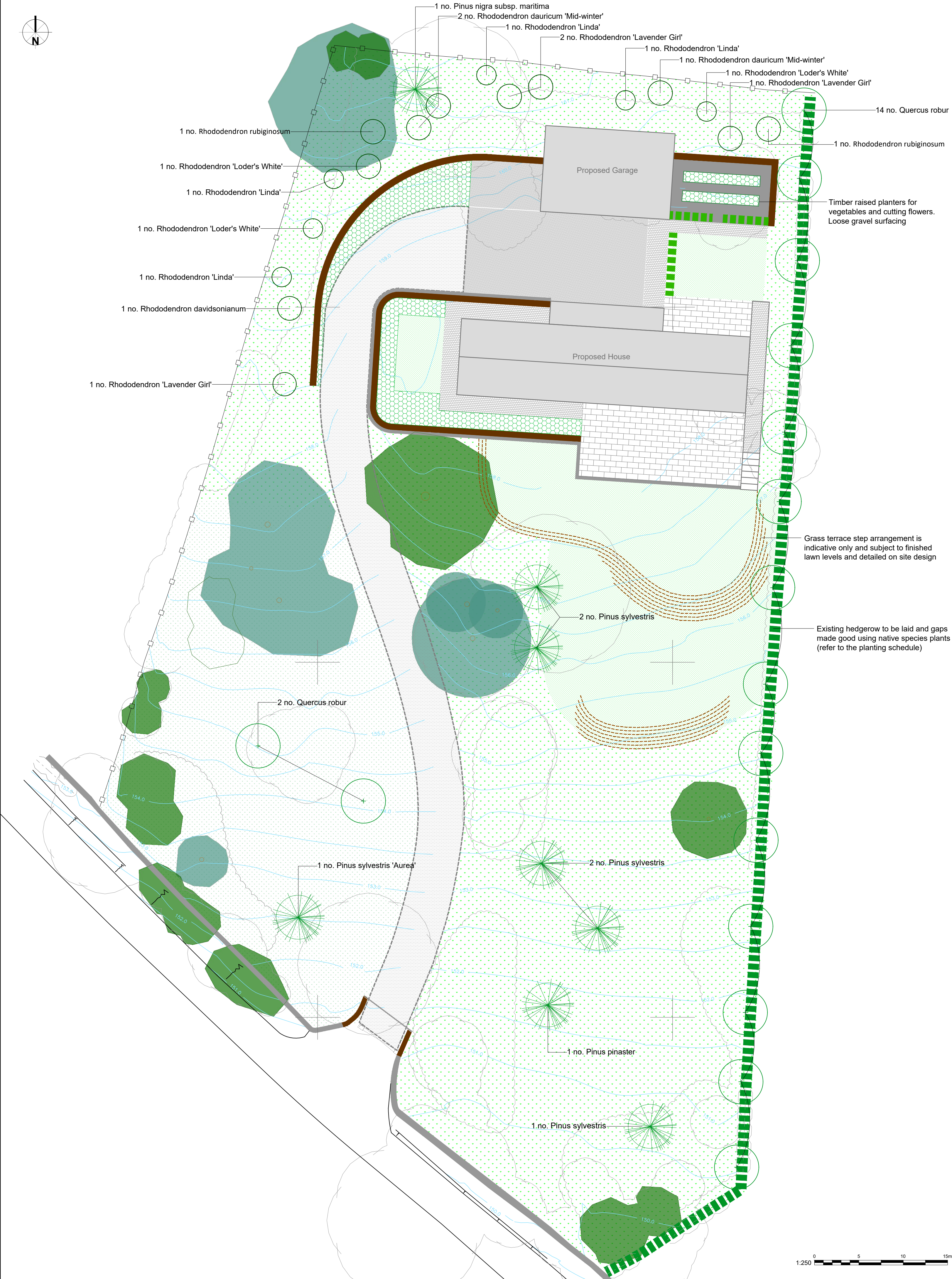




Schedule of Plants

Extra Heavy Standard Trees						
Species	Common Name	Type	Girth (cm)	Form	Specification	Quantity
Pinus nigra subsp. maritima	Corsican pine	RB 2x	-	Leader / laterals	80-100cm height	1
Pinus pinaster	Maritime pine	RB 2x	-	Leader / laterals	80-100cm height	1
Pinus sylvestris	Scots pine	RB 2x	-	Leader / laterals	80-100cm height	5
Pinus sylvestris 'Aurea'	Golden Scots pine	RB 2x	-	Leader / laterals	80-100cm height	1
Quercus robur	English oak	BR	8-10cm	Single stem	350-400cm height	16

Mixed Specimen Plants

Species	Common Name	Type	Size (cm)	Specification	Quantity
Rhododendron 'Lavender Girl'	Rhododendron	7.5L	40-60	Branched	4
Rhododendron 'Linda'	"	3L	30-40	Bushy	4
Rhododendron 'Loder's white'	"	7.5L	40-60	Branched	3
Rhododendron dauricum 'Mid-winter'	"	7.5L	40-60	Bushy	3
Rhododendron rubiginosum	"	7.5L	40-60	Bushy	2
Rhododendron davidsonianum	"	7.5L	40-60	Bushy	2

Native Species Hedgerow (species to 'gap-up' and enhance the existing hedgerow at the rate of approximately 7m / linear metre)

Species	Common Name	Height (cm)	Type	Root/Age/Specification	%
Corylus avellana	Hazel	60-80	BR	1+2	5
Crataegus monogyna	Hawthorn	60-80	BR	1+1	40
Ilex aquifolium	Holly	40-60	3L	Min. 3 breaks/ bushy	5
Prunus spinosa	Blackthorn	40-60	BR	1+1	30
Rosa canina	Dogrose	60-80	BR	1+1	5
Viburnum opulus	Gelder rose	60-80	BR	1+2	15

Mixed Ornamental Planting (indicative list of groundcover, herbaceous and specimen shrubs for use in mixed ornamental planting areas)

Species	Common Name	Type	Size (cm)	Planting density	Specification
Anemone x hybrida 'Elegans'	Japanese anemone	1L	-	Groups of 3nr	-
Bergenia cordifolia 'Purpurea'	Heart-leaf bergenia	1L	-	7/m ²	-
Choisya ternata 'Sundance'	Mexican orange	3L	30-40	3/m ²	Branched
Cornus sanguinea 'Midwinter Fire'	Dogwood	3L	60-80	Groups of 3nr	Branched
Cornus sanguinea 'Winter Beauty'	Dogwood	3L	60-80	Groups of 3nr	Branched
Cotinus coggygria 'Young Lady'	Smoke bush	15L	60-90	2/m ²	Bushy
Dryopteris filix-mas	Male fern	1L	-	Groups of 3nr	-
Euonymus europaeus 'Red Cascade'	Spindle	3L	60-80	Specimen	Branched
Euonymus fortunei 'Emerald Gaiety'	Spindle 'Emerald Gaiety'	2L	20-30D	2/m ²	Branched
Geranium sylvaticum '30Album'	Wood cranesbill 'Album'	3L	20-30	7/m ²	-
Hamamelis mollis 'Pallida'	Chinese witch hazel	10-12L	60-80	Specimen	Branched
Hebe 'Red Edge'	Hebe	3L	20-30	5/m ²	Bushy
Heuchera 'Purple Petticoats'	Alum root	2L	20-30	7/m ²	-
Luzula sylvatica	Great wood-rush	2L	30-40	7/m ²	-
Magnolia stellata 'Jane Platt'	Magnolia 'Jane Platt'	15L	40-60	Specimen	Well branched
Pachysandra terminalis 'Green Carpet'	Japanese Spurge	2L	10-20	5/m ²	Bushy
Photinia x fraseri 'Red Robin'	Christmas berry	2L	20-30	Specimen	Branched
Polystichum setiferum (Divisilobum group)	Soft shield fern	1L	-	Groups of 3nr	-
Sedum spectabile 'Autumn Joy'	Sedum	1L	-	Groups of 3nr	Bushy
Skimmia x confusa 'Kew Green'	Skimmia	3L	30-40	Specimen	Bushy
Spiraea japonica 'Golden Princess'	Japanese spiraea	3L	30-40	3/m ²	Bushy
Spiraea japonica 'Goldflame'	Japanese spiraea	3L	30-40	Groups of 3nr	Bushy
Symphoricarpos x chenaultii 'Hancock'	Snowberry	3L	30-40	3/m ²	Bushy
Viburnum opulus 'Compactum'	Gelder rose	3L	30-40	Groups	Bushy
Viburnum x bodnantense 'Dawn'	Bodnant viburnum	3L	60-90	Specimen	Bushy
Vinca minor 'Gertude Jekyll'	Small White Periwinkle	3L	10-20	7/m ²	Bushy

Ornamental Hedgerow

Species	Common Name	Type	Size (cm)	Planting Density	Specification
Ilex crenata	Japanese holly	1L	10-20	5/m ²	Bushy

BR – Bare Root

RB – Rootballed

2x – Number of times transplanted

L – Container size in litres

PLANTING ESTABLISHMENT NOTES

General

- These outline specification notes are for guidance only. All works to be undertaken by a competent and qualified landscape contractor and in accordance with guidance given in BS4428:1989 *Code of Practice for General Landscape Operations (Excluding Hard Surfaces)*.
- The contractor must verify the locations of all below ground services prior to commencing any works.
- All operations to be carried out during suitably dry and non-frozen soil conditions.
- Ensure that landscape operations do not cause undue compaction of soils and remediate as necessary if compaction occurs.
- Existing trees and shrubs to be retained to be fenced in accordance with the provisions of BS5837:2012 (*Trees in Relation to Design, Demolition and Construction*) prior to commencement of works. Trees, hedges and shrubs to be retained are to be protected and clearly marked on site. No spoil heaps, rubbish, machinery, plant or fuel to be stored in proximity to existing plants - in the case of trees this restriction extends to the spread of the tree canopy. Protective fencing to be maintained during site works.
- A full assessment of detailed, arboricultural advice on vegetation present, retention and removal is given in the supporting document: *Arboricultural Report & Impact Assessment to BS5837:2012 at: Pine Lodge, Stainborough Lane. Reference: AWA3852, June 2021*

SOILS, CULTIVATION & MULCH

Imported Subsoil

- If required, imported subsoils are to be used as a free draining subbase to topsoiled areas and a rooting substrate for deeper rooting plants.
- Subsoil to be in accordance with BS 8601:2013 - *Specification for Subsoil* or otherwise as approved by the project manager.
- Subsoil to be friable, free draining, free from weeds and stone greater than 75mm in any dimension, free from phytotoxic compounds, waste, rubble, hazardous or other deleterious material.
- Base of planting beds to be existing approved subsoil broken up and thoroughly decomposed to minimum 300mm depth (or otherwise as necessary to ensure a free draining rooting medium) prior to placing topsoil. Where existing substrates are unsuitable as a subsoil, excavate and remove substrates and replace with an imported subsoil spread to 700mm settled depth.
- Subsoil to proposed mown lawn areas to be minimum 300mm settled depth.

Imported Topsoil

- If required, imported topsoil is to be used as a planting medium for trees, shrubs, turf and other plants.
- Imported topsoil to be an approved quality multipurpose topsoil to BS 3882: 2015 - *Specification for Topsoil*, or otherwise as approved by the project manager. Soil to be free of weeds, stones, contamination and all deleterious material.
- Topsoil to be placed on friable, free draining subsoil.
- Topsoil to tree and groundcover planting beds to be 300mm settled depth.
- Topsoil to mown grass areas to be 150mm settled depth.

Topsoil Preparation & Cultivation

- Topsoil in planting beds to be rotovated to 200mm depth (hand dig only in areas within existing tree canopies) to produce a medium tilth, incorporating a soil improver and slow release fertiliser, as the manufacturers recommended rates for amenity planting.
- Planting beds to be cleared of weed/grass growth prior to planting.

PLANT MATERIAL & HANDLING

- All plant stock to comply with the National Plant Specification and be obtained from suppliers listed in the Horticultural Trades Association Nursery Certification Scheme.
- Plant handling and planting to be in accordance with the CPSE document '*Handling and Establishing Landscape Plants*'.

TREE & SHRUB PLANTING, PLANTING PITS & STAKING

Times of Year for Planting

- Deciduous trees and shrubs: Late October to late March.
- Conifers and evergreens: September/ October or April/ May.
- Herbaceous plants (including marginal): September/ October or March/ April.
- Container grown plants: At any time if ground and weather conditions are favourable.

General

- All to be in accordance with the drawings.
- For planting areas - finished settled soil levels to be set flush or slightly above adjoining paved surfaces, with soil cut away at edges to ensure much surface is flush with top of paving level.
- Excavate tree planting pits in previously prepared soiled / cultivated planting areas. Cultivate and loosen base of pit to 150mm depth. Sides of pit to be broken up. Ensure pits are free draining prior to backfilling.
- Standard Tree Pits to be excavated 800x800x600mm. Thoroughly and evenly incorporated 50L Green-Tech Soil Improver and 150gms ICL Enmag CRF slow release fertiliser into backfill.
- Backfill mixture to be returned around tree roots evenly in layers not exceeding 200mm deep and gently firmed.
- Hedgerows planted into existing soils, avoiding damage to existing retained vegetation.

Mown Lawn Areas

- Spray off and eradicate existing vegetation. Where lawn is established on existing, undisturbed ground, scarify and remove surface vegetation.
- Where lawn is established on re-graded or disturbed ground ensure soils are suitable for seeding. Where imported topsoil is required spread to a depth of 150mm.
- Finished profiles to be evenly graded with flowing profiles, with no abrupt level changes or hollows. All subject to the approval of the CA.
- Incorporate an approved pre-seeding fertiliser into topsoil 3-5 days before seeding and cultivate soil to a fine tilth. Remove all stones and debris.
- Finished settled soil levels 25mm above adjacent surfaces/manholes etc.
- Ensure soils are lightly firmed and at settled depth prior to seeding.
- Sowings densities all as the suppliers recommendations.

Wildflower Meadow Areas

- Spray off and eradicate existing vegetation. Where meadow is established on existing, undisturbed ground, scarify and remove surface vegetation.
- Where lawn is established on re-graded or disturbed ground ensure soils are suitable for seeding. Where soils are required use imported neutral pH *subsoil* spread to 150mm depth.
- Cultivate soil to a fine tilth. Remove all stones and debris.
- Finished settled soil levels 25mm above adjacent surfaces/manholes etc.
- Ensure soils are lightly firmed and at settled depth prior to seeding.
- Seed mix to be Emorsgate, EM1 *Basic General Purpose Meadow Mixture* and Emorsgate, EL1 *Flowering Lawn Mixture* or similar approved wildflower mix.
- Follow the suppliers recommended sowing rates (4g/m²) and aftercare recommendations:

<https://wildseed.co.uk/product/mixtures/complete-mixtures/general-purpose-meadow-mixtures>

ESTABLISHMENT MAINTENANCE & PLANT GUARANTEE

- All planting to be subject to a 5 year defects replacement guarantee period whereby all failed material is to be replaced to original specification. Seeded areas to be subject to a 12 month defects replacement guarantee period.
- All planting areas / tree pits / hedgerows to be kept in a weed free condition.
- Cut back and remove dead heads of herbaceous plant material at the end of each growing season.
- Watering to be undertaken as necessary to ensure good establishment and growth of plants and lawn areas.
- Stakes and ties to be checked and adjusted regularly.
- Litter to be removed from planting beds.
- Pruning to be undertaken as necessary to ensure development of correct form and habit.
- Mown lawn areas to be maintained at approximately 25mm height.
- Groundcover planting to be cut back regularly along kerb lines and path edges.
- Long term maintenance to include removal of tree stakes (circa year 3 after planting), crown pruning as necessary to maintain shape, removal of damaged or diseased branches and addition of slow release fertiliser in Year 2-3 after planting to all planting areas.

Legend

Existing Features

- Pine retained
- Deciduous vegetation retained
- Existing trees & hedgerow removed

Proposed Landscape Features

- Specimen pine tree
- Standard tree planting
- Rhododendron planting
- Native species hedgerow
- Existing hedgerow laid and enhanced with additional planting
- Clipped ornamental hedgerow
- Mixed ornamental planting
- Mown lawn with grass terrace steps
- Wildflower meadow
- Emorsgate, EM1 Basic General Purpose Meadow Mixture
- Mown lawn with flowering species
- Emorsgate, EL1 Flowering Lawn Mixture

Hard Surfaces

- Driveway
- Tar spray with low / medium density rolled in resin coated chipping's.
- Driveway edging to be natural stone blocks.
- Courtyard
- Tar spray with medium / high density rolled in resin coated chipping's
- Stone setts
- 75x75mm laid in running bond, 6mm mortar joints on full mortar bed
- Stone paving flags.
- 600-800mm random gauges / 600-950 random lengths, 6mm mortar joints on full mortar bed
- Loose gravel drainage margin to walls

Walls & Boundaries

- Dry stone walling with stone coping
- Coping to match existing walls to property boundaries
- Metal estate railing
- To make the fence stock proof from sheep and lambs, an 8mm round bar to be spaced equidistant between the bottom rail and rail above, and a further 8mm round bar between the second and third, and third and fourth rail from the bottom

Revision 03. 2023/06/21. 2no. additional pines indicated.

Client

Mr David Green

Project

Pine Lodge, Wentworth

Drawing Title

Planting Plan & Hardworks Layout

Created by MCE Reviewer NR Sheet Size A1 Scale 1:250 Date Created 24.01.23

Drawing No. 132-01-03 Revision 03

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