

Danawa Community Garden

Masterplan



c/ Spring Creek
Community House
14 Price Street
Torquay 3228

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Revision A

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This document has been prepared by Perry Mills, Danawa Community Garden Chairperson and the members of Danawa, who have provided endless, ongoing enthusiasm and commitment to the Garden concept.

A PowerPoint presentation of a draft of the masterplan was presented to the members on 24th January 2007. This proposed basing the garden on a community plot model with individual garden areas. Given the success of the shared mandala garden the preferred model was a shared gardening and educational model. The masterplan was revised, and following peer review and comment it was represented to the members on the 24th October 2007.

We would like to acknowledge the contribution of Geoff Morgan (Planit), Amadis Lacheta (Director, Urban Permaculture), Ben Neal (Cultivating Communities) and the funding assistance of the Surf Coast Shire towards the resolution of this masterplan.

I would also like to acknowledge and thank the members of the group for their enthusiasm for the garden, in particular John Harrison and Claire Gittings for their support.

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Executive Summary

What is our Mission?

- Our mission is the ongoing development of a gardening space for the growth of productive plants, enabling our community to connect in a spirit of sharing. We foresee that through the development of our garden a range of valued practices will be learnt, exchanged and promoted. Underpinning the diversity of activity at Danawa is the promotion of health and well being that is associated with organic gardening, and a respect for our relationship with the earth.

What is our Purpose?

Our purpose is

- the ongoing development of an inviting and accessible place for a diversity of people to come together: sharing work, stories, experiences and food, in a supportive and co-operative environment.
- the exploration of valued gardening practices that are underpinned by sustainability and permaculture gardening principles
- a commitment to education; enabled by the shared gardening experience, the promotion of this experience, as well as the provision of access to learning for the wider community
- the growth of a range of edible foods for use by the gardeners, and the wider community
- the provision of a blend of shared and individual gardening plots
- establishment and maintenance of infra-structures which meet the technical needs of the gardening experience, as well as the social needs of the Danawa members and the wider community
- a commitment to include the Danawa experience in the cultural fabric of the community
- a holistic and sensory approach to the development of the physical space
- the growth and planting of indigenous plants beyond the boundaries of the productive space.
- recognition of the Wauthaurong community as the traditional owners of this site

What is our Strategy?

Our strategy is to

1. **build and maintain community connections**
2. **provide educational/social opportunities in a variety of forms**
3. **develop a capital funding base**

In doing so, we aim to use solutions that require low capital and management systems, and to structure the organisation to achieve these strategies.

Background

1. What is a Community Garden and what are the benefits?

“Community gardens are places where people come together to grow fresh food, to learn, relax and make new friends.”

Australian City Farms and Community Gardens Network

Community gardening brings benefits to individuals, neighbourhoods, communities and the cities they are part of.

Individual benefits

Health

Community gardening is an active pursuit yielding fresh food. The benefits include:

- by growing some of their own food, individuals and families have access to fresh, nutritious food and the mixed meals that support nutritional health
- because it involves physical activity, community gardening promotes physical fitness and health.

Learning

- learning to grow plants is mentally stimulating and adds to an individual's knowledge and expertise
- because organic gardening is a knowledge-based system of gardening rather than one based on quick fixes, it encourages learning in the community gardens in which it is used
- community gardens are used by community education, TAFE, schools and universities as learning venues
- gardens are used for community education such as waste minimisation and the recycling of wastes through composting and mulching.

Social benefits

- community gardening is a social activity involving shared decision making, problem solving and negotiation, increasing these skills among gardeners
- as places where people come together with a common purpose, community gardens are places where people get to meet others
- as social venues, community gardens can be used to build a sense of community and belonging; community workers already use the gardens for these purposes.

Urban improvement

- community gardens regreen vacant lots and bring vegetational diversity to public open space and other areas, making them a useful tool for urban improvement

- by diversifying the use of open space and creating the opportunity for passive and active recreation, community gardens improve the urban environment
- the diversity of plant types found in community gardens provides habitat for urban wildlife, increasing their value for improving the natural environment.

Improving organisational practice

- local and state government organisations cooperating with community gardeners can improve relations with citizens and, by cooperating with each other, can improve organisational performance]
- community gardens can demonstrate local government policy, such as waste recycling, Agenda 21 and community development
- cooperation between government and citizens can strengthen civil society.

2. What is proposed at Danawa?

The Danawa Community Garden is proposed to have the following features:

- Shared gardening areas for community training and activity including
 - Mandala, herb, and other general garden areas
 - Aquaculture and wetland areas
 - Composting and mulch storage facilities
 - Fruit tree orchard
- Comfortable and inspiring spaces with outdoor furniture, mudbrick bbq/pizza oven, seats and tables and other facilities to encourage regular community access
- An all-weather enclosed shelter for small community meetings, training, food preparation and management
- Storage shed/container for tools and materials
- Space for large groups to gather for festivals, open days or markets
- A propagation nursery that will grow plants for use at the garden, at other gardens in the community (eg schools, nursing homes) and for sale, and will be used for training
- Single-level membership at a low cost
- Education and training programs about sustainable building and gardening techniques, organised through the Spring Creek Neighborhood House
- Establishment of a Seed Savers Network seed bank as a resource for nearby schools, other community gardens and the general community
- Rainwater and stormwater harvesting with wetlands for collection and primary treatment enabling self-reliance in water for irrigation

3. Progress to date

The Community Garden project was first tabled to the Shire in the form of Community Development Grant proposal in November 2000. This grant was approved and over the next two years the community garden project attracted a dedicated group of residents, canvassed support from Torquay School and Community Groups, held regular meetings, researched considerably, forged connections with other community gardeners, participated in educational forums and workshops, and visited a number of other community gardens.

In late 2002 the present site was identified and approved, the Torquay and Jan Juc Community Garden group was formalised and the first sod was officially turned on the 28th February 2003.

Subsequent development of the garden has occurred in the following phases

2003 Concept design, Initial site development, Creating an Identity

- Renamed 'Danawa Community Garden'
- Working Bees commence
- Logo designed and concept landscape plan options prepared
- Insurance by Neighborhood House revealed not to cover Danawa
- Decision to incorporate as an independent group

2004 Organisational development and infrastructure

- Danawa Community Garden officially incorporated
- Surf Coast Shire / DSE Crown licence approved for three year term
- \$2,600 grant received for tools and materials
- Memberships first launched

2005 Site works and creating community connections

- Water tank donated by Barwon Water installed
- Wetlands constructed, resolving drainage and water harvesting problems
- Presentations to local community groups
- Access track constructed by Rotary Group

2006 Putting down roots

- Maize Maze and shared mandala garden created
- First Harvest Open Day held with 100 visitors despite 43 degree heat
- Mission Statement and Statement of Purpose revised
- Grant submissions prepared for additional water harvesting and storage, and for cob pizza oven
- Open Gardens Scheme grant for a propagating area is successful
- Surf Coast Shire grant for business and masterplan development approved

2007 A Dry Year

- Extended drought period limits planting but seed harvesting successful
- Return to emphasis on shared gardening experience instead of individual plots
- Need for additional water sources identified
- Shelter project
- Nursery project

We currently have working bee's onsite 2nd and 4th Saturdays, at which 6-12 people regularly attend. At these 'Pick n Plant' days we generally try to focus on a main task, with opportunities for harvesting, general garden maintenance, and what has become a highlight, chai and cake afternoon tea. The regularity has been good, and reminders are sent beforehand by SMS and/or email.

A fairly regular monthly pot-luck dinner meeting is held at a member's house, where issues are discussed and fellowship developed.

Membership is about twenty, and a similar number are regularly involved.

A strategy that we have employed to date is to establish the basic necessities of a functioning garden before opening membership beyond the initial core group. This has seen aspects such as effective weed control, management of drainage and provision of water supply take precedence over membership initiatives.

This strategy has been effective way to avoid some of the ongoing problems that have been observed at other community gardens (many have perennial problems with persistent weeds) and has allowed time for a considered design process to occur based on actual site experience and observations.

This master plan has come about as a result of increasing membership as a planning tool for the future development of the site.

Situation Analysis and Response

4. SWOT Analysis (Strengths, Weaknesses, Opportunities, Threats)

The following are notes taken from a planning day held with about 12 members at CERES, Brunswick on Sunday, 16 July 2006

STRENGTHS

The Site

- Basic clay soil is very fertile and full of worms
- Location – very central for all members
- Underwater table (permanent water supply)
- North facing aspect and wind protected
- Very productive site
- Mature natives around site
- Got the space

The People

- Generosity of donors: (water board, council, mulch, original lease, tools and shed, manure, fig tree)
- Great core group – lots of expertise and energy
- Enthusiastic people, who want to work together, make friends

The Potential

- Freedom to choose what we want to do
- Keen for healthy and tasty food (cheap too)
- Can see a future and a need.

WEAKNESSES

Garden site is not large enough

- Lack of space for extra individual plots and performance space, shelter space
- Not enough plots if we need to grow
- Having individual plots (small area gives less produce and less chance to companion plant)
- Expansion

Not enough facilities

- Lack of propagation area and other structures
- Require a small scale plan for each member to make notes with
- No art yet

Organisational management is poor/immature

- 'We are young and inexperienced'
- Not following through with ideas already planned and implementing them
- Lack of time and interest with committee members: need a core committee
- Lack of communication from meetings
- Communication
- Marketing – lack of awareness in the community
- Funding
- Size of community group in relation to town size

Site has some problems

- Noise from highway
- A lot of soil is clay – harder to dig and weed (need to be organised seasonally)
- No water connected
- Water problems
- Security
- Don't have overall control

OPPORTUNITIES

Social

- Bringing more people together in a fun and healthy environment
- Participate contribute to local events (e.g., high tide)
- Put on events that enhance community
- Social connectedness: integration with other agencies, Eloura aged care
- Network, make friends
- Open house idea – reduces isolation in the community, educates people about healthy eating and organic foods
- Go on excursions
- Meeting like minded people and socialising

Education

- Education centre: schools, living green expo site, healthy eating program, sustainability, organic gardening, Permaculture
- Can educate other and learn ourselves individually too
- Cultural education: Koori
- Self sustaining knowledge, Learn about growing veggies etc
- Available knowledge to tap into
- Chance to learn new skill (cob oven building, straw bale building)
- To learn about others ideas on gardening, cooking and health issues
- Provide educational example to general population

Facilities, Site

- Shelter
- Introduce an oven so as we can have a shared meal and long lunches by a fire with a good bottle of wine
- Have own nursery to produce and sell seedlings, produce, rare plants
- Room to expand on the site
- Flat site. Easy disabled access
- Visible to the public
- Underground water table
- Can provide space to learn and give to wider community (contribute)
- Chance to transform a weed infected swamp to a ? edible lush beautiful
- Encourage native bird population, frogs, native rats and indigenous flora
- Promoting sustainability, organics, growing movement in broader context
- Enthusiastic group members who have a real passion for the community garden and environment
- Healthy tastier organic food

Other

- Apply for grants – think laterally
- Progressive, who means more people will be interested Way of the future
- Sale of produce at market
- Employment opportunities
- Work hard for greater good
- Team work to achieve the unattainable

THREATS

Internal

- Loss of vision/enthusiasm
- Fragmented ideas
- Conflict/personal clashes
- Jealousy (lack of understanding from greater community)
- Maintaining paperwork e.g. insurances/memberships/
- Infighting between members
- Planning pace for the future
- Guidelines being transgressed
- All plots being individual

External - social

- Objections from other groups
- Issues with the tennis club
- Tennis club issues
- Council withdrawing lease
- Vandalism/theft
- Legal liability
- Council claiming land back

External – environmental

- Soil contamination
- Water contamination
- Possible car pollution –close proximity to highway
- Contamination
- Noise pollution
- Flood/drought/weather

Management of site and environment

- Insects and rodents (pests)
- Pests
- Control of problems e.g. weeds
- Weeds
- Not enough water
- Threat to frog population and bird population because of over demand on water – must live in harmony with nature!
- Lack of maintenance/lack of funding
- Child care safety issues
- Safety
- Hygiene issues (esp. food stalls on open day)
- Monoculture (too many broad beans!)

5. Response to SWOT analysis

Build on Strengths

- The People
- The Site
- The Potential

Refer to Strategy section on how this will be approached.

Work on Weaknesses

Site lacks facilities

The site has been developed over a couple of years from an empty paddock, but still does not have significant infrastructure.

A small storage shed has been built on the site, but shelter, more storage, plant nursery area, seating, food preparation area and facilities are required. It would be hoped that in another 5 years time this would not be a problem, with these facilities included in the Masterplan and implemented over time.

Toilet facilities are available at the public toilets on the other side of the reserve (about 500m away) or potentially at the football or tennis pavilions (by negotiation). This is sufficient in the short-medium term for plot-holders, but for events, training, etc, a composting toilet onsite would be appropriate.

Electricity is not available onsite currently. Event supply is being provided with borrowed generators, and if supply for water pumping in particular can be provided with a solar/battery setup, electricity supply is not required in the foreseeable future.

Actions -

- Undertake staged implementation of Masterplan proposals

Lack of water

The major issue is the lack of irrigation water to the site, and the lack of plumbing to deliver it to the garden areas within the site, and the lack of potable water for future food preparation, hygiene and plant propagation activities.

This issue has been highlighted over the last couple of years with the increasing regularity of dry or drought conditions and there is growing recognition that a secure water supply needs to be provided from a variety of sources so that if one should fail there are back-up systems.

Non-potable Water

There is a philosophical preference for self reliance in water, and we have established a system to harvest, treat and store stormwater that falls on the site. Currently this involves borrowing a fire-pump and pumping from the wetland into the tank after rains. This has been just enough to get by, but irrigating with hoses at

pressure is not possible and lack of summer rain limits replenishment. Watering the garden from the tank is very time-consuming and limited because of the extreme low pressure, and so generally the garden has survived without supplementary watering. Despite this we have run out of water during extended dry spells, a situation that would of course be worse if it were easier to use.

The catchment area of this system will be increased by connecting it to part of the Great Ocean Rd uphill. This sealed surface (approx 5000m²??) will provide runoff even in a small rain event and allow more regular stormwater harvesting. This runoff would require some treatment to allow particulates and hydrocarbons to be removed, but this could be achieved though the existing swale and pond system if additional macrophytes (reeds, rushes etc) were introduced.

Methods of pumping this water into the tank or a header tank, and then distributing it within the garden (at pressure) are still required. Continuation of the existing arrangement using a petrol pump into the existing tank and low-pressure gravity delivery to the garden requires high maintenance and delivers poor supply.

A connection has recently been fitted to the tank by the Shire to enable it to be filled from a tanker, but this has not been possible to date (their hose is not long enough / cannot get tanker close enough).

A better system would employ a windmill to pump water from the wetland (or existing tank if wetland is dry) to a header tank which would deliver water to the garden by gravity, and overflow to the existing tank. This option has the advantage that the header tank could allow it to operate without an electric pump.

Other options are a solar or petrol pump to pump water from the wetland, and a solar pump to deliver to the garden at pressure.

Relocating the tank (or getting an additional tank) and installing it at a higher location (eg terraced into the bank beside the entry) would improve delivery pressure, and would be accessible by tanker.

With the future redevelopment of the Torquay Golf Course by the RACV and further residential development in the Spring Creek corridor, there is a proposal to bring recycled water into Torquay from the Barwon Water treatment plant at Black Rock in the next couple of years. If this occurs, it is likely to include the football oval at Spring Creek Reserve, and this could be another potential source of irrigation water for Danawa.

Potable Water

A potable water supply is needed for food preparation, drinking water and to supply guaranteed clean water for use in the propagation nursery.

With the construction of the shelter this will be provided to some extent by rainwater collection in a tank, but connection to mains water provides the most secure ongoing water source.

The initial costs of \$4000-plus have been reduced greatly to around \$500 maximum, and ongoing service charges are reasonably low. The future cost of water is likely to increase, but Danawa will generally not be using mains water for irrigation.

Ironically, having a mains water connection would also make Danawa more likely to be successful in winning water conservation grants. Previous grant applications have not been successful due in part to the fact that we are not able to argue that a saving would result. Accessing capital is the major reason that water supply is still an issue.

Actions -

- Investigate relocating the existing tank to improve pressure
- Increase catchment and capacity of existing stormwater harvesting system for irrigation, including a pumping system from wetlands into tank/s
- Establish a water distribution system for irrigation, preferably high-pressure
- Connect to mains water system for drinking, food preparation and propagation

Organisational immaturity

A number of observations relate to problems with management of the garden such as lack of follow up on ideas, poor communications, and inexperience. These are typical problems associated with a small volunteer group. Other related issues relate to the spread of responsibility and action beyond a small core group. These issues limit the ability of the garden to undertake more complex projects, and may limit long term success.

Currently management is undertaken on an ad-hoc basis, centred on loose monthly meetings over dinner. These are fantastic socially, and would be sufficient to maintain a small group, but are too informal to manage the garden's planned development. Secretarial and management functions are not well developed (minutes are taken but not distributed, actions are not followed up, and important functions are forgotten).

The following documents (of varying usefulness) have been developed:

- Position Descriptions (outline role, responsibilities and resources etc) eg: President, Secretary, Treasurer, Librarian/historian
- Activity Records (record of how to do an activity eg open day)
- Garden Development Timeline (dates of significant events)
- Garden Concept Plan
- Rules of Association, Statement of Purpose, Mission Statement,
- Spreadsheet list of members
-

An ongoing mentoring arrangement would be of great value to the group, perhaps an annual review of the groups activities by an external person – a community garden 'old hand', or perhaps a volunteer board of local experts to introduce high-level experience and management skills

It is said that the membership manager is the most important role of all, and if building a formal membership base is important then we need to have someone who will manage renewals, maintain a list of members and contact details, receive and forward fee monies to the treasurer, and send out welcome letters with the aim being to ensure that all members are recorded, are financial, and are acknowledged. This is all needed to ensure members feel connected and 'in the loop'.

Actions -

- Improve management of memberships
- Improve functioning of management committee
- Involve a number of people in the management of the garden

Site is not large enough

Discussion

The site is approximately 2,700m² (0.27Ha) which is just under $\frac{3}{4}$ acre or about the same size as 3 or 4 tennis courts. This is an average size compared with many community gardens – many very successful gardens are far smaller than this.

There is some opportunity for expansion at the current site, such as the roadside area behind the existing shed along or beyond the entry track near the cricket nets. These options would allow opportunities for additional fruit trees or similar, or there is scope for other gardens to be established as 'branch agencies' of Danawa in nearby neighbourhoods (eg Wombah Park, Jan Juc, Spring Creek growth corridor).

While it may seem small, there is a great deal that can be packed into this space, and it should be remembered that the locality is not short on space – most people have a backyard and some are on acreage. For Danawa to be relevant it needs to provide more than space – it needs to provide education and inspiration.

In addition the concept of a community garden focuses on growing food *in your local community*, and for community gardens to be really useful they need to be readily accessible.

There are opportunities for community management of new public open spaces within the growth areas of Torquay such as upstream along Spring Ck. Councillors have suggested that developers of new residential estates could be encouraged to include productive areas if these were able to be managed by a community group.

Actions -

- Resolve garden Masterplan, identifying opportunities for maximising usage of existing space (and for minor expansion within reserve if necessary)
- Plan for future expansion at other sites

Other site problems

Security is not currently a problem but is a potential issue as the site becomes more developed. The equipment stored in the shed is uninsurable currently, as it is a public site and not fenced. Site perimeter fencing is required so that tools can be

insured, to prevent access of undesirables and to control children's access to and from the garden (and wetlands).

The sites clay soil nature is not considered a serious problem, and with time will improve.

Proximity to traffic noise is difficult to deal with. It is generally only a problem in summer, and may be sporadic in nature (eg only when the motorcycle club go past on a Great Ocean Road ride). The current solution is to grin and bear it, recognising that we have a greater advantage from our central location and proximity to the GO Rd than disadvantage.

Actions -

- Establish secure perimeter fencing

Strategic Plan

6. What is our Strategy?

In implementing this vision, our strategy is to..

1. **build and maintain community connections** to ensure that the Garden has the maximum support of, and contributes fully to, our community
2. **provide educational/social opportunities** in a variety of forms that encourage participation by making gardening fun and interesting so that participants interact socially and learn.

A major theme is the link between gardening and healthy eating.

This will bring people together to develop the garden with regular opportunities for people to experience the joys of gardening using a variety of formats

- pick 'n' plant days,
 - signs and onsite interpretation displays,
 - workshops, guest speakers,
 - hands-on activities,
 - artworks
 - regular opportunities for participants to cook and eat together
3. **develop a capital funding base** for the physical development of key infrastructure, in particular development of
 - water supplies
 - seats, food preparation facilities, shelter, etc
 - artworks
 - garden areas
 - plant propagation facilities
 4. **use solutions that require low capital and management systems** so that ongoing resourcing is manageable
 5. **structure the organisation to achieve these strategies** by forming working groups around the essential core areas of
 - Creating community connections
 - Education /social events
 - Develop capital funding base
 - Garden management and development

The nature of the gardens operation is to work together to achieve these ends, and it is envisaged that coordination by a garden manager will be important.

Organisational Structure

It is proposed to set up Working Groups based around the following essential areas / business units, reporting to the Committee of Management:

- Creating community connections
- Education /social events
- Develop capital funding base
- Garden management and development

The Working Groups will be guided by Action Plans that will focus on the goals and objectives to be achieved, and resources available. Drafts of Action Plans are attached that will be reviewed, developed and implemented over time according to the draft timetable and financial projections outlined below.

It is envisaged that in the longer term a garden support worker may be employed to manage the weekly operation of the garden, potentially through the Neighbourhood House.

Financial Projections

TBA

Timetable – Draft

Timetable of business plan

2007/08	<ul style="list-style-type: none"> • Organisational review, Masterplan / business plan finalised • Develop Action Plans and allocate resources • Implement community connections action plan priorities (promotion, invitations, bbq's) • Implement education action plan priorities (calendar of events/workshops) • Implement sustainable water action plan priorities (increase catchment area) • Construct shelter, seats and tables • Establish propagation nursery
2008/09	<ul style="list-style-type: none"> • Implement capital funding action plan to reach financial target identified in implementation plan • Consolidate community connections action plan priorities • Consolidate education action plan priorities • Consolidate sustainable water action plan priorities - sustainable water now secure • Construct food preparation facilities
2009/10	<ul style="list-style-type: none"> • Implement capital funding projects/programs • Review action plans and set new priorities

Landscape Plan

Consultation and Development

The design of the garden has been guided by a number of draft plans, and influenced by the experience of gardening at the site and understanding the character and opportunities of the site.

Two concepts were prepared incorporating the plans of participants in a Sustainable Living course run at the Spring Creek Community House. These were put on display at the Community House, at the Living Green Expo and at working bees onsite. The Surf Coast Shire's Community and Open Space department has also been consulted and has had an opportunity for input into the design. The comments from this consultation process have been evaluated and incorporated into the plan

Features

The Landscape Plan for the garden includes the features noted on page 6 'What is Proposed' has the following features:

- Shared gardening areas for community training and activity including
 - Mandala, herb, and other general garden areas
 - Aquaculture and wetland areas
 - Composting and mulch storage facilities
 - Fruit tree orchard
- Comfortable and inspiring spaces with outdoor furniture, mudbrick bbq/pizza oven, seats and tables and other facilities to encourage regular community access
- An all-weather enclosed shelter for small community meetings, training, food preparation and management
- Storage shed/container for tools and materials
- Space for groups to gather for festivals, open days or farmers markets
- A propagation nursery that will grow plants for use at the garden, at other gardens in the community (eg schools, nursing homes) and for sale, and will be used for training
- Education and training programs about sustainable building and gardening techniques, organised through the Spring Creek Neighborhood House
- Rainwater and stormwater harvesting with wetlands for collection and primary treatment enabling self-reliance in water for irrigation

Issues

Particular issues that have been addressed are:

1. Access and parking. Council have requested that carparking arrangements not reduce grassed areas, and so existing carparking at the tennis courts and around the oval is proposed to be used. It is anticipated that generally

carparking requirements will be moderate and will not interfere with the operations of other tenant clubs. A new pedestrian path will lead to the garden from the carpark. A formal gateway is proposed at the entry to the garden, permitting entry for delivery vehicles only.

2. Water harvesting. It is proposed that water is harvested and stored onsite for irrigation and a series of wetlands are proposed to harvest water from the Great Ocean Rd. While it is perceived that they pose no greater public safety risk than other nearby water bodies and will not be fenced, perimeter fencing will be provided around the garden boundaries.
3. Visibility. Indigenous screen vegetation has been planted along the access road to minimise visibility into the garden, for security and to mask the perimeter fencing
4. Garden areas. The focus is on shared garden areas using a 3m diameter circular bed module that can be aggregated into 'mandalas', or can stand alone and allocated to a community group. It is anticipated that this format will facilitate maintenance of the gardens by working bees with numbers of people available for short periods of time.
5. Drainage. The site is drained by the wetlands and swales that bisect the garden, that provide relief and prevent flooding the greater part of the site.
6. Social and education facilities. Accommodation for volunteers and participants is provided, along with features such as food preparation facilities that are a key element of the healthy lifestyle message that the garden seeks to promote.

Organisation Action Plans

Business	Danawa Community Garden
Business Unit	Creating Community Connections
Goal(s)	<ul style="list-style-type: none"> Wide utilisation of the Garden, and recognition of its role and contribution to the community
Description of Unit	Develops strong connection with the wider Torquay community.
List all Objectives required to achieve the Goal(s)	<ol style="list-style-type: none"> Improved communications, marketing and promotion Community access to the garden

Objective	Improved communications, promotion, marketing		
Priority Actions	Person Responsible	Timeframe: Start/Finish Review Dates	Resources
Market stall / street stall			
Personal approaches to key community members and groups			
Regular notices in 'What's On'			
Develop and distribute posters, flyers, etc			
Info board at supermarkets			
Develop and maintain website			

Objective	Community access		
Priority Actions	Person	Timeframe:	Resources
Invite groups to visit, garden tours			
Invite groups to have a plot			

Business	Danawa Community Garden
Business Unit	Educational / Social Events
Goal(s)	<ul style="list-style-type: none"> • For our members to become skilled and aware gardeners • Promotion of sustainable gardening in the wider community • Assist target social groups • Fellowship and positive social outcomes
Description of Unit	Develops informal educational program complementing Spring Creek Neighbourhood House programs. Potential themes for monthly workshops could include gardening, propagation, and food preparation. Formal accredited training by paid trainers is a longer term goal.
List all Objectives required to achieve the Goal(s)	<ol style="list-style-type: none"> 1. calendar of events 2. onsite interpretation aids – signs, artworks 3. run programs for targeted community groups (eg new arrivals, retirees, young families)

Objective	Calendar of events/workshops		
Priority Actions	Person Responsible	Timeframe:	Resources
identify areas of interest – tie in with other priorities		November 2007	This masterplan
develop calendar and plan activities/resources		December 2007	
promote through Spring Ck House etc		1st term 2008	Spring Board
Facilitate implementation		1st term 2008	

Objective	Onsite interpretation / artworks		
Priority Actions	Person Responsible	Timeframe:	Resources
identify themes and opportunities			
Workshops to make signs with artist input			

Objective	Programs for target groups		
Priority Actions	Person Responsible	Timeframe:	Resources
identify themes and opp's			

Business	Danawa Community Garden
Business Unit	Develop capital funding base
Goal(s)	<ul style="list-style-type: none"> Provide capital funds to undertake planned projects and programs
Description of Unit	Raises capital to fund garden development and implementation of proposed programs.
List all Objectives required to achieve the Goal(s)	<ol style="list-style-type: none"> Develop costing of implementing masterplan, target \$ Develop sponsorship program for local businesses Identify and apply for grants for projects

Objective	Implementation plan / costing		
Priority Actions	Person Responsible	Timeframe: Start/Finish Review Dates	Resources
Implementation plan		By Feb 2008	
Costing / Budget		By March 2008	

Objective	Sponsorship program		
Priority Actions	Person Responsible	Timeframe: Start/Finish Review Dates	Resources
Prepare letters, background material			
Identify potential sponsors			

Objective	Apply for Grants		
Priority Actions	Person Responsible	Timeframe: Start/Finish Review Dates	Resources

Business	Danawa Community Garden
Business Unit	Garden Development
Goal(s)	<ul style="list-style-type: none"> Implement the masterplan over time in a cost effective and socially inclusive process
Description of Unit	Manages the implementation of the masterplan over time using the resources available. A Garden Manager may be required to coordinate the shared efforts of the members.
List all Objectives required to achieve the Goal(s)	<ol style="list-style-type: none"> 1. Manage ongoing garden tasks and working bee activities 2. Implement sustainable water action plan priorities 3. Construct shelter, seats and tables 4. Establish propagation nursery 5. Construct food preparation facilities

Objective	Sustainable Water		
Priority Actions	Person Responsible	Timeframe:	Resources
Increase catchment area			
Tanks on shelter – potable water			
Install pumps, additional tanks etc for storage			
Install pressurised delivery system			
Connect to mains water			

Objective	Shelter		
Priority Actions	Person Responsible	Timeframe:	Resources

Objective	Propagation Nursery		
Priority Actions	Person Responsible	Timeframe:	Resources