

PART ONE

Reports from the City Works Committee Meeting held at 7.30pm on Tuesday, 25 May 2010.

APOLOGIES

ACKNOWLEDGEMENT OF LAND

DECLARATIONS OF INTEREST

Pecuniary Interests

Non Pecuniary – Significant Interests

Non Pecuniary – Less than Significant Interests

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PART ONE

1. TECHNICAL SERVICES

1.1 Urban Stormwater Garden - Coronation Park, Minto

1.2 Mawson Park, Campbelltown - Preparation of Plaque for 25 Pounder MKII Gun

PART TWO

2. OPERATIONAL SERVICES

2.1 Removal of Significant Tree - 17 Badgally Road, Campbelltown

2.2 Removal of Trees - 111 Queen Street, Campbelltown

2.3 National Tree Planting Day 2010

3. ASSETS AND SUPPLY SERVICES

3.1 T10/04 Alarm and CCTV Camera Maintenance Services

3.2 T08/05A Concrete Works for Civil Assets Company Name Change

3.3 T10/05 Supply of Turf

4. EMERGENCY SERVICES

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4.2 State Emergency Service Contribution

4.3 Rural Fire Services - Commissioners' Commendations

5. GENERAL BUSINESS

Nil.

ITEM TITLE

PAGE

11. CONFIDENTIAL ITEMS

No reports this round



Minutes of the City Works Committee held on 25 May 2010

Present His Worship the Mayor, Councillor A Rule
Councillor P Lake (Chairperson)
Councillor F Borg
Councillor A Chanthivong
Councillor S Dobson
Councillor W Glynn
Councillor P Hawker
Councillor M Thomas
Director Business Services - Mr M Sewell
Director City Works - Mr J Hely
Manager Assets and Supply Services - Mr G Mitchell
Manager Compliance Services - Mr A Spooner
Manager Corporate Support - Mr S Kelly
Manager Customer Service - Mr I Hudson
Manager Emergency Services - Mr J Dodd
Manager Healthy Lifestyles - Mr M Berriman
Manager Information Management and Technology - Mr S McIlhatton
Manager Library Services - Mr G White
Acting Manager Operations - Mr A Davies
Acting Manager Technical Services - Mr K Lynch
Executive Assistant - Mrs D Taylor

Apologies Nil

Acknowledgement of Land

An Acknowledgement of Land was presented by the Chairperson Councillor Lake.

DECLARATIONS OF INTEREST

There were no Declarations of Interest at this meeting.

1. TECHNICAL SERVICES

1.1 Urban Stormwater Garden - Coronation Park, Minto

Reporting Officer

Acting Manager Technical Services

Attachments

1. Copy of Plans for proposed Rain Garden for Coronation Park
2. Photos of bioribbons

Purpose

To update Council on the proposal to provide a Stormwater Garden to manage the run off from an urban area.

History

Council at its meeting of 20 October 2009 adopted a resolution to investigate the feasibility of trialling an urban storm water garden in an area of Ingleburn bounded by Sackville Street, Cumberland and Oxford Roads.

Urban stormwater gardens are also known as bioribbons or rain gardens. They are used to reduce the harm of stormwater runoff to the environment by cleaning the water before it enters the main drainage system. Visually they appear to be 'normal' gardens, but have elements under the surface that can provide significant treatment of stormwater quality.

Stormwater gardens form part of the stormwater treatment train. The concept identifies different parts of the stormwater system that can be used to treat stormwater. The pits, pipes and detention basins manage the quantity of water. Whilst gross pollutant traps, wetlands, and bioribbons manage the water quality and water tanks to store water for reuse minimising the use of potable water. Whilst the water is cleaned through these processes it is not cleaned to the level for human consumption but it is suitable to be used for other purposes such as irrigation.

As with many stormwater systems the bioribbons need to be implemented in a particular way to ensure their effectiveness. The water enters the rain garden from the surface and filters through the various layers in the garden, see attached design plans. The water after passing through the garden travels into the main stormwater system by pipes.

Following an investigation into the area at Ingleburn a number of constraints have limited the opportunity of successfully installing an urban stormwater garden at that location.

Report

The potential Ingleburn site was investigated and it was found that a number of issues prevented the site from being viable, these include:

- The depth of the existing pipe works were too low to enable the water to enter the garden at the surface. Stormwater infrastructure needs to be at the ground surface or capable of being brought to the surface easily for gravity feed into rainwater gardens. The extensive pipe network in this area means that little surface water would be available for treatment.
- Flat surface and pipe grades in this area make it difficult to retrofit the stormwater system to bring the water to the surface without impacting on the performance of the system.
- The soils in this area are generally clays which would tend to clog up a rainwater garden quite quickly.

The main issue with this location would be the required adjustment to the existing pipe system to allow the system to function in a manner that will allow the rain garden to be effective. There may be opportunities at some point in the future in conjunction with suitable development in the area. Council does however have an existing small rain garden at Glenfield. During discussion over the Glenfield Station precinct TIDC approached Council to extend the car park at Seddon Park to cater for commuter parking. Through the design process it was decided to install small rain gardens within the car park to treat the water. This garden has been constructed and has been in service for approximately eight months.

Given the limitations at Ingleburn alternative locations were sought for the potential application of a rainwater garden. The opportunity to include bioribbons (a linear form of rainwater garden) within the car park at Coronation Park during the redevelopment of the site was identified and have been incorporated in the car park design. These bioribbons will collect the surface runoff from the car park, filter it through the garden then discharge it to the drainage system.

The bioribbons will appear as two linear gardens running parallel to and in between two rows of parking bays. The construction will be with materials specifically selected for the drainage and filtering functions they provide. The plants will also provide an important part of the system with the roots helping to remove nutrients which can cause excessive weed growth. The surrounding soil will support microfilms of bio-organisms which can assist with the breakdown of oils and greases which are commonly washed off in areas within car parks. The garden (bioribbons or rain gardens) will be planted with native grasses and other plants suited to this environment and will provide a soft break in the car park. The bioribbons will also serve as barriers within the car park preventing the area from becoming a large open space that may be inviting for antisocial behaviour.

The gardens were not installed as part of the car park construction due to the winter period. At the end of this year's netball season when the weather is more suitable for plant growth the gardens are proposed to be installed. This will also allow the rain gardens to become well established during a time when vehicle parking within the car park is a minimum. It is considered that this approach will in the long run make the rain gardens far more resilient and efficient.

Plans showing the layout of the rain garden within the car park along with the composition of the bioribbons are attached.

Officer's Recommendation

That the information be noted.

Committee's Recommendation: (Chanthivong/Glynn)

That the Officer's Recommendation be adopted.

CARRIED

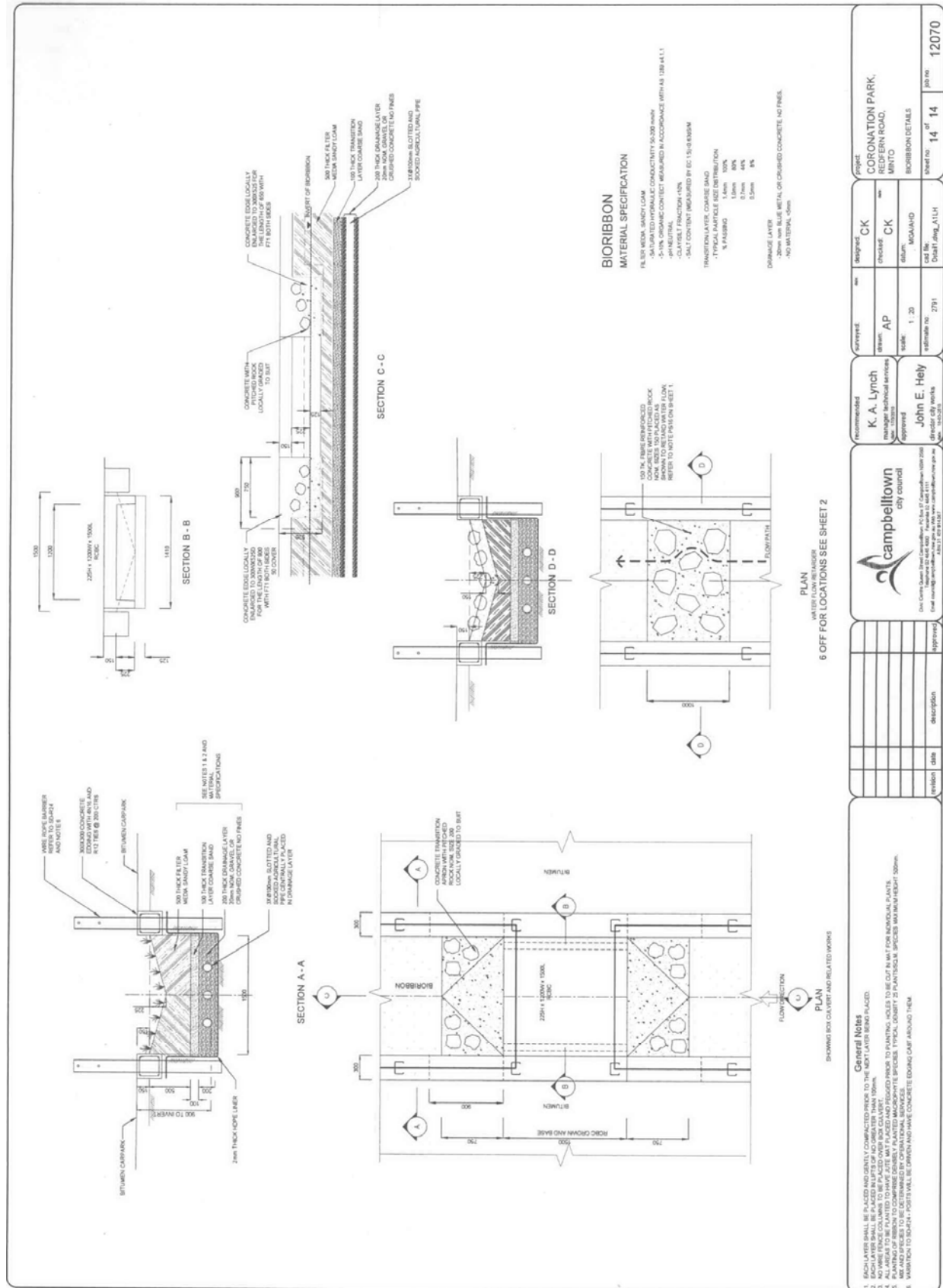
Council Meeting 1 June 2010 (Lake/Borg)

That the Officer's Recommendation be adopted.

Council Minute Resolution Number 95

That the Officer's Recommendation be adopted.

CARRIED



Project	CK	Coronation Park
Client	CK	Reefers Road
Location	CK	Minto
Drawn	AP	
Scale	1:30	
Author	MOAHO	
Checked		
Drawn		
Sheet No.	14	14
Job No.		12070

Recommended by
K. A. Lynch
 Manager Technical Services

Approved by
John E. Hely
 Director City Works

City of Campbelltown
 City Council

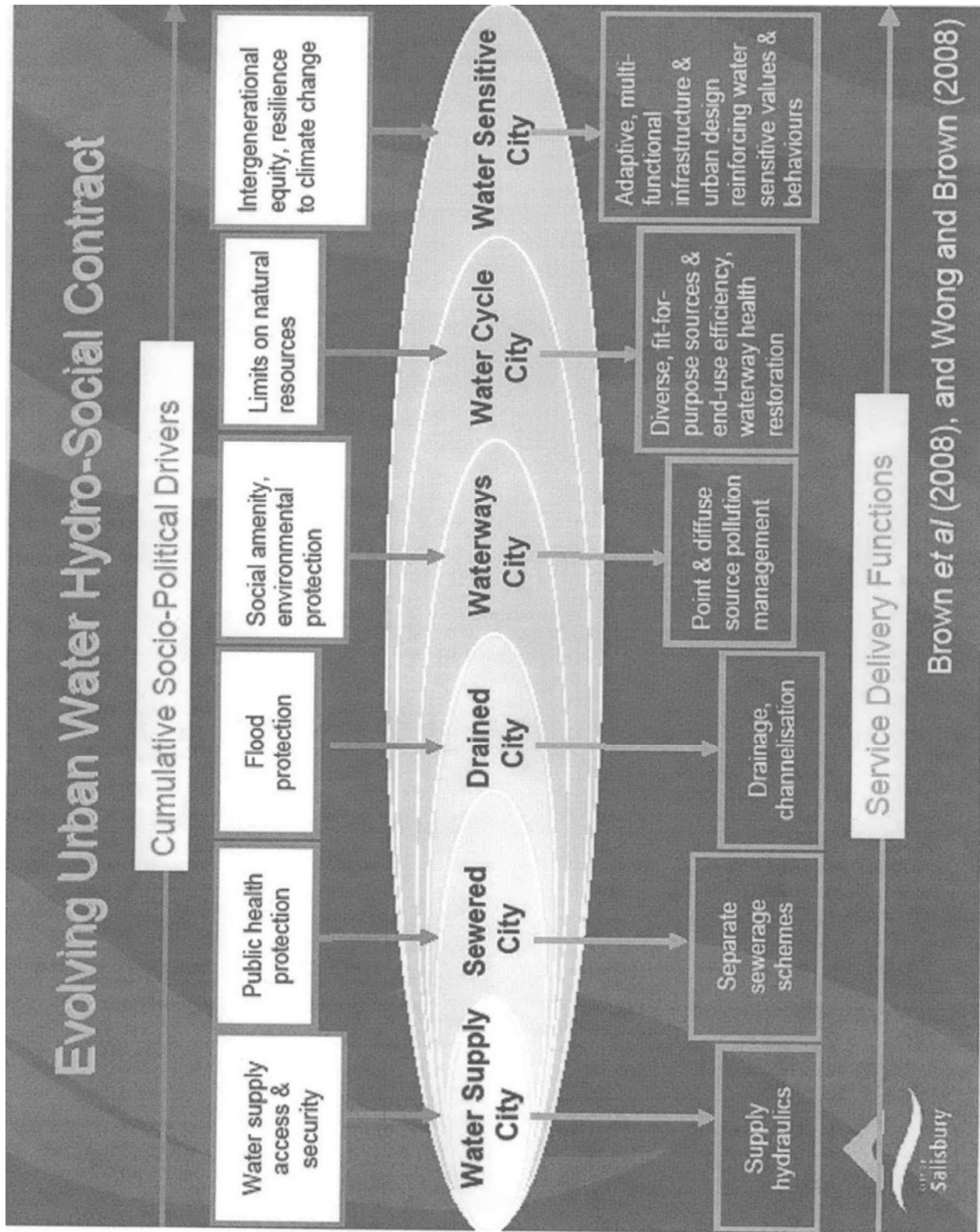
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revision	date	description	approved

6 OFF FOR LOCATIONS SEE SHEET 2

WATER FLOW MEASURER
 PLAN
 SPONGES FOR COVERT AND RELATED WORKS

ATTACHMENT 2





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Carpark Coles
Mt Annan



1.2 Mawson Park, Campbelltown - Preparation of Plaque for 25 Pounder MKII Gun

Reporting Officer

Director City Works

Attachments

Locality Plan

Purpose

To advise Council of a proposal to provide an information plate for the existing 25 Pounder MKII Gun.

Report

Council staff have been in liaison with representatives of the Campbelltown RSL Sub-Branch regarding the history of the 25 Pounder MKII Gun in Mawson Park. The Gun in combination with the other military pieces reflects on the three sections of the Military - Army, Air Force and Navy.

The advice from the RSL indicates the following:

- The Gun was manufactured by the Ordnance Factory in England and participated throughout World War II including the Desert War in Libya in 1942/43. Due to deterioration of the barrel the gun was taken out of service in 1945.
- The Gun has been donated by the Campbelltown RSL Sub-Branch President, Jack Peters.

Council has previously supported the placement of the Naval, Army and Air Force icons and based on the information provided regarding the Army Gun, it is proposed, in liaison with the Campbelltown RSL Sub-Branch that a suitable plaque and dedication event be progressed.

It is considered that there is an opportunity to produce an information document on the three military pieces in place in Mawson Park. It is proposed to progress this in liaison with the Campbelltown RSL Sub-Branch.

Council staff will liaise with RSL representatives organising the progress of this proposal.

Officer's Recommendation

That Council liaise with the Campbelltown RSL Sub-Branch on progressing the preparation of a plaque and planning of a future event involving the 25 Pounder MKII Gun.

Committee's Recommendation: (Hawker/Dobson)

That the Officer's Recommendation be adopted.

CARRIED

Council Meeting 1 June 2010 (Lake/Borg)

That the Officer's Recommendation be adopted.

Council Minute Resolution Number 95

That the Officer's Recommendation be adopted.

CARRIED

ATTACHMENT 1

