

Hillingdon Sports & Leisure Complex - Landscaping Plan

Summary of Plan:

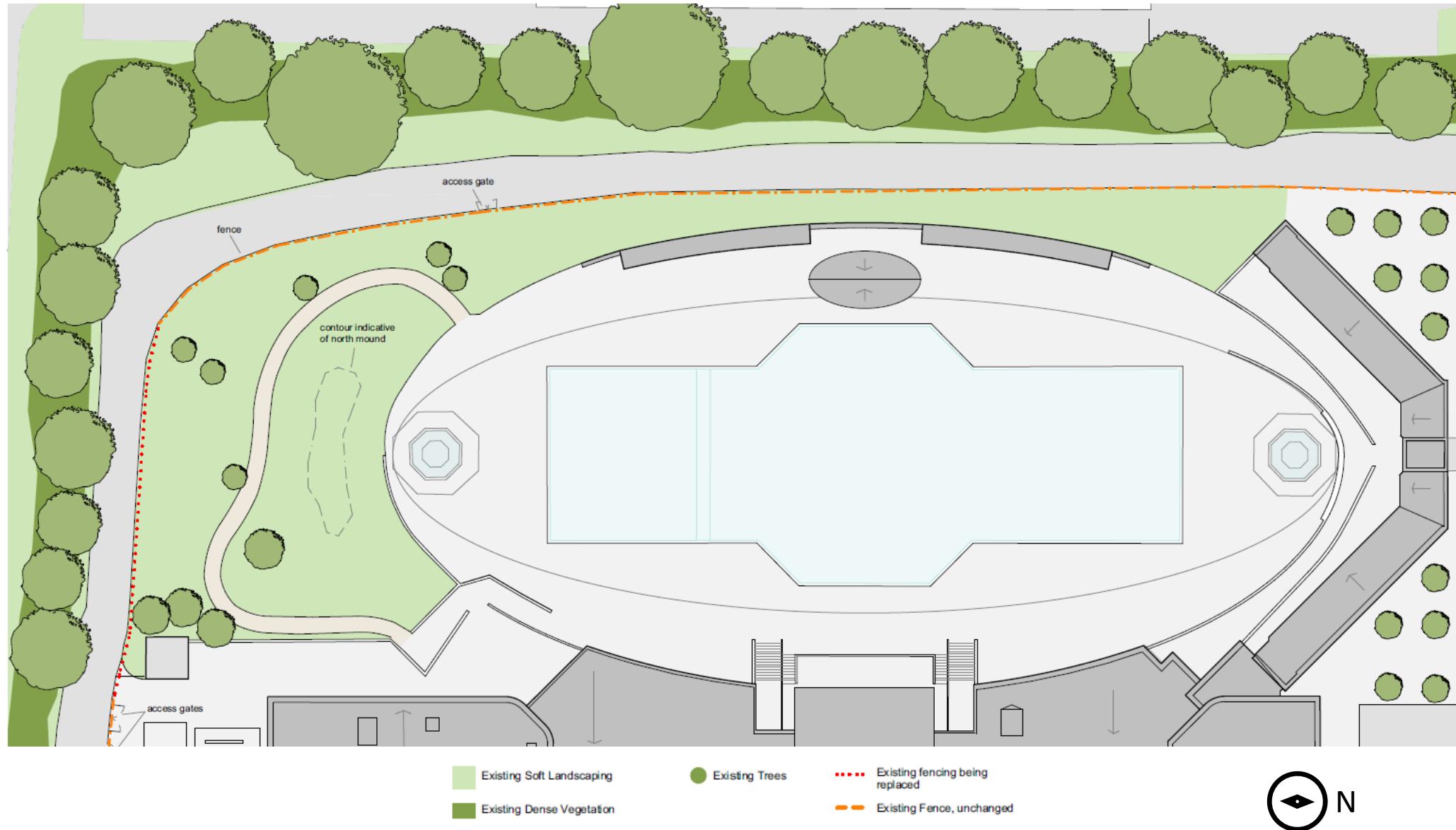
Proposed hard landscaping

- Installation of new fenced enclosure to contain the ASHP system consisting of 4no. evaporator banks, compressor units, pump units, and a thermal store.
- Change to existing fencing arrangement and southern edge of grass line to accommodate the install of the new enclosure.
- No change to existing pedestrian access or walkways.
- No change to existing vehicle access routes.

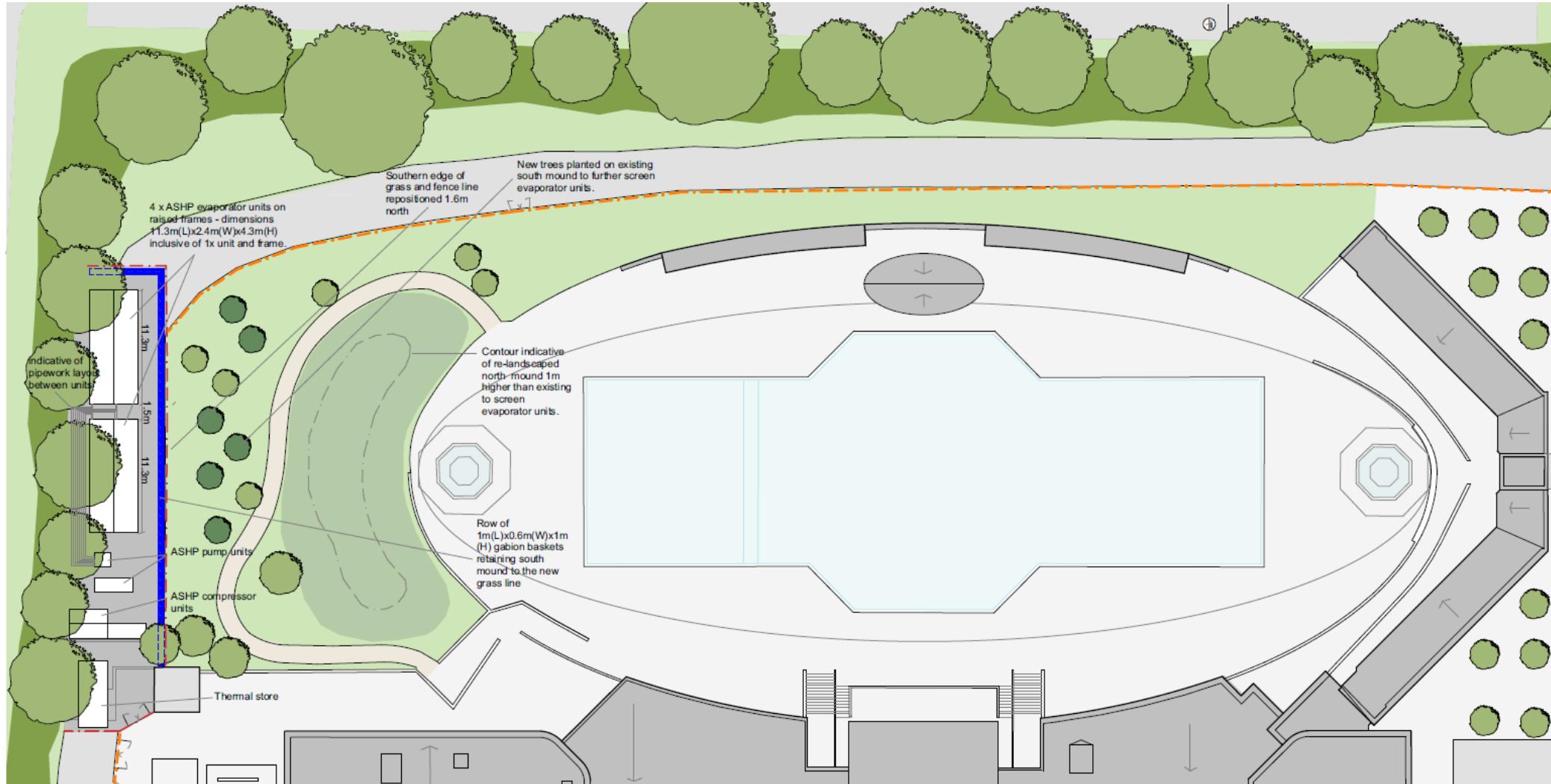
Proposed soft landscaping

- Enlargement of the north mound just south of the Lido to screen new evaporator banks.
- Planting of new trees on the south mound south of the Lido to further screen new evaporator banks.

Existing Landscape



Proposed Landscape



Existing Soft Landscaping	Existing Trees	Existing fencing being replaced	Roof area proposed for PV layout
Area of Proposed Soft Re-landscaping	Proposed Trees	Existing Fence, unchanged	Existing Hard Landscaping
Existing Dense Vegetation	Proposed row of gabion baskets	Proposed new green mesh security fence	Proposed Hard Landscaping



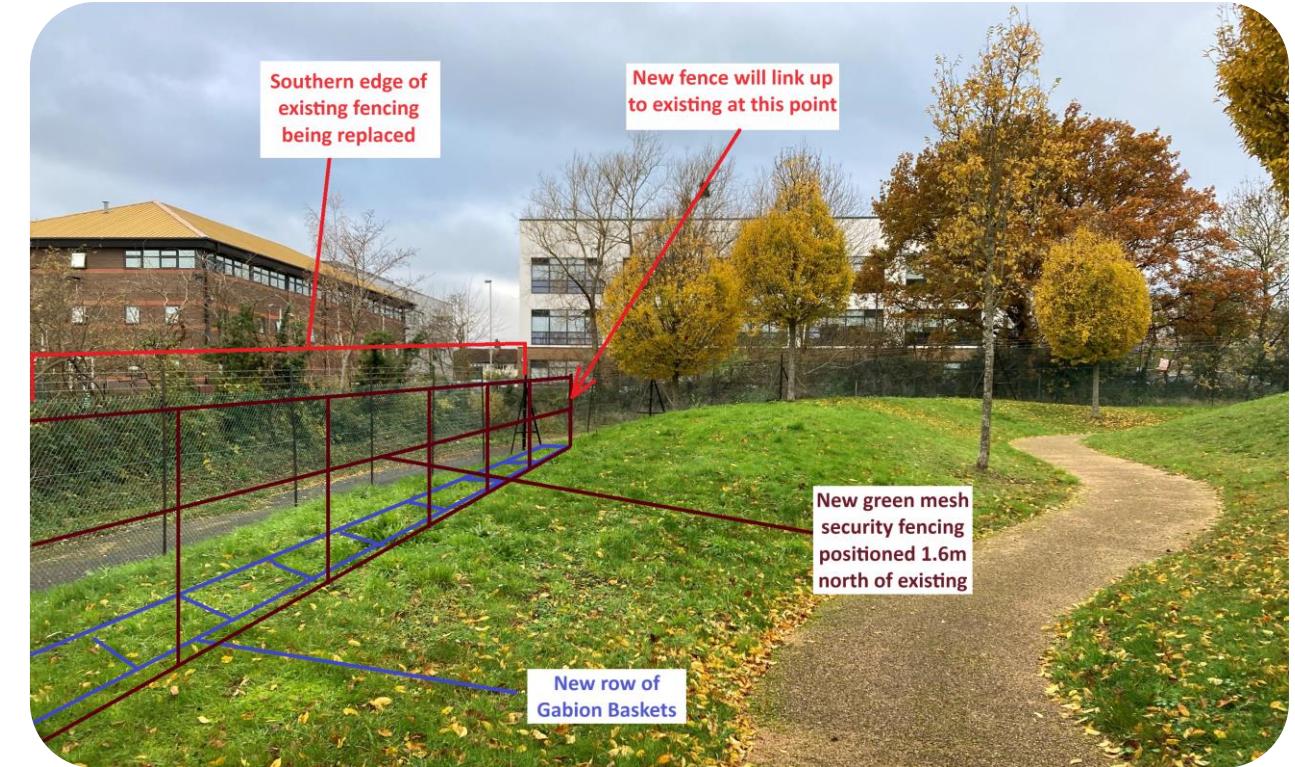
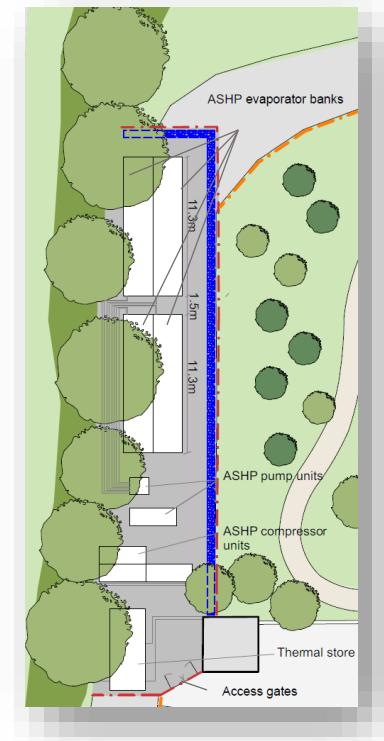
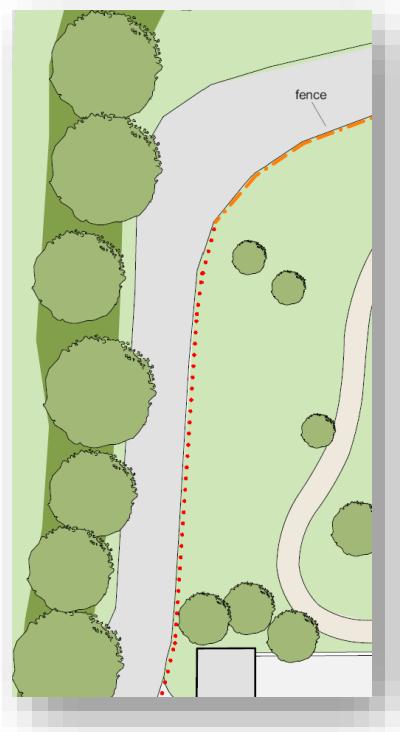
Proposed Hard Landscaping

Southern edge of the south grass mound to be repositioned 1.6m north. New edge of mound to be retained using a row of gabion baskets H 1.5m x L 0.5m x W 1m along length of excavated area.

Southern edge of existing fence to be replaced with green paladin security fencing and repositioned 1.6m north. It will be linked to the existing fencing so that the lido area remains enclosed.

Additional green paladin security fencing to be added across the existing road at either end of the new plant and gabion baskets at the west end so that this area is securely enclosed. Access gates to be positioned at the east end of the road.

Concrete plinths added below pump units, compressor units, thermal store, and feet of evaporator banks. Drainage pits filled with shingle installed below evaporator banks to accommodate condensate. 1.2m wide concrete walkway added along north and west sides of the enclosure for access. All within the new fenced enclosure.



Proposed Soft Landscaping - New Mound

To partially screen the new evaporator banks, the north mound will be enlarged so that its mean height is increased by 1m while keeping its shape within its existing symmetry. The gradient of its northern slope will be retained to accommodate public use.

Its existing turf will be removed, and subsoil added as the base layer to construct the shape of the new mound to 900mm. A 100mm layer of topsoil will be added on top of this to finish the upper section of the mound with new turf being laid upon this.

Contaminant-free, single source, nutrient rich soil will be sourced from a local supplier.

Excavated earth will be reused where possible or collected using skips and bulk bags to be disposed of as organic waste (managed sustainably and recycled where possible) using a licensed waste removal company.

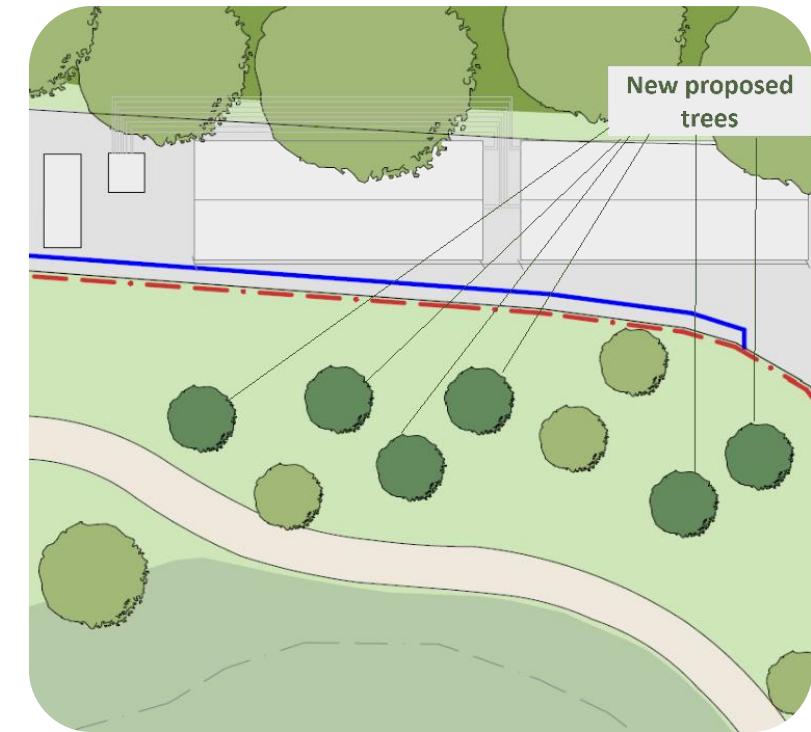


Proposed Soft Landscaping - New Trees

6no. new trees will be added on the south mound to further screen the evaporator banks. They will be planted into 1m x 1m x 1m pits which will have a 200mm layer of shingle at the bottom, 200mm of subsoil and then 600mm of topsoil.

For the first 2 months after planting, the trees will be watered and maintained by a professional landscaper to ensure their survival.

Proposed planting of either *Carpinus Hornbeam* to match the existing trees on the mound or *Photinia Standard* as an evergreen option common to the area. Sourced from a local tree nursery.



Contaminant-free, single source, nutrient rich topsoil will be sourced from a local supplier.

Excavated earth will be reused where possible or collected using skips and bulk bags and be disposed of as organic waste (managed sustainably and recycled where possible) using a licensed waste removal company.