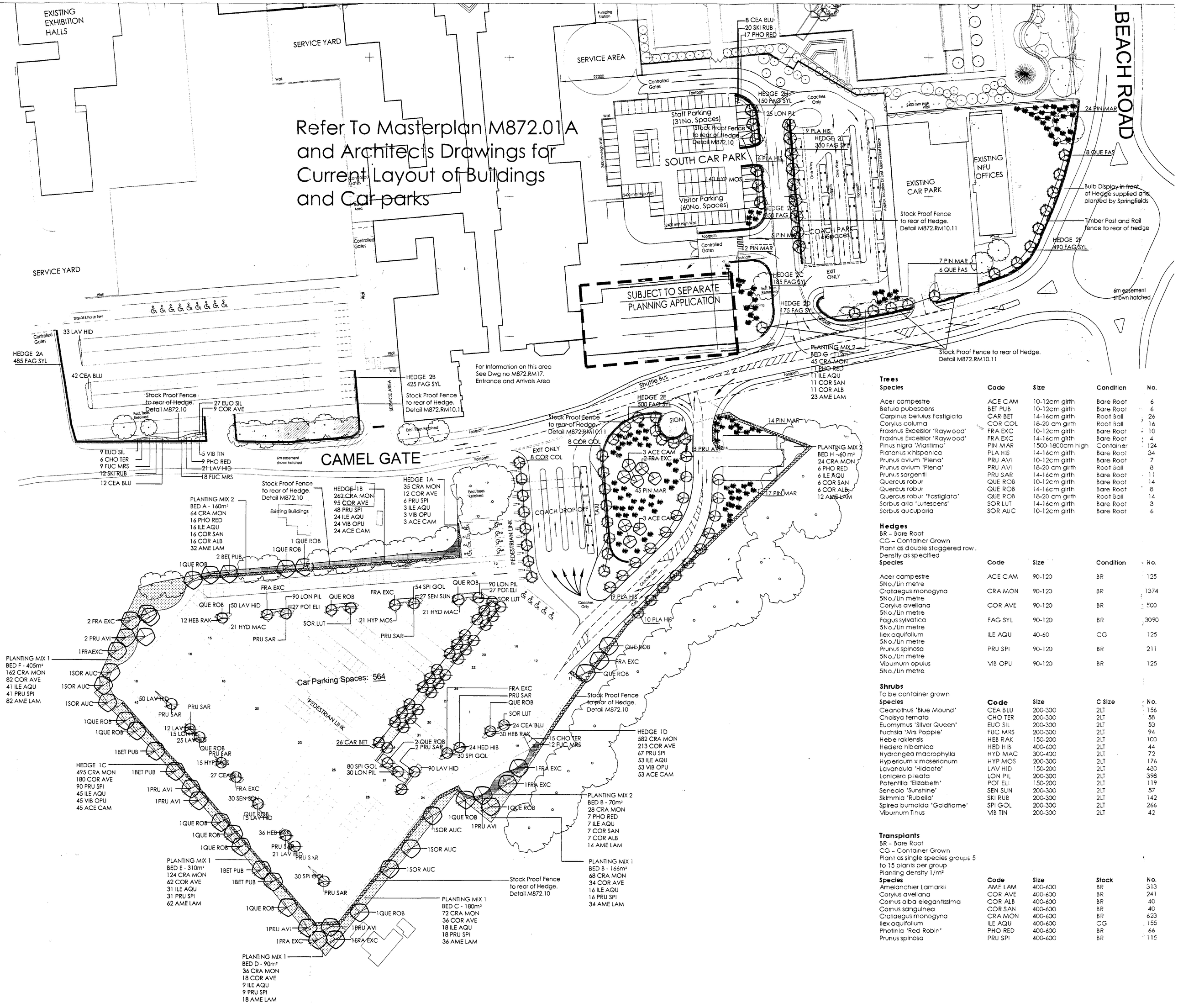



KEY

- Existing trees to be retained
- Proposed Extra Heavy Standard Trees Sizes 18-20 Cm Girth Refer to Schedule
- Proposed Trees Size 14-16
- Proposed Trees Size 10-12
- Conifer Spp
- Proposed Hedge Type 1 Size 400-600 Double staggered rows 5/lm
  Crataegus monogyna 55% Corylus avellana 20% Prunus spinosa 10% Ilex aquifolium 5% Viburnum opulus 5% Acer campestre 5%
- Proposed Hedge Type 2 Size 400-600 Fagus sylvatica
- Planting Mix 1 Planting density 1/m² Plant as single species groups 5-15 plants per group Crataegus monogyna 40% Corylus avellana 20% Ilex aquifolium 10% Prunus spinosa 10% Amelanchier lamarckii 20%
- Planting Mix 2 Planting density 1/m² Plant as single species groups 5-15 plants per group Crataegus monogyna 40% Cornus sanguinea 10% Photinia x Red Robin 10 % Ilex aquifolium 10% Cornus alba elegantissima 10% Amelanchier lamarckii 20%
- Ornamental Shrub Beds
- Proposed grassed areas Fine quality seeded lawn turf laid in accordance with BS 3969. Allow 150mm min clean depth of topsoil to BS 3882

NOTES
All planting Beds and base of Hedges to be mulched with approved Amenity Grade Pine Bark to 75mm depth.

All Hedges to have Stockproof Fence to Detail M872.RM10.11 to rear of Hedgeline.

**Trees**

| Species | Code | Size | Condition | No. |
|---|---|---|---|---|
| Acer campestre | ACE CAM | 10-12cm girth | Bare Root | 6 |
| Betula pubescens | BET PUB | 10-12cm girth | Bare Root | 6 |
| Carpinus betulus Fastigiata | CAR BET | 14-16cm girth | Root Ball | 26 |
| Corylus columa | COR COL | 16-20 cm girth | Root Ball | 16 |
| Fraxinus Excelsior 'Raywood' | FRA EXC | 10-12cm girth | Bare Root | 10 |
| Fraxinus Excelsior 'Raywood' | FRA EXC | 14-16cm girth | Bare Root | 4 |
| Pinus nigra 'Maritima' | PIN MAR | 1500-1600cm high | Container | 124 |
| Platanus x hispanica | PLA HIS | 14-16cm girth | Bare Root | 34 |
| Prunus avium 'Plena' | PRU AVI | 10-12cm girth | Bare Root | 7 |
| Prunus avium 'Plena' | PRU AVI | 16-20 cm girth | Root Ball | 8 |
| Prunus sargentii | PRU SAR | 14-16cm girth | Bare Root | 11 |
| Quercus robur | QUE ROB | 10-12cm girth | Bare Root | 14 |
| Quercus robur | QUE ROB | 14-16cm girth | Bare Root | 8 |
| Quercus robur 'Fastigiata' | QUE ROB | 16-20 cm girth | Root Ball | 14 |
| Sorbus aria 'Lutescens' | SOR LUT | 14-16cm girth | Bare Root | 3 |
| Sorbus aucuparia | SOR AUC | 10-12cm girth | Bare Root | 6 |

**Hedges**
BR – Bare Root
CG – Container Grown
Plant as double staggered row.
Density as specified

| Species | Code | Size | Condition | No. |
|---|---|---|---|---|
| Acer campestre 5No./Lin metre | ACE CAM | 90-120 | BR | 125 |
| Crataegus monogyna 5No./Lin metre | CRA MON | 90-120 | BR | 1374 |
| Corylus avellana 5No./Lin metre | COR AVE | 90-120 | BR | 500 |
| Fagus sylvatica 5No./Lin metre | FAG SYL | 90-120 | BR | 3090 |
| Ilex aquifolium 5No./Lin metre | ILE AQU | 40-60 | CG | 125 |
| Prunus spinosa 5No./Lin metre | PRU SPI | 90-120 | BR | 211 |
| Viburnum opulus 5No./Lin metre | VIB OPU | 90-120 | BR | 125 |

**Shrubs**
To be container grown

| Species | Code | Size | C Size | No. |
|---|---|---|---|---|
| Ceanothus 'Blue Mound' | CEA BLU | 200-300 | 2LT | 156 |
| Choisya ternata | CHO TER | 200-300 | 2LT | 58 |
| Euomymus 'Silver Queen' | EUO SIL | 200-300 | 2LT | 53 |
| Fuchsia 'Mrs Poppie' | FUC MRS | 200-300 | 2LT | 94 |
| Hebe rakiensis | HEB RAK | 150-200 | 2LT | 100 |
| Hedera hibernica | HED HIB | 400-600 | 2LT | 44 |
| Hydrangea macrophylla | HYD MAC | 300-400 | 2LT | 72 |
| Hypericum x moserianum | HYP MOS | 200-300 | 2LT | 176 |
| Lavandula 'Hidcote' | LAV HID | 150-200 | 2LT | 480 |
| Lonicero pileata | LON PIL | 200-300 | 2LT | 398 |
| Potentilla 'Elizabeth' | POT ELI | 150-200 | 2LT | 119 |
| Senecio 'Sunshine' | SEN SUN | 200-300 | 2LT | 57 |
| Skimmia 'Rubella' | SKI RUB | 200-300 | 2LT | 142 |
| Spirea bumalda 'Goldflame' | SPI GOL | 200-300 | 2LT | 266 |
| Viburnum Tinus | VIB TIN | 200-300 | 2LT | 42 |

**Transplants**
BR – Bare Root
CG – Container Grown
Plant as single species groups 5 to 15 plants per group
Planting density 1/m²

| Species | Code | Size | Stock | No. |
|---|---|---|---|---|
| Amelanchier Lamarkii | AME LAM | 400-600 | BR | 313 |
| Corylus avellana | COR AVE | 400-600 | BR | 241 |
| Cornus alba elegantissima | COR ALB | 400-600 | BR | 40 |
| Cornus sanguinea | COR SAN | 400-600 | BR | 40 |
| Crataegus monogyna | CRA MON | 400-600 | BR | 623 |
| Ilex aquifolium | ILE AQU | 400-600 | CG | 155 |
| Photinia 'Red Robin' | PHO RED | 400-600 | BR | 66 |
| Prunus spinosa | PRU SPI | 400-600 | BR | 115 |

Revision C 25.07.02 SB Update coach park layout.
Revision B 20.07.02 PGG Update coach park layout.
Revision A - 28.06.02 PGG Additional shrub planting to replace some grass areas and amendment to schedule

Car Park Planting Plan

SMDC Planning Department 30 JUL 2002 Ref

Springfields Festival Gardens, Factory Outlet Centre, Spalding

For: Thornfield Properties

M872.RM12C 1:500 March 2002

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DETERMINED PLAN

1:500

SURVEY PREPARED by

FORMBY SURVEYS LIMITED
9 Osbourne Road
Formby
Merseyside
L37 6AR
Tel 01704 831482

SURVEY COMMISSIONED by

WATSON & BATTY ARCHITECTS LTD
1-3 Town Gate
Guiseley
Leeds
LS20 9JB
Tel 01943 876665

(REMOVE ALL TREES MARKED WITH RED WITHIN SHOWCASE GARDEN AREA - REMOVE STUMPS WITHIN SHOWCASE GARDEN AREA)

(REMOVE ALL TREES MARKED WITH RED WITHIN WOODLAND BELT - CUT TO LOW STUMPS)

REFER TO DRAWING INT 872.24 FOR DETAILS OF TREE VEGETATION REMOVAL IN THIS AREA.

(RETAIN)

RETAIN

RETAIN

RETAIN ALL TREES IN HATCHED AREA.

RETAIN TREES INDICATED WITH YELLOW MARKER PAINT

RETAIN

(RETAIN)

RETAIN ALL TREES + SHRUBS IN HATCHED AREA.

RETAIN ALL TREES + SHRUBS ON ISLAND EXCEPT... REMOVE ALL CONIFERS (EXCEPT SPRUCE) + REMOVE GOAT WILLOW

RETAIN

RETAIN

RETAIN ALL EXCEPT LABURNUM.

3450N 3400N 3350N 3300N 3250N 3200N 3150N 3100N

3200N 3150N 3100N

1/500

**Note**

THIS DRAWING SHOWS ADDITIONAL TREES TO BE RETAINED (ADDITIONAL TO THOSE SHOWN ON DRAWING INT 872.07)

| rev | date | rev by | comments |
|---|---|---|---|

Interserve Building

Interserve Building Ltd
East Midlands Regional Office
Windsor House
Troon Way Business Centre
Humberstone Lane
N/ Thurmaston
Leicester
LE4 9HA

Additional Trees to be retained. (Main Garden)

Springfields Festival Gardens &
Factory Outlet Centre, Spalding

| dwg no | scale | date | drawn by | checked by |
|---|---|---|---|---|
| M872.RM23 | 1:500 | May2003 | NW | PGG |

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3450N

3400N

3350N

A16

Indicative Area of Japanese Garden by Sansui Design. Final Levels and Quantities to be supplied to Major Contractor by Sansui Design.

FFL 3.45

rev | date | rev by | comments

Interserve Building

Interserve Building Ltd
East Midlands Regional Office
Windsor House
Troon Way Business Centre
Humberstone Lane
N Thurmaston
Leicester
LE4 9HA

Mound to A16 Boundary - Setting Out

Springfields Festival Gardens
Factory Outlet Centre, Spaldin

| dwg no | scale | date | drawn by | check by |
|---|---|---|---|---|
| INT872.25 | 1:200 | July 2003 | PGG | |

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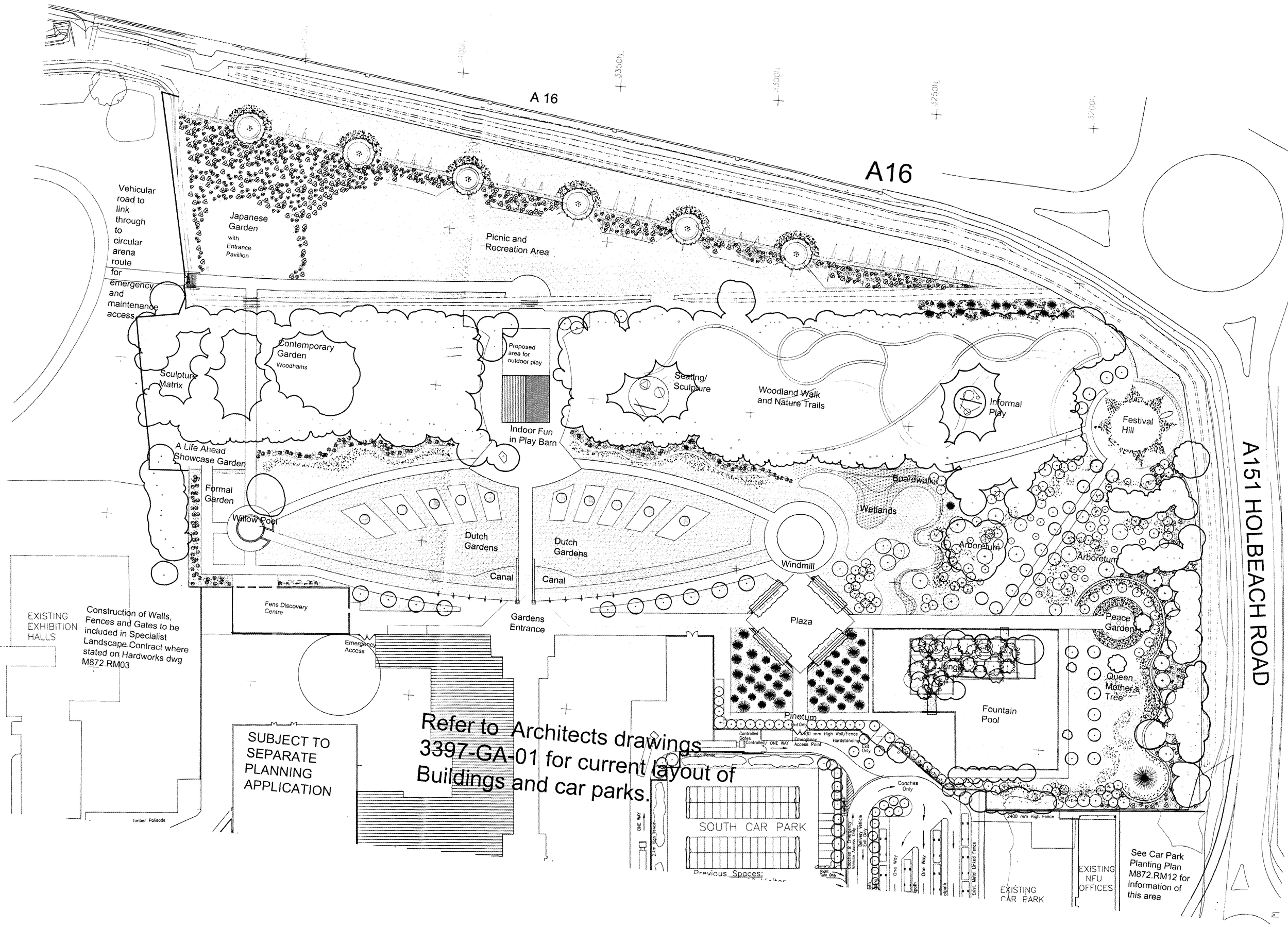
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TO BE READ WITH THE FOLLOWING DRAWINGS:

M872.RM03 Hardworks Layout
M872.RM03.01 Hardworks: Detail Areas
M872.RM04 Earthworks Layout
M872.RM05 Earthworks Sections
M872.RM07 Tree Works
M872.RM08 Planting Plan
M872.RM10 Details
M872.RM12 Car Park Planting Plan
M872.RM17 Entrance and Arrivals Area

**FESTIVAL HILL**
Prominent corner feature with animated displays
Refer to Earthworks Layout and Sections M872.RM04&RM05

**INDOOR FUN STRUCTURE**
Indoor play centre set within existing woodland. To include facilities, toilets, info etc
Refer to Architects drawings.

**WILLOW POOL**
Pool located at end of canal and next to mature willow tree. Access point to Formal Gardens.

**ISLAND JUNGLE**
Lush exotic planting set within areas of deck and boardwalk
Refer to Planting Plan M872.RM08

**PINETUM**
Formal Pinetum set within bed of slate mulch
Refer to Hardworks Layout and Planting Plan M872.RM03&RM08

**WETLAND AREA**
informal water bodies, timber boardwalks, reed beds and marginal planting
Refer to Planting Plan M872.RM08

**FOUNTAIN POOL**
Existing water pool to be refurbished and upgraded to create formal water feature and fountain display with areas of poolside decking

**CANAL**
Formal canal with Dutch style bridge crossings
Refer to Hardworks Layout M872.RM03

**EXISTING TREES TO BE PROTECTED**
Existing tree groupings to remain refer to tree Works dwg M872.RM07

**PROPOSED BOUNDARY TREATMENTS**
2.3M High Timber fences.
Refer to Hardworks Layout M872.RM03 and Detail M872.RM10.10

**PROPOSED BOUNDARY TO FORMAL GARDEN**
2.5M High Wall
Refer to Hardworks Layout M872.RM03 and Detail M872.RM10.10A

**PRIMARY PATHS**
Primary pedestrian circulation. Insitu bound surface dressing finish. Path widths vary dependant on hierarchy of access refer to Hardworks layout M872.RM03

**PLAZAS AND MEETING POINTS**
High quality unit paving finish with landing pad for hot air balloon ride
Refer to Hardworks Layout M872.RM03and M872.RM03.01

**SHRUBS AND NATIVE WHIP PLANTING**
Range of specialist shrubs and native informal planting.
Refer to Planting Plan M872.RM08

**PROPOSED TREES**
Proposed deciduous trees planted in formal arrangements.
Refer to Planting Plan M872.RM08

**PROPOSED TREES**
Range of proposed coniferous trees planted in formal arrangements and in groups.
Refer to Planting Plan M872.RM08

**PROPOSED TREES**
Range of deciduous trees planted in informal groupings.
Refer to Planting Plan M872.RM08

**DISPLAY**
Year round floral displays and topiary.
Refer to Planting Plan M872.RM08

**BULB DISPLAYS**
Year round floral displays.
Refer to Planting Plan M872.RM08

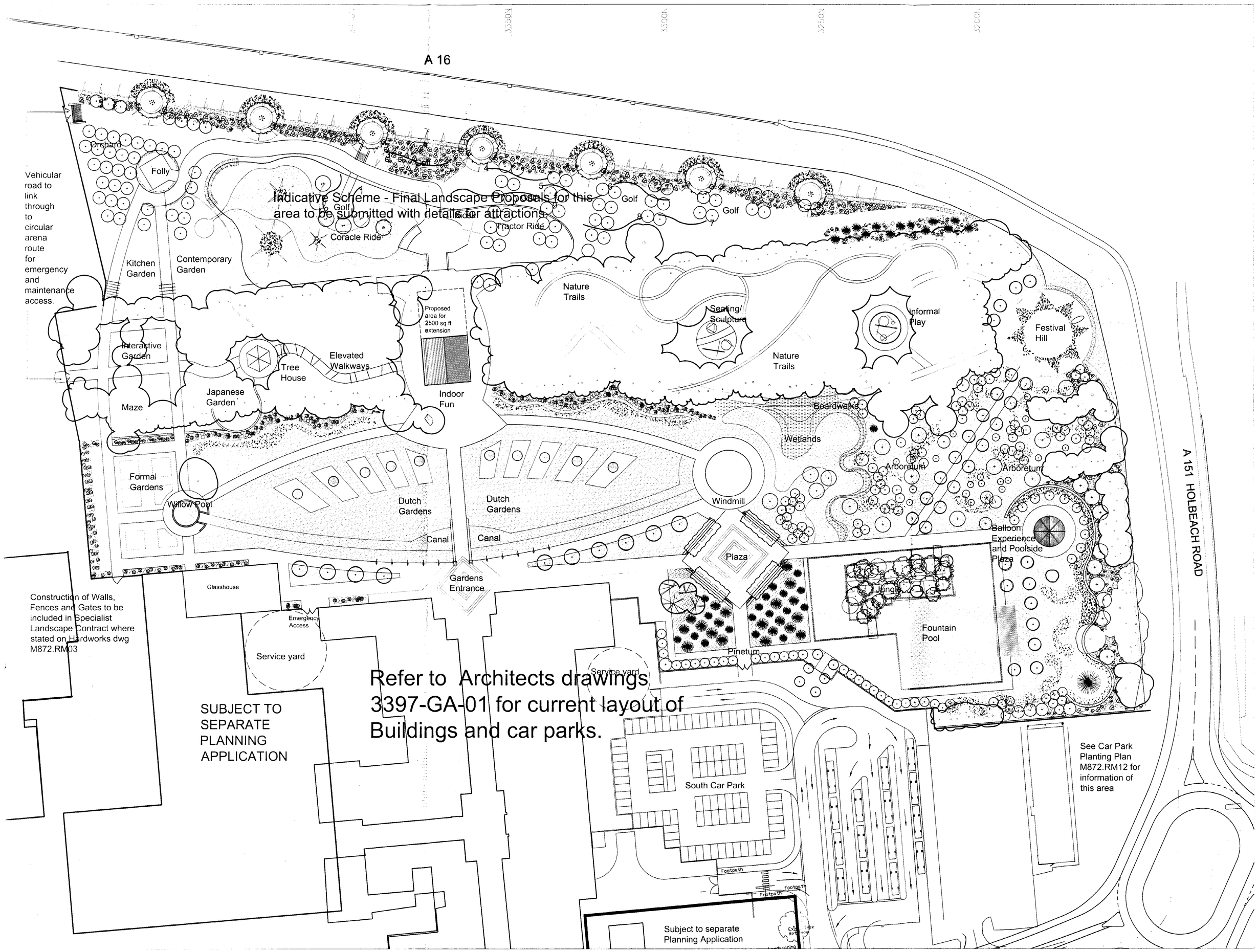
REVISIONS
Rev D: 07.07.03 PGG. Balloon Experience, Elevated walkway and Folly omited. Earthmounding to boundary extended. Woodland Walk amended. Updated locations of Showcase Gardens. Update building
Rev C: 17.02.03 RH. Queen Mother's Tree annotated, perimeter
Gardens. Key amended

GENERAL ARRANGEMENT
Reserved Matters Application

Springfields Factory Outlet Centre and Festival Gardens, Spalding

For: Thornfield

barnes




FESTIVAL HILL
Prominent corner feature with animated displays
Refer to Earthworks Layout and Sections M872.RM04&RM05

INDOOR FUN STRUCTURE
Indoor play centre set within existing woodland. To include facilities, toilets, info etc
Refer to Architects drawings.

FOLLY
To be installed by Specialist Landscape Contractor. See Detail M872.RM15

WILLOW POOL
Pool located at end of canal and next to mature willow tree. Access point to Formal Gardens.

ISLAND JUNGLE
Lush exotic planting set within areas of deck and boardwalk
Refer to Planting Plan M872.RM08

PINETUM
Formal Pinetum set within bed of slate mulch
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Informal water bodies, timber boardwalks, reed beds and marginal planting
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PROPOSED BOUNDARY TREATMENTS
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Primary pedestrian circulation. Insitu bound surface dressing finish. Path widths vary dependant on hierarchy of access refer to hardworks layout M872.RM03

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TO BE READ WITH THE FOLLOWING DRAWINGS:

M872.RM03 Hardworks Layout
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M872.RM10 Details
M872.RM12 Car Park Planting Plan
M872.RM15 Folly Elevation
M872.RM17 Entrance and Arrivals Area

Rev B 28.11.02 PGG. Omit Boundary Wall to Formal Garden, Replace With Timber Fence. General updates to bring in line with revised Building Layouts
Rev A 28.06.02 PGG Add Balloon Experience. Retain Queen Mothers Tree and realign adjacent footpath. Omit steps to Festival Hill.

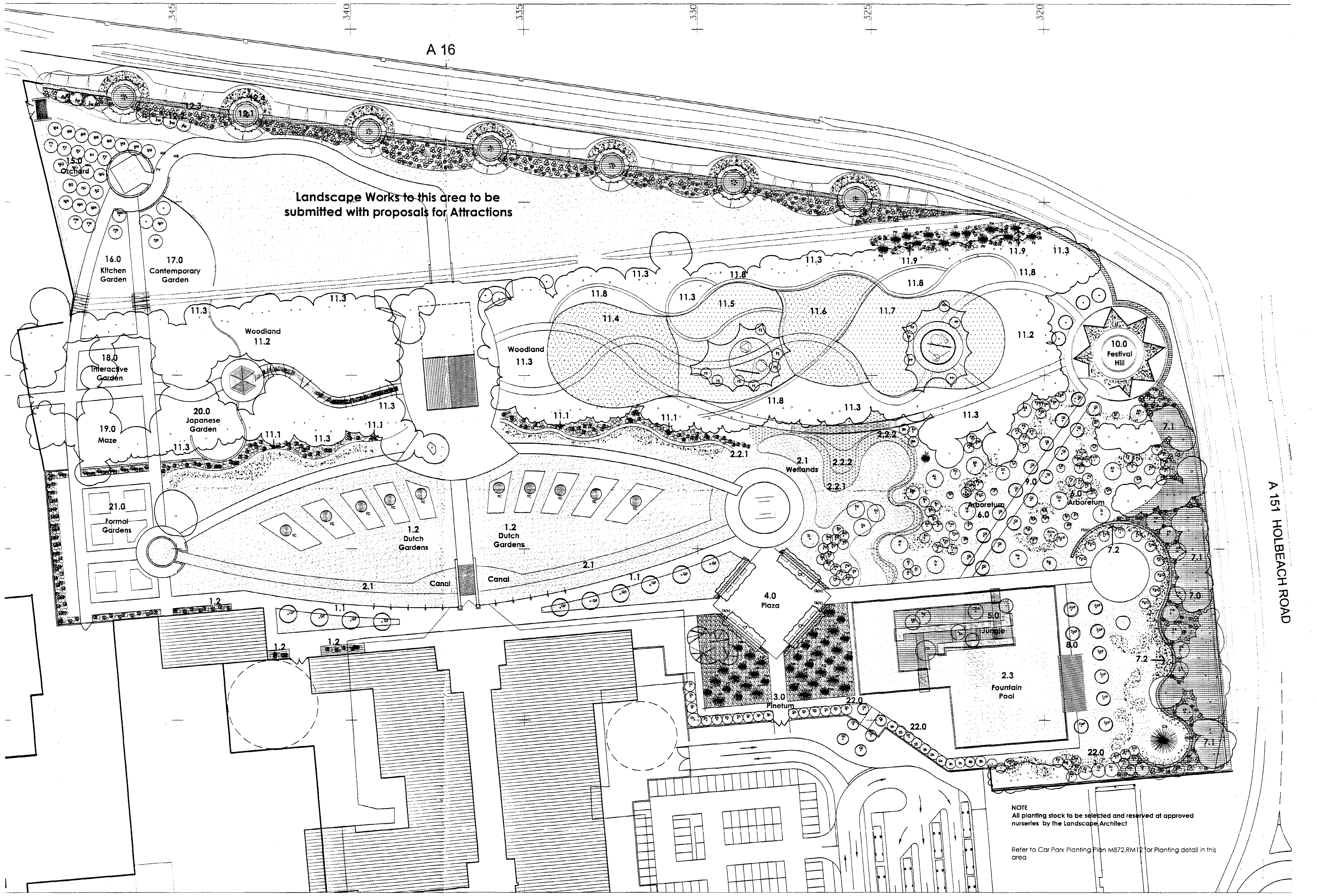
GENERAL ARRANGEMENT
Reserved Matters Application

Springfields Factory Outlet Centre and Festival Gardens, Spalding

For: Thornfield Properties plc

M 872/RM02B 1:500 Dec 2001

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## 1.0 ENTRANCE SPACE

### 1.1 ARRIVAL SPACE

Avenue of semi mature trees with columnar form providing a strong vertical axis between the buildings and gardens

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 1.1 | Trees | | | | | |
| | Quercus robur 'Fastigiata' | QF | 20-25cm | RB | As shown | 10 |
| 1.2 | Planting Beds | | | | | |
| | Shrubs | | | | | |
| | Choisya ternata | | 10L | | 1/m² | 10 |
| | Hydrangea 'White Wave' | | 5L | | 1/m² | 10 |
| | Lavandula spica 'Hidcote' | | 3L | | 3/m² | 30 |
| | Philadelphus 'Belle Etoile' | | 5L | | 1/m² | 10 |
| | Spirea 'Snowmound' | | 10L | | 1/m² | 10 |
| | Herbaceous | | | | | |
| | Alchemilla mollis | | 2L | | 3/m² | 12 |
| | Allium giganteum | | 2L | | 3/m² | 12 |
| | Delphinium elatum 'Vespers' | | 2L | | 3/m² | 12 |
| | Delphineum elatum 'Mighty Atom' | | 2L | | 3/m² | 12 |
| | Euphorbia amygloides 'Robbiae' | | 2L | | 3/m² | 12 |
| | Geranium 'Johnson's Blue' | | 2L | | 3/m² | 12 |
| | Helleborus foetidissima | | 2L | | 3/m² | 12 |
| | Helleborus orientalis | | 2L | | 3/m² | 12 |
| | Heuchera 'Palace Purple' | | 2L | | 3/m² | 12 |
| | Hosta 'Thomas Hogg' | | 2L | | 3/m² | 12 |
| | Kniphofia 'Percy's Pride' | | 2L | | 3/m² | 12 |
| | Salvia 'East Friesland' | | 2L | | 3/m² | 12 |
| | Sedum 'Autumn Joy' | | 2L | | 3/m² | 12 |

### 1.2 DUTCH GARDENS

An avenue of semi mature trees with columnar form providing a strong vertical axis between the buildings and gardens.
NOTE: Specification assisted by Springfields with some sponsorship.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 1.21 | Taxus baccata cones | TC | 4m high | CG | As shown | 10 |

**1.22** Bulb displays
Planted within the beds at the base of each taxus cone.
Planted in front of the ornamental woodland edge, as shown on plan.
NOTE: All bulbs to be supplied by Springfields.

## 2.0 WATER FEATURES

Waterbodies each with a distinctive character providing spacial containment and amenity

### 2.1 CANAL

Water body with iris densely planted to both edges. To be planted using Bio-Rolls by Greenfix. refer to Canal Details for specification. Greenfix - Tel: 01242 700092.

| KEY | SPECIES | Length Required |
|---|---|---|
| 2.1 | Iris Bio-Rolls | 315m |

### 2.2 WETLAND

Wetland area to be planted with native species to promote diverse flora and fauna.

| KEY | SPECIES | % MIX | TYPE | SPACING | NO. |
|---|---|---|---|---|---|
| 2.2.1 | Aquatics | | | | |
| | Ceratophyllum demersum | 10 | P7 | 5/m² | 115 |
| | Myriophyllum spicatum | 10 | P7 | 5/m² | 115 |
| | Nuphar lutea | 10 | P7 | 5/m² | 115 |
| | Polygonum amphibium | 20 | P7 | 5/m² | 230 |
| | Potamogeton natans | 20 | P7 | 5/m² | 230 |
| | Sagittaria sagittifolia | 10 | P7 | 5/m² | 115 |
| | Scirpus lacustris | 20 | P7 | 5/m² | 230 |
| 2.2.2 | Marginals | | | | |
| | Alisma plantago aquatica | 5 | P7 | 5/m² | 75 |
| | Apium nodiflorum | 5 | P7 | 5/m² | 75 |
| | Butomus umbellatus | 10 | P7 | 5/m² | 135 |
| | Eleocharis palustris | 15 | P7 | 5/m² | 210 |
| | Mentha aquatica | 5 | P7 | 5/m² | 75 |
| | Myosotis scorpioides | 10 | P7 | 5/m² | 135 |
| | Nasturtium officinale | 15 | P7 | 5/m² | 210 |
| | Rorippa amphibia | 5 | P7 | 5/m² | 75 |
| | Rumex hydrolapathum | 5 | P7 | 5/m² | 75 |
| | Sparganium erectum | 5 | P7 | 5/m² | 75 |
| | Typha angustifolia | 20 | P7 | 5/m² | 270 |

### 2.3 FOUNTAIN POOL

| KEY | SPECIES | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|
| 2.4 | Nymphaea alba | 1L | CG | 0.25/m² | 40 |
| | Nymphaea 'Escarboucle' | 1L | CG | 0.25/m² | 40 |
| | Nymphaea 'Virginia' | 1L | CG | 0.25/m² | 40 |
| | Nymphaea x laydekeri 'Fulgens' | 1L | CG | 0.25/m² | 40 |
| | Nymphaea marliacea 'Carnea' | 1L | CG | 0.25/m² | 40 |

## 3.0 PINETUM

A 'restrained' minimalist arrangement of pines, slate mulch, steam and water, within this area there are a group of existing pines. These are to be retained where appropriate.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 3.0 | Pinus densiflora | PD | 225-250cm | RB | As shown | 11 |
| | Pinus mugo | PM | 225-250cm | RB | As shown | 15 |
| | Pinus ponderosa | PP | 175-200cm | RB | As shown | 12 |

## 4.0 PLAZA

A formal square with perimeter planting comprising pleached hornbeam and yew hedging. Seats to be arranged in front of the hedge. Seasonal bulb/bedding display to be planted within the areas between the seating.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 4.0 | Pleaching | | | | | |
| | Carpinus betulus | CP | 20-25cm | RB | 2.0m cts. | 19 |
| | Hedge | | | | | |
| | Taxus baccata | Tb(h) | 120cm | RB | 3.5/lin m | 189 |
| | Bulbs | | | | | |
| | Tulipa 'White Emperor' | | | | | |

NOTE: All bulbs to be supplied by Springfields.

## 5.0 JUNGLE

Lush, bold, 'architectural' style planting with large leaves, contrasting foliage, 'hot' coloured flowers and a network of timber decked 'jungle paths'.
Entire island to be mulched with 750mm deep coco mulch.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 5.0 | Trees | | | | | |
| | Catalpa bignonioides | Cb | 8-10cm | RB | As shown | 1 |
| | Catalpa bignonioides 'Aurea' | CbA | 8-10cm | RB | As shown | 1 |
| | Eucalyptus gunii | Eg | 8-10cm | RB | As shown | 2 |
| | Eucalyptus niphophila | En | 8-10cm | RB | As shown | 1 |
| | Shrubs, Grasses, Ferns, Bamboos | | | | | |
| | Arundinaria nitida | | 2.5-3.0m | 25L | 0.25/m² | 10 |
| | Dicksonia antarctica | | 1.5-1.75m | 20L | 0.25/m² | 10 |
| | Fatsia japonica | | 1.5-1.75m | 25L | 0.25/m² | 10 |
| | Phyllostachys nigra + aurea | | 2.5-3.0m | 25L | 0.25/m² | 10 |
| | Trachycarpus fortunei | | 1.75-2.0m | 20L | 0.25/m² | 10 |
| | Sasa palmata | | 20-30cm | 5L | 3/m² | 100 |
| | Blechnum spicant | | 30-40cm | 5L | 3/m² | 100 |
| | Osmunda regalis | | 30-40cm | 5L | 3/m² | 100 |
| | Polystichum munitum | | 30-40cm | 5L | 3/m² | 100 |
| | Herbaceous | | | | | |
| | Gunnera manicata | | | 5L | 3/m² | 100 |
| | Hosta sieboldiana | | | 3L | 3/m² | 100 |
| | Lysimachia 'Firecracker' | | | 2L | 5/m² | 165 |
| | Lobelia cardinalis | | | 2L | 5/m² | 165 |
| | Ricinus 'Impala' | | | 2L | 5/m² | 165 |
| | Climbers | | | | | |
| | Passiflora caerulea | | 60-90cm | 3L | 1/m² | 15 |
| | Vitis coignetiae | | 60-90cm | 3L | 1/m² | 15 |
| | Bulbs | | | | | |
| | Canna 'Striata'+'Durban' | | | | | |
| | Crocosmia 'Lucifer' | | | | | |
| | Dahlia 'Bednall Beauty' | | | | | |
| | Hemerocallis | | | | | |
| | Zantedeschia 'Crowborough' | | | | | |

NOTE: All bulbs to be supplied by Springfields.

## 6.0 ARBORETUM

Unusual specimen trees chosen for their seasonal and botanical interest. Permanent and temporary sculptures to be positioned within this area to enliven the space. Bulbs to be planted in drifts and ocassional groupings to the bases of individual trees.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 6.0 | Trees | | | | | |
| | Acer callipes | Ac | 1.5-1.75m MS | RB | As shown | 1 |
| | Acer cappodicum | Aca | 12-14cm girth | B | As shown | 1 |
| | Acer cappodicum 'Rubrum' | AcR | 12-14cm girth | B | As shown | 1 |
| | Acer davidii 'Madeline Spitta' | Ad | 8-10cm girth | B | As shown | 1 |
| | Acer griseum | Ag | 1.5-1.75m | 15L | As shown | 1 |
| | Acer palmatum 'Heptalobum Rubrum' | AHR | 1.25-1.5m | 25L | As shown | 1 |
| | Acer pensylvanicum | Ap | 6-8cm girth | B | As shown | 1 |
| | Acer pseudoplatanus 'Brilliantissimum' | AB | 1.75-2m | 10L | As shown | 1 |
| | Acer rufinerve | Ar | 6-8cm girth | B | As shown | 1 |
| | Acer saccharinum 'Temples Upright' | As | 6-8cm girth | B | As shown | 1 |
| | Aesculus 'Briotti' | AB | 10-12cm girth | B | As shown | 1 |
| | Aesculus hippocastanum | Ah | 16-18cm girth | B | As shown | 1 |
| | Alnus imperialis | Ai | 8-10cm girth | B | As shown | 3 |
| | Alnus incana 'Laciniata' | AL | 16-18cm girth | RB | As shown | 1 |
| | Arbutus unedo | Au | 1.5-1.75m | 45L | As shown | 1 |
| | Betula nigra | Bn | 8-10cm Ftd | B | As shown | 10 |
| | Betula pubescens | Bp | 8-10cm Ftd | B | As shown | 10 |
| | Cercidiphyllum japonicum | Cj | 1.25-1.5m | 25L | As shown | 1 |
| | Cercis 'Forest Pansy' | CF | 1.5-1.75m | 45L | As shown | 1 |
| | Cercis siliquastrum | Cs | 1.5-1.75m | 45L | As shown | 1 |
| | Davidia involucrata | Di | 2-2.5m | 25L | As shown | 1 |
| | Eucalyptus gunni | Eg | 2-2.5m | 25L | As shown | 1 |
| | Fagus sylvatica 'Riversii' | FR | 12-14cm girth | RB | As shown | 1 |
| | Fraxinus excelsior 'Pendula' | FP | 6-8cm girth | 25L | As shown | 1 |
| | Gingko biloba | Gb | 10-12cm girth | RB | As shown | 1 |
| | Koelreuteria pavirulata | Kp | 6-8cm girth | 25L | As shown | 1 |
| | Liquidamber styracifolia | Ls | 12-14cm girth | RB | As shown | 1 |
| | Liriodendron 'Aureomarginata' | LA | 10-12cm girth | RB | As shown | 1 |
| | Magnolia salcifolia | Ms | 1.5-1.75m | 45L | As shown | 1 |
| | Nyssa sylvatica | Ns | 2-2.5m | 45L | As shown | 1 |
| | Oxydendrum arboreum | Oa | 1.25-1.5m | 45L | As shown | 1 |
| | Parrotica persica | Pp | 1.25-1.5m | 25L | As shown | 1 |
| | Paulownia tormentosa | Pt | 1.25-1.5m | 25L | As shown | 1 |
| | Populus tremula | Ptr | 10-12cm girth | B | As shown | 6 |
| | Prunus cerasifera 'Nigra' | PcN | 12-14cm girth | B | As shown | 5 |
| | Prunus pissardii 'Nigra' | PpN | 12-14cm girth | B | As shown | 3 |
| | Prunus padus 'Watereri' | PW | 10-12cm girth | B | As shown | 8 |
| | Prunus sargentii | Psa | 10-12cm girth | B | As shown | 5 |
| | Prunus serrula | Pse | 10-12cm girth | B | As shown | 5 |
| | Prunus 'Shirogen' | PS | 10-12cm girth | B | As shown | 5 |
| | Prunus 'Umineko' | PU | 10-12cm girth | B | As shown | 3 |
| | Prunus yedoensis | Py | 10-12cm girth | B | As shown | 5 |
| | Pterocarya fraxinifolia | Pf | 6-8cm girth | B | As shown | 1 |
| | Pyrus salcifolia 'Pendula' | PsP | 10-12cm girth | RB | As shown | 1 |
| | Pyrus calleryana 'Chanticleer' | PcC | 10-12cm girth | B | As shown | 1 |
| | Quercus coccinea | Qc | 8-10cm girth | RB | As shown | 1 |
| | Quercus nigra | Qn | 8-10cm girth | RB | As shown | 1 |
| | Robinia 'Frisia' | RF | 8-10cm girth | B | As shown | 2 |
| | Salix alba | Sa | 12-14cm girth | B | As shown | 3 |
| | Salix x babylonica 'Pendula' | SaP | 12-14cm girth | B | As shown | 1 |
| | Sophora japonica | Sj | 6-8cm girth | 25L | As shown | 2 |
| | Taxodium distichum | Td | 1.75-2m | RB | As shown | 1 |

Bulbs
Cyclamen persicum
Galanthus nivalis
Narcissus 'Tete a Tete'

## 7.0 PERIMETER BOUNDARY TO A151

Existing planting retained and supplemented with native species hedges, trees and shrubs.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| | Trees | | | | | |
| | Prunus padus | PP | 12-14cm girth | RB | As shown | 7 |
| | Prunus avium 'Plena' | PA | 12-14cm girth | RB | As shown | 5 |
| | Cedrus atlantica | CA | 2.5-3.0m | CG | As shown | 1 |
| | Pyrus calleryana Chanticleer | PcC | 10-12cm girth | B | As shown | 10 |
| 7.1 | Understorey Planting | | | | | |
| | Crataegus monogyna | | 60-90cm | BR | 1.7/m² | 240 |
| | Corylus avellana | | 60-90cm | BR | 1.7/m² | 240 |
| | Ilex aquifolium | | 60-90cm | RB | 1.7/m² | 160 |
| | Viburnum opulus | | 60-90cm | BR | 1.7/m² | 160 |
| | Hedges | | | | | |
| | Fagus sylvatica | FS(h) | 175-200cm | BR | 5/lm | 600 |
| | Crataegus monogyna | CM(h) | 90-120cm | BR | 5/lm | 850 |
| 7.2 | Bulbs | | | | | |
| | Crocus speciosus 'Oxonian' | | | | | |
| | Tulipa 'Greuze' | | | | | |
| | Narcissus 'Trousseau' | | | | | |
| | Narcissus 'Satin Pink' | | | | | |

NOTE: All bulbs to be supplied by Springfields.

## 8.0 TREE GRID ALONG WATERS EDGE

Large trees of striking form planted in a grid arrangement within level lawns eventually forming a continuous weeping canopy.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 8.0 | Trees | | | | | |
| | Salix x babylonica 'Pendula' | SaP | 16-18 | B | As shown | 9 |

## 9.0 FESTIVAL HILL BOULEVARD

Avenue of large evergreen trees creating a bold axis leading to Festival Hill.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 9.0 | Trees | | | | | |
| | Quercus ilex | QI | 16-18cm | B | As shown | 16 |

## 10.0 FESTIVAL HILL

A 'landmark' earthwork with viewing platform, sculpture and bulb displays.

**KEY SPECIES**
**10.0** Star pattern constructed with timber edging. Bulbs to be planted in grass within timber edging. Only grass to be planted outside the timber edging.
Bulbs: Narcissus varieties.
Bulbs to be supplied by Springfields.

## 11.0 WOODLAND

Retained woodland to be managed and reinforced with native species to provide a backdrop to the gardens, shelter from prevailing winds and enhance opportunities for enjoyment.

### 11.1 ORNAMENTAL WOODLAND EDGE (FACING DUTCH GARDENS)

Family of species providing spring, summer and autumn interest (acid loving) with drifts of bulbs through the grass.

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 11.1 | Acer palmatum | 1.0-1.25m | 10L | 1/m² |
| | Acer palmatum 'Atropurpureum' | 1.8-2.0m | 25L | 1/m² |
| | Acer dissectum viridus | 1.0-1.25m | 10L | 1/m² |
| | Azalea japonica 'Hinomayo' | 30-40cm | 3L | 3/m² |
| | Azalea japonica 'Vuyks Scarlet' | 30-40cm | 3L | 3/m² |
| | Azalea japonica 'Palestrina' | 30-40cm | 3L | 3/m² |
| | Azalea deciduous 'Silver Slipper' | 60-80cm | 5L | 2/m² |
| | Azalea deciduous 'Bridesmaid' | 60-80cm | 5L | 2/m² |
| | Camellia x williamsii 'Donation' | 1.2-1.5m | RB | 1/m² |
| | Camellia japonica 'Lavinia Maggi' | 1.2-1.5m | RB | 1/m² |
| | Hamamelis 'Arnold Promise' | 1.2-1.5m | RB | 1/m² |
| | Hydrangea 'Ami Pasquier' | 40-60cm | 5L | 2/m² |
| | Hydrangea arborescens 'Grandiflora' | 40-60cm | 5L | 2/m² |
| | Hydrangea quercifolia | 40-60cm | 5L | 2/m² |
| | Hydrangea villosa | 40-60cm | 5L | 2/m² |
| | Ilex aquifolium 'Silver Queen' | 1.2-1.5m | RB | 1/m² |
| | Magnolia stellata | 1.0-1.2m | 10L | 1/m² |
| | Magnolia x soulangeana | 1.8-2.0m | RB | 1/m² |
| | Mahonia x Charity | 80-100cm | 10L | 2/m² |
| | Pieris 'Forest Flame' | 40-50cm | 10L | 1/m² |
| | Pieris 'Flaming Silver' | 40-50cm | 10L | 1/m² |
| | Prunus 'Otto Luyken' | 30-40cm | 3L | 3/m² |
| | Skimmia 'Rubella' | 30-40cm | 3L | 3/m² |
| | Skimmia 'Fructo Alba' | 30-40cm | 3L | 3/m² |
| | Viburnum davidii | 20-30cm | 3L | 3/m² |
| | Viburnum tinus | 80-100cm | 10L | 1/m² |

Bulbs
Cyclamen repandum
Scilla sibirica

### 11.2 UNDERSTOREY WITHIN CORE OF WOODLAND

All to be group planted with trees at 10-25 per group and shrubs at 5-10 per group.
Alnus and corylus planted randomly with occassional groups.

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.2 | Understorey Planting | | | | |
| | Alnus glutinosa | 15 | 60-90cm | BR | 0.45/m² |
| | Corylus avellana | 25 | 60-90cm | BR | 0.45/m² |
| | Fraxinus excelsior | 12.5 | 60-90cm | BR | 0.45/m² |
| | Ilex aquifolium | 10 | 60-90cm | BR | 0.45/m² |
| | Pinus sylvestris | 2.5 | 60-90cm | BR | 0.45/m² |
| | Prunus avium | 5 | 60-90cm | BR | 0.45/m² |
| | Quercus robur | 25 | 60-90cm | BR | 0.45/m² |
| | Sambucus nigra | 2.5 | 60-90cm | BR | 0.45/m² |

Bulbs and Groundcover
Allium sativum
Narcissus bulbocodium
Primula veris vulgaris
Pulmonaria saccharata

### 11.3 WOODLAND EDGE

To be planted on edge of existing woodland where there is sufficient light. All to be planted at 1m centres; group planted at 5-50 per group; lonicera planted randomly.

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.3 | Acer campestre | 5 | 60-90cm | BR | 1/m² |
| | Alnus glutinosa | 10 | 60-90cm | BR | 1/m² |
| | Crataegus monogyna | 20 | 60-90cm | BR | 1/m² |
| | Corylus avellana | 42.5 | 60-90cm | BR | 1/m² |
| | Prunus spinosa | 15 | 60-90cm | BR | 1/m² |
| | Lonicera periclymenum | 2.5 | 60-90cm | BR | 1/m² |
| | Sambucus nigra | 5 | 60-90cm | BR | 1/m² |

### 11.4 HAZEL COPPICE

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 11.4 | Corylus avellana | 60-90cm | BR | 0.45/m² |

Bulbs
Scilla sibirica

### 11.5 BEECH STAND

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.5 | Planting Mix | | | | |
| | Fagus sylvatica | 40 | 60-90cm | BR | 0.45/m² |
| | Fraxinus excelsior | 20 | 60-90cm | BR | 0.45/m² |
| | Ilex aquifolium | 10 | 60-90cm | BR | 0.45/m² |
| | Sambucus nigra | 15 | 60-90cm | BR | 0.45/m² |
| | Viburnum opulus | 15 | 60-90cm | BR | 0.45/m² |
| | Tree planting | | | | |
| | Fagus sylvatica | | 6-8cm girth | RB | As shown |

Bulbs
Anemone x fulgens
Fritillaria pallidiflora
Galanthus nivalis
Narcissus 'Actaea'

### 11.6 SWEET CHESTNUT COPPICE

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 11.6 | Castanea sativa | 0.9-1.2m | BR | 0.45/m² |
| | Herbaceous | | | |
| | Digitalis purpurea 'Foxy' | | 1L | 3/m² |

### 11.7 CHERRY STAND

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.7 | Planting Mix | | | | |
| | Amelanchier lamarckii | 10 | 60-90cm | BR | 0.45/m² |
| | Cornus sanguinea | 30 | 60-90cm | BR | 0.45/m² |
| | Prunus avium 'Plena' | 20 | 1.75-2.0m | BR | 0.25/m² |
| | Prunus padus | 20 | 1.5-1.75m | BR | 0.25/m² |
| | Sorbus torminalis | 20 | 1.5-2.0m | BR | 0.25/m² |
| | Tree planting | | | | |
| | Prunus avium 'Plena' | PP | 6-8cm girth | RB | As shown |

Bulbs
Allium neapolitanum
Cyclamen persicum 'Kaori Series'
Fritillaria meleagris
Iris chrysographes
Wild garlic

### 11.8 TRAILS

*Routes through woodland flanked by seasonal, native woodland bulbs and groundcover*

| KEY | SPECIES | TYPE | SPACING |
|---|---|---|---|
| 11.8 | Groundcover | | |
| | Brunnera macrophylla | 1L | 5/m² |
| | Epimedium vers. 'Sulphureum' | 1L | 5/m² |
| | Digitalis purpurea 'Alba' | 1L | 3/m² |
| | Heleborous orientalis | 1L | 5/m² |

Bulbs
Crocus 'Snow Bunting'
Cyclamen neapolitanum
Fritillaria pallidiflora
Hyacinthoides 'L'innocence'
Zantedeschia 'Crowborough'

### 11.9 EVERGREEN WOODLAND SCREEN

Woodland belt containing typical evergreen species, eg pines, rhododendrons and pines.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.9 | Trees | | | | |
| | Larix decidua | LD | 1.75-2.0m | 25L | As shown |
| | Pinus nigra | PN | 1.75-2.0m | 75L | As shown |
| | Pinus sylvestris | PS | 1.75-2.0m | 75L | As shown |

## 12.0 PERIMETER BOUNDARY TO A16

Stylised earthworks and planting to provide an interesting edge to the gardens.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 12.1 | Willow Stands: | | | | | |
| | Salix x rubens 'Busfordiana' | | 16-18cm girth | RB | 3 No. per mound | 21 |
| | Salix x rubens 'Busfordiana' | | 1.75-2.0m | | 12 No. per mound | 84 |
| 12.2 | Mound Planting | | | | | |
| | Salix daphnoides (violet) | | 60-80cm | BR | 3/m² | 900 |
| | Salix vitelliana (golden yellow) | | 60-80cm | BR | 3/m² | 900 |
| | Salix 'Chermisana' (orange/red) | | 60-80cm | BR | 3/m² | 900 |
| 12.3 | Hedges | | | | | |
| | Ilex aquifolium | IA(h) | 60-90cm | RB | 5/lm | 770 |
| | Crataegus monogyna | CM(h) | 90-120cm | BR | 5/lm | 1300 |
| 12.4 | Bulbs | | | | | |
| | Narcissus varieties | | | | | |

NOTE: All bulbs to be supplied by Springfields.

## 13.0 CONCESSIONS

Coracle setting with styalised landscape and earth mounding with bulb planting, single species reeds and rushs to the waters edge.

| KEY | SPECIES | TYPE | SPACING |
|---|---|---|---|
| 13.0 | Butomus umbellatus | P9 | 3/m² |
| | Lysichiton amerianus | | 3/m² |
| | Butomus umbellatus | 1L | 2/m² |
| | Typhia minima | 1L | 2/m² |

## 14.0 CHILDREN'S PLAY AREA

Non poisonous and non harmful planting

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.4 | Understorey Planting | | | | |
| | Acer campestre | 15 | 60-90cm | BR | 0.45/m² |
| | Crataegus monogyna | 35 | 60-90cm | BR | 0.45/m² |
| | Corylus avellana | 20 | 60-90cm | BR | 0.45/m² |
| | Cornus sangiuea | 15 | 60-90cm | BR | 0.45/m² |
| | Ilex aquifolium | 5 | 60-90cm | BR | 0.45/m² |
| | Viburnum opulus | 10 | 60-90cm | BR | 0.45/m² |

Bulbs and Groundcover
Allium sativum
Narcissus bulbocodium
Primula veris vulgaris
Pulmonaria saccharata

## 15.0 ORCHARD

Traditional fruiting varieties planted in groups of 5-9. To be stock which will become full size trees with time. Fruit trees to be underplanted with wild flowers.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 15.0 | Malus 'malling 106' | MM | Half std | BR | As shown |
| | Mespilus germanica | MG | Half std | BR | As shown |
| | Prunus 'St Julian A' | PJ | Half std | BR | As shown |
| | Prunus 'Colt stock' | PC | Half std | BR | As shown |
| | Pyrus 'Quince C' | PQ | Half std | BR | As shown |

Wildflower Grass Mix
WFG 7 from British Seed Houses for free draining sandy soil. — 3-5 grams per m2
OR
WFG 3 general purpose (BSH) — 0.5-1 gram per m2
MIXED WITH — +
Amenity 4 grass seed mix (BSH) — 3-5 grams per m2

## SHOWCASE GARDENS

Attractive themed gardens displaying different garden types and planting techniques

## 16.0 KITCHEN GARDEN

Planting to include culinary and medicinal herbs, vegetables, fruit vines and flowers suitable for arranging. NOTE: To be sown/planted as specified by supplier.

**KEY SPECIES**
**16.0** Vegetables
Courgettes, cucumbers, tomatoes, sweet peppers, spring cabbages, summer cauliflowers, brussels sprouts, lettuce, purple sprouting broccoli, globe artichoke, broad beans, scarlet runner beans, Swiss chard, peas, beetroot, bulb onions, spring onions, leeks, winter purslane, pak choi, spinach, potatoes, parsnips, carrots, rhubarb, horseradish

Herbs
Sage, rosemary, tarragon, thyme, mint, marjoram, oregano, parsley, basil, chamomile, chives, coriander, dill, fennel, garlic

Climbers
Rosa, Jasminium, Lonicera, Wisteria

Cut Flowers
Shrubs:
Calluna vulgaris, Camelia japonica, Hamamelis mollis

Perennials:
Astrantia major, Dianthus, Chrysanthemum, Delphiniums, Helleborus, Phalaenopsis, Phlox, Iris, Gypsophila, Echinops, Aster

Bulbs:
Allium (tall), Narcissus, Dhalia, Gladioli, Lillium, Tulipa

## 17.0 CONTEMPORARY GARDEN

Use of bold, lush planting in partnership with modern materials.

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 17.0 | Shrubs | | | |
| | Cordyline australis | 60-80cm | 10L | 0.25/m² |
| | Fatsia japonica | 40-60cm | 5L | 0.45/m² |
| | Grasses | | | |
| | Carex 'Evergold' | 20-30cm | 2L | 6/m² |
| | Festuca glauca | 15-20cm | 2L | 8/m² |
| | Luzula sylvatica marginata | 20-30cm | 2L | 5/m² |
| | Miscanthus 'Gracillimus' | 20-30cm | 2L | 3/m² |
| | Stipa gigantea | 20-30cm | 2L | 2/m² |
| | Bulbs | | | |
| | Allium gigantea | 15-20cm | 2L | |
| | Nerine bowdenii | | | |

## 18.0 INTERACTIVE GARDEN

Sensory stimulation through the use of sound, texture, colour and scent. This can be achieved also by the use of plants as well as play equipment.

**KEY SPECIES**
**18.0** Textured foliage
Festuca glauca, Miscanthus sinensis 'Gracimillus', Bambusa multiplex, Stipa gigantea, Bergenia cordifolia, Fatsia japonica, Hebe rakiensis, Hydrangea quercifolia, Picea, abies 'Nidiformis'.

Aromatic Foliage
Choysia 'Aztec Pearl', Santolina chamaecyparissus, Lavandula spica 'Hidcote', Rosmarinus officinalis, Salvia, Thymus vulgaris, Chamaecyparisus 'Minima Glauca'

Scented Flowers
Buddleia davidii 'Empire Blue', Choysia ternata, Lavandula stoechas, Philadelphus coronarius 'Aureus', Alyssum maritimum 'Little Dorrit', Jasminum 'Grandiflorum', Lonicera periclymen 'Belgica', Magnolia grandiflora

## 19.0 MAZE

Willow wattle screens of different heights and angles meandering amongst the trees.

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 19.0 | Salix viminalis | 200 | BR canes | 4/lin m |

## 20.0 JAPANESE GARDEN

Themed planting including pruned topiary clouds and hummocks, rocks, gravel and pavilion structure.

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 20.0 | Trees | | | |
| | Betula jacquemontii (multi-stem) | 2.0-2.5m | RB | 0.25/m² |
| | Cornus kousa | 0.6-0.8m | 10-12L | 0.45/m² |
| | Shrubs | | | |
| | Acer palmatum | 1.8-2.0m | 25L | 1/m² |
| | Acer palmatum 'Atropurpureum' | 1.8-2.0m | 25L | 1/m² |
| | Acer 'Dissectum Viridus' | 1.2-1.5m | 15L | 1/m² |
| | Aralia elata | 0.9-1.2m | 15L | 1/m² |
| | Azalea japonica | 40-60cm | 5L | 3/m² |
| | Azalea (deciduous) | 80-100cm | 10L | 2/m² |
| | Camellia x williamsii 'Donation' | 1.8-2.0m | RB | 1/m² |
| | Pieris floribunda | 30-40cm | 3L | 3/m² |
| | Phyllostachys nigra | 1.5-1.75m | 20L | 1/m² |
| | Climbers | | | |
| | Wisteria sinensis | 1.5-2.0m | 10L | 0.25/m² |

## 21.0 FORMAL GARDENS

Full, 'opulent' herbaceous borders with 'structural' shrubs, manicured lawns, dwarf box hedging, and topiary.

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 21.0 | Mixed topiary shapes: | | | |
| | Buxus sempervirens | | | |
| | Ilex aquifolium | | | |
| | Shrubs: | | | |
| | Choisya ternata | 40-60cm | 10L | 1/m² |
| | Hydrangea 'White Wave' | 40-60cm | 5L | 1/m² |
| | Lavandula spica 'Hidcote' | 30-40cm | 3L | 3/m² |
| | Philadelphus 'Belle Etoile' | 40-60cm | 5L | 1/m² |
| | Spiraea 'Snowmound' | 60-90cm | 10L | 1/m² |
| | Herbaceous | | | |
| | Acanthus spinosus | | 2L | 3/m² |
| | Aconitum 'Bressingham Spire' | | 2L | 3/m² |
| | Alchemilla mollis | | 2L | 3/m² |
| | Achillea ptarmica 'The Pearl' | | 2L | 3/m² |
| | Allium giganteum | | 2L | 3/m² |
| | Artemisa 'Powis Castle' | | 2L | 3/m² |
| | Campanula 'Superba' | | 2L | 3/m² |
| | Cimicifuga racemosa | | 2L | 3/m² |
| | Delphinium elatum 'Vespers' | | 2L | 3/m² |
| | Delphinium elatum 'Mighty Atom' | | 2L | 3/m² |
| | Echinops ritro | | 2L | 3/m² |
| | Euphorbia amygloides 'Purpurea' | | 2L | 3/m² |
| | Euphorbia amygloides 'Robbiae' | | 2L | 3/m² |
| | Euphorbia wulfenii | | 2L | 3/m² |
| | Geranium 'Johnsons Blue' | | 2L | 3/m² |
| | Helleborus foetidissima | | 2L | 3/m² |
| | Helleborus orientalis | | 2L | 3/m² |
| | Heuchera 'Palace Purple' | | 2L | 3/m² |
| | Hosta 'Thomas Hogg' | | 2L | 3/m² |
| | Hosta 'Royal Standard' | | 2L | 3/m² |
| | Iris germanica | | 2L | 4/m² |
| | Kniphofia 'Percys Pride' | | 2L | 3/m² |
| | Liatris spicata 'Kobold' | | 2L | 3/m² |
| | Lupinus polyphylius 'Russel Hybrid' | | 2L | 4/m² |
| | Physostegia 'Summer Snow' | | 2L | 4/m² |
| | Rodgersia aesculfolia | | 2L | 3/m² |
| | Salvia 'East Freisland' | | 2L | 3/m² |
| | Sedum 'Autumn Joy' | | 2L | 3/m² |
| | Stachys lanata | | 2L | 3/m² |
| | Climbers | | | |
| | Clematis 'Jackmanii' | 1.0-1.5m | 10L | 0.25/m² |
| | Clematis 'Henryi' | 1.0-1.5m | 10L | 0.25/m² |
| | Hedera 'Hibernica' | 1.0-1.5m | 5L | 0.25/m² |
| | Hedera helix 'Eve' | 1.0-1.5m | 5L | 0.25/m² |
| | Rosa 'Alberic Barbier' | 1.0-1.5m | 10L | 0.25/m² |
| | Wisteria sinensis | 1.0-1.5m | 10L | 0.25/m² |
| | Bulbs | | | |
| | Allium rosenbachianum | | | |
| | Dahlia 'White Klankstad' | | | |
| | Dahlia 'Betty Bowen' | | | |
| | Gladiolus 'Robin' | | | |
| | Lillium 'Imperial Crimson' | | | |
| | Lillium candidum | | | |

## 22.0 SOUTH WESTERN BOUNDARY PLANTING

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 22.0 | Trees | | | | | |
| | Betula pendula | Bp | 10-12cm girth | B | As shown | 5 |
| | Crataegus monogyna 'Stricta' | CmS | 10-12cm girth | B | As shown | 3 |
| | Quercus ilex | Qi | 12-14cm girth | RB | As shown | 6 |
| | Quercus robur | Qr | 8-10cm girth | RB | As shown | 1 |
| | Salix alba caerulea | Sc | 12-14cm girth | B | As shown | 3 |
| | Sorbus huphensis | Sh | 10-12cm girth | B | As shown | 28 |
| | Sorbus majestica | Sm | 12-14cm girth | B | As shown | 6 |
| | Climbers | | | | | |
| | Hedera helix 'Eva' | | 100-150cm | 10L | 0.5/lin m | 16 |
| | Hedera hibernica | | 80-100cm | 5L | 0.5/lin m | 16 |
| | Jasminium off. 'Fiona Sunrise' | | 100-150cm | 3L | 0.5/lin m | 16 |
| | Parthenicissus 'Veitchii' | | 100-150cm | 10L | 0.5/lin m | 16 |
| | Wisteria sinensis | | 100-150cm | 10L | 0.5/lin m | 16 |
| | Bulbs | | | | | |
| | Narcissus 'Pride of Cornwall' | | | | | |
| | Tulipifera 'Queen of the Night' | | | | | |
| | Tulipifera 'White Emperor' | | | | | |

## NOTES:

All planting material to be selected and reserved at approved nursery by the Landscape Architect.
No substitutions to be made without approval.
All bulbs to be supplied by Springfields.
All trees planted in grass to be mulched around base - 600mm diameter.
All Grass areas to be laid with turf.
[illegible] with 75mm medium grade pine bark mulch except for island jungle area - coco mulch.
All hedges to be mulched.

Rev B 28.11.02 PGG Omit items 23 and 24. General amendments to layout.
Rev A 28.06.02 PGG General Amendments to Layout

# PLANTING PROPOSALS

## Springfields Festival Gardens, Factory Outlet Centre, Spalding

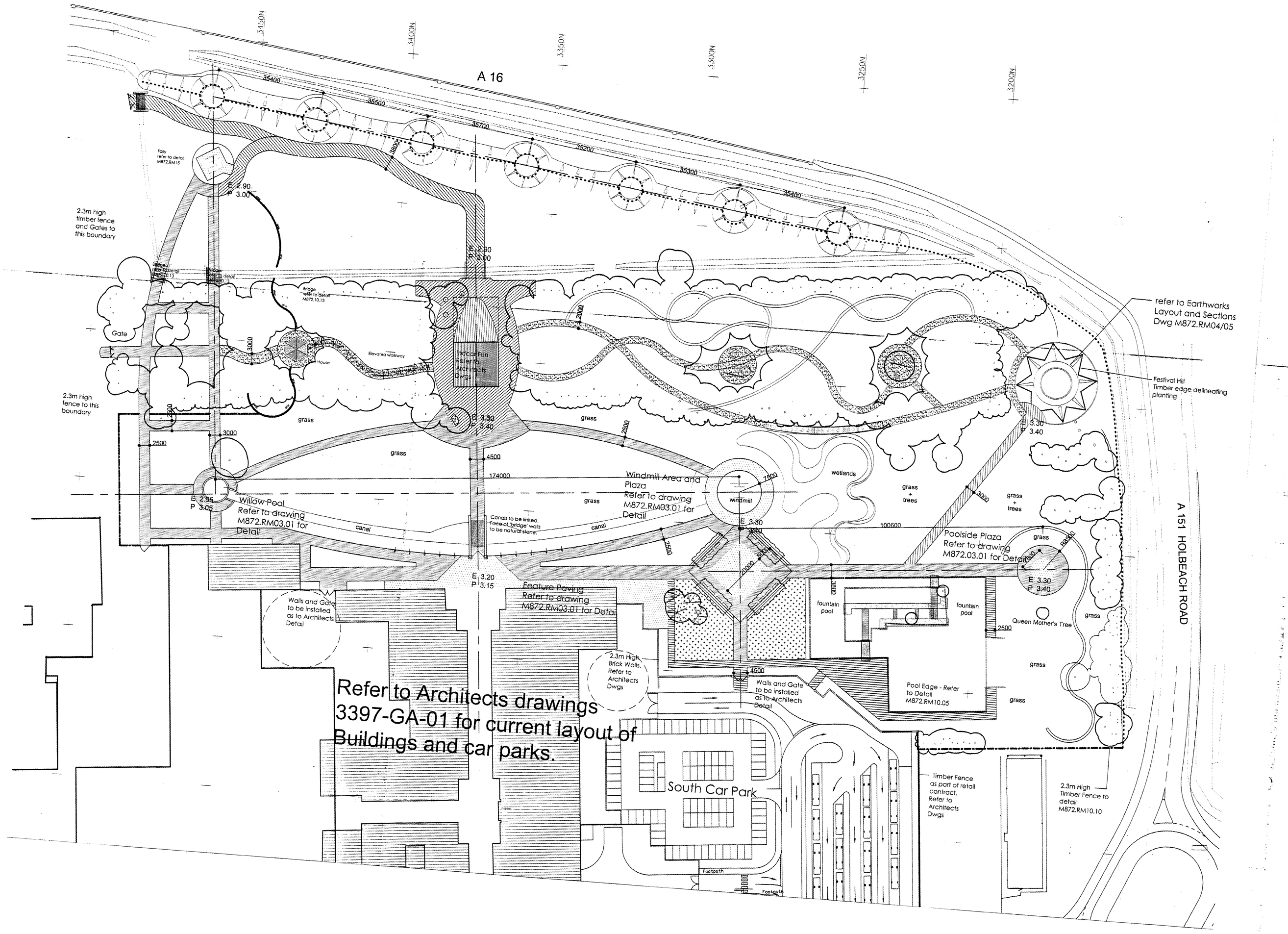
For: Thornfield Properties

M 872.RM08B 1:500 March 2002

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FOOTPATH Type One
Widths as dimensioned. Bitmac paths constructed to light vehicle and occasional emergency vehicle specification. Surface dressed with 2 layer of Fibredec with 6mm Gol Gravel installed to Colas instruction. Edgings as to Detail M872.RM10.01.

FOOTPATH Type Two
Widths as dimensioned. Bitmac paths constructed to pedestrian specification unless path otherwise designated for vehicular use. Edgings to be 150x50mm PCC Pinkerb haunched i concrete and set flush with adjoining surfaces.

FOOTPATH Type Three
Widths as dimensioned. Bitmac paths constructed to light vehicle and occasional emergency vehicle specification. Surface dressed with 2 layer of Fibredec with 6mm Golde Gravel installed to Colas instruction. Edgings as to Detail M872.RM10.03.

FOOTPATH Type Four
Widths as dimensioned. Bitmac paths constructed to light vehicle and occasional emergency vehicle specification. Surface dressed with 2 layer of Fibredec with 6mm Golden Gravel installed to Colas instruction. Edgings to be 150x50mm PCC Pinkerb haunched in concrete and set flush with adjoining surfaces.

FOOTPATH Type Five
Widths as dimensioned. Bitmac paths constructed to maintenance vehicle and occasional emergency vehicle specification. Edgings to be 150x50mm PCC Pinkerb haunched in concrete and set flush with adjoining surfaces.

ROLLED GRAVEL PATHS
Width as dimensioned. Raisby Golden Gravel paths to pedestrian specification. Timber edge. Detail M872.RM10.06

SLATE MULCH
Slate mulch dressing from approved source. Refer to Edge Detail M872.RM10.04 for treatment with adjoining footpath.

1.0m HIGH STOCK PROOF FENCE
Detail M872.RM10.11

2.3m HIGH TIMBER FENCE
Horizontal feather edge panels. Detail M872.RM10.10

BRIDGES AND BOARDWALKS
Refer to M872.10.13

Festival Hill
Timber edging to be installed to delineate between grass bank and planting areas.

BANNERS

E 3.30
P 3.40
EXISTING AND PROPOSED LEVELS
All levels based on the topographical survey.

35400
DIMENSIONS
All dimensions in millimetres. All setting out to be approved on site before work commences.

DIMENSIONS AND LEVELS
All dimensions and levels are based on survey plan provided. Setting out to be checked on site prior to work commencing.

SITE BOUNDARY
Legal boundary position and titles to be confirmed by HM land registry before work commences.

SAMPLES
Sample materials to be submitted to Landscape Architect for approval. Refer to Specification for selected samples required.

Rev B 28.11.02 PGG General Amendments to Layout and Key
Rev A 28.06.02 PGG General Amendments to Layout and Key

HARDWORKS LAYOUT
Reserved Matters Application

Springfields Festival Gardens
Factory Outlet Centre, Spalding

For: Thornfield Properties

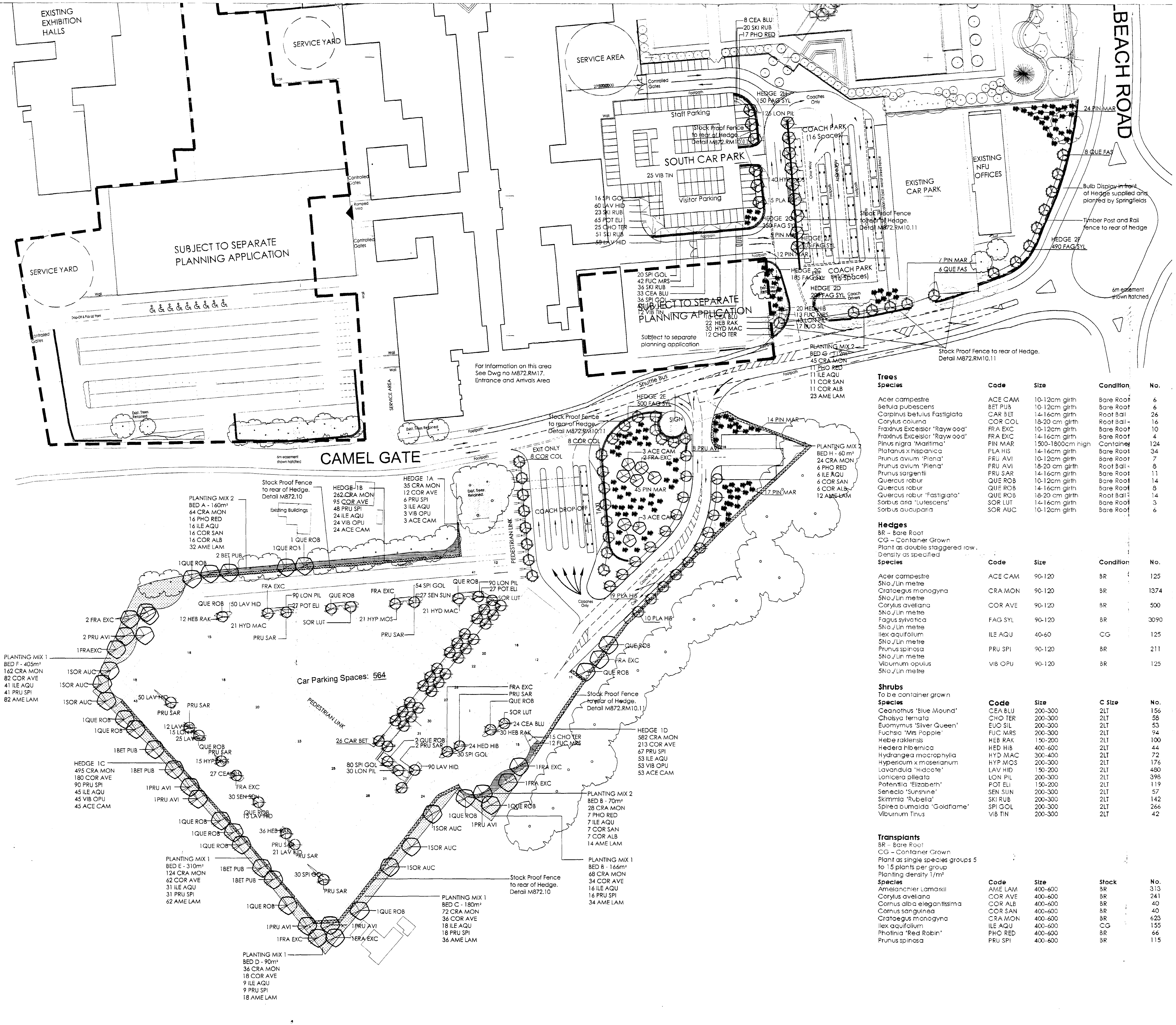
M872.RM03B 1:500 PGG March 2002

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**Trees**

| Species | Code | Size | Condition | No. |
|---|---|---|---|---|
| Acer campestre | ACE CAM | 10-12cm girth | Bare Root | 6 |
| Betula pubescens | BET PUB | 10-12cm girth | Bare Root | 6 |
| Carpinus betulus Fastigiata | CAR BET | 14-16cm girth | Root Ball | 26 |
| Corylus colurna | COR COL | 18-20 cm girth | Root Ball | 16 |
| Fraxinus Excelsior 'Raywood' | FRA EXC | 10-12cm girth | Bare Root | 10 |
| Fraxinus Excelsior 'Raywood' | FRA EXC | 14-16cm girth | Bare Root | 4 |
| Pinus nigra 'Maritima' | PIN MAR | 1500-1800cm high | Container | 124 |
| Platanus x hispanica | PLA HIS | 14-16cm girth | Bare Root | 34 |
| Prunus avium 'Plena' | PRU AVI | 10-12cm girth | Bare Root | 7 |
| Prunus avium 'Plena' | PRU AVI | 18-20 cm girth | Root Ball | 8 |
| Prunus sargentii | PRU SAR | 14-16cm girth | Bare Root | 11 |
| Quercus robur | QUE ROB | 10-12cm girth | Bare Root | 14 |
| Quercus robur | QUE ROB | 14-16cm girth | Bare Root | 8 |
| Quercus robur 'Fastigiata' | QUE ROB | 18-20 cm girth | Root Ball | 14 |
| Sorbus aria 'Lutescens' | SOR LUT | 14-16cm girth | Bare Root | 3 |
| Sorbus aucuparia | SOR AUC | 10-12cm girth | Bare Root | 6 |

**Hedges**
BR – Bare Root
CG – Container Grown
Plant as double staggered row.
Density as specified

| Species | Code | Size | Condition | No. |
|---|---|---|---|---|
| Acer campestre 5No./Lin metre | ACE CAM | 90-120 | BR | 125 |
| Crataegus monogyna 5No./Lin metre | CRA MON | 90-120 | BR | 1374 |
| Corylus avellana 5No./Lin metre | COR AVE | 90-120 | BR | 500 |
| Fagus sylvatica 5No./Lin metre | FAG SYL | 90-120 | BR | 3090 |
| Ilex aquifolium 5No./Lin metre | ILE AQU | 40-60 | CG | 125 |
| Prunus spinosa 5No./Lin metre | PRU SPI | 90-120 | BR | 211 |
| Viburnum opulus 5No./Lin metre | VIB OPU | 90-120 | BR | 125 |

**Shrubs**
To be container grown

| Species | Code | Size | C Size | No. |
|---|---|---|---|---|
| Ceanothus 'Blue Mound' | CEA BLU | 200-300 | 2LT | 156 |
| Choisya ternata | CHO TER | 200-300 | 2LT | 58 |
| Euonymus 'Silver Queen' | EUO SIL | 200-300 | 2LT | 53 |
| Fuchsia 'Mrs Popple' | FUC MRS | 200-300 | 2LT | 94 |
| Hebe rakiensis | HEB RAK | 150-200 | 2LT | 100 |
| Hedera hibernica | HED HIB | 400-600 | 2LT | 44 |
| Hydrangea macrophylla | HYD MAC | 300-400 | 2LT | 72 |
| Hypericum x moserianum | HYP MOS | 200-300 | 2LT | 176 |
| Lavandula 'Hidcote' | LAV HID | 150-200 | 2LT | 480 |
| Lonicera pileata | LON PIL | 200-300 | 2LT | 398 |
| Potentilla 'Elizabeth' | POT ELI | 150-200 | 2LT | 119 |
| Senecio 'Sunshine' | SEN SUN | 200-300 | 2LT | 57 |
| Skimmia 'Rubella' | SKI RUB | 200-300 | 2LT | 142 |
| Spirea bumalda 'Goldflame' | SPI GOL | 200-300 | 2LT | 266 |
| Viburnum Tinus | VIB TIN | 200-300 | 2LT | 42 |

**Transplants**
BR – Bare Root
CG – Container Grown
Plant as single species groups 5 to 15 plants per group
Planting density 1/m²

| Species | Code | Size | Stock | No. |
|---|---|---|---|---|
| Amelanchier Lamarkii | AME LAM | 400-600 | BR | 313 |
| Corylus avellana | COR AVE | 400-600 | BR | 241 |
| Cornus alba elegantissima | COR ALB | 400-600 | BR | 40 |
| Cornus sanguinea | COR SAN | 400-600 | BR | 40 |
| Crataegus monogyna | CRA MON | 400-600 | BR | 623 |
| Ilex aquifolium | ILE AQU | 400-600 | CG | 155 |
| Photinia 'Red Robin' | PHO RED | 400-600 | BR | 66 |
| Prunus spinosa | PRU SPI | 400-600 | BR | 115 |

KEY

- Existing trees to be retained
- Proposed Semi Mature Trees Sizes 30-35 / 25-30 Refer to Schedule
- Proposed Trees Size 14-16
- Proposed Trees Size 10-12
- Conifer Spp
- Proposed Hedge Type 1 Size 400-600 Double staggered rows 5/lm
  Crataegus monogyna 55%
  Corylus avellana 20%
  Prunus spinosa 10%
  Ilex aquifolium 5%
  Viburnum opulus 5%
  Acer campestre 5%
- Proposed Hedge Type 2 Size 400-600 Fagus sylvatica
- Planting Mix 1
  Planting desnsity 1/m²
  Plant as single species groups 5-15 plants per group
  Crataegus monogyna 40%
  Corylus avellana 20%
  Ilex aquifolium 10%
  Prunus spinosa 10%
  Amelanchier lamarckii 20%
- Planting Mix 2
  Planting desnsity 1/m²
  Plant as single species groups
  5-15 plants per group
  Crataegus monogyna 40%
  Cornus sanguinea 10%
  Photinia x Red Robin 10 %
  Ilex aquifolium 10%
  Cornus alba elegantissima 10%
  Amelanchier lamarckii 20%
- Ornamental Shrub Beds
- Proposed grassed areas
  Fine quality seeded lawn turf laid in accordance with BS 3969.
  Allow 150mm min clean depth of topsoil to BS 3882

NOTES
All planting Beds and base of Hedges to be mulched with approved Amenity Grade Pine Bark to 75mm depth.

All Hedges to have Stockproof Fence to Detail M872.RM10.11 to rear of Hedgeline.

Rev D 28.11.02 PGG Update Layout.
Revision C 25.07.02 SB Update coach park layout.
Revision B 20.07.02 PGG Update coach park layout.
Revision A - 28.06.02 PGG Additional shrub planting to replace some grass areas and amendment to schedule

Car Park Planting Plan

Reserved Matters Application

Springfields Festival Gardens,
Factory Outlet Centre, Spalding

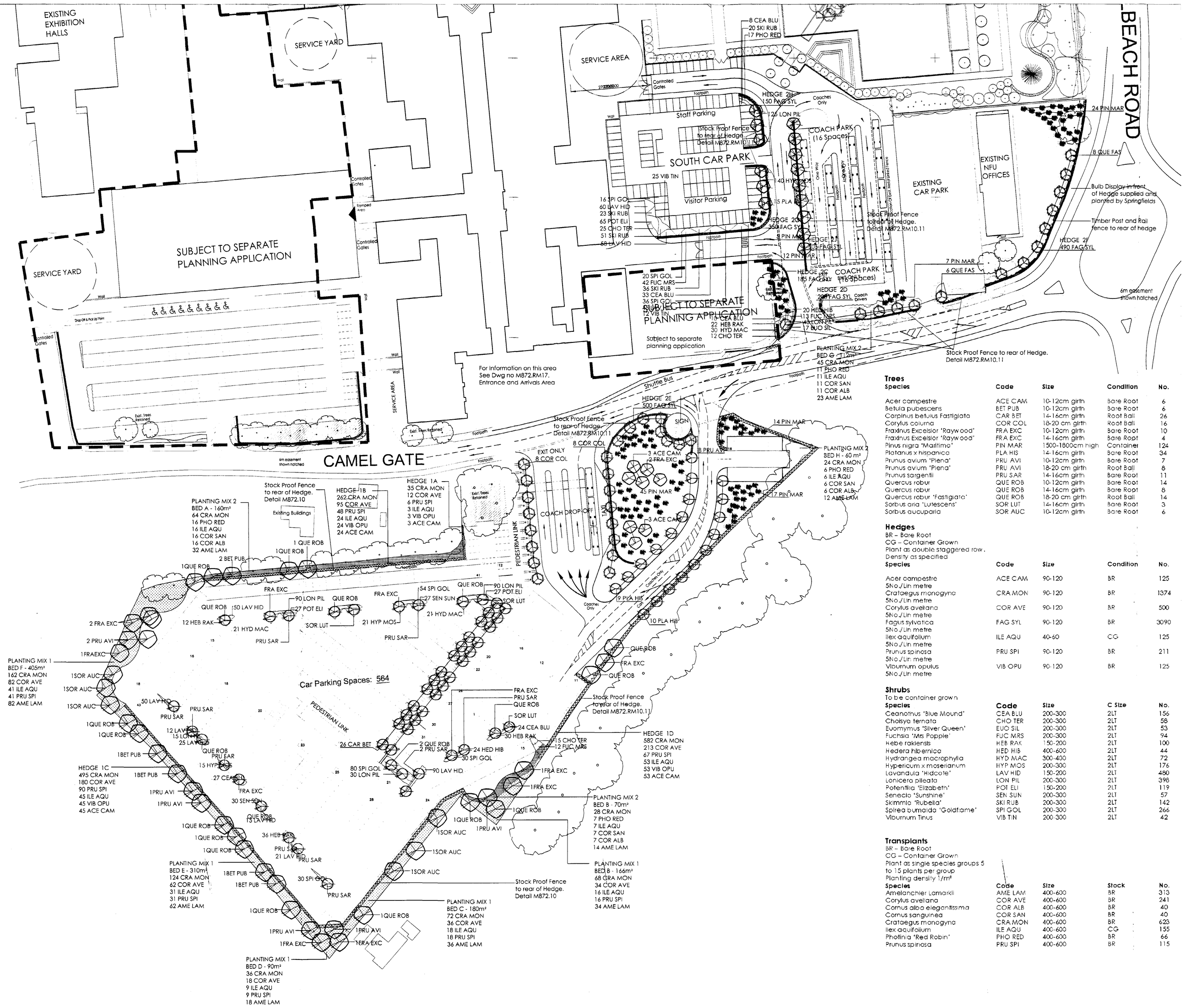
For: Thornfield Properties

M872.RM12D 1:500 March 2002

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  Amelanchier lamarckii 20%
- Planting Mix 2 Planting desnsity 1/m² Plant as single species groups 5-15 plants per group
  Crataegus monogyna 40%
  Cornus sanguinea 10%
  Photinia x Red Robin 10 %
  Ilex aquifolium 10%
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- Ornamental Shrub Beds
- Proposed grassed areas Fine quality seeded lawn turf laid in accordance with BS 3969. Allow 150mm min clean depth of topsoil to BS 3882

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Rev D 28.11.02 PGG Update Layout.
Revision C 25.07.02 SB Update coach park layout.
Revision B 20.07.02 PGG Update coach park layout.
Revision A - 28.06.02 PGG Additional shrub planting to replace some grass areas and amendment to schedule

Car Park Planting Plan

Reserved Matters Application

Springfields Festival Gardens,
Factory Outlet Centre, Spalding

For: Thornfield Properties

M872.RM12D 1:500 March 2002


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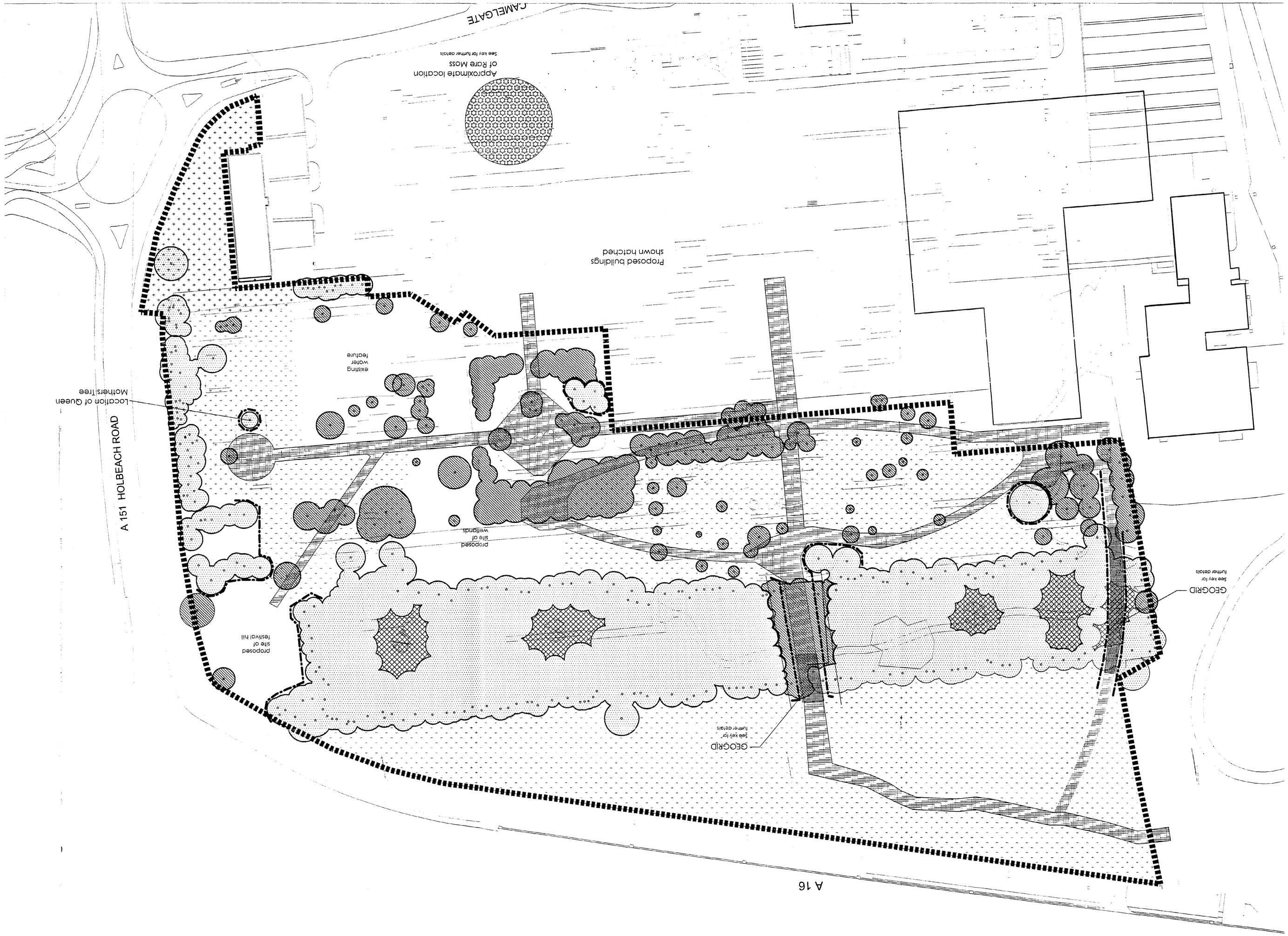
M872/RM07A 1:500 January 2002

For: Thornfield Properties plc

Springfields Festival Gardens,
Factory Outlet Centre, Spalding

TREE REMOVALS AND ENABLING WORKS
Reserved Matters Application

Rev A 27.06.02 PGG Retain and Protect Queen Mother Tree.




TREES TO BE REMOVED
To be confirmed after meeting with Tree Protection Officer

TREES TO BE RETAINED
To be confirmed after meeting with Tree Protection Officer

WOODLAND GLADE
Indicative position of glade. Final position and actual trees to be felled, to be agreed with Tree Protection Officer.

BOUNDARY LINE
Extents of site boundary

GEOGRID
Access road passing through wooded area to be protected with geogrid to prevent unnecessary damage to trees.

HAULAGE ROAD
Access road for contractors following line of proposed hardworks to prevent unnecessary damage to softworks areas.

PROTECTED AREA
Area to be protected from general contractors traffic.

TREE PROTECTION FENCE
Extents of tree protection fencing (chestnut pale fencing, see below). Final position to be agreed on site.

1.2m HIGH CHESTNUT PALE FENCING
To alignment as indicated erect chestnut pale protective fencing supported on 65mm Ø timber posts located at 2400mm centres. Provide 75x50mm timber top rail. Protective fencing to comply with BS 5837: 1991.

VEGETATION
All existing vegetation in non protected areas to be removed.

RARE MOSS
Existing protected species of moss to be relocated to new position. Position to be agreed with Barnes Walker and The Lincolnshire Naturalist Union under the supervision of Lincolnshire Naturalist Union.
LNU Contact: Mrs Annette Faulkner
65 London Road.
Spalding.

ADDITIONAL NOTES
All tree works to be carried out by a member of the Arboricultural Association to good practice and in strict accordance with BS 3998. Obtain clear instructions from Landscape Architect or Local Authority Tree Officer prior to work commencing.

METHOD STATEMENT
PROGRESSION
- Contractor to set up on site.
- Install compound and erect security fencing to secure site.
- Install haulage roads as indicated.
- Demolition and clearance of existing paths and hardstandings to be serviced from haulage roads.
- Excavate paths in 10m sections and backfill with high quality topsoil to BS 3882 and to the approval of the Landscape Architect.
- On completion of above, no vehicles there after are to travel into areas indicated on this drawing. Storage of materials and vehicles to be in areas allocated at time of set up.

WEATHER
- All operations to be carried out in suitable climatic conditions. Do not carry out work to ground in inclement weather such as frost and snow and during periods of heavy rainfall.

A16

A 16

A151 HOLBEACH ROAD

Japanese Garden with Entrance Pavilion

Picnic and Recreation Area

2.3m high timber fence and Gates to this boundary

2.3m high fence to this boundary

Contemporary Garden

Gate

Sculpture Matrix

Proposed limits for outdoor play

Indicative Refer to Architects Drwgs

Indoor Fun In Play Barn

Seating Sculpture

Woodland Walk and Nature Trails

Informal Play

Festival Hill

refer to Earthworks Layout and Sections Dwg M872.RM04/05

Festival Hill Timber edge delineating planting

A Life Ahead Showcase Garden

Formal Garden

Willow Pool

Willow Pool Refer to drawing M872.RM03.01 for Detail

Dutch Gardens

Canal

Canals to be linked. Face of 'bridge' walls to be natural stone

Windmill Area and Plaza Refer to drawing M872.RM03.01 for Detail

Windmill

Wetlands

Boardwalks

Arboretum

Peace Garden

Plaza

Fens Discovery Centre

Gardens Entrance

Feature Paving Refer to drawing M872.RM03.01 for Detail

Emergency Access Gates to be installed as to Architects Detail

Jungle

fountain pool

Fountain Pool

Pool Edge - Refer to Detail M872.RM10.05

Queen Mother's Tree

Pinetum

2.3m High Brick Walls. Refer to Architects Details

2400 mm High Wall/Fence and Gates to be installed as to Architects Detail

Controlled Gates Controlled by ONE WAY

Coaches Only

SOUTH CAR PARK

South Car Park

Previous Spaces:

Timber Fence as part of retail contract. Refer to Architects Dwgs

EXISTING NFU OFFICES

EXISTING CAR PARK

2400 mm High Fence

2.3m High Timber Fence to Car Park Refer to Planting Plan M872.RM12 for information of this area

EXISTING EXHIBITION HALLS

Construction of Walls, Fences and Gates to be included in Specialist Landscape Contract where stated on Hardworks dwg M872.RM03

SUBJECT TO SEPARATE PLANNING APPLICATION

Timber Palisade

Refer to Architects drawings 3397-GA-01 for current layout of Buildings and car parks.

## FOOTPATH Type One

Widths as dimensioned. Bitmac paths constructed to light vehicle and occasional emergency vehicle specification. Surface dressed with 2 layer of Fibredec with 6mm Golden Gravel installed to Colas instruction. Edgings as to Detail M872.RM10.01.

## FOOTPATH Type Two

Widths as dimensioned. Bitmac paths constructed to pedestrian specification unless path otherwise designated for vehicular use. Edgings to be 150x50mm PCC Pinkerb haunched in concrete and set flush with adjoining surfaces.

## FOOTPATH Type Three

Widths as dimensioned. Bitmac paths constructed to light vehicle and occasional emergency vehicle specification. Surface dressed with 2 layer of Fibredec with 6mm Golden Gravel installed to Colas instruction. Edgings as to Detail M872.RM10.03.

## FOOTPATH Type Four

Widths as dimensioned. Bitmac paths constructed to light vehicle and occasional emergency vehicle specification. Surface dressed with 2 layer of Fibredec with 6mm Golden Gravel installed to Colas instruction. Edgings to be 150x50mm PCC Pinkerb haunched in concrete and set flush with adjoining surfaces.

## FOOTPATH Type Five

Widths as dimensioned. Bitmac paths constructed to maintenance vehicle and occasional emergency vehicle specification. Edgings to be 150x50mm PCC Pinkerb haunched in concrete and set flush with adjoining surfaces.

## ROLLED GRAVEL PATHS

Width as dimensioned. Raisby Golden Gravel paths to pedestrian specification. Timber edge. Detail M872.RM10.06

## SLATE MULCH

Slate mulch dressing from approved source. Refer to Edge Detail M872.RM10.04 for treatment with adjoining footpath.

## 1.0m HIGH STOCK PROOF FENCE

Detail M872.RM10.11

## 2.3m HIGH TIMBER FENCE

Horizontal feather edge panels. Detail M872.RM10.10

## BRIDGES AND BOARDWALKS

Refer to M872.10.13

## Festival Hill

Timber edging to be installed to delineate between grass bank and planting areas.

## BANNERS

## EXISTING AND PROPOSED LEVELS

All levels based on the topographical survey.

## DIMENSIONS

All dimensions in millimetres. All setting out to be approved on site before work commences.

### DIMENSIONS AND LEVELS

All dimensions and levels are based on survey plan provided. Setting out to be checked on site prior to work commencing.

### SITE BOUNDARY

Legal boundary position and titles to be confirmed by HM land registry before work commences.

### SAMPLES

Sample materials to be submitted to Landscape Architect for approval. Refer to Specification for selected samples required.

Rev C 03.07.03 PGG General update in line with General Arrangement M872.02D
Rev B 28.11.02 PGG General Amendments to Layout and Key
Rev A 28.06.02 PGG General Amendments to Layout and Key

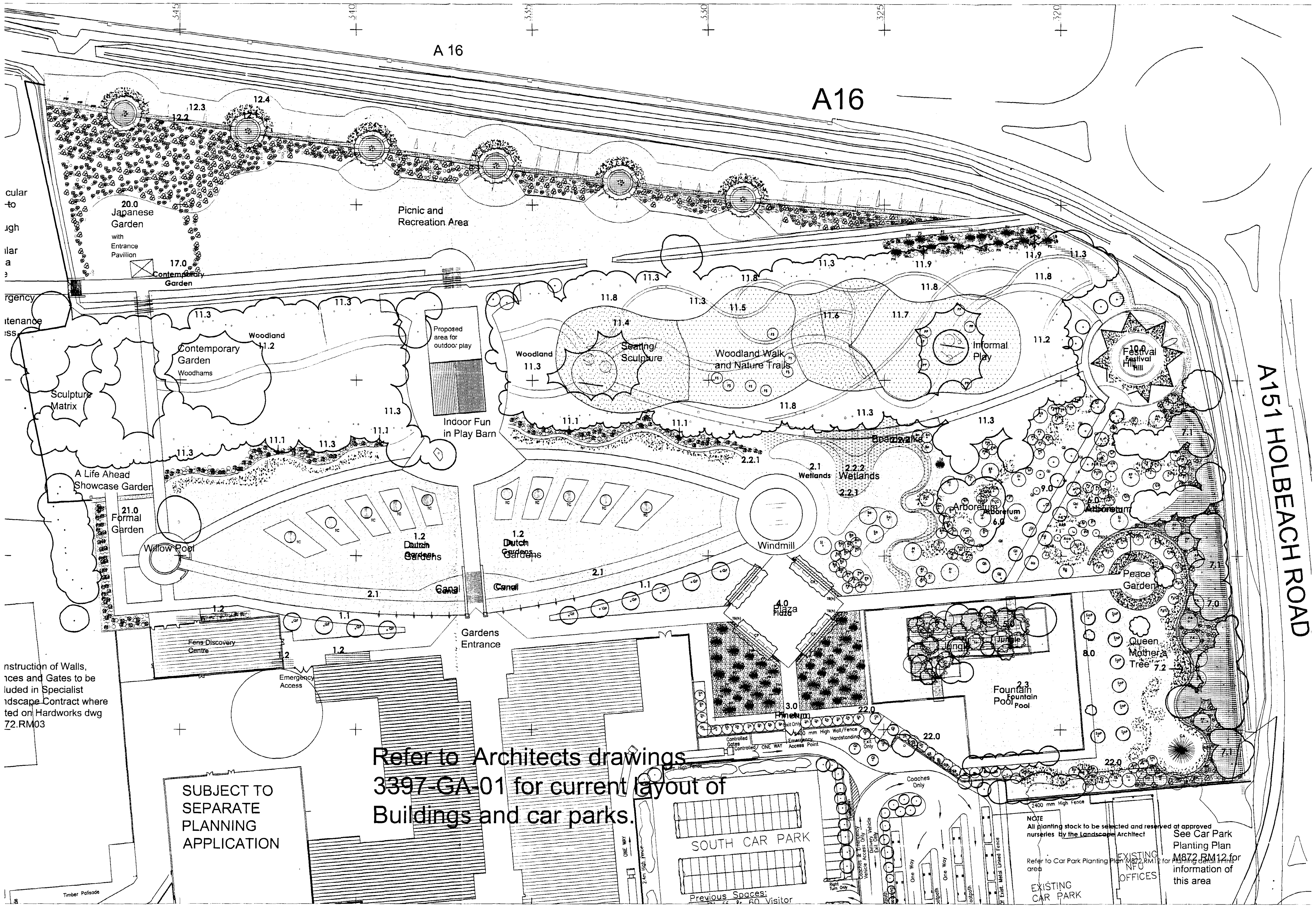
HARDWORKS LAYOUT
Reserved Matters Application

Springfields Festival Gardens
Factory Outlet Centre, Spalding

For: Thornfield Properties

M872.RM03C 1:500 PGG

Gillespies · Manchester




## 1.0 ENTRANCE SPACE

### 1.1 ARRIVAL SPACE

Avenue of semi mature trees with columnar form providing a strong vertical axis between the buildings and gardens

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 1.1 | Trees | | | | | |
| | Quercus robur 'Fastigiata' | QF | 20-25cm | RB | As shown | 10 |
| 1.2 | Planting Beds | | | | | |
| | Shrubs | | | | | |
| | Choisya ternata | | 10L | | 1/m² | 10 |
| | Hydrangea 'White Wave' | | 5L | | 1/m² | 10 |
| | Lavandula spica 'Hidcote' | | 3L | | 3/m² | 30 |
| | Philadelphus 'Belle Etoile' | | 5L | | 1/m² | 10 |
| | Spirea 'Snowmound' | | 10L | | 1/m² | 10 |
| | Herbaceous | | | | | |
| | Alchemilla mollis | | 2L | | 3/m² | 12 |
| | Allium giganteum | | 2L | | 3/m² | 12 |
| | Delphinium elatum 'Vespers' | | 2L | | 3/m² | 12 |
| | Delphinium elatum 'Mighty Atom' | | 2L | | 3/m² | 12 |
| | Euphorbia amygloides 'Robbiae' | | 2L | | 3/m² | 12 |
| | Geranium 'Johnson's Blue' | | 2L | | 3/m² | 12 |
| | Helleborus foetidissima | | 2L | | 3/m² | 12 |
| | Helleborus orientalis | | 2L | | 3/m² | 12 |
| | Heuchera 'Palace Purple' | | 2L | | 3/m² | 12 |
| | Hosta 'Thomas Hogg' | | 2L | | 3/m² | 12 |
| | Kniphofia 'Percy's Pride' | | 2L | | 3/m² | 12 |
| | Salvia 'East Friesland' | | 2L | | 3/m² | 12 |
| | Sedum 'Autumn Joy' | | 2L | | 3/m² | 12 |

### 1.2 DUTCH GARDENS

An avenue of semi mature trees with columnar form providing a strong vertical axis between the buildings and gardens.
NOTE: Specification assisted by Springfields with some sponsorship.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 1.21 | Taxus baccata cones | TC | 4m high | CG | As shown | 10 |

1.22 Bulb displays
Planted within the beds at the base of each taxus cone.
Planted in front of the ornamental woodland edge, as shown on plan.
NOTE: All bulbs to be supplied by Springfields.

## 2.0 WATER FEATURES

Waterbodies each with a distinctive character providing spacial containment and amenity

### 2.1 CANAL

Water body with its densely planted to both edges. To be planted using Bio-Rolls by Greenfix, refer to Canal Details for specification. Greenfix - Tel: 01242 700092.

| KEY | SPECIES | Length Required |
|---|---|---|
| 2.1 | Iris Bio-Rolls | 315m |

### 2.2 WETLAND

Wetland area to be planted with native species to promote diverse flora and fauna.

| KEY | SPECIES | % MIX | TYPE | SPACING | NO. |
|---|---|---|---|---|---|
| 2.2.1 | Aquatics | | | | |
| | Ceratophyllum demersum | 10 | P7 | 5/m² | 115 |
| | Myriophyllum spicatum | 10 | P7 | 5/m² | 115 |
| | Nuphar lutea | 10 | P7 | 5/m² | 115 |
| | Polygonum amphibium | 20 | P7 | 5/m² | 230 |
| | Potamogeton natans | 20 | P7 | 5/m² | 230 |
| | Sagittaria sagittifolia | 10 | P7 | 5/m² | 115 |
| | Scirpus lacustris | 20 | P7 | 5/m² | 230 |
| 2.2.2 | Marginals | | | | |
| | Alisma plantago aquatica | 5 | P7 | 5/m² | 75 |
| | Apium nodiflorum | 5 | P7 | 5/m² | 75 |
| | Butomus umbellatus | 10 | P7 | 5/m² | 135 |
| | Eleocharis palustris | 15 | P7 | 5/m² | 210 |
| | Mentha aquatica | 5 | P7 | 5/m² | 75 |
| | Myosotis scorpioides | 10 | P7 | 5/m² | 135 |
| | Nasturtium officinale | 15 | P7 | 5/m² | 210 |
| | Rorippa amphibia | 5 | P7 | 5/m² | 75 |
| | Rumex hydrolapathum | 5 | P7 | 5/m² | 75 |
| | Sparganium erectum | 5 | P7 | 5/m² | 75 |
| | Typha angustifolia | 20 | P7 | 5/m² | 270 |

### 2.3 FOUNTAIN POOL

| KEY | SPECIES | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|
| 2.4 | Nymphaea alba | 1L | CG | 0.25/m² | 40 |
| | Nymphaea 'Escarboucle' | 1L | CG | 0.25/m² | 40 |
| | Nymphaea 'Virginia' | 1L | CG | 0.25/m² | 40 |
| | Nymphaea x laydekeri 'Fulgens' | 1L | CG | 0.25/m² | 40 |
| | Nymphaea marliacea 'Carnea' | 1L | CG | 0.25/m² | 40 |

## 3.0 PINETUM

A 'restrained' minimalist arrangement of pines, slate mulch, steam and water. Within this area there are a group of existing pines. These are to be retained where appropriate.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 3.0 | Pinus densiflora | PD | 225-250cm | RB | As shown | 11 |
| | Pinus mugo | PM | 225-250cm | RB | As shown | 15 |
| | Pinus ponderosa | PP | 175-200cm | RB | As shown | 12 |

## 4.0 PLAZA

A formal square with perimeter planting comprising pleached hornbeam and yew hedging. Seats to be arranged in front of the hedge. Seasonal bulb/bedding display to be planted within the areas between the seating.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 4.0 | Pleaching | CP | 20-25cm | RB | 2.0m cts. | 19 |
| | Carpinus betulus | | | | | |
| | Hedge | | | | | |
| | Taxus baccata | Tb(h) | 120cm | RB | 3.5/lin m | 189 |
| | Bulbs | | | | | |
| | Tulipa 'White Emperor' | | | | | |

NOTE: All bulbs to be supplied by Springfields.

## 5.0 JUNGLE

Lush, bold, 'architectural' style planting with large leaves, contrasting foliage, 'hot' coloured flowers and a network of timber decked 'jungle paths'.
Entire island to be mulched with 750mm deep coco mulch.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 5.0 | Trees | | | | | |
| | Catalpa bignonioides | Cb | 8-10cm | RB | As shown | 1 |
| | Catalpa bignonioides 'Aurea' | CbA | 8-10cm | RB | As shown | 1 |
| | Eucalyptus gunii | Eg | 8-10cm | RB | As shown | 2 |
| | Eucalyptus niphophila | En | 8-10cm | RB | As shown | 1 |
| | Shrubs, Grasses, Ferns, Bamboos | | | | | |
| | Arundinaria nitida | | 2.5-3.0m | 25L | 0.25/m² | 10 |
| | Dicksonia antarctica | | 1.5-1.75m | 20L | 0.25/m² | 10 |
| | Fatsia japonica | | 1.5-1.75m | 20L | 0.25/m² | 10 |
| | Phyllostachys nigra + aurea | | 2.5-3.0m | 25L | 0.25/m² | 10 |
| | Trachycarpus fortunei | | 1.75-2.0m | 20L | 0.25/m² | 10 |
| | Sasa palmata | | 20-30cm | 5L | 3/m² | 100 |
| | Blechnum spicant | | 30-40cm | 5L | 3/m² | 100 |
| | Osmunda regalis | | 30-40cm | 5L | 3/m² | 100 |
| | Polystichum munitum | | 30-40cm | 5L | 3/m² | 100 |
| | Herbaceous | | | | | |
| | Gunnera manicata | | | 5L | 3/m² | 100 |
| | Hosta sieboldiana | | | 3L | 3/m² | 100 |
| | Lysimachia 'Firecracker' | | | 2L | 5/m² | 165 |
| | Lobelia cardinalis | | | 2L | 5/m² | 165 |
| | Ricinus 'Impala' | | | 2L | 5/m² | 165 |
| | Climbers | | | | | |
| | Passiflora caerulea | | 60-90cm | 3L | 1/m² | 15 |
| | Vitis coignetiae | | 60-90cm | 3L | 1/m² | 15 |
| | Bulbs | | | | | |
| | Canna 'Striata'+'Durban' | | | | | |
| | Crocosmia 'Lucifer' | | | | | |
| | Dahlia 'Bednall Beauty' | | | | | |
| | Hemerocallis | | | | | |
| | Zantedeschia 'Crowborough' | | | | | |

NOTE: All bulbs to be supplied by Springfields.

## 6.0 ARBORETUM

Unusual specimen trees chosen for their seasonal and botanical interest. Permanent and temporary sculptures to be positioned within this area to enliven the space. Bulbs to be planted in drifts and occasional groupings to the bases of individual trees.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 6.0 | Trees | | | | | |
| | Acer calliges | Ac | 1.5-1.75m MS | RB | As shown | 1 |
| | Acer cappadicum | Aca | 12-14cm girth | B | As shown | 1 |
| | Acer cappadicum 'Rubrum' | AcR | 12-14cm girth | B | As shown | 1 |
| | Acer davidii 'Madeline Spitta' | Ad | 8-10cm girth | B | As shown | 1 |
| | Acer griseum | Ag | 1.5-1.75m | 15L | As shown | 1 |
| | Acer palmatum 'Heptalobum Rubrum' | AHR | 1.25-1.5m | 25L | As shown | 1 |
| | Acer pensylvanicum | Ap | 6-8cm girth | B | As shown | 1 |
| | Acer pseudoplatanus 'Brilliantissimum' | AB | 1.75-2m | 10L | As shown | 1 |
| | Acer rufinerve | Ar | 6-8cm girth | B | As shown | 1 |
| | Acer saccharinum 'Temples Upright' | As | 6-8cm girth | B | As shown | 1 |
| | Aesculus 'Briotti' | AB | 10-12cm girth | B | As shown | 1 |
| | Aesculus hippocastanum | Ah | 16-18cm girth | B | As shown | 1 |
| | Alnus imperialis | Ai | 8-10cm girth | B | As shown | 3 |
| | Alnus incana 'Laciniata' | AL | 16-18cm girth | RB | As shown | 1 |
| | Arbutus unedo | Au | 1.5-1.75m | 45L | As shown | 1 |
| | Betula nigra | Bn | 8-10cm Fthd | B | As shown | 10 |
| | Betula pubescens | Bp | 8-10cm Fthd | B | As shown | 10 |
| | Cercidiphyllum japonicum | CJ | 1.25-1.5m | 25L | As shown | 1 |
| | Cercis 'Forest Pansy' | CF | 1.5-1.75m | 45L | As shown | 1 |
| | Cercis siliquastrum | Cs | 1.5-1.75m | 45L | As shown | 1 |
| | Davidia involucrata | Di | 2-2.5m | 25L | As shown | 1 |
| | Eucalyptus gunni | Eg | 2-2.5m | 25L | As shown | 1 |
| | Fagus sylvatica 'Riversii' | FR | 12-14cm girth | RB | As shown | 1 |
| | Fraxinus excelsior 'Pendula' | FP | 6-8cm girth | 25L | As shown | 1 |
| | Gingko biloba | Gb | 10-12cm girth | RB | As shown | 1 |
| | Koelreuteria paniculata | Ko | 6-8cm girth | 25L | As shown | 1 |
| | Liquidamber styraciflua | Ls | 12-14cm girth | B | As shown | 1 |
| | Liriodendron 'Aureomarginata' | LA | 10-12cm girth | RB | As shown | 1 |
| | Magnolia salicifolia | Ms | 1.5-1.75m | 45L | As shown | 1 |
| | Nyssa sylvatica | Ns | 2-2.5m | 45L | As shown | 1 |
| | Oxydendrum arboreum | Oa | 1.25-1.5m | 45L | As shown | 1 |
| | Parrotica persica | Pp | 1.25-1.5m | 25L | As shown | 1 |
| | Paulownia tormentosa | Pt | 1.25-1.5m | 25L | As shown | 1 |
| | Populus tremula | Ptr | 10-12cm girth | B | As shown | 6 |
| | Prunus cerasifera 'Nigra' | PcN | 12-14cm girth | B | As shown | 1 |
| | Prunus pissardii 'Nigra' | PpN | 12-14cm girth | B | As shown | 3 |
| | Prunus padus 'Watereri' | PW | 10-12cm girth | B | As shown | 8 |
| | Prunus sargentii | Psa | 10-12cm girth | B | As shown | 3 |
| | Prunus serrula | Pse | 10-12cm girth | B | As shown | 5 |
| | Prunus 'Shirogen' | PS | 10-12cm girth | B | As shown | 5 |
| | Prunus 'Umineko' | PU | 10-12cm girth | B | As shown | 3 |
| | Prunus yedoensis | Py | 10-12cm girth | B | As shown | 5 |
| | Pterocarya fraxinifolia | Pf | 6-8cm girth | B | As shown | 1 |
| | Pyrus salicifolia 'Pendula' | PsP | 10-12cm girth | RB | As shown | 1 |
| | Pyrus calleryana 'Chanticleer' | PcC | 10-12cm girth | B | As shown | 1 |
| | Quercus coccinea | Qc | 8-10cm girth | RB | As shown | 1 |
| | Quercus nigra | Qn | 8-10cm girth | RB | As shown | 1 |
| | Robinia 'Frisia' | RF | 8-10cm girth | B | As shown | 2 |
| | Salix alba | Sa | 12-14cm girth | B | As shown | 3 |
| | Salix x babylonica 'Pendula' | SaP | 12-14cm girth | B | As shown | 1 |
| | Sophora japonica | Sj | 6-8cm girth | 25L | As shown | 2 |
| | Taxodium distichum | Td | 1.75-2m | RB | As shown | 1 |
| | Bulbs | | | | | |
| | Cyclamen persicum | | | | | |
| | Galanthus nivalis | | | | | |
| | Narcissus 'Tete a Tete' | | | | | |

## 7.0 PERIMETER BOUNDARY TO A151

Existing planting retained and supplemented with native species hedges, trees and shrubs.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| | Trees | | | | | |
| | Prunus padus | PP | 12-14cm girth | RB | As shown | 7 |
| | Prunus avium 'Plena' | PA | 12-14cm girth | RB | As shown | 5 |
| | Cedrus atlantica | CA | 2.5-3.0m | CG | As shown | 1 |
| | Pyrus calleryana Chanticleer' | PcC | 10-12cm girth | B | As shown | 10 |
| 7.1 | Understorey Planting | | | | | |
| | Crataegus monogyna | | 60-90cm | BR | 1.7/m² | 240 |
| | Corylus avellana | | 60-90cm | BR | 1.7/m² | 240 |
| | Ilex aquifolium | | 60-90cm | BR | 1.7/m² | 160 |
| | Viburnum opulus | | 60-90cm | BR | 1.7/m² | 160 |
| | Hedges | | | | | |
| | Fagus sylvatica | FS(h) | 175-200cm | BR | 5/lm | 600 |
| | Crataegus monogyna | CM(h) | 90-120cm | BR | 5/lm | 850 |
| 7.2 | Bulbs | | | | | |
| | Crocus speciosus 'Oxonian' | | | | | |
| | Tulipa 'Greuze' | | | | | |
| | Narcissus 'Trousseau' | | | | | |
| | Narcissus 'Satin Pink' | | | | | |

NOTE: All bulbs to be supplied by Springfields.

## 8.0 TREE GRID ALONG WATERS EDGE

Large trees of striking form planted in a grid arrangement within level lawns eventually forming a continuous weeping canopy.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 8.0 | Trees | | | | | |
| | Salix x babylonica 'Pendula' | SaP | 16-18 | B | As shown | 9 |

## 9.0 FESTIVAL HILL BOULEVARD

Avenue of large evergreen trees creating a bold axis leading to Festival Hill.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 9.0 | Trees | | | | | |
| | Quercus ilex | QI | 16-18cm | B | As shown | 16 |

## 10.0 FESTIVAL HILL

A 'landmark' earthwork with viewing platform, sculpture and bulb displays.

KEY SPECIES
10.0 Star pattern constructed with timber edging. Bulbs to be planted in grass within timber edging. Only grass to be planted outside the timber edging.
Bulbs: Narcissus varieties.
Bulbs to be supplied by Springfields.

## 11.0 WOODLAND

Retained woodland to be managed and reinforced with native species to provide a backdrop to the gardens, shelter from prevailing winds and enhance opportunities for enjoyment.

### 11.1 ORNAMENTAL WOODLAND EDGE (FACING DUTCH GARDENS)

Family of species providing spring, summer and autumn interest (acid loving) with drifts of bulbs through the grass.

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 11.1 | Acer palmatum | 1.0-1.25m | 10L | 1/m² |
| | Acer palmatum 'Atropurpureum' | 1.8-2.0m | 25L | 1/m² |
| | Acer dissectum viridus | 1.0-1.25m | 10L | 1/m² |
| | Azalea japonica 'Hinomayo' | 30-40cm | 3L | 3/m² |
| | Azalea japonica 'Vuyks Scarlet' | 30-40cm | 3L | 3/m² |
| | Azalea japonica 'Palestrina' | 30-40cm | 3L | 3/m² |
| | Azalea deciduous 'Silver Slipper' | 60-80cm | 5L | 2/m² |
| | Azalea deciduous 'Bridesmaid' | 60-80cm | 5L | 2/m² |
| | Camellia x williamsii 'Donation' | 1.2-1.5m | RB | 1/m² |
| | Camellia japonica 'Lavinia Maggi' | 1.2-1.5m | RB | 1/m² |
| | Hamamelis 'Arnold Promise' | 1.2-1.5m | RB | 1/m² |
| | Hydrangea 'Ami Pasquier' | 40-60cm | 5L | 2/m² |
| | Hydrangea arborescens 'Grandiflora' | 40-60cm | 5L | 2/m² |
| | Hydrangea quercifolia | 40-60cm | 5L | 2/m² |
| | Hydrangea villosa | 40-60cm | 5L | 2/m² |
| | Ilex aquifolium 'Silver Queen' | 1.2-1.5m | RB | 1/m² |
| | Magnolia stellata | 1.0-1.2m | 10L | 1/m² |
| | Magnolia x soulangeana | 1.8-2.0m | RB | 1/m² |
| | Mahonia x Charity | 80-100cm | 10L | 2/m² |
| | Pieris 'Forest Flame' | 40-50cm | 10L | 1/m² |
| | Pieris 'Flaming Silver' | 40-50cm | 10L | 1/m² |
| | Prunus 'Otto Luyken' | 30-40cm | 3L | 3/m² |
| | Skimmia 'Rubella' | 30-40cm | 3L | 3/m² |
| | Skimmia 'Fructo Alba' | 30-40cm | 3L | 3/m² |
| | Viburnum davidii | 20-30cm | 3L | 3/m² |
| | Viburnum tinus | 80-100cm | 10L | 1/m² |
| | Bulbs | | | |
| | Cyclamen repandum | | | |
| | Scilla sibirica | | | |

### 11.2 UNDERSTOREY WITHIN CORE OF WOODLAND

All to be group planted with trees at 10-25 per group and shrubs at 5-10 per group. Alnus and corylus planted randomly with occassional groups.

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.2 | Understorey Planting | | | | |
| | Alnus glutinosa | 15 | 60-90cm | BR | 0.45/m² |
| | Corylus avellana | 25 | 60-90cm | BR | 0.45/m² |
| | Fraxinus excelsior | 12.5 | 60-90cm | BR | 0.45/m² |
| | Ilex aquifolium | 10 | 60-90cm | BR | 0.45/m² |
| | Pinus sylvestris | 2.5 | 60-90cm | BR | 0.45/m² |
| | Prunus avium | 5 | 60-90cm | BR | 0.45/m² |
| | Quercus robur | 25 | 60-90cm | BR | 0.45/m² |
| | Sambucus nigra | 2.5 | 60-90cm | BR | 0.45/m² |
| | Bulbs and Groundcover | | | | |
| | Allium sativum | | | | |
| | Narcissus bulbocodium | | | | |
| | Primula veris vulgaris | | | | |
| | Pulmonaria saccharata | | | | |

### 11.3 WOODLAND EDGE

To be planted on edge of existing woodland where ther is sufficient light. All to be planted at 1m centres; group planted at 5-50 per group; lonicera planted randomly.

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.3 | Acer campestre | 5 | 60-90cm | BR | 1/m² |
| | Alnus glutinosa | 10 | 60-90cm | BR | 1/m² |
| | Crataegus monogyna | 20 | 60-90cm | BR | 1/m² |
| | Corylus avellana | 42.5 | 60-90cm | BR | 1/m² |
| | Prunus spinosa | 15 | 60-90cm | BR | 1/m² |
| | Lonicera periclymenum | 2.5 | 60-90cm | BR | 1/m² |
| | Sambucus nigra | 5 | 60-90cm | BR | 1/m² |

### 11.4 HAZEL COPPICE

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 11.4 | Corylus avellana | 60-90cm | BR | 0.45/m² |
| | Bulbs | | | |
| | Scilla sibirica | | | |

### 11.5 BEECH STAND

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.5 | Planting Mix | | | | |
| | Fagus sylvatica | 40 | 60-90cm | BR | 0.45/m² |
| | Fraxinus excelsior | 20 | 60-90cm | BR | 0.45/m² |
| | Ilex aquifolium | 10 | 60-90cm | BR | 0.45/m² |
| | Sambucus nigra | 15 | 60-90cm | BR | 0.45/m² |
| | Viburnum opulus | 15 | 60-90cm | BR | 0.45/m² |
| | Tree planting | | | | |
| | Fagus sylvatica | | 6-8cm girth | RB | As shown |
| | Bulbs | | | | |
| | Anemone x fulgens | | | | |
| | Fritillaria pallidiflora | | | | |
| | Galanthus nivalis | | | | |
| | Narcissus 'Actaea' | | | | |

### 11.6 SWEET CHESTNUT COPPICE

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 11.6 | Castanea sativa | 0.9-1.2m | BR | 0.45/m² |
| | Herbaceous | | | |
| | Digitalis purpurea 'Foxy' | | 1L | 3/m² |

### 11.7 CHERRY STAND

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.7 | Planting Mix | | | | |
| | Amelanchier lamarckii | 10 | 60-90cm | BR | 0.45/m² |
| | Cornus sanguinea | 30 | 60-90cm | BR | 0.45/m² |
| | Prunus avium 'Plena' | 20 | 1.75-2.0m | BR | 0.25/m² |
| | Prunus padus | 20 | 1.5-1.75m | BR | 0.25/m² |
| | Sorbus torminalis | 20 | 1.5-2.0m | BR | 0.25/m² |
| | Tree planting | | | | |
| | Prunus avium 'Plena' | PP | 6-8cm girth | RB | As shown |
| | Bulbs | | | | |
| | Allium neapolitanum | | | | |
| | Cyclamen persicum 'Kaori Series' | | | | |
| | Fritillaria meleagris | | | | |
| | Iris chrysographes | | | | |
| | Wild garlic | | | | |

### 11.8 TRAILS

Routes through woodland flanked by seasonal, native woodland bulbs and groundcover

| KEY | SPECIES | TYPE | SPACING |
|---|---|---|---|
| 11.8 | Groundcover | | |
| | Brunnera macrophylla | 1L | 5/m² |
| | Epimedium vers. 'Sulphureum' | 1L | 5/m² |
| | Digitalis purpurea 'Alba' | 1L | 3/m² |
| | Helleborus orientalis | 1L | 5/m² |
| | Bulbs | | |
| | Crocus 'Snow Bunting' | | |
| | Cyclamen neapolitanum | | |
| | Fritillaria pallidiflora | | |
| | Hyacinthoides 'L'Innocence' | | |
| | Zantedeschia 'Crowborough' | | |

### 11.9 EVERGREEN WOODLAND SCREEN

Woodland belt containing typical evergreen species, eg pines, rhododendrons and pines.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.9 | Trees | | | | |
| | Larix decidua | LD | 1.75-2.0m | 25L | As shown |
| | Pinus nigra | PN | 1.75-2.0m | 75L | As shown |
| | Pinus sylvestris | PS | 1.75-2.0m | 75L | As shown |

## 12.0 PERIMETER BOUNDARY TO A16

Stylised earthworks and planting to provide an interesting edge to the gardens.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 12.1 | Willow Stands: | | | | | |
| | Salix x rubens 'Busfordiana' | | 16-18cm girth | RB | 3 No. per mound | 21 |
| | Salix x rubens 'Busfordiana' | | 1.75-2.0m | | 12 No. per mound | 84 |
| 12.2 | Mound Planting | | | | | |
| | Salix daphnoides (violet) | | 60-80cm | BR | 3/m² | 900 |
| | Salix vitellina (golden yellow) | | 60-80cm | BR | 3/m² | 900 |
| | Salix 'Chermisiana' (orange/red) | | 60-80cm | BR | 3/m² | 900 |
| 12.3 | Hedges | | | | | |
| | Ilex aquifolium | IA(h) | 60-90cm | RB | 5/lm | 770 |
| | Crataegus monogyna | CM(h) | 90-120cm | BR | 5/lm | 1300 |
| 12.4 | Bulbs | | | | | |
| | Narcissus varieties | | | | | |

NOTE: All bulbs to be supplied by Springfields.

## 13.0 CONCESSIONS

Coracle setting with stylised landscape and earth mounding with bulb planting, single species reeds and rushs to the waters edge.

| KEY | SPECIES | TYPE | SPACING |
|---|---|---|---|
| 13.0 | Butomus umbellatus | P9 | 3/m² |
| | Lysichiton americanus | 1L | 3/m² |
| | Butomus umbellatus | 1L | 2/m² |
| | Typha minima | 1L | 2/m² |

## 14.0 CHILDREN'S PLAY AREA

Non poisonous and non harmful planting

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.4 | Understorey Planting | | | | |
| | Acer campestre | 15 | 60-90cm | BR | 0.45/m² |
| | Crataegus monogyna | 35 | 60-90cm | BR | 0.45/m² |
| | Corylus avellana | 20 | 60-90cm | BR | 0.45/m² |
| | Cornus sanguinea | 15 | 60-90cm | BR | 0.45/m² |
| | Ilex aquifolium | 5 | 60-90cm | BR | 0.45/m² |
| | Viburnum opulus | 10 | 60-90cm | BR | 0.45/m² |
| | Bulbs and Groundcover | | | | |
| | Allium sativum | | | | |
| | Narcissus bulbocodium | | | | |
| | Primula veris vulgaris | | | | |
| | Pulmonaria saccharata | | | | |

## SHOWCASE GARDENS

Attractive themed gardens displaying different garden types and planting techniques

### 17.0 CONTEMPORARY GARDEN

Use of bold, lush planting in partnership with modern materials.

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| | | 60-80cm | 10L | 0.25/m² |
| | | 40-60cm | 5L | 0.45/m² |
| 17.0 | Shrubs | | | |
| | Cordyline australis | 20-30cm | 2L | 8/m² |
| | Fatsia japonica | 15-20cm | 2L | 8/m² |
| | | 20-30cm | 2L | 5/m² |
| | Grasses | 20-30cm | 2L | 3/m² |
| | Carex 'Evergold' | 20-30cm | 2L | 2/m² |
| | Festuca glauca | | | |
| | Luzula sylvatica marginata | | | |
| | Miscanthus 'Gracillimus' | 15-20cm | 2L | |
| | Stipa gigantea | | | |
| | Bulbs | | | |
| | Allium gigantea | | | |
| | Nerine bowdeni | | | |

### 20.0 JAPANESE GARDEN

Themed planting including pruned topiary clouds and hummocks, rocks, gravel and pavilion structure.

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 20.0 | Trees | | | |
| | Betula jacquemontii (multi-stem) | 2.0-2.5m | RB | 0.25/m² |
| | Cornus kousa | 0.6-0.8m | 10-12L | 0.45/m² |
| | Shrubs | | | |
| | Acer palmatum | 1.8-2.0m | 25L | 1/m² |
| | Acer palmatum 'Atropurpureum' | 1.8-2.0m | 25L | 1/m² |
| | Acer 'Dissectum Viridus' | 1.2-1.5m | 15L | 1/m² |
| | Aralia elata | 0.9-1.2m | 15L | 1/m² |
| | Azalea japonica | 40-60cm | 5L | 3/m² |
| | Azalea (deciduous) | 80-100cm | 10L | 2/m² |
| | Camellia x williamsii 'Donation' | 1.8-2.0m | RB | 1/m² |
| | Pieris floribunda | 30-40cm | 3L | 3/m² |
| | Phyllostachys nigra | 1.5-1.75m | 20L | 1/m² |
| | Climbers | | | |
| | Wisteria sinensis | 1.5-2.0m | 10L | 0.25/m² |

### 21.0 FORMAL GARDENS

Full, opulent herbaceous borders with 'structural'shrubs, manicured lawns, dwarf box hedging and topiary.

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 21.0 | Mixed topiary shapes: | | | |
| | Buxus sempervirens | | | |
| | Ilex aquifolium | | | |
| | Shrubs: | | | |
| | Choisya ternata | 40-60cm | 10L | 1/m² |
| | Hydrangea 'White Wave' | 40-60cm | 5L | 1/m² |
| | Lavandula spica 'Hidcote' | 30-40cm | 3L | 3/m² |
| | Philadelphus 'Belle E'toile' | 40-60cm | 5L | 1/m² |
| | Spiraea 'Snowmound' | 60-90cm | 10L | 1/m² |
| | Herbaceous | | | |
| | Acanthus spinosus | | 2L | 3/m² |
| | Aconitum 'Bressingham Spire' | | 2L | 3/m² |
| | Alchemilla mollis | | 2L | 3/m² |
| | Achillea ptarmica 'The Pearl' | | 2L | 3/m² |
| | Allium giganteum | | 2L | 3/m² |
| | Artemisa 'Powis Castle' | | 2L | 3/m² |
| | Campanula 'Superba' | | 2L | 3/m² |
| | Cimicifuga racemosa | | 2L | 3/m² |
| | Delphinium elatum 'Vespers' | | 2L | 3/m² |
| | Delphinium elatum 'Mighty Atom' | | 2L | 3/m² |
| | Echinops ritro | | 2L | 3/m² |
| | Euphorbia amygloides 'Purpurea' | | 2L | 3/m² |
| | Euphorbia amygloides 'Robbiae' | | 2L | 3/m² |
| | Euphorbia wulfenii | | 2L | 3/m² |
| | Geranium 'Johnsons Blue' | | 2L | 3/m² |
| | Helleborus foetidissima | | 2L | 3/m² |
| | Helleborus orientalis | | 2L | 3/m² |
| | Heuchera 'Palace Purple' | | 2L | 3/m² |
| | Hosta 'Thomas Hogg' | | 2L | 3/m² |
| | Hosta 'Royal Standard' | | 2L | 3/m² |
| | Iris germanica | | 2L | 3/m² |
| | Kniphofia 'Percys Pride' | | 2L | 4/m² |
| | Liatris spicata 'Kobold' | | 2L | 3/m² |
| | Lupinus polyphyllus 'Russel Hybrid' | | 2L | 3/m² |
| | Physostegia 'Summer Snow' | | 2L | 4/m² |
| | Rodgersia aescufolia | | 2L | 4/m² |
| | Salvia 'East Freisland' | | 2L | 3/m² |
| | Sedum 'Autumn Joy' | | 2L | 3/m² |
| | Stachys lanata | | 2L | 3/m² |
| | Climbers | | | |
| | Clematis 'Jackmanii' | 1.0-1.5m | 10L | 0.25/m² |
| | Clematis 'Henryi' | 1.0-1.5m | 10L | 0.25/m² |
| | Hedera 'Hibernica' | 1.0-1.5m | 5L | 0.25/m² |
| | Hedera helix 'Eve' | 1.0-1.5m | 5L | 0.25/m² |
| | Rosa 'Alberic Barbier' | 1.0-1.5m | 10L | 0.25/m² |
| | Wisteria sinensis | 1.0-1.5m | 10L | 0.25/m² |
| | Bulbs | | | |
| | Allium rosenbachiuanum | | | |
| | Dahlia 'White Klankstad' | | | |
| | Dahlia 'Betty Bowen' | | | |
| | Gladiolus 'Robin' | | | |
| | Lillium 'Imperial Crimson' | | | |
| | Lillium candidum | | | |

### 22.0 SOUTH WESTERN BOUNDARY PLANTING

| KEY 22.0 | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| | Trees | | | | | |
| | Betula pendula | Bp | 10-12cm girth | B | As shown | 5 |
| | Crataegus monogyna 'Stricta' | CmS | 10-12cm girth | B | As shown | 3 |
| | Quercus ilex | QI | 12-14cm girth | B | As shown | 6 |
| | Quercus robur | Qr | 8-10cm girth | RB | As shown | 1 |
| | Salix alba caerulea | Sc | 12-14cm girth | B | As shown | 3 |
| | Sorbus hupehensis | Sh | 10-12cm girth | B | As shown | 28 |
| | Sorbus majestica | Sm | 12-14cm girth | B | As shown | 6 |
| | Climbers | | | | | |
| | Hedera helix 'Eva' | | 100-150cm | 10L | 0.5/lin m | 16 |
| | Hedera hibernica | | 80-100cm | 5L | 0.5/lin m | 16 |
| | Jasminum off. 'Fiona Sunrise' | | 100-150cm | 3L | 0.5/lin m | 16 |
| | Parthenicissus 'Veitchii' | | 100-150cm | 10L | 0.5/lin m | 16 |
| | Wisteria sinensis | | 100-150cm | 10L | 0.5/lin m | 16 |
| | Bulbs | | | | | |
| | Narcissus 'Pride of Cornwall' | | | | | |
| | Tulipifera 'Queen of the Night' | | | | | |
| | Tulipifera 'White Emperor' | | | | | |

## NOTES:

All planting material to be selected and reserved at approved nursery by the Landscape Architect.
No substitutions to be made without approval.
All bulbs to be supplied by Springfields.
All trees planted in grass to be mulched around base - 600mm diameter.
All Grass areas to be laid with turf.
Area to be mulched with 75mm medium grade pine bark mulch except for island jungle area - coco mulch.
All hedges to be mulched.

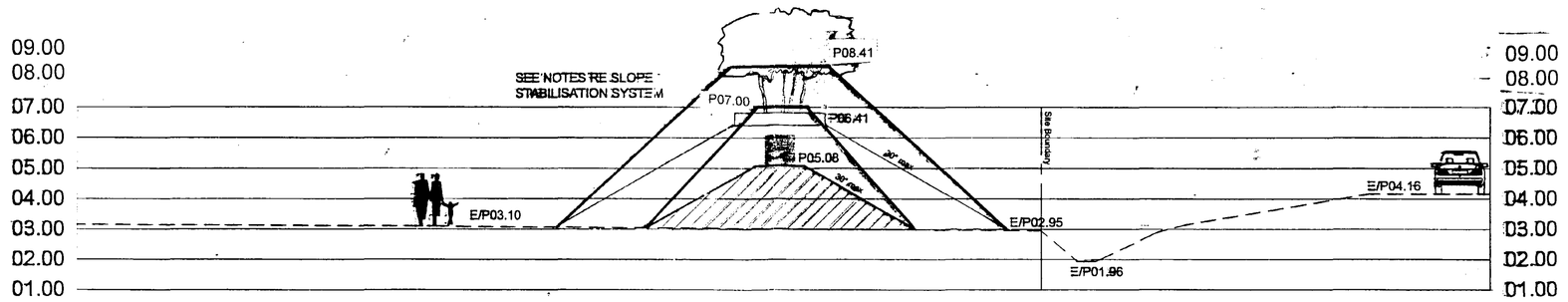
Rev C 03.07.03 PGG Update in line with General Arrangement M872.02D
Rev B 28.11.02 PGG Omit items 23 and 24. General amendments to layout.
Rev A 28.06.02 PGG General Amendments to Layout

PLANTING PROPOSALS
Springfields Festival Gardens, Factory Outlet Centre, Spalding
For: Thornfield Properties

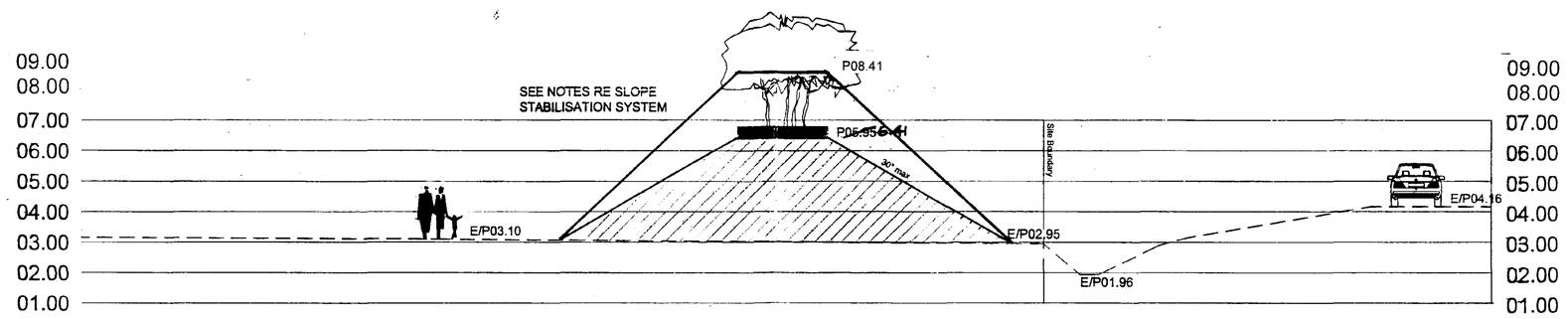
M 872.RM08C 1:500 March 2002

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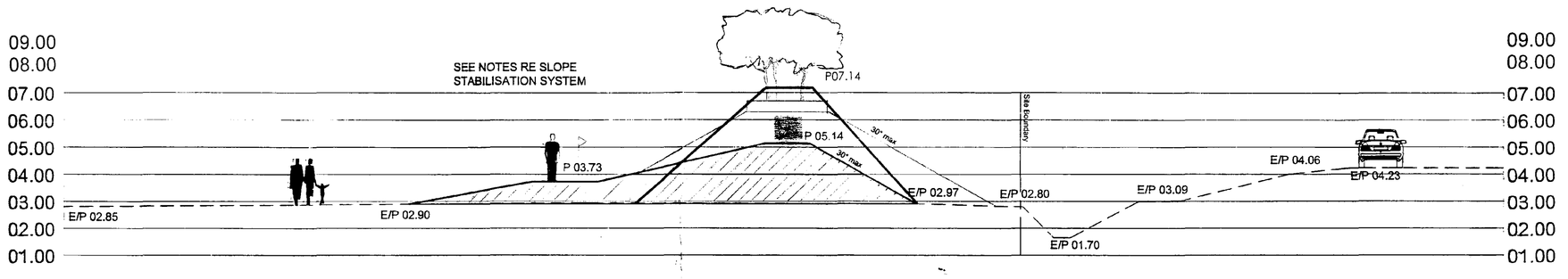
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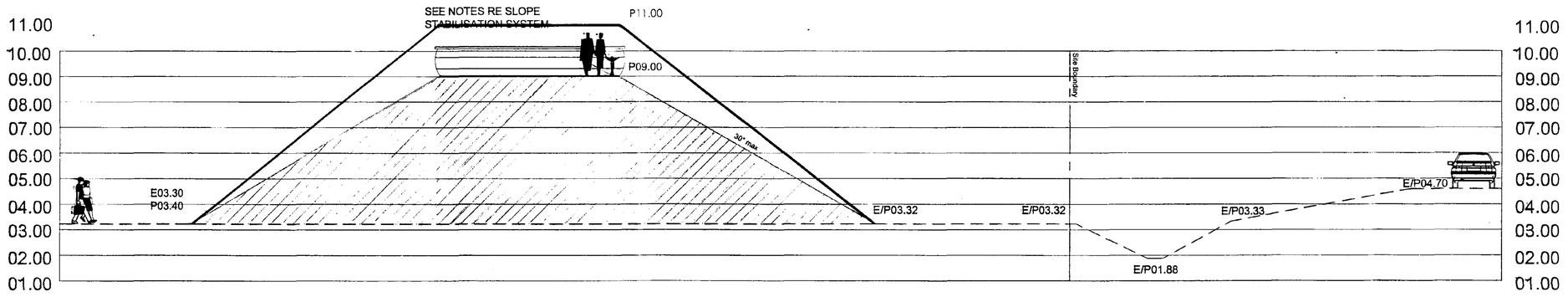

## Section AA A16 Boundary Treatment 1/100



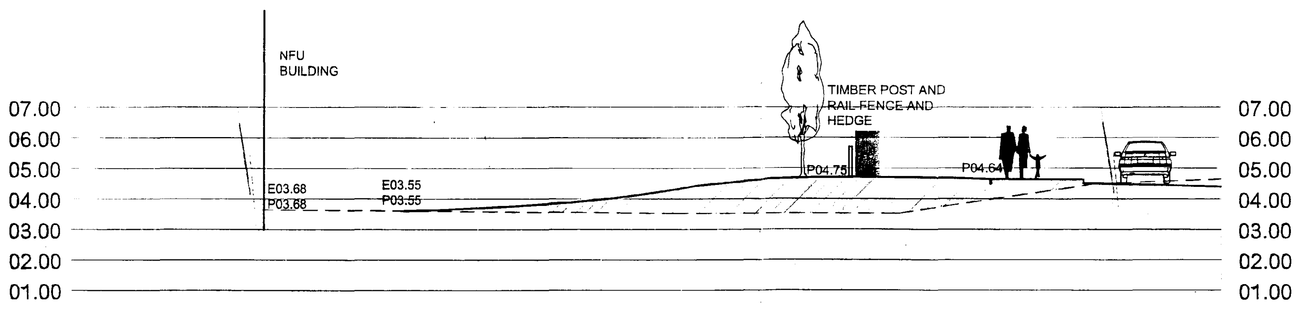

## Section BB A16 Boundary Treatment 1/100




## Section CC A16 Boundary Treatment & Mini Golf 1/100




## Section DD Festival Hill 1/100




## Section EE A151 Boundary Treatment adjacent to New Roundabout 1/100

# NOTE

All slopes to be constructed to a maximum angle of 30° using 'Biomac' Soil Blankets by

Maccaferri Environmental Solutions
7400 The Quorum
Oxford Buisness Park North
Garsington Road
Oxford OX4 2JZ
Tel 01865 770555

REV. B. 7.7.03 Indicate proposed new profiles

Rev A 28.06.02 PGG Remove steps to Festival Hill

PROPOSED EARTHWORKS SECTIONS
Reserved Matters Application

Springfields Festival Gardens
Retail Outlet Village, Spalding

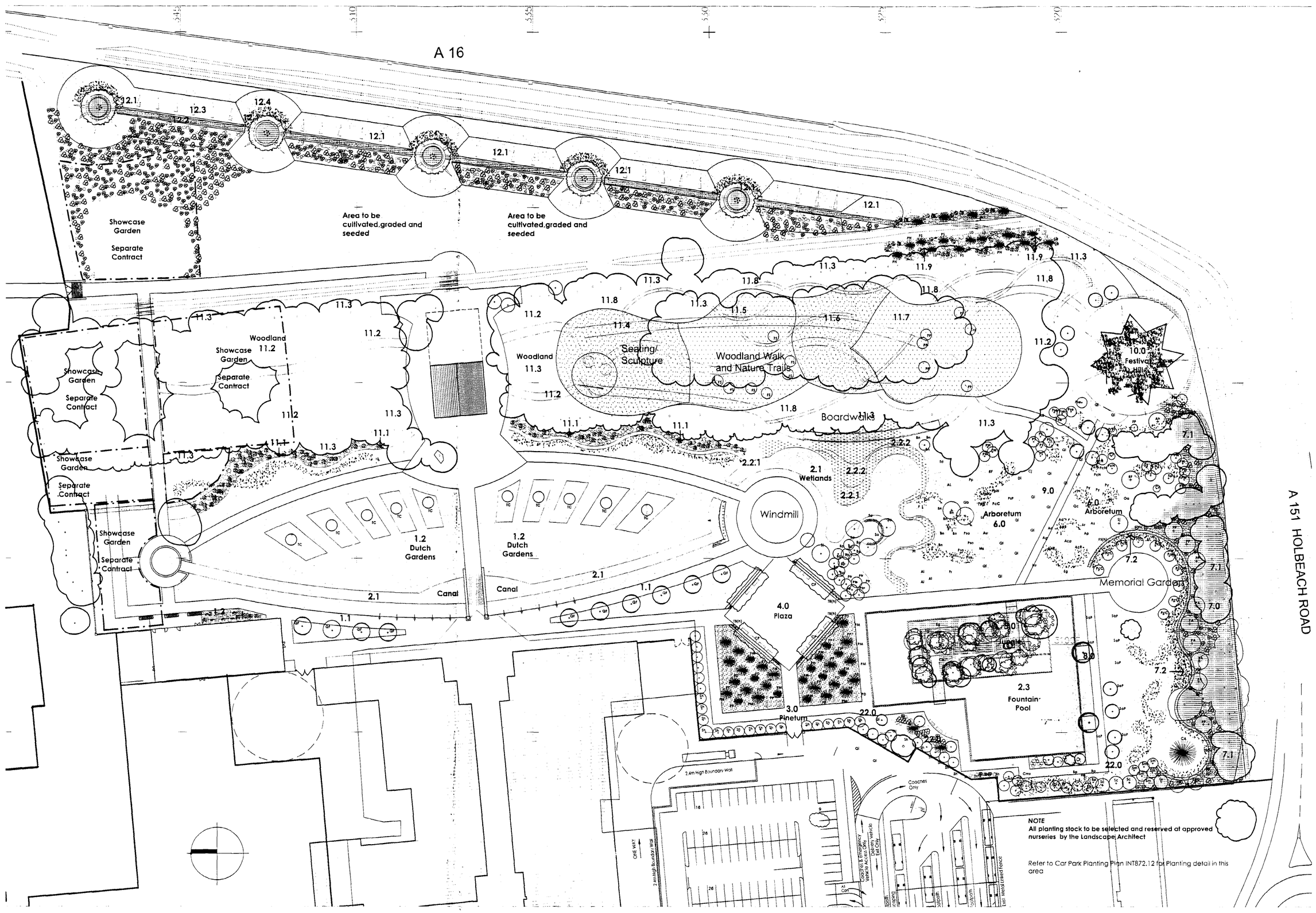
For: Thornfield Properties plc

M872/RM05.B 1:100 Dec 2001

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## 1.0 ENTRANCE SPACE

### 1.1 ARRIVAL SPACE

Avenue of semi mature trees with columnar form crowding a strong vertical axis between the buildings and gardens

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 1.1 | Trees | | | | | |
| | Quercus robur 'Fastigiata' | QF | 20-25cm | RB | As shown | 10 |
| 1.2 | Planting Beds | | | | | |
| | Shrubs | | | | | |
| | Choisya ternata | | 10L | | 1/m² | 10 |
| | Hydrangea 'White Wave' | | 5L | | 1/m² | 10 |
| | Lavandula spica 'Hidcote' | | 3L | | 3/m² | 30 |
| | Philadelphus 'Belle Etoile' | | 5L | | 1/m² | 10 |
| | Spirea 'Snowmound' | | 10L | | 1/m² | 10 |
| | Herbaceous | | | | | |
| | Alchemilla mollis | | 2L | | 3/m² | 12 |
| | Allium giganteum | | 2L | | 3/m² | 12 |
| | Delphinieum elatum 'Vespers' | | 2L | | 3/m² | 12 |
| | Delphinieum elatum 'Mighty Atom' | | 2L | | 3/m² | 12 |
| | Euphoria amygdoides 'Robbiae' | | 2L | | 3/m² | 12 |
| | Geranium 'Johnson's Blue' | | 2L | | 3/m² | 12 |
| | Helleborus foetidissimo | | 2L | | 3/m² | 12 |
| | Helleborus orientalis | | 2L | | 3/m² | 12 |
| | Heuchera 'Palace Purple' | | 2L | | 3/m² | 12 |
| | Hosta 'Thomas Hogg' | | 2L | | 3/m² | 12 |
| | Kniphofia 'Percy's Pride' | | 2L | | 3/m² | 12 |
| | Salvia 'East Friesland' | | 2L | | 3/m² | 12 |
| | Sedum 'Autumn Joy' | | 2L | | 3/m² | 12 |

### 1.2 DUTCH GARDENS

An avenue of semi mature trees with columnar form crowding a strong vernca axis between the buildings and gardens.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 1.21 | Taxus baccata cones | TC | 4m high | CG | As shown | 10 |

**1.22** Bulb displays
Planted within the beds at the base of each taxus cone.
Planted in front of the ornamental woodland edge, as shown on plan.

## 2.0 WATER FEATURES

Waterbodies each with a distinctive character providing spatial containment and amenity

### 2.1 CANAL

Water body with its densely planted to both edges. To be planted using Bio-Rolls by Greenfix. refer to Camel Detail for specification. Greenfix - Tel: 01242 700090.

| KEY | SPECIES | Length Required |
|---|---|---|
| 2.1 | Iris Bio-Rolls | 315m |

### 2.2 WETLAND

Wetland area to be planted with native species to promote diverse flora and fauna.

| KEY | SPECIES | % MIX | TYPE | SPACING | NO. |
|---|---|---|---|---|---|
| 2.2.1 | Aquatics | | | | |
| | Ceratophyllum demersum | 10 | P7 | 5/m² | 115 |
| | Myriophyllum spicatum | 10 | P7 | 5/m² | 115 |
| | Nuphar lutea | 10 | P7 | 5/m² | 115 |
| | Polygonum amphibium | 20 | P7 | 5/m² | 230 |
| | Potamogeton natans | 20 | P7 | 5/m² | 230 |
| | Sagittaria sagittifolia | 10 | P7 | 5/m² | 115 |
| | Scirpus lacustris | 20 | P7 | 5/m² | 230 |
| 2.2.2 | Marginals | | | | |
| | Alisma plantago aquatica | 5 | P7 | 5/m² | 75 |
| | Apium nodiflorum | 5 | P7 | 5/m² | 75 |
| | Butomus umbellatus | 10 | P7 | 5/m² | 155 |
| | Eleocharis palustris | 15 | P7 | 5/m² | 210 |
| | Mentha aquatica | 5 | P7 | 5/m² | 75 |
| | Myosotis scorpioides | 10 | P7 | 5/m² | 155 |
| | Nasturium officinale | 15 | P7 | 5/m² | 210 |
| | Rorippa amphibia | 5 | P7 | 5/m² | 75 |
| | Rumex hydrolapathum | 5 | P7 | 5/m² | 75 |
| | Sparganium erectum | 5 | P7 | 5/m² | 75 |
| | Typha angustifolia | 20 | P7 | 5/m² | 270 |

### 2.3 FOUNTAIN POOL

| KEY | SPECIES | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|
| 2.4 | Nymphaea alba | 1L | CG | 0.25/m² | 40 |
| | Nymphaea 'Escarboucle' | 1L | CG | 0.25/m² | 40 |
| | Nymphaea 'Virginia' | 1L | CG | 0.25/m² | 40 |
| | Nymphaea x laydaken 'Fulgens' | 1L | CG | 0.25/m² | 40 |
| | Nymphaea marliacea 'Carnea' | 1L | CG | 0.25/m² | 40 |

## 3.0 PINETUM

An arrangement of pines with some mulch.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 3.0 | Pinus densiflora | PD | 225-250cm | RB | As shown | 11 |
| | Pinus mugo | PM | 225-250cm | RB | As shown | 15 |
| | Pinus ponderosa | PP | 175-200cm | RB | As shown | 12 |

## 4.0 PLAZA

A formal square with perimeter planting comprising pleached hornbeam and wire neaging. Seats to be arranged in front of the hedge. Sections buckboarding display to be planted within the areas between the seating.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 4.0 | Preaching | CP | 20-25cm | RB | 2.0m cts. | 19 |
| | Carpinus betulus | | | | | |
| | Hedge | | | | | |
| | Taxus baccata | Tb(h) | 120cm | RB | 3.5/lin m | 189 |
| | Bulbs | | | | | |
| | Tulipa 'White Emperor' | | | | | |

## 5.0 JUNGLE

Lush, bold, 'architectural style' planting with large leaves, contrasting foliage, 'hot' coloured flowers and a network of timber pleached jungle paths.
Entire island to be mulched with 750mm deep coco mulch.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 5.0 | Trees | | | | | |
| | Catalpa bignonioides | Cb | 8-10cm | RB | As shown | 1 |
| | Catalpa bignonioides 'Aurea' | CbA | 8-10cm | RB | As shown | 1 |
| | Eucalyptus gunii | Eg | 8-10cm | RB | As shown | 2 |
| | Eucalyptus niphophila | En | 8-10cm | RB | As shown | 1 |
| | Shrubs, Grasses, Ferns, Bamboos | | | | | |
| | Arundinaria nitida | | 2.5-3.0m | 25L | 0.25/m² | 10 |
| | Dicksonia antarctica | | 1.5-1.75m | 20L | 0.25/m² | 10 |
| | Fatsia japonica | | 1.5-1.75m | 20L | 0.25/m² | 10 |
| | Phyllostachys nigra + aurea | | 2.5-3.0m | 25L | 0.25/m² | 10 |
| | Trachycarpus fortunei | | 1.75-2.0m | 20L | 0.25/m² | 10 |
| | Sasa palmata | | 30-50cm | 3L | 3/m² | 100 |
| | Blechnum spicant | | 30-40cm | 5L | 3/m² | 100 |
| | Osmunda regalis | | 30-40cm | 5L | 3/m² | 100 |
| | Polystichum munitum | | 30-40cm | 3L | 3/m² | 100 |
| | Herbaceous | | | | | |
| | Gunnera manicata | | | 5L | 3/m² | 100 |
| | Hosta sieboldiana | | | 3L | 3/m² | 100 |
| | Lysimachia 'Firecracker' | | | 2L | 5/m² | 165 |
| | Lobelia cardinalis | | | 2L | 5/m² | 165 |
| | Ricinus 'Impala' | | | 3L | 5/m² | 165 |
| | Climbers | | | | | |
| | Passiflora caerulea | | 60-90cm | 3L | 1/m² | 15 |
| | Vitis coignetiae | | 60-90cm | 3L | 1/m² | 15 |
| | Bulbs | | | | | |
| | Crenna 'Stella x 'Durban' | | | | | |
| | Crocosmia 'Lucifer' | | | | | |
| | Dahlia 'Bednall Beauty' | | | | | |
| | Hemerocallis | | | | | |
| | Zantedeschia 'Crowborough' | | | | | |

## 6.0 ARBORETUM

Unusual specimen trees chosen for their seasonal and botanical interest. Bulbs to be planted in drifts and occasional groupings to the bases of individual trees.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 6.0 | Trees | | | | | |
| | Acer campbellii | Ac | 1.5-1.75m MS | RB | As shown | 1 |
| | Acer cappodicum | Aca | 12-14cm girth | B | As shown | 1 |
| | Acer cappodicum 'Rubrum' | AcR | 12-14cm girth | B | As shown | 1 |
| | Acer davidii 'Madeline Sattra' | Ad | 8-10cm girth | B | As shown | 1 |
| | Acer griseum | Ag | 1.5-1.75m | 15L | As shown | 1 |
| | Acer palmatum 'Heptalobum Rubrum' | AHR | 1.25-1.5m | 25L | As shown | 1 |
| | Acer pensylvanicum | Ap | 6-8cm girth | B | As shown | 1 |
| | Acer pseudoplatanus 'Brilliantissimum' | AB | 1.75-2m | 10L | As shown | 1 |
| | Acer rufinerve | Ar | 6-8cm girth | B | As shown | 1 |
| | Acer saccharinum 'Temales Uprignt' | At | 6-8cm girth | B | As shown | 1 |
| | Aesculus 'Briotii' | Ab | 10-12cm girth | B | As shown | 1 |
| | Aesculus hippocastanum | Ah | 16-18cm girth | B | As shown | 1 |
| | Ainus imperalis | Ai | 8-10cm girth | B | As shown | 3 |
| | Ainus incana 'Laciniata' | AL | 16-18cm girth | RB | As shown | 1 |
| | Arbutus unedo | Au | 1.5-1.75m | 45L | As shown | 1 |
| | Betula nigra | Bn | 8-10cm Rtd | B | As shown | 10 |
| | Betula pubescens | Bp | 8-10cm Rtd | B | As shown | 10 |
| | Cercidiphyllum japonicum | C-J | 1.25-1.5m | 25L | As shown | 1 |
| | Cercis 'Forest Pansy' | CF | 1.5-1.75m | 45L | As shown | 1 |
| | Cercis siliquastrum | C-S | 1.5-1.75m | 45L | As shown | 1 |
| | Davidia involucrata | D | 2-2.5m | 25L | As shown | 1 |
| | Eucalyptus gunnii | Eg | 2-2.5m | 25L | As shown | 1 |
| | Fagus sylvatica 'Riversii' | FR | 12-14cm girth | RB | As shown | 1 |
| | Fagus sylvatica 'Pendula' | FP | 6-8cm girth | 25L | As shown | 1 |
| | Gingko biloba | Gb | 10-12cm girth | RB | As shown | 1 |
| | Koelreuteria paniculata | Ko | 6-8cm girth | 25L | As shown | 1 |
| | Liquidamber styraciflola | Ls | 12-14cm girth | RB | As shown | 1 |
| | Liriodendron 'Aureomargnata | LA | 10-12cm girth | RB | As shown | 1 |
| | Magnolia salicifolia | Ms | 1.5-1.75m | 45L | As shown | 1 |
| | Nyssa sylvatica | Ns | 2-2.5m | 45L | As shown | 1 |
| | Oxydendrum arboreum | Oa | 1.25-1.5m | 45L | As shown | 1 |
| | Parrotica persica | Pp | 1.25-1.5m | 25L | As shown | 1 |
| | Paulownia tormentosa | Pt | 1.25-1.5m | 25L | As shown | 1 |
| | Populus tremula | Ptr | 10-12cm girth | B | As shown | 6 |
| | Prunus cerasifera 'Nigra' | PcN | 12-14cm girth | B | As shown | 5 |
| | Prunus pissardi 'Nigra' | PpN | 12-14cm girth | B | As shown | 3 |
| | Prunus padus 'Waterei' | PW | 10-12cm girth | B | As shown | 8 |
| | Prunus sargentii | Psg | 10-12cm girth | B | As shown | 5 |
| | Prunus serrula | Pse | 10-12cm girth | B | As shown | 5 |
| | Prunus 'Shirogen' | PS | 10-12cm girth | B | As shown | 5 |
| | Prunus 'Umineko' | PU | 10-12cm girth | B | As shown | 3 |
| | Prunus vedoensis | Pv | 10-12cm girth | B | As shown | 3 |
| | Pterocarya fraxinifolia | Pf | 6-8cm girth | B | As shown | 1 |
| | Pyrus salicifolia 'Pendula' | PsP | 10-12cm girth | RB | As shown | 1 |
| | Pyrus calleryana 'Chanticleer' | PcC | 10-12cm girth | B | As shown | 1 |
| | Quercus coccinea | Qc | 8-10cm girth | RB | As shown | 1 |
| | Quercus nigra | Qn | 8-10cm girth | RB | As shown | 1 |
| | Quercus rubra | QR | 8-10cm girth | B | As shown | 2 |
| | Salix alba | Sa | 12-14cm girth | B | As shown | 1 |
| | Salix x babylonica 'Pendula' | SaP | 12-14cm girth | B | As shown | 1 |
| | Sophora japonica | Sj | 6-8cm girth | 25L | As shown | 2 |
| | Taxodium distichum | Td | 1.75-2m | RB | As shown | 1 |
| | Bulbs | | | | | |
| | Cyclamen persicum | | | | | |
| | Galanthus nivalis | | | | | |
| | Narcissus 'Tete a Tete' | | | | | |

## 7.0 PERIMETER BOUNDARY TO A151

Existing planting retained and supplemented with native species hedges, trees and shrubs.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| | Trees | | | | | |
| | Prunus padus | PP | 12-14cm girth | RB | As shown | 7 |
| | Prunus avium 'Plena | PA | 12-14cm girth | RB | As shown | 5 |
| | Cedrus atlantica | CA | 2.5-3.0m | CG | As shown | 1 |
| | Pyrus calleryana 'Chanticleer' PcC | | 10-12cm girth | B | As shown | 10 |
| 7.1 | Understorey Planting | | | | | |
| | Crataegus monogyna | | 60-90cm | BR | 1.7/m² | 240 |
| | Corylus avellana | | 60-90cm | BR | 1.7/m² | 240 |
| | Ilex aquifolium | | 60-90cm | RB | 1.7/m² | 160 |
| | Viburnum opulus | | 60-90cm | BR | 1.7/m² | 160 |
| | Hedges | | | | | |
| | Fagus sylvatica | FS(h) | 175-200cm | BR | 5/lm | 600 |
| | Crataegus monogyna | CM(h) | 90-120cm | BR | 5/lm | 850 |
| 7.2 | Bulbs | | | | | |
| | Crocus speciosus 'Oxonian' | | | | | |
| | Tulipa 'Greuze' | | | | | |
| | Narcissus 'Trousseau | | | | | |
| | Narcissus 'Satin Pink' | | | | | |

NOTE All bulbs to be supplied as 'bin grades'.

## 8.0 TREE GRID ALONG WATERS EDGE

Large trees at viewing form planted in a grid arrangement with a level lawns eventually forming a continuous weeping canopy.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 8.0 | Trees | | | | | |
| | Salix x babylonica 'Pendula' | SaP | 16-18 | B | As shown | 9 |

## 9.0 FESTIVAL HILL BOULEVARD

Avenue of large evergreen trees creating a bold axis leading to Festival Hill.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 9.0 | Trees | | | | | |
| | Quercus ilex | QI | 16-18cm | B | As shown | 16 |

## 10.0 FESTIVAL HILL

A 'spiral mound' earthwork with viewing platform, sculpture and bold displays.

| KEY | SPECIES |
|---|---|
| 10.0 | Star pattern constructed with timber edging. Bulbs to be planted in turf within timber edging. Turf to be cut outside the timber edging. Bulbs: Narcissus varieties. |

## 11.0 WOODLAND

Retained woodland to be managed and reinforced with native species to provide a backdrop to the gardens, shelter from prevailing winds and enhance opportunities for enjoyment.

UNDERSTOREY WITHIN CORE OF WOODLAND

Allow for 250 m2

**11.2** As to be group planted with trees at 10-25 per group and shrubs at 5-10 per group. Ainus and corylus planted randomly with occassional groups.

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.2 | Understorey Planting | | | | |
| | Ainus glutinosa | 15 | 60-90cm | BR | 0.45/m² |
| | Corylus avellana | 25 | 60-90cm | BR | 0.45/m² |
| | Fraxinus excelsior | 12.5 | 60-90cm | BR | 0.45/m² |
| | Ilex aquifolium | 10 | 60-90cm | BR | 0.45/m² |
| | Pinus sylvestris | 2.5 | 60-90cm | BR | 0.45/m² |
| | Prunus avium | 5 | 60-90cm | BR | 0.45/m² |
| | Quercus robur | 25 | 60-90cm | BR | 0.45/m² |
| | Sambucus nigra | 2.5 | 60-90cm | BR | 0.45/m² |
| | Bulbs and Grounacover | | | | |
| | Allium sativum | | | | |
| | Narcissus bulbocodium | | | | |
| | Primula veris vulgaris | | | | |
| | Pulmonaria saccharata | | | | |

## 11.1 ORNAMENTAL WOODLAND EDGE (FACING DUTCH GARDENS)

Family of species providing spring, summer and autumn interest (cool saving) with drifts of bulbs through the grass.

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 11.1 | Acer palmatum | 1.0-1.25m | 10L | 1/m² |
| | Acer palmatum 'Atropurpureum' | 1.8-2.0m | 25L | 1/m² |
| | Acer dissectum viridus | 1.0-1.25m | 10L | 1/m² |
| | Azalea japonica 'Hinamaya' | 30-40cm | 3L | 3/m² |
| | Azalea japonica 'Vuyks Scarlet' | 30-40cm | 3L | 3/m² |
| | Azalea japonica 'Palestrina' | 30-40cm | 3L | 3/m² |
| | Azalea deciduous 'Silver Slipper' | 60-80cm | 5L | 2/m² |
| | Azalea deciduous 'Bridesmaid' | 60-80cm | 5L | 2/m² |
| | Camelia x williamsii 'Donation' | 1.2-1.5m | RB | 1/m² |
| | Camelia japonica 'Lavinia Maggi' | 1.2-1.5m | RB | 1/m² |
| | Hamamelis 'Arnold Promise' | 1.2-1.5m | RB | 1/m² |
| | Hydrangea 'Ami Pasquier' | 40-60cm | 5L | 2/m² |
| | Hydrangea arborescens 'Grandiflora' | 40-60cm | 5L | 2/m² |
| | Hydrangea quercifolia | 40-60cm | 5L | 2/m² |
| | Hydrangea vilosa | 40-60cm | 5L | 2/m² |
| | Ilex aquifolium 'Silver Queen' | 1.0-1.5m | RB | 1/m² |
| | Magnolia stellata | 1.0-1.3m | 10L | 1/m² |
| | Magnolia x soulangeana | 1.8-2.0m | RB | 1/m² |
| | Mahonia x Charity | 80-100cm | 10L | 2/m² |
| | Piens 'Forest Flame' | 40-50cm | 10L | 1/m² |
| | Piens 'Flaming Silver' | 40-50cm | 10L | 1/m² |
| | Prunus 'Otto Luyken' | 30-40cm | 3L | 3/m² |
| | Skimmia 'Rubesia' | 30-40cm | 3L | 3/m² |
| | Skimmia 'Fructo Alba' | 30-40cm | 3L | 3/m² |
| | Viburnum davidii | 20-30cm | 3L | 3/m² |
| | Viburnum tinus | 80-100cm | 10L | 1/m² |
| | Bulbs | | | |
| | Cyclamen repandum | | | |
| | Scilla sibirica | | | |

## 11.3 WOODLAND EDGE Allow for 500m2

To be planted on edge of existing woodland where there is sufficient light. All to be planted at 1m centres; group planted at 5-7 per group; lonicera planted randomly.

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.3 | Acer campestre | 5 | 60-90cm | BR | 1/m² |
| | Ainus glutinosa | 10 | 60-90cm | BR | 1/m² |
| | Crataegus monogyna | 20 | 60-90cm | BR | 1/m² |
| | Corylus avellana | 42.5 | 60-90cm | BR | 1/m² |
| | Prunus spinosa | 15 | 60-90cm | BR | 1/m² |
| | Lonicera periclyclamen | 2.5 | 60-90cm | BR | 1/m² |
| | Sambucus nigra | 5 | 60-90cm | BR | 1/m² |

## 11.4 HAZEL COPPICE Allow 600M2

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 11.4 | Corylus avellana | 60-90cm | BR | 0.45/m² |
| | Bulbs | | | |
| | Scilla sibirica | | | |

## 11.5 BEECH STAND Allow 600M2

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.5 | Planting Mix | | | | |
| | Fagus sylvatica | 40 | 60-90cm | BR | 0.45/m² |
| | Fraxinus excelsior | 20 | 60-90cm | BR | 0.45/m² |
| | Ilex aquifolium | 10 | 60-90cm | BR | 0.45/m² |
| | Sambucus nigra | 15 | 60-90cm | BR | 0.45/m² |
| | Viburnum opulus | 15 | 60-90cm | BR | 0.45/m² |
| | Tree planting | | | | |
| | Fagus sylvatica | FS | 6-8cm girth | RB | As shown |
| | Bulbs | | | | |
| | Anemone x fulgens | | | | |
| | Fritillaria pallidiflora | | | | |
| | Galanthus nivalis | | | | |
| | Narcissus 'Actaea' | | | | |

## 11.6 SWEET CHESTNUT COPPICE Allow 600M2

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 11.6 | Castanea sativa | 0.9-1.2m | BR | 0.45/m² |
| | Herbaceous | | | |
| | Digitalis purpurea 'Foxy' | | 1L | 3/m² |

## 11.7 CHERRY STAND Allow 500M2

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.7 | Planting Mix | | | | |
| | Amelanchier lamarckii | 10 | 60-90cm | BR | 0.45/m² |
| | Cornus sanguinea | 30 | 60-90cm | BR | 0.45/m² |
| | Prunus avium 'Plena' | 20 | 1.75-2.0m | BR | 0.25/m² |
| | Prunus padus | 20 | 1.5-1.75m | BR | 0.25/m² |
| | Sorbus torminalis | 20 | 1.5-2.0m | BR | 0.25/m² |
| | Tree planting | | | | |
| | Prunus avium 'Plena' | PP | 6-8cm girth | RB | As shown |
| | Bulbs | | | | |
| | Allium neapolitanum | | | | |
| | Cyclamen persicum 'Kaori Series' | | | | |
| | Fritillaria meleagris | | | | |
| | Iris chrysographes | | | | |
| | Wild garlic | | | | |

## 11.8 TRAILS Allow 200M2

Routes through woodland flanked by seasonal, native woodland bulbs and groundcover

| KEY | SPECIES | TYPE | SPACING |
|---|---|---|---|
| 11.8 | Groundcover | | |
| | Brunnera macrophylla | 1L | 5/m² |
| | Epimedium vers. 'Sulphureum' | 1L | 5/m² |
| | Digitalis purpurea 'Alba' | 1L | 3/m² |
| | Hereborous orientalis | 1L | 5/m² |
| | Bulbs | | |
| | Crocus 'Snow Bunting' | | |
| | Cyclamen neapolitanum | | |
| | Fritillaria pallidiflora | | |
| | Hyacinthoides 'L'Innocence' | | |
| | Zantedeschia 'Crowborough' | | |

## 11.9 EVERGREEN WOODLAND SCREEN

Woodland belt containing typical evergreen species, eg pines, rhododendrons and pines.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.9 | Trees | | | | |
| | Larix decidua | LD | 1.75-2.0m | 25L | As shown |
| | Pinus nigra | PN | 1.75-2.0m | 75L | As shown |
| | Pinus sylvestris | PS | 1.75-2.0m | 75L | As shown |

## 12.0 PERIMETER BOUNDARY TO A16

Stylised earthworks and planting to provide an interesting edge to the gardens.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 12.1 | Willow Stands: | | | | | |
| | Salix x rubens 'Bustfordiana' | | 1.6-1.8cm girth | RB | 3 No. per mound | 21 |
| | Salix x rubens 'Bustfordiana' | | 1.75-2.0m | | 12 No. per mound | 84 |
| 12.2 | Mound Planting | | | | | |
| | Salix daphnoides (violet) | | 60-80cm | BR | 3/m² | 900 |
| | Salix vitellana (golden yellow) | | 60-80cm | BR | 3/m² | 900 |
| | Salix 'Chermisana' (orange/red) | | 60-80cm | BR | 3/m² | 900 |
| 12.3 | Hedges | | | | | |
| | Ilex aquifolium | IA(h) | 60-90cm | RB | 5/lm | 770 |
| | Crataegus monogyna | CM(h) | 90-120cm | BR | 5/lm | 1300 |
| 12.4 | Bulbs | | | | | |
| | Narcissus varieties | | | | | |

## 22.0 SOUTH WESTERN BOUNDARY PLANTING

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 22.0 | Trees | | | | | |
| | Betula pendula | Bp | 10-12cm girth | B | As shown | 5 |
| | Crataegus monogyna 'Stricta' | CmS | 10-12cm girth | B | As shown | 3 |
| | Quercus ilex | QI | 12-14cm girth | RB | As shown | 6 |
| | Quercus robur | QR | 8-10cm girth | RB | As shown | 1 |
| | Salix alba caerulea | Sc | 12-14cm girth | B | As shown | 3 |
| | Sorbus hupfhensis | Sh | 10-12cm girth | B | As shown | 28 |
| | Sorbus majestica | Sm | 12-14cm girth | B | As shown | 6 |
| | Climpers | | | | | |
| | Hedera helix 'Eva' | | 100-150cm | 10L | 0.5/lin m | 16 |
| | Hedera hibernica | | 80-100cm | 5L | 0.5/lin m | 16 |
| | Jasminum off. 'Fiona Sunrise' | | 100-150cm | 3L | 0.5/lin m | 16 |
| | Parthenocissus 'Veitchii' | | 100-150cm | 10L | 0.5/lin m | 16 |
| | Wisteria sinensis | | 100-150cm | 10L | 0.5/lin m | 16 |
| | Bulbs | | | | | |
| | Narcissus 'Pride of Cornwall' | | | | | |
| | Tulipifera 'Queen of the Night' | | | | | |
| | Tulipifera 'White Emperor' | | | | | |

## NOTES:

All planting material to be selected and reserved at approved nursery by the Landscape Architect.
No substitutions to be made without approval.
All trees planted in grass to be mulched around base - 600mm diameter.
All Grass areas to be laid with turf. See Section Q30/41/4.410A.

Area to be mulched with 75mm medium grade pine bark mulch except for island jungle area - coco mulch.
All hedges to be mulched.

Rev D 21.08.03 Update in line with GA M872.RM02E. Amend Mound to A16 Boundary.
Rev C 03.07.03 PGG Update in line with General Arrangement M872.02D
Rev B 28.11.02 PGG Omit items 23 and 24. General amendments to layout.
Rev A 28.06.02 PGG General Amendments to Layout

Ref. A4

Planning Department
- 2 SEP 2003
Rec 0361102

PLANTING PROPOSALS
Springfields Festival Gardens,
Factory Outlet Centre, Spalding

For: Thornfield Properties

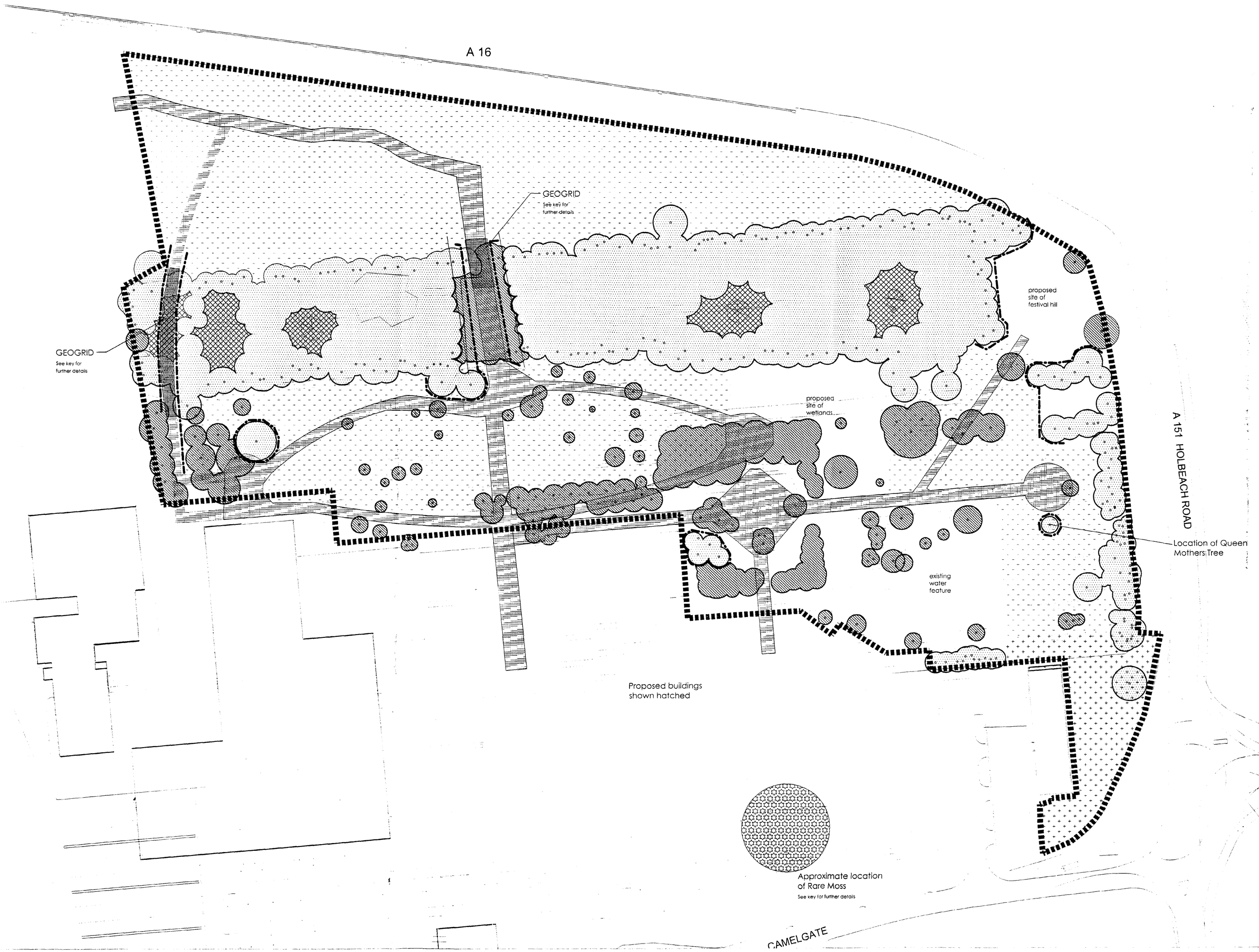
M 872.RM08D 1:500 March 2002

barnes · walker

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TREES TO BE REMOVED
To be confirmed after meeting with Tree Protection Officer

TREES TO BE RETAINED
To be confirmed after meeting with Tree Protection Officer

WOODLAND GLADE
Indicative position of glade. Final position and actual trees to be felled, to be agreed with Tree Protection Officer.

BOUNDARY LINE
Extents of site boundary

GEOGRID
Access road passing through wooded area to be protected with geogrid to prevent unnecessary damage to trees.

HAULAGE ROAD
Access road for contractors following line of proposed hardworks to prevent uneccessary damage to softworks areas.

PROTECTED AREA
Area to be protected from general contractors traffic.

TREE PROTECTION FENCE
Extents of tree protection fencing (chestnut pale fencing, see below). Final position to be agreed on site.

1.2m HIGH CHESTNUT PALE FENCING
To alignment as indicated erect chestnut pale protective fencing supported on 85mm Ø timber posts located at 2400mm centres. Provide 75x50mm timber top rail. Protective fencing to comply with BS 5837: 1991.

VEGETATION
All existing vegetation in non protected areas to be removed.

RARE MOSS
Existing protected species of moss to be relocated to new position. Postion to be agreed with Barnes Walker and the Lincolnshire Naturalist Union before moss is moved. Moss only to be moved under the supervision of Lincolnshire Naturalist Union.
LNU Contact: Mrs Annette Faulkner
65 London Road,
Spalding.

ADDITIONAL NOTES
All tree works to be carried out by a member of the Arboricultural Association to good practice and in strict accordance with BS 3998. Obtain clear instructions from Landscape Architect or Local Authority Tree Officer prior to work commencing.

METHOD STATEMENT
PROGRESSION
- Contractor to set up on site.
- Install compound and erect security fencing to secure site.
- Install haulage roads as indicated.
- Demolition and clearance of existing paths and hardstandings to be serviced from haulage roads.
- Excavate paths in 10m sections and backfill with high quality topsoil to BS 3882 and to the approval of the Landscape Architect.
- On completion of above, no vehicles there after are to travel into areas indicated on this drawing. Storage of mcterials and vehicles to be in areas allocated at time of set up.

WEATHER
- All operations to be carried out in suitable climatic conditions. Do not carry out work to ground in inclement weather such as frost and snow and during periods of heavy rainfall.

Rev A 27.06.02 PGG Retain and Protect Queen Mother Tree.

TREE REMOVALS AND ENABLING WORKS
Reserved Matters Application

Springfields Festival Gardens,
Factory Outlet Centre, Spalding

For: Thornfield Properties plc

M872/RM07A 1:500 January 2002

Fwd Ary
- 2 SEP 2003
Ref: 0361/02

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3450N

3400N

3350N

3300N

A16

Indicative Area of Japanese Garden by Sansui Design. Final Levels and Quantities to be supplied to Main Contractor by Sansui Design

FFL 3.45

Rev B 01.09.03 PGG Update to illustrate 5 mounds to A16 Boundary.
Rev A 28.06.02 PGG Remove steps to Festival Hill

EARTHWORKS LAYOUT
Reserved Matters Application

Springfields Festival Garden
Retail Outlet Centre, Spaldi

For: Thornfield Properties

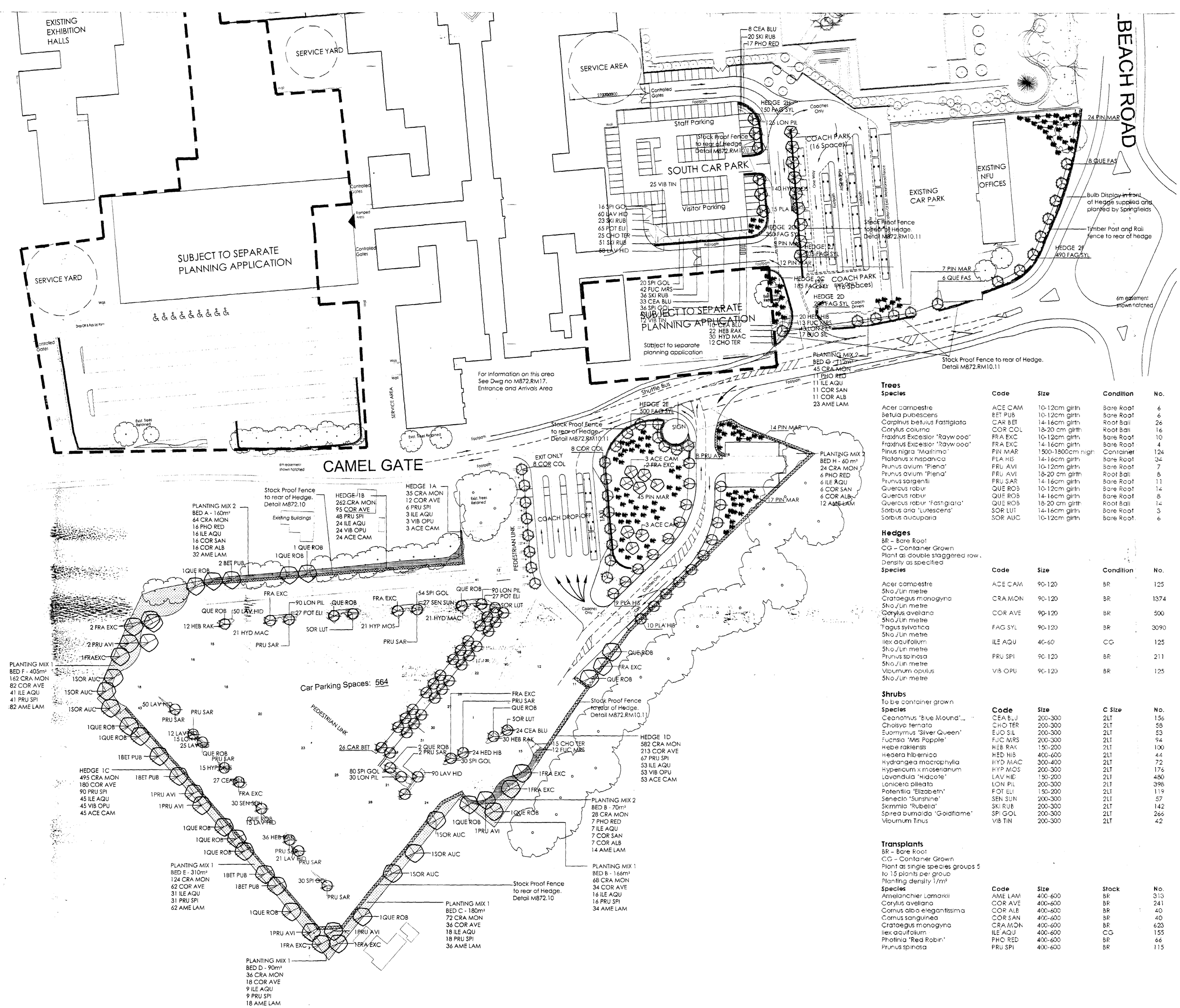
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-2 SEP 2003
Ref: 03/1102/

M872/RM04B 1:500 PGG Dec 2

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KEY

- Existing trees to be retained
- Proposed Semi Mature Trees Sizes 30-35 / 25-30 Refer to Schedule
- Proposed Trees Size 14-16
- Proposed Trees Size 10-12
- Conifer Spp
- Proposed Hedge Type 1 Size 400-600 Double staggered rows 5/lm
  Crataegus monogyna 55% Corylus avellana 20% Prunus spinosa 10% Ilex aquifolium 5% Viburnum opulus 5% Acer campestre 5%
- Proposed Hedge Type 2 Size 400-600 Fagus sylvatica
- Planting Mix 1 Planting desnsity 1/m² Plant as single species groups 5-15 plants per group Crataegus monogyna 40% Corylus avellana 20% Ilex aquifolium 10% Prunus spinosa 10% Amelanchier lamarckii 20%
- Planting Mix 2 Planting desnsity 1/m² Plant as single species groups 5-15 plants per group Crataegus monogyna 40% Cornus sanguinea 10% Photinia x Red Robin 10 % Ilex aquifolium 10% Cornus alba elegantissima 10% Amelanchier lamarckii 20%
- Ornamental Shrub Beds
- Proposed grassed areas Fine quality seeded lawn turf laid in accordance with BS 3969. Allow 150mm min clean depth of topsoil to BS 3882

NOTES
All planting Beds and base of Hedges to be mulched with approved Amenity Grade Pine Bark to 75mm depth.

All Hedges to have Stockproof Fence to Detail M872.RM10.11 to rear of Hedgeline.

## Trees

| Species | Code | Size | Condition | No. |
|---|---|---|---|---|
| Acer campestre | ACE CAM | 10-12cm girth | Bare Root | 6 |
| Betula pubescens | BET PUB | 10-12cm girth | Bare Root | 6 |
| Carpinus betulus Fastigiata | CAR BET | 14-16cm girth | Root Ball | 26 |
| Corylus colurna | COR COL | 18-20 cm girth | Root Ball | 16 |
| Fraxinus Excelsior 'Raywood' | FRA EXC | 10-12cm girth | Bare Root | 10 |
| Fraxinus Excelsior 'Raywood' | FRA EXC | 14-16cm girth | Bare Root | 4 |
| Pinus nigra 'Maritima' | PIN MAR | 1500-1800cm high | Container | 124 |
| Platanus x hispanica | PLA HIS | 14-16cm girth | Bare Root | 34 |
| Prunus avium 'Plena' | PRU AVI | 10-12cm girth | Bare Root | 7 |
| Prunus avium 'Plena' | PRU AVI | 18-20 cm girth | Root Ball | 8 |
| Prunus sargentii | PRU SAR | 14-16cm girth | Bare Root | 11 |
| Quercus robur | QUE ROB | 10-12cm girth | Bare Root | 14 |
| Quercus robur | QUE ROB | 14-16cm girth | Bare Root | 8 |
| Quercus robur 'Fastigiata' | QUE ROB | 18-20 cm girth | Root Ball | 14 |
| Sorbus aria 'Lutescens' | SOR LUT | 14-16cm girth | Bare Root | 3 |
| Sorbus aucuparia | SOR AUC | 10-12cm girth | Bare Root | 6 |

## Hedges

BR – Bare Root
CG – Container Grown
Plant as double staggered row.
Density as specified

| Species | Code | Size | Condition | No. |
|---|---|---|---|---|
| Acer campestre 5No./Lin metre | ACE CAM | 90-120 | BR | 125 |
| Crataegus monogyna 5No./Lin metre | CRA MON | 90-120 | BR | 1374 |
| Corylus avellana 5No./Lin metre | COR AVE | 90-120 | BR | 500 |
| Fagus sylvatica 5No./Lin metre | FAG SYL | 90-120 | BR | 3090 |
| Ilex aquifolium 5No./Lin metre | ILE AQU | 40-60 | CG | 125 |
| Prunus spinosa 5No./Lin metre | PRU SPI | 90-120 | BR | 211 |
| Viburnum opulus 5No./Lin metre | VIB OPU | 90-120 | BR | 125 |

## Shrubs

To be container grown

| Species | Code | Size | C Size | No. |
|---|---|---|---|---|
| Ceanothus 'Blue Mound'... | CEA BLU | 200-300 | 2LT | 156 |
| Choisya ternata | CHO TER | 200-300 | 2LT | 58 |
| Euonymus 'Silver Queen' | EUO SIL | 200-300 | 2LT | 53 |
| Fuchsia 'Mrs Popple' | FUC MRS | 200-300 | 2LT | 94 |
| Hebe rakiensis | HEB RAK | 150-200 | 2LT | 100 |
| Hedera hibernica | HED HIB | 400-600 | 2LT | 44 |
| Hydrangea macrophylla | HYD MAC | 300-400 | 2LT | 72 |
| Hypericum x moserianum | HYP MOS | 200-300 | 2LT | 176 |
| Lavandula 'Hidcote' | LAV HID | 150-200 | 2LT | 480 |
| Lonicera pileata | LON PIL | 200-300 | 2LT | 398 |
| Potentilla 'Elizabeth' | POT ELI | 150-200 | 2LT | 119 |
| Senecio 'Sunshine' | SEN SUN | 200-300 | 2LT | 57 |
| Skimmia 'Rubella' | SKI RUB | 200-300 | 2LT | 142 |
| Spirea bumalda 'Goldflame' | SPI GOL | 200-300 | 2LT | 266 |
| Viburnum Tinus | VIB TIN | 200-300 | 2LT | 42 |

## Transplants

BR – Bare Root
CG – Container Grown
Plant as single species groups 5 to 15 plants per group
Planting density 1/m²

| Species | Code | Size | Stock | No. |
|---|---|---|---|---|
| Amelanchier Lamarkii | AME LAM | 400-600 | BR | 313 |
| Corylus avellana | COR AVE | 400-600 | BR | 241 |
| Cornus alba elegantissima | COR ALB | 400-600 | BR | 40 |
| Cornus sanguinea | COR SAN | 400-600 | BR | 40 |
| Crataegus monogyna | CRA MON | 400-600 | BR | 623 |
| Ilex aquifolium | ILE AQU | 400-600 | CG | 155 |
| Photinia 'Red Robin' | PHO RED | 400-600 | BR | 66 |
| Prunus spinosa | PRU SPI | 400-600 | BR | 115 |

Rev D 28.11.02 PGG Update Layout.
Revision C 25.07.02 SB Update coach park layout.
Revision B 20.07.02 PGG Update coach park layout.
Revision A - 28.06.02 PGG Additional shrub planting to replace some grass areas and amendment to schedule

Car Park Planting Plan
Reserved Matters Application

Springfields Festival Gardens,
Factory Outlet Centre, Spalding

For: Thornfield Properties

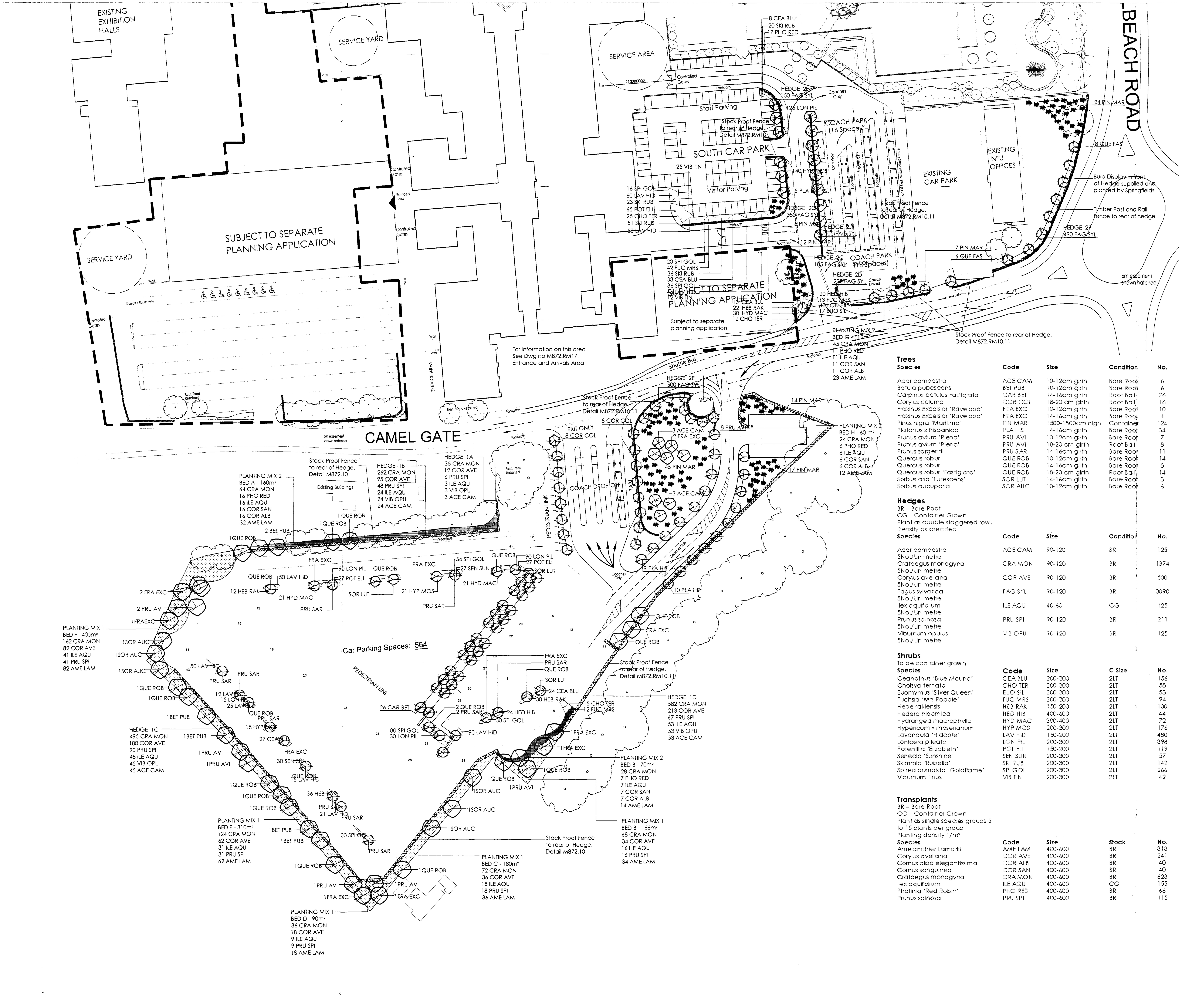
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M872.RM12D 1:500 March 2002


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| Lonicera pileata | LON PIL | 200-300 | 2LT | 398 |
| Potentilla 'Elizabeth' | POT ELI | 150-200 | 2LT | 119 |
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| Ilex aquifolium | ILE AQU | 400-600 | CG | 155 |
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KEY

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- Proposed Semi Mature Trees Sizes 30-35 / 25-30 Refer to Schedule
- Proposed Trees Size 14-16
- Proposed Trees Size 10-12
- Conifer Spp
- Proposed Hedge Type 1 Size 400-600 Double staggered rows 5/lm
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  Corylus avellana 20%
  Prunus spinosa 10%
  Ilex aquifolium 5%
  Viburnum opulus 5%
  Acer campestre 5%
- Proposed Hedge Type 2 Size 400-600 Fagus sylvatica
- Planting Mix 1 Planting desnsity 1/m² Plant as single species groups 5-15 plants per group
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  Corylus avellana 20%
  Ilex aquifolium 10%
  Prunus spinosa 10%
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NOTES
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All Hedges to have Stockproof Fence to Detail M872.RM10.11 to rear of Hedgeline.

Rev D 28.11.02 PGG Update Layout.
Revision C 25.07.02 SB Update coach park layout.
Revision B 20.07.02 PGG Update coach park layout.
Revision A - 28.06.02 PGG Additional shrub planting to replace some grass areas and amendment to schedule

Car Park Planting Plan

Reserved Matters Application

Springfields Festival Gardens,
Factory Outlet Centre, Spalding

For: Thornfield Properties

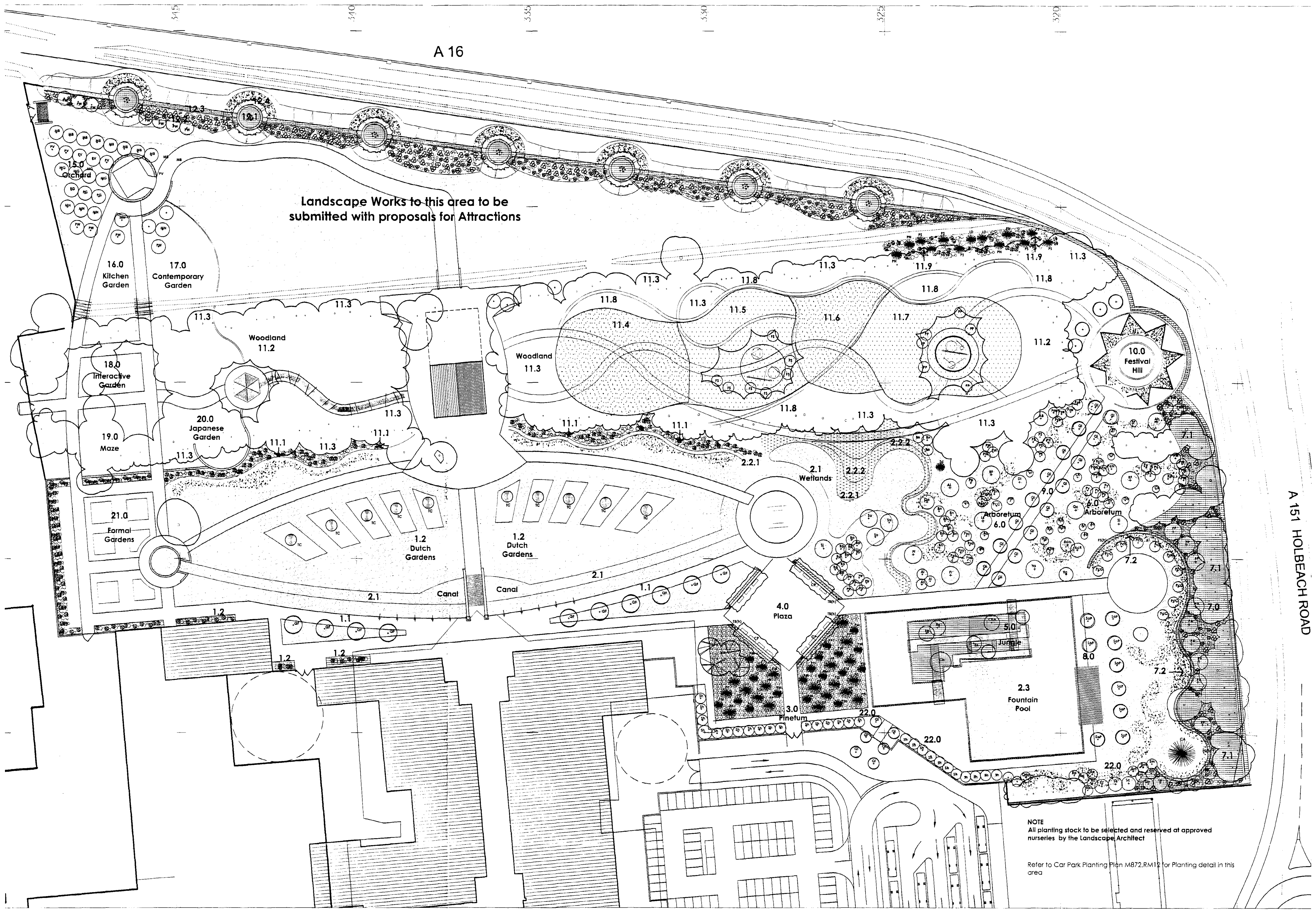
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SHDC Planning & Development 19 FEB 2003
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## 1.0 ENTRANCE SPACE

### 1.1 ARRIVAL SPACE

Avenue of semi mature trees with columnar form providing a strong vertical axis between the buildings and gardens

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 1.1 | Trees | | | | | |
| | Quercus robur 'Fastigiata' | QF | 20-25cm | RB | As shown | 10 |
| 1.2 | Planting Beds | | | | | |
| | Shrubs | | | | | |
| | Choisya ternata | | 10L | | 1/m² | 10 |
| | Hydrangea 'White Wave' | | 5L | | 1/m² | 10 |
| | Lavandula spica 'Hidcote' | | 3L | | 3/m² | 30 |
| | Philadelphus 'Belle Etoile' | | 5L | | 1/m² | 10 |
| | Spirea 'Snowmound' | | 10L | | 1/m² | 10 |
| | Herbaceous | | | | | |
| | Alchemilla mollis | | 2L | | 3/m² | 12 |
| | Allium giganteum | | 2L | | 3/m² | 12 |
| | Delphinium elatum 'Vespers' | | 2L | | 3/m² | 12 |
| | Delphinium elatum 'Mighty Atom' | | 2L | | 3/m² | 12 |
| | Euphorbia amygdaloides 'Robbiae' | | 2L | | 3/m² | 12 |
| | Geranium 'Johnsons Blue' | | 2L | | 3/m² | 12 |
| | Helleborus foetidissima | | 2L | | 3/m² | 12 |
| | Helleborus orientalis | | 2L | | 3/m² | 12 |
| | Heuchera 'Palace Purple' | | 2L | | 3/m² | 12 |
| | Hosta 'Thomas Hogg' | | 2L | | 3/m² | 12 |
| | Kniphofia 'Percy's Pride' | | 2L | | 3/m² | 12 |
| | Salvia 'East Friesland' | | 2L | | 3/m² | 12 |
| | Sedum 'Autumn Joy' | | 2L | | 3/m² | 12 |

### 1.2 DUTCH GARDENS

An avenue of semi mature trees with columnar form providing a strong vertical axis between the buildings and gardens.
NOTE: Specification assisted by Springfields with some sponsorship.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 1.21 | Taxus baccata cones | TC | 4m high | CG | As shown | 10 |

**1.22** Bulb displays
Planted within the beds at the base of each taxus cone.
Planted in front of the ornamental woodland edge, as shown on plan.
NOTE: All bulbs to be supplied by Springfields.

## 2.0 WATER FEATURES

Waterbodies each with a distinctive character providing spacial containment and amenity

### 2.1 CANAL

Water body with iris densely planted to both edges. To be planted using Bio-Rolls by Greenfix, refer to Canal Details for specification. Greenfix - Tel: 01242 700092.

| KEY | SPECIES | Length Required |
|---|---|---|
| 2.1 | Iris Bio-Rolls | 315m |

### 2.2 WETLAND

Wetland area to be planted with native species to promote diverse flora and fauna.

| KEY | SPECIES | % MIX | TYPE | SPACING | NO. |
|---|---|---|---|---|---|
| 2.2.1 | Aquatics | | | | |
| | Ceratophyllum dermersum | 10 | P7 | 5/m² | 115 |
| | Myriophyllum spicatum | 10 | P7 | 5/m² | 115 |
| | Nuphar lutea | 10 | P7 | 5/m² | 115 |
| | Polygonum amphibium | 20 | P7 | 5/m² | 230 |
| | Potamogeton natans | 20 | P7 | 5/m² | 230 |
| | Sagittaria sagittifolia | 10 | P7 | 5/m² | 115 |
| | Scirpus lacustris | 20 | P7 | 5/m² | 230 |
| 2.2.2 | Marginals | | | | |
| | Alisma plantago aquatica | 5 | P7 | 5/m² | 75 |
| | Apium nodiflorum | 5 | P7 | 5/m² | 75 |
| | Butomus umbellatus | 10 | P7 | 5/m² | 135 |
| | Eleocharis palustris | 15 | P7 | 5/m² | 210 |
| | Mentha aquatica | 5 | P7 | 5/m² | 75 |
| | Myosotis scorpioides | 10 | P7 | 5/m² | 135 |
| | Nasturtium officinale | 15 | P7 | 5/m² | 210 |
| | Rorippa amphibia | 5 | P7 | 5/m² | 75 |
| | Rumex hydrolapathum | 5 | P7 | 5/m² | 75 |
| | Sparganium erectum | 5 | P7 | 5/m² | 75 |
| | Typha angustifolia | 20 | P7 | 5/m² | 270 |

### 2.3 FOUNTAIN POOL

| KEY | SPECIES | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|
| 2.4 | Nymphaea alba | 1L | CG | 0.25/m² | 40 |
| | Nymphaea 'Escarboucle' | 1L | CG | 0.25/m² | 40 |
| | Nymphaea 'Virginia' | 1L | CG | 0.25/m² | 40 |
| | Nymphaea x laydekeri 'Fulgens' | 1L | CG | 0.25/m² | 40 |
| | Nymphaea marliacea 'Cameo' | 1L | CG | 0.25/m² | 40 |

## 3.0 PINETUM

A restrained minimalist arrangement of pines, slate mulch, steam and water. Within this area there are a group of existing pines. These are to be retained where appropriate.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 3.0 | Pinus densiflora | PD | 225-250cm | RB | As shown | 11 |
| | Pinus mugo | PM | 225-250cm | RB | As shown | 15 |
| | Pinus ponderosa | PP | 175-200cm | RB | As shown | 12 |

## 4.0 PLAZA

A formal square with perimeter planting comprising pleached hornbeam and yew hedging. Seats to be arranged in front of the hedge. Seasonal bulb/bedding display to be planted within the areas between the seating.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 4.0 | Pleaching | CP | 20-25cm | RB | 2.0m cts | 19 |
| | Carpinus betulus | | | | | |
| | Hedge | | | | | |
| | Taxus baccata | Tb(h) | 120cm | RB | 3.5/lin m | 189 |

Bulbs
Tulipa 'White Emperor'
NOTE: All bulbs to be supplied by Springfields.

## 5.0 JUNGLE

Lush, bold, 'architectural style planting with large leaves, contrasting foliage, 'hot' coloured flowers and a network of timber decked 'jungle paths'.
Entire island to be mulched with 750mm deep coco mulch.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 5.0 | Trees | | | | | |
| | Catalpa bignonioides | Cb | 8-10cm | RB | As shown | 1 |
| | Catalpa bignonioides 'Aurea' | CbA | 8-10cm | RB | As shown | 1 |
| | Eucalyptus gunii | Eg | 8-10cm | RB | As shown | 2 |
| | Eucalyptus niphophila | En | 8-10cm | RB | As shown | 1 |
| | Shrubs, Grasses, Ferns, Bamboos | | | | | |
| | Arundinaria nitida | | 2.5-3.0m | 25L | 0.25/m² | 10 |
| | Dicksonia antarctica | | 1.5-1.75m | 20L | 0.25/m² | 10 |
| | Fatsia japonica | | 1.5-1.75m | 20L | 0.25/m² | 10 |
| | Phyllostachys nigra + aurea | | 2.5-3.0m | 25L | 0.25/m² | 10 |
| | Trachycarpus fortunei | | 1.75-2.0m | 20L | 0.25/m² | 10 |
| | Sasa palmata | | 20-30cm | 5L | 3/m² | 100 |
| | Blechnum spicant | | 30-40cm | 5L | 3/m² | 100 |
| | Osmunda regalis | | 30-40cm | 5L | 3/m² | 100 |
| | Polystichum munitum | | 30-40cm | 5L | 3/m² | 100 |
| | Herbaceous | | | | | |
| | Gunnera manicata | | | 5L | 3/m² | 100 |
| | Hosta sieboldiana | | | 3L | 3/m² | 100 |
| | Lysimachia 'Firecracker' | | | 2L | 5/m² | 165 |
| | Lobelia cardinalis | | | 2L | 5/m² | 165 |
| | Ricinus 'Impala' | | | 2L | 5/m² | 165 |
| | Climbers | | | | | |
| | Passiflora caerulea | | 60-90cm | 3L | 1/m² | 15 |
| | Vitis coignetiae | | 60-90cm | 3L | 1/m² | 15 |

Bulbs
Canna 'Striata'+'Durban'
Crocosmia 'Lucifer'
Dahlia 'Bednall Beauty'
Hemerocallis
Zantedeschia 'Crowborough'
NOTE: All bulbs to be supplied by Springfields.

## 6.0 ARBORETUM

Unusual specimen trees chosen for their seasonal and botanical interest. Permanent and temporary sculptures to be positioned within this area to enliven the space. Bulbs to be planted in drifts and ocassional groupings to the bases of individual trees.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 6.0 | Trees | | | | | |
| | Acer callipes | Ac | 1.5-1.75m MS | RB | As shown | 1 |
| | Acer cappodicum | Aca | 12-14cm girth | B | As shown | 1 |
| | Acer cappodicum 'Rubrum' | AcR | 12-14cm girth | B | As shown | 1 |
| | Acer davidii 'Madeline Spitta' | Ad | 8-10cm girth | B | As shown | 1 |
| | Acer griseum | Ag | 1.5-1.75m | 15L | As shown | 1 |
| | Acer palmatum 'Heptalobum Rubrum' | AHR | 1.25-1.5m | 25L | As shown | 1 |
| | Acer pensylvanicum | Ap | 6-8cm girth | B | As shown | 1 |
| | Acer pseudoplatanus 'Brilliantissimum' | AB | 1.75-2m | 10L | As shown | 1 |
| | Acer rufinerve | Ar | 6-8cm girth | B | As shown | 1 |
| | Acer saccharinum 'Temples Upright' | As | 6-8cm girth | B | As shown | 1 |
| | Aesculus 'Briotti' | AB | 10-12cm girth | B | As shown | 1 |
| | Aesculus hippocastanum | Ah | 16-18cm girth | B | As shown | 1 |
| | Alnus imperialis | Ai | 8-10cm girth | B | As shown | 3 |
| | Alnus incana 'Laciniata' | AL | 16-18cm girth | RB | As shown | 1 |
| | Arbutus unedo | Au | 1.5-1.75m | 45L | As shown | 1 |
| | Betula nigra | Bn | 8-10cm Ftd | B | As shown | 10 |
| | Betula pubescens | Bp | 8-10cm Ftd | B | As shown | 10 |
| | Cercidiphyllum japonicum | Cj | 1.25-1.5m | 25L | As shown | 1 |
| | Cercis 'Forest Pansy' | CF | 1.5-1.75m | 45L | As shown | 1 |
| | Cercis siliquastrum | Cs | 1.5-1.75m | 45L | As shown | 1 |
| | Davidia involucrata | Di | 2-2.5m | 25L | As shown | 1 |
| | Eucalyptus gunni | Eg | 2-2.5m | 25L | As shown | 1 |
| | Fagus sylvatica 'Riversii' | FR | 12-14cm girth | RB | As shown | 1 |
| | Fraxinus excelsior 'Pendula' | FP | 6-8cm girth | 25L | As shown | 1 |
| | Gingko biloba | Gb | 10-12cm girth | RB | As shown | 1 |
| | Koelreuteria pavirulata | Kp | 6-8cm girth | 25L | As shown | 1 |
| | Liquidamber styracifolia | Ls | 12-14cm girth | RB | As shown | 1 |
| | Liriodendron 'Aureomarginata' | LA | 10-12cm girth | RB | As shown | 1 |
| | Magnolia salcifolia | Ms | 1.5-1.75m | 45L | As shown | 1 |
| | Nyssa sylvatica | Ns | 2-2.5m | 45L | As shown | 1 |
| | Oxydendrum arboreum | Oa | 1.25-1.5m | 45L | As shown | 1 |
| | Parrotica persica | Pp | 1.25-1.5m | 25L | As shown | 1 |
| | Paulownia tormentosa | Pt | 1.25-1.5m | 25L | As shown | 1 |
| | Populus tremula | Ptr | 10-12cm girth | B | As shown | 6 |
| | Prunus cerasifera 'Nigra' | PcN | 12-14cm girth | B | As shown | 5 |
| | Prunus pissardii 'Nigra' | PpN | 12-14cm girth | B | As shown | 3 |
| | Prunus padus 'Wateren' | PW | 10-12cm girth | B | As shown | 8 |
| | Prunus sargentii | Psa | 10-12cm girth | B | As shown | 5 |
| | Prunus serrula | Pse | 10-12cm girth | B | As shown | 5 |
| | Prunus 'Shirogen' | PS | 10-12cm girth | B | As shown | 5 |
| | Prunus 'Umineko' | PU | 10-12cm girth | B | As shown | 3 |
| | Prunus yedoensis | Py | 10-12cm girth | B | As shown | 5 |
| | Pterocarya fraxinifolia | Pf | 6-8cm girth | B | As shown | 1 |
| | Pyrus salcifolia 'Pendula' | PsP | 10-12cm girth | RB | As shown | 1 |
| | Pyrus calleryana 'Chanticleer' | PcC | 10-12cm girth | B | As shown | 1 |
| | Quercus coccinea | Qc | 8-10cm girth | RB | As shown | 1 |
| | Quercus nigra | Qn | 8-10cm girth | RB | As shown | 1 |
| | Robinia 'Frisia' | RF | 8-10cm girth | B | As shown | 2 |
| | Salix alba | Sa | 12-14cm girth | B | As shown | 3 |
| | Salix x babylonica 'Pendula' | SaP | 12-14cm girth | B | As shown | 1 |
| | Sophora japonica | Sj | 6-8cm girth | 25L | As shown | 2 |
| | Taxodium distichum | Td | 1.75-2m | RB | As shown | 1 |

Bulbs
Cyclamen persicum
Galanthus nivalis
Narcissus 'Tete a Tete'

## 7.0 PERIMETER BOUNDARY TO A151

Existing planting retained and supplemented with native species hedges, trees and shrubs.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| | Trees | | | | | |
| | Prunus padus | PP | 12-14cm girth | RB | As shown | 7 |
| | Prunus avium 'Plena' | PA | 12-14cm girth | RB | As shown | 5 |
| | Cedrus atlantica | CA | 2.5-3.0m | CG | As shown | 1 |
| | Pyrus calleryana 'Chanticleer' | PcC | 10-12cm girth | B | As shown | 10 |
| 7.1 | Understorey Planting | | | | | |
| | Crataegus monogyna | | 60-90cm | BR | 1.7/m² | 240 |
| | Corylus avellana | | 60-90cm | BR | 1.7/m² | 240 |
| | Ilex aquifolium | | 60-90cm | RB | 1.7/m² | 160 |
| | Viburnum opulus | | 60-90cm | BR | 1.7/m² | 160 |
| | Hedges | | | | | |
| | Fagus sylvatica | FS(h) | 175-200cm | BR | 5/lm | 600 |
| | Crataegus monogyna | CM(h) | 90-120cm | BR | 5/lm | 850 |

**7.2** Bulbs
Crocus speciosus 'Oxonian'
Tulipa 'Greuze'
Narcissus 'Trousseau'
Narcissus 'Satin Pink'
NOTE: All bulbs to be supplied by Springfields.

## 8.0 TREE GRID ALONG WATERS EDGE

Large trees of striking form planted in a grid arrangement within level lawns eventually forming a continuous weeping canopy.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 8.0 | Trees | | | | | |
| | Salix x babylonica 'Pendula' | SaP | 16-18 | B | As shown | 9 |

## 9.0 FESTIVAL HILL BOULEVARD

Avenue of large evergreen trees creating a bold axis leading to Festival Hill.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 9.0 | Trees | | | | | |
| | Quercus ilex | QI | 16-18cm | B | As shown | 16 |

## 10.0 FESTIVAL HILL

A 'landmark' earthwork with viewing platform, sculpture and bulb displays.

KEY SPECIES
**10.0** Star pattern constructed with timber edging. Bulbs to be planted in grass within timber edging. Only grass to be planted outside the timber edging.
Bulbs: Narcissus varieties.
Bulbs to be supplied by Springfields.

## 11.0 WOODLAND

Retained woodland to be managed and reinforced with native species to provide a backdrop to the gardens, shelter from prevailing winds and enhance opportunities for enjoyment.

### 11.1 ORNAMENTAL WOODLAND EDGE (FACING DUTCH GARDENS)

Family of species providing spring, summer and autumn interest (acid loving) with drifts of bulbs through the grass.

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 11.1 | Acer palmatum | 1.0-1.25m | 10L | 1/m² |
| | Acer palmatum 'Atropurpureum' | 1.8-2.0m | 25L | 1/m² |
| | Acer dissectum viridus | 1.0-1.25m | 10L | 1/m² |
| | Azalea japonica 'Hinomayo' | 30-40cm | 3L | 3/m² |
| | Azalea japonica 'Vuyks Scarlet' | 30-40cm | 3L | 3/m² |
| | Azalea japonica 'Palestrina' | 30-40cm | 3L | 3/m² |
| | Azalea deciduous 'Silver Slipper' | 60-80cm | 5L | 2/m² |
| | Azalea deciduous 'Bridesmaid' | 60-80cm | 5L | 2/m² |
| | Camellia x williamsii 'Donation' | 1.2-1.5m | RB | 1/m² |
| | Camellia japonica 'Lavinia Maggi' | 1.2-1.5m | RB | 1/m² |
| | Hamamelis 'Arnold Promise' | 1.2-1.5m | RB | 1/m² |
| | Hydrangea 'Ami Pasquier' | 40-60cm | 5L | 2/m² |
| | Hydrangea arborescens 'Grandiflora' | 40-60cm | 5L | 2/m² |
| | Hydrangea quercifolia | 40-60cm | 5L | 2/m² |
| | Hydrangea villosa | 40-60cm | 5L | 2/m² |
| | Ilex aquifolium 'Silver Queen' | 1.2-1.5m | RB | 1/m² |
| | Magnolia stellata | 1.0-1.2m | 10L | 1/m² |
| | Magnolia x soulangeana | 1.8-2.0m | RB | 1/m² |
| | Mahonia x Charity | 80-100cm | 10L | 2/m² |
| | Pieris 'Forest Flame' | 40-50cm | 10L | 1/m² |
| | Pieris 'Flaming Silver' | 40-50cm | 10L | 1/m² |
| | Prunus 'Otto Luyken' | 30-40cm | 3L | 3/m² |
| | Skimmia 'Rubella' | 30-40cm | 3L | 3/m² |
| | Skimmia 'Fructo Alba' | 30-40cm | 3L | 3/m² |
| | Viburnum davidii | 20-30cm | 3L | 3/m² |
| | Viburnum tinus | 80-100cm | 10L | 1/m² |

Bulbs
Cyclamen repandum
Scilla sibirica

### 11.2 UNDERSTOREY WITHIN CORE OF WOODLAND

All to be group planted with trees at 10-25 per group and shrubs at 5-10 per group. Alnus and corylus planted randomly with occassional groups.

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.2 | Understorey Planting | | | | |
| | Alnus glutinosa | 15 | 60-90cm | BR | 0.45/m² |
| | Corylus avellana | 25 | 60-90cm | BR | 0.45/m² |
| | Fraxinus excelsior | 12.5 | 60-90cm | BR | 0.45/m² |
| | Ilex aquifolium | 10 | 60-90cm | BR | 0.45/m² |
| | Pinus sylvestris | 2.5 | 60-90cm | BR | 0.45/m² |
| | Prunus avium | 5 | 60-90cm | BR | 0.45/m² |
| | Quercus robur | 25 | 60-90cm | BR | 0.45/m² |
| | Sambucus nigra | 2.5 | 60-90cm | BR | 0.45/m² |

Bulbs and Groundcover
Allium sativum
Narcissus bulbocodium
Primula veris vulgaris
Pulmonaria saccharata

### 11.3 WOODLAND EDGE

To be planted on edge of existing woodland where ther is sufficient light. All to be planted at 1m centres; group planted at 5-50 per group; lonicera planted randomly.

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.3 | Acer campestre | 5 | 60-90cm | BR | 1/m² |
| | Alnus glutinosa | 10 | 60-90cm | BR | 1/m² |
| | Crataegus monogyna | 20 | 60-90cm | BR | 1/m² |
| | Corylus avellana | 42.5 | 60-90cm | BR | 1/m² |
| | Prunus spinosa | 15 | 60-90cm | BR | 1/m² |
| | Lonicera periclymenum | 2.5 | 60-90cm | BR | 1/m² |
| | Sambucus nigra | 5 | 60-90cm | BR | 1/m² |

### 11.4 HAZEL COPPICE

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 11.4 | Corylus avellana | 60-90cm | BR | 0.45/m² |

Bulbs
Scilla sibirica

### 11.5 BEECH STAND

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.5 | Planting Mix | | | | |
| | Fagus sylvatica | 40 | 60-90cm | BR | 0.45/m² |
| | Fraxinus excelsior | 20 | 60-90cm | BR | 0.45/m² |
| | Ilex aquifolium | 10 | 60-90cm | BR | 0.45/m² |
| | Sambucus nigra | 15 | 60-90cm | BR | 0.45/m² |
| | Viburnum opulus | 15 | 60-90cm | BR | 0.45/m² |
| | Tree planting | | | | |
| | Fagus sylvatica | | 6-8cm girth | RB | As shown |

Bulbs
Anemone x fulgens
Fritillaria palliidiflora
Galanthus nivalis
Narcissus 'Actaea'

### 11.6 SWEET CHESTNUT COPPICE

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 11.6 | Castanea sativa | 0.9-1.2m | BR | 0.45/m² |
| | Herbaceous | | | |
| | Digitalis purpurea 'Foxy' | | 1L | 3/m² |

### 11.7 CHERRY STAND

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.7 | Planting Mix | | | | |
| | Amelanchier lamarckii | 10 | 60-90cm | BR | 0.45/m² |
| | Cornus sanguinea | 30 | 60-90cm | BR | 0.45/m² |
| | Prunus avium 'Plena' | 20 | 1.75-2.0m | BR | 0.25/m² |
| | Prunus padus | 20 | 1.5-1.75m | BR | 0.25/m² |
| | Sorbus torminalis | 20 | 1.5-2.0m | BR | 0.25/m² |
| | Tree planting | | | | |
| | Prunus avium 'Plena' | PP | 6-8cm girth | RB | As shown |

Bulbs
Allium neapolitanum
Cyclamen persicum 'Kaori Series'
Fritillaria meleagris
Iris chrysographes
Wild garlic

### 11.8 TRAILS

Routes through woodland flanked by seasonal, native woodland bulbs and groundcover

| KEY | SPECIES | TYPE | SPACING |
|---|---|---|---|
| 11.8 | Groundcover | | |
| | Brunnera macrophylla | 1L | 5/m² |
| | Epimedium vers. 'Sulphureum' | 1L | 5/m² |
| | Digitalis purpurea 'Alba' | 1L | 3/m² |
| | Helleborus orientalis | 1L | 5/m² |

Bulbs
Crocus 'Snow Bunting'
Cyclamen neapolitanum
Fritillaria palliidiflora
Hyacinthoides 'L'Innocence'
Zantedeschia 'Crowborough'

### 11.9 EVERGREEN WOODLAND SCREEN

Woodland belt containing typical evergreen species, eg pines, rhododendrons and pines.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.9 | Trees | | | | |
| | Larix decidua | LD | 1.75-2.0m | 25L | As shown |
| | Pinus nigra | PN | 1.75-2.0m | 75L | As shown |
| | Pinus sylvestris | PS | 1.75-2.0m | 75L | As shown |

## 12.0 PERIMETER BOUNDARY TO A16

Stylised earthworks and planting to provide an interesting edge to the gardens.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 12.1 | Willow Stands: | | | | | |
| | Salix x rubens 'Bustardiana' | | 16-18cm girth | RB | 3 No. per mound | 21 |
| | Salix x rubens 'Bustardiana' | | 1.75-2.0m | | 12 No. per mound | 84 |
| 12.2 | Mound Planting | | | | | |
| | Salix daphnoides (violet) | | 60-80cm | BR | 3/m² | 900 |
| | Salix vitelliana (golden yellow) | | 60-80cm | BR | 3/m² | 900 |
| | Salix 'Chermisiana' (orange/red) | | 60-80cm | BR | 3/m² | 900 |
| 12.3 | Hedges | | | | | |
| | Ilex aquifolium | IA(h) | 60-90cm | RB | 5/lm | 770 |
| | Crataegus monogyna | CM(h) | 90-120cm | BR | 5/lm | 1300 |
| 12.4 | Bulbs | | | | | |
| | Narcissus varieties | | | | | |

NOTE: All bulbs to be supplied by Springfields.

## 13.0 CONCESSIONS

Coracle setting with stylised landscape and earth mounding with bulb planting. Single species reeds and rushs to the waters edge.

| KEY | SPECIES | TYPE | SPACING |
|---|---|---|---|
| 13.0 | Butomus umbellatus | P9 | 3/m² |
| | Lysichiton americanus | | 3/m² |
| | Butomus umbellatus | 1L | 2/m² |
| | Typha minima | 1L | 2/m² |

## 14.0 CHILDREN'S PLAY AREA

Non poisonous and non harmful planting

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.4 | Understorey Planting | | | | |
| | Acer campestre | 15 | 60-90cm | BR | 0.45/m² |
| | Crataegus monogyna | 35 | 60-90cm | BR | 0.45/m² |
| | Corylus avellana | 20 | 60-90cm | BR | 0.45/m² |
| | Cornus sanguinea | 15 | 60-90cm | BR | 0.45/m² |
| | Ilex aquifolium | 5 | 60-90cm | BR | 0.45/m² |
| | Viburnum opulus | 10 | 60-90cm | BR | 0.45/m² |

Bulbs and Groundcover
Allium sativum
Narcissus bulbocodium
Primula veris vulgaris
Pulmonaria saccharata

## 15.0 ORCHARD

Traditional fruiting varieties planted in groups of 5-9. To be stock which will become full size trees with time. Fruit trees to be underplanted with wild flowers.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 15.0 | Malus 'maling 106' | MM | Half std | BR | As shown |
| | Mespilus germanica | MG | Half std | BR | As shown |
| | Prunus 'St Julian A' | PJ | Half std | BR | As shown |
| | Prunus 'Colt stock' | PC | Half std | BR | As shown |
| | Pyrus 'Quince C' | PQ | Half std | BR | As shown |

Wildflower Grass Mix
WFG 7 from British Seed Houses for free draining sandy soil. — 3-5 grams per m2
OR
WFG 3 general purpose (BSH) — 0.5-1 gram per m2
MIXED WITH +
Amenity 4 grass seed mix (BSH) — 3-5 grams per m2

## SHOWCASE GARDENS

Attractive themed gardens displaying different garden types and planting techniques

## 16.0 KITCHEN GARDEN

Planting to include culinary and medicinal herbs, vegetables, fruit vines and flowers suitable for arranging. NOTE: To be sown/planted as specified by supplier.

KEY SPECIES
**16.0** Vegetables
Courgettes, cucumbers, tomatoes, sweet peppers, spring cabbages, summer cauliflowers, brussels sprouts, lettuces, purple sprouting broccoli, globe artichoke, broad beans, scarlet runner beans, Swiss chard, peas, beetroot, bulb onions, spring onions, leeks, winter purslane, pak choi, spinach, potatoes, parsnips, carrots, rhubarb, horseradish

Herbs
Sage, rosemary, tarragon, thyme, mint, marjoram, oregano, parsley, basil, chamomile, chives, coriander, dill, fennel, garlic

Climbers
Rosa, Jasminum, Lonicera, Wisteria

Cut Flowers
Shrubs:
Calluna vulgaris, Camelia japonica, Hamamelis mollis

Perennials:
Astrantia major, Dianthus, Chrysanthemum, Delphiniums, Helleborus, Phallaenopsis, Phlox, Iris, Gypsophilia, Echinops, Aster

Bulbs:
Allium (tall), Narcissus, Dhalia, Gladioli, Lillium, Tulipa

## 17.0 CONTEMPORARY GARDEN

Use of bold 'lush planting in partnership with modern materials.

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 17.0 | Shrubs | | | |
| | Cordyline australis | 60-80cm | 10L | 0.25/m² |
| | Fatsia japonica | 40-60cm | 5L | 0.45/m² |
| | Grasses | | | |
| | Carex 'Evergold' | 20-30cm | 2L | 8/m² |
| | Festuca glauca | 15-20cm | 2L | 8/m² |
| | Luzula sylvatica marginata | 20-30cm | 2L | 5/m² |
| | Miscanthus 'Gracillimus' | 20-30cm | 2L | 3/m² |
| | Stipa gigantea | 20-30cm | 2L | 2/m² |
| | Bulbs | | | |
| | Allium gigantea | 15-20cm | 2L | |
| | Nerine bowdenii | | | |

## 18.0 INTERACTIVE GARDEN

Sensory stimulation through the use of sound, texture, colour and scent. This can be achieved also by the use of plants as well as play equipment.

KEY SPECIES
**18.0** Textured foliage
Festuca glauca, Miscanthus sinensis 'Gracimillus', Bambusa multiplex, Stipa gigantea, Bergenia cordifolia, Fatsia japonica, Hebe rakiensis, Hydrangea quercifolia, Picea, abies 'Nidiformis'.

Aromatic Foliage
Choysia 'Aztec Pearl', Santolina chamaecyparissus, Lavandula spica 'Hidcote', Rosmarinus officinalis, Salvia, Thymus vulgaris, Chamaecyparissus 'Minima Glauca'.

Scented Flowers
Buddleia davidii 'Empire Blue', Choysia ternata, Lavandula stoechas, Philadelphus coronarius 'Aureus', Alyssum maritimum 'Little Dorrit', Jasminum 'Grandiflorum', Lonicera periclymenum 'Belgica', Magnolia grandiflora

## 19.0 MAZE

Willow wattle screens of different heights and angles meandering amongst the trees.

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 19.0 | Salix viminalis | 200 | BR canes | 4/lin m |

## 20.0 JAPANESE GARDEN

Themed planting including pruned topiary clouds and hummocks, rocks, gravel and pavilion structure.

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 20.0 | Trees | | | |
| | Betula jacquemontii (multi-stem) | 2.0-2.5m | RB | 0.25/m² |
| | Cornus kousa | 0.6-0.8m | 10-12L | 0.45/m² |
| | Shrubs | | | |
| | Acer palmatum | 1.8-2.0m | 25L | 1/m² |
| | Acer palmatum 'Atropurpureum' | 1.8-2.0m | 25L | 1/m² |
| | Acer 'Dissectum Viridus' | 1.2-1.5m | 15L | 1/m² |
| | Aralia elata | 0.9-1.2m | 15L | 1/m² |
| | Azalea japonica | 40-60cm | 5L | 3/m² |
| | Azalea (deciduous) | 80-100cm | 10L | 2/m² |
| | Camellia x williamsii 'Donation' | 1.8-2.0m | RB | 1/m² |
| | Pieris floribunda | 30-40cm | 3L | 3/m² |
| | Phyllostachys nigra | 1.5-1.75m | 20L | 1/m² |
| | Climbers | | | |
| | Wisteria sinsensis | 1.5-2.0m | 10L | 0.25/m² |

## 21.0 FORMAL GARDENS

Full, 'opulent' herbaceous borders with 'structural'shrubs, manicured lawns, dwarf box hedging, and topiary.

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 21.0 | Mixed topiary shapes: | | | |
| | Buxus sempervirens | | | |
| | Ilex aquifolium | | | |
| | Shrubs: | | | |
| | Choisya ternata | 40-60cm | 10L | 1/m² |
| | Hydrangea 'White Wave' | 40-60cm | 5L | 1/m² |
| | Lavandula spica 'Hidcote' | 30-40cm | 3L | 3/m² |
| | Philadelphus 'Belle E'toile' | 40-60cm | 5L | 1/m² |
| | Spiraea 'Snowmound' | 60-90cm | 10L | 1/m² |
| | Herbaceous | | | |
| | Acanthus spinosus | | 2L | 3/m² |
| | Aconitum 'Bressingham Spire' | | 2L | 3/m² |
| | Alchemilla mollis | | 2L | 3/m² |
| | Achillea ptarmica 'The Pearl' | | 2L | 3/m² |
| | Allium giganteum | | 2L | 3/m² |
| | Artemisa 'Powis Castle' | | 2L | 3/m² |
| | Campanula 'Superba' | | 2L | 3/m² |
| | Cimicifuga racemosa | | 2L | 3/m² |
| | Delphinium elatum 'Vespers' | | 2L | 3/m² |
| | Delphinium elatum 'Mighty Atom' | | 2L | 3/m² |
| | Echinops ritro | | 2L | 3/m² |
| | Euphorbia amygloides 'Purpurea' | | 2L | 3/m² |
| | Euphorbia amygloides 'Robbiae' | | 2L | 3/m² |
| | Euphorbia wulfenii | | 2L | 3/m² |
| | Geranium 'Johnsons Blue' | | 2L | 3/m² |
| | Helleborus foetidissima | | 2L | 3/m² |
| | Helleborus orientalis | | 2L | 3/m² |
| | Heuchera 'Palace Purple' | | 2L | 3/m² |
| | Hosta 'Thomas Hogg' | | 2L | 3/m² |
| | Hosta 'Royal Standard' | | 2L | 3/m² |
| | Iris germanica | | 2L | 3/m² |
| | Kniphofia 'Percys Pride' | | 2L | 4/m² |
| | Liatris spicata 'Kobold' | | 2L | 3/m² |
| | Lupinus polyphyllus 'Russel Hybrid' | | 2L | 3/m² |
| | Physostegia 'Summer Snow' | | 2L | 4/m² |
| | Rodgersia aescufolia | | 2L | 4/m² |
| | Salvia 'East Freisland' | | 2L | 3/m² |
| | Sedum 'Autumn Joy' | | 2L | 3/m² |
| | Stachys lanata | | 2L | 3/m² |
| | Climbers | | | |
| | Clematis 'Jackmanii' | 1.0-1.5m | 10L | 0.25/m² |
| | Clematis 'Henryi' | 1.0-1.5m | 10L | 0.25/m² |
| | Hedera 'Hibernica' | 1.0-1.5m | 5L | 0.25/m² |
| | Hedera helix 'Eve' | 1.0-1.5m | 5L | 0.25/m² |
| | Rosa 'Alberic Barbier' | 1.0-1.5m | 10L | 0.25/m² |
| | Wisteria sinensis | 1.0-1.5m | 10L | 0.25/m² |

Bulbs
Allium rosenbachiuanum
Dahlia 'White Klankstad'
Dahlia 'Betty Bowen'
Gladiolus 'Robin'
Lillium 'Imperial Crimson'
Lillium candidum

## 22.0 SOUTH WESTERN BOUNDARY PLANTING

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 22.0 | Trees | | | | | |
| | Betula pendula | Bp | 10-12cm girth | B | As shown | 5 |
| | Crataegus monogyna 'Stricta' | CmS | 10-12cm girth | B | As shown | 3 |
| | Quercus ilex | Qi | 12-14cm girth | RB | As shown | 6 |
| | Quercus robur | Qr | 8-10cm girth | RB | As shown | 1 |
| | Salix alba caerulea | Sc | 12-14cm girth | B | As shown | 3 |
| | Sorbus hupehensis | Sh | 10-12cm girth | B | As shown | 28 |
| | Sorbus majestica | Sm | 12-14cm girth | B | As shown | 6 |
| | Climbers | | | | | |
| | Hedera helix 'Eva' | | 100-150cm | 10L | 0.5/lin m | 16 |
| | Hedera hibernica | | 80-100cm | 5L | 0.5/lin m | 16 |
| | Jasminium off. 'Fiona Sunrise' | | 100-150cm | 3L | 0.5/lin m | 16 |
| | Parthenicissus 'Veitchii' | | 100-150cm | 10L | 0.5/lin m | 16 |
| | Wisteria sinensis | | 100-150cm | 10L | 0.5/lin m | 16 |

Bulbs
Narcissus 'Pride of Cornwall'
Tulipfera 'Queen of the Night'
Tulipfera 'White Emperor'

## NOTES:

All planting material to be selected and reserved at approved nursery by the Landscape Architect.
No substitutions to be made without approval.
All bulbs to be supplied by Springfields.
All trees planted in grass to be mulched around base - 600mm diameter.
All Grass areas to be laid with turf.
Area to be mulched with 75mm medium grade pine bark mulch except for island jungle area - coco mulch.
All hedges to be mulched.

Ref. A3
Ref 36/1/02

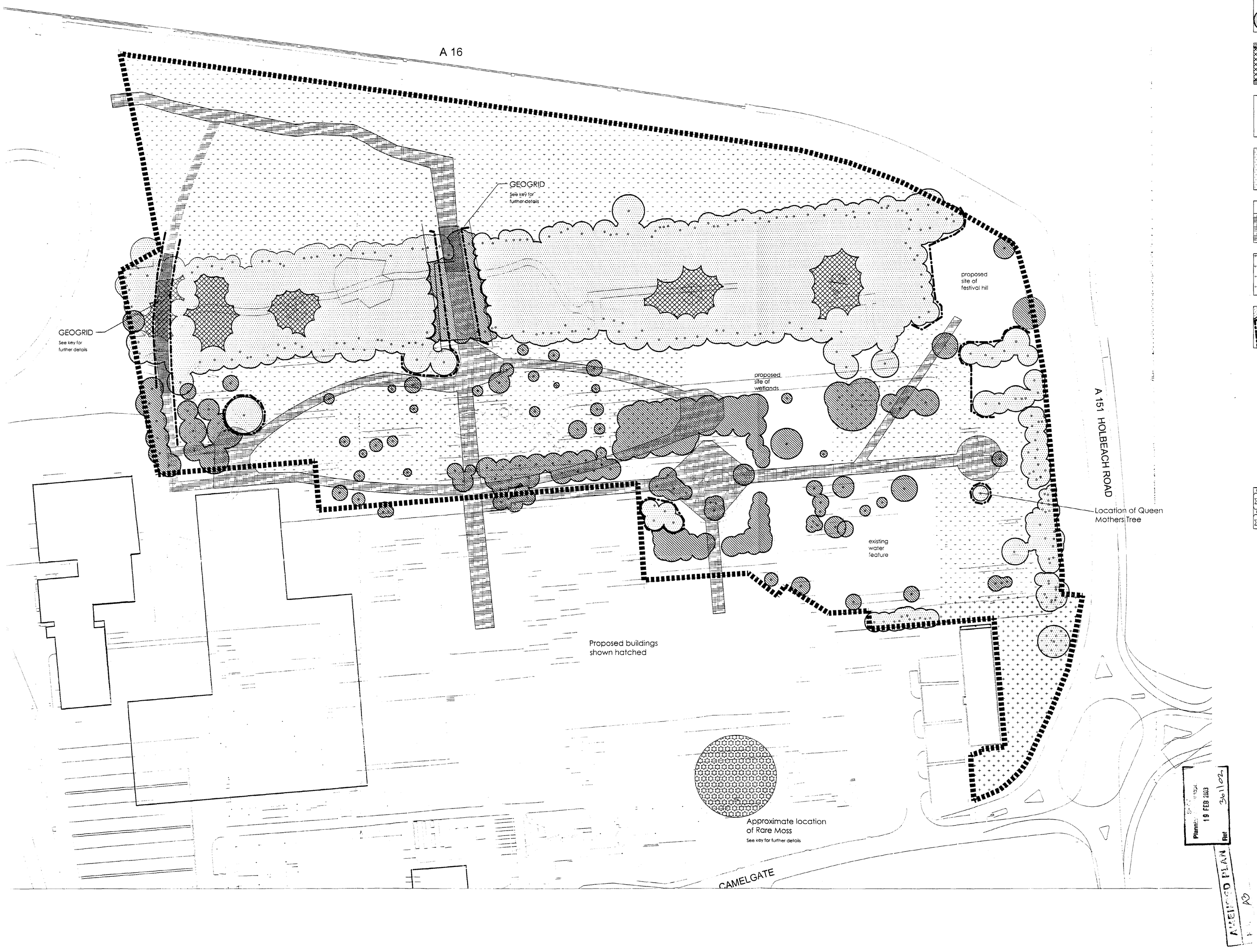
Rev B 28.11.02 PGG Omit Items 23 and 24. General amendments to layout.
Rev A 28.06.02 PGG General Amendments to Layout

PLANTING PROPOSALS
Springfields Festival Gardens,
Factory Outlet Centre, Spalding
For: Thornfield Properties

M 872.RM08B 1:500 March 2002

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TREES TO BE REMOVED
To be confirmed after meeting with Tree Protection Officer

TREES TO BE RETAINED
To be confirmed after meeting with Tree Protection Officer

WOODLAND GLADE
Indicative position of glade. Final position and actual trees to be felled, to be agreed with Tree Protection Officer.

BOUNDARY LINE
Extents of site boundary

GEOGRID
Access road passing through wooded area to be protected with geogrid to prevent unnecessary damage to trees.

HAULAGE ROAD
Access road for contractors following line of proposed hardworks to prevent unnecessary damage to softworks areas.

PROTECTED AREA
Area to be protected from general contractors traffic.

TREE PROTECTION FENCE
Extents of tree protection fencing (chestnut pale fencing, see below). Final position to be agreed on site.

1.2m HIGH CHESTNUT PALE FENCING
To alignment as indicated erect chestnut pale protective fencing supported on 85mm Ø timber posts located at 2400mm centres. Provide 75x50mm timber top rail. Protective fencing to comply with BS 5837: 1991.

VEGETATION
All existing vegetation in non protected areas to be removed.

RARE MOSS
Existing protected species of moss to be relocated to new position. Postion to be agreed with Barnes Walker and the Lincolnshire Naturalist Union before moss is moved. Moss only to be moved under the supervision of Lincolnshire Naturalist Union.
LNU Contact: Mrs Annette Faulkner
65 London Road,
Spalding.

ADDITIONAL NOTES
All tree works to be carried out by a member of the Arboricultural Association to good practice and in strict accordance with BS 3998. Obtain clear instructions from Landscape Architect or Local Authority Tree Officer prior to work commencing.

METHOD STATEMENT
PROGRESSION
- Contractor to set up on site.
- Install compound and erect security fencing to secure site.
- Install haulage roads as indicated.
- Demolition and clearance of existing paths and hardstandings to be serviced from haulage roads.
- Excavate paths in 10m sections and backfill with high quality topsoil to BS 3882 and to the approval of the Landscape Architect.
- On completion of above, no vehicles there after are to travel into areas indicated on this drawing. Storage of materials and vehicles to be in areas allocated at time of set up.

WEATHER
- All operations to be carried out in suitable climatic conditions. Do not carry out work to ground in inclement weather such as frost and snow and during periods of heavy rainfall.

Planning Dept. 19 FEB 2003 Spalding Fleet
APPROVED PLAN

Rev A 27.06.02 PGG Retain and Protect Queen Mother Tree.

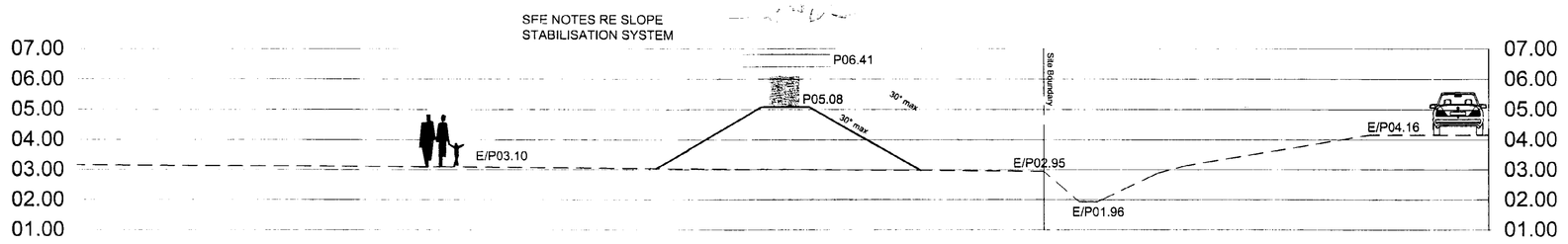
TREE REMOVALS AND ENABLING WORKS
Reserved Matters Application

Springfields Festival Gardens,
Factory Outlet Centre, Spalding

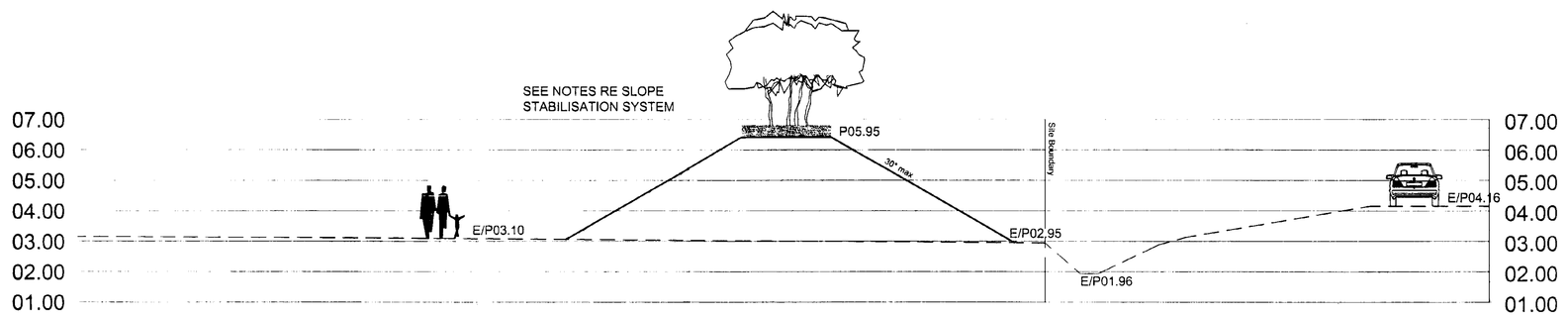
For: Thornfield Properties plc

M872/RM07A 1:500 January 2002

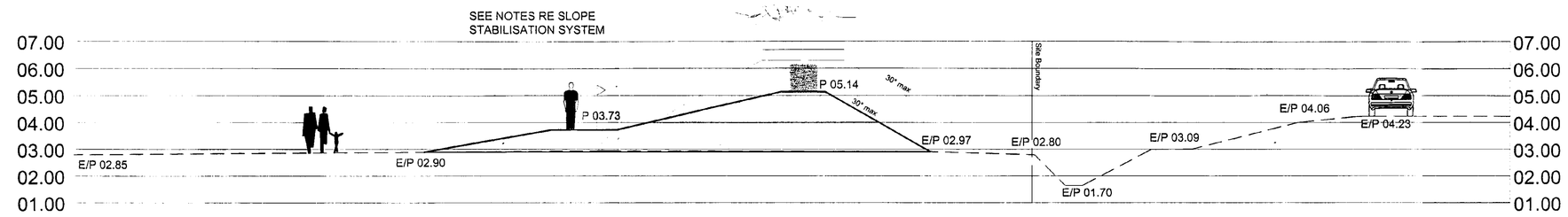
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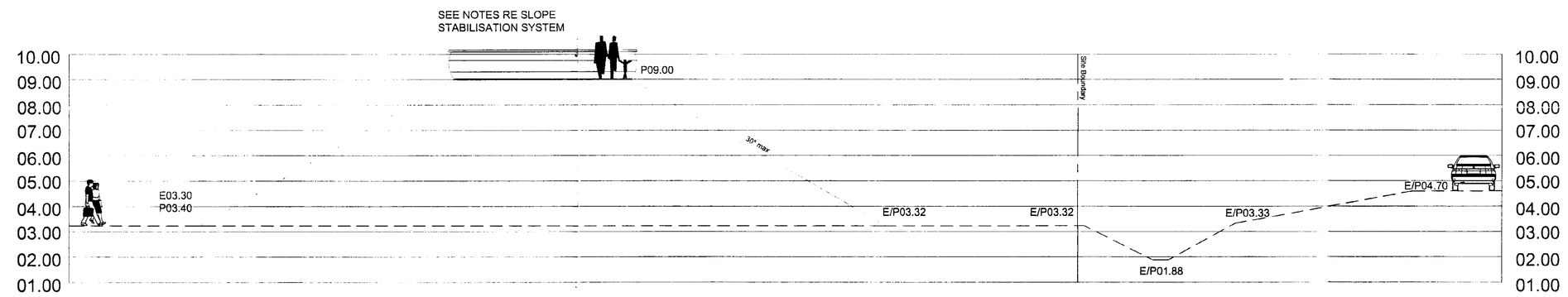

## Section AA A16 Boundary Treatment 1/100



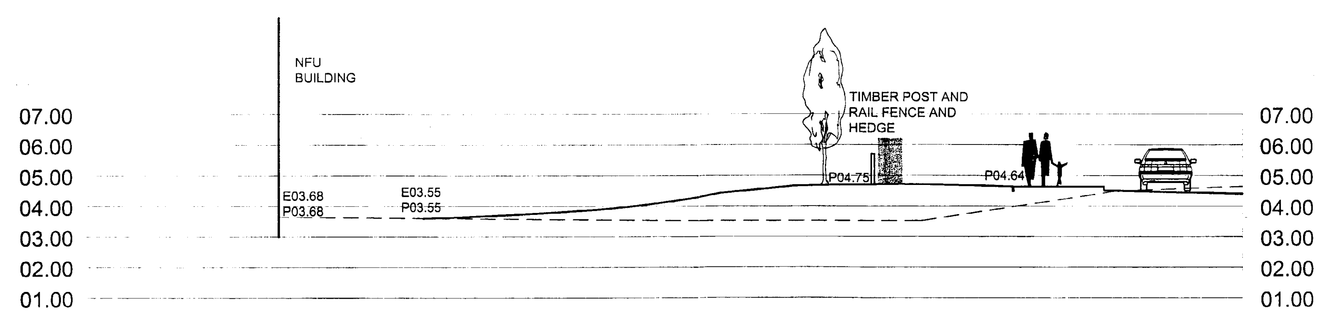

## Section BB A16 Boundary Treatment 1/100




## Section CC A16 Boundary Treatment & Mini Golf 1/100




## Section DD Festival Hill 1/100




## Section EE A151 Boundary Treatment adjacent to New Roundabout 1/100

## NOTE

All slopes to be constructed to a maximum angle of 30° using 'Biomac' Soil Blankets by

Maccaferri Environmental Solutions
7400 The Quorum
Oxford Buisness Park North
Garsington Road
Oxford OX4 2JZ
Tel 01865 770555

Rev A 28.06.02 PGG Remove steps to Festival Hill

PROPOSED EARTHWORKS SECTIONS
Reserved Matters Application

Springfields Festival Gardens
Retail Outlet Village, Spalding

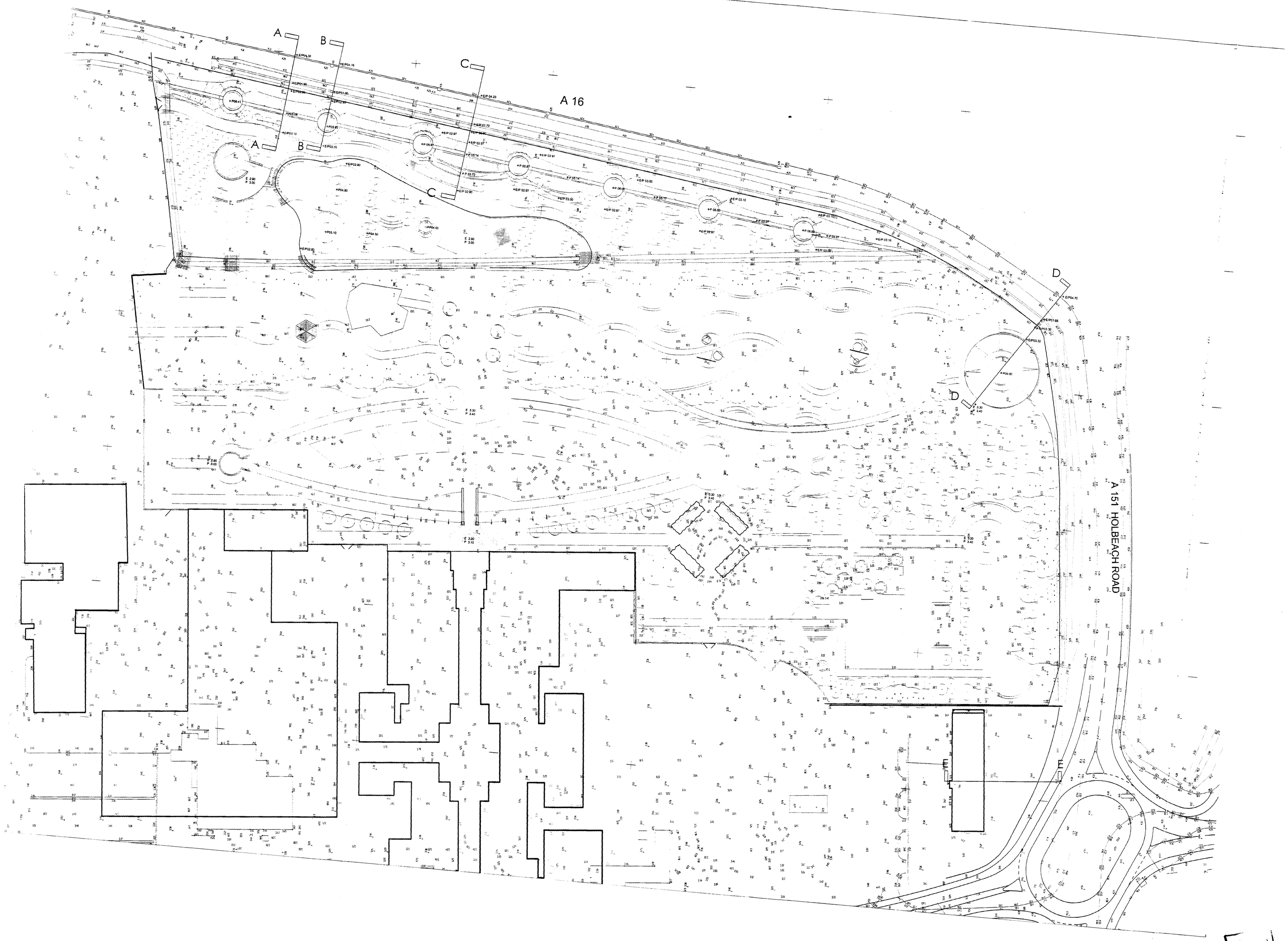
For: Thornfield Properties plc

M872/RM05A 1:100 Dec 2001

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A2
15 JUL 2003
2618




## NOTE

All slopes to be constructed to a maximum angle of 30° using 'Biomac' Soil Blankets by

Maccaferri Environmental Solutions
7400 The Quorum
Oxford Buisness Park North
Garsington Road
Oxford OX4 2JZ
Tel 01865 770555

Read with Cross Sections M872/RM05 and Hardworks Layout M872/RM03

All levels relate to topographical survey, all dimensions and levels to be checked on site before work commences

Rev A 28.06.02 PGG Remove steps to Festival Hill

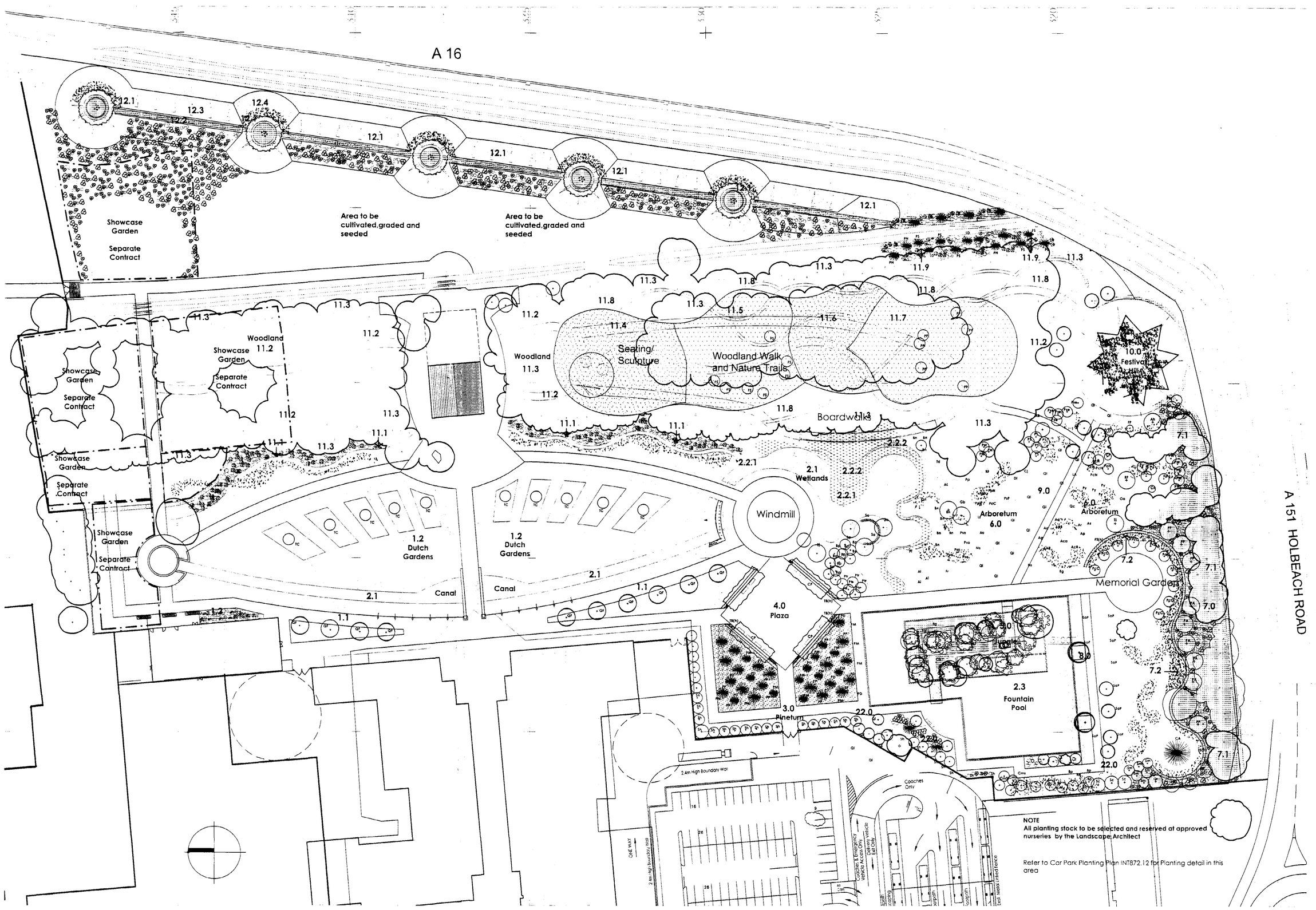
EARTHWORKS LAYOUT
Reserved Matters Application
Springfields Festival Gardens
Retail Outlet Centre, Spalding

For: Thornfield Properties plc

M872/RM04A 1:500 Dec 2001

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## 1.0 ENTRANCE SPACE

### 1.1 ARRIVAL SPACE

Avenue of semi mature trees with columnar form providing a strong vertical axis between the buildings and gardens

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 1.1 | Trees | | | | | |
| | Quercus robur 'Fastigiata' | QF | 20-25cm | RB | As shown | 10 |
| 1.2 | Planting Beds | | | | | |
| | Shrubs | | | | | |
| | Choisya ternata | | 10L | | 1/m² | 10 |
| | Hydrangea 'White Wave' | | 3L | | 1/m² | 10 |
| | Lavandula spica 'Hidcote' | | 3L | | 3/m² | 30 |
| | Philadelphus 'Belle Etoile' | | 5L | | 1/m² | 10 |
| | Spirea 'Snowmound | | 10L | | 1/m² | 10 |
| | Herbaceous | | | | | |
| | Alchemilla mollis | | 2L | | 3/m² | 12 |
| | Allium giganteum | | 2L | | 3/m² | 12 |
| | Dolichnium elatum 'Vespens' | | 2L | | 3/m² | 12 |
| | Dolichnium elatum 'Mighty Atom' | | 2L | | 3/m² | 12 |
| | Euphorbia amygdaloides 'Robbiae' | | 2L | | 3/m² | 12 |
| | Geranium 'Johnson's Blue' | | 2L | | 3/m² | 12 |
| | Helleborus foetidissima | | 2L | | 3/m² | 12 |
| | Helleborus orientalis | | 2L | | 3/m² | 12 |
| | Heuchera 'Palace Purple | | 2L | | 3/m² | 12 |
| | Hosta 'Thomas Hogg' | | 2L | | 3/m² | 12 |
| | Knipholia 'Percy's Pride' | | 2L | | 3/m² | 12 |
| | Salvia 'East Friesland' | | 2L | | 3/m² | 12 |
| | Sedum 'Autumn Joy' | | 2L | | 3/m² | 12 |

### 1.2 DUTCH GARDENS

An avenue of semi mature trees with columnar form providing a strong vertical axis between the buildings and gardens

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 1.21 | Taxus baccata canes | 'C | 4m high | CG | As shown | 10 |

**1.22** Bulb displays
Planted within the beds at the base of each taxus cone.
Planted in front of the ornamental woodland edge, as shown on plan.

## 2.0 WATER FEATURES

Waterbodies each with a distinctive character providing boadic containment and amenity

### 2.1 CANAL

Water body with its density planted to both edges. To be planted using Bio-Rolls by Greenfix. Refer to Canal Details for specification. Greenfix - Tel: 01242 700092.

| KEY | SPECIES | Length Required |
|---|---|---|
| 2.1 | Iris Bio-Rolls | 315m |

### 2.2 WETLAND

Wetland area to be planted with native species to promote diverse flora and fauna.

| KEY | SPECIES | % MIX | TYPE | SPACING | NO. |
|---|---|---|---|---|---|
| 2.2.1 | Aquatics | | | | |
| | Ceratophyllum demersum | 10 | P7 | 5/m² | 115 |
| | Myriophyllum spicatum | 10 | P7 | 5/m² | 115 |
| | Nuphar lutea | 10 | P7 | 5/m² | 115 |
| | Polygonum amphibium | 20 | P7 | 5/m² | 230 |
| | Potamogeton natans | 20 | P7 | 5/m² | 230 |
| | Sagittaria sagittifolia | 10 | P7 | 5/m² | 115 |
| | Scirpus lacustris | 20 | P7 | 5/m² | 230 |
| 2.2.2 | Marginals | | | | |
| | Alisma plantago aquatica | 5 | P7 | 5/m² | 75 |
| | Apium nodiflorum | 5 | P7 | 5/m² | 75 |
| | Butomus umbellatus | 10 | P7 | 5/m² | 135 |
| | Eleocharis palustris | 15 | P7 | 5/m² | 210 |
| | Mentha aquatica | 5 | P7 | 5/m² | 75 |
| | Myosotis scorpioides | 10 | P7 | 5/m² | 135 |
| | Nasturtium officinale | 15 | P7 | 5/m² | 210 |
| | Rorippa amphibia | 5 | P7 | 5/m² | 75 |
| | Rumex hydrolapathum | 5 | P7 | 5/m² | 75 |
| | Sparganium erectum | 5 | P7 | 5/m² | 75 |
| | Typha angustifolia | 20 | P7 | 5/m² | 270 |

### 2.3 FOUNTAIN POOL

| KEY | SPECIES | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|
| 2.4 | Nymphaea alba | 1L | CG | 0.25/m² | 40 |
| | Nymphaea 'Escarboucle' | 1L | CG | 0.25/m² | 40 |
| | Nymphaea 'Virginia' | 1L | CG | 0.25/m² | 40 |
| | Nymphaea x laydeken 'Fulgens' | 1L | CG | 0.25/m² | 40 |
| | Nymphaea marliacea 'Carnea' | 1L | CG | 0.25/m² | 40 |

## 3.0 PINETUM

An arrangement of pines with slate mulch.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 3.0 | Pinus densiflora | PD | 225-250cm | RB | As shown | 11 |
| | Pinus mugo | PM | 225-250cm | RB | As shown | 15 |
| | Pinus ponderosa | PP | 175-200cm | RB | As shown | 12 |

## 4.0 PLAZA

A formal square with perimeter planting comprising pleached hornbeam and yew hedging. Seats to be arranged in front of the hedge. Seasonal bulb/seeding display to be planted within the areas between the seating.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 4.0 | Pleaching | CP | 20-25cm | RB | 2.0m cts. | 19 |
| | Carpinus betulus | | | | | |
| | Hedge | | | | | |
| | Taxus baccata | Tb(h) | 120cm | RB | 3.5/lin m | 189 |

Bulbs
Tulipa 'White Emperor'

## 5.0 JUNGLE

Lush, bold, architectural style planting with large leaves, contrasting foliage, hot coloured flowers and a network of timber decked jungle paths.
Entire island to be mulched with 75mm deep coco mush.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 5.0 | Trees | | | | | |
| | Catalpa bignonioides | Cb | 8-10cm | RB | As shown | 1 |
| | Catalpa bignonioides 'Aurea' | CbA | 8-10cm | RB | As shown | 1 |
| | Eucalyptus gunii | Eg | 8-10cm | RB | As shown | 2 |
| | Eucalyptus niphophila | En | 8-10cm | RB | As shown | 1 |
| | Shrubs, Grasses, Ferns, Bamboos | | | | | |
| | Arundinaria nitida | | 2.5-3.0m | 25L | 0.25/m² | 10 |
| | Dioscorea antipticica | | 1.5-1.75m | 20L | 0.25/m² | 10 |
| | Fatsia japonica | | 1.5-1.75m | 20L | 0.25/m² | 10 |
| | Phyllostachys nigra + aurea | | 2.5-3.0m | 25L | 0.25/m² | 10 |
| | Trachycarpus fortunei | | 1.75-2.0m | 20L | 0.25/m² | 10 |
| | Saxa palmata | | 30-40cm | 3L | 3/m² | 100 |
| | Blechnum spicant | | 30-40cm | 3L | 3/m² | 100 |
| | Osmunda regalis | | 30-40cm | 3L | 3/m² | 100 |
| | Polystichum munitum | | 30-40cm | 3L | 3/m² | 100 |
| | Herbaceous | | | | | |
| | Gunnera manicata | | | 5L | 3/m² | 100 |
| | Hosta sieboldiana | | | 3L | 3/m² | 100 |
| | Lysimachia 'Firecracker' | | | 2L | 5/m² | 165 |
| | Lobelia cardinalis | | | 2L | 5/m² | 165 |
| | Ricinus 'Impala' | | | 2L | 5/m² | 165 |
| | Climbers | | | | | |
| | Passiflora caerulea | | 60-90cm | 3L | 1/m² | 15 |
| | Vitis coignetiae | | 60-90cm | 3L | 1/m² | 15 |

Bulbs
Canna 'Striata'+'Durban'
Crocosmia 'Lucifer'
Dahlia 'Bednall Beauty'
Hemerocallis
Zantedeschia 'Crowborough'

## 6.0 ARBORETUM

Unusual specimen trees chosen for their seasonal and botanical interest. Bulbs to be planted in drifts and occasional groupings to the bases of individual trees.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 6.0 | Trees | | | | | |
| | Acer caillipes | Ac | 1.5-1.75m MS | RB | As shown | 1 |
| | Acer capodocicum | Acg | 12-14cm girth | B | As shown | 1 |
| | Acer cappodocium 'Rubrum' | AcR | 12-14cm girth | B | As shown | 1 |
| | Acer davidii 'Madeline Sarilla' | Ad | 8-10cm girth | B | As shown | 1 |
| | Acer griseum | Ag | 1.5-1.75m | 15L | As shown | 1 |
| | Acer palmatum 'Heptalobum Rubrum' | AHR | 1.25-1.5m | 25L | As shown | 1 |
| | Acer pensylvanicum | Ap | 6-8cm girth | B | As shown | 1 |
| | Acer pseudoplatanus 'Brilliantissimum' | AB | 1.75-2m | 10L | As shown | 1 |
| | Acer rufinerve | Ar | 6-8cm girth | B | As shown | 1 |
| | Acer saccharnum 'Temoles Upright' | As | 6-8cm girth | B | As shown | 1 |
| | Aesculus 'Briotii' | AB | 10-12cm girth | B | As shown | 1 |
| | Aesculus hippocastanum | Ah | 16-18cm girth | B | As shown | 1 |
| | Alnus imperialis | Ai | 8-10cm girth | B | As shown | 3 |
| | Alnus incana 'Laciniata' | AL | 16-18cm girth | RB | As shown | 1 |
| | Arbutus unedo | Au | 1.5-1.75m | 45L | As shown | 1 |
| | Betula nigra | Bn | 8-10cm Ftd | B | As shown | 10 |
| | Betula pubescens | Bp | 8-10cm Ftd | B | As shown | 10 |
| | Cercidiphyllum japonicum | C_J | 1.25-1.5m | 25L | As shown | 1 |
| | Cercis 'Forest Pansy' | CF | 1.5-1.75m | 45L | As shown | 1 |
| | Cercis siliquastrum | CS | 1.5-1.75m | 45L | As shown | 1 |
| | Davidia involucrata | Di | 2-2.5m | 25L | As shown | 1 |
| | Eucalyptus gunni | Eg | 2-2.5m | 25L | As shown | 1 |
| | Fagus sylvatica 'Riversii' | FR | 12-14cm girth | RB | As shown | 1 |
| | Fraxinus excelsior 'Pendula | FP | 6-8cm girth | 25L | As shown | 1 |
| | Ginkgo biloba | Gb | 10-12cm girth | RB | As shown | 1 |
| | Koelreuteria paniculata | Ka | 6-8cm girth | 25L | As shown | 1 |
| | Liquidamber styraciflola | Ls | 12-14cm girth | RB | As shown | 1 |
| | Liriodendron 'Lirodmargrinata' | LA | 10-12cm girth | RB | As shown | 1 |
| | Magnolia salicifolia | Ms | 1.5-1.75m | 45L | As shown | 1 |
| | Nyssa sylvatica | Ns | 2-2.5m | 45L | As shown | 1 |
| | Oxydendrum arboreum | Oa | 1.25-1.5m | 45L | As shown | 1 |
| | Parrotica persica | Pp | 1.25-1.5m | 25L | As shown | 1 |
| | Paulownia tomrentosa | Pt | 1.25-1.5m | 25L | As shown | 1 |
| | Populus tremula | Pt | 10-12cm girth | B | As shown | 6 |
| | Prunus cerasifera 'Nigra' | PcN | 12-14cm girth | B | As shown | 5 |
| | Prunus dessardi 'Ngra' | PdN | 12-14cm girth | B | As shown | 3 |
| | Prunus padus 'Watereri' | PW | 10-12cm girth | B | As shown | 8 |
| | Prunus sargenti | Psg | 10-12cm girth | B | As shown | 5 |
| | Prunus semula | Pse | 10-12cm girth | B | As shown | 5 |
| | Prunus 'Shirogen' | PS | 10-12cm girth | B | As shown | 5 |
| | Prunus 'Umineko' | PU | 10-12cm girth | B | As shown | 3 |
| | Prunus vedoensis | Pv | 10-12cm girth | B | As shown | 5 |
| | Pterocarya fraxinifolia | Pf | 6-8cm girth | B | As shown | 1 |
| | Pyrus salicifolia 'Pendula' | PsP | 10-12cm girth | RB | As shown | 1 |
| | Pyrus calleryana 'Chanticleer' | PcC | 10-12cm girth | B | As shown | 1 |
| | Quercus coccinea | Qc | 8-10cm girth | RB | As shown | 1 |
| | Quercus nigra | Qn | 8-10cm girth | RB | As shown | 1 |
| | Robinia 'Frisia' | RF | 8-10cm girth | B | As shown | 2 |
| | Salix alba | Sa | 12-14cm girth | B | As shown | 3 |
| | Salix x babylonica 'Pendula' | SaP | 12-14cm girth | B | As shown | 1 |
| | Sophora japonica | Sj | 6-8cm girth | 25L | As shown | 2 |
| | Taxodium distichum | Td | 1.75-2m | RB | As shown | 1 |
| | Bulbs | | | | | |
| | Cyclamen persicum | | | | | |
| | Galanthus nivalis | | | | | |
| | Narcissus 'Tete a tete' | | | | | |

## 7.0 PERIMETER BOUNDARY TO A151

Existing planting retained and supplemented with native species hedges, trees and shrubs.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| | Trees | | | | | |
| | Prunus padus | PP | 12-14cm girth | RB | As shown | 7 |
| | Prunus avium 'Plena' | PA | 12-14cm girth | RB | As shown | 5 |
| | Cedrus atlantica | CA | 2.5-3.0m | CG | As shown | 1 |
| | Pyrus calleryana 'Chanticleer' | PcC | 10-12cm girth | B | As shown | 10 |
| 7.1 | Understorey Planting | | | | | |
| | Crataegus monogyna | | 60-90cm | BR | 1.7/m² | 240 |
| | Corvlus avellana | | 60-90cm | BR | 1.7/m² | 240 |
| | Ilex aquifolium | | 60-90cm | RB | 1.7/m² | 160 |
| | Viburnum opulus | | 60-90cm | BR | 1.7/m² | 160 |
| | Hedges | | | | | |
| | Fagus sylvatica | FS(h) | 175-200cm | BR | 5/m | 600 |
| | Crataegus monogyna | CM(h) | 90-120cm | BR | 5/m | 850 |
| 7.2 | Bulbs | | | | | |
| | Crocus speciosus 'Oxonian' | | | | | |
| | Tulipa 'Greuze' | | | | | |
| | Narcissus 'Trousseau | | | | | |
| | Narcissus 'Satin Pink' | | | | | |

NOTE All bulbs to be subject to Sparrowhawk

## 8.0 TREE GRID ALONG WATERS EDGE

Large trees of striking form planted in a grid arrangement within raised levels event,city forming a continuous weeping canopy.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 8.0 | Trees | | | | | |
| | Salix x babylonica 'Pendula' | SaP | 16-18 | B | As shown | 9 |

## 9.0 FESTIVAL HILL BOULEVARD

A avenue of large evergreen trees creating a back axis, edging to festival hill.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 9.0 | Trees | | | | | |
| | Quercus ilex | Qi | 16-18cm | B | As shown | 16 |

## 10.0 FESTIVAL HILL

A 'formwork' earthwork with viewing platform, sculpture and bulb displays.

| KEY | SPECIES |
|---|---|
| 10.0 | Star pattern constructed with timber edging. Bulbs to be planted in turf within timber edging. Turf to be laid outside the timber edging. Bulbs: Narcissus varieties. |

## 11.0 WOODLAND

Retained woodland to be managed and reinforced with native species to provide a backdrop to the gardens, shelter from prevailing winds and enhance opportunities for enjoyment

UNDERSTOREY WITHIN CORE OF WOODLAND

Allow for 250 m2

### 11.2

All to be group planted with trees at 10-25 per group and shrubs at 5-10 per group.
Alnus and corylus planted randomly with occasional groups

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.2 | Understorey Planting | | | | |
| | Alnus glutinosa | 15 | 60-90cm | BR | 0.45/m² |
| | Corylus avellana | 25 | 60-90cm | BR | 0.45/m² |
| | Fraxinus excelsior | 12.5 | 60-90cm | BR | 0.45/m² |
| | Ilex aquifolium | 10 | 60-90cm | BR | 0.45/m² |
| | Pinus sylvestris | 2.5 | 60-90cm | BR | 0.45/m² |
| | Prunus avium | 5 | 60-90cm | BR | 0.45/m² |
| | Quercus robur | 25 | 60-90cm | BR | 0.45/m² |
| | Sambucus nigra | 2.5 | 60-90cm | BR | 0.45/m² |
| | Bulbs and Groundcover | | | | |
| | Allium sativum | | | | |
| | Narcissus bulbocodium | | | | |
| | Primula veris vulgaris | | | | |
| | Pulmonaria saccharata | | | | |

### 11.3 WOODLAND EDGE Allow for 500m2

To be planted on edge of existing woodland where there is sufficient light. All to be planted at 1m centres; group planted at 5-7 per group; rancera planted randomly.

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.3 | Acer campoastre | 5 | 60-90cm | BR | 1/m² |
| | Alnus glutinosa | 10 | 60-90cm | BR | 1/m² |
| | Crataegus monogyna | 20 | 60-90cm | BR | 1/m² |
| | Corylus avellana | 42.5 | 60-90cm | BR | 1/m² |
| | Prunus spinosa | 15 | 60-90cm | BR | 1/m² |
| | Lonicera pericyclamen | 2.5 | 60-90cm | BR | 1/m² |
| | Sambucus nigra | 5 | 60-90cm | BR | 1/m² |

### 11.4 HAZEL COPPICE Allow 600M2

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 11.4 | Corylus avellana | 60-90cm | BR | 0.45/m² |
| | Bulbs | | | |
| | Scilla sibrica | | | |

### 11.5 BEECH STAND Allow 600M2

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.5 | Planting Mix | | | | |
| | Fagus sylvatica | 40 | 60-90cm | BR | 0.45/m² |
| | Fraxinus excelsior | 20 | 60-90cm | BR | 0.45/m² |
| | Ilex aquifolium | 10 | 60-90cm | BR | 0.45/m² |
| | Sambucus nigra | 15 | 60-90cm | BR | 0.45/m² |
| | Viburnum opulus | 15 | 60-90cm | BR | 0.45/m² |
| | Tree planting | | | | |
| | Fagus sylvatica | FS | 6-8cm girth | RB | As shown |
| | Bulbs | | | | |
| | Anemone x fulgens | | | | |
| | Fritillaria pallidiflora | | | | |
| | Galanthus nivalis | | | | |
| | Narcissus 'Actaea' | | | | |

### 11.6 SWEET CHESTNUT COPPICE Allow 600M2

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 11.6 | Castanea sativa | 0.9-1.2m | BR | 0.45/m² |
| | Herbaceous | | | |
| | Digitalis purpurea 'Foxy | | IL | 3/m² |

### 11.7 CHERRY STAND Allow 500M2

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.7 | Planting Mix | | | | |
| | Amelanchier lamarckii | 10 | 60-90cm | BR | 0.45/m² |
| | Cornus sanguinea | 30 | 60-90cm | BR | 0.45/m² |
| | Prunus avium 'Plena' | 20 | 1.75-2.0m | BR | 0.25/m² |
| | Prunus padus | 20 | 1.5-1.75m | BR | 0.25/m² |
| | Sorbus torminalis | 20 | 1.5-2.0m | BR | 0.25/m² |
| | Tree planting | | | | |
| | Prunus avium 'Plena' | PP | 6-8cm girth | RB | As shown |
| | Bulbs | | | | |
| | Allium neapolitanum | | | | |
| | Cyclamen persicum 'Kaori Series' | | | | |
| | Fritillaria meleagris | | | | |
| | Ws chrysographes | | | | |
| | Wisg garlic' | | | | |

### 11.8 TRAILS Allow 200M2

Routes through woodland framed by seasonal, native woodland bulbs and groundcover

| KEY | SPECIES | TYPE | SPACING |
|---|---|---|---|
| 11.8 | Groundcover | | |
| | Brunnera macrophylla | IL | 5/m² |
| | Epimedium vers. 'Sulphureum' | IL | 5/m² |
| | Digitalis purpurea 'Alba | IL | 3/m² |
| | Helleborous orientalis | IL | 5/m² |
| | Bulbs | | |
| | Crocus 'Snow Bunting' | | |
| | Cyclamen neapolitanum | | |
| | Fritillaria pallidiflora | | |
| | Hyacinthoides 'Innocence' | | |
| | Zantedeschia 'Crowborough' | | |

### 11.9 EVERGREEN WOODLAND SCREEN

Woodland belt containing typical evergreen species, eg pines, rhododendrons and pines.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.9 | Trees | | | | |
| | Larix decidua | LD | 1.75-2.0m | 25L | As shown |
| | Pinus nigra | PN | 1.75-2.0m | 75L | As shown |
| | Pinus sylvestris | PS | 1.75-2.0m | 75L | As shown |

### 12.0 PERIMETER BOUNDARY TO A16

Stylised earthworks and planting to provide an interesting edge to the gardens.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 12.1 | Willow Stands: | | | | | |
| | Salix x rubens 'Basfordiana' | | 1.p-18cm girth | RB | 3 No. per mound | 21 |
| | Salix x rubens 'Basfordiana' | | 1.75-2.0m | | 12 No. per mound | 84 |
| 12.2 | Mound Planting | | | | | |
| | Salix daphnoides (weir) | | 60-80cm | BR | 3/m² | 900 |
| | Salix vitellisina (golden yellow) | | 60-80cm | BR | 3/m² | 900 |
| | Salix 'Chermsand' (orange-red) | | 60-80cm | BR | 3/m² | 900 |
| 12.3 | Hedges | | | | | |
| | Ilex aquifolium | IA(h) | 60-90cm | RB | 5/m | 770 |
| | Crataegus monogyna | CM(h) | 90-120cm | BR | 5/m | 1300 |
| 12.4 | Bulbs | | | | | |
| | Narcissus varieties | | | | | |

### 22.0 SOUTH WESTERN BOUNDARY PLANTING

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 22.0 | Trees | | | | | |
| | Betula pendula | Bp | 10-12cm girth | B | As shown | 5 |
| | Crataegus monogyna 'Stricta' | CmS | 10-12cm girth | B | As shown | 3 |
| | Quercus ilex | Qi | 12-14cm girth | RB | As shown | 6 |
| | Quercus robur | Qr | 8-10cm girth | RB | As shown | 1 |
| | Salix alba caerulea | Sc | 12-14cm girth | B | As shown | 3 |
| | Sorbus hupheneis | Sh | 10-12cm girth | B | As shown | 28 |
| | Sorbus majestica | Sm | 12-14cm girth | B | As shown | 6 |
| | Climbers | | | | | |
| | Hedera helix 'Eva' | | 100-150cm | 10L | 0.5/lin m | 16 |
| | Hedera hibernica | | 80-100cm | 5L | 0.5/lin m | 16 |
| | Jasminum off. 'Fiona Sunrise | | 100-150cm | 3L | 0.5/lin m | 16 |
| | Parthenocissus 'Veitchii' | | 100-150cm | 10L | 0.5/lin m | 16 |
| | Wisteria sinensis | | 100-150cm | 10L | 0.5/lin m | 16 |
| | Bulbs | | | | | |
| | Narcissus 'Pride of Cornwall' | | | | | |
| | Tulipfera 'Queen of the Night' | | | | | |
| | Tulipfera 'White Emperor' | | | | | |

## NOTES:

All planting material to be selected and reserved at approved nursery by the Landscape Architect.
No substitutions to be made without approval.
All trees planted in grass to be mulched around base - r 30mm diameter.
All Grass areas to be laid with turf. See Section Q30/410,410A.

Area to be mulched with 75mm medium grade pine bark mulch except for island jungle area - coco mulch.
All hedges to be mulched.

Rev D 21.08.03 Update in line with GA M872.RM02E. Amend Mound to A16 Boundary.
Rev C 03.07.03 PGG Update in line with General Arrangement M872.02D
Rev B 28.11.02 PGG Omit items 23 and 24. General amendments to layout.
Rev A 28.06.02 PGG General Amendments to Layout

# PLANTING PROPOSALS
## Springfields Festival Gardens, Factory Outlet Centre, Spalding

For: Thornfield Properties

M 872.RM08D | 1:500 | March 2002

Planning Department
- 4 SEP 2003
Ref 03/0162

barnes·walker
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3450N

3400N

3350N

3300N

A16

Indicative Area of Japanese Garden by Sansui Design. Final Levels and Quantities to be Supplied to Main Contractor by Sansui Design.

FFL 3.45

Rev B 01.09.03 PGG Update to illustrate 5 mounds to A16 Boundary.
Rev A 28.06.02 PGG Remove steps to Festival Hill

EARTHWORKS LAYOUT
Reserved Matters Application

Springfields Festival Garden
Retail Outlet Centre, Spalding

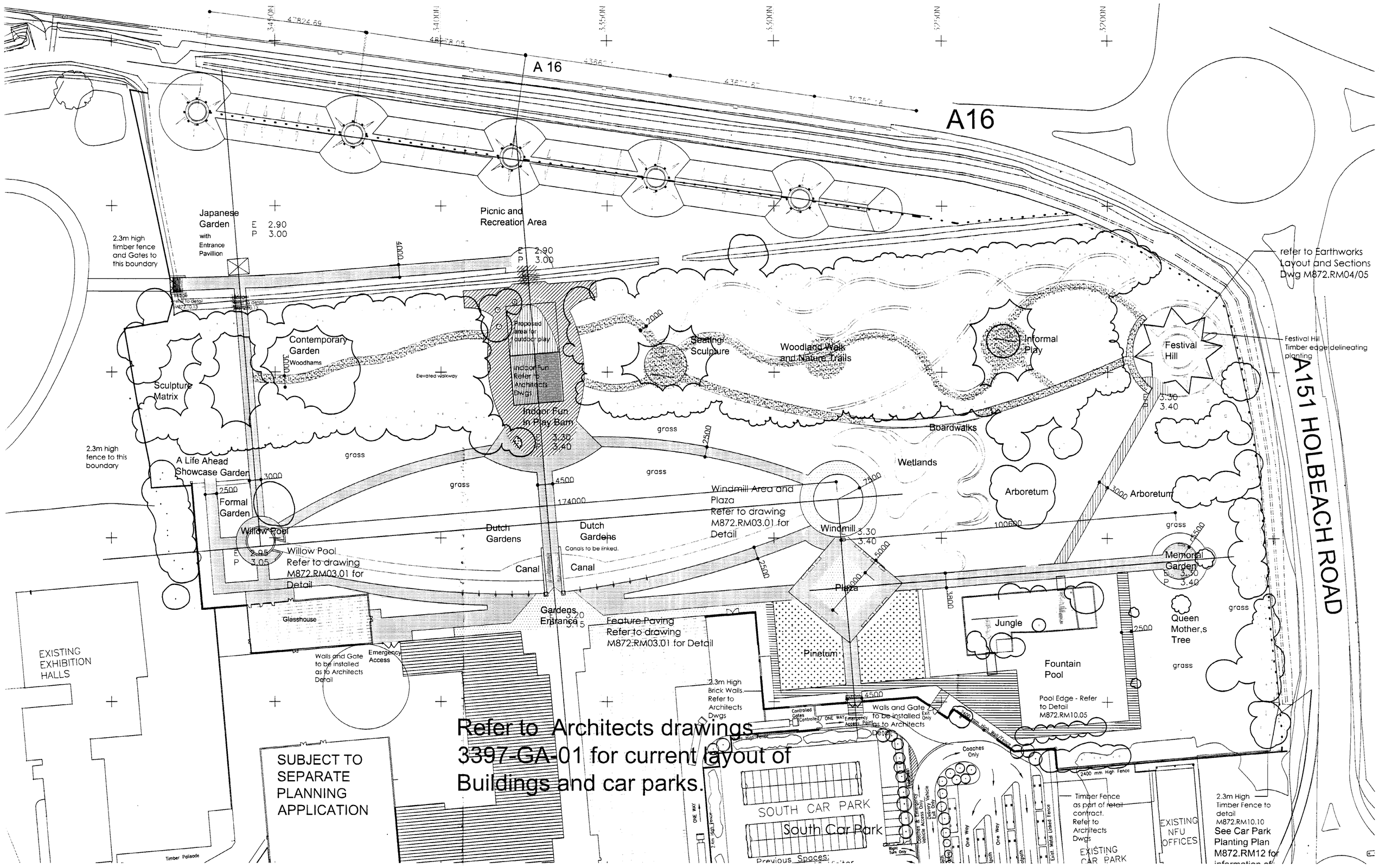
For: Thornfield Properties p

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A4 M872/RM04B 1:500 PGG Dec 20

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## FOOTPATH Type One

Widths as dimensioned. Bitmac paths constructed to light vehicle and occasional emergency vehicle specification. Surface dressed with 2 layer of Fibredec with 6mm Golden Gravel installed to Colas instruction. Edgings as to Detail M872.RM10.01.

## FOOTPATH Type Two

Widths as dimensioned. Bitmac paths constructed to pedestrian specification unless path otherwise designated for vehicular use. Edgings to be 150x50mm PCC Pinkerb haunched in concrete and set flush with adjoining surfaces.

## FOOTPATH Type Three

Widths as dimensioned. Bitmac paths constructed to light vehicle and occasional emergency vehicle specification. Surface dressed with 2 layer of Fibredec with 6mm Golden Gravel installed to Colas instruction. Edgings as to Detail M872.RM10.03.

## FOOTPATH Type Four

Widths as dimensioned. Bitmac paths constructed to light vehicle and occasional emergency vehicle specification. Surface dressed with 2 layer of Fibredec with 6mm Golden Gravel installed to Colas instruction. Edgings to be 150x50mm PCC Pinkerb haunched in concrete and set flush with adjoining surfaces.

## FOOTPATH Type Five

Widths as dimensioned. Bitmac paths constructed to maintenance vehicle and occasional emergency vehicle specification. Edgings to be 150x50mm PCC Pinkerb haunched in concrete and set flush with adjoining surfaces.

## ROLLED GRAVEL PATHS

Width as dimensioned. Raisby Golden Gravel paths to pedestrian specification. Timber edge. Detail M872.RM10.06

## SLATE MULCH

Slate mulch dressing from approved source. Refer to Edge Detail M872.RM10.04 for treatment with adjoining footpath.

## 1.0m HIGH STOCK PROOF FENCE

Detail M872.RM10.11

## 2.3m HIGH TIMBER FENCE

Horizontal feather edge panels. Detail M872.RM10.10

## BRIDGES AND BOARDWALKS

Refer to M872.10.13

## Festival Hill

Timber edging to be installed to delineate between grass bank and planting areas.

## BANNERS

## EXISTING AND PROPOSED LEVELS

All levels based on the topographical survey.

## DIMENSIONS

All dimensions in millimetres. All setting out to be approved on site before work commences.

## DIMENSIONS AND LEVELS

All dimensions and levels are based on survey plan provided. Setting out to be checked on site prior to work commencing.

## SITE BOUNDARY

Legal boundary position and titles to be confirmed by HM land registry before work commences.

## SAMPLES

Sample materials to be submitted to Landscape Architect for approval. Refer to Specification for selected samples required.

Rev D 21.08.03 PGG Update to include current proposal to Mounding for A16 Boundary.
Rev C 03.07.03 PGG General update in line with General Arrangement M872.02D
Rev B 28.11.02 PGG General Amendments to Layout and Key
Rev A 28.06.02 PGG General Amendments to Layout and Key

A4

- 4 SEP 2003

0361/62

HARDWORKS LAYOUT
Reserved Matters Application

Springfields Festival Gardens
Factory Outlet Centre, Spalding

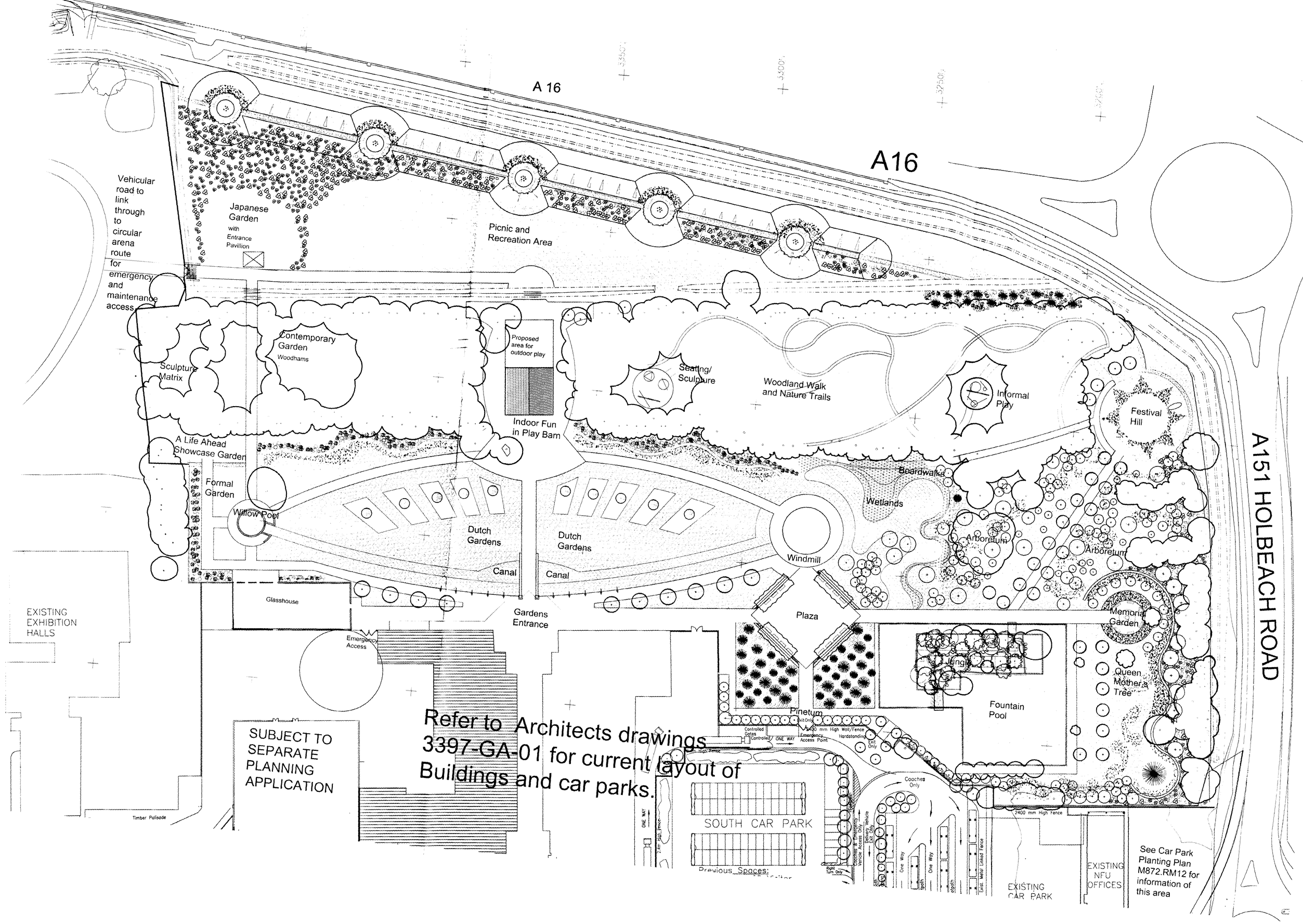
For: Thornfield Properties

M872.RM03D 1:500 PGG March 2002

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FESTIVAL HILL
Prominent corner feature with animated displays
Refer to Earthworks Layout and Sections M872.RM04&RM05

INDOOR FUN STRUCTURE
Indoor play centre set within existing woodland. To include facilities, toilets, info etc
Refer to Architects drawings.

WILLOW POOL
Pool located at end of canal and next to mature willow tree. Access point to Formal Gardens.

ISLAND JUNGLE
Lush exotic planting set within areas of deck and boardwalk
Refer to Planting Plan M872.RM08

PINETUM
Formal Pinetum set within bed of slate mulch
Refer to Hardworks Layout and Planting Plan M872.RM03&RM08

WETLAND AREA
Informal water bodies, timber boardwalks, reed beds and marginal planting
Refer to Planting Plan M872.RM08

FOUNTAIN POOL
Existing water pool to be refurbished and upgraded to create formal water feature and fountain display with areas of poolside decking

CANAL
Formal canal with Dutch style bridge crossings
Refer to Hardworks Layout M872.RM03

EXISTING TREES TO BE PROTECTED
Existing tree groupings to remain refer to tree Works dwg M872.RM07

PROPOSED BOUNDARY TREATMENTS
2.3M High Timber fences.
Refer to Hardworks Layout M872.RM03 and Detail M872.RM10.10

PROPOSED BOUNDARY TO FORMAL GARDEN
2.5M High Wall
Refer to Hardworks Layout M872.RM03 and Detail M872.RM10.10A

PRIMARY PATHS
Primary pedestrian circulation, Insitu bound surface dressing finish. Path widths vary dependant on hierarchy of access refer to Hardworks layout M872.RM03

PLAZAS AND MEETING POINTS
High quality unit paving finish with landing pad for hot air balloon ride
Refer to Hardworks Layout M872.RM03and M872.RM03.01

SHRUBS AND NATIVE WHIP PLANTING
Range of specialist shrubs and native informal planting.
Refer to Planting Plan M872.RM08

PROPOSED TREES
Proposed deciduous trees planted in formal arrangements.
Refer to Planting Plan M872.RM08

PROPOSED TREES
Range of proposed coniferous trees planted in formal arrangements and in groups.
Refer to Planting Plan M872.RM08

PROPOSED TREES
Range of deciduous trees planted in infomal groupings.
Refer to Planting Plan M872.RM08

DISPLAY
Year round floral displays and topiary.
Refer to Planting Plan M872.RM08

BULB DISPLAYS
Year round floral displays.
Refer to Planting Plan M872.RM08

TO BE READ WITH THE FOLLOWING DRAWINGS:

M872.RM03 Hardworks Layout
M872.RM03.01 Hardworks: Detail Areas
M872.RM04 Earthworks Layout
M872.RM05 Earthworks Sections
M872.RM07 Tree Works
M872.RM08 Planting Plan
M872.RM10 Details
M872.RM12 Car Park Planting Plan
M872.RM17 Entrance and Arrivals Area

REVISIONS
Rev E: 21.08.03 BJL. Amendment to boundary mound to A16.
Rev D: 07.07.03 PGG. Balloon Experience. Elevated walkway and Folly omited. Earthmounding to boundary extended. Woodland Walk amended. Updated locations of Showcase Gardens. Update building layouts.
Rev C: 17.02.03 RH. Queen Mother's Tree annotated, perimeter wall (2.9m high) reinstated around Formal Gardens. Key amended.
Rev B 28.11.02 PGG. Omit Boundary Wall to Formal Garden, Replace With Timber Fence. General updates to bring in line with revised Building Layouts
Rev A 28.06.02 PGG Add Balloon Experience. Retain Queen Mothers Tree and re... steps to Festival Hill.

Rec. A4
- 4 SEP 2003
No. 0361/02

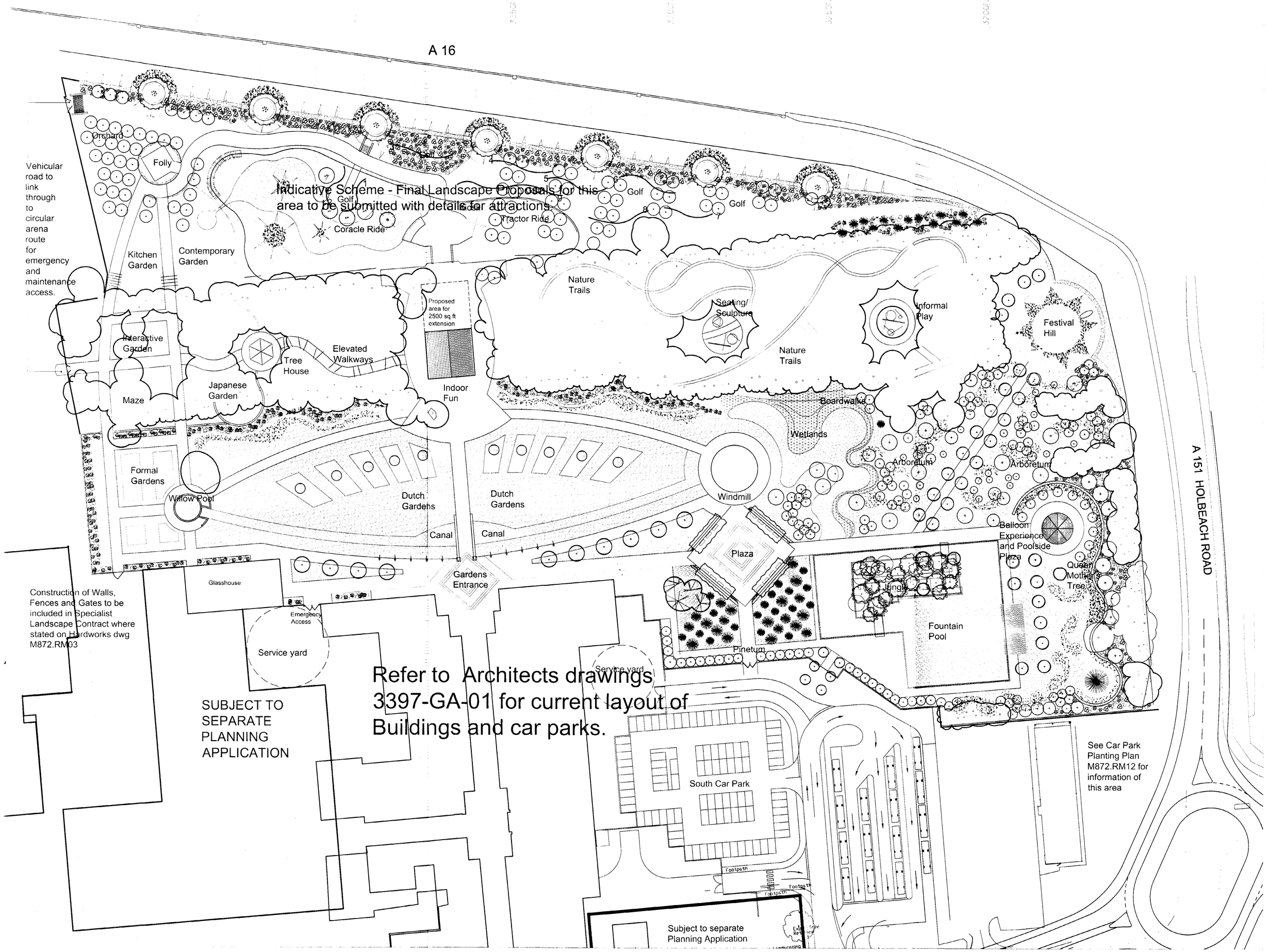
GENERAL ARRANGEMENT
Reserved Matters Application

Springfields Factory Outlet Centre and Festival Gardens, Spalding

For: Thornfield Properties plc

M 872/RM02E 1:500 Aug 2003

barnes · wa




FESTIVAL HILL
Prominent corner feature with animated displays
Refer to Earthworks Layout and Sections
M872.RM04&RM05

INDOOR FUN STRUCTURE
Indoor play centre set within existing woodland. To include facilities, toilets. info etc
Refer to Architects drawings.

FOLLY
To be installed by Specialist Landscape Contractor. See Detail M872.RM15

WILLOW POOL
Pool located at end of canal and next to mature willow tree. Access point to Formal Gardens.

ISLAND JUNGLE
Lush exotic planting set within areas of deck and boardwalk
Refer to Planting Plan M872.RM08

PINETUM
Formal Pinetum set within bed of slate mulch
Refer to Hardworks Layout and Planting Plan M872.RM03&RM08

WETLAND AREA
Informal water bodies, timber boardwalks, reed beds and marginal planting
Refer to Planting Plan M872.RM08

FOUNTAIN POOL
Existing water pool to be refurbished and upgraded to create formal water feature and fountain display with areas of poolside decking

CANAL
Formal canal with Dutch style bridge crossings
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Existing tree groupings to remain refer to tree Works dwg M872.RM07

PROPOSED BOUNDARY TREATMENTS
2.3M High Timber fences.
Refer to Hardworks Layout M872.RM03 and Detail M872.RM10.10

PROPOSED BOUNDARY TO FORMAL GARDEN
2.9M High Wall
Refer to Hardworks Layout M872.RM03 and Detail M872.RM10.10

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Primary pedestrian circulation. Insitu bound surface dressing finish. Path widths vary dependant on hierarchy of access refer to Hardworks layout M872.RM03

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PROPOSED TREES
Range of ~~standard~~ identification feature ~~standard~~ in ~~group~~ arrangements and in groups.
Refer to Planting Plan M872.RM08

DISPLAY
Year round floral displays and topiary.
Refer to Planting Plan M872.RM08

BULB DISPLAYS
Year round floral displays.
Refer to Planting Plan M872.RM08

TO BE READ WITH THE FOLLOWING DRAWINGS:

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M872.RM07 Tree Works
M872.RM08 Planting Plan
M872.RM10 Details
M872.RM12 Car Park Planting Plan
M872.RM15 Folly Elevation
M872.RM17 Entrance and Arrivals Area

Rev C: 17.02.03 RH. Queen Mother's Tree annotated, perimeter wall (2.9m high) reinstated around Formal Gardens. Key amended.
Rev B 28.11.02 PGG. Omit Boundary Wall to Formal Garden, Replace With Timber Fence. General updates to bring in line with revised Building Layouts
Rev A 28.06.02 PGG Add Balloon Experience. Retain Queen Mothers Tree and realign adjacent footpath. Omit steps to Festival Hill.

GENERAL ARRANGEMENT
Reserved Matters Application

Springfields Factory Outlet Centre and Festival Gardens, Spalding

For: Thornfield Properties plc

M 872/RM02C 1:500 Dec 2001

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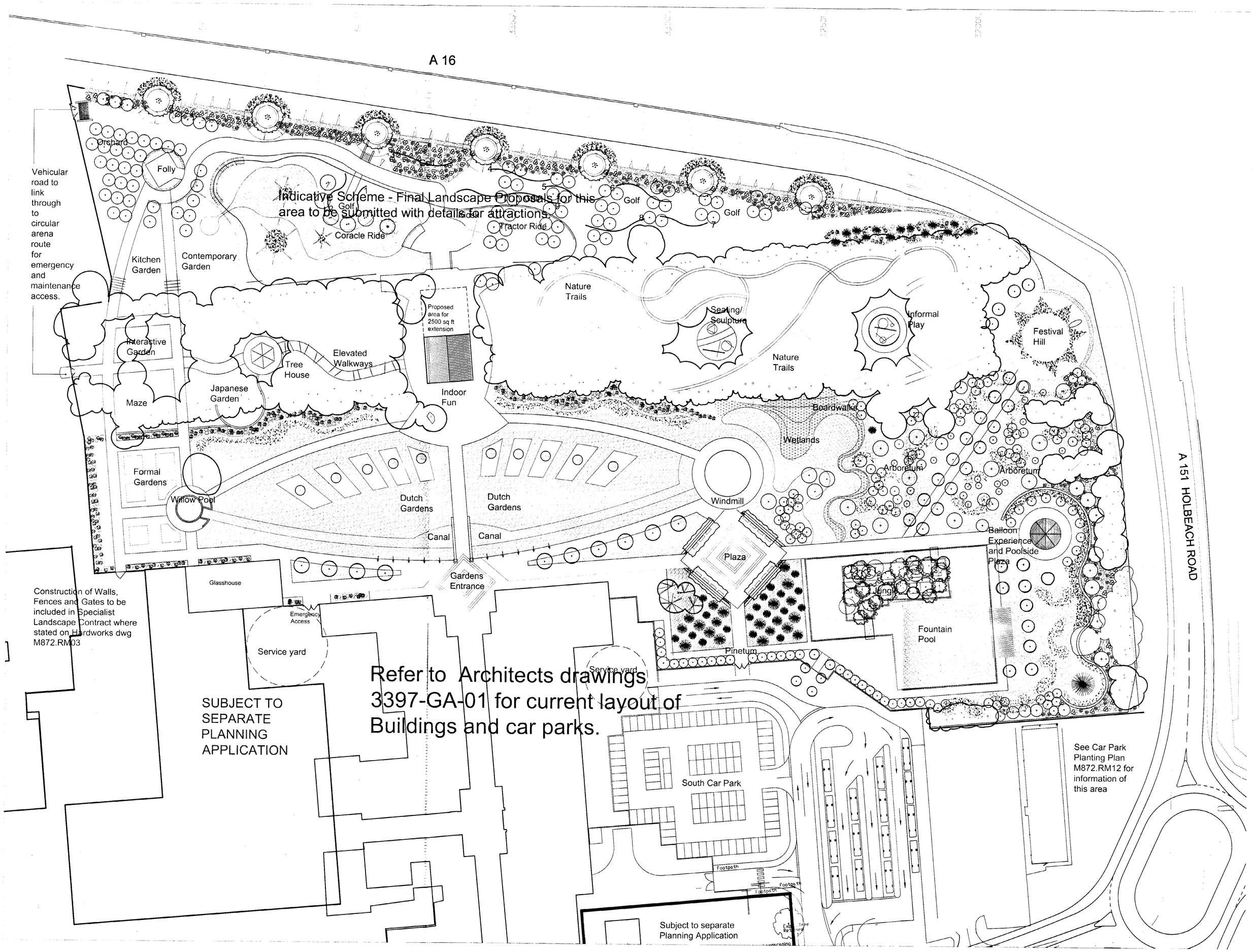
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Ref. A3

19 FEB 2003

14/4/03.




FESTIVAL HILL
Prominent corner feature with animated displays
Refer to Earthworks Layout and Sections
M872.RM04&RM05

INDOOR FUN STRUCTURE
Indoor play centre set within existing woodland. To include facilities, toilets, info etc
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Pool located at end of canal and next to mature willow tree. Access point to Formal Gardens.

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Existing tree groupings to remain refer to tree Works dwg M872.RM07

PROPOSED BOUNDARY TREATMENTS
2.3M High Timber fences.
Refer to Hardworks Layout M872.RM03 and Detail M872.RM10.10

PRIMARY PATHS
Primary pedestrian circulation. Insitu bound surface dressing finish. Path widths vary dependant on hierarchy of access refer to Hardworks layout M872.RM03

PLAZAS AND MEETING POINTS
High quality unit paving finish with landing pad for hot air balloon ride
Refer to Hardworks Layout M872.RM03and M872.RM03.01

SHRUBS AND NATIVE WHIP PLANTING
Range of specialist shrubs and native informal planting.
Refer to Planting Plan M872.RM08

PROPOSED TREES
Proposed deciduous trees planted in formal arrangements.
Refer to Planting Plan M872.RM08

PROPOSED TREES
Range of proposed coniferous trees planted in formal arrangements and in groups.
Refer to Planting Plan M872.RM08

PROPOSED TREES
Range of deciduous trees planted in informal groupings.
Refer to Planting Plan M872.RM08

DISPLAY
Year round floral displays and topiary.
Refer to Planting Plan M872.RM08

BULB DISPLAYS
Year round floral displays.
Refer to Planting Plan M872.RM08

TO BE READ WITH THE FOLLOWING DRAWINGS:

M872.RM03 Hardworks Layout
M872.RM03.01 Hardworks: Detail Areas
M872.RM04 Earthworks Layout
M872.RM05 Earthworks Sections
M872.RM07 Tree Works
M872.RM08 Planting Plan
M872.RM10 Details
M872.RM12 Car Park Planting Plan
M872.RM15 Folly Elevation
M872.RM17 Entrance and Arrivals Area

P1
Rev B 28.11.02 PGG. Omit Boundary Wall to Formal Garden, Replace With Timber Fence. General updates to bring in line with revised Building Layouts
Rev A 28.06.02 PGG Add Balloon Experience. Retain Queen Mothers Tree and realign adjacent footpath. Omit steps to Festival Hill.

GENERAL ARRANGEMENT
Reserved Matters Application

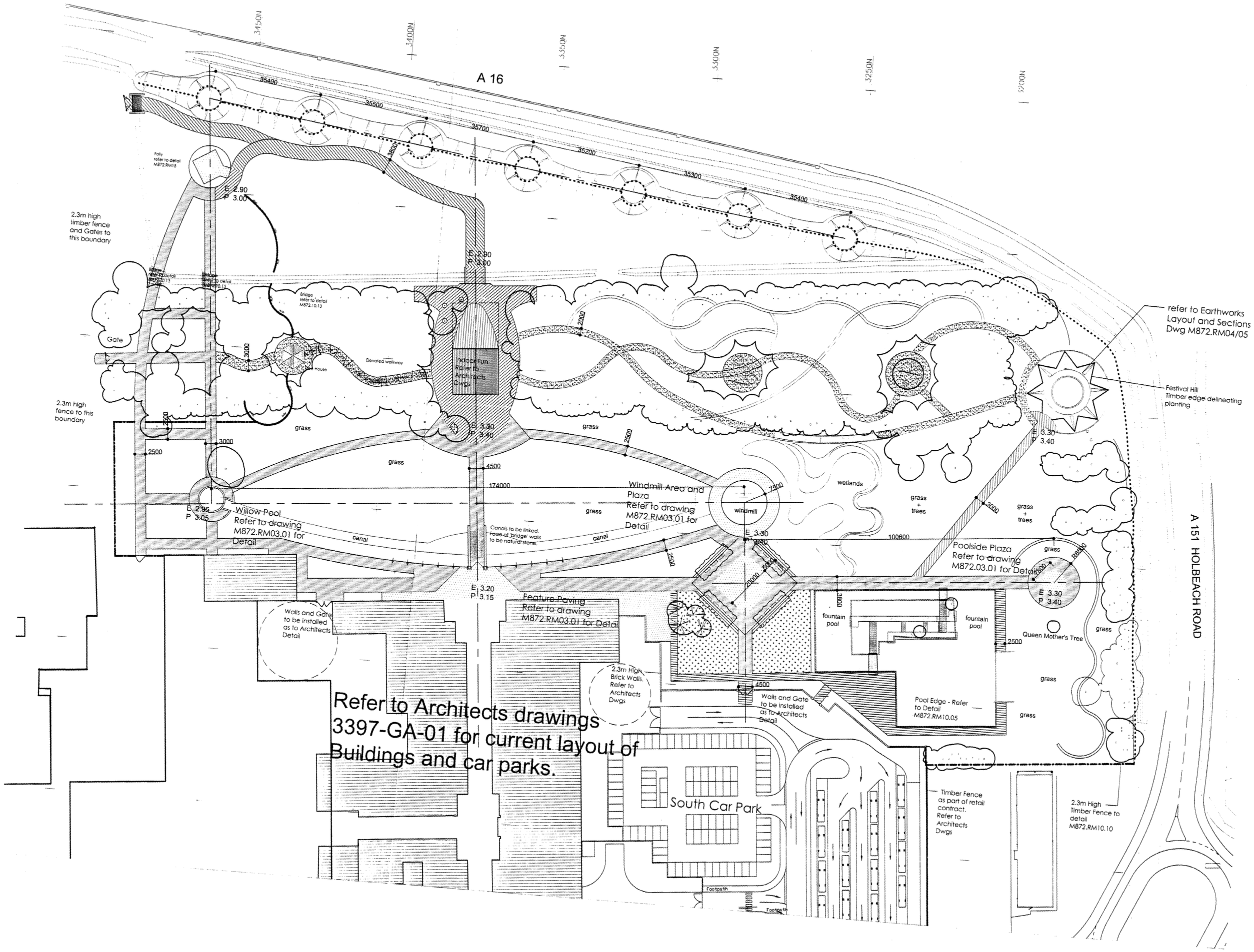
Springfields Factory Outlet Centre and Festival Gardens, Spalding

For: Thornfield Properties plc

M 872/RM02B 1:500 Dec 2001

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A1
A3
19 FEB 2003
3611/02




FOOTPATH Type One
Widths as dimensioned. Bitmac paths constructed to light vehicle and occasional emergency vehicle specification. Surface dressed with 2 layer of Fibredec with 6mm Golden Gravel installed to Colas instruction. Edgings as to Detail M872.RM10.01.

FOOTPATH Type Two
Widths as dimensioned. Bitmac paths constructed to pedestrian specification unless path otherwise designated for vehicular use. Edgings to be 150x50mm PCC Pinkerb haunched in concrete and set flush with adjoining surfaces.

FOOTPATH Type Three
Widths as dimensioned. Bitmac paths constructed to light vehicle and occasional emergency vehicle specification. Surface dressed with 2 layer of Fibredec with 6mm Golden Gravel installed to Colas instruction. Edgings as to Detail M872.RM10.03.

FOOTPATH Type Four
Widths as dimensioned. Bitmac paths constructed to light vehicle and occasional emergency vehicle specification. Surface dressed with 2 layer of Fibredec with 6mm Golden Gravel installed to Colas instruction. Edgings to be 150x50mm PCC Pinkerb haunched in concrete and set flush with adjoining surfaces.

FOOTPATH Type Five
Widths as dimensioned. Bitmac paths constructed to maintenance vehicle and occasional emergency vehicle specification. Edgings to be 150x50mm PCC Pinkerb haunched in concrete and set flush with adjoining surfaces

ROLLED GRAVEL PATHS
Width as dimensioned. Raisby Golden Gravel patnts to pedestrian specification. Timber edge. Detail M872.RM10.06

SLATE MULCH
Slate mulch dressing from approved source. Refer to Edge Detail M872.RM10.04 for treatment with adjoining footpath.

1.0m HIGH STOCK PROOF FENCE
Detail M872.RM10.11

2.3m HIGH TIMBER FENCE
Horizontal feather edge panels. Detail M872.RM10.10

BRIDGES AND BOARDWALKS
Refer to M872.10.13

Festival Hill
Timber edging to be installed to delineate between grass bank and planting areas.

BANNERS

E 3.30
P 3.40
EXISTING AND PROPOSED LEVELS
All levels based on the topographical survey.

35400
DIMENSIONS
All dimensions in millimetres. All setting out to be approved on site before work commences.

DIMENSIONS AND LEVELS
All dimensions and levels are based on survey plan provided. Setting out to be checked on site prior to work commencing.

SITE BOUNDARY
Legal boundary position and titles to be confirmed by HM land registry before work commences.

SAMPLES
Sample materials to be submitted to Landscape Architect for approval. Refer to Specification for selected samples required.

Rev B 28.11.02 PGG General Amendments to Layout and Key
Rev A 28.06.02 PGG General Amendments to Layout and Key

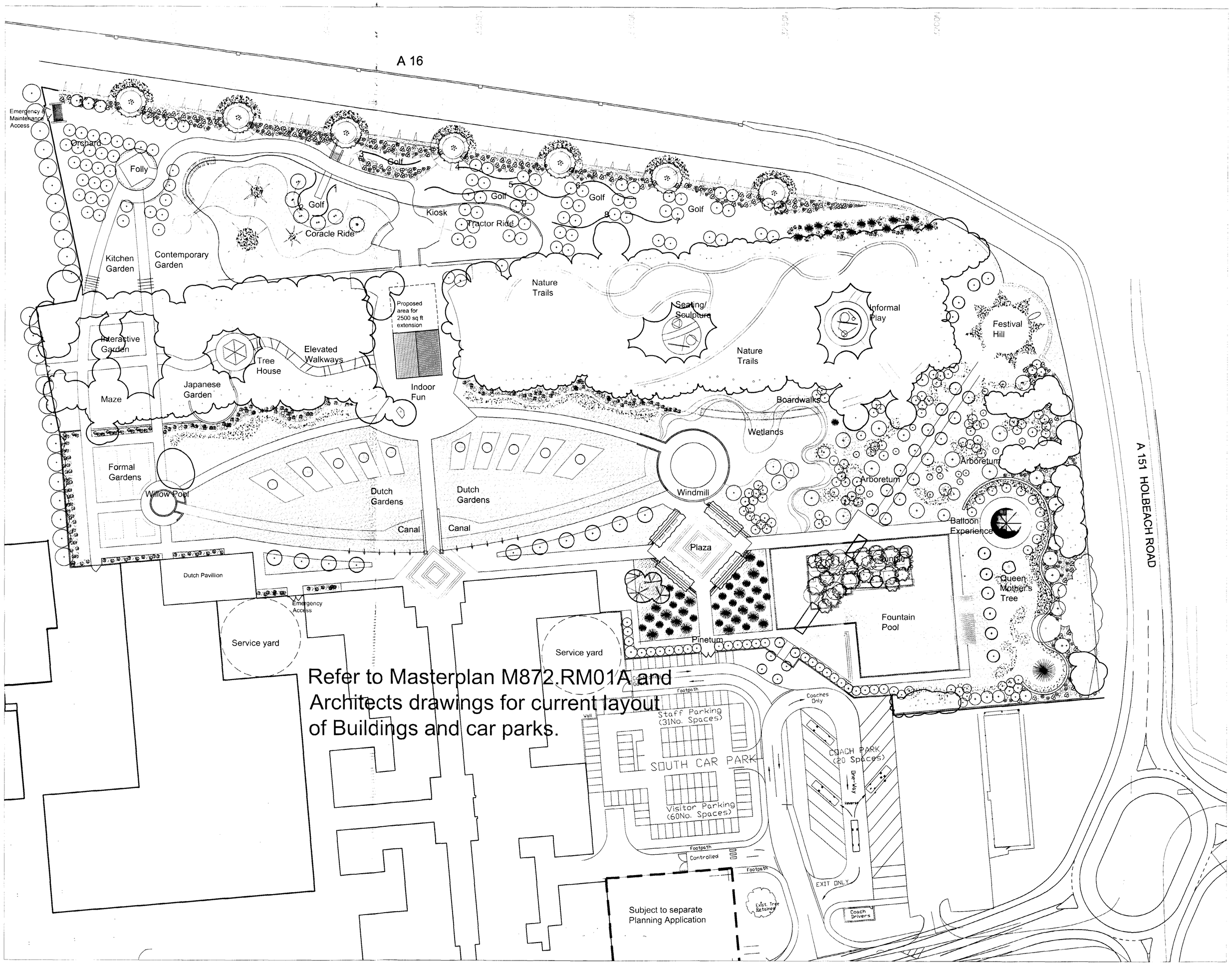
HARDWORKS LAYOUT
Reserved Matters Application

Springfields Festival Gardens
Factory Outlet Centre, Spalding

For: Thornfield Properties

M872.RM03B 1:500 PGG March 2002

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FESTIVAL HILL
Prominent corner feature with animated displays

INDOOR FUN STRUCTURE
Indoor play centre set within existing woodland. To include facilities, toilets, info etc

FOLLY
Set wiltnin orchard

WILLOW POOL
Pool located at end of canal and next to mature willow tree. Access point to Formal Gardens

ISLAND JUNGLE
Lush exotic planting set within areas of decks and boardwalk

PINETUM
Formal Pinetum set within bed of slate mulch

WETLAND AREA
Informal water bodies, timber boardwalks, reed beds and marginal planting

FOUNTAIN POOL
Existing water pool to be refurbished and upgraded to create formal water feature and fountain display with areas of poolside decking

CORACLE EXPERIENCE
reeds, mounding and coracle boats set within wetland area.

CANAL
Formal canal with Dutch style bridge crossings

ELEVATED WALKWAYS
Elevated walkways through tree canopy of existing woodland leading to indoor fun centre

EXISTING TREES
Existing tree groupings to remain refer to tree removals and protection dwg

PROPOSED BOUNDARY TREATMENTS
Boundary walls constructed in brick with recon stone coping to detail.
Living walls and timber fences. Refer to hardworks plan

PRIMARY PATHS
Primary pedestrian circulation. Insitu bound surface dressing finish. Path widths vary dependant on hierarchy of access refer to hardworks layout plan

PLAZAS WITH BALLOON EXPERIENCE
High quality unit paving finish to landing pad for hot air balloon ride

SHRUBS AND NATIVE WHIP PLANTING
Range of specialist shrubs and native informal planting. Refer to planting plan

PROPOSED TREES
Proposed deciduous trees planted in formal arrangements. Refer to planting plan

PROPOSED TREES
Range of proposed coniferous trees planted in formal anangements and in groups. Refer to planting plan

PROPOSED TREES
Range of deciduous trees planted in informal groupings. Refer to planting plan

DISPLAY
Year round floral displays and topiary. Refer to planting plan

BULB DISPLAYS
Year round floral displays. Refer to planting plan

AMENDED

DETERMINED PLAN

LEISURE ACTIVITIES:

Golf - A nine hole course comprising of greens constructed in syntheting surfacing. The greens are connected by a network of footpaths and are located within a high quality landscape setting.

Coracle Experience - Reeds,mounding and coracles contribute to the character and quality of this wetland area.

Tractor Ride - Small tractors can be hired to provide fun for children. There is a logging theme which directly links the ride with the adjacent woodland.

Train Ride - A narrow gauge train ride

Indoor Fun - Indoor play structure housing year round interactive play and educational facilities

READ WITH THE FOLLOWING DRAWINGS:

M872/RM03 Hardworks Layout
M872/RM04 Earthworks Layout
M872/RM05 Earthworks Sections
M872/RM07 Tree Works
M872/RM08 Planting Plan
M872/RM09 Topographical Survey
M872/RM12 Car Park Planting Plan

Rev A 28.06.02 PGG Add Balloon Experience. Retain Queen Mothers Tree and realign adjacent footpath. Omit steps to Festival Hill.

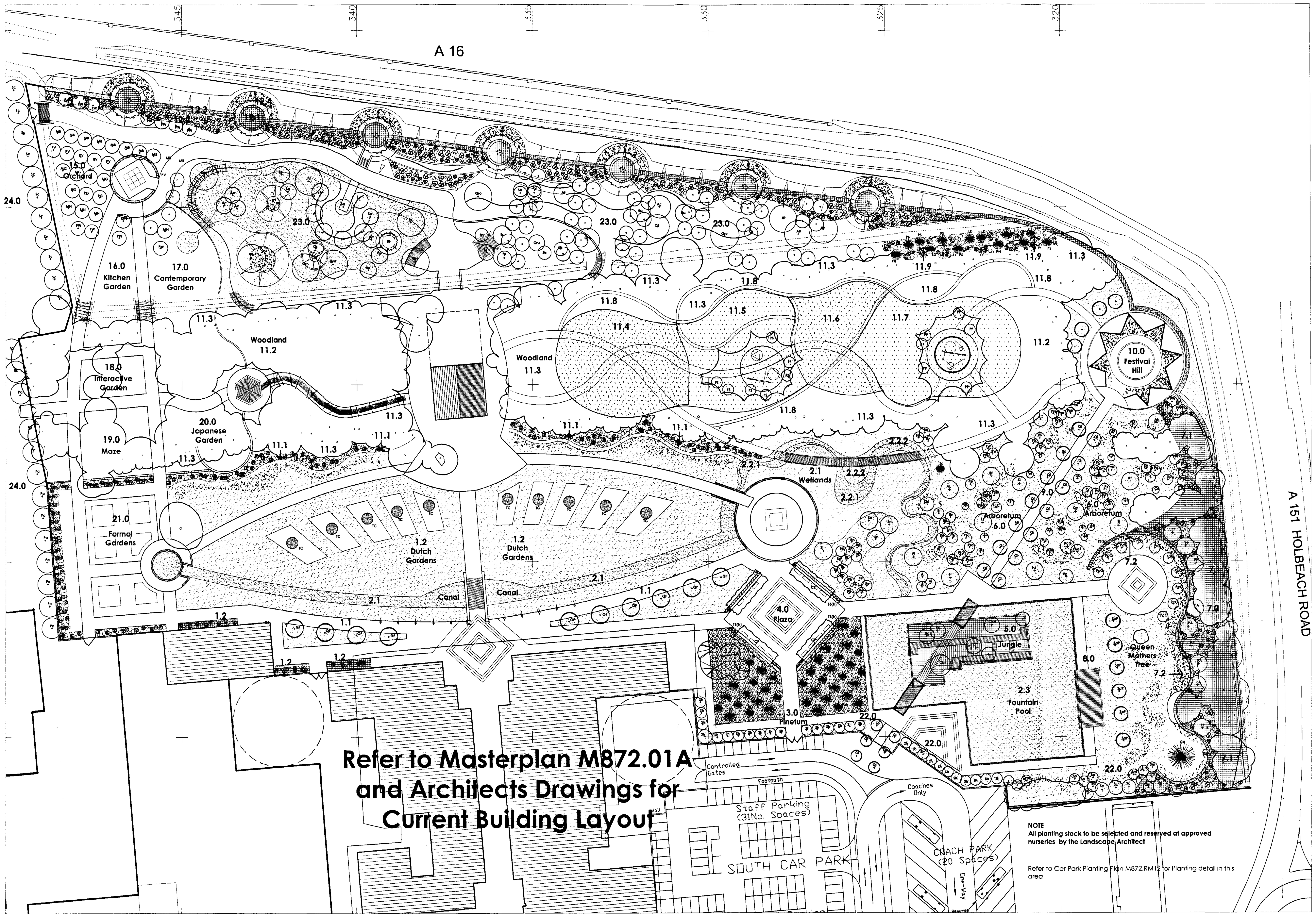
GENERAL ARRANGEMENT
Reserved Matters Application

Springfields Festival Gardens,
Factory Outlet Centre, Spalding

For: Thornfield Properties plc

M 872/RM02A 1:500 Dec 2001

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## 1.0 ENTRANCE SPACE

### 1.1 ARRIVAL SPACE

Avenue of semi mature trees with columnar form providing a strong vertical axis between the buildings and gardens

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 1.1 | Trees | | | | | |
| | Quercus robur 'Fastigiata' | QF | 20-25cm | RB | As shown | 10 |
| 1.2 | Planting Beds | | | | | |
| | Shrubs | | | | | |
| | Choisya ternata | | 10L | | 1/m² | 10 |
| | Hydrangea 'White Wave' | | 5L | | 1/m² | 10 |
| | Lavandula spica 'Hidcote' | | 3L | | 3/m² | 30 |
| | Philadelphus 'Belle Etoile' | | 5L | | 1/m² | 10 |
| | Spirea 'Snowmound' | | 10L | | 1/m² | 10 |
| | Herbaceous | | | | | |
| | Alchemilla mollis | | 2L | | 3/m² | 12 |
| | Allium giganteum | | 2L | | 3/m² | 12 |
| | Delphinium elatum 'Vespers' | | 2L | | 3/m² | 12 |
| | Delphinium elatum 'Mighty Atom' | | 2L | | 3/m² | 12 |
| | Euphorbia amygloides 'Robbiae' | | 2L | | 3/m² | 12 |
| | Geranium 'Johnson's Blue' | | 2L | | 3/m² | 12 |
| | Helleborus foetidissima | | 2L | | 3/m² | 12 |
| | Helleborus orientalis | | 2L | | 3/m² | 12 |
| | Heuchera 'Palace Purple' | | 2L | | 3/m² | 12 |
| | Hosta 'Thomas Hogg' | | 2L | | 3/m² | 12 |
| | Kniphofia 'Percy's Pride' | | 2L | | 3/m² | 12 |
| | Salvia 'East Friesland' | | 2L | | 3/m² | 12 |
| | Sedum 'Autumn Joy' | | 2L | | 3/m² | 12 |

### 1.2 DUTCH GARDENS

An avenue of semi mature trees with columnar form providing a strong vertical axis between the buildings and gardens.
NOTE: Specification assisted by Springfields with some sponsorship.
NOTE: All bulbs to be supplied by Springfields.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 1.21 | Taxus baccata cones | TC | 4m high | CG | As shown | 10 |

1.22 Bulb displays
Planted within the beds at the base of each taxus cone.
Planted in front of the ornamental woodland edge, as shown on plan.

## 2.0 WATER FEATURES

Waterbodies each with a distinctive character providing spacial containment and amenity

### 2.1 CANAL

Water body with iris densely planted to both edges. To be planted using Bio-Rolls by Greenfix. refer to Canal Details for specification. Greenfix - Tel: 01242 700092.

| KEY | SPECIES | Length Required |
|---|---|---|
| 2.1 | Iris Bio-Rolls | 315m |

### 2.2 WETLAND

Wetland area to be planted with native species to promote diverse flora and fauna.

| KEY | SPECIES | % MIX | TYPE | SPACING | NO. |
|---|---|---|---|---|---|
| 2.2.1 | Aquatics | | | | |
| | Ceratophyllum demersum | 10 | P7 | 5/m² | 115 |
| | Myriophyllum spicatum | 10 | P7 | 5/m² | 115 |
| | Nuphar lutea | 10 | P7 | 5/m² | 115 |
| | Polygonum amphibium | 20 | P7 | 5/m² | 230 |
| | Potamogeton natans | 20 | P7 | 5/m² | 230 |
| | Sagittaria sagittifolia | 10 | P7 | 5/m² | 115 |
| | Scirpus lacustris | 20 | P7 | 5/m² | 230 |
| 2.2.2 | Marginals | | | | |
| | Alisma plantago aquatica | 5 | P7 | 5/m² | 75 |
| | Apium nodiflorum | 5 | P7 | 5/m² | 75 |
| | Butomus umbellatus | 10 | P7 | 5/m² | 135 |
| | Eleocharis palustris | 15 | P7 | 5/m² | 210 |
| | Mentha aquatica | 5 | P7 | 5/m² | 75 |
| | Myosotis scorpioides | 10 | P7 | 5/m² | 135 |
| | Nasturtium officinale | 15 | P7 | 5/m² | 210 |
| | Rorippa amphibia | 5 | P7 | 5/m² | 75 |
| | Rumex hydrolapathum | 5 | P7 | 5/m² | 75 |
| | Sparganium erectum | 5 | P7 | 5/m² | 75 |
| | Typha angustifolia | 20 | P7 | 5/m² | 270 |

### 2.3 FOUNTAIN POOL

| KEY | SPECIES | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|
| 2.4 | Nymphaea alba | 1L | CG | 0.25/m² | 40 |
| | Nymphaea 'Escarboucle' | 1L | CG | 0.25/m² | 40 |
| | Nymphaea 'Virginia' | 1L | CG | 0.25/m² | 40 |
| | Nymphaea x laydekeri 'Fulgens' | 1L | CG | 0.25/m² | 40 |
| | Nymphaea marliacea 'Carnea' | 1L | CG | 0.25/m² | 40 |

## 3.0 PINETUM

A 'restrained' minimalist arrangement of pines, slate mulch, steam and water. Within this area there are a group of existing pines. These are to be retained where appropriate.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 3.0 | Pinus densiflora | PD | 225-250cm | RB | As shown | 11 |
| | Pinus mugo | PM | 225-250cm | RB | As shown | 15 |
| | Pinus ponderosa | PP | 175-200cm | RB | As shown | 12 |

## 4.0 PLAZA

A formal square with perimeter planting comprising pleached hornbeam and yew hedging. Seats to be arranged in front of the hedge. Seasonal bulb/bedding display to be planted within the areas between the seating.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 4.0 | Pleaching | CP | 20-25cm | RB | 2.0m cts. | 19 |
| | Carpinus betulus | | | | | |
| | Hedge | | | | | |
| | Taxus baccata | Tb(h) | 120cm | RB | 3.5/lin m | 189 |

Bulbs
Tulipa 'White Emperor'
NOTE: All bulbs to be supplied by Springfields.

## 5.0 JUNGLE

Lush, bold, 'architectural style' planting with large leaves, contrasting foliage, 'hot' coloured flowers and a network of timber decked 'jungle paths'.
Entire island to be mulched with 750mm deep coco mulch.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 5.0 | Trees | | | | | |
| | Catalpa bignonioides | Cb | 8-10cm | RB | As shown | 1 |
| | Catalpa bignonioides 'Aurea' | CbA | 8-10cm | RB | As shown | 1 |
| | Eucalyptus gunii | Eg | 8-10cm | RB | As shown | 2 |
| | Eucalyptus niphophila | En | 8-10cm | RB | As shown | 1 |
| | Shrubs, Grasses, Ferns, Bamboos | | | | | |
| | Arundinaria nitida | | 2.5-3.0m | 25L | 0.25/m² | 10 |
| | Dicksonia antarctica | | 1.5-1.75m | 20L | 0.25/m² | 10 |
| | Fatsia japonica | | 1.5-1.75m | 20L | 0.25/m² | 10 |
| | Phyllostachys nigra + aurea | | 2.5-3.0m | 25L | 0.25/m² | 10 |
| | Trachycarpus fortunei | | 1.75-2.0m | 20L | 0.25/m² | 10 |
| | Sasa palmata | | 20-30cm | 5L | 3/m² | 100 |
| | Blechnum spicant | | 30-40cm | 5L | 3/m² | 100 |
| | Osmunda regalis | | 30-40cm | 5L | 3/m² | 100 |
| | Polystichum munitum | | 30-40cm | 5L | 3/m² | 100 |
| | Herbaceous | | | | | |
| | Gunnera manicata | | | 5L | 3/m² | 100 |
| | Hosta sieboldiana | | | 3L | 3/m² | 100 |
| | Lysimachia 'Firecracker' | | | 2L | 5/m² | 165 |
| | Lobelia cardinalis | | | 2L | 5/m² | 165 |
| | Ricinus 'Impala' | | | 2L | 5/m² | 165 |
| | Climbers | | | | | |
| | Passiflora caerulea | | 60-90cm | 3L | 1/m² | 15 |
| | Vitis coignetiae | | 60-90cm | 3L | 1/m² | 15 |

Bulbs
Canna 'Striata'+'Durban'
Crocosmia 'Lucifer'
Dahlia 'Bednall Beauty'
Hemerocallis
Zantedeschia 'Crowborough'
NOTE: All bulbs to be supplied by Springfields.

## 6.0 ARBORETUM

Unusual specimen trees chosen for their seasonal and botanical interest. Permanent and temporary sculptures to be positioned within this area to enliven the space. Bulbs to be planted in drifts and ocassional groupings to the bases of individual trees.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 6.0 | Trees | | | | | |
| | Acer callipes | Ac | 1.5-1.75m MS | RB | As shown | 1 |
| | Acer cappodicum | Aca | 12-14cm girth | B | As shown | 1 |
| | Acer cappodicum 'Rubrum' | AcR | 12-14cm girth | B | As shown | 1 |
| | Acer davidii 'Madeline Spitta' | Ad | 8-10cm girth | B | As shown | 1 |
| | Acer griseum | Ag | 1.5-1.75m | 15L | As shown | 1 |
| | Acer palmatum 'Heptalobum Rubrum' | AHR | 1.25-1.5m | 25L | As shown | 1 |
| | Acer pensylvanicum | Ap | 6-8cm girth | B | As shown | 1 |
| | Acer pseudoplatanus 'Brilliantissimum' | AB | 1.75-2m | 10L | As shown | 1 |
| | Acer rufinerve | Ar | 6-8cm girth | B | As shown | 1 |
| | Acer saccharinum 'Temples Upright' | As | 6-8cm girth | B | As shown | 1 |
| | Aesculus 'Briotti' | AB | 10-12cm girth | B | As shown | 1 |
| | Aesculus hippocastanum | Ah | 16-18cm girth | B | As shown | 1 |
| | Alnus imperialis | Ai | 8-10cm girth | B | As shown | 3 |
| | Alnus incana 'Laciniata' | AL | 16-18cm girth | RB | As shown | 1 |
| | Arbutus unedo | Au | 1.5-1.75m | 45L | As shown | 1 |
| | Betula nigra | Bn | 8-10cm Ftd | B | As shown | 10 |
| | Betula pubescens | Bp | 8-10cm Ftd | B | As shown | 10 |
| | Cercidiphyllum japonicum | Cj | 1.25-1.5m | 25L | As shown | 1 |
| | Cercis 'Forest Pansy' | CF | 1.5-1.75m | 45L | As shown | 1 |
| | Cercis siliquastrum | Cs | 1.5-1.75m | 45L | As shown | 1 |
| | Davidia involucrata | Di | 2-2.5m | 25L | As shown | 1 |
| | Eucalyptus gunni | Eg | 2-2.5m | 25L | As shown | 1 |
| | Fagus sylvatica 'Riversii' | FR | 12-14cm girth | RB | As shown | 1 |
| | Fraxinus excelsior 'Pendula' | FP | 6-8cm girth | 25L | As shown | 1 |
| | Gingko biloba | Gb | 10-12cm girth | RB | As shown | 1 |
| | Koelreuteria pavirulata | Kp | 6-8cm girth | 25L | As shown | 1 |
| | Liquidamber styracifolia | Ls | 12-14cm girth | RB | As shown | 1 |
| | Liriodendron 'Aureomarginata' | LA | 10-12cm girth | RB | As shown | 1 |
| | Magnolia salcifolia | Ms | 1.5-1.75m | 45L | As shown | 1 |
| | Nyssa sylvatica | Ns | 2-2.5m | 45L | As shown | 1 |
| | Oxydendrum arboreum | Oa | 1.25-1.5m | 45L | As shown | 1 |
| | Parrotica persica | Pp | 1.25-1.5m | 25L | As shown | 1 |
| | Paulownia tormentosa | Pt | 1.25-1.5m | 25L | As shown | 1 |
| | Populus tremula | Ptr | 10-12cm girth | B | As shown | 6 |
| | Prunus cerasifera 'Nigra' | PcN | 12-14cm girth | B | As shown | 5 |
| | Prunus pissardii 'Nigra' | PpN | 12-14cm girth | B | As shown | 3 |
| | Prunus padus 'Watereri' | PW | 10-12cm girth | B | As shown | 8 |
| | Prunus sargentii | Psa | 10-12cm girth | B | As shown | 5 |
| | Prunus serrula | Pse | 10-12cm girth | B | As shown | 5 |
| | Prunus 'Shirogen' | PS | 10-12cm girth | B | As shown | 5 |
| | Prunus 'Umineko' | PU | 10-12cm girth | B | As shown | 3 |
| | Prunus yedoensis | Py | 10-12cm girth | B | As shown | 5 |
| | Pterocarya fraxinifolia | Pf | 6-8cm girth | B | As shown | 1 |
| | Pyrus salcifolia 'Pendula' | PsP | 10-12cm girth | RB | As shown | 1 |
| | Pyrus calleryana 'Chanticleer' | PcC | 10-12cm girth | B | As shown | 1 |
| | Quercus coccinea | Qc | 8-10cm girth | RB | As shown | 1 |
| | Quercus nigra | Qn | 8-10cm girth | RB | As shown | 1 |
| | Robinia 'Frisia' | RF | 8-10cm girth | B | As shown | 2 |
| | Salix alba | Sa | 12-14cm girth | B | As shown | 3 |
| | Salix x babylonica 'Pendula' | SaP | 12-14cm girth | B | As shown | 1 |
| | Sophora japonica | Sj | 6-8cm girth | 25L | As shown | 2 |
| | Taxodium distichum | Td | 1.75-2m | RB | As shown | 1 |

Bulbs
Cyclamen persicum
Galanthus nivalis
Narcissus 'Tete a Tete'

## 7.0 PERIMETER BOUNDARY TO A151

Existing planting retained and supplemented with native species hedges, trees and shrubs.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| | Trees | | | | | |
| | Prunus padus | PP | 12-14cm girth | RB | As shown | 7 |
| | Prunus avium 'Plena' | PA | 12-14cm girth | RB | As shown | 5 |
| | Cedrus atlantica | CA | 2.5-3.0m | CG | As shown | 1 |
| | Pyrus calleryana Chanticleer | PcC | 10-12cm girth | B | As shown | 10 |
| 7.1 | Understorey Planting | | | | | |
| | Crataegus monogyna | | 60-90cm | BR | 1.7/m² | 240 |
| | Corylus avellana | | 60-90cm | BR | 1.7/m² | 240 |
| | Ilex aquifolium | | 60-90cm | RB | 1.7/m² | 160 |
| | Viburnum opulus | | 60-90cm | BR | 1.7/m² | 160 |
| | Hedges | | | | | |
| | Fagus sylvatica | FS(h) | 175-200cm | BR | 5/lm | 600 |
| | Crataegus monogyna | CM(h) | 90-120cm | BR | 5/lm | 850 |

7.2 Bulbs
Crocus speciosus 'Oxonian'
Tulipa 'Greuze'
Narcissus 'Trousseau'
Narcissus 'Satin Pink'
NOTE: All bulbs to be supplied by Springfields.

## 8.0 TREE GRID ALONG WATERS EDGE

Large trees of striking form planted in a grid arrangement within level lawns eventually forming a continuous weeping canopy.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 8.0 | Trees | | | | | |
| | Salix x babylonica 'Pendula' | SaP | 16-18 | B | As shown | 9 |

## 9.0 FESTIVAL HILL BOULEVARD

Avenue of large evergreen trees creating a bold axis leading to Festival Hill.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 9.0 | Trees | | | | | |
| | Quercus ilex | QI | 16-18cm | B | As shown | 16 |

## 10.0 FESTIVAL HILL

A 'landmark' earthwork with viewing platform, sculpture and bulb displays.

KEY SPECIES
10.0 Star pattern constructed with timber edging. Bulbs to be planted in grass within timber edging. Only grass to be planted outside the timber edging.
Bulbs: Narcissus varieties.
Bulbs to be supplied by Springfields.

## 11.0 WOODLAND

Retained woodland to be managed and reinforced with native species to provide a backdrop to the gardens, shelter from prevailing winds and enhance opportunities for enjoyment.

### 11.1 ORNAMENTAL WOODLAND EDGE (FACING DUTCH GARDENS)

Family of species providing spring, summer and autumn interest (acid loving) with drifts of bulbs through the grass.

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 11.1 | Acer palmatum | 1.0-1.25m | 10L | 1/m² |
| | Acer palmatum 'Atropurpureum' | 1.8-2.0m | 25L | 1/m² |
| | Acer dissectum viridus | 1.0-1.25m | 10L | 1/m² |
| | Azalea japonica 'Hinomayo' | 30-40cm | 3L | 3/m² |
| | Azalea japonica 'Vuyks Scarlet' | 30-40cm | 3L | 3/m² |
| | Azalea japonica 'Palestrina' | 30-40cm | 3L | 3/m² |
| | Azalea deciduous 'Silver Slipper' | 60-80cm | 5L | 2/m² |
| | Azalea deciduous 'Bridesmaid' | 60-80cm | 5L | 2/m² |
| | Camellia japonica 'Lavinia Maggi' | 1.2-1.5m | RB | 1/m² |
| | Camellia x williamsii 'Donation' | 1.2-1.5m | RB | 1/m² |
| | Hamamelis 'Arnold Promise' | 1.2-1.5m | RB | 1/m² |
| | Hydrangea 'Ami Pasquier' | 40-60cm | 5L | 2/m² |
| | Hydrangea arborescens 'Grandiflora' | 40-60cm | 5L | 2/m² |
| | Hydrangea quercifolia | 40-60cm | 5L | 2/m² |
| | Hydrangea villosa | 40-60cm | 5L | 2/m² |
| | Ilex aquifolium 'Silver Queen' | 1.2-1.5m | RB | 1/m² |
| | Magnolia stellata | 1.0-1.2m | 10L | 1/m² |
| | Magnolia x soulangeana | 1.8-2.0m | RB | 1/m² |
| | Mahonia x Charity | 80-100cm | 10L | 2/m² |
| | Pieris 'Forest Flame' | 40-50cm | 10L | 1/m² |
| | Pieris 'Flaming Silver' | 40-50cm | 10L | 1/m² |
| | Prunus 'Otto Luyken' | 30-40cm | 3L | 3/m² |
| | Skimmia 'Rubella' | 30-40cm | 3L | 3/m² |
| | Skimmia 'Fructo Alba' | 30-40cm | 3L | 3/m² |
| | Viburnum davidii | 20-30cm | 3L | 3/m² |
| | Viburnum tinus | 80-100cm | 10L | 1/m² |

Bulbs
Cyclamen repandum
Scilla sibirica

### 11.2 UNDERSTOREY WITHIN CORE OF WOODLAND

All to be group planted with trees at 10-25 per group and shrubs at 5-10 per group. Alnus and corylus planted randomly with occasional groups.

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.2 | Understorey Planting | | | | |
| | Alnus glutinosa | 15 | 60-90cm | BR | 0.45/m² |
| | Corylus avellana | 25 | 60-90cm | BR | 0.45/m² |
| | Fraxinus excelsior | 12.5 | 60-90cm | BR | 0.45/m² |
| | Ilex aquifolium | 10 | 60-90cm | BR | 0.45/m² |
| | Pinus sylvestris | 2.5 | 60-90cm | BR | 0.45/m² |
| | Prunus avium | 5 | 60-90cm | BR | 0.45/m² |
| | Quercus robur | 25 | 60-90cm | BR | 0.45/m² |
| | Sambucus nigra | 2.5 | 60-90cm | BR | 0.45/m² |

Bulbs and Groundcover
Allium sativum
Narcissus bulbocodium
Primula veris vulgaris
Pulmonaria saccharata

### 11.3 WOODLAND EDGE

To be planted on edge of existing woodland where ther is sufficient light. All to be planted at 1m centres; group planted at 5-50 per group; lonicera planted randomly.

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.3 | Acer campestre | 5 | 60-90cm | BR | 1/m² |
| | Alnus glutinosa | 10 | 60-90cm | BR | 1/m² |
| | Crataegus monogyna | 20 | 60-90cm | BR | 1/m² |
| | Corylus avellana | 42.5 | 60-90cm | BR | 1/m² |
| | Prunus spinosa | 15 | 60-90cm | BR | 1/m² |
| | Lonicera periclymenum | 2.5 | 60-90cm | BR | 1/m² |
| | Sambucus nigra | 5 | 60-90cm | BR | 1/m² |

### 11.4 HAZEL COPPICE

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 11.4 | Corylus avellana | 60-90cm | BR | 0.45/m² |

Bulbs
Scilla sibirica

### 11.5 BEECH STAND

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.5 | Planting Mix | | | | |
| | Fagus sylvatica | 40 | 60-90cm | BR | 0.45/m² |
| | Fraxinus excelsior | 20 | 60-90cm | BR | 0.45/m² |
| | Ilex aquifolium | 10 | 60-90cm | BR | 0.45/m² |
| | Sambucus nigra | 15 | 60-90cm | BR | 0.45/m² |
| | Viburnum opulus | 15 | 60-90cm | BR | 0.45/m² |
| | Tree planting | | | | |
| | Fagus sylvatica | | 6-8cm girth | RB | As shown |

Bulbs
Anemone x fulgens
Fritillaria pallidiflora
Galanthus nivalis
Narcissus 'Actaea'

### 11.6 SWEET CHESTNUT COPPICE

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 11.6 | Castanea sativa | 0.9-1.2m | BR | 0.45/m² |
| | Herbaceous | | | |
| | Digitalis purpurea 'Foxy' | | 1L | 3/m² |

### 11.7 CHERRY STAND

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.7 | Planting Mix | | | | |
| | Amelanchier lamarckii | 10 | 60-90cm | BR | 0.45/m² |
| | Cornus sanguinea | 30 | 60-90cm | BR | 0.45/m² |
| | Prunus avium 'Plena' | 20 | 1.75-2.0m | BR | 0.25/m² |
| | Prunus padus | 20 | 1.5-1.75m | BR | 0.25/m² |
| | Sorbus torminalis | 20 | 1.5-2.0m | BR | 0.25/m² |
| | Tree planting | | | | |
| | Prunus avium 'Plena' | PP | 6-8cm girth | RB | As shown |

Bulbs
Allium neapolitanum
Cyclamen persicum 'Kaori Series'
Fritillaria meleagris
Iris chrysographes
Wild garlic

### 11.8 TRAILS

Routes through woodland flanked by seasonal, native woodland bulbs and groundcover

| KEY | SPECIES | TYPE | SPACING |
|---|---|---|---|
| 11.8 | Groundcover | | |
| | Brunnera macrophylla | 1L | 5/m² |
| | Epimedium vers. 'Sulphureum' | 1L | 5/m² |
| | Digitalis purpurea 'Alba' | 1L | 3/m² |
| | Heleborous orientalis | 1L | 5/m² |

Bulbs
Crocus 'Snow Bunting'
Cyclamen neapolitanum
Fritillaria pallidiflora
Hyacinthoides 'L'Innocence'
Zantedeschia 'Crowborough'

### 11.9 EVERGREEN WOODLAND SCREEN

Woodland belt containing typical evergreen species, eg pines, rhododendrons and pines.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.9 | Trees | | | | |
| | Larix decidua | LD | 1.75-2.0m | 25L | As shown |
| | Pinus nigra | PN | 1.75-2.0m | 75L | As shown |
| | Pinus sylvestris | PS | 1.75-2.0m | 75L | As shown |

## 12.0 PERIMETER BOUNDARY TO A16

Stylised earthworks and planting to provide an interesting edge to the gardens.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 12.1 | Willow Stands: | | | | | |
| | Salix x rubens 'Bustardiana' | | 16-18cm girth | RB | 3 No. per mound | 21 |
| | Salix x rubens 'Bustardiana' | | 1.75-2.0m | | 12 No. per mound | 84 |
| 12.2 | Mound Planting | | | | | |
| | Salix daphnoides (violet) | | 60-80cm | BR | 3/m² | 900 |
| | Salix vitelliana (golden yellow) | | 60-80cm | BR | 3/m² | 900 |
| | Salix 'Chermisiana' (orange/red) | | 60-80cm | BR | 3/m² | 900 |
| 12.3 | Hedges | | | | | |
| | Ilex aquifolium | IA(h) | 60-90cm | RB | 5/lm | 770 |
| | Crataegus monogyna | CM(h) | 90-120cm | BR | 5/lm | 1300 |

12.4 Bulbs
Narcissus varieties
NOTE: All bulbs to be supplied by Springfields.

## 13.0 CONCESSIONS

Coracle setting with stylised landscape and earth mounding with bulb planting single species reeds and rushs to the waters edge.

| KEY | SPECIES | TYPE | SPACING |
|---|---|---|---|
| 13.0 | Butomus umbellatus | P9 | 3/m² |
| | Lysichiton americanus | | 3/m² |
| | Butomus umbellatus | 1L | 2/m² |
| | Typha minima | 1L | 2/m² |

## 14.0 CHILDREN'S PLAY AREA

Non poisonous and non harmful planting

| KEY | SPECIES | % MIX | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 11.4 | Understorey Planting | | | | |
| | Acer campestre | 15 | 60-90cm | BR | 0.45/m² |
| | Crataegus monogyna | 35 | 60-90cm | BR | 0.45/m² |
| | Corylus avellana | 20 | 60-90cm | BR | 0.45/m² |
| | Cornus sanguinea | 15 | 60-90cm | BR | 0.45/m² |
| | Ilex aquifolium | 5 | 60-90cm | BR | 0.45/m² |
| | Viburnum opulus | 10 | 60-90cm | BR | 0.45/m² |

Bulbs and Groundcover
Allium sativum
Narcissus bulbocodium
Primula veris vulgaris
Pulmonaria saccharata

## 15.0 ORCHARD

Traditional fruiting varieties planted in groups of 5-9. To be stock which will become full size trees with time. Fruit trees to be underplanted with wild flowers.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING |
|---|---|---|---|---|---|
| 15.0 | Malus 'maling 106' | MM | Half std | BR | As shown |
| | Mespilus germanica | MG | Half std | BR | As shown |
| | Prunus 'St Julian A' | PJ | Half std | BR | As shown |
| | Prunus 'Colt stock' | PC | Half std | BR | As shown |
| | Pyrus 'Quince C' | PQ | Half std | BR | As shown |

Wildflower Grass Mix
WFG 7 from British Seed Houses for free draining sandy soil. — 3-5 grams per m2
OR
WFG 3 general purpose (BSH) — 0.5-1 gram per m2
MIXED WITH — +
Amenity 4 grass seed mix (BSH) — 3-5 grams per m2

## SHOWCASE GARDENS

Attractive themed gardens displaying different garden types and planting techniques

## 16.0 KITCHEN GARDEN

Planting to include culinary and medicinal herbs, vegetables, fruit vines and flowers suitable for arranging. NOTE: To be sown/planted as specified by supplier.

KEY SPECIES
16.0 Vegetables
Courgettes, cucumbers, tomatoes, sweet peppers, spring cabbages, summer cauliflowers, brussels sprouts, lettuces, purple sprouting broccoli, globe artichoke, broad beans, scarlet runner beans, Swiss chard, peas, beetroot, bulb onions, spring onions, leeks, winter purslane, pak choi, spinach, potatoes, parsnips, carrots, rhubarb, horseradish

Herbs
Sage, rosemary, tarragon, thyme, mint, marjoram, oregano, parsley, basil, chamomile, chives, coriander, dill, fennel, garlic

Climbers
Rosa, Jasminium, Lonicera, Wisteria

Cut Flowers
Shrubs:
Calluna vulgaris, Camelia japonica, Hamamelis mollis

Perennials:
Astrantia major, Dianthus, Chrysanthemum, Delphiniums, Helleborus, Phalaenopsis, Phlox, Iris, Gypsophila, Echinops, Aster

Bulbs:
Allium (tall), Narcissus, Dhalia, Gladioli, Lillium, Tulipa

## 17.0 CONTEMPORARY GARDEN

Use of bold, lush planting in partnership with modern materials.

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 17.0 | Shrubs | | | |
| | Cordyline australis | 60-80cm | 10L | 0.25/m² |
| | Fatsia japonica | 40-60cm | 5L | 0.45/m² |
| | Grasses | | | |
| | Carex 'Evergold' | 20-30cm | 2L | 8/m² |
| | Festuca glauca | 15-20cm | 2L | 8/m² |
| | Luzula sylvatica marginata | 20-30cm | 2L | 5/m² |
| | Miscanthus 'Gracillimus' | 20-30cm | 2L | 3/m² |
| | Stipa gigantea | 20-30cm | 2L | 2/m² |
| | Bulbs | | | |
| | Allium gigantea | 15-20cm | 2L | |
| | Nerine bowdenii | | | |

## 18.0 INTERACTIVE GARDEN

Sensory stimulation through the use of sound, texture, colour and scent. This can be achieved also by the use of plants as well as play equipment.

KEY SPECIES
18.0 Textured foliage
Festuca glauca, Miscanthus sinensis 'Gracillimus', Bambusa multiplex, Stipa gigantea, Bergenia cordifolia, Fatsia japonica, Hebe rakiensis, Hydrangea quercifolia, Picea, abies 'Nidiformis'.

Aromatic Foliage
Choysia 'Aztec Pearl', Santolina chamaecyparissus, Lavandula spica 'Hidcote', Rosmarinus officinalis, Salvia, Thymus vulgaris, Chamaecyparissus 'Minima Glauca'

Scented Flowers
Buddleia davidii 'Empire Blue', Choysia ternata, Lavandula stoechas, Philadelphus coronarius 'Aureus', Alyssum maritimum 'Little Dorrit', Jasminium 'Grandiflorum', Lonicera periclymenon 'Belgica', Magnolia grandiflora

## 19.0 MAZE

Willow wattle screens of different heights and angles meandering amongst the trees.

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 19.0 | Salix viminalis | 200 | BR canes | 4/lin m |

## 20.0 JAPANESE GARDEN

Themed planting including pruned topiary clouds and hummocks, rocks, gravel and pavilion structure.

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 20.0 | Trees | | | |
| | Betula jacquemontii (multi-stem) | 2.0-2.5m | RB | 0.25/m² |
| | Cornus kousa | 0.6-0.8m | 10-12L | 0.45/m² |
| | Shrubs | | | |
| | Acer palmatum | 1.8-2.0m | 25L | 1/m² |
| | Acer palmatum 'Atropurpureum' | 1.8-2.0m | 25L | 1/m² |
| | Acer 'Dissectum Viridus' | 1.2-1.5m | 15L | 1/m² |
| | Aralia elata | 0.9-1.2m | 15L | 1/m² |
| | Azalea japonica | 40-60cm | 5L | 3/m² |
| | Azalea (deciduous) | 80-100cm | 10L | 2/m² |
| | Camellia x williamsii 'Donation' | 1.8-2.0m | RB | 1/m² |
| | Pieris floribunda | 30-40cm | 3L | 3/m² |
| | Phyllostachys nigra | 1.5-1.75m | 20L | 1/m² |
| | Climbers | | | |
| | Wisteria sinensis | 1.5-2.0m | 10L | 0.25/m² |

## 21.0 FORMAL GARDENS

Full, 'opulent' herbaceous borders with 'structural' shrubs, manicured lawns, dwarf box hedging, and topiary.

| KEY | SPECIES | SIZE | TYPE | SPACING |
|---|---|---|---|---|
| 21.0 | Mixed topiary shapes: | | | |
| | Buxus sempervirens | | | |
| | Ilex aquifolium | | | |
| | Shrubs: | | | |
| | Choisya ternata | 40-60cm | 10L | 1/m² |
| | Hydrangea 'White Wave' | 40-60cm | 5L | 1/m² |
| | Lavandula spica 'Hidcote' | 30-40cm | 3L | 3/m² |
| | Philadelphus 'Belle E'toile' | 40-60cm | 5L | 1/m² |
| | Spiraea 'Snowmound' | 60-90cm | 10L | 1/m² |
| | Herbaceous | | | |
| | Acanthus spinosus | | 2L | 3/m² |
| | Aconitum 'Bressingham Spire' | | 2L | 3/m² |
| | Alchemilla mollis | | 2L | 3/m² |
| | Achillea ptarmica 'The Pearl' | | 2L | 3/m² |
| | Allium giganteum | | 2L | 3/m² |
| | Artemisa 'Powis Castle' | | 2L | 3/m² |
| | Campanula 'Superba' | | 2L | 3/m² |
| | Cimicifuga racemosa | | 2L | 3/m² |
| | Delphinium elatum 'Vespers' | | 2L | 3/m² |
| | Delphinium elatum 'Mighty Atom' | | 2L | 3/m² |
| | Echinops ritro | | 2L | 3/m² |
| | Euphorbia amygloides 'Purpurea' | | 2L | 3/m² |
| | Euphorbia amygloides 'Robbiae' | | 2L | 3/m² |
| | Euphorbia wulfenii | | 2L | 3/m² |
| | Geranium 'Johnsons Blue' | | 2L | 3/m² |
| | Helleborus foetidissima | | 2L | 3/m² |
| | Helleborus orientalis | | 2L | 3/m² |
| | Heuchera 'Palace Purple' | | 2L | 3/m² |
| | Hosta 'Thomas Hogg' | | 2L | 3/m² |
| | Hosta 'Royal Standard' | | 2L | 3/m² |
| | Iris germanica | | 2L | 3/m² |
| | Kniphofia 'Percys Pride' | | 2L | 4/m² |
| | Liatris spicata 'Kobold' | | 2L | 3/m² |
| | Lupinus polyphyllus 'Russel Hybrid' | | 2L | 3/m² |
| | Physostegia 'Summer Snow' | | 2L | 4/m² |
| | Rodgersia aescufolia | | 2L | 4/m² |
| | Salvia 'East Freisland' | | 2L | 3/m² |
| | Sedum 'Autumn Joy' | | 2L | 3/m² |
| | Stachys lanata | | 2L | 3/m² |
| | Climbers | | | |
| | Clematis 'Jackmanii' | 1.0-1.5m | 10L | 0.25/m² |
| | Clematis 'Henryi' | 1.0-1.5m | 10L | 0.25/m² |
| | Hedera 'Hibernica' | 1.0-1.5m | 5L | 0.25/m² |
| | Hedera helix 'Eve' | 1.0-1.5m | 5L | 0.25/m² |
| | Rosa 'Alberic Barbier' | 1.0-1.5m | 10L | 0.25/m² |
| | Wisteria sinensis | 1.0-1.5m | 10L | 0.25/m² |

Bulbs
Allium rosenbachiuanum
Dahlia 'White Klankstad'
Dahlia 'Betty Bowen'
Gladiolus 'Robin'
Lillium 'Imperial Crimson'
Lillium candidum

## 22.0 SOUTH WESTERN BOUNDARY PLANTING

| KEY 22.0 | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| | Trees | | | | | |
| | Betula pendula | Bp | 10-12cm girth | B | As shown | 5 |
| | Crataegus monogyna 'Stricta' | CmS | 10-12cm girth | B | As shown | 3 |
| | Quercus ilex | Qi | 12-14cm girth | RB | As shown | 6 |
| | Quercus robur | Qr | 8-10cm girth | RB | As shown | 1 |
| | Salix alba caerulea | Sc | 12-14cm girth | B | As shown | 3 |
| | Sorbus huphensis | Sh | 10-12cm girth | B | As shown | 28 |
| | Sorbus majestica | Sm | 12-14cm girth | B | As shown | 6 |
| | Climbers | | | | | |
| | Hedera helix 'Eva' | | 100-150cm | 10L | 0.5/lin m | 16 |
| | Hedera hibernica | | 80-100cm | 5L | 0.5/lin m | 16 |
| | Jasminium off. 'Fiona Sunrise' | | 100-150cm | 3L | 0.5/lin m | 16 |
| | Parthenicissus 'Veitchii' | | 100-150cm | 10L | 0.5/lin m | 16 |
| | Wisteria sinensis | | 100-150cm | 10L | 0.5/lin m | 16 |

Bulbs
Narcissus 'Pride of Cornwall'
Tulipifera 'Queen of the Night'
Tulipifera 'White Emperor'

## 23.0 PLANTING TO EASTERN SIDE

A simple but strong linear arrangment of trees.

| KEY | SPECIES | CODE | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|---|
| 23.0 | | | | | | |
| | Aesculus hippocastanum | Ah | 14-16cm girth | RB | As shown | 5 |
| | Acer campestre | Ac | 10-12cm girth | RB | As shown | 9 |
| | Castanea sativa | Cs | 12-14cm girth | RB | As shown | 4 |
| | Fagus sylvatica | Fs | 14-16cm girth | RB | As shown | 4 |
| | Liquidambar styraciflua | Ls | 12-14cm girth | RB | As shown | 3 |
| | Quercus robur | Qro | 14-16cm girth | RB | As shown | 6 |
| | Quercus rubra | Qru | 12-14cm girth | RB | As shown | 3 |
| | Sorbus aucuparia | Sa | 10-12cm girth | RB | As shown | 8 |

## 24.0 NORTHERN BOUNDARY TREE PLANTING

| KEY 24.0 | SPECIES | SIZE | TYPE | SPACING | NO. |
|---|---|---|---|---|---|
| | Prunus avium plena | 12-14cm girth | B | 6m centres | 13 |
| | Salix alba caerulea | 14-16cm girth | B | 6m centres | 11 |

## NOTES:

All planting material to be selected and reserved at approved nursery by the Landscape Architect.
No substitutions to be made without approval.
All bulbs to be supplied by Springfields.
All trees planted in grass to be mulched around base - 600mm diameter.
Area to be mulched with 75mm medium grade pine bark mulch except for island jungle area - coco mulch.
All hedges to be mulched.

...ENDED PLAN
Ref 361/02

Rev A 28.06.02 PGG General Amendments to Layout

PLANTING PROPOSALS
Springfields Festival Gardens,
Factory Outlet Centre, Spalding

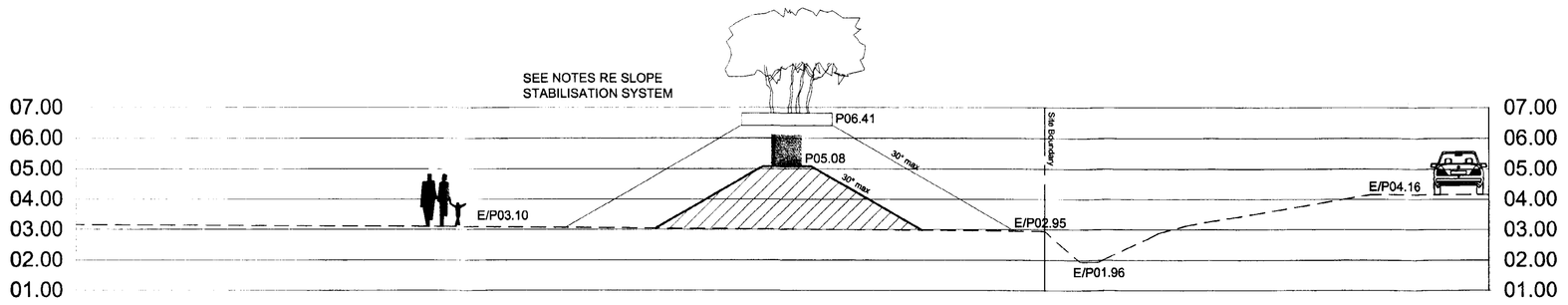
For: Thornfield Properties

M 872.RM08A 1:500 March 2002
DETERMINED PLAN

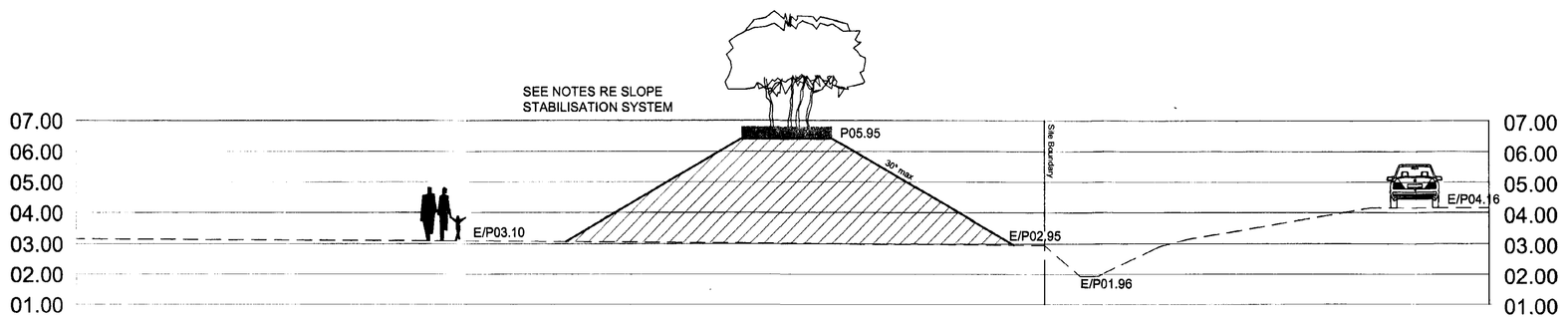
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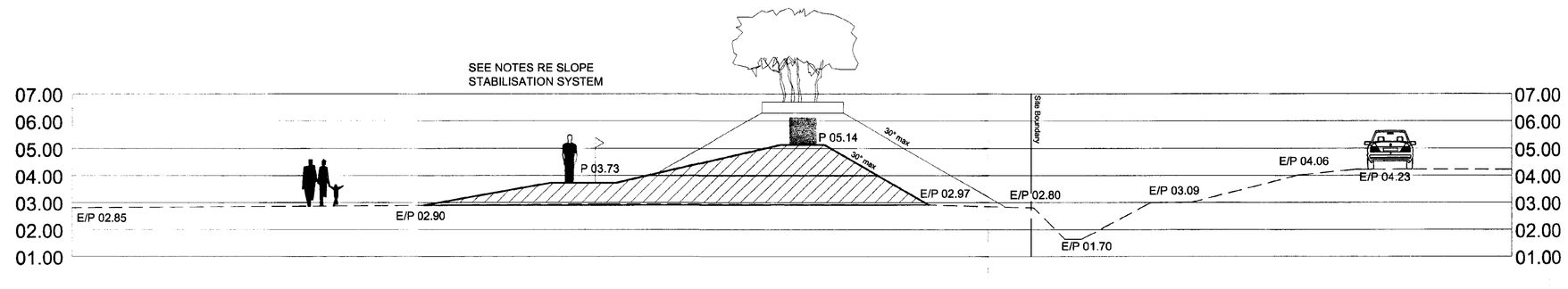
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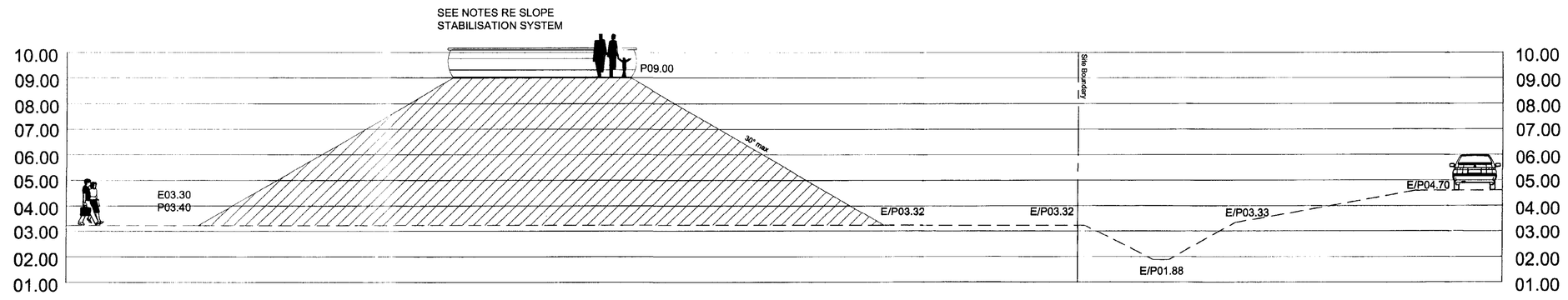

Section AA A16 Boundary Treatment 1/100



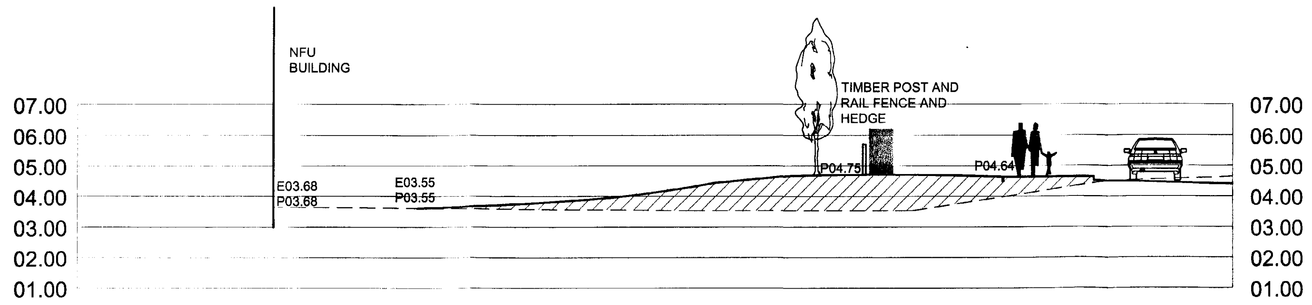

Section BB A16 Boundary Treatment 1/100




Section CC A16 Boundary Treatment & Mini Golf 1/100




Section DD Festival Hill 1/100




Section EE A151 Boundary Treatment adjacent to New Roundabout 1/100

## NOTE

All slopes to be constructed to a maximum angle of 30° using 'Biomac' Soil Blankets by

Maccaferri Environmental Solutions
7400 The Quorum
Oxford Buisness Park North
Garsington Road
Oxford OX4 2JZ
Tel 01865 770555

Ref 341/02
PLANNING PERMISSION GRANTED PLAN
DETERMINED PLAN

Rev A 28.06.02 PGG Remove steps to Festival Hill
PROPOSED EARTHWORKS SECTIONS
Reserved Matters Application

Springfields Festival Gardens
Retail Outlet Village, Spalding

For: Thornfield Properties plc

M872/RM05A 1:100 Dec 2001

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A 16

A 151 HOLBEACH ROAD

## NOTE

All slopes to be constructed to a maximum angle of 30° using 'Biomac' Soil Blankets by

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Read with Cross Sections M872/RM05 and Hardworks Layout M872/RM03

All levels relate to topographical survey, all dimensions and levels to be checked on site before work commences

AMENDED PLA
Ref. 361/0

Rev A 28.06.02 PGG Remove steps to Festival Hill

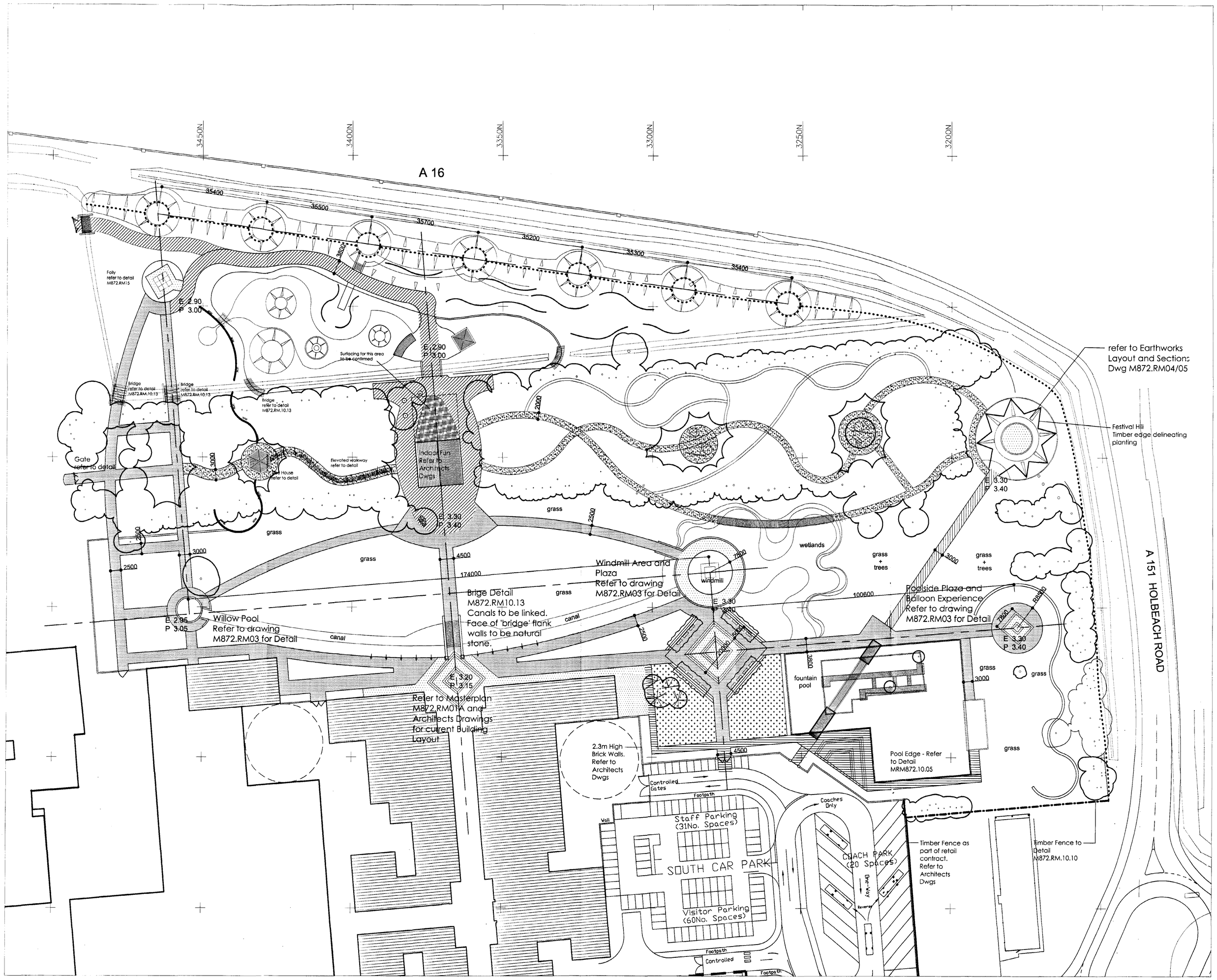
EARTHWORKS LAYOUT
Reserved Matters Application
Springfields Festival Gardens
Retail Outlet Centre, Spalding

For: Thornfield Properties plc

M872/RM04A 1:500 Dec 2001

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FOOTPATH
Widths as dimensioned. Bitmac paths constructed to light vehicle and occasional emergency vehicle specification. Surface dressed with 2 layer of Fibredec with 6mm Golden Gravel installed to Colas instruction. Edgings as to Detail M872.RM10.02.

FOOTPATH
Widths as dimensioned. Bitmac paths constructed to light vehicle and occasional emergency vehicle specification. Surface dressed with 2 layer of Fibredec with 6mm Golden Gravel installed to Colas instruction. Edgings as to Detail M872.RM10.01.

FOOTPATH
Widths as dimensioned. Bitmac paths constructed to light vehicle and occasional emergency vehicle specification. Surface dressed with 2 layer of Fibredec with 6mm Golden Gravel installed to Colas instruction. Edgings as to Detail M872.RM10.03.

FOOTPATH
Widths as dimensioned. Bitmac paths constructed to light vehicle and occasional emergency vehicle specification. Surface dressed with 2 layer of Fibredec with 6mm Golden Gravel installed to Colas instruction. Edgings to be 150x50mm PCC Pinkerb haunched in concrete and set flush with adjoining surfaces.

ROLLED GRAVEL PATHS
Width as dimensioned. Raisby Golden Gravel paths to pedestrian specification. Timber edge. Detail M872.RM10.06

SLATE MULCH
Slate mulch dressing from approved source. Refer to Edge Detail M872.10.04 for treatment with adjoining footpath.

1.0m HIGH STOCK PROOF FENCE
Detail M872.RM10.11

2.3m HIGH TIMBER FENCE
Horizontal feather edge panels. Detail M872.RM10.10

BRIDGES AND BOARDWALKS
Provisional Sum - Refer to Contract Documents.

Festival Hill
Timber edging to be installed to delineate between grass bank and planting areas.

BANNERS
Mild Steel Columns

E 3.30 P 3.40 EXISTING AND PROPOSED LEVELS
All levels based on the topographical survey M872.RM09.

35400 DIMENSIONS
All dimensions in millimetres. All setting out to be approved on site before work commences.

DIMENSIONS AND LEVELS
All dimensions and levels are based on survey plan provided. Setting out to be checked on site prior ro work commencing.

SITE BOUNDARY
Legal boundary position and titles to be confirmed by HM land registry before work commences.

SAMPLES
Sample materials to be submitted to Landscape Architect for approval. Refer to Specification for selected samples required.

Rev A 28.06.02 PGG General Amendments to Layout and Key

HARDWORKS LAYOUT
Reserved Matters Application

Springfields Festival Gardens
Factory Outlet Centre, Spalding

For: Thornfield Properties

M872.RM03A 1:500 PGG March 2002

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Ref 361/02

DETERMINED PLA




## TREES TO BE REMOVED
To be confirmed after meeting with Tree Protection Officer

## TREES TO BE RETAINED
To be confirmed after meeting with Tree Protection Officer

## WOODLAND GLADE
Indicative position of glade. Final position and actual trees to be felled, to be agreed with Tree Protection Officer.

## BOUNDARY LINE
Extents of site boundary

## GEOGRID
Access road passing through wooded area to be protected with geogrid to prevent unnecessary damage to trees.

## HAULAGE ROAD
Access road for contractors following line of proposed hardworks to prevent uneccessary damage to softworks areas.

## PROTECTED AREA
Area to be protected from general contractors traffic.

## TREE PROTECTION FENCE
Extents of tree protection fencing (chestnut pale fencing, see below). Final position to be agreed on site.

## 1.2m HIGH CHESTNUT PALE FENCING
To alignment as indicated erect chestnut pale protective fencing supported on 85mm Ø timber posts located at 2400mm centres. Provide 75x50mm timber top rail. Protective fencing to comply with BS 5837: 1991.

## VEGETATION
All existing vegetation in non protected areas to be removed.

## RARE MOSS
Existing protected species of moss to be relocated to new position. Position to be agreed with Barnes Walker and the Lincolnshire Naturalist Union before moss is moved. Moss only to be moved under the supervision of Lincolnshire Naturalist Union.
LNU Contact: Mrs Annette Faulkner
65 London Road.
Spalding.

## ADDITIONAL NOTES
All tree works to be carried out by a member of the Arboricultural Association to good practice and in strict accordance with BS 3998. Obtain clear instructions from Landscape Architect or Local Authority Tree Officer prior to work commencing.

## METHOD STATEMENT
PROGRESSION
- Contractor to set up on site.
- Install compound and erect security fencing to secure site.
- Install haulage roads as indicated.
- Demolition and clearance of existing paths and hardstandings to be serviced from haulage roads.
- Excavate paths in 10m sections and backfill with high quality topsoil to BS 3882 and to the approval of the Landscape Architect.
- On completion of above, no vehicles there after are to travel into areas indicated on this drawing. Storage of materials and vehicles to be in areas allocated at time of set up.

WEATHER
- All operations to be carried out in suitable climatic conditions. Do not carry out work to ground in inclement weather such as frost and snow and during periods of heavy rainfall.

Rev A 27.06.02 PGG Retain and Protect Queen Mother Tree.

# TREE REMOVALS AND ENABLING WORKS
## Reserved Matters Application

Springfields Festival Gardens,
Factory Outlet Centre, Spalding

For: Thornfield Properties plc

M872/RM07A 1:500 January 2002

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AMENDED PL
Ref 361/02
DETERM
PLAN

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