C42 SOFT CAPPINGS **Rev. A TENDER**

Arc Ref: 18032 904

To be read with Drawings: 18006 101-7

GENERALLY/ PREPARATION

110 SCOPE OF WORK

The soft cappings are to be applied only in the areas shown on the drawings, generally comprising the flat wall heads of capped masonry. Soft cappings outside these areas may be agreed and instructed on site, during the works. Confirm on site with CA prior to commencing work.

120 REVIEWING SCOPE OF THE WORK

Arrange Inspection by Architect once scaffolding is in place, but before work commences. Confirm detail and extent of work required with Architect before beginning. Confirm any plants to be retained for re-use.

130 REMOVAL OF PLANT GROWTHS FROM MASONRY

Confirm any plants to be retained for re-use before commencement of work. Set aside any sedums and maintain for re-use in soft capping.

Plants, root systems and associated soil/ debris: Carefully remove from joints, voids and face work.

Rooty shrubs & trees: cut shrub to 100mm above masonry and treat end with approved systemic herbicide. Leave to die before removing roots. Use dampened temporary wood wedges or other approved method to assist removal of roots. Where growths cannot be removed completely without disturbing masonry seek instructions.

Do not remove lichen unless instructed.

WORKMANSHIP GENERALLY

160 PROTECTION

Protection of masonry: Prevent damage, particularly to arises, projecting features and delicate, friable surfaces. Prevent soil splashes and other staining and marking. Use suitable non-staining covers, boards, etc. Remove at completion.

Protection of grounds: Prevent soil spills and build up of debris on the ground, by use of protective sheets below work. Prevent unnecessary dieback of plants by removing when work not going on above.

Protection of plants: protect existing and soft cappings plants from damage during works and maintain in good condition, as appropriate.

170 DISTURBANCE OF EXISTING MASONRY

Do not disturb existing masonry and ensure new mortar repairs are adequately cured before installation of soft cappings.

180 OPERATIVES

General: Skilled and experienced with the materials and procedures required. Evidence of training and previous experience: Contractor to provide a list of operatives, certificates and qualifications prior to commencement of works and when personnel are rotated or changed on site, Contractor to submit written notification of the changes to personnel.

185 ADVERSE WEATHER FOR SOFT CAPPINGS

- Frozen materials: Do not use. Do not lay cappings on frozen surfaces.
- Air temperature: Do not apply cappings when at or below 5˚C and falling or unless it is at least 3˚ C and rising.
- Rain and snow: Protect new cappings by covering during heavy precipitation while work is not proceeding.
- Hot conditions and drying winds: Prevent cappings from drying out by light watering, when approved by CA.

190 CONTROL SAMPLES

General: Obtain approval of the following before proceeding with the remainder:
- 1m length of soft capping.
- Turf.
- Clay Sample.

SOFT CAPPINGS

240 SOFT CAPPING

Type: natural local turf laid over a clay soil dome. Agree sourcing location, method and detail on site with CA with edges turned back and under.

330 PREPARATION OF EXISTING MASONRY WALLHEAD

Ensure masonry is fully consolidated and adequately cured as C41, prior to installation of soft cappings.

385 FITTING SOFT CAPPINGS

- Lay nom 150mm thick layer of clay soil as clause 420, over existing wallhead, forming ‘domed’ surface, always shedding water away to edges.
- Lay single nom 50mm thick layer of turf over clay dome in as large pieces as possible, cut and shaped to suit masonry. Edges to be rolled under to create double layer and avoid any exposed cut edge. Prepare turf and clay to avoid any gaps or air void and press turf well down into clay to ensure good root to clay contact. Cross joints to be lapped to avoid opening up.
- Fit continuous layer of coir netting over top, tie to turf and tie to wooden dooks fixed into clay.
- Cut holes and press in plug plants at 300mm centres grid, as 423.
- Lightly spray with water on completion.
- In prolonged dry weather repeat spraying as necessary.
- Do not cover cappings or expose to lime mortar.

420 CLAY LAYER

- Material: natural clay subsoil.
- Supplier: Local source, to be confirmed. Allow for transportation to site.
- Fitting: wet and work clay into a malleable state. Add sand if over-rich and approved by CA. Apply to wallhead, pressing firmly in to create a complete capping with no voids to the approved shape. Avoid staining of masonry.
- Prevent drying out before covering with turf.
- Trim off any excess exposed. Clean off any surface stains.

421 TURF LAYER

- Material: natural local turf.
- Supplier: source locally, allow for cutting by hand in remote field and transport nom. 10 miles to site.
- Cutting: Cut in rolls, nom 50mm thick and 600mm wide, by hand or machine to approval.
- Prevent drying out in transportation and storage. Cut as close to fitting as possible to avoid die-off and water as required.

422 COIR NETTING

- Material: natural coir mesh netting: Hy-Tex CoirMesh 400
- Supplier: Hy-Tex, Adlington Mill, mill Lane, Ashford, Kent, TN25 7AJ.
  Tel; 01233 720097
  www.hy-tex.co.uk
- Cutting: Cut in continuous lengths to suit.
- Fixing: Ties at nom 600 centre to wooden dooks or s.s. screws.
  NO PLASTIC MESH OR ROPE TO BE USED.

423 PLUG PLANTS

- Material: *Sedum acre*, in planting plugs.
- Supplier: Sky Garden, Tel 01242 620905, www.sky-garden.co.uk or equal and approved.
- Fitting: plugs at 300mm centres, pressed into place.

Revisions:

A	TENDER	2020.01.21	PH