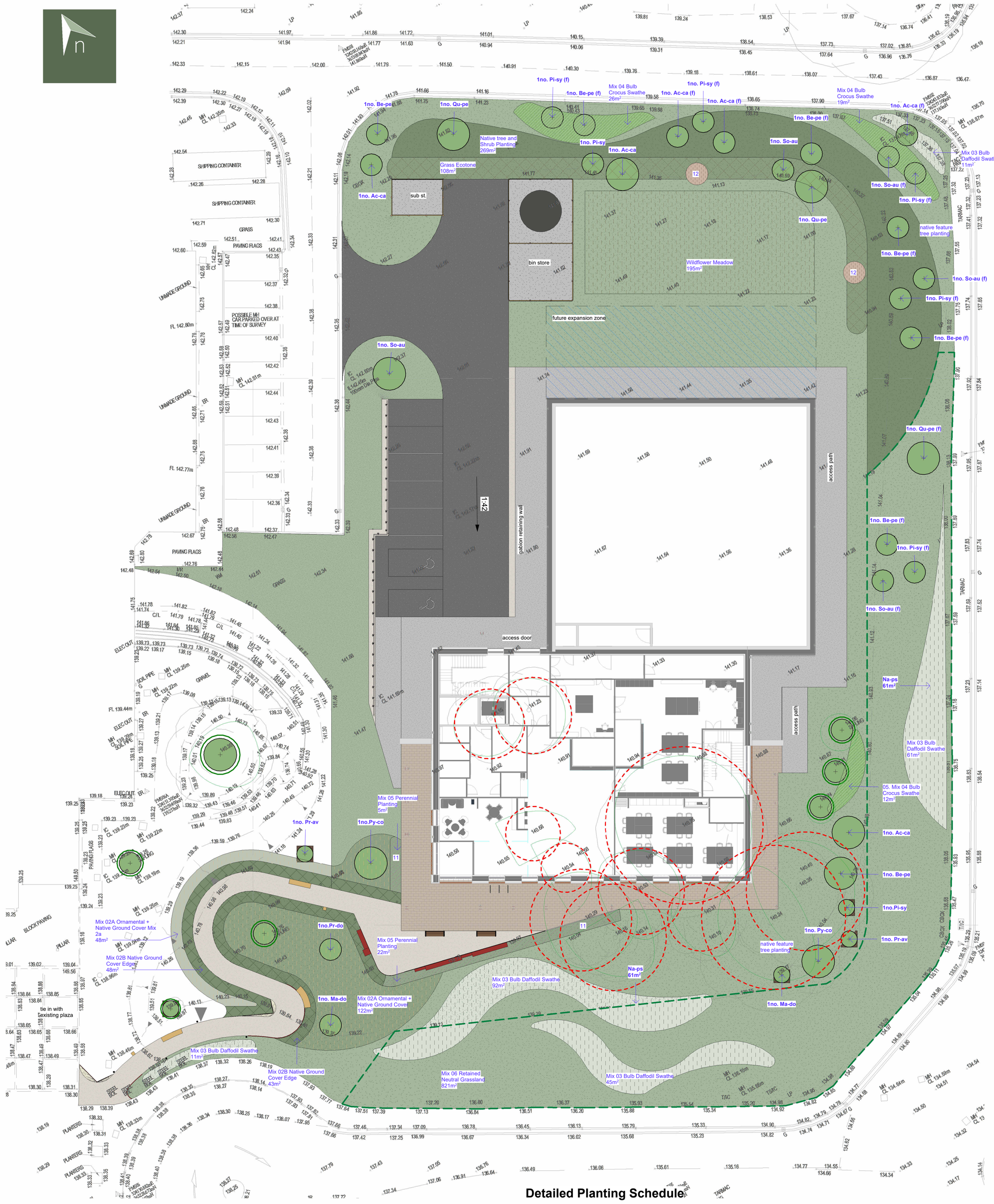


1 Detailed Planting Plan

1 : 200

0m 4m 8m 12m 16m

VISUAL SCALE 1:200 @ A1

Notes

- Drawing is copyright of fenton+reece
- Only labelled dimensions are to be taken from this drawing. Do not scale from this drawing.
- Contractor is responsible for taking and checking all dimensions, below ground services and setting out.
- All elements of design should be checked on site and conflicts reported to responsible designer..**If in doubt ask**

LEGEND

- **Existing Tree with RPA - Retained**
  Refer to Arboriculture Report for more detailed information
- **Existing Tree with RPA - Removed**
  Refer to Arboriculture Report for more detailed information
- **Proposed Tree**
  Refer to Detailed Planting Schedule and Tree Pit Planting Detail for more information
- **MIX 01 Native Tree and Shrub Planting**
  Refer to Detailed Planting Schedule for more detail
  450mm depth clean topsoil with 50mm depth organic bark mulch
- **MIX 02A Ornamental and Native Ground Cover**
  Refer to Detailed Planting Schedule for more detail
  450mm depth clean topsoil with 50mm depth organic bark mulch
- **MIX 02B Native Ground Cover Edge**
  Refer to Detailed Planting Schedule for more detail
  450mm depth clean topsoil with 50mm depth organic bark mulch
- **Mix 03 Bulb Daffodil Swathe**
  Seasonal bulb planting in grassland
  Refer to planting schedule for more detail
- **Mix 04 Bulb Crocus Swathe**
  Seasonal bulb planting in grassland
  Refer to planting schedule for more detail
- **Flowering Lawn Meadow Mix**
  Meadow Grass & Wildflower Seed Mix
  from Meadow Mania or similar approved
- **Grass Ecotone**
  Emorsgate Mix EM10 left uncut to provide long grass areas between meadow and tree, shrub mix areas
- **Mix 05 Perennial Planting**
  Perennial mix for pollinators (Bee Bar)
  Refer to Detailed Planting Schedule for more information
  450mm depth clean topsoil with 50mm depth organic bark mulch
- **Mix 06 Enhanced Retained Neutral Grassland**
  Supplemented with locally sourced native plug planting
  Plugs to be planted naturalistically in same species groups of 10 in drifts (refer to planting schedule for more details)
- **Wildflower Meadow**
  EM1 Basic General Purpose Meadow Mixture or similar approved
  To be mowed once a year
- 10 **Habitat Feature: Pole Mounted Bat Column**
  Pole-mounted Bat Column from Wildbanks or similar approved
- 11 **Habitat Feature: Bee Bar**
  Perennial Planting that attracts pollinators with signage from The Victory Garden of Tomorrow or similar approved
  Refer to Entrance General Arrangement Plan dwg 1501 for more details
- 12 **Habitat Feature: Felled Timber**
  Cut wood from removed trees on site to be retained in deadwood piles
  Refer to Detailed Planting Plan dwg 1501 for more detail

Detailed Planting Schedule

DWG code	Latin Name	Height	Specification	Location	Qty
TREE PLANTING - *see tree pit detail for staking and planting instructions*					
Pr-do	Prunus domestica var. denbigh (Denbigh Plum)		To be specified by local Ian Sturock and Sons supplier	As shown	1
Ma-do	Malus domestica 'Bardsey' (Bardsey Island Apple)		To be specified by local Ian Sturock and Sons supplier	As shown	2
Py-co	Pyrus communis var. Snowdon Queen Pear		To be specified by local Ian Sturock and Sons supplier	As shown	2
Pr-av	Prunus avium (Wild Cherry)	2.5-3m	Standard, 8-10cm girth,1.7-2m clear stem, root balled	As shown	2
Be Pe	Betula pendula	3-3.5m	Selected standard, 10-12cm girth, 1.75-2m clear stem, root balled	As shown	2
Be Pe (f)	Betula pendula	1.75m	Feather, 2x years, 5 breaks, bare root	As shown	5
Qu-pe	Quercus petraea	3-3.5m	Selected standard, 10-12cm girth, 1.75-2m clear stem, root balled	As shown	2
Qu-pe (f)	Quercus petraea	1.75m	Feather, 2x years, 5 breaks, bare root	As shown	1
So-au	Sorbus aucuparia	3-3.5m	Selected standard, 10-12cm girth, 1.75-2m clear stem, root balled	As shown	2
So-au (f)	Sorbus aucuparia	1.75m	Feather, 2x years, 5 breaks, bare root	As shown	3
Pi-sy	Pinus sylvestris	3-3.5m	Selected standard, 10-12cm girth, 1.75-2m clear stem, root balled	As shown	2
Pi-sy (f)	Pinus sylvestris	1.75m	Feather, 2x years, 5 breaks, bare root	As shown	5
Ac-ca	Acer campestre	3-3.5m	selected standard, 10-12cm girth, 1.75-2m clear stem, root balled	As shown	4
Ac-ca (f)	Acer campestre	1.75m	Feather, 2x years, 5 breaks, bare root	As shown	2
	Total				**35**

DWG code	Latin Name	Height	Specification	No. / m2	Mix %	Qty
MIX 01 NATIVE TREE + SHRUB PLANTING - *all to be planted in species groups of 3-5*						
n/a	Cornus sanguinea	90-100cm	1+1 transplant, bare root	0.5	10	**13**
n/a	Crataegus monogyna	90-100cm	1+1 transplant, bare root	0.5	10	**13**
n/a	Euonymous europaeus	90-100cm	1+1 transplant, bare root	0.5	10	**13**
n/a	Rosa canina	90-100cm	1+1 transplant, bare root	0.5	20	**27**
n/a	Sambucus nigra	90-100cm	1+1 transplant, bare root	0.5	20	**27**
n/a	Coryllus avellana	90-100cm	1+1 transplant, bare root	0.5	20	**27**
n/a	Viburnum opulus	90-100cm	1+1 transplant, bare root	0.5	10	**13**
	Total m²	**269**			100	**135**

DWG code	Latin Name	Height	Specification	No. / m2	Mix %	Qty
MIX 02A ORNAMENTAL + NATIVE GROUND COVER						
n/a	Calluna vulgaris	40-60cm	5L container	4	40	**272**
n/a	Erica cinerea	40-60cm	5L container	4	40	**272**
n/a	Pteridium aquilinum	40-60cm	5L container	2	10	**34**
n/a	Asplenium scolopendrium	40-60cm	5L container	2	10	**34**
	Total m²	**170**			100	**612**

DWG code	Latin Name	Height	Specification	No. / m2	Mix %	Qty
MIX 02B NATIVE GROUND COVER EDGE						
n/a	Helianthemum nummularium	20-30cm	2L pot	4	50	**148**
n/a	Thymus polytrichus	20-30cm	2L pot	4	50	**148**
	Total m²	**74**			100	**296**

DWG code	Latin Name	Height	Specification	No. /m²	Mix %	Qty
MIX 03 BULB DAFFODIL SWATHE						
n/a	Narcissus pseudonarcissus (Wild Daffodil)	Bulbs		8	100	**1672**
	Total m2	**209**				**1672**

DWG code	Latin Name	Height	Specification	No. /m²	Mix %	Qty
MIX 04 BULB CROCUS SWATHE						
n/a	Crocus tommasinianus	Bulbs		20	50	**570**
n/a	Crocus speciosus	Bulbs		20	50	**570**
	Total m2	**57**			100	**1140**

DWG code	Latin Name	Height	Specification	No. /m²	Mix %	Qty
MIX 05 PERENNIAL PLANTING [Bee Bar]						
n/a	Erica cinerea	40-60cm	5L container	5	15	**20**
n/a	Bergenia 'Sunningdale'	40-60cm	5L container	5	10	**14**
n/a	Helleborus argutifolius	40-60cm	5L container	5	15	**20**
n/a	Echinacea purpurea 'Ruby Giant'	40-60cm	5L container	5	25	**34**
n/a	Betonica officinalis 'Rosea'	40-60cm	5L container	5	10	**14**
n/a	Rudbeckia fulgida var. deamii	40-60cm	5L container	5	25	**34**
	Total m2	**27**			100	**101**

DWG code	Latin Name	Height	Specification	No. /m²	Mix %	Qty
MIX 06 ENHANCED NEUTRAL GRASSLAND [plugs to be planted naturalistically in same species in groups of 10 in drifts]						
n/a	Primula veris (Common Cowslip)		Plug	3	15	**45**
n/a	Centaurea nigra (Common knapweed)		Plug	3	15	**45**
n/a	Achillea millefolium (Common Yarrow)		Plug	3	5	**15**
n/a	Leucanthemum vulgare (Oxeye daisy)		Plug	3	15	**45**
n/a	Lotus corniculatus (Common Bird's food trefoil)		Plug	3	15	**45**
n/a	Rumex acetosa (Common Sorrel)		Plug	3	5	**15**
n/a	Potentilla reptans (Creeping Cinquefoil)		Plug	3	20	**60**
n/a	Prunella vulgaris (Self-heal)		Plug	3	10	**30**
	Total m2	**100**			100	**300**

DETAILED PLANTING NOTES

BEFORE WORKS & DURING CONSTRUCTION

- The Detailed Planting Notes should be read in conjunction with all landscape drawings
- Existing trees and boundary vegetation to be retained are protected by Tree Protection Fencing prior to any site works. All tree works to be carried out by qualified Tree Surgeon outside of bird nesting season and in line with Arboricultural Report.
- The Landscape Contractor is responsible for checking for any below ground services in the vicinity of the planting works. Give notice of any that may be affected and obtain instructions before proceeding.
- All planting beds to be bare ground, free of grass, weeds, removing all litter debris and stones.
- All container grown plants to be well watered in their container prior to planting
- No planting should occur when the ground is frozen or water logged

British Standards relevant to this development :-

- BS 5837:2012 Trees in relation to design, development and construction - Recommendations.
- BS 8545:2014 Trees: from nursery to independence in the landscape - Recommendations.
- BS 3998:2010 Tree work - Recommendations.
- BS 3936:- 1:1992 Nursery stock - Part 1: Specifications for trees and shrubs.
- BS 3936 : Part 3 : 1990 Nursery stock - Part 3. Specification for fruit plants.

SOIL NOTES

- All softworks areas to be free draining with subbase or ground beneath, all planting areas to be broken up to allow good establishment and key for newroots.
- Refer to soil build up for profiles and depths
- Tree planting to be in accordance with detail provided: Pit bottom excavated existing soil to 150mm. Work soil ameliorant into the bottom of the pit before planting. 10-20mm pea gravel drainage layer above; 100mm depth. After planting, backfill the pit with replaced original soil profiles in accordance with BS 8545.

PLANTING NOTES

- All new tree planting in soft landscaping to be in a 0.5m radius, weed free circle, refer to tree pit detail.
- All new shrub planting is to be planted into a weed free bed a minimum 100mm wider than the planting area, plants to be set at least 150mm back from any fence,wall or edge.
- All new planting pits to ensure sides are loosened avoiding smooth sides.
- All planting mixes to be planted in natural drifts and groups as indicated on planting schedules
- All tree and hedge planting to have Mycorrhizal Fungi with Gel dusted to bareroots and added to pit to encourage healthy root establishment.
- All shrub whips and hedging to have shrub shelter 750mm high x 150mm dia fitted to a 25x25x900mm timber stake, as per manufacturers recommendations.
- All new plants to be thoroughly watered in immediately before planting in containers and after planting.
- All planting beds to be thoroughly mulched inaccordance with details on dwg 1035

PLANTING MAINTENANCE NOTES : In line with agreed maintenance schedule:

- Control weed growth by maintaining a weed free area around each plant during the first few years with mulch woodchip material, all areas topped up to maintain a 50mm depth for the maintenance period. Hand pulling of weeds may be necessary.
- Prune dead and broken branches/shoots.
- Litter picking of all planting beds.
- The proposed planting has been specified to be contextually appropriate species that following the establishment period will thrive without irrigation and will continue to do so in those conditions likely as a result of climate change, i.e. typically warmer and wetter conditions.
- During the first year after planting, it may be necessary to water all plants in prolonged periods of dry weather. This usually occurs during May - September. All planting areas should be watered to field saturation using clean fresh water on a weekly basis in these cases.

REMOVAL OF STAKES AND TIES

- Check stakes and ties. Adjust or replace as necessary during establishment
- All shrub guards, canes and tree stakes should be removed at the end of years 3 following planting.

FORMATIVE PRUNING OF TREES & HEDGES

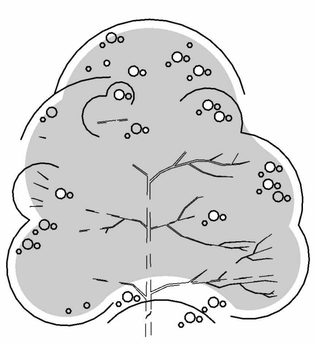
- As young trees grow, remove lower branches gradually to raise the crown and retain a clear stem, remove any branches crossing boundary fences.
- Remove multiple leaders on evergreens and other trees where a single leader is desirable.

SEEDING & WILDFLOWER AREAS

- Management regular cutting in first year between 40mm & 60mm
- Verges to be kept tidy
- Seeding (wildflower areas) To be carried out to areas indicated in the autumn or spring following the first year of grassland establishment
- Prepare wildflower areas by raking to remove thatch and to disturb the surface of the soil.
- Management (wildflower areas) Grass areas to be managed as hay meadow (cut in August and remove arising's)

STANDARD TREE PIT DETAIL WITHIN SOFT

NOT TO SCALE



Rev.	Revision description	Drawn	Checked	Date
P02	Stage 3 Reissue	JL	RF	260424
P01	For Client Comment	JL	RF	260410

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Project
Joint Archives Facility
for Flintshire Denbighshire CC

Title
Detailed Planting Plan

Project Status
RIBA Stage 3

Drawing Number
JAF -FRL -XX -XX -DR -L -1030

Rev.
P02

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