



Proposed native species groundcover planting

 Proposed block paving to the building frontage (detailed by others)

Proposed tarmac to be built at the site
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Proposed concrete to service areas and industrial plant (detailed by others)	
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Proposed 2100mm high close boarded fence (detailed by others)

Proposed 4100mm high acoustic fence (detailed by others)



Proposed 1800mm high
paladin fence
(detailed by others)

PROTECTION OF EXISTING VEG

Existing vegetation to be retained on site shall be protected where necessary during works by 2300mm high mesh panel fencing secured to a scaffold tubing framework with fluorescent tape to the top rail. Protective fencing shall be erected on the canopy drip line wherever possible. Laminated, waterproof A4 signs shall be fixed to the fence posts at 10m intervals bearing the words 'PROTECTED TREE ZONE - NO STORAGE OR OPERATIONS WITHIN FENCED AREA'.

Tracking of machinery, storage of chemicals and building materials shall not be permitted within the protected area. Leaks or spills should be removed immediately and the contaminated soil replaced. No fires shall be lit within 5m of the canopy spread. Any excavation work beneath the canopy spread shall be carried out by hand.

All works affecting trees within the development shall be subject to BS 5837:2015.

RAIN GARDEN MIX SCHEDULE					
Nr	Name	Height/cm	Age	Root	Pot/L
15	Carex elata 'Aurea'			C	1-2L
16	Clethra alnifolia 'Pink Spires'	50-60cm			
23	Cornus alba 'Ivory Halo'	60-80cm	2x	C	2L
11	Hosta sieboldiana			C	1-2L
15	Ligularia veitchiana			C	1-2L
15	Monarda didyma			C	1-2L
23	Panicum virgatum 'Rubrum'			C	1-2L
15	Salix lanata	25-30cm		C	2L
19	Soldago 'Golden Shower'			C	1-2L

All plant material shall conform to BS3936 Parts 1 and 4 and BS 4428. Plants shall be planted into 450mm good quality topsoil incorporating organic compost and slow release fertiliser. All plant material shall comply with BS3882, 1994. Organic matter to be proprietary shrub planting compost, or approved compost derived from recycled organic matter. Slow release fertiliser to be 'Enmag' or similar.

Rev.H: Entrance area updated to site layout P402P (SF)	Jan 26
Rev.G: Adjustment to native mixes (SF)	Jan 26
Rev.F: Clarification of kerb line to car park trees (SF)	July 25
Rev.E: Increase in proposed tree numbers (SF)	June 25
Rev.D: Updated to site layout P402E (SF)	March 25
Rev.C: Updated to site layout P402C (SF)	Jan 25
Rev.B: Updated to site layout P402B (SF)	Nov. 24
Rev.A: Updated to site layout P410C and addition of rain garden (SF)	Nov. 24

SHRUB SCHEDULE

ORNAMENTAL PLANTING SCHEDULE				
Shrub				
Nr	Name	Ht in cm	Pot(L)	Densitv
12	<i>Berberis thunbergii</i> 'Atropurpurea Nana'	20-25cm	3L	5.00
112	<i>Choisya ternata</i> 'Sundance'	30-40cm	3L	5.00
31	<i>Cistus corbariensis</i>	30-40cm	3L	5.00
206	<i>Escallonia</i> 'Red Elf'	30-40cm	3L	5.00
176	<i>Eunonymus fortunei</i> 'Emerald Gaiety'	20-30cm(D)	3L	5.00
177	Hebe 'White Gem'	30-40cm	3L	5.00
31	Hebe 'Youngii'	30-40cm	3L	5.00
44	Hebe albicans 'Red Edge'	20-25cm	3L	5.00
60	<i>Hedera helix</i>	50-60cm	2L	4.00
37	<i>Hypericum calycinum</i>	15-20cm	2L	5.00
134	<i>Lavandula angustifolia</i> 'Hidcote'	20-25cm	3L	5.00
136	<i>Lonicera nitida</i> 'Lemon Beauty'	30-40cm	3L	5.00
51	<i>Lonicera periclymenum</i>	50-60cm	2L	4.00
92	<i>Mahonia aquifolium</i> 'Apollo'	30-40cm	3L	5.00
130	<i>Pachysandra terminalis</i> 'Variegata'	10-15cm	3L	5.00
98	<i>Potentilla fruticosa</i> 'Sunset'	20-30cm(D)	3L	5.00
163	<i>Prunus laurocerasus</i> 'Otto Luyken'	30-40cm	3L	5.00
60	<i>Rosa arvensis</i>	30-40cm	2L	4.00
68	<i>Spiraea japonica</i> 'Goldflame'	30-40cm	3L	5.00
101	<i>Viburnum davidii</i>	20-25cm	3L	5.00
96	<i>Wickstroemia fruticosa</i> 'Lipilis Burnireis'	20-40cm	3L	5.00

All shrub material shall be first quality, sturdy, well rooted non-refrigerated stock with well branched heads and fibrous root systems. Shrubs shall be planted into 450mm depth good quality fibrous topsoil, that complies with BS 3882. Incorporate organic compost and slow release fertiliser in the planting mixture in accordance with all good horticultural practice.

A proprietary geotextile membrane (such as plantex weed control membrane) is to be installed between the soil and mulch of the planted areas, cut with T or X slits to fit around the plants required. All plant material shall be a minimum of 3L pot size unless otherwise specified and conform to BS3936 Part 1 and BS4428. Finished beds shall be lightly forked over and dressed with 50mm depth blue slate mulch.

		NUMBERS REQUIRED
SPECIES	Ht in m	4.5-6.25
	Girth in cm	16-18
Acer campestre 'Elsrijk' (AcE)		4
Betula utilis var. jacquemonti (Buj)		6
Carpinus betulus (Cb)		2
Pyrus calleryana 'Chanticleer' (PcC)		3
Sorbus aucuparia 'Aspenifolia' (SaA)		3

All standard trees to have clear stems to 2.0m minimum above ground level with well developed branching heads with a single, central leader and healthy, fibrous root systems.

Trees in planting beds shall be planted into pits of an appropriate size to accommodate the root system without restriction, backfilled with a 3:1 topsoil: compost mixture and shall be secured to 75mm diameter machine rounded stakes using a double stake and cross bar with tree tie and spacer. Finished height of stakes shall not exceed one third height of staked tree above ground. Trees planted in car park areas will be planted into engineered tree pits with underground guying, irrigation pipe and tree cells. See separate drawing for more information.

NATIVE SHRUB MIX SCHEDULE					
Nr	Name	Height/cm	Age	Root	Pot/L
35	<i>Corylus avellana</i>	40-60cm	1/1	B	
17	<i>Ilex aquifolium</i>	40-60cm		C	3L
43	<i>Prunus spinosa</i>	60-80cm	1/1	B	
17	<i>Rosa arvensis</i>	60-80cm	1/1	B	
26	<i>Sambucus nigra</i>	60-80cm	1/1	B	
35	<i>Viburnum opulus</i>	60-80cm	1/1	B	

NATIVE GROUND COVER MIX SCHEDULE					
Nr	Name	Height/cm	Age	Root	Pot/L
60	<i>Hedera helix</i>	50-60cm		C	2L
51	<i>Lonicera periclymenum</i>	50-60cm		C	2L
60	<i>Rosa arvensis</i>	30-40cm		C	2L

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To be planted at densities shown in species groups of 5 or 9.

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				project Proposed Retail Store	
				WILMSLOW ROAD, RUSHOLME	
				drawing title LANDSCAPE DETAILS	
scale 1:250 @A1		date Sept 24		drawn by MBN	
				drawing no R/2801/1H	