

Canon Hall Vinery
Timber Repairs - Schedule of Work
07 October 2022

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Total for page £

To be carried forward to Section 1 collection (page 6)

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1 Cannon Hall Vinery Works

1.1 ENABLING WORKS

1.1.1 DEMOLITION, STRIPPING OUT AND ALTERATIONS

10 Survey Before Demolition

Drawing Reference : BC2202.11-APP-XX-XX-DR-B-100 Rev P1

Location : Areas to be cleared as indicated on above drawings.

• Survey Before Demolitions (C20)

Survey : Before starting demolition work, examine available information. Survey the structures, site and surrounding area. Submit a report, photographs and written statement giving arrangements for demolition or dismantling. Include any details or other information reasonably required to allow development of the Construction Phase Plan, if applicable.

Asbestos: Before starting demolition work, examine all available Asbestos Registers and information.

Survey to be undertaken before any works are undertaken

• Asbestos

Asbestos Containing Materials : Duty - Take note of known, suspected asbestos and non- surveyed areas and equipment. Report immediately any suspected materials discovered during execution of the works and follow Health & Safety procedure for the site/ works.

Actions : Do Not Disturb, Agree methods for safe removal or encapsulation, Refer to PCI (included in the Appendices) for additional information.

1.1.2 Stripping Out / Enabling Works

20 Carefully remove all glazing and store ready for re-installation

Drawing Reference : BC2202.11-APP-XX-XX-DR-B-100 Rev P1

Location : Western End of the Vinery Only

Extent : Carefully remove all glazing 50m² and store ready for re-use on completion of the works

30 Carefully Remove all timber glazing bars to the western end of the Vinery

Drawing Reference : BC2202.11-APP-XX-XX-DR-B-100 Rev P1

Location : Western end of Vinery

Extent : Carefully cut out vertical glazing bars full height (of varying lengths)

Disposal: off site

40 Carefully chop back 18no Vertical Window Bars

Drawing Reference : BC2202.11-APP-XX-XX-DR-B-100 Rev P1

Location : Front facing timber glazing bars

Extent : Chop back vertical timber glazing bars back to the first purlin to a height of approx 1.7m. Remaining timber to be spliced ready to receive new.

Disposal : Dispose off site

50 Carefully remove timber wall plate to the Western Elevation of the Vinery

Drawing Reference: BC2202.11-APP-XX-XX-DR-B-100 Rev P1

Location: Western end of the Vinery

Extent: Carefully chop out full timber wall plate and leave wall and adjacent timbers ready to receive new.

Disposal: Dispose off site

60 Carefully dismantle ready for re-use on completion the winding gear for the timber windows

Drawing Reference: BC2202.11-APP-XX-XX-DR-B-100 Rev P1

Location: In the Western end of the Vinery

Extent: Carefully dismantle parts to be removed and labelled up ready for re-use on completion of the works

70 Carefully dismantle and remove from site timber windows.

Drawing Reference: BC2202.11-APP-XX-XX-DR-B-100 Rev P1

Location: Western End of the Vinery

Extent: Carefully dismantle and remove from existing timber frame the top hung windows.

Disposal: Dispose off site

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80 Carefully Remove Timber Trellis

Drawing Reference : BC2202.11-APP-XX-XX-DR-B-100 Rev P1

Location Full length of the Vinery

Extent : Carefully remove timber trellis and wire what is used to support plants. Care to be taken not to damage any of the remaining plants.

Disposal : *Dispose off site*

90 Carefully remove lime wash render

Drawing Reference : BC2202.11-APP-XX-XX-DR-B-100 Rev P1

Location : Full length of the Vinery 31m x 4.8m

Extent Carefully hack off the wall all Lime was render and leave wall ready to receive new. Allow for pointing the full wall.

Disposal : *Dispose off site*

100 Carefully remove all vegetation growing out of the wall

Drawing Reference : BC2202.11-APP-XX-XX-DR-B-100 Rev P1

Location : *Full length of the Rear Wall*

Extent : Where any vegetation can be seen growing out of the walls to the vinery this is to be cut back and weed killer applied to kill any roots

Disposal : *Dispose off site*

110 Carefully remove coping stones and set aside for re-use

Drawing Reference : BC2202.11-APP-XX-XX-DR-B-100 Rev P1

Location : Full Length of Vinery wall 31m

Extent : Carefully lift off and store for re-use on completion of the works the coping stone at the top of the wall to the Vinery. All mortar to be chopped off and disposed of ready receive new.

120 Carefully remove top four course of brickwork

Drawing Reference : BC2202.11-APP-XX-XX-DR-B-100 Rev P1

Location : Full Length of Vinery wall 31m

Extent : Carefully remove top four courses of brickwork and save any bricks that have not spalled and store ready for re-use. Where new brickwork is require matched to existing.

Disposal : Store for re-use and *dispose off site*

130 Carefully rake out all mortar joints

Drawing Reference : BC2202.11-APP-XX-XX-DR-B-100 Rev P1

Location : Full elevation of Wall 31 x 4.8m including the boiler house (7.8 x 4m)

Extent : 31m x 4.8m the full length and height of the wall. To a minimum depth of 20mm.

Disposal : *Dispose off site*

140 Carefully remove sliding timber vents

Drawing Reference : BC2202.11-APP-XX-XX-DR-B-100 Rev P1

Location : All 18no Timber vents

Extent : Carefully remove the sliding timber vents covers, timber sliding rails and metal rods .

Disposal : *Dispose off site*

150 Carefully remove timber and metal guttering

Drawing Reference : BC2202.11-APP-XX-XX-DR-B-100 Rev P1

Location : *Full length of the front elevation (South Elevation) 31m.*

Extent: Carefully take down all guttering and down pipes to the front of the vinery.

Disposal : *Dispose off site*

160 Carefully remove vent cills

Drawing Reference : BC2202.11-APP-XX-XX-DR-B.100 Rev P1

Location : 18no as per drawing

Extent : Carefully remove timber vent cills and brickwork to be made ready to receive new. .

Disposal : *Dispose off site*

170 Carefully rub down all timber ready for new decoration

Drawing Reference : BC2202.11-APP-XX-XX-DR-B-100 Rev P1

Location : All timber including wall plates, glazing bars, purlins and supporting legs

Extent: Carefully rub down ready to receive new decoration. Removing all flakey paint. Fill all timber as required.

Total for page £

To be carried forward to Section 1 collection (page 6)

1.2 Proposed works.

180 Rebuild top four course of brickwork

Drawing Reference: BC2202.11-APP-XX-XX-DR-B-120 Rev P1

Location: Vinery Wall As per drawing

Extent: Rebuild four courses of brickwork using existing bricks with NHL 2.5 Lime mortar. Allow for 10% of new bricks to replace spalled brickwork. Joint profile to match existing.

190 Re-install coping stone

Drawing Reference: BC2202.11-APP-XX-XX-DR-B-120 Rev P1

Location: Vinery Wall As per drawing

Extent: Relay existing coping stones, bedded on NHL 2.5 Lime mortar. Allow 10% for replacement to match existing.

200 Re-point external wall

Drawing Reference: BC2202.11-APP-XX-XX-DR-B-120 Rev P1

Location: Vinery Wall and boiler house as per drawing wall measures 31m x 4.8m and boiler house measures 4 x 7.8 x 3.6m

Extent: Relay existing coping stones, bedded on NHL 2.5 Lime mortar. Joint profile to match existing

210 Apply lime wash render

Drawing Reference: BC2202.11-APP-XX-XX-DR-B-120 Rev P1

Location: Internal wall of all three Vinery's approx 149m².

Extent: Apply a 90 day curing hydraulic Lime Render

Manufacturer: Conserv Ltd or equal and approved available from www.lime-mortars.co.uk

Thickness to match existing approx. 15mm. To be applied in 3 coats including scratch coat, and float coat.

220 Install 18no glazing bars

Drawing Reference: BC2202.11-APP-XX-XX-DR-B-120 Rev P1

Type: Hardwood Timber

Profile: As existing approx. dimensions 70mm x 80mm.

Extent: 18no upto the first purlin at a length of approximately 1.7m

230 Install 2no timber support

Drawing Reference: BC2202.11-APP-XX-XX-DR-B-120 Rev P1

Type: Hardwood Timber

Profile: As existing approx. dimensions 90mm x 80mm.

Extent: 2no. to be spliced to existing 1m above ffl

240 Install 18no timber vent cills

Drawing Reference: BC2202.11-APP-XX-XX-DR-B-120 Rev P1

Type: Hardwood Timber

Profile: As existing approx. dimensions 770 x 200 x 65mm.

Extent: to all vent cills

250 Install 18no timber shutters

Drawing Reference: BC2202.11-APP-XX-XX-DR-B-120 Rev P1

Type: Hardwood Timber

Location: low level to the front of the vinery

Extent: Supply and install 18no timber shutters sat in 2no hardwood timber runners and metal actuating rod for use.

260 Install 6no single glazed timber windows

Drawing Reference: BC2202.11-APP-XX-XX-DR-B-120 Rev P1

Type: Hardwood Timber

Profile: As existing approx. dimensions 1.7m x 500mm

Extent: Top hung as existing

270 Install timber window winding gear

Drawing Reference: BC2202.11-APP-XX-XX-DR-B-120 Rev P1

Location: to back wall of the vinery connecting to the windows above

Extent: Carry out repairs and servicing as required including stripping down, decorating and re-greasing and installation in working order on completion.

280 Install Timber Wall Plate

Drawing Reference: BC2202.11-APP-XX-XX-DR-B-120 Rev P1

Type: Hardwood Timber

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Profile: As existing approx. dimensions 4.9m x 150mm x 75mm
Extent: As existing

290 Install timber guttering and square timber down pipes

Drawing Reference: BC2202.11-APP-XX-XX-DR-B-120 Rev P1

Type: Hardwood Timber

Profile: 130mm x 65mm U-shaped

Extent: 31m. Downpipes to be stepped into the gutter below and the final gutter to discharge on the path adjacent.
Final down pipe to have a shoe on the bottom. To be decorated on completion

300 Re-glaze western end of vinery

Drawing Reference: BC2202.11-APP-XX-XX-DR-B-120 Rev P1

Location: Western End of the Vinery.

Extent: Re-install glazing and allow for 10% new glazing to match existing. Glass to be held in place by a natural lineseed putty. Putty to be allowed to cure (2 months) before being decorated. When decorated paint is to extended 1mm passed the edge of the putty on to the glass to provide a water proof seal to stop water freezing behind the putty.

310 Decorate all timber

Drawing Reference: BC2202.11-APP-XX-XX-DR-B-120 Rev P1

Location: All timbers to the Western end of the Vinery, new vent covers, new guttering and fall pipes and boiler house windows and door.

Extent: Rub down and remove all defective paint. Prime undercoat and gloss all timbers as per manufacturers instructions

System: All Coat Exterior Gloss or equal and approved.

Manufacturer: Zinsser Ltd

Total for page £

To be carried forward to Section 1 collection (page 6)

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Population (millions)	7.7	7.9	8.1	8.3	8.5	8.7	8.9	9.1	9.3	9.5	9.7	9.9	10.1	10.3	10.5	10.7	10.9	11.1	11.3	11.5	11.7
GDP (trillion USD)	17.0	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0
Life expectancy (years)	74.7	75.0	75.3	75.6	75.9	76.2	76.5	76.8	77.1	77.4	77.7	78.0	78.3	78.6	78.9	79.2	79.5	79.8	80.1	80.4	80.7
Urban population (%)	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0	72.0	73.0	74.0	75.0
Renewable energy (%)	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0
CO2 emissions (Gt)	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
Forest cover (%)	21.0	20.5	20.0	19.5	19.0	18.5	18.0	17.5	17.0	16.5	16.0	15.5	15.0	14.5	14.0	13.5	13.0	12.5	12.0	11.5	11.0
Healthcare expenditure (%)	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8	8.0	8.2	8.4	8.6	8.8	9.0
Internet usage (%)	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0	100.0	100.0	100.0
Gender inequality index	0.72	0.71	0.70	0.69	0.68	0.67	0.66	0.65	0.64	0.63	0.62	0.61	0.60	0.59	0.58	0.57	0.56	0.55	0.54	0.53	0.52
Human Development Index	0.70	0.71	0.72	0.73	0.74	0.75	0.76	0.77	0.78	0.79	0.80	0.81	0.82	0.83	0.84	0.85	0.86	0.87	0.88	0.89	0.90
Renewable energy investment (billion USD)	0.5	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2	5.6	6.0	6.4	6.8	7.2	7.6	8.0	8.4
CO2 emissions per capita (kg)	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
Forest cover loss (million ha)	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
Healthcare expenditure per capita (USD)	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300
Internet usage per capita (hours)	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0
Gender inequality index	0.72	0.71	0.70	0.69	0.68	0.67	0.66	0.65	0.64	0.63	0.62	0.61	0.60	0.59	0.58	0.57	0.56	0.55	0.54	0.53	0.52
Human Development Index	0.70	0.71	0.72	0.73	0.74	0.75	0.76	0.77	0.78	0.79	0.80	0.81									

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Total for page £			
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BC2202.11 – Vinery Timber Repairs		Cannon Hall	