



Meeting attachments

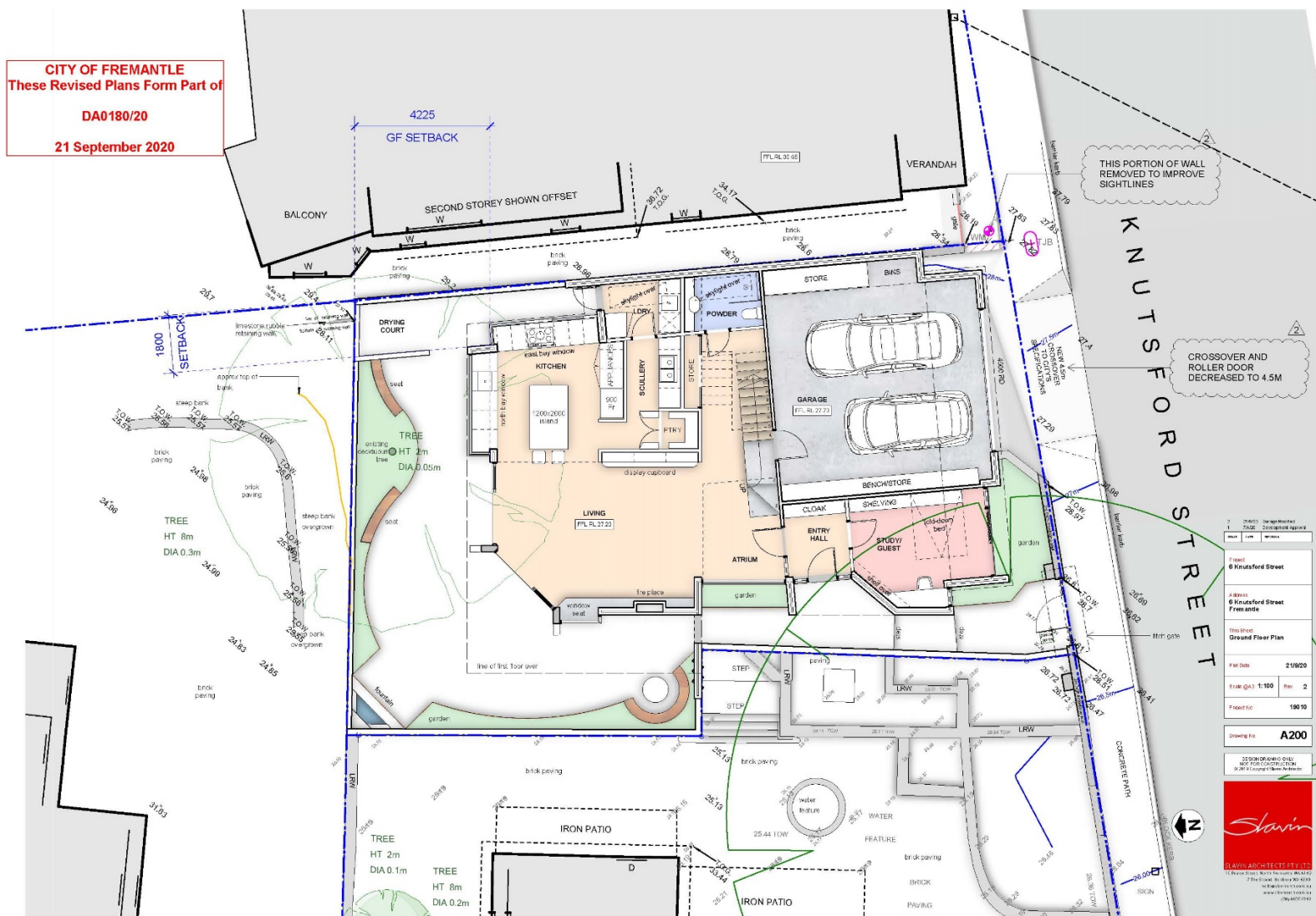
Ordinary Meeting of Council

Wednesday, 28 October 2020, 6.00pm

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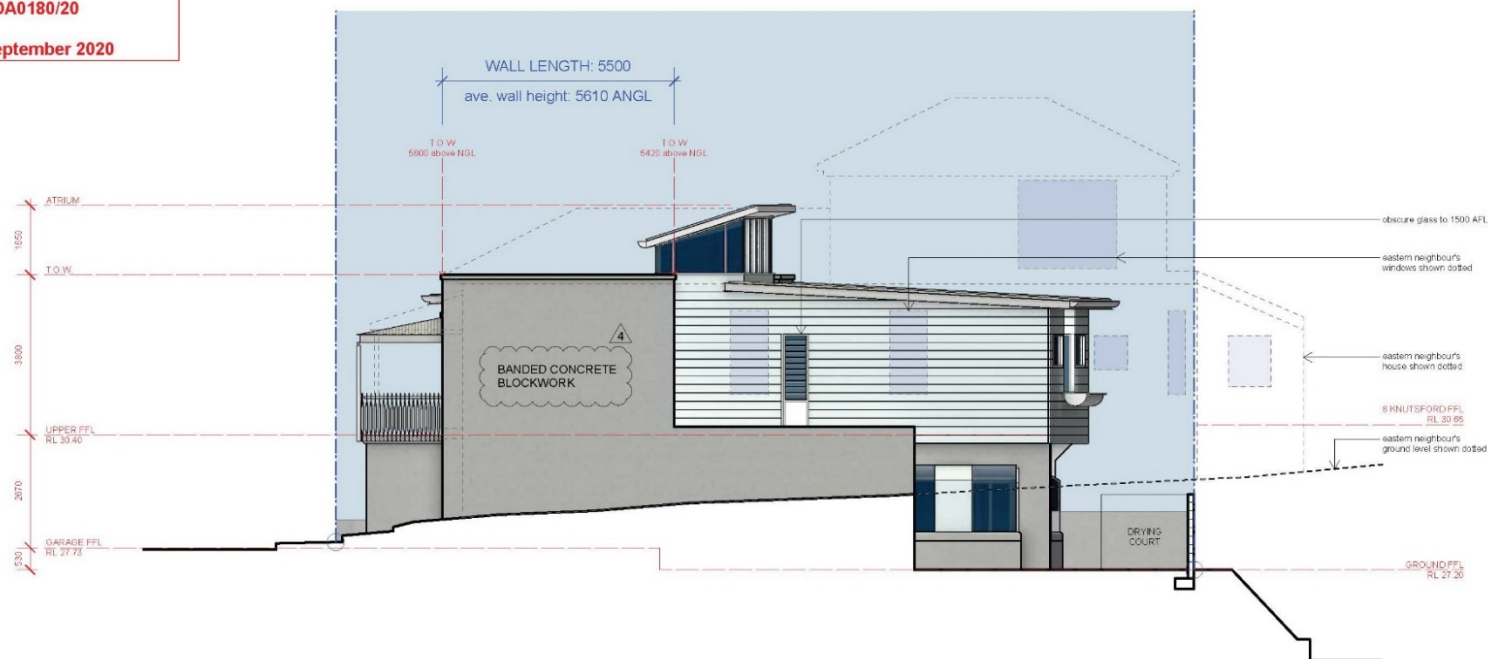
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PC2010 - 1 KNUTSFORD STREET, NO. 6 (STRATA LOT 2) FREMANTLE - TWO STOREY SINGLE HOUSE (TG DA0180/20)
Agenda attachment 1 – Amended Development Plans





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DA0180/20
21 September 2020



EAST ELEVATION
1:100

sheet	size	revision
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2	A3	2
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21 September 2020



NORTH ELEVATION
1:100

1.	2x 800 - Windows Modified
2.	17500 - Alterations Required
3.	39023 - Development Approval
Project	6 Knutsford Street
Address	6 Knutsford Street Fremantle
This Sheet	North Elevation
Plot Date	21/9/20
Scale (A3)	1:100
Rev	3
Project No	19010
Drawing No	A303
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700 DEEP PLANTER BOX TO OBSCURE SIGHTLINES TO NORTHERN NEIGHBOUR

24 degree sunlight angle in winter

7.5m cone of vision from upper floor balcony shown dotted

7.5 m

UPPER FFL RL 30.40

GROUND FFL RL 27.20

COURTYARD RL 24.98

Natural Ground Level shown dotted

ATRium

T.O.W.

L/SIDE V.O.H.

2200

2875

Garage FFL RL 27.75

1	31.500	Planter Box Detail
2	17.800	Upper Floor Detail
3	1.000	Ground Floor Detail

Project
6 Knutsford Street

Address
6 Knutsford Street
From site

Item	Location	Remarks

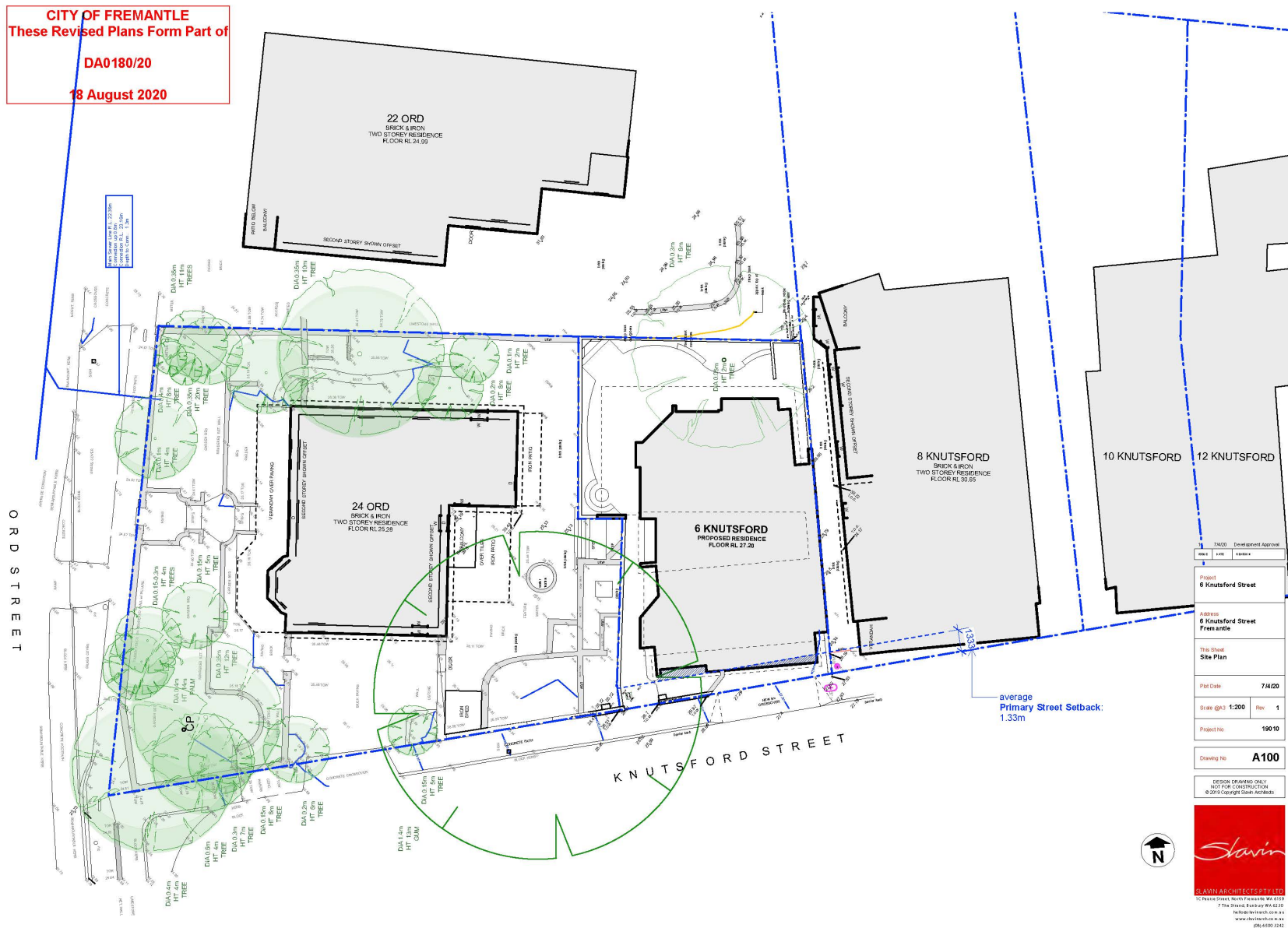
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2	17,800	Alumni and Roped
1	7,800	Development, Agriculture
street	route	network

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A Address	
G Knutsford Street	
F Fremantle	
T Title Street	
Section A	
PST Date	21/8/2015
STAK @A3 1:100	Free
Project No:	19015
Drawing No	A400

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DA0180/20	Development Approval
Project	6 Knutsford Street
Address	6 Knutsford Street Fremantle
This Sheet	Site Plan
Plot Date	7/4/20
Scale (A3)	1:200
Rev	1
Project No	19010
Drawing No	A100
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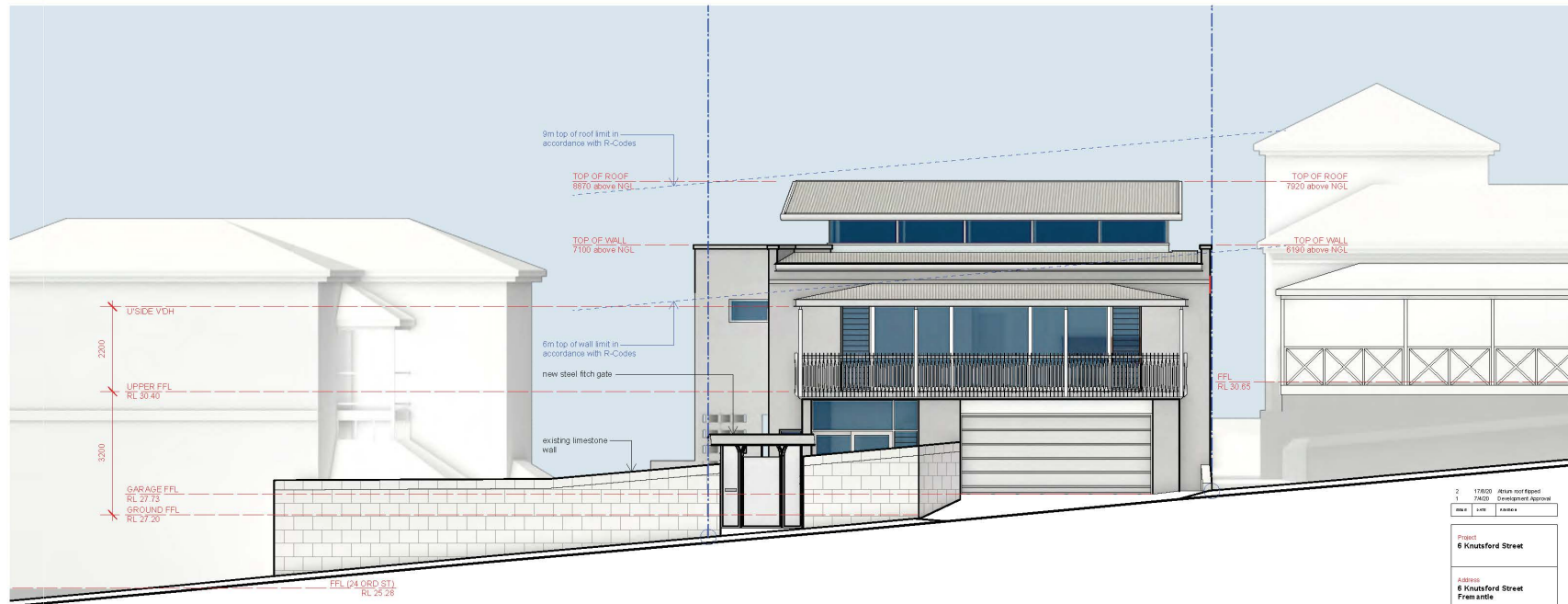




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DA0180/20

18 August 2020

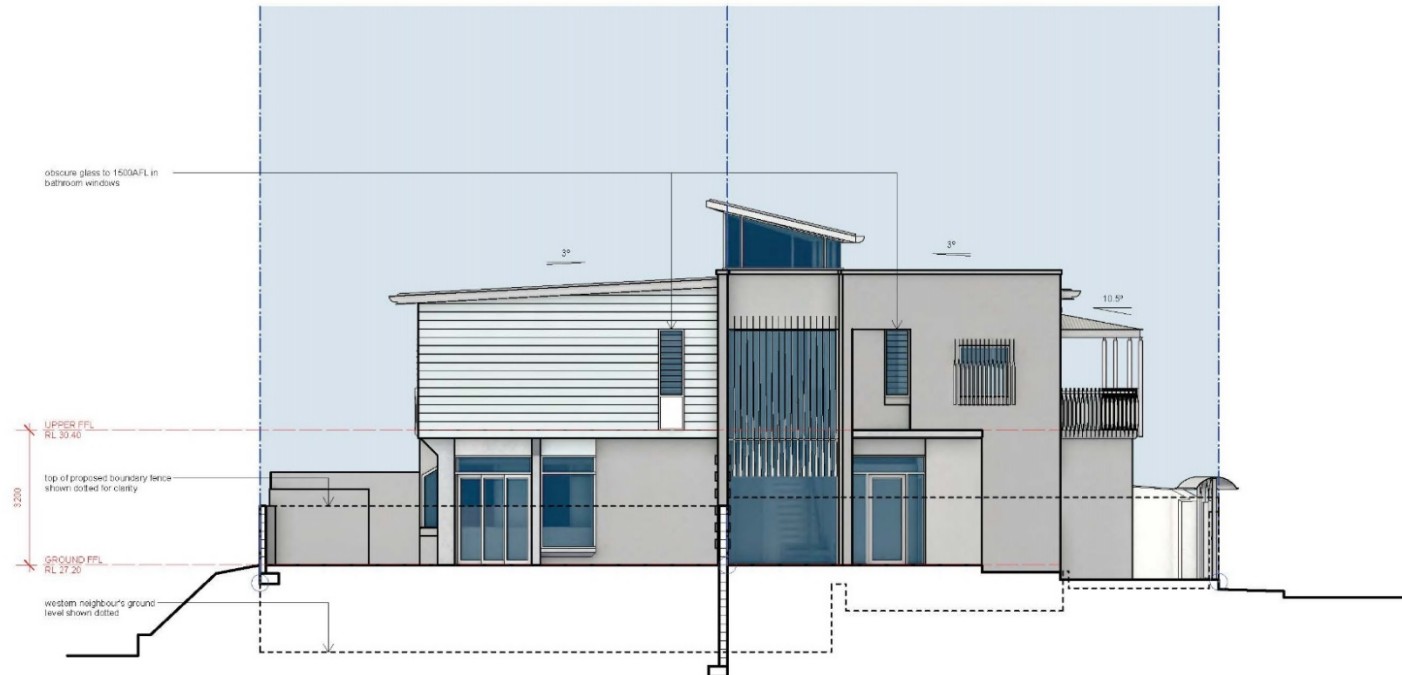


SOUTH ELEVATION (from Knutsford Street)
1:100

2	17/8/20	Drawn and signed
1	18/8/20	Development approval
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Address		
6 Knutsford Street		
Fremantle		
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South Elevation		
Plot Date		
17/8/20		
Scale @A3		
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Rev		
2		
Project No		
19010		
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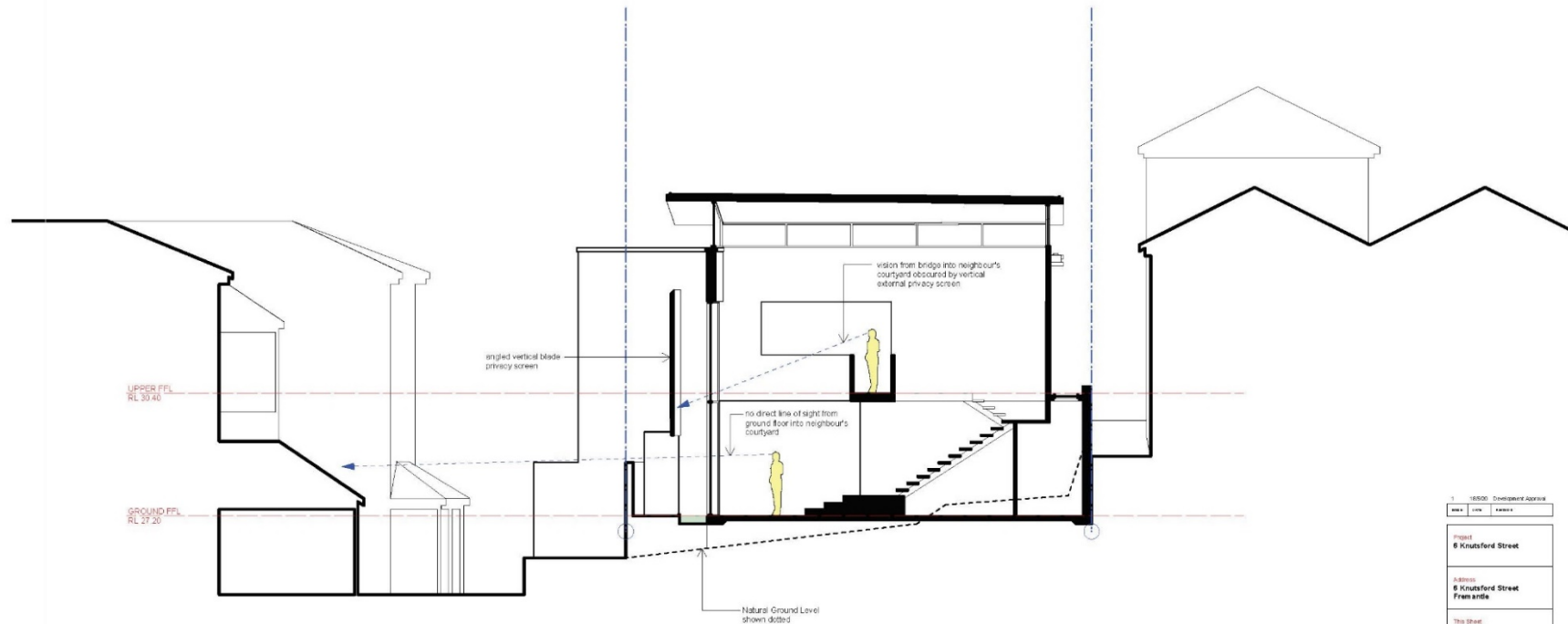


WEST ELEVATION
1:100

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100	17/8/20	Client Approval



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DA0180/20
18 August 2020



SECTION B - LOOKING NORTH
1:100

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Project 6 Knutsford Street		
Address 6 Knutsford Street Fremantle		
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Project No.	19010	
Drawing No		
A401		
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18 August 2020



2	17/02/20	After not signed
1	17/02/20	Development Approval
Rev	Rev	Rev
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6 Knutsford Street		
Address		
6 Knutsford Street		
Fremantle		
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View 2		
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Drawing No:		A901

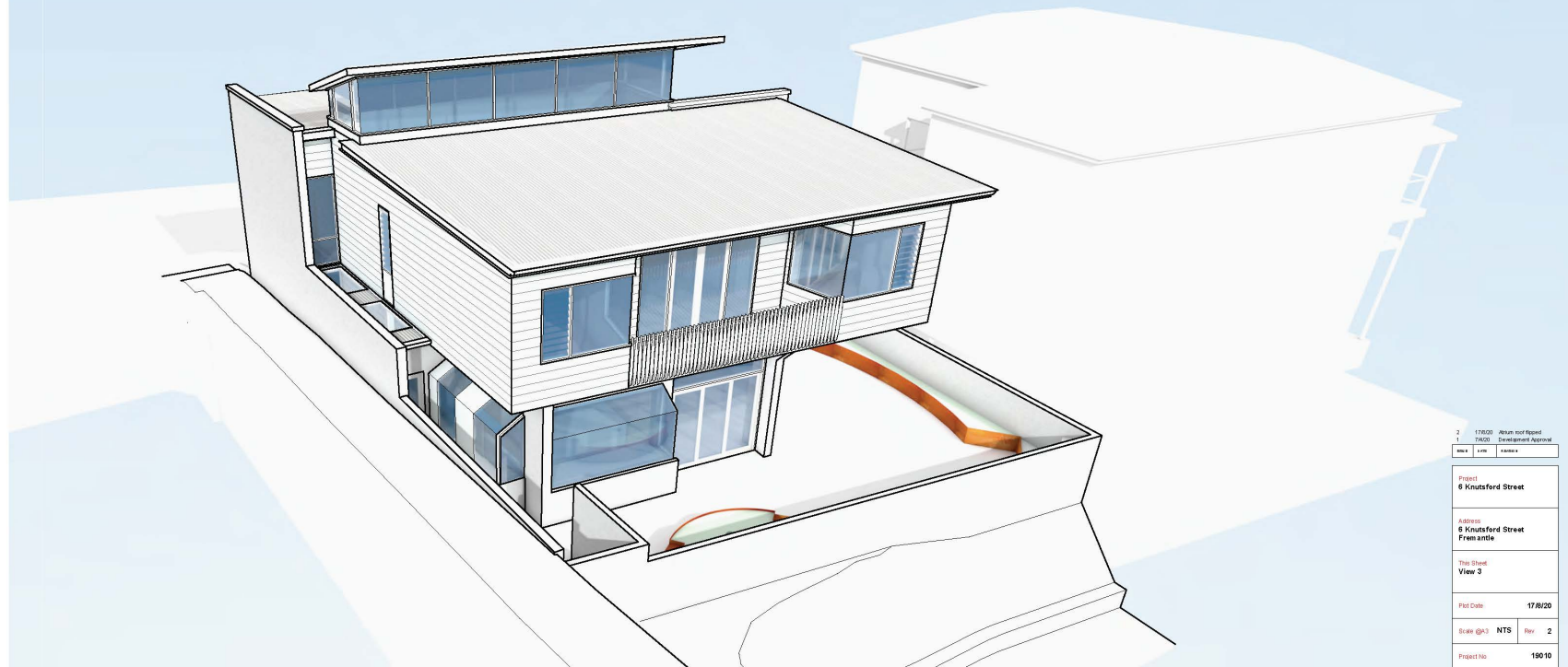
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18 August 2020



2	17/02/20	Revised Plans
1	17/02/20	Development Approval
SHEET 1 OF 1		
Project		
6 Knutsford Street		
Address		
6 Knutsford Street		
Fremantle		
Title Sheet		
View 3		
Plot Date		
17/02/20		
Scale @A3		
NTS	Rev	2
Project No		
10010		
Drawing No		
A902		

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SPT2010-3 LOCAL PLANNING POLICY REVOCATION – ENVIRONMENTAL HEALTH POLICIES DF1 AND DF 2

ATTACHMENT 1 - Local Planning Policy DF 1 – Environmental Health Management Objectives



ENVIRONMENTAL HEALTH MANAGEMENT OBJECTIVES

OBJECTIVE

The objective of this policy is to outline the goals of the Urban Environment and Control Department in matters relating to Environmental Health.

POLICY

1. Council's prime health promotion goal is to provide information and assistance to encourage community members to make rational decisions about their personal and environmental health.
2. Together with a multitude of statutory obligations, the following issues constitute the major objectives of Council's Environmental Health Department.

2.1 Commercial Food Surveillance

To ensure that all foods sold for human consumption in Fremantle are of a nature, substance and quality that is demanded by the aware consumer.

2.2 Water Surveillance

To ensure that the quality of domestic and recreational waters in the Fremantle Municipality are within the acceptable limits published by the World Health Organisation and WA State Authorities.

2.3 Air Pollution Surveillance

To ensure that the quality of air in Fremantle, in residences, commercial and industrial workplaces, is such that it is free from contaminants which are injurious to health.

2.4 Noise Pollution Surveillance

To ensure that neighbourhood noise levels are maintained at an acceptable level.

2.5 Pest Control

To produce and maintain an integrated pest control programme for the public areas of Fremantle.

2.6 Communicable Diseases

To keep Fremantle free from communicable disease.

2.7 Housing Standards

To ensure that all accommodation in Fremantle is physically structured to be conducive to a healthy occupancy.

2.8 Establishment And Operation Of Food Stalls

Monitoring the establishment and operation of food stalls in accordance with guidelines and regulations as stipulated in the Health Act 1911-1979 and Food Hygiene Regulations 1973 (copy of conditions and requirements available from the Urban Environment & Control Section).

2.9 Fairs And Festivals

To ensure that no food products are permitted to be sold from tents/stalls unless served in individual pre-wrapped portions, prepared and wrapped in approved premises and stored at a safe temperature until the point of sale.

2.10 Outdoor Concerts In Fremantle

The requirements for outdoor concerts are outlined in the document entitled "Outdoor Concerts in Fremantle".

2.11 Pollution Abatement Notices Served Under The Provisions Of The Environmental Protection Act

Pollution Abatement Notice (Noise) may be issued by Council under Section 65 of the Environmental Protection Act. They should only be lifted when Council is satisfied that the noise nuisance is not likely to recur. Unless exceptional circumstances apply, Pollution Abatement Notices will not be lifted for at least two years from the date of issue (See Register of Delegations: 4.3).

2.12 Use Of Performing Animals In Circuses Within The City Of Fremantle

Council in general supports the RSPCA policy on the use of animals in entertainment. Council will not permit circuses on Council reserves where those circuses incorporate performing animals.

Adopted: 21/10/91, 19/10/92
Amended: 21/10/91, 19/7/93, 18/7/94

ATTACHMENT 2 - Local Planning Policy DF 2 – Use of Dangerous Chemicals



USE OF DANGEROUS CHEMICALS

OBJECTIVE

The intention of this policy is to outline the use of specified chemicals on land controlled by the City of Fremantle.

POLICY

1. Where the use of dangerous chemicals for the control of pests is deemed necessary, the least toxic chemicals are to be used.
2. Council equipment used for spraying pesticides (eg. sprayers, hoses, hose connections) be regularly tested and maintained in fully functioning order.
3. New Council buildings or additions to Council buildings which are of concrete slab on the ground construction and which require termite treatment under the Local Laws be excluded from the prohibitions outlined above.
4. The specified chemicals applicable to this policy are as follows:
 - . DDT
 - . 245T (Dioxin)
 - . Paraquat
 - . Aldrin - Dieldrin
 - . Chlordane - Heptachlor
 - . Lindane
 - . Ethylene - Dibromide
 - . Pentachlorophenol (PCP)
 - . Parathion
 - . Arsenic
5. Council advises that the use of organochlorins for the control of Argentine Ants on land over which the City of Fremantle has control is not encouraged.

Adopted: 15/2/88

SPT2010-4 WATER CONSERVATION STRATEGY REVIEW AND NEW ACTION PLAN

ATTACHMENT 1 - Draft Water Conservation and Efficiency Plan 2020-2025



Water Conservation and Efficiency Plan 2020 - 2025

Cover to be designed in consultation with CoF Graphic Designer.

- High res landscape image (e.g. as used in community engagement).
- Logo.
- Title.
- Adoption date.

Water Conservation and Efficiency Plan 2020 - 2025

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Monitoring, Reporting and Review	10
Action Plan	11

Introduction

The City of Fremantle (City) has a strong focus on providing environmental leadership for the benefit of current and future generations. This is reflected in the City's Strategic Community Plan and commitment to One Planet Living which promote sustainability and environmental responsibility as core values. It is also reflected in the series of detailed strategies and action plans which sit under the Strategic Community Plan and outline the steps Council wishes to take in pursuit of its goals.

The City acknowledges sustainable management of our water resources as vital to the ongoing health and wellbeing of our community. As a local government, one of our key roles in this is to manage scheme and ground water use for our facilities, parks and landscapes. Responsible water management extends well beyond reducing consumption, however, and includes management of stormwater, groundwater recharge, waterway pollution and health. Councils can also play a role in promoting responsible water use and practice in the community.

Fremantle Council's approach to water management was previously documented in the Water Conservation Strategy it adopted in 2014 under the ICLEI Local Governments for Sustainability Water Campaign. Since development of that documents, the City has achieved Waterwise Aquatic Centre and Waterwise Gold Council status in recognition of its efforts and achievements.

This Water Conservation and Efficiency Plan (Plan) represents an update and replacement of the 2014 Water Conservation Strategy, guiding the City's ongoing efforts to improve water conservation and management, and help our community to do so also, where possible.

Purpose

Water Conservation and Efficiency Plan (2020-2025) – City of Fremantle

The purpose of this Plan is to set out the approach and actions the City wishes to take over the next five years to conserve scheme and ground water and use water sources in the most efficient way possible. The Plan also consolidates the various monitoring and reporting requirements associated with the City's Bioregional One Planet and Water Wise Gold accreditation.

Policy Context

The City works within the context of state government regulation of water extraction and use, as outlined in the Department of Water (now Department of Water and Environmental Regulation - DWER) Strategic Plan 2015-2020 and Water Corporation's Waterwise Perth Action Plan. These documents aim to support Western Australia's community, economy and environment by providing high level advice for managing water sustainably.

The City has several strategic documents that support this plan, the most important being the Strategic Community Plan 2015-2025 (SCP). Providing the overarching direction for the City's work, the SCP includes the key focus area for *Environmental Responsibility*, which includes responsible management and use of water, management and lists management of "water usage through minimization and reuse strategies" as a specific objective.

In addition to the high-level direction provided by the SCP, the City has been a One Planet Council since 2014, using the framework to shape an integrated approach to sustainability. This includes 'Sustainable Water' as one of 10 principle areas, reinforcing the direction provided in the SCP. Pursuit of a 10% (or greater) reduction to corporate and community use of scheme and ground water has been a consistent target.

Reduction of water use and better water management can, however, be challenging, particularly given the high capital costs of

water infrastructure. Competing priorities to maintain green spaces and increase satisfaction with public recreation spaces can also create a tension.

Increases in population are also expected to contribute pressures on water reserves. The City of Fremantle currently has a population of approximately 34,000, which could grow up to 42,500 by 2036. Additional residents will impact on corporate and community scheme and groundwater use. Increased visitation to the City for recreation, work and entertainment (another strategic objective of Council's) may further impact water use, and affect how the City manages both scheme and ground water in these key activity areas.

Water security is a key focus area of the Greening Fremantle Strategy 2020, which also identifies the importance of managing green spaces for optimum function and amenity. The document plans for future water security by identifying fit for purpose water resources, water efficiency measures and opportunities for the most appropriate water sources for existing and new open space. Details for maintaining and planning for individual reserves are covered in various operational asset management and parks and landscape management plans. A review of recreational needs currently occurring may also influence future demand.

Background

The actions in this Plan have been developed based on the review of the 2014 Water Conservation Strategy, strategic priorities, relevant literature and in discussion with Water Corporation and DWER. Key findings are summarised below.

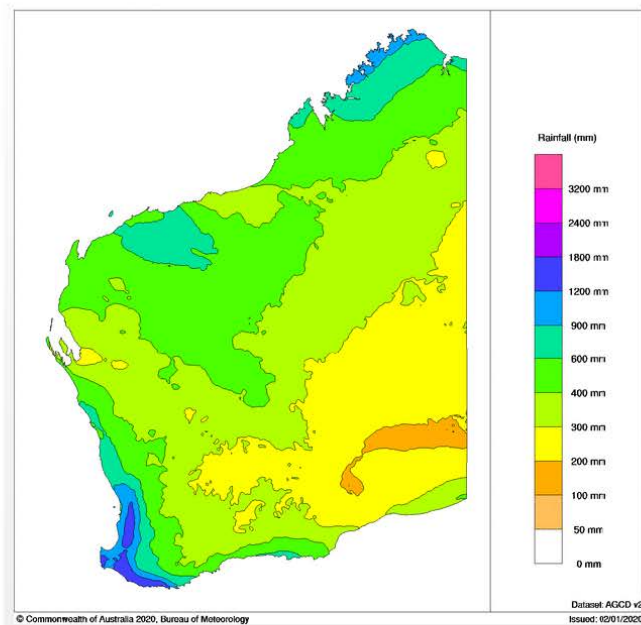
Research/Evidence

Australia and Western Australia is experiencing a drier climate with hotter temperatures, less annual rainfall and increasing severe

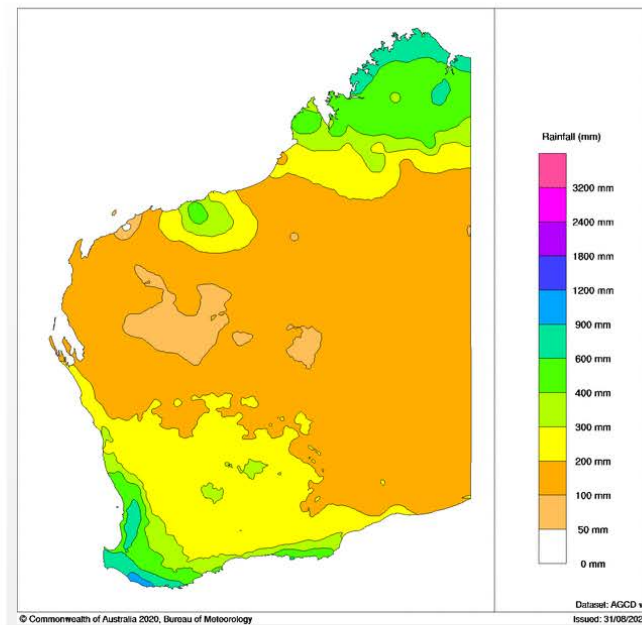
storm events. This directly impacts the availability of scheme and ground water, the amount required to maintain the quality of the City's parks and reserves, and the proper functioning of drainage, and ecosystems.

The CSIRO and Bureau of Meteorology 2018 'State of the Climate Report' states that:

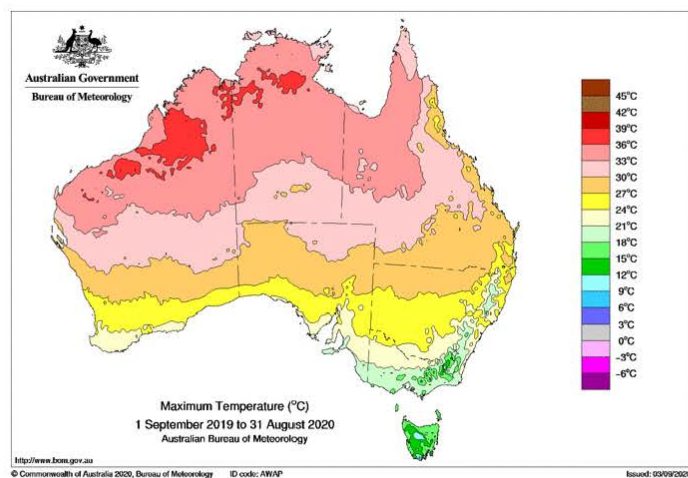
- Australia's climate has warmed 1 degree, since 1910, leading to an increase of extreme heat events.
- There has been a shift towards drier conditions across southwestern and southeastern Australia during April to October.
- For short-duration, hourly, extreme rainfall events, observations in Australia generally show a larger than 7 per cent increase. Short-duration extreme rainfall events are often associated with flash flooding.



1900 annual rainfall (Source: Bureau of Meteorology)



2019 annual rainfall (Source: Bureau of Meteorology)



Max. Temperatures Australia 2019-2020 (Source: Bureau of Meteorology)

The Water Corporation reports:

- Rainfall has dramatically decreased in many areas of our state.
- The amount of streamflow to dams generated from each millimetre of rainfall continues to decline.

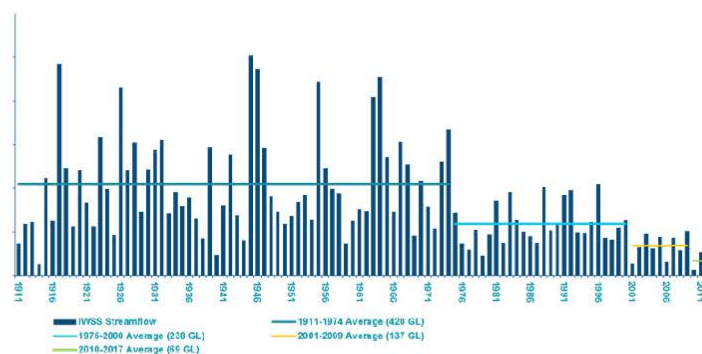
The Water Corporation's response to this declining rainfall trend is to:

- Invest in climate resilient water sources such as desalination, groundwater replenishment and water recycling.
- Focus on innovation, to reduce environmental footprint by reducing energy consumption and embracing renewable sources.

- Seek to inspire positive action in our community to adopt waterwise practices and drive water efficiency improvements.

Water sources for the largest scheme, the Integrated Water Supply Scheme (IWSS) have changed dramatically. Water for the IWSS is now comprise of a combination of sources, including desalinated seawater, groundwater, groundwater replenishment and streamflow into dams.

Water Corporation research indicates that overall, household water use has decreased, although the greatest residential scheme water use remains for the garden.



Changes in IWSS streamflow 1975-2017 (Source: Water Corporation)

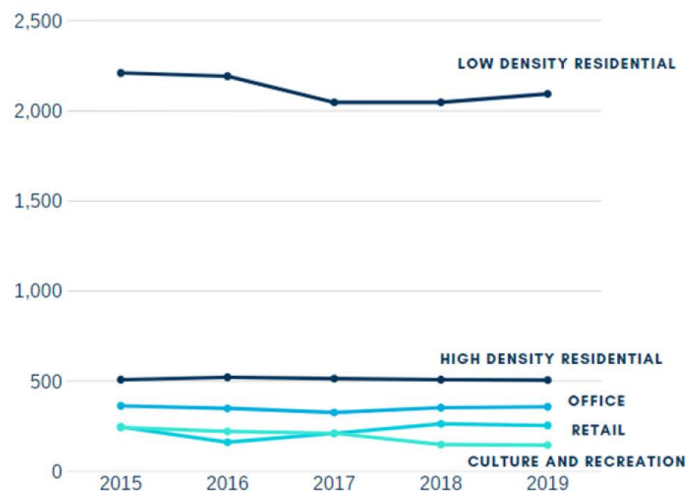
City of Fremantle Context

The City's population is currently at 34,129 and could increase up to 24% to 42,440 by 2036 (Profile id). The primary land use by area in the City is residential, however the City also includes areas of significant industrial, hospitality and commercial land use.

Low density residential consumes the most scheme water (54%) followed by high density residential (13%) office/business (9%) retail/wholesale (7%) and health/community (5%). The remaining land use activities include recreation, education, manufacturing, utilities and government.

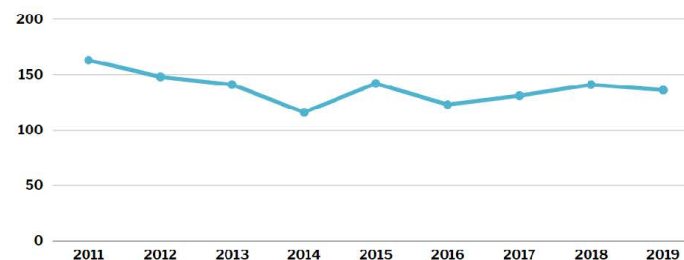


City has 58 parks and landscape features (with associated water using amenities) 14 facilities and 48 leased buildings which require scheme or groundwater.



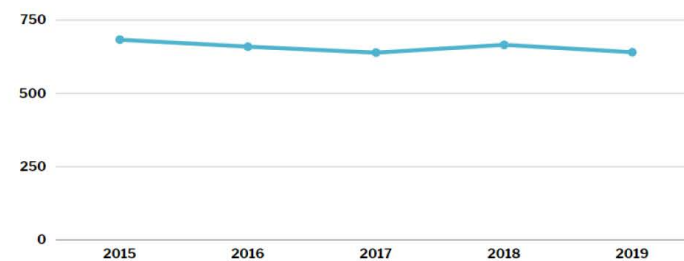
Water Conservation and Efficiency Plan (2020-2025) – City of Fremantle

In accordance with the 2014 Water Conservation Strategy, One Planet water use reduction targets and Waterwise action plan, the City has been reducing scheme use over time from 173,000kL in 2009 to 136,000kL 2019.



Corporate Scheme Water Consumption (kL per year)

The City has a groundwater allocation of 708,000kL, which it must not exceed unless approval is given by DWER. The City has consistently remained under the allocation.

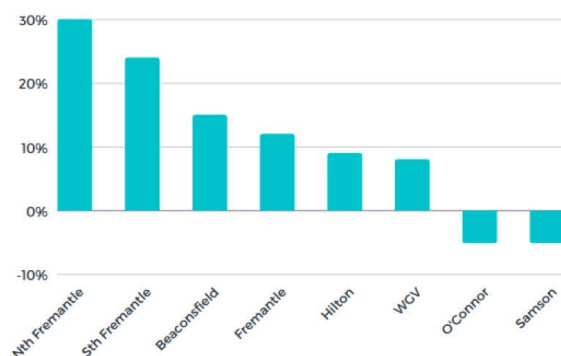


Corporate Ground Water Consumption (kL per year)

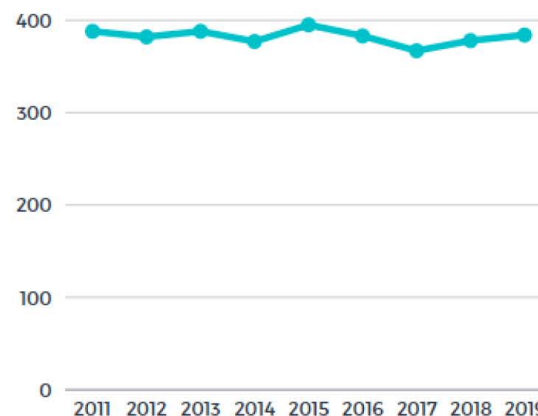
The community has been reducing scheme water use over time also, from an overall water use of 3.9 million kL in 2009 to 3.8

million kL in 2019. Overall, City residents use less scheme water when compared to the Perth 2019 metropolitan average of 219kL per household per year, with the suburb of Fremantle using the least at 142kL per household per year.

Some suburbs use more scheme water than others, mainly those with bigger lot, house and garden sizes, with an increase in commercial/industrial use likely to attribute to the overall increase in scheme water in O'Connor.



Suburb water saving percentage since 2001



Community Scheme Water Use (million kL per year)

There are fluctuations over time, however the overall trend is a reduction in community scheme water use.

Recommendations

The implementation of the actions from the Water Conservation Strategy, One Planet Strategy and Waterwise program have resulted in a reduction in scheme and groundwater use across the City as an organisation and in the community. Ongoing pursuit many actions from these documents is consequently recommended under this Plan.

Water Efficiency and Reduction Targets

It is recommended that the corporate and community target scheme water reduction of 10% be continued for a further ten years from 2020, using updated 2019 baselines. This is in line

with statewide scheme water reduction targets (Water Forever, Whatever the Weather – Water recycling and efficiency).

Corporate Scheme Water Use



136,000kL



122,000kL

Community Scheme Water Use



3.8 million kL



3.7 million kL.

Suburb	2019 pop	2019 total consumption (1000kL per year)	2019 consumption per person (1000kL per year)	10% total reduction target	2030 pop	2030 consumption target (1000kL per person per year)
North Fremantle	4545	169	37.1	152	4509	33.7
South Fremantle	3393	177	52.1	159	3950	40.3
Beaconsfield	5546	207	37.3	186	6857	27.1
Fremantle	10,358	142	13.7	127	15,895	8
Hilton	4832	386	79.8	347	4934	70.4
White Gum Valley	3349	201	60	180	3286	55
O'Connor	570	36	63	32	641	49
Samson	2107	269	127.6	242	2109	114.7

O'Connor residential water use has only been accounted for due to the very small number of residences and the majority of land-use being industrial/commercial (to gain a more comparable per person target). Low and High density residential 2019 water use has been used. The City will liaise with Water Corporation with its Water Wise Business program and monitor industrial/commercial water use as per the annual Water Wise Council action plan reporting (refer action 3.1.1). Assumes a small increase in population due to subdivision. Population projections otherwise from Profile id.

Groundwater allocations are set by the DWER and penalties apply for overuse of the allocation. The previous strategy and One Planet Strategy set a target to reduce groundwater use by 10% by 2020. In 2019 the City used only 660,000kL, which was significantly under the 708,000kL allocation. Due to the social, environmental and health and well-being associated with healthy green spaces together with uncertainty over potential changes in demand, a specific reduction target is not recommended. Rather, the City remains committed to use below its groundwater allocation, using groundwater as efficiently as possible and investigating alternative water supplies (see actions) to reduce demand on the aquifer.

Water Conservation and Efficiency Plan 2020 - 2025

Five priority areas have been identified for improving efficiency of water use and resilience to the changing climate and extreme weather events.

Topic 1 – Corporate Scheme Water Use and Efficiency

Plan for future water saving/efficient facilities, amenities and parks and landscapes. Implement best practice water efficiency measures. Improve overall water use monitoring to effectively manage water use and efficiency.

Topic 2 – Corporate Ground Water Use and Efficiency

Implement best practice park and landscape design and upgrades. Implement water efficient irrigation. Improve overall water use monitoring to effectively manage water use and efficiency.

Topic 3 – Community Scheme Water Use and Efficiency

Work and partner with Water Corporation to identify and implement Waterwise community programs and education/promotion of the benefits of water conservation and efficient use. The City also supports community programs such as “Living Smart” which includes water efficiency and conservation education.

Topic 4 – Water Recycling and Re-use

Investigate fit for purpose alternative water sources for corporate facilities, amenities and parks and landscapes and ways to recycle and re-use waste water. To plan continuing water supplies in a drying climate and for potential groundwater restrictions. Apply best practice

stormwater management. Stormwater management and re-use is also identified in the Climate Adaptation Plan.

Topic 5 – Drought Contingency

The City will ensure that it is prepared for droughts, particularly as climate change is expected to exacerbate the frequency and intensity of droughts.

Monitoring, Reporting and Review

The Water Conservation and Efficiency Plan will be monitored and reported annually via the Gold Council Waterwise and One Planet Strategy reporting frameworks.

The targets set in this Plan are for ten years, but the Plan will be reviewed in 5 years (2025).

Action Plan

Action	Recommendation Type (Policy or Management Approach, One off Action or Advocacy)	Responsibility	Priority	Sequencing & stages	Resourcing
Topic 1 – Corporate Scheme Water Use and Efficiency					
<i>Recommendation 1 – Improve understanding and monitoring of Corporate scheme water use for facilities and amenities. Improving water use data collection and dissemination will improve water and facility management e.g. early leak detection.</i>					
1.1.1 Roll out of water meter data – loggers at key city facilities (higher water users)	Management Approach	Facilities and Environmental Management	H	Implement in stages 2020 – 2025 or when a facility is upgraded (including plumbing)	\$1500 per logger unit (approx. \$15k) \$240 per year monitoring
1.1.2 Conduct water fixture audit of key City leased facilities (higher water users)	One off Action	Facilities and Environmental Management	M		Operational
1.1.3 Roll out of water meter data loggers at key City leased facilities	Management Approach	Facilities and Environmental Management Economic Development (Lease)	L	Following Action 1.1.2	\$1500 per logger unit (approx. \$15k)
1.1.4 Identify water saving/efficient measures in key leased facilities to inform future improvements	One off Action	Facilities and Environmental Management	M	Following Action 1.1.3	Operational

Recommendation 2 – Implement water saving measures in City facilities. Including continuous improvement of water saving fixtures and operations					
1.2.1 Apply Sustainability Checklist for maintenance audits and upgrades	Management Approach	Facilities and Environmental Management	M	Ongoing	Operational
1.2.2 Install water efficient fixtures in all City facilities	Management Approach	Facilities and Environmental Management	H	Ongoing – as per maintenance/upgrade schedules and new facility builds	Cost TBC and will depend on the scale and complexity of the project
Recommendation 3 – Ensure organisational communication and collaboration for water conservation and efficiency for programs and projects					
1.3.1 Continue cross directorate Sustainability collaboration meetings & activities	Management Approach	Facilities and Environmental Management Parks and Landscapes Strategic Planning	H	Ongoing	Operational
Recommendation 4 – Corporate partnerships, programs and support.					
1.4.1 Continue to be accredited with Water Corporation's Water Wise Aquatic Centre and Council program	Policy	Fremantle Leisure Centre Strategic Planning	H	Annual	Operational
1.4.2 Continue to seek opportunities to support/partner with development stakeholders for water efficient/conservation	Advocacy	Strategic Planning	M	As per development/projects arise	Operational

development and projects					
Topic 2 – Corporate Ground Water Use and Efficiency					
<i>Recommendation 1 – Implement hydrozoning and irrigation efficiency/best practice in all public open space across the City</i>					
2.1.1 Progressively implement irrigation upgrades for City parks and landscapes	One off action	Parks and Landscapes	H	Annually	Variable. Cost estimates obtained via the PID, design and quote/tender process
2.1.2 Progressively implement hydrozoning for City irrigated parks and landscapes.	One off action	Parks and Landscapes	H	Annually	Variable. Cost estimates obtained via the PID, design and quote/tender process
2.1.3 Apply best practice WSUD to new and existing parks and landscape maintenance and upgrades (including endemic/waterwise planting)	One off action	Parks and Landscapes Strategic Planning	H	Per project	Operational. Cost implications as a component of design variable: defined via PID, design & quote / tender process.
Topic 3 – Community Scheme Water Use and Efficiency					
<i>Recommendation 1 – Partner and collaborate with Water Corporation and other stakeholders to communicate the benefits of water conservation and efficiency.</i>					
3.1.1 Partner with Water Corporation's Water wise community and business program/s	Advocacy	Parks and Landscapes Strategic Planning Communications and Events	H	Annually	Operational (grants apply for programs under Waterwise Gold Council's)
3.1.2 In communication with Water Corp. develop an annual communication plan on	Advocacy	Strategic Planning Communications and Events	H	Following action 3.1.1	Operational

water efficiency news and programs					
3.1.3 Identify and communicate other water efficiency and conservation programs and projects	Advocacy	Strategic Planning Communications and Events	M	Following action 3.1.1	Operational
3.1.4 Continue to provide free mulch to residents	Management approach	Parks and Landscapes	H	Annually	Annual budget
3.1.5 Continue to participate in the residential Verge Gardens program.	Management approach	Parks and Landscapes	H	Annually	Annual budget
3.1.6 Continue to provide subsidized water wise endemic plant species for residents	Management approach	Parks and Landscapes	H	Annually	Annual budget
Topic 4 - Water Recycling and Re-use					
<i>Recommendation 1 – Continue to investigate alternative fit for purpose water supply options for facilities and parks and landscapes in light of a drying climate, scheme water costs and water security. In line with actions from the Greening Fremantle Strategy 2020, One Planet Sustainable Water and Climate Adaptation Plan.</i>					
4.1.1 Investigate storm water outflow locations, volumes and water quality	One off action	Asset Management Facilities and Environmental Management	M		Approx. \$20,000
4.1.2 Identify opportunities for stormwater re-use and cost estimates	One off action	Facilities and Environmental Management Strategic Planning	M	Following Action 4.1.1	Operational

4.1.3 Undertake a Stormwater Management Plan to inform future upgrades and projects to manage and re-use stormwater	One off action	Asset Management Parks and Landscapes	M	As per Corporate Business Plan and project identification process	Approx. \$80,000
4.1.4 Continue to investigate opportunities for water recycling and re-use for City facilities and parks and landscapes	Management approach	Asset Management Parks and Landscapes Facilities and Environmental Management Strategic Planning	M	Ongoing	Operational
Recommendation 2 – Strategic Planning and assessment direction and improvements					
4.2.1 Apply Water Sensitive Urban Design assessment for City and other structure plans	Policy position	Strategic Planning	H	Ongoing	Operational
4.2.2 Apply Water Corporation “Waterwise Garden Design Guidelines” in landscaped assessment.	Policy position	Strategic Planning	H	Ongoing	Operational
4.2.3 Update LPP1.10 Construction Sites for best practice stormwater management and user friendliness	One off action	Strategic Planning Statutory Planning and Building	L	As part of general policy review	Operational
4.2.4 Update SG40 Greywater Re-use Systems policy for greater user friendliness	One off action	Strategic Planning Environmental Health	L	As part of general policy review	Operational

Topic 5 – Drought Contingency					
<i>Recommendation 1 – Develop a Drought Contingency Plan in line with stages of urgency defined by the Department of Water, that will identify priority areas for preservation and water reduction in a drought situation.</i>					
5.1.1 Develop Drought Contingency Plan	One off action	Strategic Planning	H		Operational
5.1.2 Develop communications strategy for drought situation	One off action	Strategic Planning	H	Developed in combination with 5.1.1	Operational

NOTE: Actions listed here will be assessed against other strategic priorities of the City through the corporate budgeting process. Inclusion of an action on this list does not commit the City to delivering it: however it identifies it as desirable and allows it to be scoped and fed into the corporate prioritization process.

Responsibility and review information	
Responsible officer:	Manager/Director/CEO
Document adoption/approval details	Approval/adoption date Proof of adoption/approval - meeting name or document no#
Document amendment details	Amendment approval/adoption date Proof of adoption/approval - meeting name or document no#

SPT2010-5 ONE PLANET STRATEGY – REVIEW & REVISED ACTION PLAN

ATTACHMENT 1 - One Planet Fremantle Framework (Draft)



Mayor's forward

TO BE INCLUDED AFTER ADOPTION

Bioregional statement

TO BE INCLUDED AFTER ADOPTION



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One Planet Fremantle Framework 2020

The City of Fremantle's Strategic Community Plan clearly shows the community's passion for creating a sustainable world that values people and the environment. For this reason, One Planet Living has been a part of the Fremantle sustainability story for 5 years, guiding the City's progress towards minimising resource use and maximising happiness, for its own operations and in the community.

This document explains how One Planet Living continues to guide and be used as a lens through which to view and track the sustainability of the City's operations and work with its community.

Climate and Biodiversity Emergency

On 22 May 2019 at the Ordinary Council Meeting, City of Fremantle councillors unanimously supported a letter from the Fremantle Youth Network asking for the City to commit to advocate on its behalf for action on climate change. In doing so, the Council declared a climate and biodiversity emergency, and acknowledged that all levels of government must take urgent and decisive action to address the problem.

Making this declaration means that the City of Fremantle recognises that the community it serves continues to value the environment highly and wants the City to both undertake and advocate for action to prevent climate change and biodiversity loss. The One Planet Fremantle Framework, due to its holistic and comprehensive scope, will help the City to take action on these connected ecological emergencies.

One Planet Living

One Planet Living is a vision for a sustainable world where people lead healthy, happy lives within their fair share of the earth's resources. Created and overseen by not-for-profit organisation [Bioregional](#), it is based on ten principles of sustainability that provide a holistic framework to plan, deliver and communicate sustainability for organisations, cities and developments.

Ten principles

The One Planet Fremantle Framework comprises of 10 principle areas:

- Health and happiness
Encouraging active, social, meaningful lives to promote good health and wellbeing.
- Equity and local economy
Creating safe, equitable places to live and work which support local prosperity and international fair trade.
- Culture and community
Nurturing local identity and heritage, empowering communities and promoting a culture of sustainable living.
- Land and nature
Protecting and restoring land for the benefit of people and wildlife.

- Sustainable water
Using water efficiently, protecting local water resources, and reducing flooding and drought.
- Local and sustainable food
Promoting sustainable humane farming and healthy diets high in local, seasonal organic food and vegetable protein.
- Travel and transport
Reducing the need to travel, encouraging walking, cycling and low carbon transport.
- Materials and products
Using materials from sustainable sources and promoting products which help people to reduce consumption.
- Zero waste
Reducing consumption, reusing and recycling to achieve zero waste and zero pollution.
- Zero carbon energy
Making buildings and manufacturing energy efficient and supplying all energy with renewables.

Most of these principles directly or indirectly align with goals and objectives within the Strategic Community Plan.

One Planet Fremantle Framework

The purpose of the One Planet Fremantle Framework is to:

- Provide a lens and peer review process through which to view and assess the City of Fremantle's progress towards sustainability.
- Set One Planet Living targets which are measurable and meaningful, and align with the strategic direction provided in the Strategic Community Plan.
- Identify the indicators against which progress will be tracked and reported.
- Recognise that the City can increase the sustainability of its own operations while providing support and advocacy to influence the sustainability of the Fremantle community.

The Framework has a nominal ten-year timeframe, though with capacity for earlier review to update targets and indicators as progress is achieved and to maintain alignment with the Strategic Community Plan.

The Framework is supported by an Action Plan which will guide and track the City's progress.

Targets

In addition to the numerous activities it undertakes and approaches it applies to advance the 10 One Planet Living principles, the City of Fremantle has set the following specific One Planet Living targets, which will provide a specific focus, and be tracked and reported on annually:

Equity and local economy

4

- 2% total procurement target for goods and services from Aboriginal and Torres Strait Islander owned businesses, managed and/or staffed businesses.
- 4% of City employees are Indigenous and/or Torres Strait Islander people.

Land and nature

- Average of 1000 trees per year as per annual tree planting targets in Urban Forest Plan.
- Increase tree canopy cover to 20% by 2027.

Sustainable water

- Corporate ground water: do not exceed allocation set by Department of Water.
- Corporate scheme water: reduce 10% over the next 5 years based on 2019 data.
- Community scheme water: 10% reduction over the next 5 years based on 2019 data.

Travel and transport

- Reduce journey-to-work mode share of for private car to 45% by the 2026 Census (down from 50% in 2016).
- To 2025, maintain at least 50% of staff commuting without a car for the majority of the journey; increase this to 70% 2030.

Zero waste

- Meet WA state targets of 67% diversion from landfill by 2025 and 70% by 2030 of business and household waste, exceeding this wherever possible.

- 80% of residents have access to FOGO by 2025.
- Reduce waste generated by City operations by 20% (from 2018/19 baseline).

Zero carbon energy

- Power City of Fremantle buildings, parks and streetlights with renewable electricity by 2025.
- Maintain carbon neutral status through to 2030 by minimising emissions and purchasing accredited offsets.

Progress to towards meeting the remaining principles and outcomes will also be tracked and reported on qualitatively.

Reporting, Monitoring and Review

The One Planet Fremantle Framework will be reported on annually to Bioregional for peer review and feedback on how the City is tracking, and opportunities for further improvement. The report includes detailed data on the One Planet Living targets and yearly highlights for each principle area. These highlights will be also provided in the One Planet Living Annual Summary Report.

ATTACHMENT 2 - One Planet Action Plan 2020-2025 (Draft)



Draft One Planet Fremantle Action Plan 2020-2025



Adopted:



Draft One Planet Fremantle Action Plan 2020-2025

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Introduction

The City of Fremantle's Strategic Community Plan clearly shows the community's passion for creating a sustainable world that values people and the environment. For this reason, One Planet Living has been a part of the Fremantle sustainability story for 5 years, guiding the City's progress towards minimising resource use and maximising happiness, for its own operations and in the community.

One Planet Living is a vision for a sustainable world where people lead healthy, happy lives within their fair share of the earth's resources, created and overseen by not-for-profit Bioregional. It is based on ten principles of sustainability that provide a holistic framework to plan, deliver and communicate sustainability for organisations, cities and developments.

	Health and happiness	Encouraging active, local, meaningful lives to promote good health and wellbeing
	Equity and local economy	Creating safe, equitable places to live and work which support local prosperity and international fair trade
	Culture and community	Nurturing local identity and heritage, empowering communities and promoting a culture of sustainable living
	Land and nature	Protecting and restoring land for the benefit of people and wildlife
	Sustainable water	Using water efficiently, protecting local water resources and reducing flooding and drought
	Local and sustainable food	Promoting sustainable humane farming and healthy diets high in local, seasonal organic food and vegetable protein
	Travel and transport	Reducing the need to travel, encouraging walking, cycling and low carbon transport
	Materials and products	Using materials from sustainable sources and promoting products which help people reduce consumption
	Zero waste	Reducing consumption, re-using and recycling to achieve zero waste and zero pollution
	Zero carbon energy	Making buildings and manufacturing energy efficient and supplying all energy with renewables

The principles correspond and align with goals, objectives and outcomes of the Strategic Community Plan and the City of Fremantle consequently uses the One Planet Living framework to

guide and review its activities to ensure they align (refer One Planet Living Fremantle Framework).

Purpose

The purpose of the One Planet Action Plan is to outline some of the City of Fremantle's priority activities to advance One Planet principles and the overarching goal of sustainable living for the next five years. The Plan focusses on corporate activities which the City can control but also includes initiatives aimed at enabling and supporting community actions.

The Plan is not a comprehensive review of all activities which contribute to One Planet Living but rather a snapshot of some of the key priorities for the next few years. It does not seek to duplicate the full organizational business plan but to illustrate how key focus activities contribute towards the One Planet Living vision.

The Plan is a 'live' document and will be reviewed and updated annually to ensure that it stays relevant, effective and achievable.

Discussion

The actions in this Plan align with goals, outcomes and objectives within the Strategic Community Plan. The Strategic Community Plan was developed following a major community visioning exercise involving close to 1000 people held in 2013-14 which defined community priorities for the City and community over the next 15 years. The themes arising from the visioning process were:

- 1. People:** A welcoming place for all
- 2. Plan:** A liveable city that serves its residents needs and values heritage
- 3. Prosper:** A diverse and unique local economy and a recognised centre of excellence
- 4. Green:** A city that values its environment
- 5. Create:** A dynamic innovative city with a strong knowledge economy and arts sector
- 6. Decide:** A collaborative and connected community with a shared vision and good governance

These are reflected in the key focus areas of the Strategic Community Plan namely:



The City delivers a wide range of services, programs and activities which align with these themes, informed by a range of subsidiary strategies and action plans. Community engagement has informed these more detailed documents also.

Targets

Advancement towards One Planet Living principles and the goals of the Strategic Community Plan is an ongoing process. To monitor progress, targets have been established in some areas whilst in others reporting is more qualitative.

Above all, the City wishes to ensure that its activities align to its principles and goals, which the One Planet Living framework assists in assuring.

Monitoring, Reporting and Review

The City's progress towards One Planet principles and associated targets and delivery of the Plan will be reported annually to Bioregional to ensure it continues to progress and incorporate best practice.

The Action Plan is updated annually to ensure that it stays relevant, effective and achievable.

Action Plan

Action	Rec. Type (Policy, Ongoing action, One Off Action or Advocacy)	Responsibility	Target	Comment ¹
One Planet Principle 1:				
	Health and happiness	Encouraging active, social, meaningful lives to promote good health and wellbeing		
SPC Health & Happiness Outcome 1 – Fremantle is a welcoming, safe and caring place that actively supports diversity				
1.1.1 Develop & implement new Access & Inclusion Plan 2020-25	One Off action then various	Community Development		New Plan 20/21 Implementatio n: 20-25
1.1.2 Support Youth events and activities including	Ongoing action	Community Development		
Youth Forum Network	Ongoing action	Community Development		Bi-monthly
Youth Week Event/s	Ongoing action	Community Development		Annual
Youth Plaza activities	Ongoing action	Community Development		Program

Action	Rec. Type (Policy, Ongoing action, One Off Action or Advocacy)	Responsibility	Target	Comment ¹
1.1.3 Implement Age Friendly City Plan 2019-24 including:	Various	Various		
Facilitate opportunities for older people to share their skills and knowledge on a paid or voluntary basis	Ongoing action	Community Development		
Provide affordable programs that encourage older people to try new and different sports or other forms of physical activities	Ongoing action	Community Development		Eg Come & Try program
1.1.4 Provide a range of legal services to low income members of the community.	Ongoing action	Community Development		Subject to co-funding agreement with state
1.1.5 Deliver education and cultural awareness raising programs, including showcasing local Aboriginal art, culture and history through various exhibitions, workshops, film screenings,	Ongoing action	Community Development, Arts & Culture & Events		
1.1.6 Develop & implement Equal Opportunities Employment Plan	One Off then Ongoing action	People & Culture		
1.1.6 Ensure diverse representation in promotional material & events	Policy	Communications		

Action	Rec. Type (Policy, Ongoing action, One Off Action or Advocacy)	Responsibility	Target	Comment ¹
SCP Health & Happiness Outcome 2 – Partner with the community to build capacity for social inclusion, connectivity and capital				
1.2.1 Maintain the City's Life Long Learning program to provide the community with a variety of high value classes for educational and social opportunities.	Ongoing action	Community Development		
1.2.2 Provide programs that centre around community volunteers, including opportunities for Over 55s, Containers for Change, Neighbour to Neighbour and the Fremantle Youth Network	Ongoing action	Community Development		
1.2.3 Develop & implement Social Inclusion Plan	One-Off then various	Community Development		Cost implications unknown. Partnerships required.
1.2.4 Provide staff professional development & skill development opportunities	Ongoing action	People & Culture		20/21: Focus on cultural change & transition to new workplace for Administration
SPC Health & Happiness Outcome 3 & 4 – Environments that promote healthier lifestyles and community enjoyment				
1.3.1 Maintain high quality accessible open space by	Various			
Implementing Greening Fremantle Strategy	Ongoing action	Parks, Strategic Planning	All dwellings within 400m of open space	High cost implications for additional open space
Formalising open space level of service	One-off action	Parks		Cost implications for increase in

Action	Rec. Type (Policy, Ongoing action, One Off Action or Advocacy)	Responsibility	Target	Comment ¹
				service level
1.3.2 Develop & implement Recreation Plan	One-Off action then various	Infrastructure - Assets		20/21: draft Plan High cost implications associated with likely asset upgrades
1.3.3 Programs at Samson Recreation Centre and the Fremantle Leisure Centre	Ongoing action	Community Development		
1.3.4 Support access to and use of active transport	Ongoing action	Infrastructure, Strategic Planning		Some options represent high cost
Health & Happiness Misc				
1.4.1 Investigate opportunities for a community wellbeing index or similar to improve tracking of Health and Happiness outcomes	One Off action	Community Development, Strategic Planning		
One Planet Principle 2:				
 Equity and local economy Creating safe, equitable places to live and work which support local prosperity and international fair trade				
SPC Economic Development Outcome 1- A shared vision for a thriving and diverse local economy				
2.1.1 Review & implement Economic Development Strategy including:	One Off action then various	Economic Development		

Action	Rec. Type (Policy, Ongoing action, One Off Action or Advocacy)	Responsibility	Target	Comment ¹
Promote 'shop local' & local commerce	Ongoing action	Economic Development		
Promote Fremantle as a place to live and work	Ongoing action	Economic Development		
Promote Fremantle as a local nightlife and tourist destination	Ongoing action	Economic Development		
2.1.2 Foster the growth of local industry supportive of sustainability, environment and marine ecosystems by:		Economic Development		
Analysis of key industries including sustainability and marine technology to foster the growth of an innovation hub	One-off action	Economic Development		
Providing support for local businesses to improve the sustainability of their operations	Ongoing action	Strategic Planning, Economic Development		
OP Outcome 2 – Equity and inclusiveness in prosperity				
2.2.1 Implement Action 15 in the WRAP "Increase procurement of Aboriginal and Torres Strait Islander services"	Ongoing action	Finance	2% total procurement target for goods & services from Aboriginal and Torres Strait	

Action	Rec. Type (Policy, Ongoing action, One Off Action or Advocacy)	Responsibility	Target	Comment ¹
			Islander owned businesses, managed and/or staffed businesses.	
2.2.2 Implement Action 16 in the WRAP "Increase Aboriginal and Torres Strait Islander employment" (internal)	Ongoing action	People & Culture	4% of City employees are Aboriginal and/or Torres Strait Islander people	
2.2.3 Provide support for businesses relating to inclusivity	One off action	Economic Development		
2.2.4 Maintain Fair Trade Association subscription & purchasing	Ongoing action & policy	Finance	100% CoF tea & coffee is Fair Trade	
One Planet Principle 3:				
 Culture and community Nurturing local identity and heritage, empowering communities and promoting a culture of sustainable living				
SCP Character, Culture & Heritage Outcome 1 – Recognise and celebrate Aboriginal heritage and culture				
3.1.1 Implement Action 12 of the WRAP "Generate, in the community, interest in, understanding and respect for Whadjuk and Aboriginal and Torres Strait Islander culture, historic experiences and perspective"	Various	Community Development, Arts & Culture, Events		

Action	Rec. Type (Policy, Ongoing action, One Off Action or Advocacy)	Responsibility	Target	Comment ¹
3.1.2 Implement Action 13.6 of the WRAP "Continue to engage and promote Aboriginal and Torres Strait Islander artists at the Fremantle Arts Centre—local, state and nationally across a number of its activities"	Ongoing action	Arts & Culture		
3.1.3 Deliver One Day Festival / Events	Ongoing action	Events		Cost depends on scale & approach
SCP Character, Culture & Heritage Outcome 2– Celebrate Fremantle's history and built heritage				
3.2.1 Update heritage place protection list annually	Ongoing action	Strategic Planning		
3.2.2 Engage with the community on the value and significance of 20th Century architecture	One Off action	Strategic Planning		
3.2.3 Develop/maintain Conservation Management Plans for City managed heritage assets	Ongoing action	Strategic Planning, Infrastructure - Assets		Consultancy
3.2.4 Deliver Fremantle Heritage Festival	Ongoing action	Events		Cost depends on scale & approach
SCP Character, Culture & Heritage Outcome 3 (& 4) – Provide an environment that supports arts, culture and events (as opportunities for expression, identity exploration and participation)				
3.3.1 Develop & implement Cultural / Creative Strategy / Plan	One Off action then various	Arts & Culture		

Action	Rec. Type (Policy, Ongoing action, One Off Action or Advocacy)	Responsibility	Target	Comment ¹
3.4.2 Supports arts programs, spaces & events	Ongoing action	Arts & Culture		
3.5.3 Deliver cultural events program	Ongoing action	Events		
OP Outcome 4 - Promoting sustainable living to the community and to staff				
3.4.1 Maintain membership of the Your Move program and promote active transport	Ongoing action	Strategic Planning		
3.4.2 Provide sustainability courses, programs, information and events to the community.	Ongoing action	Strategic Planning, Communications		
3.4.3 Highlight One Planet Living principles and achievements in communications	Ongoing action	Communications		
3.4.4 Provide 'Lunch and Learn' presentations on One Planet	Ongoing action	Strategic Planning		Annual
3.4.5 Review and update induction material and strategic document templates to increase reference to One Planet Living Framework and principles	One Off action	Strategic Planning		
3.4.6 Coordinate regular business planning, reporting and working group meetings to explore progress and further opportunities	Ongoing action	Strategic Planning		
SCP Capability Outcome 5 – A transparent and responsive organization working in partnership with the community				
3.5.1 Support Precinct Groups as part of pro-active community engagement	Ongoing action	Strategic Planning	Increase number of active Precinct Groups	8 precincts active in 2020. 3 Town Teams established

Action	Rec. Type (Policy, Ongoing action, One Off Action or Advocacy)	Responsibility	Target	Comment ¹
3.5.2 Provide opportunities for civic engagement on all major City projects	Ongoing action	Strategic Planning & others		
3.5.3 Maintain and increase usage of My Say Freo	Ongoing action	Strategic Planning	Increase My Say Freo subscription / reach	
One Planet Principle 4:				
 Land and nature Protecting and restoring land for the benefit of people and wildlife				
<i>SPC Environmental Responsibility Outcome 1 - Expand on a theme area that sits under this recommendation.</i>				
4.1.1 Advocate for action at all levels of government to address the climate and biodiversity emergency	Advocacy	Executive		
<i>SPC Environmental Responsibility Outcome 2 – Better quality habitat with space for endemic biodiversity.</i>				
4.2.1 Implement Urban Forest Plan including:	Various	Strategic Planning, Parks	20% canopy by 2027	
Plant average of 1000 trees per year as per annual tree planting targets in Urban Forest Plan	Ongoing action	Parks	Av 1000 trees / yr	10 year plan to 2027
Monitor and protect existing street trees	Ongoing action	Parks		
Revegetate and rehabilitate coastal natural areas	Ongoing action	Parks		

Action	Rec. Type (Policy, Ongoing action, One Off Action or Advocacy)	Responsibility	Target	Comment ¹
Measure canopy coverage	One off action	Strategic Planning		Scheduled for 2027. Potential for interim review 2022, subject to data availability.
4.2.2 Administer native verge plantings scheme	Ongoing action	Parks		
4.2.3 Support community planting events	Ongoing action	Parks		
4.2.4 Implement Coastal Hazard and Risk Management Adaption Plans	Various	Strategic Planning, Infrastructure, Parks		Significant project with substantial costs and risks
One Planet Principle 5				
 Sustainable water Using water efficiently, protecting local water resources and reducing flooding and drought				
SCP Environmental Responsibility Outcome 1 – Embed consideration of environmental (as well as social and economic) sustainability in decision-making.				
5.1.1 Support the community to use water wisely by:				

Action	Rec. Type (Policy, Ongoing action, One Off Action or Advocacy)	Responsibility	Target	Comment ¹
Administering verge garden preparation assistance scheme.	Ongoing action	Parks		
Working with WaterCorp to provide community engagement and education around efficiency waterwise gardening.	Ongoing action	Strategic Planning, Communications		
SCP Environmental Responsibility Outcome 2 – All City controlled buildings, activities and public places will be more energy and water efficient				
5.1.2 Implement Water Efficiency and Management Plan including:	Various	Strategic Planning, Parks, Infrastructure	Corporate scheme water: reduce 10% over the 5 years from 2019	
Pursue alternative water supplies, including sewer, manage aquifer recharge and stormwater reuse where feasible.	Various	Infrastructure, Strategic Planning		Generally high capital cost.
Implement irrigation upgrade program	Ongoing action	Parks	Minimize groundwater use & operate within allocation	Staged program.
Improve water metering technology for City facilities and leased to provide real-time metering	One off action	City Buildings		Staged program

Action	Rec. Type (Policy, Ongoing action, One Off Action or Advocacy)	Responsibility	Target	Comment ¹
Maintain Gold Waterwise status for Council, and investigate increases in corporate water use	Ongoing action	Strategic Planning, City Buildings, Parks		
Maintain Waterwise status for Leisure Centre	Ongoing action	Community Development (Leisure Centre)		
5.1.3 Develop & implement Stormwater Management Plan	One off action then various	Infrastructure - Assets		Consultancy
One Planet Principle 6				
 Local and sustainable food Promoting sustainable humane farming and healthy diets high in local, seasonal organic food and vegetable protein				
SCP Environmental Responsibility Outcome 1 – Embed consideration of environmental (as well as social and economic) sustainability in decision-making.				
6.1.1 Support local enterprises that use and sell ethically and locally produced food by:				
Including local and sustainable businesses in catering quotes	Policy	Finance		
6.1.2 Promote sustainable ways of growing food by:				

Action	Rec. Type (Policy, Ongoing action, One Off Action or Advocacy)	Responsibility	Target	Comment ¹
Conducting Health and Nutrition workshops through Life Long Learning programs	Ongoing action	People & Culture		
Encouraging and supporting the community to grow food at home, in community gardens and on street verges	Ongoing action	Parks, Strategic Planning, Communications		
6.1.2 Support low carbon (plant based) diets by				
Ensuring vegetarian and / or vegan options in catering	Policy	Finance		Ongoing
Providing information on health and environmental benefits	Ongoing action	Strategic Planning		Ongoing
One Plant Principle 7				
	Travel and transport	Reducing the need to travel, encouraging walking, cycling and low carbon transport		
SCP Transport & Connectivity Outcomes 1 & 2 – Fremantle is recognized as a pedestrian and cycle friendly city that supports active and public transport as preferred methods.				
7.1.1 Promote public transport, cycling and walking as sustainable, healthy and zero carbon transport modes	Ongoing action		Journey-to-work mode share for private car 45% by the 2026 Census (reduced	Refer Integrated Transport Strategy

Action	Rec. Type (Policy, Ongoing action, One Off Action or Advocacy)	Responsibility	Target	Comment ¹
			from ~50% in 2016 census)	
7.1.2 Implement Bike Plan including:	Various	Infrastructure, Strategic Planning		
Promote design integration of Fremantle-Perth PSP with traffic bridge and City centre and its construction.	Advocacy	Executive		Current 20/21
Pursue design of Safe Active Streets with Department of Transport	One Off actions	Strategic Planning, Infrastructure		
Undertake End of trip facilities audit for all CoF sites	One off action	Strategic Planning, Infrastructure		
7.1.3 Implement actions from the Bike Plan and the Urban Forest Plan to combat the urban heat island effect and make streets friendly for walkers and cyclists	Various	Infrastructure, Parks		
7.1.4 Improve condition and accessibility of the City's footpath network	One off then ongoing action	Infrastructure		Subject to definition of level of service and allocation of budget.

Action	Rec. Type (Policy, Ongoing action, One Off Action or Advocacy)	Responsibility	Target	Comment ¹
7.1.5 Progress South West Group Light Rail / Rapid Transit connection advocacy	One off action & Advocacy	Strategic Planning		
7.1.6 Support alternative transport options for staff by:				
Developing updated Your Move map for Walyalup Civic Centre	One off action	Strategic Planning		
Promoting sustainable transport options in induction for new employees	Ongoing	People & Culture		
Investigating option of salary sacrifice for e-bikes	One off action	People & Culture, Finance		
SCP Transport & Connectivity Outcome 2 – An economically efficient, environmentally and socially sustainable freight network that supports continued container functions of the port.				
7.2.1 Advocate for cleaner road freight transport, and a long-term shift to rail for all freight coming to and from the Fremantle Port.	Advocacy	Executive		
SCP Environmental Responsibility Outcome 3 – All City controlled buildings, activities and public places will be more energy and water efficient				

Action	Rec. Type (Policy, Ongoing action, One Off Action or Advocacy)	Responsibility	Target	Comment ¹
7.3.1 Reduce corporate fleet emissions through electrification and low emissions options	One off action	Infrastructure		Fleet renewal program.
One Planet Principle 8				
 Materials and products Using materials from sustainable sources and promoting products which help people reduce consumption.				
SCP Environmental Responsibility Outcome 1 – Embed consideration of environmental (as well as social and economic) sustainability in decision-making.				
2.1.1 Pursue sustainable procurement by:				
Maintaining sustainable procurement policy and publish sustainable procurement guidance for common activities	Policy & Ongoing action	Finance		
Advocate for minimal, recyclable or biodegradable packaging from producers to reduce waste as well as "right to repair"	Advocacy	Exec, Finance		
Investigate opportunities for including community groups in Recycling Centre programs and Containers for Change refund point	One Off action	Waste		
8.1.2 Review & implement Sustainable Events Policy	Ongoing action	Strategic Planning, Events, Arts & Culture		Adopted 2018

Action	Rec. Type (Policy, Ongoing action, One Off Action or Advocacy)	Responsibility	Target	Comment ¹
8.1.3 Promote a more sustainable urban environment by:				
• Zoning for higher density near public transport nodes	Policy	Strategic Planning		Refer Local Planning Scheme
• Incentivising more sustainable buildings	Policy	Strategic Planning		Refer Local Planning Scheme and policies
• Continuing partnership research and demonstration opportunities with CUSP around Knutsford eg Living Lab	One off actions	Strategic Planning		
• Using recycled and sustainable products in road/hard stand construction where feasible	Policy	Infrastructure		
One Planet Principle 9				
 Zero waste Reducing consumption, re-using and recycling to achieve zero waste and zero pollution				
<i>SCP Environmental Responsibility Outcome 1 – Work with the community to reduce waste (ultimately to zero) and reuse wherever possible.</i>				
9.1.1 Develop & implement Waste Plan 2020-25 including	Various	Waste	Meet WA state targets of 67% diversion from landfill by 2025 and 70% by 2030 of	

Action	Rec. Type (Policy, Ongoing action, One Off Action or Advocacy)	Responsibility	Target	Comment ¹
			business and household waste, exceeding wherever possible	
Prepare LG guidelines and requirements for waste management in new developments	One off action	Strategic Planning		
Explore business case to offer FOGO to commercial entities	One off action	Waste		
Develop and operate Containers for Change refund point	One off then ongoing action	Waste		
Develop Household Hazardous Waste drop off centre	One off then ongoing action	Waste		
Provide community education on waste and recycling	Ongoing action	Waste		

Action	Rec. Type (Policy, Ongoing action, One Off Action or Advocacy)	Responsibility	Target	Comment ¹
Support community clean up days	Ongoing action	Waste, Strategic Planning, Parks		
Promote Responsible Cafes and other sustainable business actions	Ongoing action	Strategic Planning, Economic Development Communications		Periodic program
One Planet Principle 10				
 Zero carbon energy Making buildings and manufacturing energy efficient and supplying all energy with renewables				
SCP Environmental Responsibility Outcome 1 – Embed consideration of environmental (as well as social and economic) sustainability in decision-making.				
10.1.1 Support the community transitioning to low carbon by:				
Delivering Climate emergency engagement program	One off action	Strategic Planning		20/21
Advocating to state, federal and other local governments for action to address the climate emergency as opportunities arise.	Advocacy	Executive, Strategic Planning		
Maintaining and implementing divestment policy	Policy	Finance		
Providing information and tools to encourage transition to low carbon living	Ongoing action	Strategic Planning, Communications		Examples: Living Smart, Climate Clever
Supporting research into low carbon living and sustainable development and urban regeneration	Ongoing action & One Off	Strategic Planning		Example: Knutsford Living Lab

Action	Rec. Type (Policy, Ongoing action, One Off Action or Advocacy)	Responsibility	Target	Comment ¹
	projects			
Providing for electric vehicle recharge points in select car parks	Policy & One off projects	Infrastructure,		Example: Cappuccino Strip carpark. Subject to development of policy, program and business case
SCP Environmental Responsibility Outcome 2 – All City controlled buildings, activities and public places will be more energy and water efficient				
10.2.1 Implement Corporate Energy Plan including:	Various		100% of City of Fremantle buildings, parks and streetlights powered with renewable electricity by 2025	
Investigate options to fast-track street light LED replacement program	One off action	City Buildings		High capital cost offset by operating savings over time
Progressively upgrade of City of Fremantle owned car park and park lights to LEDs	One off actions / Mgt approach	Infrastructure, Parks		Capital cost

Action	Rec. Type (Policy, Ongoing action, One Off Action or Advocacy)	Responsibility	Target	Comment ¹
Progressively install renewable energy on suitable City of Fremantle buildings where possible	One off actions	Infrastructure		Capital cost
Request tenders for a Power Purchase Agreement for renewable electricity.	One off action	Finance		Additional operating cost implications
Continue to provide support to progress the South Fremantle Solar Farm proposal	Ongoing action	Executive		
10.2.2 Maintain carbon neutral status by minimising emissions and purchasing accredited offsets, including	Ongoing action	City Buildings Strategic Planning		Approx. \$25G-\$50G/yr
Completing carbon accounts using the Carbon Active standard.	Mgt approach	City Buildings		
10.2.3 Monitor and report on commitments under the Cities Power Partnership	Ongoing action	City Buildings, Strategic Planning		

¹ NOTE: All actions listed will be assessed against other strategic priorities of the City through the corporate budgeting process. Inclusion of an action on this list does not commit the City to delivering it: however it identifies it as desirable and allows it to be scoped and fed into the corporate prioritization process.

Responsibility and review information	
Responsible officer:	Manager Strategic Planning
Document adoption/approval details	Approval/adoption date Proof of adoption/approval - meeting name or document no#