

Implementation

- *A fire suppression plan will be developed for each of the cemeteries, and where possible and appropriate fire breaks and defensible spaces will be developed and prioritisation of resources and identification of suppression tactics will be carried out.*



Figure 9 - The Mess and Toolshed in 1927 soon after its completion (and before additions). (ATL G247521 1/1)

9. DEVELOPMENT PLANNING

9.1 LANDSCAPE DEVELOPMENT PLANS

For each cemetery a landscape development plan has been developed. For Karori Cemetery the aim is primarily to develop maintenance levels which are to be achieved and maintained within different areas (Appendix One). For Makara Cemetery the purpose of the landscape plan will be to guide future development and planning to meet the objectives of this policy (Appendix Two). These landscape management plans will link to the Implementation Plan which will specify costs and the time periods over which the landscape development will occur.

9.2 KARORI CEMETERY MANAGEMENT AREAS

Refer to Appendix One for a map of different areas.

9.2.1 GRAVESITE MANAGEMENT

For each area different levels of gravesite restoration will occur. The levels are:

- **Level 1** – Full or largely complete restoration of graves which meet the criteria for significance (see section 8.2).
- **Level 2** – Repair obvious broken features (such as tombstones, statuary or fences) which meet the criteria for significance, but no intensive restoration or general repair of grave surrounds (see section 8.2).
- **Level 3** – No repair, but basic clearing and cleaning e.g. removal of forest litter, general vegetation management
- **Level 4** – No repair and currently no clearing or cleaning. Note this category does not exist in any of the recommended levels.
- **Special areas** - These are the lawn cemetery areas or serviceman cemeteries which either require minimum maintenance or are maintained by the Ministry of Culture and Heritage or Veterans Affairs New Zealand.

Area	Current Level	Recommended level for area	Recommended level for front two rows
Lawn Cemetery	Special	Special	n/a
LC2, NC2	3	2	1
JC2	3	2	1
OC2	3	2	1
MC2	3	2	1
BR2	3	2	1
CP3	3	3	2
HP3, FP3	3	3	2
AR2	3	3	2
EP3	3	3	2
IC2, HC2	3	2	1
AEC2	3	2	1
GC2	3	2	1
GO No. 2, GGC2	3	2	1
AEC2, FC2	3	2	1
AOR	3	1-2	1
ALP1	3	1	1
SM4 & 5	Special	Special	n/a
MSP1	3	1	1
MSP1	3	1	1
Sth African	Special	Special	n/a
SM2 & 3	Special	Special	n/a
SM3	Special	Special	n/a
SM1	Special	Special	n/a
APXR	3	3	2
AJC1, AKWC1, YCZ	3	1-2	1
AGP2	3	3	2
YR	3	3	2
APWR	3	3	2
GO No. 1	3	2	1
WR	3	3	2
ZR, ZP2	3	3	2
Area	Current Level	Recommended level for area	Recommended level for front two rows
WHNP2	4	3	2
HMP2	4	3	2

NVP2	4	3	2
NVP2	4	3	2
BP3	3	2	2
KC2	3	3	2
AP3	3	2	2
Garden of Remembrance	Special	Special	n/a
Jewish	3	1	1
AEC2	3	1	1
DP3	Special	Special	n/a
CR2	Special	Special	n/a
PC2	3	2	1
IP3	3	3	2
GP3	3	3	2
XP2	4	3	2
YP2	4	3	2
XYZC1	3	2-3	2

A specific work programme and costings is attached in the Implementation Plan (Section 10). The shaded areas highlight areas requiring an increase in the level of service.

9.2.2 LANDSCAPE MANAGEMENT

Formal Lawn

Formal Lawn areas contain established lawn which requires frequent mowing. The majority of these areas are flat and contain either servicemen plots or memorials set in concrete berms or directly in the ground. The table below sets out the maintenance standards expected in this area:

Paths	Paths will be well established and maintained, formed of either concrete or lawn. In much of the area, paths will not be required due to the freedom to walk on the lawn areas.
Facilities	Within a short walking distance these areas there will be taps, seats, signage and bins.
Planting	The formal lawns will be mainly lawn, with garden and tree surrounds.

Amenity Lawn

These areas are older areas of lawn formed during the early to mid 1900s. Many interments in these areas occurred during times of economic hardship and therefore many do not have enclosures or monuments. The table below sets out the maintenance standards expected in this area:

Paths	There will not be many formed paths in these areas, however there will be the freedom to walk amongst the graves on mown or weed eaten areas.
Facilities	There will usually be no bins or taps within the direct area, however these will be located in nearby areas. There may be a

	seat within the area or close by.
Planting	The majority of these areas will be grassed, however they may be maintained through weed-eating rather than mowing. There will be some shrub plantings in suitable enclosures and tree surrounds in some areas.

Garden Setting

These areas make up the majority of the cemetery. They are areas which have been used for burials for a long time, and are still used for interments today. The table below sets out the maintenance standards expected in this area:

Paths Grade 1	Paths will be formed in this area from either concrete or mown grass. It will be easy to move anywhere within these areas.
Paths Grade 2	Paths will be formed in this area from either concrete or mown grass. It will be easy to move anywhere within these areas. There may be some areas requiring vegetation management but, this will not affect accessibility.
Facilities Grade 1	Taps, bins, seats and signs will be located within a short walking distance of all these areas.
Facilities Grade 2	Taps, bins, seats, signs will be located within the majority of these areas or within a short walking distance to another area.
Planting Grade 1	The area is surrounded by gardens, and shrubs are interspersed amongst and over the graves. Ground cover species will grow over graves where it is not possible to mow.
Planting Grade 2	The area is surrounded by gardens, and shrubs are interspersed amongst and over the graves. Ground cover species will cover graves where it is not possible to mow. There may be some areas requiring vegetation management, but this will not affect accessibility.

Bush Setting

These areas are of a similar or older age than the garden setting areas. However the planting in the bush areas has been tree species rather than shrub or garden varieties. These areas have had limited maintenance and some of these areas are steep or sloping. The table below sets out the maintenance standards expected in this area:

Paths	Most paths will be of natural mulch from the trees in the area.
Facilities	There will not usually be seats, bins and taps within these areas, however nearby areas will have such facilities if required.
Planting	Planting will be dominated by large trees, with minimal shrub-like plantings. Weed control will occur. Selective tree control will be required where there is the potential for damage to memorials.

9.3 MAKARA CEMETERY MANAGEMENT

Makara Cemetery requires management and development for future use. This includes preparation of suitable areas for burial, planting, development of facilities, buildings and roading, and enhancement of bush areas. Funding has been set aside within the Implementation Plan (see Section 10) for initial planting of the 'fingers of bush' described and illustrated in the Landscape Development Plan (Appendix Two). Development of additional facilities, areas, roads and buildings will be costed and implemented as Karori Cemetery reaches capacity.

The landscape plan for Makara Cemetery will work towards achieving the vision set out within this policy. This will involve work to enhance the amenity of the cemetery.

Further work will occur to define the three entrance points. This will involve entrance design in context with the natural rural theme (for example, use of local stone and copper brass lettering). The design package will include seating, rubbish bins, signage, lighting and interpretation panels.

Using Makara churches for services in the future will be investigated. This will add historical value and the added convenience as they are located next to the cemetery.

Use of native planting to develop 'rooms' for burial will create a sheltered and comforting environment and provide a sense of enclosure. In each of the 'rooms' will be seating, a rubbish bin and a water tap. There is the possibility for detailed design within the 'rooms'. In the Jewish area, for example, a focus could be placed around the building, seating and planting.

The use of the native bush areas will provide a natural and contemplative setting with connections through to different burial area 'rooms'. Bush walks will also connect to the main walking routes around the site. A limestone or gravel footpath will form a pedestrian linkage around the whole site. These paths will always be situated on the down-slope and appropriate drainage will be included within the design.

There will be edge planting around areas of native bush to create a connecting boundary between bush and burial 'rooms'. With the edges defined, there is less maintenance and the native bush becomes more aesthetically pleasing. Planting within the 'rooms' will include sculptural native species such as flax, grasses and cabbage trees.

A ratio of trees to grave rows will be developed, for example, for every eight grave rows, one row of trees will be planted. There will be a maximum length to the grave rows, for example 20 metres and a three row buffer around roads for planting, trees, footpaths, signage and services.

Interpretation panels will define each of the denominational areas. The cemetery will become an educational experience - if users are more aware of the religion's protocol, then they will be more respectful of the customs.

Definition of areas will be created by a piece of sculpture - for example a mother and baby sculpture for the children's section or a Maori carving for the Maori section. This will create an immediate recognition of the function of an area without the use of signage - making the space more personal.

All burials to be ordered from head to toe and the use of repetition will create continuity around the site. This design is easier for maintenance as the mower blade width is kept consistent. The lines of the graves will run with the contours of the land rather than down slope. This makes for safer access to the graves especially for the elderly.

Currently there is extra land at Makara Cemetery not being used for cemetery purposes. This land will continue to be put to alternative use until required. There are some areas which will require weed and pest management, as discussed in Section 7.8.