

**PLANNING NOTES (SOFT LANDSCAPE):**

1. **SOILS:** Subgrade / subsoil to be prepared in accordance with BS 5601 and BS 4428 and scarified or ripped to 300mm depth prior to spreading topsoil to alleviate compaction and promote drainage. Imported and as saved topsoil to be in accordance with BS3882: 2015 'Multipurpose Grade' with minimum soil organic matter contents 1% greater than the minima value (or as approved). Imported topsoil (and 'as saved' if requested) is to be laboratory tested to BS3882: 2015 and ameliorated as required to meet the required characteristics as detailed within Table 1 of BS3882: 2015 specification. Grass areas to be a minimum depth of 150mm and Shrub beds 300mm depth. Any weed / grass growth to be sprayed out with appropriate herbicide at least 10 days prior to cultivation. Incorporate proprietary non peat compost to BSI PAS 100 to 50mm depth evenly worked into soil.

2. N.B Proposed services (electric, water, gas etc) in landscape areas should be installed as a minimum below the required topsoil depths and clearly identified in accordance with service / utility requirements.

3. **BUILDING FOUNDATION DESIGN:** All landscape proposals are to be referred to by the structural engineer during foundation design.

4. **PROPOSED PLANTING:** Should planting be required outside of the planting season (October - March) any bare root or rootballed stock specified is to be replaced with containerised stock to an appropriate or similar specification to the approval of the landscape architect prior to ordering.

5. **EXISTING TREES:** Where trees are to be retained they should be subject to a full arboricultural inspection to assess condition and safety. Retained trees shall be protected from damage by erection of 2.3m weldmesh fencing on a scaffold framework in accordance BS 5837:2012 Figure 2. These barriers shall be maintained in position and in good condition until works are complete. Fencing to be located in accordance with Table D.1 at a radius of 12 times the stem diameter (single stem trees) or based on the combined stem diameter for multitem trees (trees with more than one stem arising below 1.5m above ground level) refer to Clause 4.6. Further precautions are to be taken as detailed within BS 5837:2012 6.2.4.

6. **TREE SURGERY / REMOVAL:** Tree surgery and tree removal to be carried out by an Arboricultural Association approved Tree surgeon in accordance with BS 3998:2010. Arisings to be removed to a licensed tip.

7. **SHRUB & HERBACEOUS PLANTING:** plants to be in accordance with BS 3936 and handled in accordance with CPSE guidelines and planted in accordance with BS 4428. Nursery stock supplier to be approved by the Landscape Architect. All shrubs to have a minimum of three breaks, except Hedera with a minimum of two. Well water plants immediately after planting and prior to spreading of slate chippings. Planting areas to be covered with 50mm depth slate chippings mulch such as Melcourt 'Blue Slate 40mm' (or similar approved by the landscape architect) laid onto geotextile membrane detailed below and kept weed free.

8. **WEED CONTROL:** Geotextile membrane (to be Terram 'WeedGuard' or similar approved) laid on top of prepared topsoil (refer to item 1.0) covering all planted areas with a minimum overlap of 200mm between sheets. Cut a cross and pin back the membrane for each individual plant location and dig out the soil below the cut large enough to accept the root ball. Well water plants immediately after planting and prior to spreading of mulch. Shrub areas to be covered with slate chippings as above and kept weed free.

9. **WEED CONTROL ON STEEP SLOPES:** proposed planting areas steeper than 1:3 (33%) gradient are to be designed appropriately by a suitably qualified engineer to ensure slope stability. Where appropriate bark mulch and geotextile membranes are to be replaced with proprietary mulch matting such as Greenfx 2.4m wide mulch rolls or similar.

10. **GRAVEL:** Gravel areas to be ornamental gravel, from local source 10-20mm, laid on geotextile membrane to a depth of 50-75mm.

11. **MAINTENANCE:** To be carried out at approximately monthly intervals to include the following:  
 a. Eradicate weeds by hand or appropriate chemical means.  
 b. Cut out dead or / and damaged stock or branches, prune as required.  
 c. Ensure all shrubs and trees are firmed in, securely staked and tied.  
 d. Collect litter, sweep and tidy site.  
 e. Apply suitable non-residual pesticides, fungicides, fertilisers and water as required.


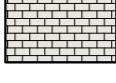


12. **WATERING:** all plant material to be watered in dry periods until established during April through to September with a fine rose until the water penetrates the topsoil to at least 5cm depth and achieves field capacity. Frequency of watering regime to be determined by weather conditions, soil conditions and underlying geology, all plant beds to be watered to ensure soil is consistently moist to promote successful establishment. As a guide only it is suggested that during hot, dry periods, plants are to be watered every six to ten days. For individual trees it is suggested that 18 watering visits per year are carried out commencing late March (prior to budburst) and utilising a minimum of 50 litres of water per tree. Soil probe to be used to determine soil saturation to full depth of root ball.

**Plant Schedule**

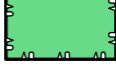

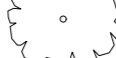
Shrubs							
No.	Species Name	Specification	Spread	Height	Pot Size	Density	Common Name
153 No.	Aucuba japonica 'Rozannie'	Bushy :3 brks :C	30-40cm	3L	3L	3/m <sup>2</sup>	Spotted Laurel Cultivar
305 No.	Brachyglottis 'Sunshine'	Branched :4 brks :C	30-40cm	3L	4/m <sup>2</sup>	4/m <sup>2</sup>	Shrub Ragwort
128 No.	Ceanothus thyrsiflorus repens	Bushy :3 brks :C	3L	4/m <sup>2</sup>	4/m <sup>2</sup>	4/m <sup>2</sup>	Creeping Blueblossom
364 No.	Cornus sanguinea 'Midwinter Fire'	Branched :3 brks :C	40-60cm	3L	4/m <sup>2</sup>	4/m <sup>2</sup>	Dogwood Cultivar
428 No.	Cotoneaster 'Coral Beauty'	Branched :3 brks :C	30-40cm	3L	4/m <sup>2</sup>	4/m <sup>2</sup>	Cotoneaster 'Coral Beauty'
149 No.	Euonymus fortunei 'Emerald 'n' Gold'	Bushy :9 brks :C	30-40cm	3L	5-7.5L	5/m <sup>2</sup>	Euonymus 'Emerald 'n' Gold'
266 No.	Hebe 'Sutherlandi'	Bushy :C :7 brks	20-30cm	5-7.5L	5/m <sup>2</sup>	5/m <sup>2</sup>	Hebe 'Sutherlandi'
466 No.	Lonicera nitida 'Baggesen's Gold'	Bushy :3 brks :C	30-40cm	3L	4/m <sup>2</sup>	4/m <sup>2</sup>	Box Honeysuckle 'Baggesen's Gold'
249 No.	Prunus laurocerasus 'Otto Luyken'	Bushy :3 brks :C	40-60cm	5-7.5L	3/m <sup>2</sup>	3/m <sup>2</sup>	Cherry Laurel 'Otto Luyken'
394 No.	Spiraea japonica 'Fire Light'	Bushy :16 brks :C	40-60cm	3L	4/m <sup>2</sup>	4/m <sup>2</sup>	Spiraea Cultivar
219 No.	Viburnum davidii	Bushy :4 brks :C	30-40cm	5-7.5L	3/m <sup>2</sup>	3/m <sup>2</sup>	Viburnum

Herbaceous							
No.	Species Name	Specification	Spread	Height	Pot Size	Density	Common Name
184 No.	Carex pendula (C, full pot)			1.5-2L	3/m <sup>2</sup>	3/m <sup>2</sup>	Pendulous Sedge

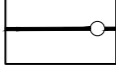
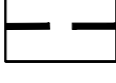

**SURFACE TREATMENTS - HGV SPECIFICATION:**

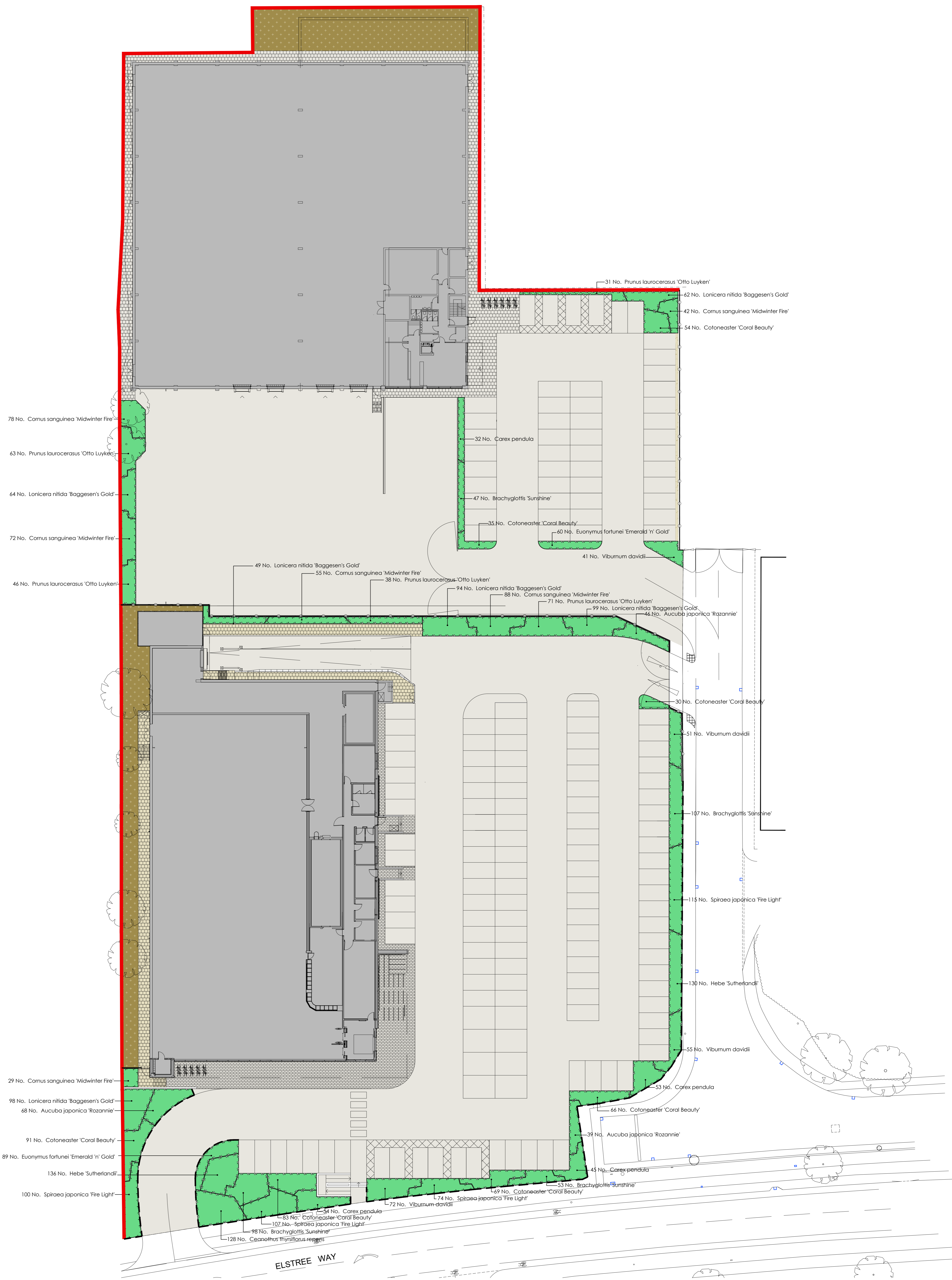
-  PAVING: 300 x 300mm light grey concrete paving stones; laid stretcher pattern.
-  PEDESTRIAN PAVING: 200 x 100mm dark grey concrete block paving; laid stretcher bond.
-  TARMAC: tarmac surface to engineers specification.
-  GRAVEL: to match existing retained pavement surface.

**LEGEND: SOFT LANDSCAPING**

-  GROUND COVER: ornamental shrub ground cover planting as specified.
-  BARK MULCH: Melcourt 'Amenity' Bark Mulch surface laid to 75mm depth over geotextile.
-  EXISTING TREES / VEGETATION: to be retained.

**BOUNDARY TREATMENTS:**

-  BOUNDARY RAILINGS: 2000mm steel palisade security fence, installed over existing retaining walls where necessary.
-  KNEE RAIL: 450mm high timber knee rail as detailed.
-  EXISTING BOUNDARY TREATMENTS: to be retained.



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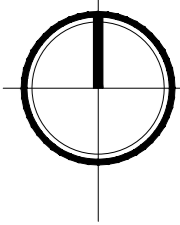
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**cdm 2015; designers residual risk information**  
 In addition to the risks & hazards normally associated with the type of work detailed on this drawing the following residual risks should be noted:

- Construction:**
- Changes in level across the site including ramped access / steps.
  - Banking work and associated level changes.
  - The proximity of adjacent pavements, estate roads & car parks.
  - The proximity of adjacent buildings and buried associated services.

- Maintenance:**
- Changes in level across the site including ramped access / steps.
  - Banking work and associated level changes.
  - The proximity of adjacent pavements, estate roads & car parks.
  - The proximity of adjacent buildings and buried associated services.

It is assumed that works will be carried out by competent contractor working where appropriate to an approved method statement.



**client:**  
Lidl UK GmbH

**project:**  
Lupa House, York Way  
Borehamwood

**title:**  
Detailed Landscape  
Proposals

**status:**  
PLANNING

date:	drawn:	number:
Apr 2019	DP	19-046-01
scale/A0:	checked:	revision:
1:250	TGW	

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