

Landscape Schedule of Soft Landscape  
Components\_Stage 03  
FNC001 | Site Infrastructure  
Full Sutton 2

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Ministry of  
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## Document History

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P01	17/03/2021	First issue	JBY	MAO
P02	29/04/2021	References to manufacturers removed as per Mace's instruction	SHX	MAO
P03	10/06/2021	Updated for RMA	SHX	MAO
P04	08/07/2021	Woodland mix updated in line with agreement with Planning Consultant and as per Moj's instruction.	SHX	MAO
P05	12/07/2021	Updates to woodland mix species list as per Planning Consultant's comments.	SHX	MAO

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## 1.0 Trees

Ref	Latin Name	Common Name	Size	%	Root Condition	Density
<b>T1. Landscape Type: Entrance Road Tree</b>						
Access road leading to car park						
	<i>Acer campestre</i> 'Elsrijk'	Field Maple	18- 20cmg		CG/RB	Planted as shown
	Depth of topsoil: 1m. Min pit size: 1m <sup>3</sup> Container size: 100-200L Root ball size: 70cm diameter (if planted within planting season root balled tree is acceptable). With 75mm bark mulch cover, double staking, irrigation pipe and 200mm deep gravel drainage layer.		Mini 2m clear stem			
<b>T2. Landscape Type: Car Park Trees</b>						
	<i>Acer campestre</i> 'Streetwise'	Field Maple	18- 20cmg		CG/RB	Planted as shown
	<i>Acer platanoides</i> 'Crimson King'	Purple Leaved Norway Maple	18- 20cmg		CG/RB	Planted as shown
	<i>Sorbus aria</i> 'Lutscens'	Whitebeam	18- 20cmg		CG/RB	Planted as shown
	Depth of topsoil: 1m. Min pit size: 1m <sup>3</sup> Container size: 100-200L Root ball size: 70cm diameter (if planted within planting season root balled tree is acceptable).		Mini 2m clear stem			

Ref	Latin Name	Common Name	Size	%	Root Condition	Density
	With 75mm bark mulch cover, double staking, irrigation pipe and 200mm deep gravel drainage layer.					
<b>T3. Landscape Type: Visual Garden Trees</b>						
In house block visual gardens - prisoner free areas						
	<i>Tilia cordata</i> 'Greenspire'	Small Leaved Lime	12- 14cmg		CG/RB	Planted as shown
	<i>Acer Campestre</i> 'Elsrijk'	Dutch Field Maple	12- 14cmg		CG/RB	Planted as shown
	<i>Acer platanoides</i> 'Drummondii'	Norway Maple	12- 14cmg		CG/RB	Planted as shown
	<i>Catalpa bignonioides</i>	Southern Catalpa	12- 14cmg		CG/RB	Planted as shown
	<i>Crataegus</i> 'Paul's Scarlet'	'Pauls Scarlet' Hawthorn	12- 14cmg		CG/RB	Planted as shown
	<i>Prunus cerasifera</i> 'nigra'	Black Cherry Plum	12- 14cmg		CG/RB	Planted as shown
	<i>Sorbus aucuparia</i> 'Sheerwater Seedling'	'Sheerwater Seedling' Rowan	12- 14cmg		CG/RB	Planted as shown
	<i>Tilia cordata</i> 'Greenspire'	Small Leaved Lime	12- 14cmg		CG/RB	Planted as shown
	Depth of topsoil: 1m. Min pit size: 1m3 Container size: 45-85L Root ball size: 50cm diameter (if planted within planting season root balled tree is acceptable). With 75mm bark mulch cover, double		Mini 2m clear stem			

Ref	Latin Name	Common Name	Size	%	Root Condition	Density
	staking, irrigation pipe and 200mm deep gravel drainage layer.					
<b>T4. Landscape Type: Orchard Trees</b> In the Horticultural Area						
		Provision of open ground for cultivation with grass paths and orchard containing multi-stemmed fruit trees picked from the list below:  Apple: 'Charles Ross' 'Golden Spire' 'Lord Lambourne' 'Sunset'	2yrs		BR	Planted as shown
		Pear: 'Beth' 'Catillac'	2yrs		BR	Planted as shown
		Cherry: 'Morello' 'Stella'	2yrs		BR	Planted as shown
	Depth of topsoil: 1m With 75mm deep bark mulch cover for fruit trees.					

Ref	Latin Name	Common Name	Size	%	Root Condition	Density
		Provision of open ground for cultivation with grass paths and orchard containing the following multi-stemmed fruit trees:  Apple: 'Charles Ross' 'Golden Spire' 'Lord Lambourne' 'Sunset'	2yrs		BR	Planted as shown

## 2.0 Shrubs and Hedges

Ref	Latin Name	Common Name	Size	%	Root Condition	Density
<b>SI. Landscape Type: Ornamental Shrubs Inside Prison</b>						
In house block landscape, CSH courtyards, Faith Garden, planters in Visits Courtyard, and for shrub beds around Central Services Hub building,						
	<i>Caryopteris 'Heavenly Blue'</i>	Bluebeard	3L		CG	3no plants / m2
	<i>Lavandula angustifolia 'Hidcote'</i>	Lavender	3L		CG	4no plants / m2
	<i>Potentilla fruticosa varieties</i>	Shrubby Cinquefoil	3L		CG	3no plants / m2

Ref	Latin Name	Common Name	Size	%	Root Condition	Density
	<i>Rosmarinus officinalis</i>	Rosemary	3L		CG	4no plants / m2
	<i>Salvia officinalis</i> 'Purpurascens'	Purple Sage	3L		CG	4no plants / m2
	<i>Santolina virens</i>	Green Spiraea	3L		CG	3no plants / m2
	<i>Spiraea japonica</i> 'Shirobana'	Japanese Spiraea	3L		CG	4no plants / m2
	<i>Vinca major</i>	Greater Periwinkle	2L		CG	5no plants / m2
	Depth of topsoil: 450mm With 75mm deep bark mulch cover.					
<b>S2. Landscape Type: Ornamental Shrubs</b>						
<b>Outside Prison</b>						
Car Park and Main Entrance						
	<i>Hebe</i> 'Red Edge'	Hebe	3L		CG	3no plants / m2
	<i>Hypericum calycinum</i>	St John's Wort	3L		CG	3no plants / m2
	<i>Lavandula angustifolia</i> 'Hidcote'	Lavender	3L		CG	4no plants / m2
	<i>Lonicera pileata</i>	Privet Honeysuckle	3L		CG	3no plants / m2
	<i>Prunus</i> 'Otto Luyken'	Cherry Laurel	3L		CG	3no plants / m2
	<i>Spiraea japonica</i> 'Anothony Waerer'	Japanese Spiraea	3L		CG	3no plants / m2
	<i>Viburnum davidii</i>	David Viburnum	3L		CG	3no plants / m2



Ref	Latin Name	Common Name	Size	%	Root Condition	Density
	Depth of topsoil: 450mm With 75mm deep bark mulch cover.					
	<b>S3. Landscape Type: Specimen Shrubs</b> In house block landscape planters, in visits courtyard and CSH courtyards.					
	<i>Acer palmatum 'Atrropurpureum' ms</i>	Japanese Maple	80-100cm/10L		CG	Planted as shown
	<i>Betula utilis var jacquemontii ms</i>	Himalayan Birch	80- 100cm		CG	Planted as shown
	<i>Buddleja varieties</i>	Butterfly Bush	80- 100cm		CG	3no plants / m2
	<i>Cornus Sibirica Varieties</i>	Siberian Dogwood	80-100cm/10L		CG	3no plants / m2
	<i>Forsythia intermedia</i>	Forsythia	80-100cm/10L		CG	4no plants / m2
	<i>Syringa varieties</i>	Lilac	80-100cm/10L		CG	3no plants / m2
	Depth of topsoil: Multi-stems: 1m Specimen shrubs: 450mm With 75mm deep bark mulch cover in prisoner free areas. No mulch cover in areas accessible to prisoners. Underground guying and irrigation pipe for multi-stems(ms).					

Ref	Latin Name	Common Name	Size	%	Root Condition	Density
<b>S4. Landscape Type: Ready Hedge</b>						
Faith Garden						
	<i>Carpinus betulus</i>	Hornbeam	120cm	100%	1m trough	1 no / linear m
	<i>Fagus sylvatica purpurea</i>	Copper Beech	120cm	100%	1m trough	1 no / linear m
	<i>Photinia x fraserii 'Red Robin'</i>	Photinia	120cm	100%	1m trough	1 no / linear m
	Depth of topsoil: 450mm With 75mm deep bark mulch cover.					
<b>S5a. Landscape Type: Woodland Planting Type I</b>						
West, north-west and south boundary of the site, outside the prison perimeter security fence						
<b>Tree Species</b>						
	<i>Alnus glutinosa</i>	Alder	10-12cmg	5%	RB	1 no / sq m
	<i>Populus tremula</i>	Aspen	10-12cmg	5%	RB	
	<i>Betula pendula</i>	Silver Birch	10-12cm	10%	RB	
	<i>Acer campestre</i>	Field Maple	10-12cmg	5%	RB	
	<i>Quercus robur</i>	English Oak	60-80cm/1+1	15%	BR	
	<i>Sorbus aucuparia</i>	Mountain-ash / Rowan	60-80cm/1+1	5%	BR	
	<i>Pinus sylvestris</i>	Scots Pine	40-60cm 3L	10%	CG	

Ref	Latin Name	Common Name	Size	%	Root Condition	Density
	<i>Prunus padus</i>	Bird Cherry	60-80cm/1+1	10%	BR	
<b>Shrub Species</b>						
	<i>Sambucus nigra</i>	Elder	60- 80cm/1+1	5%	BR	
	<i>Salix caprea</i>	Goat Willow	60-80cm 0/1	5%	BR	
	<i>Corylus avellana</i>	Hazel	60-80cm/1+1	5%	BR	
	<i>Rosa canina</i>	Dog Rose	60-80cm/1+1	10%	BR	
	<i>Ilex aquifolia</i>	Holly	60-80cm /3L	10%	CG	
	Native shrubs to be planted into 450mm deep topsoil and native trees to be planted in min 1m <sup>3</sup> tree pits. With spiral guards tree/shrub protection. Tree pits to receive 1x1 m mulch mat covers. Water to filled capacity.					
<b>S5b. Landscape Type: Woodland Planting Type 2</b> South-west boundary of the site, outside the prison perimeter security fence						
<b>Tree Species</b>						
	<i>Alnus glutinosa</i>	Alder	18-20cmg	5%	RB/CG	2m centre
	<i>Populus tremula</i>	Aspen	18-20cmg	5%	RB/CG	
	<i>Betula pendula</i>	Silver Birch	18-20cm	10%	RB/CG	

Ref	Latin Name	Common Name	Size	%	Root Condition	Density
	<i>Acer campestre</i>	Field Maple	18-20cmg	5%	RB/CG	
	<i>Quercus robur</i>	English Oak	60-80cm/1+1	15%	BR	
	<i>Sorbus aucuparia</i>	Mountain-ash / Rowan	60-80cm/1+1	5%	BR	
	<i>Pinus sylvestris</i>	Scots Pine	40-60cm 3L	10%	CG	
	<i>Prunus padus</i>	Bird Cherry	60-80cm/1+1	10%	BR	
<b>Shrub Species</b>						
	<i>Sambucus nigra</i>	Elder	60- 80cm/1+1	5%	BR	
	<i>Salix caprea</i>	Goat Willow	60-80cm 0/1	5%	BR	
	<i>Corylus avellana</i>	Hazel	60-80cm/1+1	5%	BR	
	<i>Rosa canina</i>	Dog Rose	60-80cm/1+1	10%	BR	
	<i>Ilex aquifolia</i>	Holly	60-80cm /3L	10%	CG	
	Native shrubs to be planted into 450mm deep topsoil and native trees to be planted in min 1m <sup>3</sup> tree pits. Spiral guards shrub protection to be installed for native shrubs. Tree pits to receive 1x1 m mulch mat covers. Water to filled capacity.					

### 3.0 Grass and Meadows

Ref	Latin Name	Common Name	Size	%	Root Condition	Density
	<p><b>G1. Landscape Type: Amenity Grass</b>            Around the house blocks, along the north edge of the car park and the north edge of the entrance road and in the centre of the site</p>					
	Flowering Lawn Mixture					Sowing rate: 4g/m <sup>2</sup>
	<p>Depth of topsoil: 150mm            Temporary grass areas on slopes steeper than 1in3 to be reinforced with grass matting or similar approved.</p> <p>For temporary grass seeding of large areas low maintenance amenity grass seed mix is acceptable.</p>					
	<p><b>G2. Landscape Type: Wildflower Meadow</b>            Prisoner free areas and perimeter fence clearance zone</p>					
	Lowland Meadow Seed Mix					Sowing rate: 3-5g/m <sup>2</sup>
	<p>Topsoil to be removed prior to seeding.            Reinforced earth slopes steeper than 1 in 3 to be hydroseeded.</p>					

Ref	Latin Name	Common Name	Size	%	Root Condition	Density
<b>G3. Landscape Type: Wetland Meadow</b>						
	Proposed ditch					
	River Floodplain / Water Meadow Mix					Sowing rate: 3-5g/m2
	Topsoil to be removed prior to seeding.					
<b>G4. Landscape Type: Shade Tolerant Grass</b>						
	To the west of the car park between proposed woodland planting and proposed tree planting					
	Woodland Grass Mixture					Sowing rate: 4g/m2
	Depth of topsoil: 150mm Temporary grass areas on slopes steeper than 1in3 to be reinforced with grass matting or similar approved.					

#### 4.0 Other Soft Landscape Components

Ref	Latin Name	Common Name	Size	%	Root Condition	Density
<b>U1. Landscape Type: Bulb Planting</b>						
Entrance garden outside						
	<i>Allium giganteum</i>	Ornamental Onion				10no plants/m2
	<i>Narcissus 'Ice Follies'</i>	Daffodil 'Ice Follies'				15no plants/m2
	<i>Narcissus 'King Alfred'</i>	Daffodil 'King Alfred'				15no plants/m2
<b>U2. Landscape Type: Allotment Plots</b>						
In the Horticultural Area						
	Depth of topsoil: 450mm Timber boards to be installed around the plots					

Topsoil – Existing stockpiled						
	Storage and stockpiling of existing stripped topsoil to be carried out in accordance with BS3882:2015	Prior to spreading all stockpiled topsoil require sampling and analysis in accordance with BS3882:2015. Remedial work / application of fertiliser etc. to be carried out as required based on analysis.				
Topsoil – Imported						
	Imported manufactured topsoil to be sourced to BS3882:2015.	Prior to ordering, delivery and spreading all imported soil require sampling and analysis in accordance with BS3882:2015. Remedial work / application of fertiliser etc. to be carried out as required based on analysis.				