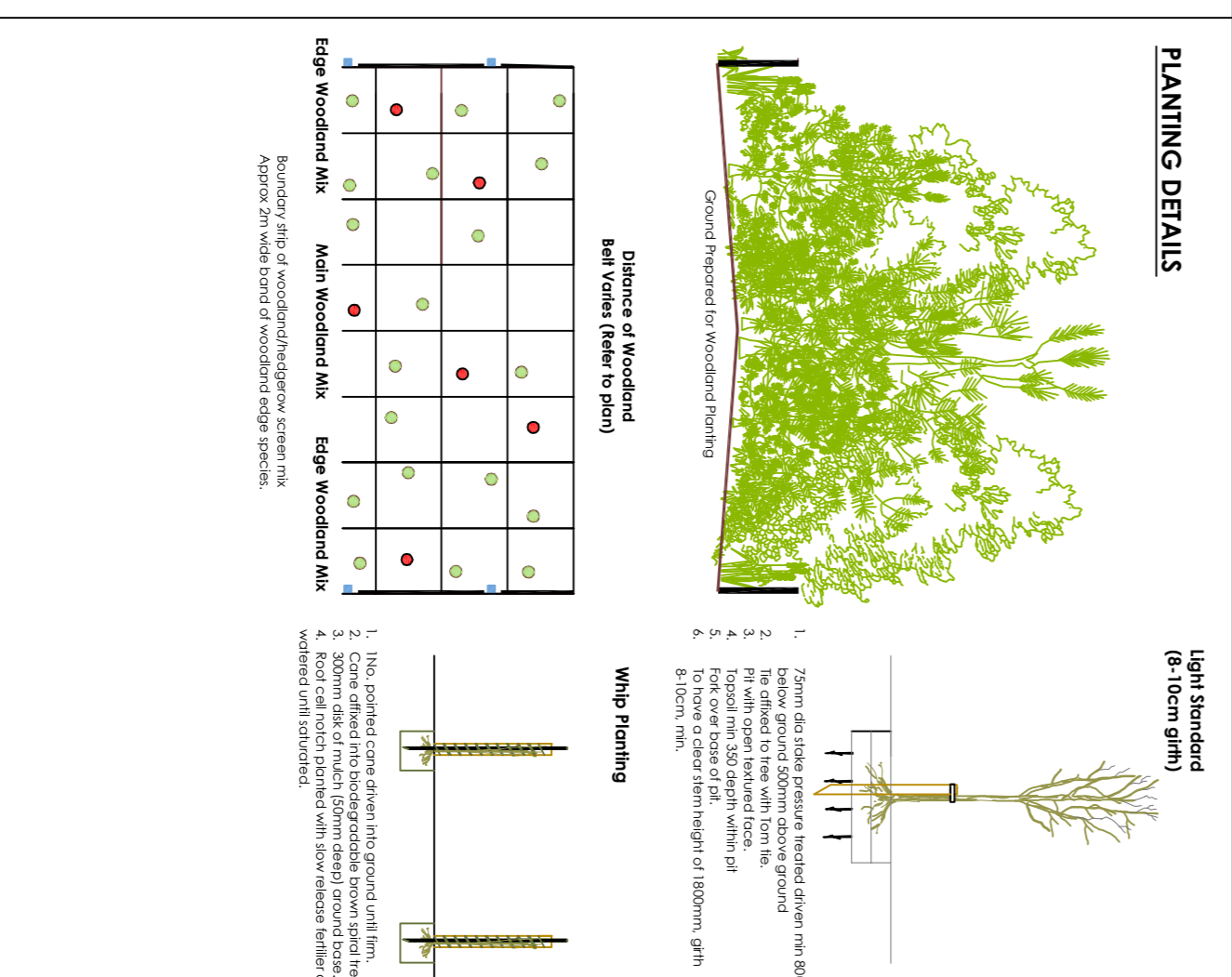


PLANT SCHEDULES

W1 PIONEER WOODLAND MIX				W3 WET WOODLAND MIX			
% SPECIES	COMMON	SIZE	GROWN	% SPECIES	COMMON	SIZE	GROWN
Ps 30	Pinus sylvestris	60-90cm	BR / Call	20	Salix chirerea	40-60cm	BR / Call
Sc 5	Salix chirerea	60-90cm	BR / Call	20	Betula pubescens	40-60cm	BR / Call
Bp 10	Betula pubescens	60-90cm	BR / Call	20	Alnus glutinosa	40-60cm	BR / Call
Bp 10	Betula pubescens	60-90cm	BR / Call	20	Pinus sp. spissa	40-60cm	BR / Call
Ap 20	Acer pseudoplatanus	60-90cm	BR / Call				
Ps 20	Pinus sp. spissa	60-90cm	BR / Call				

Soil Management
 Much of the soil and overburden layers at this site have in the past been stripped and replaced with some pockets of original topsoil remaining in situ. All soils to be utilized for future re-vegetation should be tested for nutrient levels and pH. If necessary, amendments should be made at the time of planting or where areas are available for progressive restoration, should be carefully transported and spread.
Soil Stripping: Stripping should apply guidance from MAF data sheets.
Soil Storage: Location of stripped soils should be agreed on site - Storage beams should be clearly signed & protected. Storage beam height (maximum): 3m. Temporarily seeded with rescue mix to suppress perennial weeds.
Planting: Plants should be topped and banded.
Plant: Select and use vehicles to minimize disturbance, trafficking and compaction.
Contamination: Do not mix topsoil with:
 - Subsoil, stone, hardcore, rubbish or material from demolition work.
 - Multiple handling: Keep to a minimum. Use or stockpile topsoil as soon as possible after stripping.
Water conditions: Handle topsoil in the driest condition possible. Do not handle during or after heavy rainfall or when it is wetter than the plastic limit less 3%, to BS 1377-2.
SEEDING STRATEGIES
 - Seed: 100% cover, 150 mm. - Gently firm each layer before spreading the next.
 - Depth (maximum): 150 mm. - Gently firm each layer before spreading the next.
 - Gross areas: Min 100 to 150mm.
 - Free planted areas: Min 200 to 350mm. - Cump structure: Do not compact topsoil. Preserve a hidden feature of separate visible curbs wherever possible.

Proposed Woodland Planting
 Vectors 1-3 (Establishment)
 Mounthn shrub & woodland areas in a weed free condition (No herbicide application on site).
 Pine minor damage back to healthy wood and check for and treat disease. Cap up to replace damaged or felled plant material in accordance with the original planting specification, which shall form part of the management documentation. Check protective fencing, where used, and maintain in good condition.
 Year 1-10
 As complete merge, remove guards and stakes and cease weed control.
 Thin out weakest specimen if planting becomes overcrowded and start to restrict growth.
 In no, complete specimen removed by qualified professional in autumn to coincide with fungal infection. Do not use for mulch or compost.
 At the end of the period determine if felled to 5m to maintain continued woodland cover beneath.
Proposed Grasslands
Establishment
 - Seed: 100% cover, 150 mm. - Gently firm each layer before spreading the next.
 - Depth (maximum): 150 mm. - Gently firm each layer before spreading the next.
 - Gross areas: Min 100 to 150mm.
 - Free planted areas: Min 200 to 350mm. - Cump structure: Do not compact topsoil. Preserve a hidden feature of separate visible curbs wherever possible.



client: Breedon
 date: Feb 23
 scale: 1:1500 @ A1
 by: pim
 notes:

S1 SCRUB THORN MIX

% SPECIES	COMMON	SIZE	GROWN	TRANSPLANTS
Ue 70	Ulex europaeus	40-60cm	BR	1 + 1 Branched
Ps 30	Pinus sp. spissa	40-60cm	BR	1 + 1 Branched

G1 Nurse Grassland Mixture

% SPECIES	COMMON	SIZE	GROWN	TRANSPLANTS
50%	Festuca ovina	1.5 - 1.8m	As shown	
25%	Festuca rubra	1.5 - 1.8m	As shown	
7.5%	Deschampsia cespitosa	1.5 - 1.8m	As shown	
7.5%	Deschampsia flexuosa	1.5 - 1.8m	As shown	
5%	Agrostis capillaris	1.5 - 1.8m	As shown	
5%	Anthoxanthum odoratum	1.5 - 1.8m	As shown	

Typical Growth Rates (Height/Growth) of Selected Species

SPECIES	COMMON	YEAR 5	YEAR 10	YEAR 25	Maturity
Quercus robur	Oak	3m x 2m	6m x 5m	12m x 6m	25m x 25m
Pinus sylvestris	Scots Pine	2.5m x 1m	6m x 2.5m	8m x 4m	30m x 10m
Betula pubescens	Silver Birch	5m x 3m	8m x 4m	12m x 5m	20m x 10m
Alnus glutinosa	Alder	3m x 2m	5m x 4m	10m x 5m	5m x 5m

Advanced Planning / Line of Sight Sections
 Project: Aughnacille Quarry Extension,
 Fig 9.15
 mullin
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