KEY

- Existing tree to be removed
- Existing vegetation to be retained
- Proposed extra-heavy standard (16-18cm girth) planting into car park with tree guard and grille - blue dashed line shows extent of underground soil cells (See pit detail SD/T/57)
- Proposed extra-heavy standard (16-18cm girth)
- Proposed selected standard (10-12cm girth) trees
- Proposed native species light woodland mix planting
- Proposed mixed native species shrub planting
- Proposed ornamental shrub planting
- Proposed species rich grass seed
- Proposed retaining wall detailed by others
- Proposed flagpole detailed by others
- Proposed 2000mm high close boarded timber fence detailed by others
- Proposed 2000mm high paladin fence detailed by others
- Proposed 1100mm high pedestrian guard rail detailed by others

NOTES

All trees to be planted and procured in accordance with BS 8545:2014. The providing nursery shall demonstrate Plant Healthy Certification and/or an adopted biosecurity policy.
Aftercare shall be in accordance with the approved Landscape Management Document.

SOILS

Soils must conform to British Standards:
BS 8601 2013 Subsoil
BS 3882 2015 Topsoil

DEPTHS
The depth of the topsoil spread should not normally exceed 300mm with the following depths of subsoil making up the overall rooting depth:
Grass: 450mm
Shrubs: 600mm
Trees: 900mm

Prior to receiving topsoil the areas should be decompacted.
Care must be taken not to over compact the topsoil during spreading. Where there are groups of trees the 900mm depth of soil should extend to the full area of tree planting and not just the individual tree pits.

PREPARATION AND PLANTING

Organic matter to be proprietary shrub planting compost, or approved compost derived from recycled organic matter.
Slow release fertiliser to be 'Enmag' or similar.

AFTERCARE

TREES AND SHRUBS
1 Provide 30 litres of water per tree during prolonged dry periods and as instructed by the Landscape Architect on site.
2 Keep areas free from weed growth.
3 Annually apply a slow release fertiliser in Spring.
4 Replace all failures.
5 Prune all damaged or broken branches.
6 Top- up mulch as required.
7 Check tree ties and stakes.

PLANTING SCHEDULES

ORNAMENTAL PLANTING SCHEDULE

Nr	Name	Ht in cm	Pot(L)	Density
Herbaceous				
103	Bergenia cordifolia 'Purpurea'		3L	5.00
323	Festuca glauca 'Elijah Blue'		2L	10.00
Shrub				
145	Choisya ternata 'Sundance'	30-40cm	3L	5.00
332	Cornus sanguinea 'Mid-Winter Fire'	40-60cm	3L	5.00
439	Euonymus fortunei 'Emerald Gaiety'	20-30cm(D)	3L	5.00
122	Euonymus fortunei 'Emerald n Gold'	20-30cm(D)	3L	5.00
191	Hebe pinguifolia 'Pagei'	20-30cm(D)	3L	5.00
280	Hebe pinguifolia 'Sutherlandii'	20-25cm	3L	5.00
171	Lavandula angustifolia 'Hidcote'	20-25cm	3L	5.00
318	Lonicera nitida 'Lemon Beauty'	30-40cm		5.00
151	Mahonia aquifolium 'Apollo'	30-40cm	3L	5.00
195	Pachysandra terminalis	20-30cm(D)	3L	5.00
182	Philadelphus 'Manteau d'Hermine'	30-40cm	3L	5.00
94	Photinia x fraserii 'Red Robin'	40-50cm	3L	5.00
361	Prunus laurocerasus 'Otto Luyken'	30-40cm	3L	5.00
170	Rosa 'Swany'		3L	5.00
243	Santolina chamaecyparissus nana	20-25cm	3L	5.00
96	Skimmia japonica 'Rubella'	30-40cm	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.

TREE SCHEDULE

SPECIES	Ht in m	3.0-3.5	4.5-6.25	Min.soil volume requ per pit /m3
	Girth in cm	10-12	16-18	
		NUMBERS REQUIRED		
Acer campestre (Ac)		5	-	15
Acer platanoides 'Deborah' (ApD)		-	5	
Betula albosinensis 'Fascination' (BaF)		-	5	
Betula pendula (Bp)		5	-	
Carpinus betulus 'Frans Fontaine' (CbFF)		-	8	
Prunus padus 'Albertii' (PpA)		-	4	
Sorbus aria 'Majestica' (SaM)		-	5	
Sorbus aucuparia (Sau)		6	-	
Tilia cordata 'Greenspire' (TcG)		-	10	

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 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.
Extra heavy standard trees in hard landscape within tree grilles and guards to be underground guyed. Any trees in or partially within hard surfacing to be planted within tree pits containing the volumes of tree soil denoted in the schedule above.
Underneath hard surfacing a crate system such as StrataCell by GreenBlue Urban, is to be installed. The extent of the pit to be fitted with a tree pit crate system is shown by the blue dashed line. All pits are to be 1m deep.

NATIVE SPECIES PLANTING

LOW NATIVE SHRUB MIX SCHEDULE

Nr	Name	Height/cm	Age	Root	Pot/L
68	Cornus sanguinea	40-60cm	1/1	B	
23	Cytisus scoparius	40-60cm	1/1	B	
23	Hedera helix	40-60cm		C	2L
23	Lonicera periclymenum	60-80cm		C	3L
45	Rosa arvensis	40-50cm	1/1	B	
23	Rosa canina	30-40cm	1/1	B	
23	Rubus fruticosa	40-50cm	1/1	C	2L

NATIVE TREE AND SHRUB MIX SCHEDULE

Nr	Name	Height/cm	Age	Root	Pot/L
49	Acer campestre (Feathered)	150-175cm		B	
32	Betula pendula	60-80cm	1/1	B	
65	Cornus sanguinea	40-60cm	1/1	B	
49	Corylus avellana	40-60cm		B	
16	Hedera helix	40-60cm		C	2L
16	Lonicera periclymenum	60-80cm		C	3L
32	Prunus spinosa	40-60cm		B	
14	Sambucus nigra	60-80cm	1/1	B	
32	Sorbus aucuparia	60-80cm	1/1	B	

All plant material shall conform to BS3936 Parts 1and 4 and BS 4428. Transplants to be planted into prepared ground, containing a minimum depth of 450mm depth topsoil complying with BS3882, 1994 and incorporating organic matter and slow release fertiliser.
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.F: Updated to site layout S4 - P2 + 5 additional trees (SF)	Jan 23
Rev.E: Updated to site layout S3- P4 (SF)	Jan 23
Rev.D: Updated to site layout S3- P2 (SF)	Sept 22
Rev.C: Further trees added (SF)	August 22
Rev.B: Updated to site layout 7579-00-2003-A3-C2 (SF)	July 22
Rev.A: Minor amends to annotation (SF)	February 22

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project
Proposed Retail Store

CROSS KEYS LANE,
HOYLAND

drawing title
LANDSCAPE DETAILS

scale	date	drawn by	drawing no
1:250 @A0	Jan 22	CS	R/2566/1F