

Client
BURY HILL LANDSCAPE SUPPLIES LTD.

Site
LOWER BROADBRIDGE FARM

Project
PROPOSED DEVELOPMENT

Drawing Title
LANDSCAPE SCHEME

Date
MARCH 2021

Scale
1:1000 @ A3

File Ref. **2103_039.002_Landscape Plan_FIGURE5**

Drawing No.
FIGURE 5

Revision **0**

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