

Implementation and Maintenance Guidelines.

1.0 GENERAL

All plants and turf/seeding shall conform to BS 3936 and planting to be in accordance with the National Plant Specification. Supplying nurseries shall be registered under the HTA Nursery Certification Scheme. All plants shall be packed and transported in accordance with the Code of Practice for Plant Handling as produced by CPSE. Planting shall not be carried out when the ground is waterlogged, frostbound or during periods of cold drying winds. All bare root stock shall be root dipped in an approved water-retaining polymer. If the formation level is compacted it should be ripped through before topsoiling. Recommended topsoil depths are 300mm for shrubs and 150mm for grass.

2.0 ORNAMENTAL SHRUBS AND TREES

2.1 Ground Preparation

Where necessary treat existing weeds with a glyphosate based herbicide and allow a suitable period as recommended by the manufacturer for this to take effect. A general purpose slow release fertiliser at the rate of 75gm/m2 and Tree Planting and Mulching Compost at the rate of 20litres/m2 are to be incorporated into the top 150mm of topsoil during final cultivations. All extraneous matter such as plastic, wood, metal and stones greater than 50mm in any dimension shall be removed from site or as directed.

Trees specified are light standard 2-3m height with clear stems to 1.5m. 6-8cm girth. Tree pits to the specified size are to be excavated and the base broken up a further 150mm with the sides well scarified to prevent smearing. All trees up to and including selected standards are to be supported with single 75mm diameter stakes. All rootball, container grown and trees over heavy standard size shall be double staked. Stakes should be driven 500mm into undisturbed ground before planting the tree, taking care to avoid underground services and cables etc.

2.2 Planting

Shrubs and hedges are to be set out as shown on the drawing and pit planted into the prepared soil at the specified centres with minimal disturbance to the rootball and well firmed in. Refer to details for soil depths. Trees are to be placed into the pits and backfilled with topsoil incorporating slow release fertilizer and Tree Planting and Mulching Compost as specified. Firm trees in well and secure with proprietary rubber tree ties and spacers. Water in all trees and shrubs at the end of each day of planting. Spread pine bark mulch to a depth of 75mm across all new planting areas , ensuring groundcover plants are not buried

2.3 Maintenance

The landscape contractor shall maintain all areas of new planting for a period of 12 months following practical completion or as otherwise specified. After this time period, landowners will be responsible for ongoing maintenance. All stock deemed to be dead, dying or diseased within the defects period shall be replaced by the contractor at his own cost. The site is to be visited monthly throughout the year to undertake the following operations. Weed clearance: All planting areas are to be kept weed free by hand weeding or herbicide treatment. Litter clearance: All litter is to be removed from planting beds. Watering: Planting areas are to be brought up to field capacity at each visit and each tree is to receive 20 gallons. Checking trees: All tree ties and stakes are to be checked and adjusted if too loose, too tight or if chaffing is occurring. Any broken stakes are to be replaced. Formative pruning: Any damaged shoots/branches are to be pruned back to healthy wood. Plants are to be pruned in accordance with good horticultural practice to maintain healthy well-shaped specimens. Watering: During periods of hot and dry weather. Watering should be undertaken in evenings early in the morning. Apply water to the base of the plants where it can soak through to roots. Watering should be undertaken at a minimum of every 3 days in very hot weather.

3.0 GRASS

3.1 Preparation

The area to be turfed or seeded shall be sprayed out with a glyphosate herbicide and cultivated to a depth of 100mm removing all weeds, debris and stones over 25mm diameter. The surface shall be raked to smooth flowing contours with a fine tilth, incorporating pre-seeding fertiliser at 70 g/m2.

3.2 Delivery and Storage of turf

Turf shall be supplied in accordance with BS3936. Turf shall be close textured and green in colour and be sufficiently fibrous to withstand handling. Turves shall be regular in shape, 300mm wide and of uniform thickness (minimum 25mm). The grass shall be closely mown and shall not exceed 25mm in height. Turf shall be stacked in piles of up to 1 metre. It shall not be laid in frosty or waterlogged conditions and shall not be stacked in rolls for more than three days.

3.3 Turf

Turfing operations shall be in accordance with BS 4428. Whole turves shall be laid around the perimeter of the area to be turfed. The central area shall be laid in rows with staggered joints, well butted together, working from planks positioned on turves already laid. The turf shall be watered on completion. Any unevenness shall be made good by lifting the turf and adjusting the levels. Should shrinkage occur, fine topsoil shall be brushed into the joints.

3.4 Seeding

Grass seed shall be sown in April during calm weather and not when the ground is frost bound or waterlogged. Seed shall be sown in two equal sowings in transverse directions at 35 g/m2. After sowing the contractor shall lightly rake the seed into intimate contact with the soil.

3.5 Initial cut

When newly seeded and turfed areas reach 50mm they should be lightly rolled and cut to a height of 30mm. All risings shall be removed. Any bare patches shall be made good at this time. Seeded areas shall be cut for a second time when the sward reaches 50mm high.

NOTES:

- All landscape proposals must be referred to by the Structural Engineer during foundation design.
- Soiling operations to be carried out in accordance with the implementation and maintenance guidelines.
- All planting to be in accordance with the implementation and maintenance guidelines.
- No species, variety, size or position to be amended without the Landscape Architects prior approval.
- Before trees are planted, the Landscape Contractor shall ascertain the location of drains from the site manager, and shall if necessary make minor adjustments to tree positions to ensure that they are planted at least 1.5m from drains. They should however be planted no closer to houses/garages than is shown on the drawing, and if shown located in shrub beds, the shape of the latter should be adjusted if necessary to accommodate the revised tree position.
- All planting must be mulched in accordance with the implementation and maintenance guidelines.
- If planting is required outside the October-March season, bare root shrubs will be replaced by 3L pot grown plants, and trees will be replaced by a containerised equivalent to be approved by the project landscape architect.



MASTER PLAN
SCALE : 1:1250

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- Do not scale drawings. Figured dimensions shall have precedence over scaled dimensions.
- Any discrepancies should be reported to the Landscape Architect.
- All trees and hedgerows are to be protected in accordance with BS5837 and/or Arboricultural recommendations unless instructed otherwise.

NOTES / REVISIONS

C	Amended boundary	mh	26.4.16
B	Amended park path	mh	22.4.16
A	Addition of swale, boundary/fence change	mh	11.04.16
REV	DESCRIPTION	INIT.	DATE

ORIGINAL DRAWING SIZE :

Scale Reference:

- Planning Boundary
- School (secure) Boundary

PLANNING

MeiLoc Landscape Architects

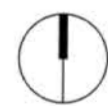
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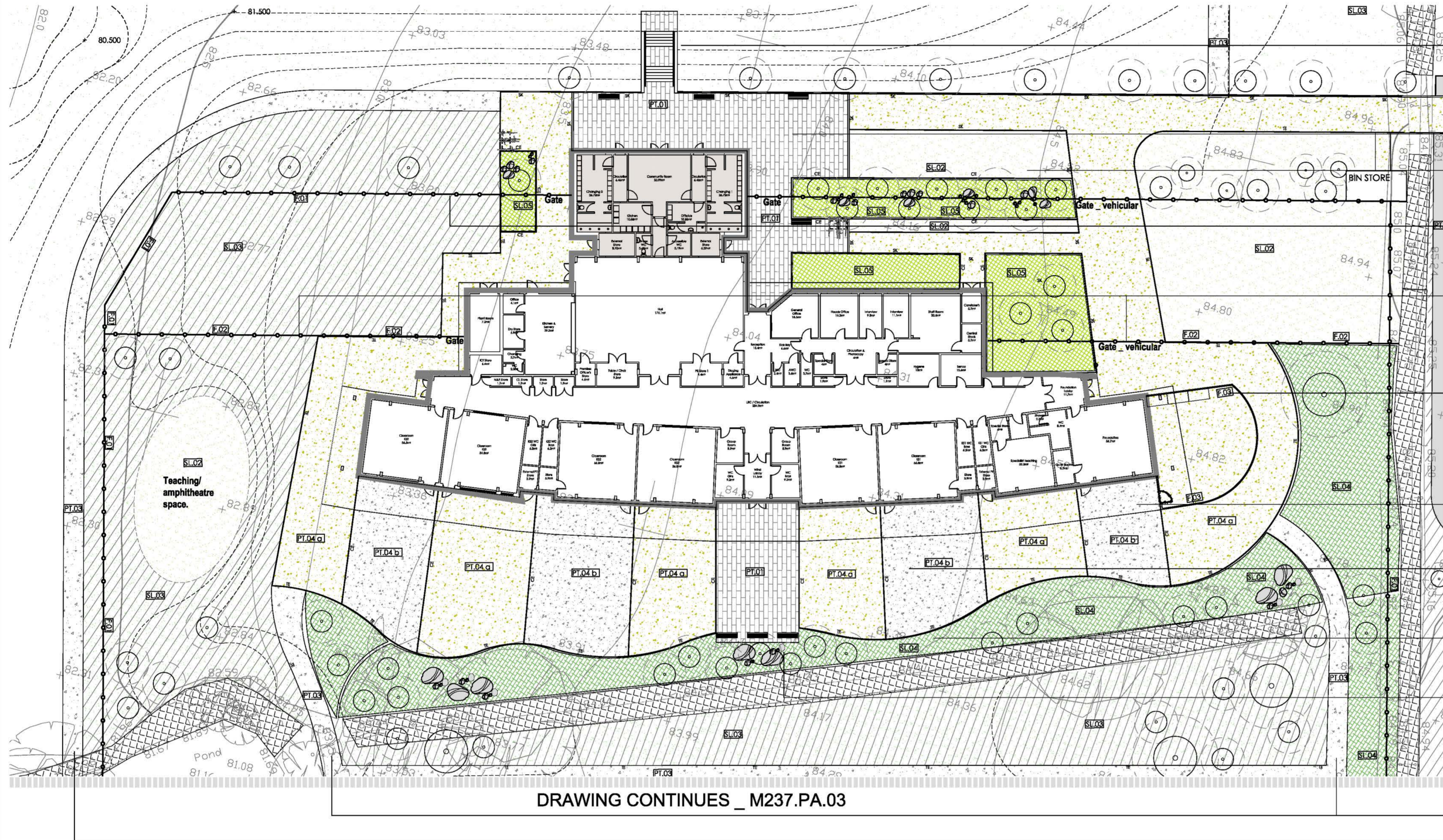
Client
LEICESTERSHIRE COUNTY COUNCIL
Job Description / Location
HALLAM FIELDS PRIMARY SCHOOL
BIRSTALL
LEICESTER

Drawing Title
LANDSCAPE PLAN

WIDER SITE CONTEXT



Date 02.03.2016	Scale 1:1250	Drawn By TH	Checked
Job No. M237	Drawing No. DR.L.PA01	Revision C	



DRAWING CONTINUES _ M237.PA.03

LANDSCAPE PROPOSALS DETAIL AREA 01
SCALE : 1:250

- PITCH ACCESS STEPS X 12**
Marshalls Metrolinia paving cladding
Handrails to sides and centre.
Contrasting corduroy paving to top and bottom of flight.
- CENTRAL WALKWAY**
Marshalls Metrolinia paving
- FEATURE PLANTING**
ornamental planting and lawn combined with
WSUD/SUDS treatment for functional amenity planting.
- SECURITY FENCE**
2.4m height fence. Detail to be determined.
Vehicular Gate for maintenance access
Pedestrian Gate for pupils
- SECURITY FENCE**
2m height fence. Detail to be determined.
Vehicular Gate for maintenance access
Pedestrian Gate for pupils
- KS1 OUTDOOR PLAY AREA**
Edged with 1.0m height timber palisade
play fence with 1 x self closing gate.
Buff coloured asphalt surfacing
3 x small storage sheds for equipment.
- FOUNDATION 'FREELOW' AREA**
90m2 area defined with 1.0m height
timber palisade play fence
2 x self closing timber palisade gates
Shade sail with timber post support
10m x 6m. (to give extra shelter beyond
the building canopy)
- PLAYGROUND**
Surfaced with coloured asphalt
in buff, light grey and mid grey.
Surfaced panels edged with Marshall Saxon edging
1:60 crossfall away from school.
- INTERMEDIATE BOUNDARY**
Retained and managed hedgerow.
Wildflower meadow seeding to northern side
including informal seating (stumps/rocks).
- Include WSUD /SUDS element to aid surface
water management
- OUTDOOR TEACHING/AMPHITHEATRE SPACE**
Formed from excavated fill/ facilitated land modelling, form
an informal amphitheatre form.

- INTERNAL PATHWAY**
Informal internal pathway for access to pitch.
- EXTERNAL PATHWAY**
Informal pathway linking the community facility to
existing pedestrian infrastructure.

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A	Addition of swale, boundary/fence change	mh	11.04.16

ORIGINAL DRAWING SIZE :

Scale Reference:

LEGEND

- EXISTING TREE TO BE RETAINED AND PROTECTED
- EXISTING TREE TO BE REMOVED
- PROPOSED TREE
- SOFT LANDSCAPING 01: Sports Field - Johnsons Sports Seed (J Multi Sport Mix)
- SOFT LANDSCAPING 02: Amenity lawn - (Boston Seeds - BS Universal)
- SOFT LANDSCAPING 03: Meadow - grass/wildflower mix (80%/20%)
- SOFT LANDSCAPING 04: Wildflower mix (100%)
- SOFT LANDSCAPING 05: Shrub Planting
- SOFT LANDSCAPING 06: Seeding hedge retained and protected (BS5837 2013)
- SITE BOUNDARY/FENCE 01: Proposed perimeter fence and gates/bars, 2.4m high, Jacksons Euroguard
- SITE BOUNDARY/FENCE 02: Proposed perimeter fence to northern side of campus, 2.0m high, Jacksons Euroguard
- FENCE 01: Timber post/rail fence to KS1 teaching & play areas. Natural planned finish. Matching Gates Jacksons Playtime Fence 1.07m ht
- LARGE ROCKS AND Boulders (New and Reused from site clearance).
- PAVING TYPE 01: FEATURE PAVING, Marshalls Metrolinia
- PAVING TYPE 02: Tarmac surface to roadways and footpaths
- PAVING TYPE 03: Informal self binding aggregate surface to footpaths (bredden gravel or similar)
- PAVING TYPE 04a: coloured asphalt buff colour
- PAVING TYPE 04b: coloured asphalt colour silver grey
- PAVING TYPE 04c: standard tarmac surfacing - pedestrian grade
- EDGING TYPE 01 - Marshalls Saxon Korb
- EDGING TYPE 03 - Marshalls Saxon Edging
- FEATURE STEPS - 150mm rise, 280mm tread. Concrete paver finish, or similar approved. Side walls to be fixed as spec.
- SITE FURNITURE: Bike racks, (And Shelters - detail to be determined)
- SITE FURNITURE: Bench.

Approx finished surface levels.

PLANNING

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Client
LEICESTERSHIRE COUNTY COUNCIL
Job Description / Location
**HALLAM FIELDS PRIMARY SCHOOL
BIRSTALL
LEICESTER**

Drawing Title
LANDSCAPE PLAN

External Works 1 of 3

Date 02.03.2016	Scale 1:250	Drawn By TH	Checked
Job No. M237	Drawing No. DR.L.PA02	Revision A	