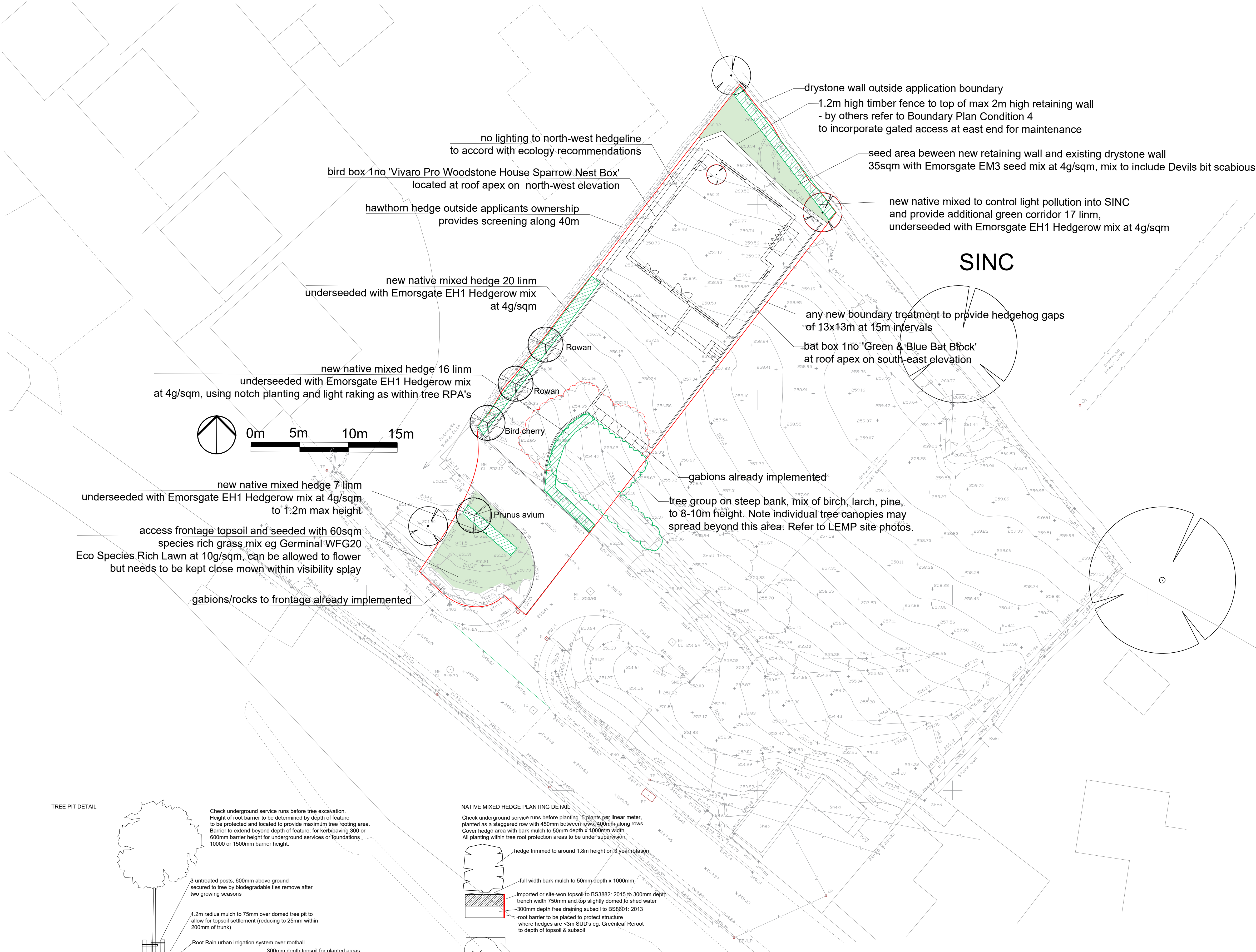
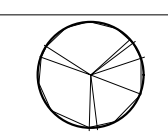
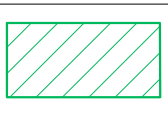
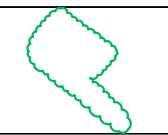




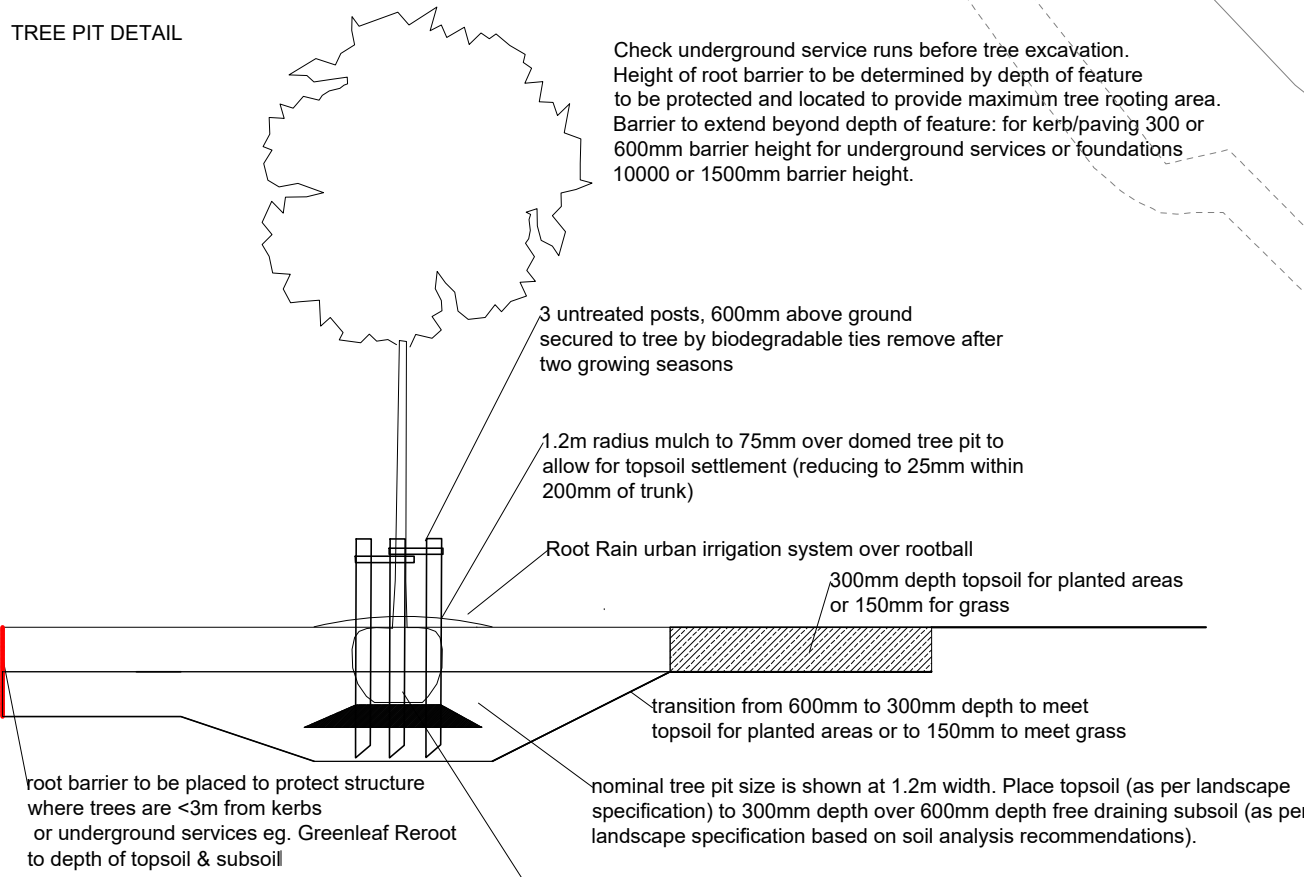
Notes

-  proposed standard native trees planting 14-16cmg
-  proposed native hedge planting underseeded with eg Emorsgate EH1 Hedgerow mix at 4g/sqm or similar
-  proposed Emorsgate species rich seed mixes at 4g/sqm as shown
-  trees and hedges within the site to be retained
-  trees and hedges to be removed

Tree species	Height (mm)	Description	Spacing	Total (no.)
See plan for tree pit detail. Secured with a triple stake and biodegradable pad and belting. Good branching rather than height is key. 75mm mulch to 1.2 sqm.				
Sorbus aucuparia (rowan)	14-16cmg	Bare root or container or root balled	As per plan	2
Prunus padus (bird cherry)	14-16cmg	Bare root or container or root balled	As per plan	1
Prunus avium (wild cherry)	14-16cmg	Bare root or container or root balled	As per plan	1

Native Mixed hedge – 43 linm Plant a staggered row [450mm between rows, 400mm along rows] at 5 plants/lin m, bare root transplants 1+2, 900-1200mm, 3L for Holly. Mulch hedge width to 50mm depth. Maintained on a 3 year rotational cut of top and sides in February before bird nesting to provide source of nuts and berries, generally to around 1.8m, lower height of 1.2m and more regular cutting at access road frontage.				
Hawthorn [Crataegus monogyna] 40%				95
Holly [Ilex aquifolium] 10%			3L	20
Hazel [Corylus avellana] 20%				40
Cornus sanguinea [Dogwood] 20%				40
Ligustrum vulgare [Privet] 10%				20

TREE PIT DETAIL



Check underground service runs before tree excavation. Height of root barrier to be determined by depth of feature to be protected and located to provide maximum tree rooting area. Barrier to extend beyond depth of feature: for kerb/paving 300 or 600mm barrier height for underground services or foundations 1000 or 1500mm barrier height.

3 untreated posts, 600mm above ground secured to tree by biodegradable ties remove after two growing seasons

1.2m radius mulch to 75mm over domed tree pit to allow for topsoil settlement (reducing to 25mm within 200mm of trunk)

Root Rain urban irrigation system over rootball

300mm depth topsoil for planted areas or 150mm for grass

transition from 600mm to 300mm depth to meet topsoil for planted areas or to 150mm to meet grass

nominal tree pit size is shown at 1.2m width. Place topsoil (as per landscape specification) to 300mm depth over 600mm depth free draining subsoil (as per landscape specification based on soil analysis recommendations).

If planting rootballed or container grown trees:

- depth of planting holes to be no deeper than rootball (60mm shallower for container trees)
- hand scarify sides of planting pit, shave up to 20mm from outer rim and base to remove any circling roots prior to planting
- excavate into newly placed subsoil, rest rootball on 150-400mm depth washed sharp sand to minimise compaction to subsoil [depth dependent on rootball size] remove non-biodegradable wrappings/cage [including double thickness and treated hessian]
- for biodegradable wrappings [single thickness untreated hessian/narrow gauge non-galvanised baskets] remove the upper third of wrapping as backfilling

NATIVE MIXED HEDGE PLANTING DETAIL

Check underground service runs before planting. 5 plants per linear meter, planted as a staggered row with 450mm between rows, 400mm along rows. Cover hedge area with bark mulch to 50mm depth x 1000mm width. All planting within tree root protection areas to be under supervision.

hedge trimmed to around 1.8m height on 3 year rotation

full width bark mulch to 50mm depth x 1000mm

imported or site-won topsoil to BS3882: 2015 to 300mm depth trench width 750mm and top slightly domed to shed water

300mm depth free draining subsoil to BS8801: 2013

root barrier to be placed to protect structure where hedges are <3m SUD's eg. Greenleaf Reroot to depth of topsoil & subsoil

bark mulch to 50mm depth x 1000mm width

All dimensions must be checked on site and not scaled from this drawing.

This drawing is for the purposes of PLANNING. Based on Ordnance Survey and topographic survey data as supplied. OS Licence 100043966

Layout based on site layout by Utopia Design.

Refer to Mackley Davies Soft Landscape Outline specification and planting schedule.

Refer to Mackley Davies LEMP for soft landscape maintenance/management.

MACKLEY DAVIES ASSOCIATES LTD
Ffynnon yr Eirin . Crickhowell Road. Gilwern
Abergavenny . NP7 0EH . 01873 831796 .
gill@mackleydaves.co.uk

SITE
2 Carn Gwilym Goch, Merthyr

CLIENT
Alan James

DRAWING TITLE
Planting Plan

SCALE	1:200 @ A1	Job No.	23/934/01
DATE	July 2023	REVISION No.	