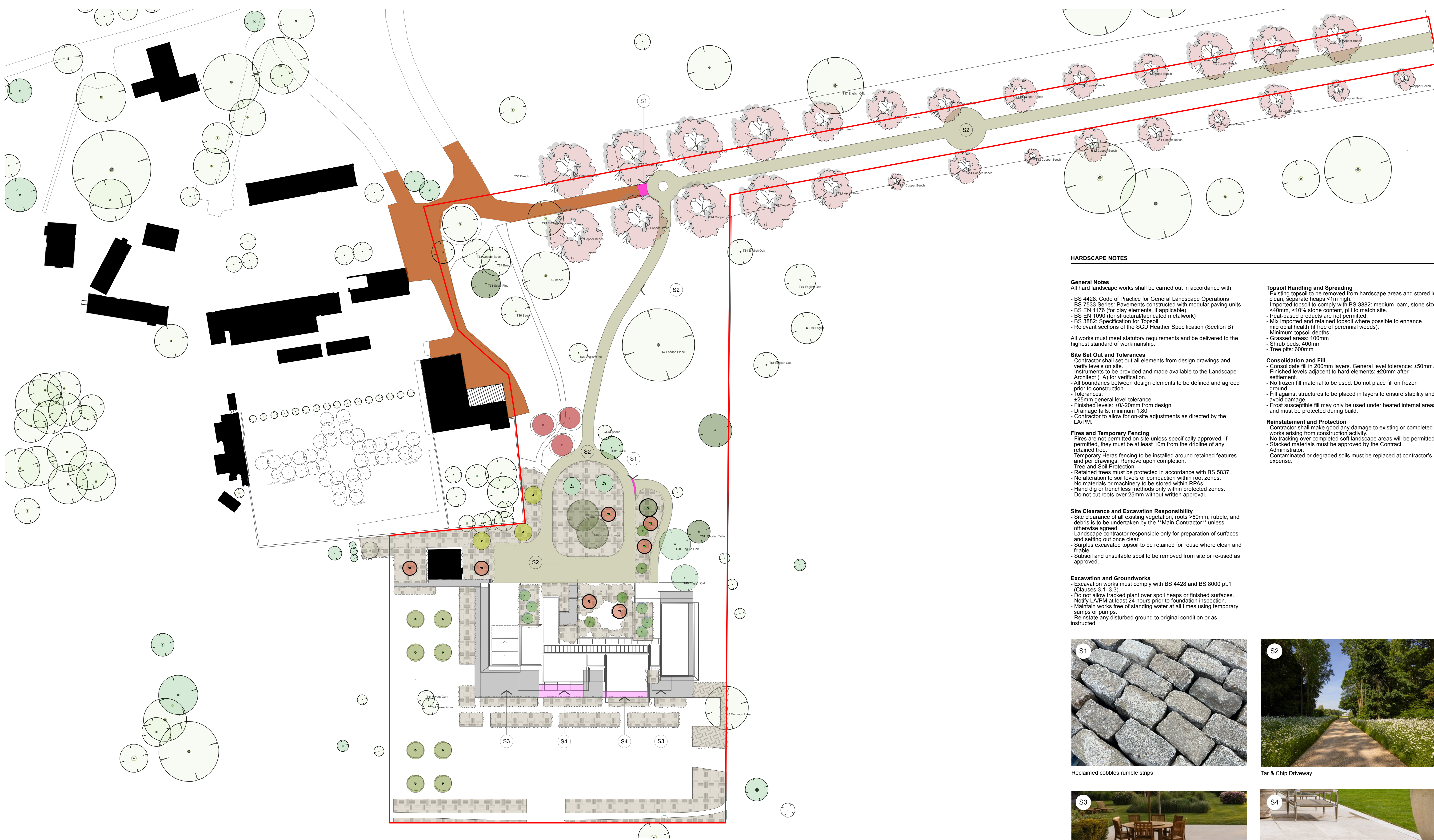
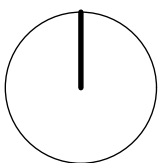




HARDSCAPE NOTES

General Notes

All hard landscape works shall be carried out in accordance with:

- BS 4428: Code of Practice for General Landscape Operations
- BS 7533 Series: Pavements constructed with modular paving units
- BS EN 1176 (for play elements, if applicable)
- BS EN 1090 (for structural/fabricated metalwork)
- BS 3882: Specification for Topsoil
- Relevant sections of the SGD Heather Specification (Section B)

All works must meet statutory requirements and be delivered to the highest standard of workmanship.

Site Set Out and Tolerances

- Contractor shall set out all elements from design drawings and verify levels on site.
- Instruments to be provided and made available to the Landscape Architect (LA) for verification.
- All boundaries between design elements to be defined and agreed prior to construction.

- Tolerances:
 - ±25mm general level tolerance
 - Finished levels: +0/-20mm from design
 - Drainage falls: minimum 1:80
 - Contractor to allow for on-site adjustments as directed by the LA/PM.

Fires and Temporary Fencing

- Fires are not permitted on site unless specifically approved. If permitted, they must be at least 10m from the dripline of any retained tree.
- Temporary Heras fencing to be installed around retained features and per drawings. Remove upon completion.
- Tree and Soil Protection
 - Retained trees must be protected in accordance with BS 5837.
 - No alteration to soil levels or compaction within root zones.
 - No materials or machinery to be stored within RPAs.
 - Hand dig or trenchless methods only within protected zones.
 - Do not cut roots over 25mm without written approval.

Site Clearance and Excavation Responsibility

- Site clearance of all existing vegetation, roots >50mm, rubble, and debris is to be undertaken by the "Main Contractor" unless otherwise agreed.
- Landscape contractor responsible only for preparation of surfaces and setting out once clear.
- Surplus excavated topsoil to be retained for reuse where clean and friable.
- Subsoil and unsuitable spoil to be removed from site or re-used as approved.

Excavation and Groundworks

- Excavation works must comply with BS 4428 and BS 8000 pt.1 (Clauses 3.1-3.3)
- Do not allow tracked plant over spoil heaps or finished surfaces.
- Notify LA/PM at least 24 hours prior to foundation inspection.
- Maintain works free of standing water at all times using temporary sumps or pumps.
- Reinstate any disturbed ground to original condition or as instructed.

Topsoil Handling and Spreading

- Existing topsoil to be removed from hardscape areas and stored in clean, separate heaps <1m high.
- Imported topsoil to comply with BS 3882: medium loam, stone size <40mm, <10% stone content, pH to match site.
- Peat-based products are not permitted.
- Mix imported and retained topsoil where possible to enhance microbial health (if free of perennial weeds).
- Minimum topsoil depths:
 - Grassed areas: 100mm
 - Shrub beds: 400mm
 - Tree pits: 600mm

Consolidation and Fill

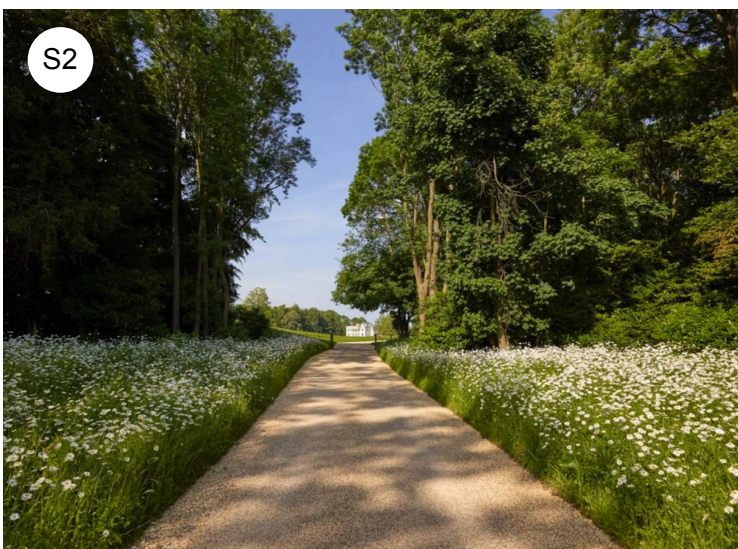
- Consolidate fill in 200mm layers. General level tolerance: ±50mm.
- Finished levels adjacent to hard elements: ±20mm after settlement.
- No frozen fill material to be used. Do not place fill on frozen ground.
- Fill against structures to be placed in layers to ensure stability and avoid damage.
- Frost susceptible fill may only be used under heated internal areas and must be protected during build.

Reinstatement and Protection

- Contractor shall make good any damage to existing or completed works arising from construction activity.
- No tracking over completed soft landscape areas will be permitted.
- Stacked materials must be approved by the Contract Administrator.
- Contaminated or degraded soils must be replaced at contractor's expense.



Reclaimed cobbles rumble strips



Tar & Chip Driveway



Honed Natural stone paving around Main House



Block Pavers providing textural contrast