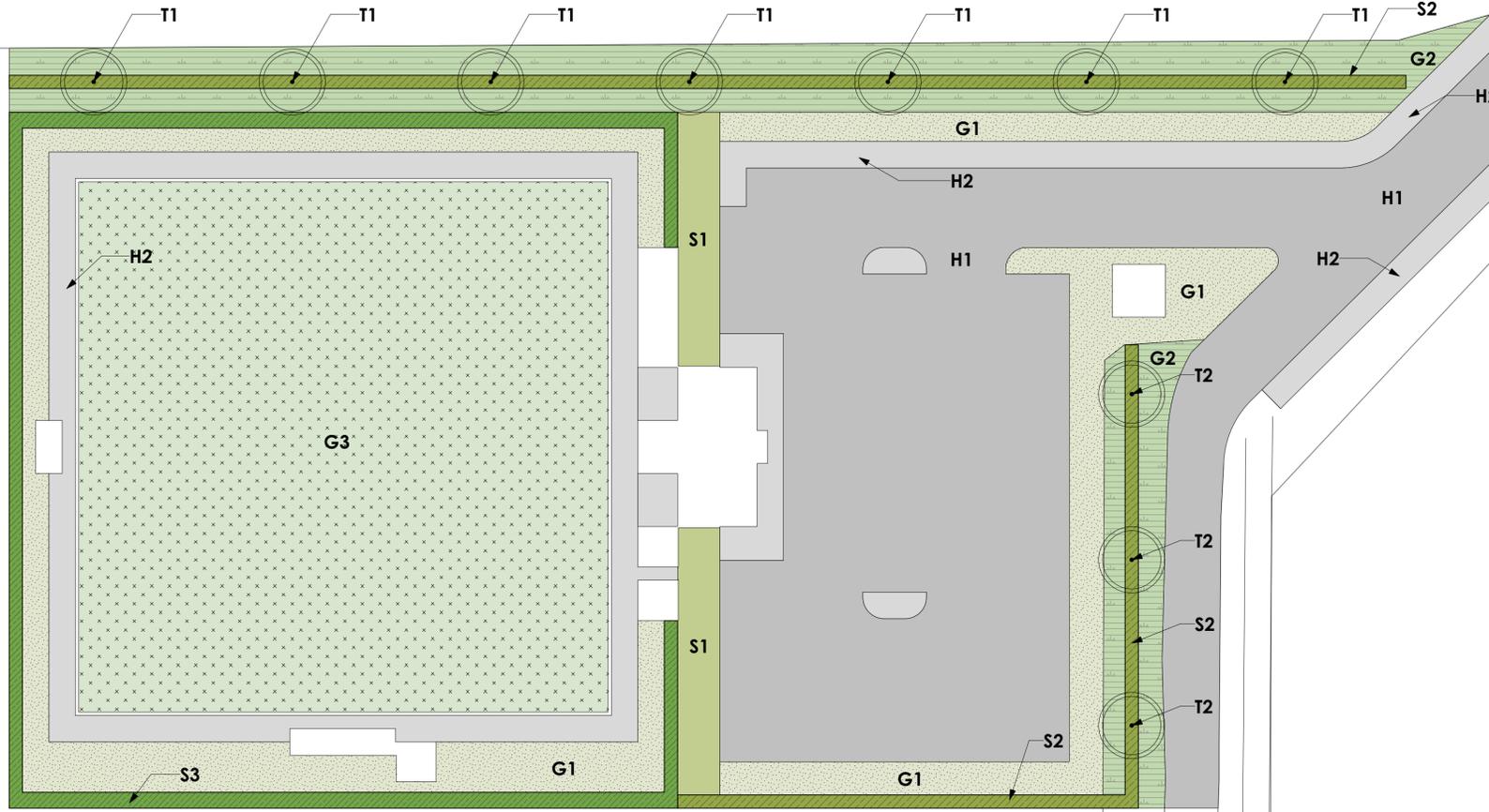


**LOCATION SITE PLAN**  
Scale 1:10,000



**Plant Species**

- Trees**
- T1 - Sorbus aria 'Lutscens' 18-20 cmg
  - T2 - Acer campestre 'Elsrijk' 18-20 cmg

- S1 - Ornamental Shrubs**
- Euonymus fortunei 'Emerald n Gold'
  - Hebe albicars 'Red Edge'
  - Hebe rakaiensis
  - Hypericum calycinum
  - Lavandula angustifolia
  - Lonicera pileata
  - Pachysandra terminalis
  - Rosmarinus officinalis
  - Skimmia japonica 'Rubella'
  - Viburnum davidii
  - Vinca major

- S2 - Proposed Native Hedgerow**
- Crataegus monogyna
  - Prunus spinosa
  - Corylus avellana
  - Rosa canina
  - Ilex aquifolium

- S3 - Proposed Formal Hedge**
- Prunus lusitanica
  - Photinia x fraseri 'Red Robin'

- G1 - Proposed Amenity Grass**
- Amenity Grass Seed Mix

- G2 - Proposed Wildflower Meadow**
- Woodland Meadow (Shade Tolerant) Seed Mix

- G3 - Proposed Sports Pitch Grass**
- A1 (Professional Bowls) Grass Seed Mix

**KEY**

- Site Boundary
- Ownership Boundary

**Soft Landscape Proposal**

- T1 & T2 - Boundary Trees
- S1 - Ornamental Shrub Planting
- S2 - Proposed Native Hedgerow
- S3 - Proposed Formal Hedge
- G1 - Proposed Amenity Grass
- G2 - Proposed Hedge Edge Meadow
- G3 - Proposed Sports Pitch Grass

**Hard Landscape Proposal**

- H1 - Vehicular Tarmac
- H2 - Pedestrian Tarmac

**NOTE**

Drawing based on Proposed Site Block Plan 608623-0000-PEV-GHX0031-ZZ-DR-A-0201

P03	20/08/2021	Workflow Status revised to S3
P02	25/06/2021	Redline updated / Bowls Green spec note added
P01	10/06/2021	First Issue

Rev	Date	Description
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This document references the following linked files

File Reference	Status	Revision
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**Project Status**  
RIBA Stage 02

**Client**  
Ministry of Justice

**Project**  
New Prisons Programme

Ministry of Justice, 102 Petty France, London, SW1H 9AJ

**Project Name / Site**  
New Prisons Programme  
Garth & Wymott 2

**Project Address**  
Site Adjacent to HMP  
Garth & HMP Wymott

**Building Type**  
Bowls Club - Site Infrastructure

**Drawing Title**  
Bowling Green Landscape Proposals

**Originator Logo** Drawn By REK Date 10/06/2021

**PICK EVERARD** Checked By JBY Date 10/06/2021

Approved By n/a Date n/a

**Drawing Number**  
608623-0000-PEV-GHX0031-XX-DR-L-0405 D0100

**Sheet No.** 01 of 01 **Scale** 1:1500 **Orig. Sheet Size** @A1 **Rev.** P03

**Data Handling Classification** OFFICIAL **Suitability** S3

**SOFTWORKS - Specification Notes**  
For all hard landscape works, drainage, signage and boundary treatments including slopes, walls, fencing refer to Architect's or Engineer's drawings. For existing levels refer to site survey and for proposed levels refer to Engineers drawings.

**GENERAL Workmanship**  
All landscape soft works are to be carried out in accordance with BS 4428: 1989 'Code of practice for general landscape operations (excluding hard surfaces)' and BS 3934: 1992 'Recommendations for cultivations and planting in the Advanced Nursery Stock category'. Works should be carried out at the appropriate season and only in appropriate weather conditions.

**Services and Setting Out**  
Prior to starting works, verify locations of all services and obtain instruction if required. Set out planting areas as shown and obtain approval before planting.

**SOIL**  
Prior to any other landscape works including topsoil spread, ensure adequate drainage by ripping/sub-soiling as required. In all areas where shrub and tree planting is specified, supply and spread a minimum depth of 450mm of clean topsoil. In grass area, spread 150mm minimum. Topsoil and subsoil are to be imported and handled in reasonably dry conditions to avoid unnecessary compaction and damage to soil structure. Topsoil and subsoil should be stacked separately and strict precautions be taken to prevent mixing. Contractors' attention is drawn to BS 3882 and BS 4428 Section 4 to Section 8.

**BOWLS GREEN PITCH;** note - works to Bowls Green Pitch to be undertaken by a specialist Sport Turf Contractor. Design of soil, grass seeding and drainage to be provided by specialist Sport Turf Designer/Contractor.

**PLANTING Advanced Nursery Stock Trees**  
Excavate tree pits to accommodate entire root mass. Fork sides and base thoroughly to achieve drainage and remove clay patches. Mix backfill topsoil with minimum of 6kg spent mushroom compost and 10% sand by volume. Firm in layers and water to field capacity. Anchor each rootball with underground guying system. Fit irrigation (flexible perforated plastic pipe with all fittings and fixtures including cap with metal chain retainer).

Mulch: Supply and spread a minimum depth of 75mm bark mulch to top of tree pits to extend in m2 square. Tree pits in heavy ground require land drainage pipes to be connected into surface water drainage system. Under conditions of heavy rain, ponding in soil may occur and may require alleviation by land drainage. Obtain advice in each case from the Engineer prior to topsoil spread.  
Bark mulch: Supplier: Melcourt Industries Ltd or equal approved  
Reference: Amenity grade bark mulch  
Refer to tree pit detail

**PLANTING Nursery Stock (Shrubs, Whips and Transplants)**  
Preparation  
Prior to planting cultivate soil to 300mm. Leave surface regular and even and remove all debris and stone over 50mm diameter. Carry out weed control as necessary.

Hedge planting: Excavate trench minimum dimension 450 x 450 and rip/tork over bottom of trench to ensure adequate drainage. Native hedgerow plants are to be planted in double staggered rows @ 6 plants per Lm and formal hedge plants to be planted in single row @ 4 plants per Lm. Extent and location of native hedge planting to be confirmed on site.

**Planting:**  
Plant each plant upright, carefully replacing backfill and heel well in. Add min 2kg planting compost to the backfill material for each shrub/tree during planting and mix well. Weed control is to be carried out by periodic herbicide spraying at intervals to be agreed with the Main Contractor. Water to field capacity. Supply and spread 75mm deep bark mulch to all planted areas to suppress weed growth (as per ANS trees).

**SEEDING / TURFING**  
Prior to seeding cultivate topsoil thoroughly to 100mm minimum. Leave soil surface regular and even, removing all humps and hollows and remove all debris and stone over 50mm diameter. Ensure that soil surface marries into existing levels and hard edges, service covers etc, being slightly proud to allow for settlement. Apply suitable pre-seeding fertiliser and herbicide where appropriate. Firm and rake to prepare a seedbed. Supply and sow specified grass seed at scheduled rate. Two equal sowings in transverse directions. Roll and water.  
Wildflower meadow areas: strip topsoil and lightly cultivate subsoil prior to seeding.

**AMENITY GRASS SEED MIX**  
Supplier: Germinal Seeds  
Reference: A22 - Low Maintenance - RATE : 35g/m2

**HEDGE EDGE MEADOW SEED MIX**  
Supplier: Germinal Seeds  
Reference: WFGB - Wildflower mix for Hedgerows and Shaded Areas  
RATE : 5g/m2

**SPORTS PITCH GRASS**  
Supplier: Germinal Seeds  
Reference: A1 (Professional Bowls)

**SOFTWORKS - Aftercare**  
**AFTERCARE: General**  
The softworks contract shall include a 12 month maintenance period following practical completion. During this period the softworks contractor is responsible for all aspects of softworks aftercare. Allow for regular inspection visits, maintenance and routine site inspection as specified BS 4428. In addition, allow for routine litter clearance, from all planting areas. The softworks contractor is to supply to the client a programme of maintenance and report maintenance visits and actions undertaken in an agreed form.

**AFTERCARE: Standard Trees (boundary trees):**  
Allow for maintenance works, to include firming of tree stakes and replacement or adjustment of tree ties, weed and pest control, protection from animals, formative pruning to achieve desired form, watering and replacement of failures.

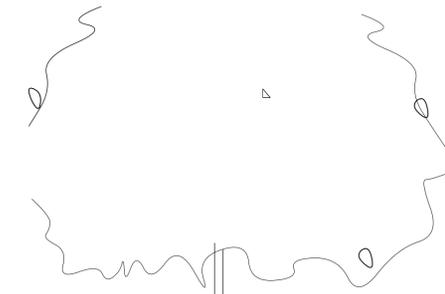
**AFTERCARE Nursery Stock Planting:**  
Allow for maintenance works, to include weed control, attention to protection from animals, formative pruning to achieve desired form, watering and replacement of failures. Take special care to control weeds within shrub shelters.

**AFTERCARE Amenity Grass:**  
Allow for maintenance works, to include fertilising, watering, disease and weed control, aeration, removal of litter, rolling and cutting to maintain the works in a tidy condition and promote healthy growth.  
Wildflower meadows: cut meadow twice a year. Undertake regular weeding (hand pulling only), allow for removal of litter.

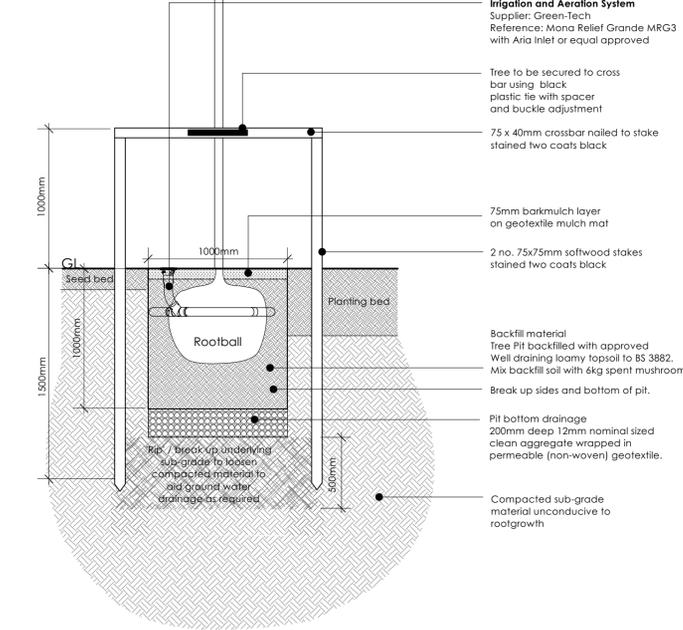
**Note for native hedgerow planting:**

Quantity and locations of proposed hedge planting to be determined on site using the following species:

Crataegus monogyna	40-60cm	1+1/BR (50%)
Prunus spinosa	40-60cm	1+1/BR (25%)
Corylus avellana	40-60cm	1+1/BR (15%)
Rosa canina	40-60cm	1+1/BR (5%)
Ilex aquifolium	40-60cm	C3L (5%)



Trees shall have a sturdy well defined single straight central leader  
Place tree 50mm higher than final level to allow for settlement



**Typical Tree Pit Detail: Standard Tree in Soft Landscape**  
Scale 1:25