

**GLASSHOUSES: FITTINGS – OPENING MECHANISM AND BRACKETS**

**GH1-8**



**Description:**

- Roof timbers, metal struts, ornamental brackets and roof light opening mechanism (GH1)
- Winding handle and ratchet for roof lights (GH1)
- Gable end and south-facing timbers, lower light casement and hinge (GH4)
- Lower lights, brackets, sill and pipework (GH4)

For Significance, Issues and Policies – see Glasshouses section

**GLASSHOUSES: FITTINGS – OPENING MECHNISM, TRAINERS, BRACKETS**

**GH1-8**



**Description:**

- Lower light opening mechanism (GH2, 3, 4)
- Peach tree training arches and lower light opening mechanism? (GH5 and 6)
- Roof timbers and ornamental brackets at a junction (GH5 and 6?)
- Training support (GH5 and 6)

For Significance, Issues and Policies – see Glasshouses section

**GLASSHOUSES: FITTINGS - HEATING PIPEWORK**

**GH1-8**



**Description:**

- Heating pipes with humidifying trays (GH4)
- Detail of above (GH4)
- Heating pipes and staging brackets in foreground (GH7)
- Heating pipe from boiler in cellar (GH3?)

For Significance, Issues and Policies – see Glasshouses section



## GLASSHOUSES: CELLARS & BOILERS

GH9 and 10



### Description:

The boilers are situated in the cellars under the back-sheds, the support buildings at the rear of the glasshouses. Historical maps show that glasshouses covering only the western half of the range in 1875, but the full existing length by 1899. This may explain why there are two boilers, not one.

- Boiler in re-pointed brick cellar below artefacts storeroom (rear GH7 and 8)
- Boiler in re-pointed brick cellar below classroom (rear of GH2 and 3)
- Inlet and outlet pipes from cellar into GH7 and 8?
- Pipe from cellar into GH2 and 3?

**Significance:**

- The glasshouses are the central feature of the walled garden, and were a highly productive, working environment. Most historically significant feature of the garden because not rebuilt/restored. The cellars and boilers are important in understanding the purpose and scope of the garden. Considered to be of strong local significance

**Issues:**

- Condition derelict
- Public safety, access currently not possible
- Sustainable energy source required

**Policies:**

- To re-develop the glasshouses in a way that exemplifies sustainability in terms of building design and energy consumption using the specific microclimate benefits created by a south-facing range of buildings and a walled space, such as solar power and/or ground-source heat pumps
- For educational purposes, improve access and interpretation so that at least one boiler is retained and a cellar can be visited, which may be a unique offering with reference to the other walled gardens in the area

## GLASSHOUSES: BACK-SHEDS

GH11



### Description:

- The support buildings at the rear of the glasshouses are referred to as the 'back-sheds'. Historical maps show that like the glasshouses they were located on the central portion of their current length in 1875, but they were extended to the end of the new glasshouses in 1899.
- After 50 years of dereliction they were completely re-built in 2000 on the original footprint, except for the back wall which is shared with the glasshouses and was mostly re-pointed. They are brick and slate construction with timber floors, except for 'the bothy' (gardener's living accommodation) which is concrete.
- The two integral passageways between the yard and the Kitchen Garden were retained. The fireplace in the bothy remains, since this is on the back wall. The fittings and tiles of 'the privy' have also been re-instated.
- The westernmost shed was in two sections, one half brick, the other timber. An entirely brick building, matching the others, was erected on the site of this in 2000.

**Significance:**

- The glasshouses are the central feature of the walled garden, and were a highly productive, working environment. The back-sheds are important in understanding how this was achieved, and the purpose and scope of the garden. Considered to be of medium local significance

**Issues:**

- Condition fair; completely re-built but require protection of south wall to be fully functioning
- Public use; currently fitted out to a minimum usable standard
- Shortage of covered, usable space
- Sustainable energy source required

**Policies:**

- To re-develop the backsheds as integral part of the glasshouses (as they were), in a way that exemplifies sustainability in terms of building design and energy consumption using the specific microclimate benefits created by a south-facing range of buildings and a walled space, such as solar power and/or ground-source heat pumps
- To re-configure and fit out as spaces which can be used for education and community purposes, whilst retaining some features of their last uses, see below
- For educational purposes, retain the privy, bothy and gardener's office and improve interpretation; an understanding of glasshouses as a working environment may again be a unique offering in comparison with the other walled gardens in the area
- Due to the lack of covered space in the garden the back-sheds also need to fulfil the functions of storage and office spaces