6.0 GLENTHORNE FARM

6.1 Description of Glenthorne Farm/Campus

Glenthorne Campus is based on the former Glenthorne Farm, later the CSIRO property and is essentially rural agricultural setting which retains buildings from all periods of its development and use including:

- 1840s and 1850s stone farm buildings and ruins from the time it belonged to Captain Thomas Shuldham O'Halloran, the first settler on the site, who was granted the first two Sections of the land in 1839 and further Sections by 1847. The remnants of these buildings form an important historic grouping at the centre of the existing Glenthorne buildings.
- Buildings from the period of use as a Commonwealth Army Remount Depot and Ammunitions Store from 1912 until 1940
- Buildings from the period of use as a field station for the CSIRO from 1946 until the 1990s. It should be noted that there has been no comprehensive analysis of the CSIRO buildings on site to determine if any are appropriate for retention due to their heritage value.

The buildings which reflect these periods of use are concentrated in the central section of the site with the ammunitions stores some distance to the south.

There are also other significant elements which require some consideration. These include:

- The well to the west of the early underground tank - this is currently covered with rotting red gum planks and could become a safety hazard if not secured carefully.
- The early enlisted men's shed associated with their residential buildings which are now removed - this is another element from the Commonwealth Army period of use and should be investigated further. It is a small corrugated iron timber framed structure to the west of the CSIRO buildings.

In May 2001 ownership of the property was formally transferred to the University of Adelaide by the South Australian Government. The farm/campus is now bounded by South Road to the east and the Southern Expressway to the west. The site is currently managed by Martindale Holdings, and grazing and cropping continues on a reduced scale. These activities are managed by a resident caretaker on site.

The Flinders University Archaeology Department has used the site as a case study and practical excavation area for students. A report is in the process of completion and copies will be provided when available. This use raises questions of access and publicity which will need to be addressed if further investigations are to be undertaken. (Contact person at Flinders is Ms Pam Smith, phone 8201 5257, email pamela.smith@flinders.edu.au)

It is recommended that a Management Strategy for the whole of the campus be developed with a specific section on the management and conservation of the early building precinct.
LOCATION OF LISTED BUILDINGS FROM EARLIEST PERIOD OF USE
[Extract from Bell 1997]
6.2 Coach House

Western view of Coach House

Northern view of Coach House
6.2.1 Building Information

**Name:** Coach House (Barn, Granary & Coach House)

**Location:** First historic building along main road into site, off Majors Road, O'Halloran Hill

**Date of Construction:** circa 1850

**Description:** A three level random stone structure partially excavated into the side of the hill with an upper attic level which is accessible externally. The shingle roof still remains under the later corrugated iron roofing. Internally the floors of the middle level are of wide board straight edged flooring. There is a fireplace (now filled in), double doors to the southern side and a single door to the north. The western side has a single level skillion section used as stables which also provides access to the lower cellar level. The lower level floor has irregular slate flags and random stone walls.

**Heritage Status:** State Heritage Register, as part of Glenthorne Farm Complex.

**Summary Statement of Heritage Value:** A remaining element of the farm established by T S O'Halloran from the 1840s onwards.

**Current Use and Occupants:** Unused
6.2.2 Reports and Studies

Copies of these reports are held by Campus Development

- **Heritage Study of Glenthorne CSIRO Field Station prepared by Peter Bell, Historical Research Pty Ltd, April 1997**
  This report provides a history and analysis of the whole of the site and all historic elements.

- **Archaeological Study by Department of Archaeology, Flinders University**
  Archaeological Field Survey 16 - Glenthorne Farm, March 2004

6.2.3 University Obligations

**Stakeholders:**
- Marion Council, community groups including Urban Forests group (which has planted trees along the north-south watercourse)
- Friends of Glenthorne Farm (whose aim is to keep the land open and undeveloped for community use).

6.2.4 Future Management Strategies

**Guidelines for retention of heritage value:**

The early age of this building requires that its construction materials are appropriately maintained and any repairs should continue to use similar materials and processes. This building and the other early stone structures on the site should be stabilised and retained to ensure their ongoing physical integrity. All existing elements should be retained and no conjectural reconstruction undertaken.

**Additional documentation required:**

This building and the other 1840s and 50s heritage listed structures within the historic precinct of the Glenthorne Farm Complex should be carefully assessed and appropriate specifications prepared for any conservation and repair work.

**Approvals process and requirements:**

This building is listed on the State Heritage Register and any works to the building or its immediate surrounds will require development approval from the Heritage Branch of the Department of Environment and Heritage.

**Heritage Advisory Services required:**

Assistance from an experienced and competent stonemason will be necessary for any replacement of mortar and stonework.

**Adaptation parameters:**

The coach house has the capacity for adaptation to a range of new uses. All adaptation should retain the simplicity of form and detail, reflecting its early date of construction.
6.3 Smokehouse

View from west into structure

View from south east, with coach house behind
6.3.1 Building Information

**Name:** Smokehouse (presumed use)

**Location:** South east of Coach House, off Majors Road, O'Halloran Hill

**Date of Construction:** circa 1850

**Description:** The smokehouse was a long narrow stone building, approximately 10 metres x 5 metres, divided into two internal spaces, one long and narrow, the other small and square. The building has two false chimneys in brick, one of which is obscured by substantial ivy growth. These chimneys have no flues, and were presumably purely decorative. The walls of the smokehouse retain some evidence of early limewash and finishing over the random rubble stone walls.

**Heritage Status:** State Heritage Register as part of Glenthorne Farm Complex.

**Summary Statement of Heritage Value:** A remaining element of the farm established by T S O'Halloran from the 1840s onwards.

**Current Use and Occupants:** Unused

6.3.2 Reports and Studies

As for Coach House

6.3.3 University Obligations

**Stakeholders:**

As for Coach House
6.3.4 Future Management Strategies

Guidelines for retention of heritage value:
The current building fabric should be stabilised and maintained in order that its heritage value can be interpreted. There should be no conjectural reconstruction, but the form and dimensions of the building should be clearly visible.

Additional documentation required:
This building and the other 1840s and 50s heritage listed structures within the historic precinct of the Glenthorne Farm Complex should be carefully assessed and appropriate specifications prepared for any conservation and repair work as part of the overall heritage management strategy for the Glenthorne Farm Complex. A clear dilapidation schedule and a specification for removal of the ivy and a system of stone stabilisation should be prepared for this building.

Approvals process and requirements:
This building is listed on the State Heritage Register and any works to the building or its immediate surrounds will require development approval from the Heritage Branch of the Department of Environment and Heritage.

Heritage Advisory Services required:
Assistance from an experienced and competent stonemason will be necessary for any replacement of mortar and stonework.

Adaptation parameters:
The smokehouse has no potential for adaptation to other uses.
6.4 Underground Tank

6.4.1 Building Information

**Name:** Underground Tank

**Location:** South of Coach House, off Majors Road, O'Halloran Hill

**Date of Construction:** circa 1850

**Description:** The underground tank is a semi-excavated rectangular stone lined tank (5 metres x 4 metres) with a corrugated iron roof and pointed window in its eastern stone gable end. The ornamental barge boards and decorative paint colour scheme noted in earlier assessments (Bell, 2000) have deteriorated substantially.

**Heritage Status:** State Heritage Register as part of Glenthorne Farm Complex

**Summary Statement of Heritage Value:** A remaining element of the farm established by T S O'Halloran from the 1840s onwards.

**Current Use and Occupants:** Unused
6.4.2 Reports and Studies
As for Coach House

6.4.3 University Obligations

**Stakeholders:**
As for Coach House

6.4.4 Future Management Strategies

*Guidelines for retention of heritage value:*
This small purpose built structure requires further physical analysis and retention of all its early elements and materials. No conjectural reconstruction of elements should be undertaken without full analysis. This small underground tank should be conserved as part of the overall Glenthorne Farm Historic Complex.

*Additional documentation required:*
A dilapidation schedule and conservation techniques for the small structure should be written as part of the overall heritage management strategy for the Glenthorne Farm Complex.

*Approvals process and requirements:*
This building is listed on the State Heritage Register and any works to the building or its immediate surrounds will require development approval from the Heritage Branch of the Department of Environment and Heritage.

*Heritage Advisory Services required:*
If this tank is to be refilled, some advice will be required as to the re-lining the stone to reinstate its water-tightness.

*Adaptation parameters:*
Nil

Well - situated to the west of the underground tank
6.5 Cellar

6.5.1 Building Information

Name: Cellar (also known as Cool House)

Location: South of Coach House, off Majors Road, O’Halloran Hill

Date of Construction: circa 1850
**Description:** This is a semi-excavated stone room which was attached to the west side of the former residential buildings (probably Servant's Quarters). It has a gable ended roof form and the eastern end gable is visible, western end to full wall height. It sits above ground level and the interior of the cellar is accessible from this west side. The ruins of the servant's quarters and homestead have been investigated by Flinders University Archaeological Students and evidence of the placement of verandah posts have been uncovered by archaeological investigation.

**Heritage Status:** State Heritage Register as part of Glenthorne Farm Complex (Item no. 16899).

**Summary Statement of Heritage Value:** A remaining element of the farm established by T S O'Halloran from the 1840s onwards.

**Current Use and Occupants:** Unused

6.5.2 Reports and Studies
As for Coach House

6.5.3 University Obligations
**Stakeholders:**
As for Coach House

6.5.4 Future Management Strategies

**Guidelines for retention of heritage value:**
The early materials and methods used for the construction of this cellar should be analysed and any works undertaken follow that same process. The association of the cellar with the site of the residential buildings to the east should be retained and the semi-excavated topography also retained.

**Additional documentation required:**
Specifications for the stabilisation of the walls and roof structure of this building should be prepared as part of the overall heritage management strategy for the Glenthorne Farm Complex.

**Approvals process and requirements:**
This building is listed on the State Heritage Register and any works to the building or its immediate surrounds will require development approval from the Heritage Branch of the Department of Environment and Heritage.

**Heritage Advisory Services required:**
Assistance from a landscape architect to advise on removal of branches of the trees as required.

**Adaptation parameters:**
It is unlikely that this building could be adapted for alternative use. It should remain as an example of an 1850s semi-excavated cellar structure.
6.6 Munitions Magazines
6.6.1 Building Information

**Name:** Munitions or Artillery Magazines

**Location:** South (approx 1 kilometre) of Coach House, off Majors Road, O'Halloran Hill

**Date of Construction:** 1913

**Description:** The current external walls of the munitions magazines are constructed from broad fluted galvanised iron. These replaced the earlier hipped iron roofs and verandahs of the 1913 structures and were part of the conversion of the magazines to storage sheds by the CSIRO in the 1950s. The early brick chambers, which were originally sheltered by an encircling open verandah, retain their insulated ceiling and high windows with solid metal shutters. The more recent external walls are offset about 3 to 4 metres indicating the original width of the verandahs around the magazines.

**Heritage Status:** State Heritage Register as part of Glenthorne Farm Complex.

**Summary Statement of Heritage Value:** These buildings are a significant remnant of the use of the site as a Commonwealth Army Depot from 1913 until the 1940s.

**Current Use and Occupants:** Unused.

6.5.2 Reports and Studies

As for Coach House

6.5.3 University Obligations

**Stakeholders:**

As for Coach House

6.6.4 Future Management Strategies

**Guidelines for retention of heritage value:**

Any work to these buildings should retain the industrial and military intent of their design, and allow for interpretation of their original use. There is a need to retain a sense of separation between the big chambers and the external walls. In the long term it could be appropriate to reinstate the verandah form if an appropriate use is found for the buildings. All painted graffiti should be removed, particularly from the original concrete plinths.

**Additional documentation required:**

If the original verandah structures are to be reinstated, appropriate drawings and specifications will be required and should be prepared as part of the overall heritage management strategy for the Glenthorne Farm Complex.

**Approvals process and requirements:**

This building is listed on the State Heritage Register and any works to the building or its immediate surrounds will require development approval from the Heritage Branch of the Department of Environment and Heritage.

**Heritage Advisory Services required:**

Any reinstatement of original elements such as the verandahs will require supervision by a conservation architect.

**Adaptation parameters:**

Any new use should retain evidence of the original military function of the building.
Entrance doors

Internal views