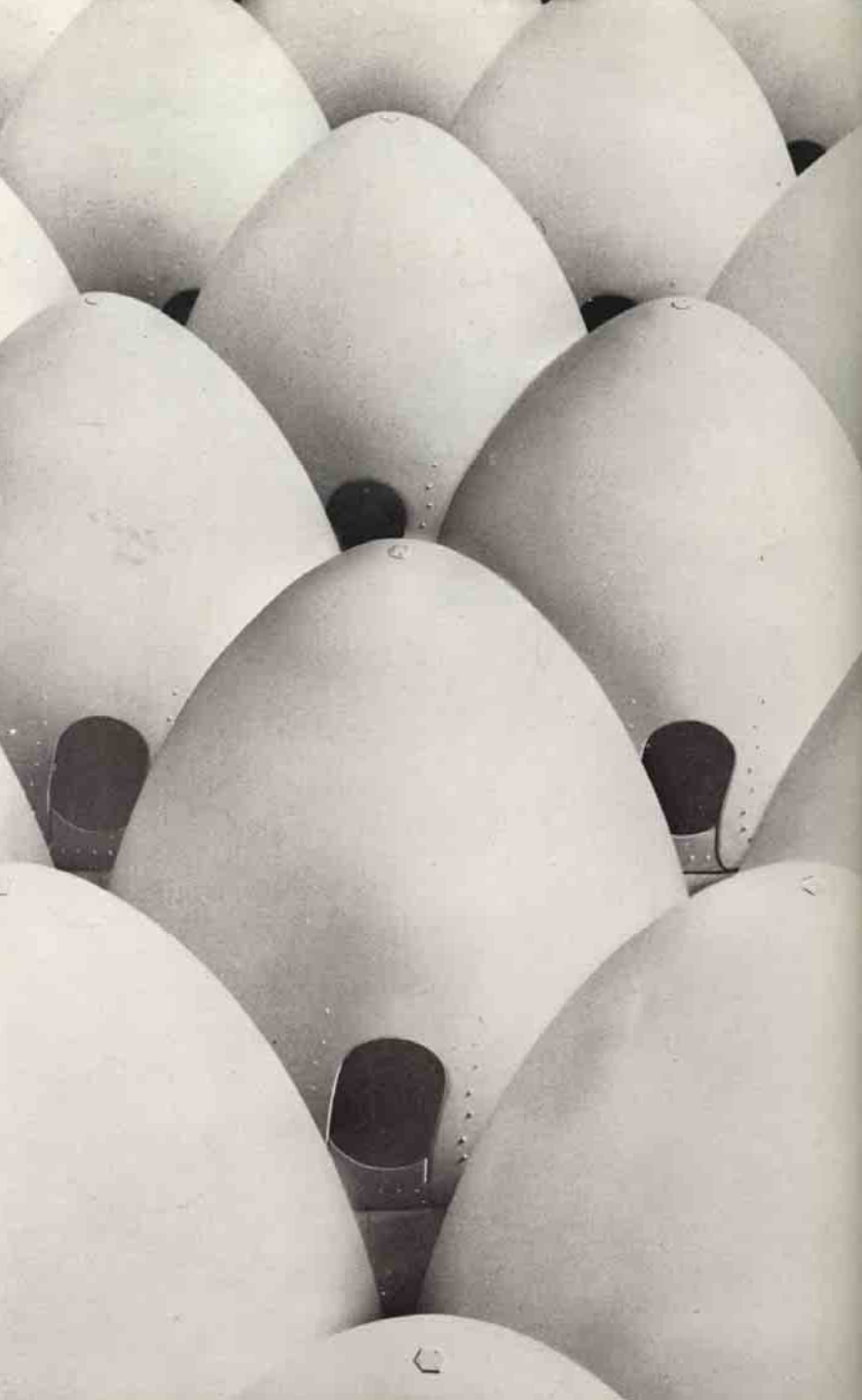


The War at Home: identification of war sites in NSW

A thematic study of
sites used to
prosecute

World Wars 1 & 2
within Australia

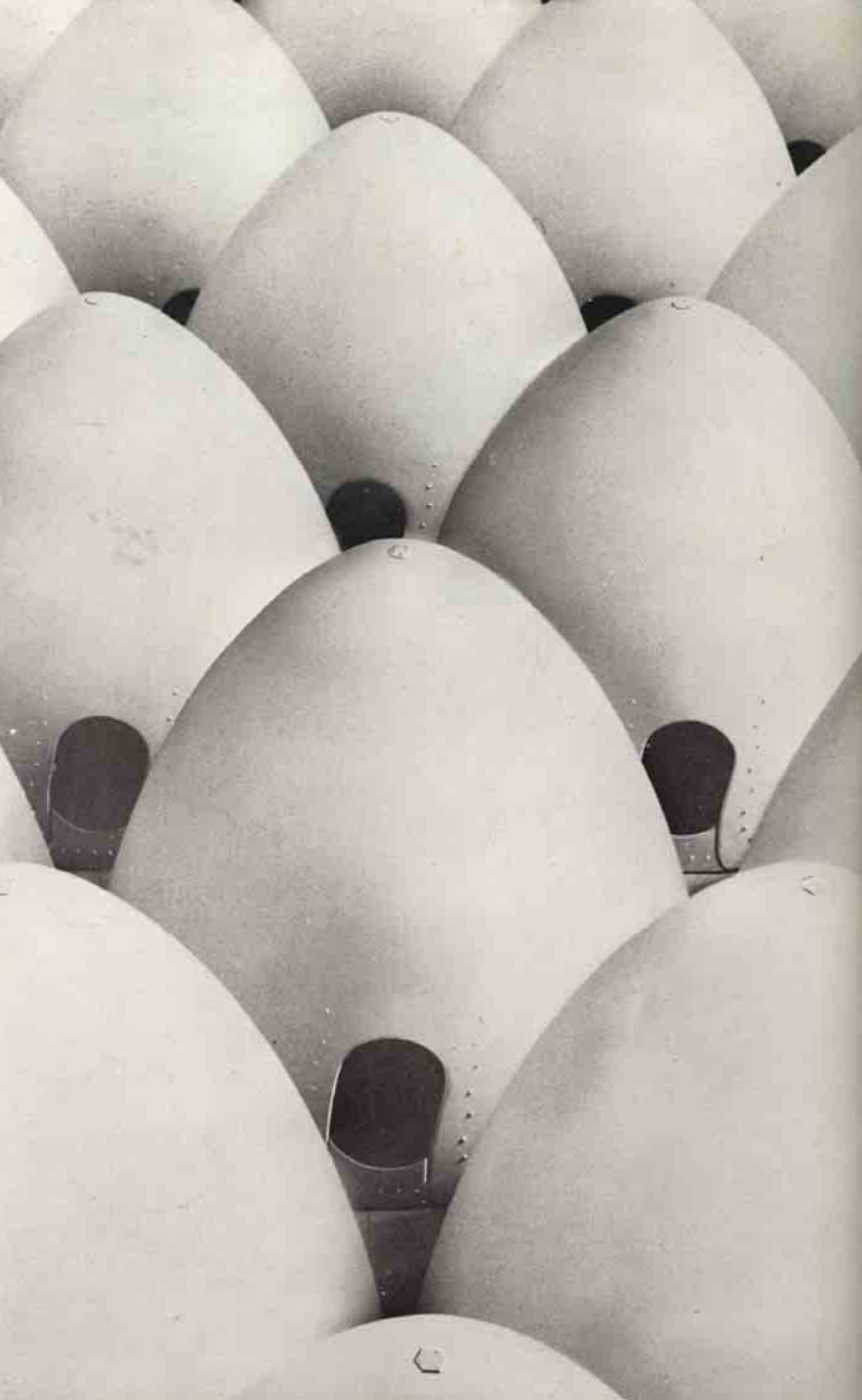


World Wars 1 & 2

Survey of Buildings, Sites & Cultural Landscapes in NSW

A project part-funded by
the NSW Heritage Office
2004-2006

Robertson & Hindmarsh Pty Ltd
Team: Scott Robertson, Noni Boyd &
Terry Kass



Part 1

Methods and Themes



Method

Documentary research

+

Thematic History

+

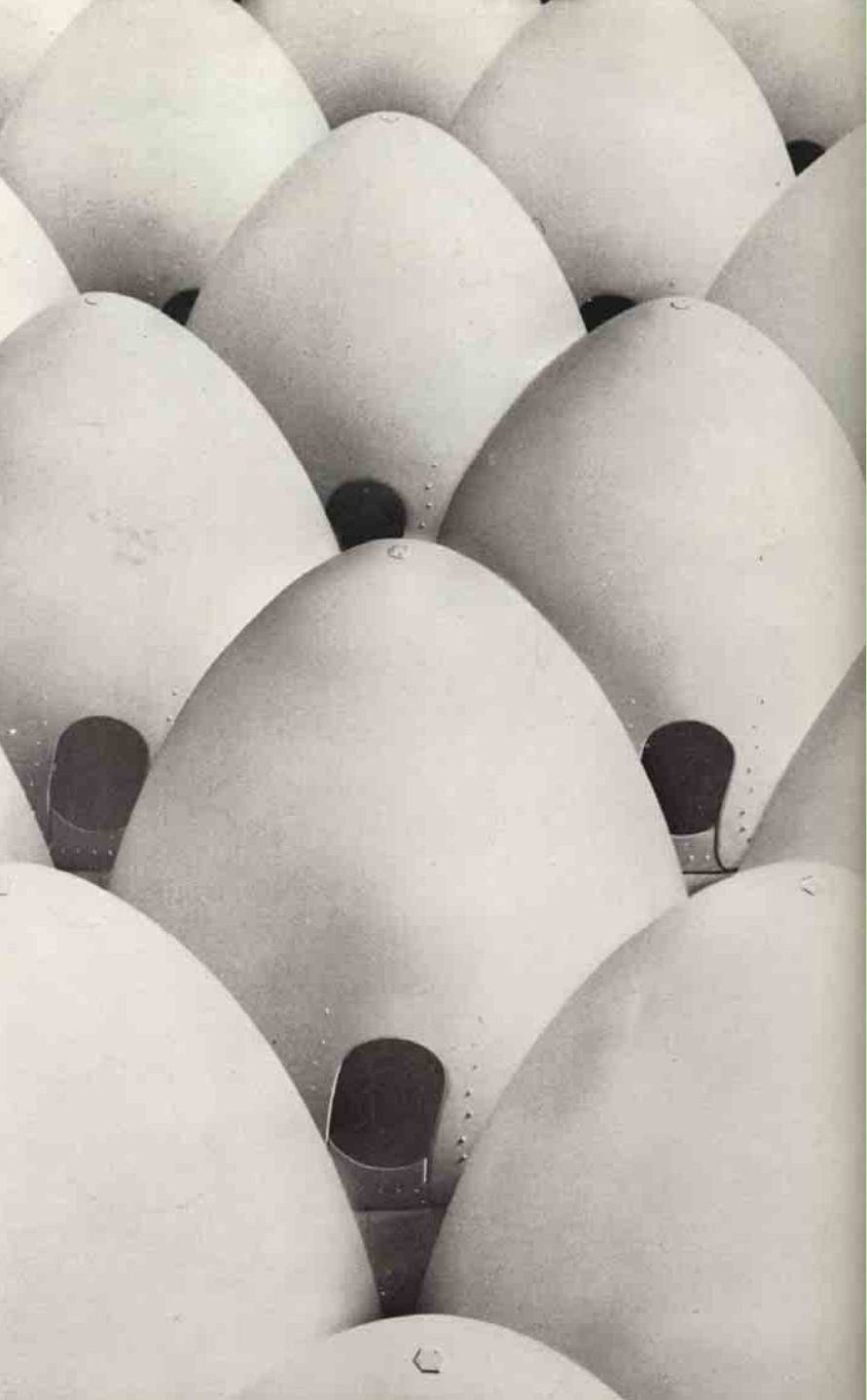
Field Surveys

=

Gazetteer

distilled into

State Heritage Register
listings



Documentary Research

National Archives of Australia (NAA)

Individual files

Department of the Interior Plan Register

Australian War Memorial (AWM)

especially the photographs on line

Histories of Government Organisations

Business Archives

Histories of Private Companies

e.g. Lysaghts

Heritage Studies (by LGA)

RTA Aerial photographs 1943

Australia @ War web site



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in
NSW

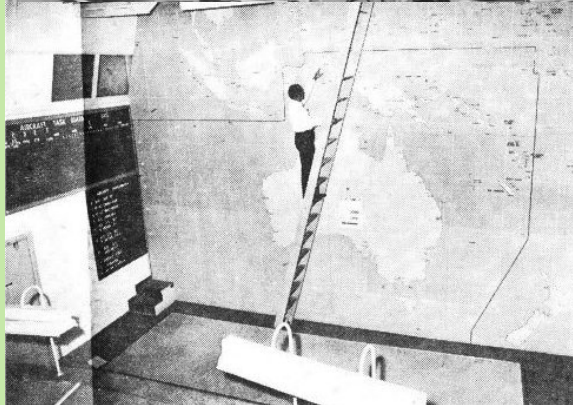
Australian-designed and built radar
Coastal Defence radar
Dover Heights, Sydney



Manufacturing Australian-designed
Owen sub-machine gun



Fighter Sector Headquarters
Bankstown, Sydney



Thematic History

Going it Alone -
Changing Imperial Relations

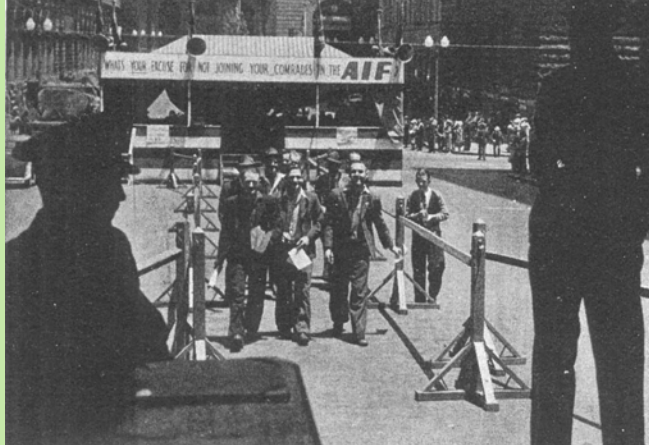
Shifting the Technology of
War

Directing the War



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in
NSW

Recruiting for volunteers in AIF
Martin Place, Sydney



Thematic History

Recruiting for War

Empire Air Training Scheme
air base, Temora, NSW
world's largest number of
Tiger Moths in one photo



Training for War

Construction of Fort Drummond
Wollongong, NSW



Constructing Defence
Works



World Wars 1 & 2
Survey of
Buildings,
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Landscapes in
NSW

Australian-built Anderson Shelter



Manufacturing steel helmets



www.awm.gov.au

012674

Sewage treatment septic tank
Rathmines flying boat base, NSW



Thematic History

Organising Civil Defence

Manufacturing War Materiel

Providing Infrastructure



World Wars 1 & 2
Survey of
Buildings,
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Landscapes in
NSW

Stores buildings for
USASOS
Regents Park, Sydney

Christmas Card from
World War 1 German
Concentration Camp
Liverpool

World War 1 hospital
Georges Heights,
Mosman



Thematic History

Providing for Allied
Military Forces

Managing Enemy
Aliens & POWs

Caring for the Injured
& Ill

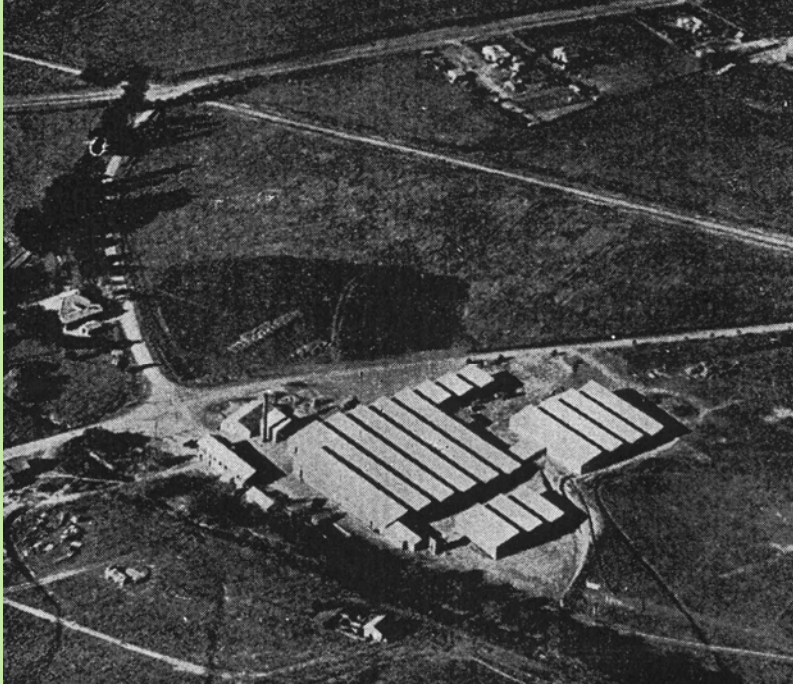


World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in
NSW

Fund-raising in Martin Place,
Sydney



Food canning factory
Bathurst, NSW



Army theatre Liverpool
Sydney



Thematic History

Providing for Allied
Military Forces

Producing &
Consuming Food

Entertaining the
Troops



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in
NSW

Commonwealth War Graves
Rookwood Cemetery, Sydney



Thematic History

Remembering the
Fallen

AWAS Searchlight crews
Wagga Wagga, NSW



Changing Gender
Roles

Permanent workers housing
St Marys Munitions factory
St Marys, Sydney



Housing War Workers
& Ex-soldiers



Japanese Midget Submarine
Sydney Harbour
by Margaret Preston



Thematic History

Recording the War

Part 2

Gazetteer / Database



Breakwater Battery Observation Post



World Wars 1 & 2
Survey
Buildings,
Sites & Cultural
Landscapes



Gazetteer

Over 1100 sites identified from documentary sources and site surveys

Database less detailed than SHI/SHR forms -
Intended for analysis

From this list eight groups of sites were selected and SHR nominations prepared

Copy of Gazetteer as a Filemaker Pro database provided to Heritage Office

Moruya air base semi-underground transmitter station



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in

Part 3

Site types



Gun emplacement, Fort Tomaree, Port Stephens



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in

Coastal defence - defended ports



Torpedo tube pedestal, Port Stephens

Port Stephens

World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



One of the Surf Batteries, Fort Tomaree, Port Stephens

Port Stephens



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



Infantry (Lower) Camp, Fort Tomaree, Port Stephens

Port Stephens



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



North Fort, North Head, Manly

Sydney Harbour



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



**Former School of Artillery (originally North Fort barracks),
North Head, Manly**

Sydney Harbour



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



Searchlight battery bunker, Hornby Battery, South Head

Sydney Harbour



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



Left: Battery Command Post, Obelisk Battery, Mosman

Right: Gun emplacement, Obelisk Battery, Mosman



Sydney Harbour



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



Kembla Fortress Group

SHR

Breakwater Battery

Illowra Battery (update existing)

Fort Drummond

Potential SHR

Above Ground Air Raid Shelter

Kemblawarra Anti-tank ditch

Port Kembla



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



Breakwater Battery, Port Kembla
including machine gun nests on beach and
relocated anti-tank obstacles



Port Kembla



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



Illowra Battery, Port Kembla
 built into Hill 60
 Currently listed for its
 significance to the
 local Aboriginal
 community

Port Kembla



World Wars 1 & 2
 Survey of
 Buildings,
 Sites & Cultural
 Landscapes in



Evans Head

Above: Machine gun post, former RAAF Base, Evans Head

Right & below: Machine gun post, Port Kembla

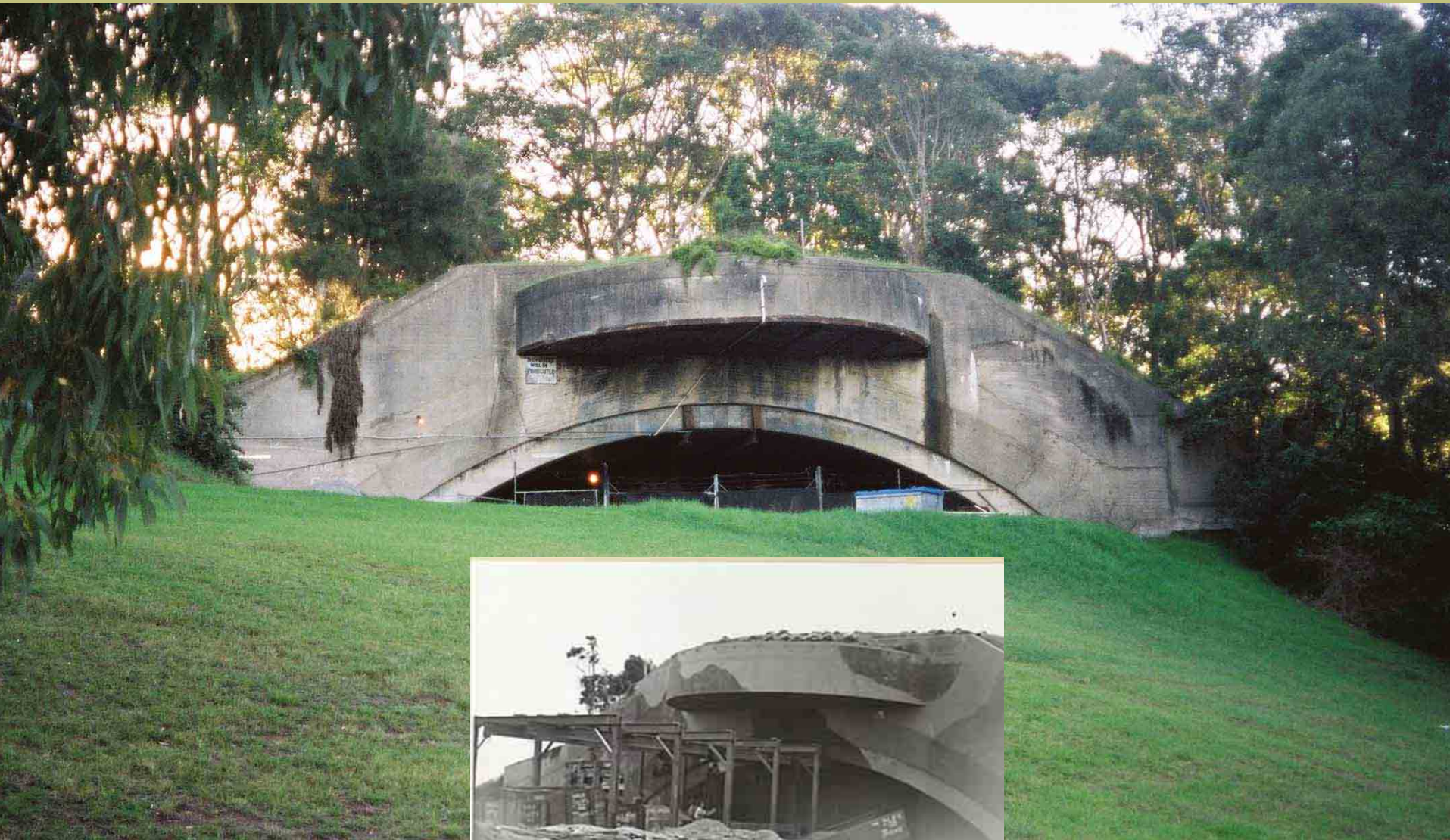


Port Kembla



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in

Fort Drummond, Wollongong



Port Kembla/Wollongong



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



Hawkesbury River

**Former anti-aircraft gun emplacement, Brooklyn, Hawkesbury River
Protecting Hawkesbury River railway bridge and the anti-submarine boom which
stretched from Brooklyn to Wobbys Beach via Dangar Island**



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



Radar Station, Catherine Hill Bay, transmission bunker

Hunter Valley



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



Above: Anti-ship battery, Coffs Harbour

**Right: Former Operations Room former RAAF base,
Coffs Harbour Airport
now used as Cartoon Gallery**



Coffs Harbour



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



**Anti-landing beach
defences:
concrete
tetrahedra and
barbed wire
Painting by
Margaret
Preston**



Above & upper right: Concrete tetrahedra portion of former anti-tank barrier, Smiths Lake

Right: Concrete tetrahedra portion of former anti-tank barrier, Ebor



Inland defences



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in

Operational air bases



**Bankstown
Aerodrome
Network:**

**Bankstown Aerodrome (former
RAAF base & De Havilland and
Clyde Engineering factories)**

No. 1 Fighter Sector HQ



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



**One of the Bellman hangars
at Bankstown Aerodrome**



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



**One of the Royal Navy B1 hangars
at Bankstown Aerodrome**





**The two Singapore hangars
at Bankstown Aerodrome**



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



**The Bankstown Air Force Base headquarters building
and the sub-station
at Bankstown Aerodrome**



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



**The former Clyde Engineering aircraft factory
at Bankstown Aerodrome**



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



**No. 1 Fighter Sector Headquarters bunker
near Bankstown Aerodrome**



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



Semi-underground Operations Room, Moruya; used as indoor rifle range





**Semi-underground Wireless transmission
bunker, Moruya**





**Roof of semi-underground
Wireless transmission bunker,
Moruya showing holes for the
entry of cables from the
transmission masts**





Above: Oil tanks, Tocomwal

**Right: Disused hangars (120x55m),
Tocomwal**

**Below: Former Tocomwal Igloo
now relocated to orchard in Victoria**



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



**Above: Sportvia Hangar (120x55m),
Tocumwal
(proposal for SHR listing)**

**Right: Interior of Sportvia Hangar,
Tocumwal**



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



Above: Recreation Hall, Rathmines

Right: Former Sergeants Mess, Rathmines

Below: RAAF huts relocated into shell of former flying boat hangar, Rathmines



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



**Torpedo storage bunker, Base Torpedo Unit,
BTU Road, Nowra**

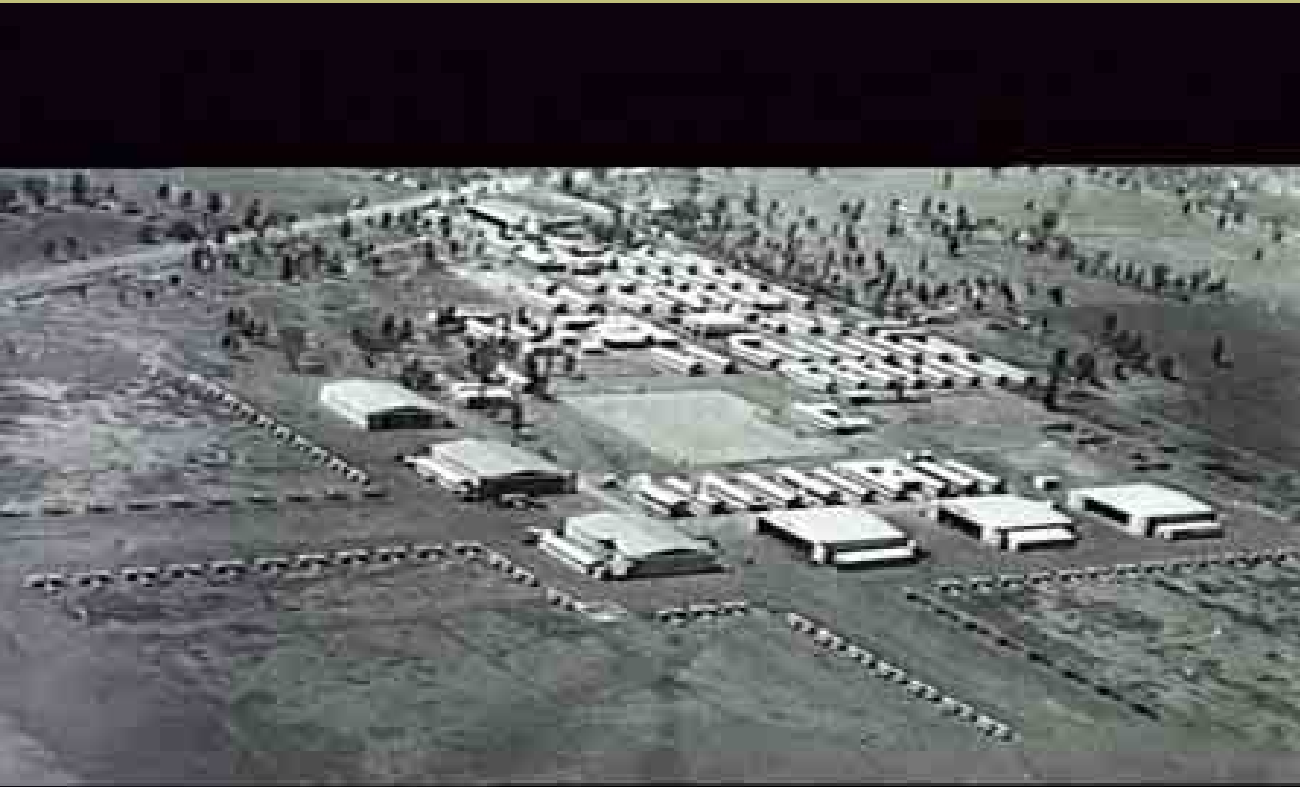




**Former semi-underground wireless transmission bunker,
near current HMAS Albatross Naval Air Station, Nowra**



Training air bases/EATS



RAAF base, Temora





**Bellman hangars still in-situ, Camden Aerodrome (former RAAF base)
Top Gear Australia studio and test track**



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



Former Semi-underground Operations Room, Camden Aerodrome (former RAAF base)



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



Former RAAF hut still in-situ, Camden Aerodrome (former RAAF base)



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



Above: Sewage treatment works of former RAAF Base Narromine

Right: Commonwealth War Graves, Narromine





Above: Some of the Bellman hangars at Parkes Airport



Right: Some of the former RAAF huts at Parkes Airport

Below: Road on boundary of Parkes Airport which is former WW2 taxiway to aircraft hideouts



British Centre erected in Hyde Park, 1944
Architect: John Brogan





British Centre relocated to Hornsby Hospital (Maternity), 1946
Architect: John Brogan



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



British Centre relocated to Hornsby Hospital, 1946
Architect: John Brogan





Munitions & small arms factories

**St Marys Munitions
Factory, Penrith LGA**
(photo: 1947)



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



**St Marys
Munitions
Factory**



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



St Marys Munitions Factory
(photo: 2005)



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



St Marys Munitions Factory
(photo: 2005)



World Wars 1 & 2
Survey of
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Landscapes in



**Former Dunheved Railway Station at the
St Marys Munitions factory
(located between the current
Dunheved & St Marys Industrial Estates)
(photo: 2005)**



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in

One of the former canteen buildings, St Marys Munitions Factory (photo: 2005)



Interior of the former canteen building, St Marys Munitions Factory (photo: 2005)





Former Lithgow Small Arms Factory





Former Small Arms Factory, Lithgow



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



Lithgow Small Arms factory anti-aircraft defences

Bowenfels Battery Command Post

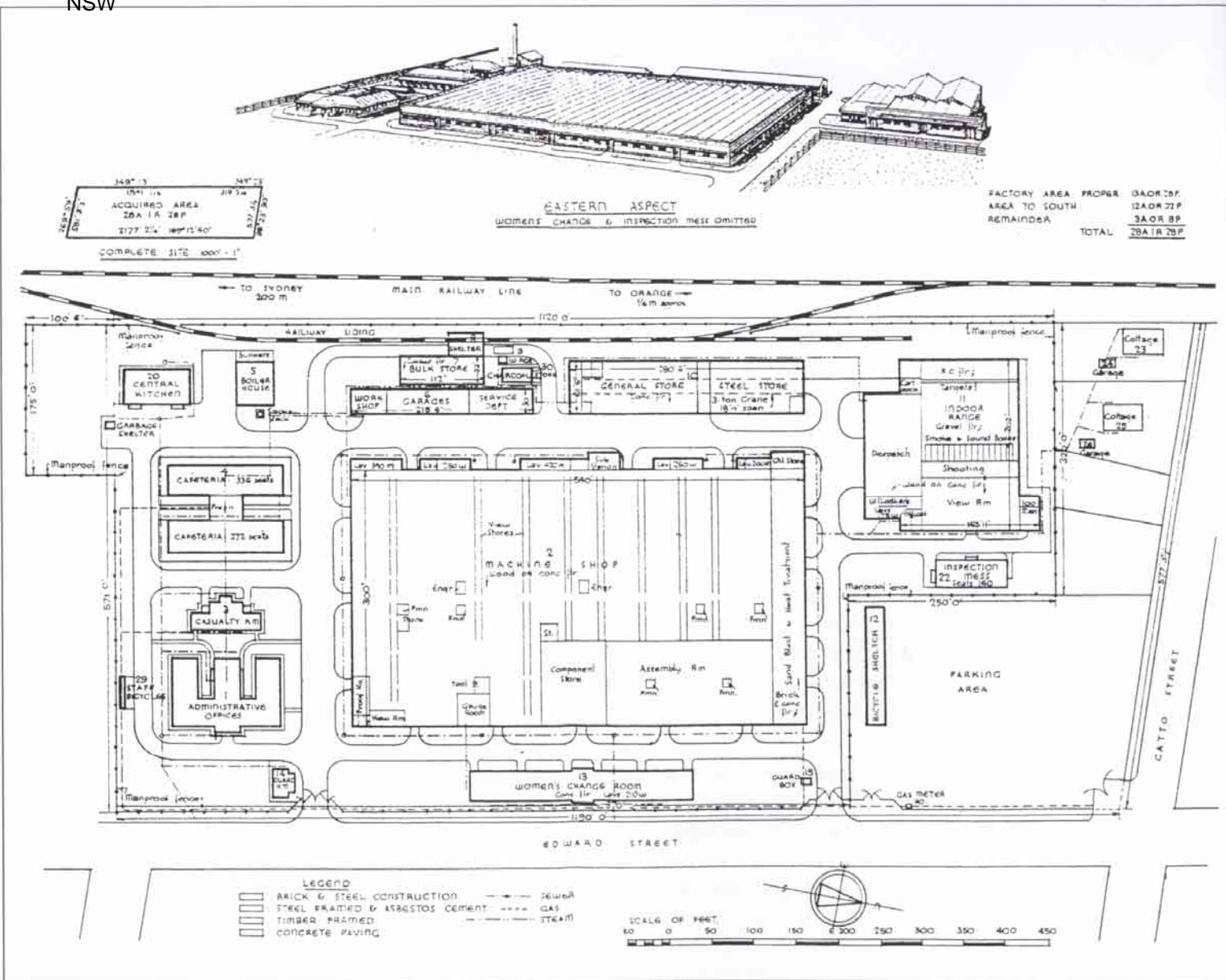






Former Bathurst Small Arms Factory
Above: Factory
Right: Standard canteen building









**Former Lithgow Small Arms Factory
Annex, Portland**



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



Former Albury Munitions Factory



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



Wirlinga munitions storage, Albury

Materiel storage



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



South Bathurst Army Depot



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



**Sidney Williams storage buildings
Kelso Army Depot**

**Sidney Williams storage
building at Bathurst
Experimental Farm (now
Charles Sturt University)**



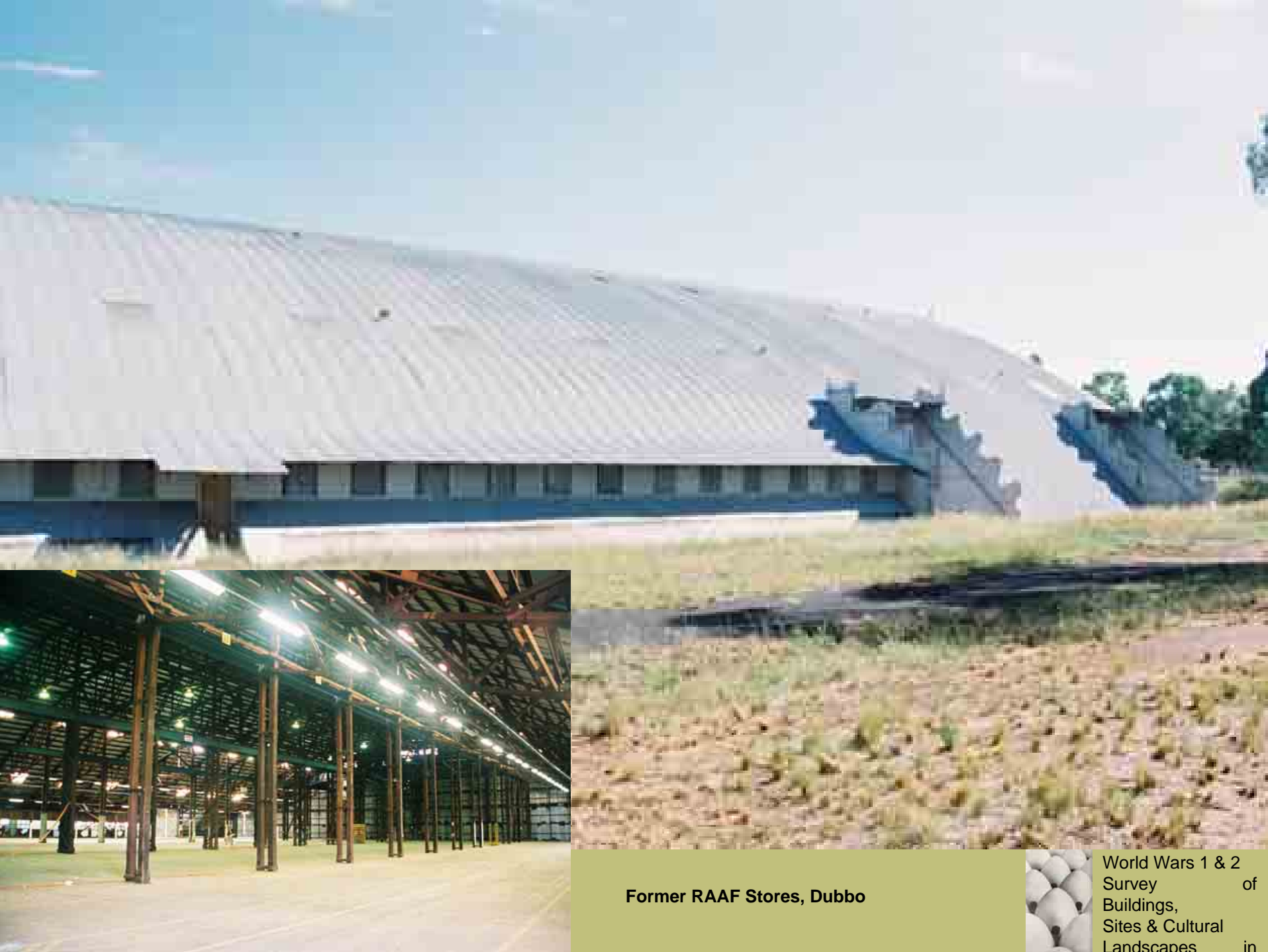
World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



Former communications bunker at RAAF Stores, Dubbo



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



Former RAAF Stores, Dubbo



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in

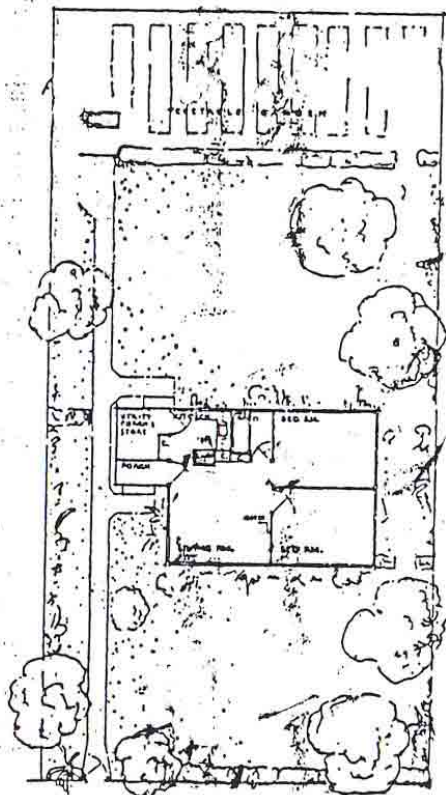


Former USASOS Igloo, Enfield



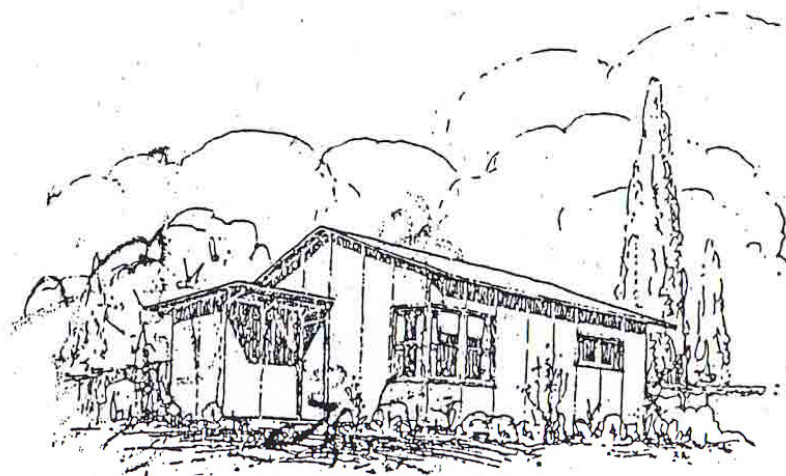
World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in

Workers housing



MUNITION WORKERS
MAY RENT

A WARTIME COTTAGE



Munitions factory
workers housing
located at St Marys,
Lithgow, Bathurst,
Orange

For further particulars the Munition
Worker should consult the Welfare
Officer attached to his factory.

for 12/6 weekly

for a two-bedroom dwelling (unfurnished)
erected by

THE COMMONWEALTH WAR WORKERS HOUSING TRUST
with the authority of the Commonwealth Government

COMMONWEALTH WAR WORKERS HOUSING TRUST

375 COLLINS STREET
MELBOURNE.

PHONE: M 4505

All correspondence should be addressed to
The Executive Officer

World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in

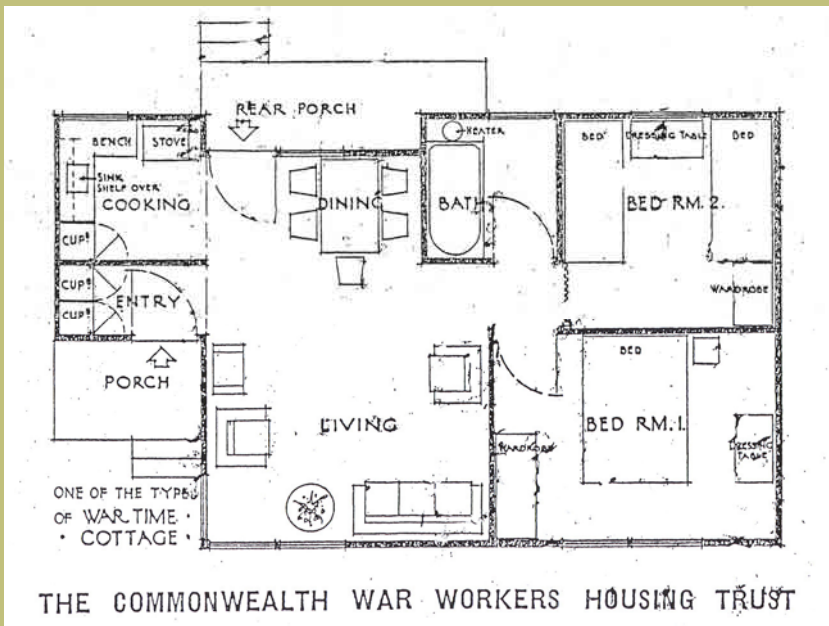
Munitions factory workers housing
St Marys



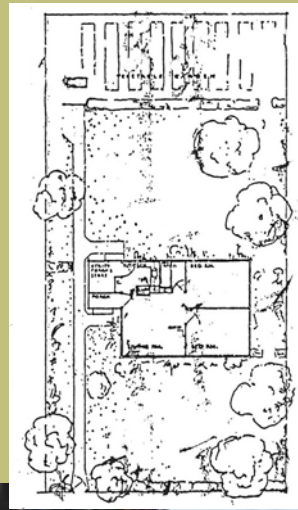
World Wars 1 & 2
Survey of
Buildings,
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Landscapes in



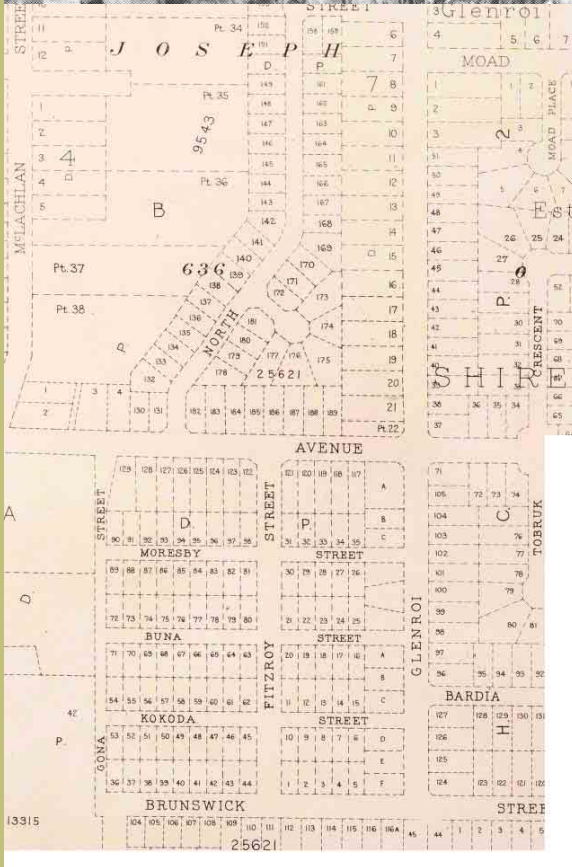
Small Arms Factory workers housing
Lithgow



World Wars 1 & 2
Survey of
Buildings,
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Landscapes in



**Small Arms Factory workers housing
Duration Cottages, Glenroi, Orange**



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in

**St Marys Munitions Factory Peace Officers
permanent cottages**



**St Marys Munitions Factory Peace Officers
permanent cottages**



World Wars 1 & 2
Survey of
Buildings,
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Landscapes in



**Small Arms Factory workers housing -
hostels, Lithgow**





Air Raid Precautions (ARP)

Excavation of WW2 bomb shelter by Jillian Comber behind Captain Cook Hotel, Botany



World Wars 1 & 2
Survey of
Buildings,
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Landscapes in



Air raid shelter, Cockatoo Island



Hospitals



**Former World War 1 army hospital
Georges Heights, Mosman**



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



“Abercrombie House”, Former Womens Land Army hostel, Bathurst

Food production



World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in



Above: Former Recreation Hall from RAAF Base Narranderra now located at Leeton Showground

Right: Amenities block (showers) constructed for the Womens Land Army barracks at Leeton Showground

Above right: Shower heads still in-situ in amenities block



A photograph of a long, arched, weathered wooden shed or barn with a corrugated metal roof, situated in a grassy field with trees in the background. The structure is made of light-colored wood and has a prominent arched roof. It is surrounded by green grass and tall trees, with a cloudy sky above.

World Wars 1 & 2
Survey
Buildings,
Sites & Cultural
Landscapes



Armco



Belman

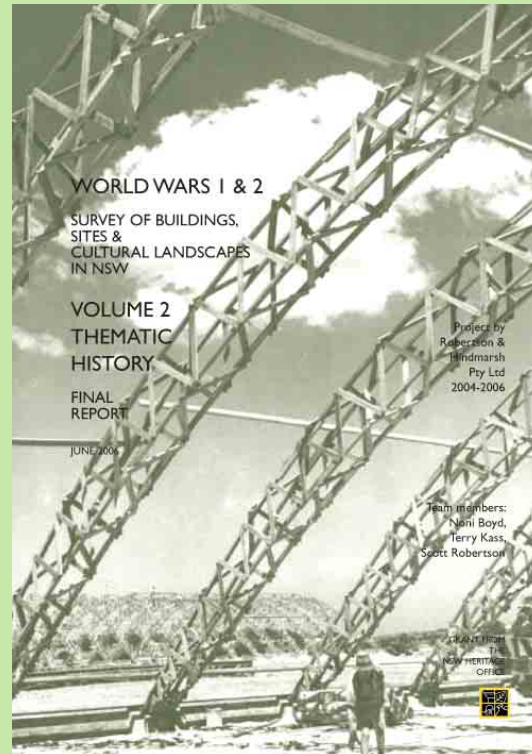


Igloo

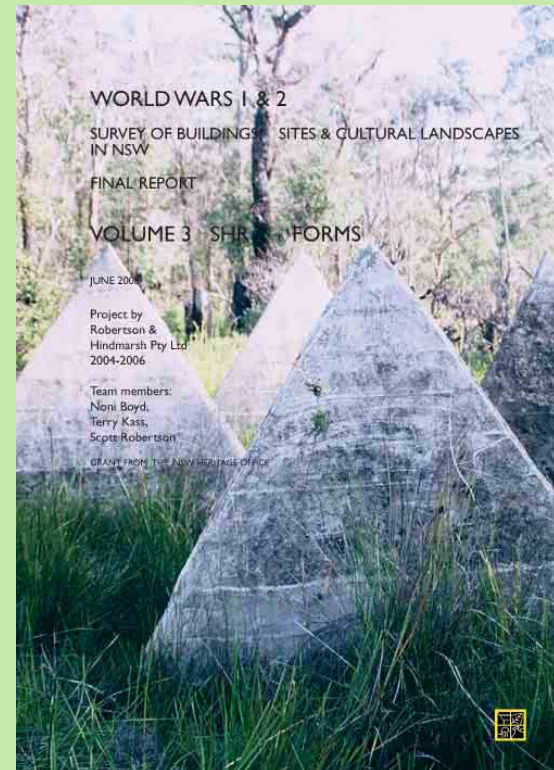


Searchlight battery, Fort Wallace, Newcastle





WHERE TO FROM HERE ?



Publish the study,
Publish booklet on standard building
types,
Continue databases work.

Needed:
Guidelines for Duration Cottages,
Guidelines for WW 2 Hangars,
Adaptive re-use of Factories.

World Wars 1 & 2
Survey of
Buildings,
Sites & Cultural
Landscapes in