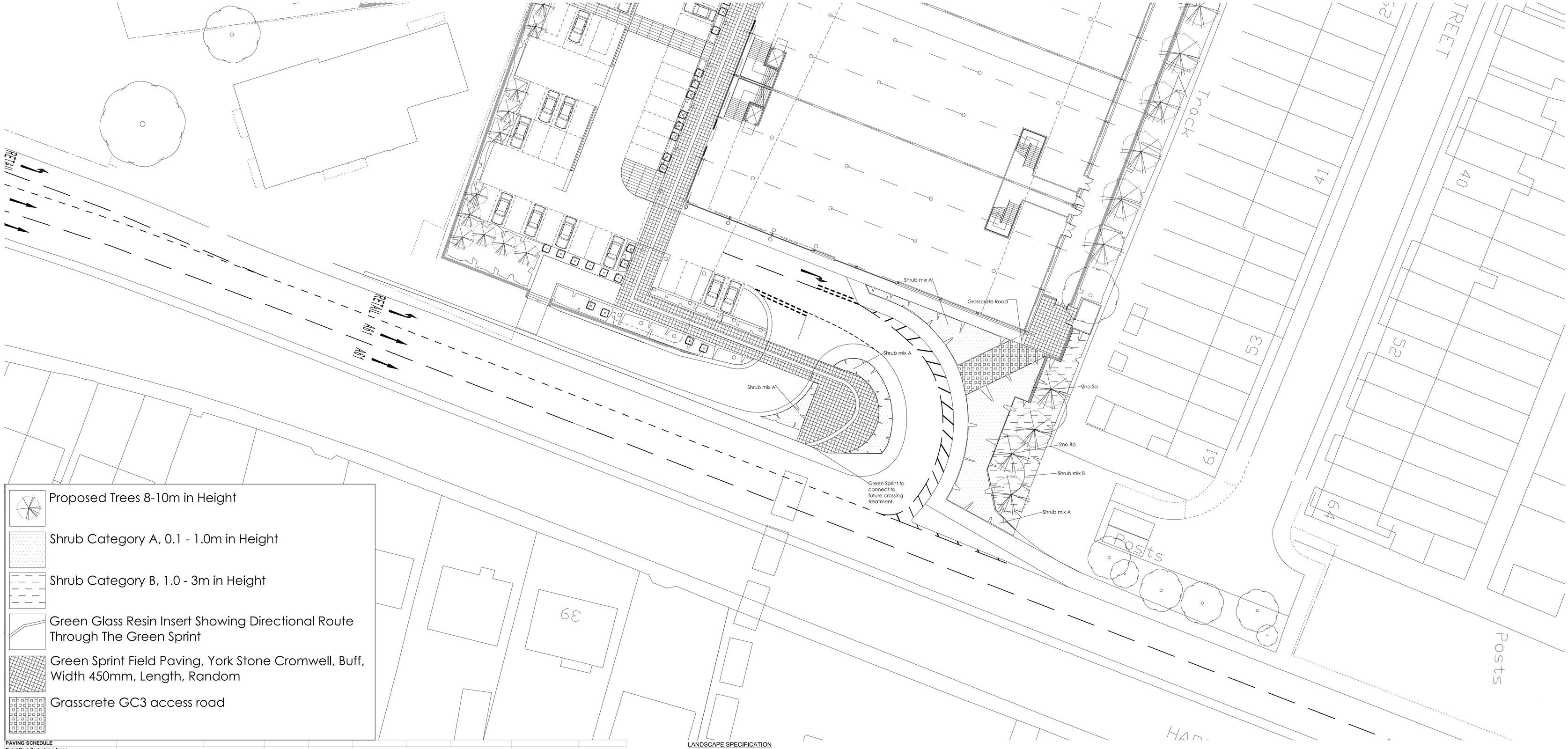


Proposed Trees 8-10m in Height

Shrub Category A, 0.1 - 1.0m in Height

Shrub Category B, 1.0 - 3m in Height

Green Glass Resin Insert Showing Directional Route Through The Green Sprint

Green Sprint Field Paving, York Stone Cromwell, Buff, Width 450mm, Length, Random

Grasscrete GC3 access road

PAVING SCHEDULE

Retail Park Pedestrian Areas

Application	Name	Plan Size (mm)	Thickness (mm)	Edge	Pack Size (m²)	BS Size	Unit Weight (Kg approx)	Pack Weight (Kg approx)	Ref No
Field Paving, Main pedestrian traffic areas	Conservation - Harvest Buff	450x450	50	Chamfered	8.1	E50	23	920	FL2702250
Border Paving, Bordering buildings and pathways	Conservation setts Small - Silver Grey	100x100	100	\	5.24	\	2.4	1210	FL9906400
Border Paving, Bordering buildings and pathways	Conservation Setts, Medium - Silver Grey	150x100	100	\	5.21	\	3.6	1210	FL9906350
Tactile Paving									
Blister Paving									
Use on dropped kerbs and crossing points	Blister	400x400	65	\	\	\	24	672	FL6100500
Use above and below step hazzards	Hazzard Warning	400x400	50	\	5.8	\	19	684	FL6160550

Kurbs	Name	Size	No per Circle	Length (mm)	Weight (kg)	Ref No
Edging to road surface	Conservation kerb - Silver Grey	\	\	600	55	RK65000
"	Drop Kerbs LH - Silver Grey	145 x 255 x145	\	\	68	RK8000010
"	Drop Kerbs RH - Silver Grey	145 x 255 x145	\	\	68	RK8000020
"	Radius Kerb (external) - Silver Grey	2m	4	780	83	RK6505200

Green Sprint Paving

Application	Name	Colour	Width mm	Lengthmm
Field Paving along Green Sprint	Yorkstone - Cromwell	Buff	450	Random
Border Paving	Granite	Silver Grey	450	600

Kerbs	Name	Size	No per Circle	Length (mm)	Weight (kg)
Drop Kerbs	Bespoke Granite Black Flame LH	145 x 255 x145	\	\	\
	Bespoke Granite Black Flame RH	145 x 255 x145	\	\	\

Planting Schedule

Name	Abb	Height	Root	Container	Habit	Breaks			Density
Shrubs A, 0.1 - 1.0mm									
Berberis julianiae	Bj	30-40	C	5L	Bushy	3			4/m²
Euonymous fortunei 'Emerald Gaiety'	EfEG	20-30(D)	C	5L	Bushy	7			4/m²
Hebe 'Red Edge'	HRE	30-40	C	5L	Bushy	7			4/m²
Lavandula angustifolia 'Hidcote'	LaH	30-40	C	5L	Bushy	7			4/m²
Santolina incana	Si	20-30	C	5L	Bushy	4			4/m²
Spiraea japonica 'Little Princess '	SjLP	40-60	C	5L	Bushy	7			4/m²
Spiria nipponica 'Snowmound'	SnS	40-60	C	5L	Branched	5			4/m²
Elaeagnus pungens 'Maculata'	Ep								4/m²
Hebe pinguifolia 'Pagei'	HpP	40-60	C	15L	Bushy	13			4/m²
Hebe 'Mrs Winder'	HMW	30-40	C	15	Bushy	13			4/m²
Skimmia japonica 'Rubella'	SjR	40-60	C	5L	Bushy	5			4/m²
Spiraea japonica 'Goldflame'	SjG	40-60	C	5L	Bushy	5			4/m²
Viburnum opulus	Vo	40-60	c	5l	Branched	4			4/m²
Shrubs B, 1.0 - 3.0									
Eleagnus x ebbingei 'Limelight'	EeL	30-40	C	5L	Branched	3			3/m²
Pyracantha 'Golden Charmer'	PGC	40-60	C	5L	Leader with Laterals	8			3/m²
Sambucus racemosa 'Plumosa Aurea'	SrPA	40-60	C	5L	Branched	3			3/m²
Viburnum tinus	Vt	40-60	C	10L	Bushy	7			3/m²
Prunus laurocerasus	Pl	60-80	C	7L	Bushy	3			3/m²
Prunus lusitanica	Plu	80-100	C	10L	Bushy	6			3/m²
Viburnum davidii	Vd	30-40	C	5L	Bushy	4			3/m²
Aucuba japonica Varigata	AjV	40-60	C	10L	Bushy	6			3/m²
Pyracantha 'Orange Glow'	POG	40-60	C	2L	Leader with Laterals	2			3/m²
Cotoneaster simonsii	Csi	40-60	C	5L	Branched	3			3/m²
Phormium tennax	Pt	\	C	10L	Double Crown	\			Item
Native Trees	**Abb.**	**Form**	**Age**	**Girth**	**Height (cm)**	**Clear stem**	**Root**	**Breaks**	
Betula pendula	Bp	Standard (Selected)	2x	10 to 12	300-350	Min 200	RB	4	Item
Sorbus aucuparia	Sau	Standard (Selected)	2x	8 to 10	250-300	Min 200	B	3	Item

LANDSCAPE SPECIFICATION

NOTE: All soft landscapeworks to be carried out in accordance with BS4428:1989.

TOPSOIL
To be supplied and spread by the main contractor to the approval of the Landscape contractor, in accordance with BS 3882 :1994. To be a natural sandy loam, of medium texture, with a pH between 5.5 and 7.8, not more than slightly stony and free of pernicious weeds. Subsoil to be well broken up prior to top-soiling to relieve compaction. Topsoil depths should be:
Areas for Grass: 150mm
Areas for Ornamental Shrub Planting: 450mm

CULTIVATION
Weeds to be prevented from seeding or becoming established by applying a suitable herbicide and allowing the correct time to elapse, as directed by the manufacturer. Compacted soil to be broken up to a depth of 100mm, with any stones, grass tufts or rubbish larger than 50mm in any direction to be removed, leaving a regular and even surface. Suitable slow release fertiliser to be supplied and spread @ 50g/m2 to all planted areas.

SOIL AMELIORANT
Spent Mushroom compost containing only well rotted manure to be spread over ornamental shrub beds @ 50mm deep prior to cultivation.

TREES
All trees within shrub beds to be planted in separate pits.

Trees to be backfilled with topsoil : tree planting compost 1:6 by volume. All plant material to comply with BS 3936 Part 1 :1992, be obtained from a nursery certified by the HTA and transported to site in accordance with the HTA Plant Handling Guide: 1996. All trees to be planted to the original root collar and double-staked with 2 no. 1.65m x 75mm softwood stakes, pressure treated with non-toxic preservative. A crossbar to be nailed to stakes and tree secured to crossbar with tie and spacer.

Trees in hard areas to be secured with an underground guying system and backfilled with a proprietary tree soil.

SHRUB PLANTING
All shrubs to be positioned as shown on the drawing and to the density and specification listed in the plant schedule. Planting holes to be 150mm wider than the root spread, have the base ground thoroughly broken up before planting and backfilled with compost.

MULCH
50mm depth of 8-35mm ornamental bark mulch to be supplied and spread to all planting areas.

MAINTENANCE
All planting areas to be maintained to a high standard for 12 months after practical completion, to ensure the landscape scheme is successful, and discourage decline of the area. The site is to be visited at minimum once per month. Any defects or plant losses occuring in the first 12 months to be replaced at the contractors expense. All planting beds to be re-firmed and kept weed free through hand weeding and application of approved herbicide where appropriate. The specified thickness of mulch is to be maintained. The condition of all trees is to be regularly checked, with ties and stakes adjusted or replaced as necessary. Shrubs to be pruned at appropriate times of year to promote healthy growth and desirable ornamental features. All arisings to be removed.

MIXES: To be arranged in groups of 3, 5&7 with no two groups of the same species touching.

Revisions

Project Title	Proposed Retail Development Harborough Hill Road Barnsley	Drawing Title	Landscape Plan Highway
		Job-Dwg-No	VL6935 Rev
Client	RWE npower		
Status	PLANNING		
Scale	1:200	Drawing Size	A0
Drawn By	GB	Checked By	Date March 09

vector design concepts
LANDSCAPE DESIGNERS
4 ST JOHNS NORTH, WAKEFIELD, WF1 3QA. TEL 01924 332056
web:www.vectordc.com email:georgebarnes@vectordc.com

CAD file reference V:/6000-7000/6935