



## MAIN CONTRACT SCHEDULE OF WORKS

February 2021

	<p><b>Section 2</b></p> <p><b>SCHEDULE OF WORKS FOR BOUNDARY, BUILDING AND LANDSCAPING WORKS BY GENERAL CONTRACTOR</b></p> <p>Refer to drawings SOR016596.01, J20-077.1000, 1001, 1003, 1007, 2020, 2500, 2501, 2502, 2503, 2504, 3020, 3022, 3027, 3029, 5001, 6000, 6001 and NBS General Specification for Boundary and Building Repairs and Landscaping.</p>	
1.00	<b>Repairs to Boundary Walls</b>	
1.01	<p>Mortar Bedded and Pointed Stone Walls</p> <ol style="list-style-type: none"> <li>1 Carefully remove granite copings and set aside for re-use where noted on drawings along east boundary wall. Carefully demolish sections of damaged pitched rubble stone coping from west boundary wall and set aside for re-use.</li> <li>2 Salvage granite copings from collapsed sections of east boundary wall and set aside for re-use.</li> <li>3 Salvage walling stone from collapsed sections of east boundary wall and set aside for re-use.</li> <li>4 Salvage fallen walling stone and brickwork from interior and surrounds of Mortuary Chapel in the Congregationalists Cemetery, and set aside for re-use.</li> <li>5 Partially demolish unstable masonry where noted on drawings, salvaging stone and bricks and setting aside for re-use.</li> <li>6 Deep rake and repoint areas of walling noted on drawings with 1:2.5 NHL3.5 hydraulic lime/sand mortar. Hand tools only to be used.</li> <li>7 When repointing completed, grout cores of rubble stone walling where noted on drawings with 1:2.5 NHL3.5 hydraulic lime/sand mortar.</li> <li>8 Rebuild collapsed and partially demolished sections of rubble stone walling using salvaged stone, bedded and pointed in 1:2.5 NHL3.5 hydraulic lime/sand mortar. Where copings are missing, bed salvaged stones to form hearting of coping and render with Prompt Natural Cement mortar to match coping profile.</li> <li>9 Rebed salvaged granite copings to tops of east boundary wall, bedded and pointed in 1:2.5 NHL3.5 hydraulic lime/sand mortar.</li> <li>10 Rebuild pitched stone copings to west boundary wall with salvaged stone, bedded and pointed in 1:2.5 NHL3.5 hydraulic lime/sand mortar.</li> <li>11 Install stainless steel Helibars at approximately 225mm vertical centres in rubble stone walling joints across cracks in boundary walls as shown on drawings. Bed Helibars in epoxy mortar, and repoint joints with 1:2.5 NHL3.5 hydraulic lime/sand mortar.</li> </ol>	



1.02	<p>Repairs to Stone and Earth Hedges</p> <ol style="list-style-type: none"> <li>Carefully salvage fallen stone and soil from south hedge and set aside for re-use. Take particular care around C1, C2 and C3, but the spoil needs to be removed from the back of these monuments to reduce the pressure on them.</li> <li>Rebuild sections of hedge as noted on drawings using salvaged stone and soil, to match the height and profile of the undamaged parts of the hedge. Finish with turf capping. Refer to Landscape Architect's drawing.</li> <li>Infill opening in hedge between Jewish and Congregationalist Cemeteries with salvaged stone and soil to match the height and profile of the undamaged parts of the hedge. Finish with turf capping.</li> </ol>	
1.03	<p>Repairs to Mortuary Chapel</p> <ol style="list-style-type: none"> <li>Take salvaged brickwork from within and outside Mortuary Chapel (3.01.4) and bed and point in 1:2.5 hydraulic lime/sand mortar to make minimal repairs to walls.</li> <li>Allow for Cornwall Archaeological Unit to remove all debris from interior of Mortuary Chapel and expose/record floor.</li> <li>On completion of brickwork repairs, carefully wash floor with water and leave clean.</li> <li>Carefully remove any loose plaster/render from surviving finish on east wall. Consolidate top edges of remaining plaster with fillet of hydraulic lime/sand render.</li> </ol>	
1.04	<p>Repairs to Ohel</p> <ol style="list-style-type: none"> <li>Repoint surviving brickwork quoin of Ohel and build in salvaged bricks bedded and pointed in 1:2.5 hydraulic lime/sand mortar with salvaged rubble stonework to stabilise corner.</li> </ol>	
1.05	<p>Samples and Analysis of Existing Mortars and Renders</p> <ol style="list-style-type: none"> <li>Include for taking samples and obtaining analysis of materials including recommended limes, sands and mixes to replicate as closely as possible the original materials.</li> <li>Requirements for samples and analysis are included in Specification section C41.</li> </ol>	
1.06	<p>New Gates</p> <ol style="list-style-type: none"> <li>Carefully remove surviving frame from recess on west side of Congregationalist Cemetery entrance as pattern for new frames.</li> <li>Obtain surviving section of gate from client storage for incorporation into new gates.</li> <li>Fabricate new pair of gates and frames using salvaged items as a pattern and incorporating surviving section of gate. Decorate and fit to existing opening.</li> <li>Fabricate new gate and frames for entrance into Jewish Cemetery to match Congregationalist Cemetery gates. Decorate and fit to existing opening.</li> </ol>	
1.07	<p>Repairs to North Road Bank</p> <ol style="list-style-type: none"> <li>Refer to Structural Engineer's drawings 2500, 2501, 2502, 2503 and 2504, and NBS Specification.</li> </ol>	



1.08	Repairs to Congregationalist Cemetery Steps Retaining Wall 1 Refer to Structural Engineer's drawings 2500, 2501, 2502, 2503 and 2504, and NBS Specification. Include for rope handrail on stainless steel brackets and timber posts fixed to new wall on west side of staircase.	
<b>2.00</b>	<b>Landscape Works</b>	
2.01	Refer to landscape drawings – 6000 and 6001 and NBS specification.	
2.02	Set out path, bridged paths, steps, stone hedge gaps, new hedgerows, interpretation boards and seating area edges to LA/CA approval. Mark on site with tapes/flags and/or marker paint for Historic England site inspection. No marker paint is to be applied to monuments, graves, walls or trees.	
2.03	Ground clearance – Treat alignment of proposed paths, seat areas, stone hedge cut throughs and hedgerow trenches with herbicide to manufacturer's instruction and leave to take effect for 3 weeks.	
2.04	Clear ground for paths, seat areas and hedgerow trenches, including stone hedgerow cut throughs, carefully, <b>by hand</b> to the direction of the LA/CA. Remove vegetation, litter, stones, debris to leave clear, clean, level soil. Remove overburden from area to the north west of Dissenters' Cemetery. Level ground but do not excavate. Report any emerging features or significant tree roots uncovered to the CA. Remove arisings off site. <b>GROUND TO BE LEVELLED AND COMPACTED BUT NOT EXCAVATED.</b>	
2.05	Set out to LA's approval and then Install 'Everedge' Pro Edge – Dark Grey finish to path and seating area edges.	
2.06	Install stone deck system over Grave J2 , steps and stepping stones over J15 and 16 and install stepping stones in Jewish cemetery with 100-200mm grass gap between each. These are to be installed to LA's drawings and with CA's approval, for Heritage England's archaeologist to approve.	
2.07	Install free draining SUPERCEDEC path system as per detailed drawings.	
2.08	Level out uneven parts of the surface of existing path to north west of site from gate to road, retaining historic stone edge on eastern side. Spray with herbicide, leave for three weeks before installing Everedge and SUPERCEDEC path system. Interface with public footpath along highway and stone threshold at gate to create flush finishes at either end – some local excavation may be required. Remove concrete lintel to the north of gate stone threshold.	
2.09	Clear all stones, litter, dead vegetation and large weeds from northern bank along highway, retaining shrubs. <b>Report any findings to CA. No excavations are to be undertaken without consent.</b>	



2.10	Spray off all weeds with herbicides in accordance with manufacturer's instructions and leave for three weeks to take effect.	
2.11	Install Greenfix 'Covamat Fresh type 3-F pre-seeded blanket to engineer's wall stabilisation system for walls over 45 degrees angle. Blanket to incorporate native seed mix as per the specification. Pin / attach to engineer's system with steel pins. Anchor bottom edge of blanket with stone rip rap, backfill the blanket with top soil to even up surface and backfill under blanket around tree stumps and tuck top edge over brow of bank, pinned to avoid loose edges and possible wind damage. Cut blanket neatly around retained shrubs and trees.	
2.12	Excavate hedge pits to 300mm deep and plant native hedgerow mix as per the drawings and specification. Backfill with excavated topsoil mixed with tree and shrub compost to specification and drawing notes. Apply eco friendly mulch spats and shrub stakes/protection. Water in well.	
2.13	Install hedge planting – 500mm wide hedge in double staggered rows at 30mm centres. Stake and apply mulch mats as per the specification.	
2.14	Water in hedge as required during summer months as per the specification.	
2.15	Maintain planting for 12 months and replace any lost plants. Secure frost heaved plants, stakes and ties, water in dry periods, prune dead wood, adjust protection.	
2.16	Install feature slate wall ends as per drawings – 4 no. Allow for removal of stones and earth to make entrances and remove end of Cornish Hedges by 500mm to allow for the rebuilding of the ends with heart stones for stabilisation where necessary. Allow for granite slab threshold (double paving slabs) for each opening – 3 No. 900 x 300 x 50mm for northern opening, 2 No. 1200 x 300 x 50mm for southern opening	
2.17	Install 3 No. lectern style interpretation boards, with reclaimed oak posts designed by Client team in conjunction with HDC. <a href="#">Heritage Destination Consulting Ltd</a> Poppy House, Mundesley Road, Paston, Norfolk, NR28 9AD, <a href="mailto:UKinfo@hdc-interpretation.com">UKinfo@hdc-interpretation.com</a> <a href="http://www.heritagedestination.com">www.heritagedestination.com</a>  (+44) 01263 722773 or (+44) 07831 776361	
2.18	Install bolted, galvanised steel shoes for interpretation boards – 3 no. Boards – 6 no. shoes in total at 500mm deep x 100 x 100mm. <b>As this constitutes an excavation these excavations would need to be undertaken carefully by hand with an archaeologist present.</b>  <b>Set lecterns at height suitable for wheelchair visitors.</b>	
2.19	Install 4 no. reclaimed granite benches from Tim Marsh quarries - Trenoweth Quarry, Mabe Burnthouse TR10 9HY <a href="tel:01326372546">01326 372546</a> to client and LA's choice. 600 x 600 x 1200mm approximately.	



2.20	Broadcast native meadow seed mix to northern hedge bank and water in regularly with a fine spray to avoid washing away the seeds.	
2.21	Install top landing step to north east flight to replace existing block step to architect's instruction.	
2.22	Install additional 3m length of softwood round post, hand rail and stock proof fencing to existing line of fencing to north of Jewish Cemetery, adjacent to Grave J2, to prevent falls. Allow for 2 no. 200mm diameter straining posts @ 1.5m above the ground plus 600mm below ground and 2 no. Posts at 1.2m above the ground, 500mm below the ground. Allow for two support posts to be angled back into the bank to the north of the fence-line. Allow for 3m of galvanised stock proof fencing and softwood 1No, smooth finished, round section hand rail 1m long x 100mm diameter for a grab rail. Allow for galvanised, concealed fixings that will withstand a maritime environment.	
<b>3.00</b>	<b>Access for Archaeologist</b> 1 Allow for access to site by Cornwall Archaeological Unit for a watching brief and recording of all excavations, work to the north, east, west and south boundaries, recording of any additional monuments found, and new openings through stone hedges.	
<b>4.00</b>	<b>Volunteer Activities</b> 1 Allow for access to the site for volunteers to assist with the archaeological watching brief and recording, and for cleaning of the monuments. Allow for an open day on site during the works.	
<b>5.00</b>	<b>Site Access and Compound</b> 1 Allow for installation of a no dig temporary access for light plant only (such as a motorised wheelbarrow) from the Sainsbury's Store access road to the south of the site, across the TPO to a compound within the green metal fence to the south of the south Congregationalist Cemetery boundary. Specification and method statement for the path through the TPO to be submitted for approval. 2 Include for the provision of a temporary hardcore surfaced area within the green metal fencing for conservators to set up a temporary work area and covered workshop. 3 Clear away temporary surfacing on completion and undertake any necessary work to mitigate the effects of the path on the roots of the trees in the TPO.	
<b>6.00</b>	<b>Revisions:</b>	
6.01	16 <sup>th</sup> February 2021 – Preliminary Issue for Tender	RG
6.02	1 <sup>st</sup> March 2021 – Landscape Works Details	ES
6.03	24 <sup>rd</sup> March 2021 – Rev A Issue for Main Contract Tender	RG