

OUTLINE PLANTING SPECIFICATION - SUGN-Y-PWLL RESERVOIR REPLACEMENT

To be read in conjunction with :-

REF: DVC/04304-PB-22-100 D SUGN-Y-PWLL RESERVOIR REPLACEMENT - LANDSCAPE PROPOSALS
SUGN-Y-PWLL RESERVOIR REPLACEMENT - 5 YEAR MAINTENANCE SCHEDULE

PROTECTION OF EXISTING TREES AND HEDGES

The existing trees and Indigenous perimeter hedges to be retained are to have their crowns and roots protected as necessary during development phase in accordance with principles in BS 5837 : 2012 : Trees in Relation to Design, Demolition and Construction, as far as feasible, and in accordance with the recommendations in RSK's Stage 3 Arboricultural impact Assessment and Method Statement Ref 857555 DEC 2018 including Protective fencing in accordance with BS5837:2012 in accordance with Tree Protection Plan Ref 857555 Drawing 1.

All materials for construction purposes shall be stored outside of the canopy and rooting zone of the tree and existing hedges. All toxic materials such as oils, bitumens and residues from concrete mixing shall be kept well away from the protection zone/drainage zone of the hedge, well away from their root systems, and shall be retained within effective catchment areas as far away as possible to avoid risk of tree root contamination. The routing of any services within tree and hedge protection zones shall be avoided as far as possible. Any excavation that shall prove necessary within the Tree or hedge canopy and rooting zones eg for proposed fencing posts or drains should be carried out by careful hand dig if necessary to avoid root damage.

GENERAL PLANT SUPPLY

All plant material to be supplied in accordance with BS 3936 Parts 1-4 and 9-10. All plants to the correct species and stock size specified, and to be good specimens characteristic of species. All plants to be supplied free from pest and disease. All tree, shrub, & groundcover species have been specifically selected for their form, height, & individual characteristics, therefore no substitution of species to be carried out without prior consent.

EXISTING & PROPOSED DRAINS & STATS SERVICES

Care required in respect to excavations in the vicinity of existing and proposed drainage and electrical routes including careful hand dig of hedge topsoil trench over and in immediate vicinity of any shallow service and drain runs that cross the hedgerow. Refer to the following drawings in respect to drain and electrical routes:-

H6W/ 00015-CV022-014 - Sugn -Y -Pwll Reservoir Replacement - Plan on Inlet /Outlet overflow pipes
H6W/00015-EV-32-003 Rev A - Sugn -Y -Pwll Reservoir Replacement- Electrical Equipment Location drawing

PROPOSED INDIGENOUS HEDGE PLANTING TO SITE BOUNDARIES, REPLACEMENT PLANTING TO ANY EXISTING HEDGING REMOVED TO SITE FRONTAGE

Hedging transplants and shrubs to be planted in 450mm depth x 700mm wide topsoil trench. Any imported topsoil is to comply with BS3882:2007 Multi Purpose Grade, including presentation of all necessary certification in accordance with the BS. Allow for 35mm layer of approved peat free planting compost to be incorporated into topsoil along with Enmag fertilizer at recommended rate. Plants to be planted in a double staggered row at approx 300mm centres, first row being located approx 250-300 mm from fence line. Plants to be staked as necessary to ensure vertical growth. Plants to be well watered in. A 75mm layer of approved quality coarse / medium grade bark mulch to be introduced to whole of finished hedge line to a width of 700mm. All hedging plants to receive rabbit guards.

All deciduous plants to receive a 60cm height perforated spiral rabbit guard to base.

Evergreen/ Holly plants to receive a "Tubex Tree Guard Mesh for Shrubs" (recyclable HDPE, 12mm open plastic mesh, preformed guards), 60 cm height, olive green colour, 170-200mm dia. (Selected for broad diameter to allow hedge plants to grow outwards at base, and open mesh for air circulation preferred by holly). To be secured with 32mm x 32mm x 75 mm ht treated timber stakes, secured into ground at least 300mm. Supply of Guards & stakes available from 'Cheviot Trees' or 'British Hardwood'.

LOW MAINTENANCE GRASS MIX TO NEW COMPOUND AREA

New grass areas are to receive where necessary a top up of 150mm depth of approved on site or imported topsoil to BS3882: 2007, cultivated, and made weed free. To be seeded with a seed mix in accordance with CESWI 7th Edition at a rate of 35g/m2 inc pre seed fertilizer. (Refer to Planting Schedule on Landscape drawing for seed mix)

PROGRAMMING OF PLANTING AND SEEDING WORKS

The proposed hedge planting shall be implemented during the November to March bare root planting season, avoiding frosts, frozen ground or periods of excessively wet or inclement weather.

If it is anticipated that the planting will occur outside of the November to March period - then the EHS tree and hedge plants will all need to be supplied as container grown stock.

New Tree and Hedge Planting shall only be installed once a stock proof fence has been installed around the proposed boundary.

Grass seeding operations shall be carried out during milder weather conditions ideally in spring or early autumn (but avoiding excessively wet conditions).

OUTLINE MAINTENANCE SPECIFICATION DURING DEFECTS LIABILITY PERIOD

All soft landscape elements are to be maintained and guaranteed during 12 months defects liability period by the landscape contractor in accordance with the 5 Year Maintenance Schedule. Operations to include regular weeding operations to bases of existing and new hedge species, by hand or using non residual herbicides, formative pruning as necessary to promote bushy growth initially; regularly checking and adjusting tree and hedge stakes and ties; checking and repairing/ replacing rabbit guards or mesh guards as applicable ; watering new tree and hedge plants/ shrubs as necessary during prolonged dry periods. Contractor to allow for replacing any plant failures; topping up bark mulch; & any necessary reinstatement or over seeding to grass areas.

ONGOING MAINTENANCE

After the 12 months defects period, the new hedge planting , and low maintenance grass areas are to be maintained under a separate ongoing maintenance contract in accordance with the 5 year Maintenance Schedule. The proposed hedges shall be maintained to an ultimate height of approx 1.8-2m to assist screening of the reservoirs.

If within a period of 5 years from the date of initial planting, any tree or hedge plants planted in accordance with the approved landscaping works are removed, die or become diseased or seriously damaged, then replacement plants shall be planted in the next planting season with others of similar size and species, in line with usual LPA requirements.