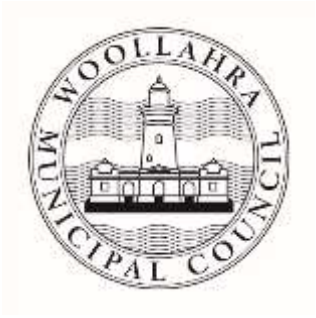


Urban Planning Committee Agenda



Agenda: *Urban Planning Committee*

Date: *Monday 11 July 2016*

Time: *6.00pm*

Outline of Meeting Protocol & Procedure:

- The Chairperson will call the Meeting to order and ask the Committee/Staff to present apologies or late correspondence.
- The Chairperson will commence the Order of Business as shown in the Index to the Agenda.
- At the beginning of each item the Chairperson will ask whether a member(s) of the public wish to address the Committee.
- If person(s) wish to address the Committee, they are allowed four (4) minutes in which to do so. Please direct comments to the issues at hand.
- If there are persons representing both sides of a matter (eg applicant/objector), the person(s) against the recommendation speak first.
- At the conclusion of the allotted four (4) minutes, the speaker resumes his/her seat and takes no further part in the debate unless specifically called to do so by the Chairperson.
- If there is more than one (1) person wishing to address the Committee from the same side of the debate, the Chairperson will request that where possible a spokesperson be nominated to represent the parties.
- The Chairperson has the discretion whether to continue to accept speakers from the floor.
- After considering any submissions the Committee will debate the matter (if necessary), and arrive at a recommendation (R items which proceed to Full Council) or a resolution (D items for which the Committee has delegated authority).

Recommendation only to the Full Council:

- Such matters as are specified in Section 377 of the Local Government Act and within the ambit of the Committee considerations.
- Broad strategic matters, such as:-
 - Town Planning Objectives; and
 - major planning initiatives.
- Matters not within the specified functions of the Committee.
- Matters requiring supplementary votes to Budget.
- Urban Design Plans and Guidelines.
- Planning Proposals and Local Environment Plans.
- Residential and Commercial Development Control Plans.
- Rezoning applications.
- Heritage Conservation Controls.
- Commercial Centres Beautification Plans of Management.
- Matters requiring the expenditure of moneys and in respect of which no Council vote has been made.
- Matters reserved by individual Councillors in accordance with any Council policy on "safeguards" and substantive changes.

Delegated Authority:

- To require such investigations, reports or actions as considered necessary in respect of matters contained within the Business Agendas (and as may be limited by specific Council resolutions).
- Confirmation of the Minutes of its Meetings.
- Any other matter falling within the responsibility of the Urban Planning Committee and not restricted by the Local Government Act or required to be a Recommendation to Full Council as listed above.
- Statutory reviews of Council's Delivery Program and Operational Plan.

Committee Membership: 7 Councillors

Quorum: The quorum for a Committee meeting is 4 Councillors.

Woollahra Municipal Council

Notice of Meeting

7 July 2016

To: Her Worship the Mayor, Councillor Toni Zeltzer ex-officio
Councillors Katherine O'Regan (Chair)
Ted Bennett (Deputy Chair)
Luise Elsing
James Keulemans
Matthew Robertson
Jeff Zulman

Dear Councillors

Urban Planning Committee – 11 July 2016

In accordance with the provisions of the Local Government Act 1993, I request your attendance at Council's **Urban Planning Committee** meeting to be held in the **Thornton Room (Committee Room)**, 536 New South Head Road, Double Bay, on Monday 11 July 2016 at 6.00pm.

Gary James
General Manager

Meeting Agenda

Item	Subject	Page
1.	Leave of Absence and Apologies	
2.	Late Correspondence	
3.	Declarations of Interest	

Items to be Decided by this Committee using its Delegated Authority

D1	Confirmation of Minutes of Meeting held on 14 June 2016 - 16/93204	7
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Items to be Submitted to the Council for Decision with Recommendations from this Committee

R1	Planning proposal for street name inlays - 16/42760.....	9
R2	Double Bay Public Domain Lighting Strategy - implementation (SC3008) - 16/84214.....	69

Item No: D1 Delegated to Committee
Subject: **CONFIRMATION OF MINUTES OF MEETING HELD ON 14 JUNE 2016**
Author: Sue O'Connor, Secretarial Support - Governance
File No: 16/93204
Reason for Report: The Minutes of the Urban Planning Committee of 14 June 2016 were previously circulated. In accordance with the guidelines for Committees' operations it is now necessary that those Minutes be formally taken as read and confirmed.

Recommendation:

That the Minutes of the Urban Planning Committee Meeting of 14 June 2016 be taken as read and confirmed.

Item No: R1 Recommendation to Council
Subject: **PLANNING PROPOSAL FOR STREET NAME INLAYS**
Author: Amelia Parkins, Strategic Heritage Officer
Approvers: Allan Coker, Director - Planning & Development
Anne White, Acting Manager - Strategic Planning
File No: 16/42760
Reason for Report: To report on the public exhibition of the planning proposal for street name inlays.
To obtain Council's approval to proceed with finalisation of the planning proposal.

Recommendation:

- A. THAT Council proceed with the planning proposal for street name inlays.
- B. THAT Council exercise its delegation authorised by the Director, Metropolitan (CBD) Planning Services, Department of Planning and Environment, on 28 January 2016, to carry out the functions of the Greater Sydney Commission and make the local environmental plan under section 59 of the *Environmental Planning and Assessment Act 1979*.

1. Background

On 29 November 2010 Council made the following decision:

1. *That the list of early street names in footpaths throughout the municipality that Woollahra History and Heritage Society Inc prepared in 1988 be reviewed and updated with photographic records of each item.*
2. *That a report be prepared as to the appropriateness of adding these items to Woollahra Council's heritage register.*
3. *That the current standard condition and the implementation of the standard condition be reviewed.*

In response to this decision an investigation was carried out and the findings reported to Council's Urban Planning Committee on 23 February 2015. As a result, at its meeting of 9 March 2015, Council resolved:

That a planning proposal be prepared to list the collection of 493 street name inlays identified in Annexure 1 of the report to Urban Planning Committee, dated 23 February 2015, as an item of local heritage significance in the Woollahra Local Environmental Plan 2014.

The planning proposal (**Annexure 1**) was prepared and submitted to the Department of Planning and Environment who issued a gateway determination on 28 January 2016 (**Annexure 2**).

2. Public exhibition

The planning proposal was exhibited from 24 February 2016 to 31 March 2016, consistent with the *Environmental Planning and Assessment Act 1979*, the *Environmental Planning and Assessment Regulation 2000* and the conditions set out in the gateway determination.

The exhibition took place at Woollahra Council Chambers in Double Bay, in the Customer Service area during business hours. A copy of the planning proposal and information required by the gateway determination was also placed on Council’s website for the duration of the exhibition period. Details of the exhibition were notified in the Wentworth Courier editions of 2, 9, 16, 23 and 30 March 2016.

The following agencies were also notified: Roads and Maritime Services, Optus, Heritage Division, National Broadband Network, Sydney Water, Department of Planning and Environment, Office of Local Government, Ausgrid, Telstra and AGL Energy Limited.

During the exhibition period the information page on Council’s website was visited by 87 external customers.

3. Submissions

Three submissions were received:

1. Mr Peter Poland, Woollahra History and Heritage Society;
2. Mr Justin O’Meara, National Broadband Network; and
3. Mr Rajeev Maini, NSW Office of Environment and Heritage.

A summary of the submissions and staff responses is provided in the table below. A copy of submissions is provided at **Annexure 3**.

1. Woollahra History and Heritage Society (WHHS)	
<p><i>Issues raised in submission:</i></p> <ul style="list-style-type: none"> • Concerned about the discrepancy between the number of inlays identified in the 1988 survey and the recent 2014 survey, a loss of approximately 20%. • Suggests a clause could be included to allow the addition of inlays that have been found following a comparison of the two surveys. 	<p><i>Staff response:</i></p> <ul style="list-style-type: none"> • A comprehensive survey was carried out in 2014 that compared existing inlays with those identified in the 1988 survey. This revealed that over 20% of the inlays have been removed. • The 2014 survey documents the comparison between the 1988 survey and the current situation. This inventory has been provided to the WHHS (an extract can be found at Annexure 4). • Further investigation was carried out in response to this submission and a minor administrative amendment is proposed to the planning proposal. Rather than mapping every street name inlay on the Woollahra LEP 2014 Heritage Map, we recommend only listing the inlays, by suburb as a collective group in <i>Schedule 5: Environmental Heritage</i>. Identifying the inlays only in the schedule has been supported by the regional team at the <i>Department of Planning and Environment</i> and is consistent with the approach used in the <i>Marrickville Local Environmental Plan 2011</i> for listing street name inlays.

	<ul style="list-style-type: none"> The advantages of this approach are as follows: <ul style="list-style-type: none"> Including a suburb generic entry in the heritage schedule (and not shown on the map) ensures that all inlays in the LGA are identified as an item, even if they have been omitted from the schedule. If additional inlays are identified, these can be recorded in Council's inventory document (and GIS system), but an amendment to the Woollahra LEP 2014 is not required. Mapping every inlay results in a large and overwhelming volume of information on the WLEP 2014 Heritage Map. Removing the mapped points avoids any potential inconsistency between the location of the point on the map and the location of the inlay in the street.
<ul style="list-style-type: none"> An inlay for 'Iluka Street' was noted as being in Bellevue Hill when it should be Rose Bay. 	<ul style="list-style-type: none"> Noted. This has been amended in the inventory.

2. National Broadband Network	
<p><i>Issues raised in submission:</i></p> <ul style="list-style-type: none"> Concerns were raised that a heritage listing of all the street inlays would mean individual approvals from Council would be required for any work carried out as part of the nbn rollout, which would cause lengthy delays. 	<p><i>Staff response:</i></p> <ul style="list-style-type: none"> Council staff have discussed the use of clause 5.10(3) of the Woollahra LEP 2014 and have agreed to issue a blanket exemption from the need to obtain development consent for works associated with the nbn rollout. This approach has been accepted by the nbn. A standard specification for the removal, care and reinstatement of inlays where necessary would form part of the exemption letter.

3. NSW Office of Environment and Heritage	
<p><i>Issues raised in submission:</i></p> <ul style="list-style-type: none"> No issues raised. The submission supports a local listing as the inlays meet the significance criteria for local heritage listing. 	<p><i>Staff response:</i></p> <ul style="list-style-type: none"> Support noted.

4. Making the draft LEP under delegated authority

To streamline the plan making process, the Minister can delegate some plan making powers to Council for routine matters. In this case, the Council has been provided with written authorisation to exercise the functions of the Greater Sydney Commission to make a local environmental plan under section 59 of the Act (**Annexure 5**).

Should Council resolve to finalise the planning proposal, staff will request that the Parliamentary Counsel (PC) prepare a draft local environmental plan with one administrative amendment. Staff recommend that the street name inlays are not individually mapped, but only listed by suburb as a collective group in *Schedule 5: Environmental Heritage*. This approach is supported by the *Department of Planning and Environment* consistent with the approach used in the *Marrickville Local Environmental Plan 2011* for listing street name inlays. Once the draft LEP has been prepared, PC will issue an opinion that it can be made.

Alternatively, if Council decides not to finalise the planning proposal, it should resolve to write to the Minister requesting him or his delegate not to proceed with the proposal under section 58(4) of the Act.

5. Conclusion:

The significance of the street name inlays has been properly assessed under the NSW Heritage Branch publication, *Assessing Heritage Significance* and found to have significance under the historical, aesthetic, social and representative criteria.

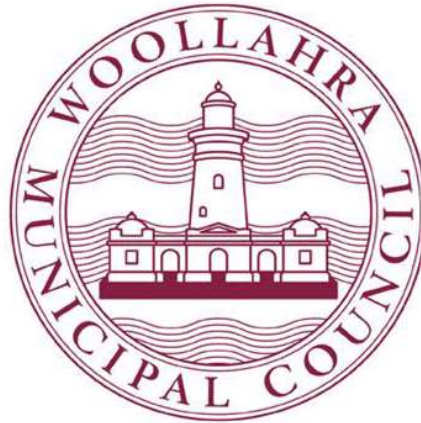
The planning proposal was prepared and exhibited in the manner required by the Act, Regulations and gateway determination. The matters raised in the three submissions have been considered, and staff recommend finalising the planning proposal by removing the inlays from the map and only listing the inlays as a collective group in *Schedule 5: Environmental Heritage*.

For the reasons outlined in this report and those identified in the Urban Planning Committee report dated 23 February 2016, it is recommended that Council resolve to finalise the planning proposal to amend WLEP 2014 by listing the street name inlays as a local heritage item.

Annexures

1. Planning proposal, as exhibited
2. Gateway determination
3. Submissions
4. Sample from inventory
5. Written authorisation to exercise delegation

Annexure 1



PLANNING PROPOSAL

**Local heritage listing
Street sign inlays**

December 2015

Version date 21 December 2015

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Part 1 – Introduction

This planning proposal is made in relation to the local heritage listing of 493 street name inlays within the Woollahra Municipality as a heritage item. The intention of the planning proposal is to provide for the on-going protection and recognition of the heritage significance of street name inlays.

This planning proposal has been prepared in accordance with section 55 of the *Environmental Planning and Assessment Act 1979 (EP&A Act)* and the two documents prepared by the NSW Department of Planning and Infrastructure titled *A Guide to Preparing Planning Proposals (October 2012)* and *A Guide to Preparing Local Environmental Plans (April 2013)*.

Part 2 – Site and context description

The planning proposal applies to land shown in Figure 1 and described in the table in **Attachment 1**. Detailed maps can be found in Part 6 Mapping.

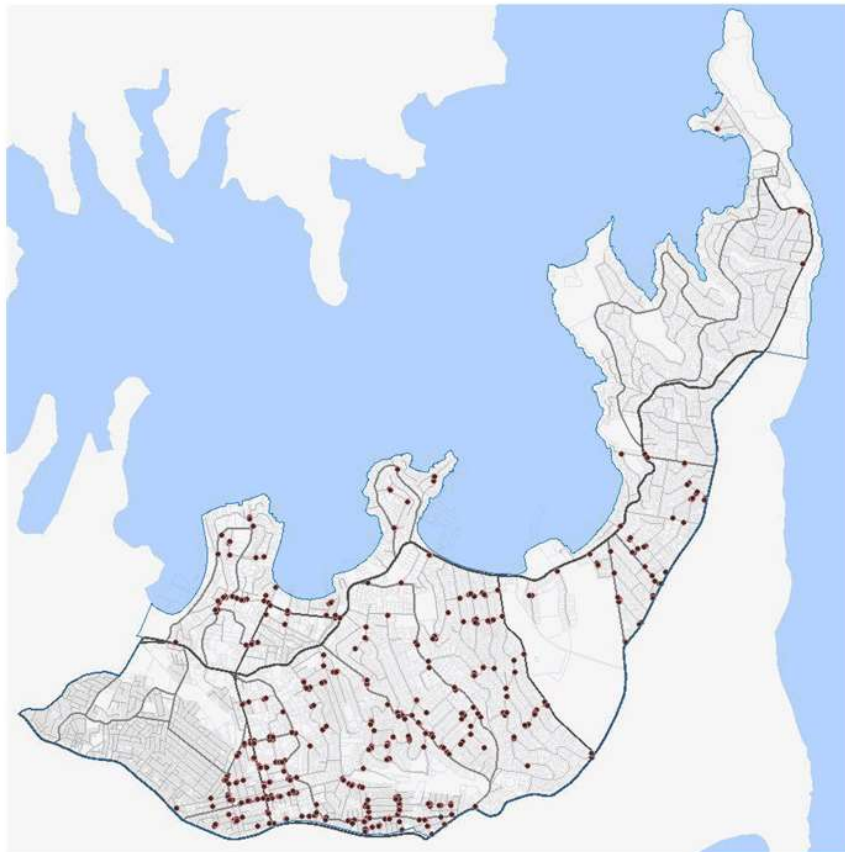


Figure 1. Locations of street sign inlays in Woollahra Municipality.

2.1 Description

There were 609 street name inlays recorded in the Municipality in 1988 by the Woollahra History and Heritage Society. A survey undertaken in 2014 recorded 493 remaining street name inlays. Street name inlays are generally found at intersections or the entrance to parks with the greatest concentration of sites found in the suburb of Woollahra. The further away from the suburb of Woollahra, the lighter the distribution.

The letters are uniformly 152mm high, around 95mm wide for all except M and W which are around 110mm wide. The script is bold san-serif 32mm wide and all upper case. In the case of abbreviations, 'RD' (mostly small 'D'), 'ST' (sometimes small 'T'), 'LN', 'L', 'HD', 'STH', 'AV', and 'AVE' are used. Spacing between the letters varies, around 30 to 50mm, while the maximum number of letters, excluding 'RD' etc. is 11.

The inlay is a stiff mortar mixture coloured with red ochre, filling the letter depression to its maximum depth of 7mm.

Streets with long names, such as Chamberlain and Albermarle, generally missed out as there would have been some difficulty in fitting them into the regular footpath width – around 1750mm. However, in the few places street names are abbreviated or spread over multiple lines. Hence there is the abbreviated OLD STH HD RD, whilst Darling Point Road is distributed over three lines in the footpath outside St Marks Church. Where inlays were located in lanes, it was the general practice to inlay the kerb as the footpath is generally very narrow. However, in some instances, the inlay appears in the footpath running parallel to the kerb. At a few sites, mostly in Woollahra, the inlays appear in the gutter; however, this practice was not generally adopted.

2.2 Physical condition

The inlays, where remaining intact and undisturbed, are in remarkably good condition. Only a few show signs of cracking.

Some inlays have been damaged by kerb, gutter or footpath maintenance works, including the placement of asphalt over parts of inlays.



Figure 2. Examples of street sign inlays located in Woollahra

Part 3 – Historical overview

Some of Sydney's older suburbs have had the names of their streets set into the concrete footpaths believed to be part of civic beautification works of the 1930s. These works are thought to have been carried out using Depression-era labour, creating the dual benefits of gainful employment and municipal improvements. These street names now contribute to the aesthetics and character of the areas in which they feature. The suburbs where street name inlays can be found include Petersham, Lewisham and Stanmore within Marrickville Municipal boundaries and Chatswood, within Willoughby Council boundaries.

Although many have been broken or damaged over the years, local councils have begun to recognise the heritage value of these concrete names. The Marrickville Heritage Study of 1984-86, for example, lists street names on footpaths and kerbing as interesting examples of the type of works undertaken in the old Municipality of Petersham, adding that the remaining examples help to define the character of the area.

Research revealed the following article in the Courier-Mail in Brisbane on Wednesday 3 June 1936:

STREET NAMES MAY BE SET IN CONCRETE FOOTPATHS

A novel scheme for displaying street names has been propounded by Alderman Luckins. At yesterday's meeting of the City council he gave notice of motion that the works committee should consider a scheme whereby, when concrete slab footpaths are being constructed, the name of the street should be Inlaid in the foot path at each end of the thoroughfare. Alderman Luckins's scheme is intended to operate in future concrete footpath work, in cases where street names are not displayed on finger posts.

It is thought that these signs were part of the replacement of asphalt footpaths with concrete. In 1929 Ashfield Council took out large loans to commence a program of paving its roads with concrete and replacing its asphalt footpaths with concrete at the same time. These types of works became a major part of a program to provide employment for men during the Great Depression of 1930-1937.

It is known that similar types of civic improvements also occurred quite simultaneously in other Councils such as Woollahra. In the 1930s, an extensive programme of implanting street names in footpaths, kerbs and gutters was undertaken throughout the Woollahra Municipality as it was at that time.

Part 4 – Objectives of the planning proposal

The objectives of the planning proposal are:

1. to recognise the local heritage significance of street sign inlays;
2. to provide statutory protection of street sign inlays as local heritage items;
3. to provide for the conservation of street sign inlays.

The street sign inlays have been identified as having local heritage significance. This has been established through an assessment using seven criteria contained in the document titled Assessing Heritage Significance produced by the NSW Heritage Office in 2001, part of the NSW Heritage Manual.

A copy of the assessment is contained in **Attachment 2**.

Part 5 – Explanation of provisions

The objectives of the planning proposal will be achieved by:

1. Listing the street name inlays as heritage items in Woollahra Local Environmental Plan 2014, and
2. Utilising the heritage conservation provisions in Woollahra LEP 2014.

Listing of a heritage item occurs within Schedule 5 of the LEP. The listing will identify the site by its suburb. The listing will also contain a brief description of the item. The heritage conservation map will be amended to colour the sites, thereby identifying land on which a heritage item is located.

In accordance with the Standard Instrument LEP the listing will be in the form set out below:

Suburb	Item name	Address	Property description	Significance	Item no
Bellevue Hill	Street sign inlays	Various	Footpath street sign inlays	Local	TBC
Darling Point	Street sign inlays	Various	Footpath street sign inlays	Local	TBC
Double Bay	Street sign inlays	Various	Footpath street sign inlays	Local	TBC
Point Piper	Street sign inlays	Various	Footpath street sign inlays	Local	TBC
Rose Bay	Street sign inlays	Various	Footpath street sign inlays	Local	TBC
Watsons Bay & Vaucluse	Street sign inlays	Various	Footpath street sign inlays	Local	TBC
Woollahra	Street sign inlays	Various	Footpath street sign inlays	Local	TBC

One number will be given to each item, divided into suburbs, and duplicated on the map for each inlay within that suburb (see part 6 for an extract of the proposed mapping).

The heritage conservation provisions are contained in clause 5.10 of Woollahra LEP 2014.

Attachment 3 contains an extract from Woollahra LEP 2014 showing the conservation clauses.

Part 6 – Justification

Section A – Need for the planning proposal

1. Is the planning proposal a result of any strategic study or report?

Woollahra Council Planning Proposal – Street sign inlays
21 December 2015

4

Yes. The planning proposal is the result of a decision of the Council to investigate the heritage significance of street name inlays. The study was undertaken by Council's Strategic Planning Department and reported to Council's Urban Planning Committee in February 2015. A copy of this report is contained in **Attachment 4**.

The study found that the 493 street name inlays throughout the footpaths and kerbs of the Municipality have historic and social significance for their construction in the 1930s as part of a civic beautification scheme that is thought to have taken advantage of surplus labour following the Great Depression.

At its meeting of 9 March 2015, Council resolved that a planning proposal be prepared to heritage list the collection of 493 street name inlays by suburb in the Woollahra LEP 2014.

2. Is the planning proposal the best means of achieving the objectives, or is there a better way?

Yes. The planning proposal is the best means of achieving the objectives because statutory protection for the street sign inlays as a local heritage item can only be obtained in a local environmental plan.

Section B – Relationship to strategic planning framework

3. Is the planning proposal consistent with the objectives and actions contained within the applicable regional or sub-regional strategy (including the Sydney Metropolitan Strategy and exhibited draft strategies)?

Yes. The planning proposal is consistent with the relevant objectives and actions contained in A Plan for Growing Sydney (December 2010) and the Draft East Subregional Strategy (July 2007). Each of these documents are addressed below.

A Plan for Growing Sydney (December 2014)	
<p>This plan contains:</p> <ul style="list-style-type: none"> • A vision for Sydney • 4 goals, 3 planning principles and 22 directions • Priorities for Sydney's 6 subregions. (The street sign inlays are located with the Central Subregion) <p>A Plan for Growing Sydney is a high level, strategic planning document. Only a very small part of the Plan's content has relevance to the planning proposal. The relevant parts of the Plan are listed below.</p>	
Goal	Comment on consistency
<p>3. A great place to live with communities that are strong, healthy and well connected. Under this goal, the Plan states in part, the Plan builds on Sydney's reputation of a vibrant cosmopolitan culture by requiring quality public spaces, green spaces, sports facilities and precincts that engage people and reflect the city's heritage and history.</p>	<p>The planning proposal will help meet this goal by recognising and protecting part of Sydney's heritage.</p>
Directions	
<p>A set of 22 directions are listed for the four goals of <i>A Plan for Growing Sydney</i>. Each direction has been considered, but many are not related to this planning proposal. The relevant planning direction is addressed below.</p>	
Direction	Comment on consistency
<p>3.4 Promote Sydney's heritage, arts and culture.</p>	<p>The planning proposal is the result of a local heritage study in accordance with best practice guidelines in the ICOMOS Burra Charter and the NSW Heritage Manual. The study identified the street sign inlays as having local heritage significance.</p>
Central Sub-region priorities	Comment on consistency
<p>The priorities for the Central Sub-region are:</p> <ul style="list-style-type: none"> ▪ A competitive economy. ▪ Accelerate housing supply, choice and affordability and build great places to live. ▪ Protect the natural environment and promote its sustainability and resilience. 	<p>None of these priorities are applicable to the planning proposal.</p>

Draft East Subregional Strategy (July 2007)	
<p>The Draft East Subregional Strategy provides a strategic planning framework for Sydney's eastern subregional. It provides an intermediate step between the higher level metropolitan strategy (A Plan for Greater Sydney) and local plans. The relevant parts of the Draft Strategy are listed below.</p> <p>Strategy E – Environment, Heritage and Resources</p> <p>Under this strategy, the Draft Strategy highlights the rich cultural history of the subregion demonstrated through historic areas, places and cultural features.</p>	
E6 – Conserve Sydney's cultural heritage	
Objective and action	Comment on consistency
<p>E6.1 Provide a consistent approach to identify and protect Sydney's cultural heritage.</p> <p>EA E6.1.1 Australian heritage agencies will develop standard criteria and threshold values</p>	<p>The heritage assessment that informed this planning proposal was carried out in accordance with the principles of the Burra Charter and the NSW Heritage Manual.</p>
<p>E6.2 Recognise where Sydney's cultural heritage contributes to its unique character and quality and manage change appropriately to reinforce local distinctiveness.</p>	<p>This planning proposal seeks to formally recognise the cultural significance of the street sign inlays by listing them as local heritage items.</p>
<p>E6.3 Interpret and promote Sydney's cultural heritage.</p>	<p>Local heritage listing of the street sign inlays will provide for their ongoing protection and recognition. The street sign inlays are located in the public domain and are visible evidence of an important civic beautification scheme. By recognising and protecting the inlays this planning proposal promotes and interprets an important part of Woollahra's cultural heritage.</p>

4. Is the planning proposal consistent with the council's local strategy or other local strategic plan?

Yes. The planning proposal is consistent with the Council's Community Strategic Plan titled *Woollahra 2025 – our community, our place, our plan*. Notably, the planning proposal meets the following strategy within Goal 4 (Well planned neighbourhood) under the theme Quality places and spaces.

4.3 Protect local heritage and residential amenity, including protection of significant architecture and the natural environment.

5. Is the planning proposal consistent with applicable state environmental planning policies?

A table addressing the applicability of all SEPPs and the consistency of the planning proposal is provided at **Attachment 5**. Based on this assessment, Council has concluded that the planning proposal is consistent with all applicable SEPPs.

6. Is the planning proposal consistent with applicable Ministerial Directions (s.117 directions)?

A table addressing the applicability of all s.117 directions and the consistency of the planning proposal is provided at **Attachment 6**.

Section C – Environmental, social and economic impact

7. Is there any likelihood that critical habitat or threatened species, populations or ecological communities, or their habitats, will be adversely affected as a result of the proposal?

The proposal does not apply to land, or is in the vicinity of land, that has been identified as containing critical habitats or threatened species, populations or ecological communities, or their habitats.

8. Are there any other likely environmental effects as a result of the planning proposal and how are they proposed to be managed?

There are no likely environmental effects arising from listing street name inlays as heritage items. Protection of the street inlays will be required where work in the vicinity is carried out. Protection measures are not likely to result in environmental harm, on the contrary, protection measures will assist in reducing harm to areas in the vicinity of the items.

Protection will be managed through the development assessment process or through Council's asset management teams who have a standardised specification for the protection of street sign inlays (**Attachment 7**).

9. How has the planning proposal adequately addressed any social and economic effects?

It is not anticipated that the planning proposal will have any negative social and economic effects which need to be addressed as part of the proposal.

Section D – State and Commonwealth interests

10. Is there adequate public infrastructure for the planning proposal?

Not applicable.

11. What are the views of State and Commonwealth public authorities consulted in accordance with the gateway determination?

This section will be completed following consultation with public authorities identified in the gateway determination. Public service authorities, including but not limited to, will be notified:

- Sydney Water
- Telstra
- NBN
- Optus
- Jemena
- Ausgrid

Part 6 – Mapping

Street sign inlays identified through the study have been mapped on Council's GIS program with an associated photograph.

An extract from the proposed Woollahra LEP 2014 maps is shown below:



Figure 3. Extract from proposed Woollahra LEP 2014 map.

Part 7 – Community consultation

An exhibition period of 28 days is intended. This is consistent with part 5.2 of *A guide to preparing local environmental plans*.

Public notification of the exhibition will comprise:

- A weekly notice in the local newspaper (the Wentworth Courier) for the duration of the exhibition period;
- A notice on Council's website;

Consultation will also have regard to the requirements set down in the gateway determination issued by the Director-General of the NSW Department of Planning and Environment.

During the exhibition period, the planning proposal, gateway determination and other relevant documentation will be available at Council's Customer Service Centre and on Council's website.

Part 8 – Project timeline

Assuming Council is authorised to exercise the functions of the Minister for Planning under section 59 of the *Environmental Planning and Assessment Act 1979*, the proposed timeline for completion is as follows:

Plan-making step	Estimated completion
Urban Planning Committee recommends proceeding	February 2015
Council resolution to proceed	March 2015
Gateway determination	January 2016
Completion of technical assessment	None anticipated
Public exhibition period	February 2016 (28 days)
Submissions assessment	March 2016
Council assessment of planning proposal post exhibition	March 2016
Submission of planning proposal to the DPE finalising the LEP	N/A – if subject to delegation
Council decision to make the LEP amendment (if delegated)	March 2016
Forwarding of LEP amendment to DPE for notification	March 2016
Notification of the approved LEP	April 2016

Attachment 1 Location of street sign inlays

Suburb	Location description
Watsons Bay & Vaucluse	Cambridge Avenue kerb near cnr of Old South Head Road Camp Street Gutter East Corner Camp Street Gutter West Corner Derby Street kerb 2 near cnr of Old South Head Road Derby Street kerb, near cnr of Old South Head Road Derby Street near cnr of Old South Head Road Old South Head Road near cnr of Derby Street
Rose Bay	Carlisle Street near cnr of Dover Road Carlisle Street near cnr of Hamilton Street Carlisle Street near cnr of Hamilton Street Cecil Road near cnr of Towns Road Corner of Hamilton and Carlisle Bas Relief Lettering Courtenay Road near cnr of Ebsworth Road Courtenay Road near cnr of Fernleigh Av Courtenay Road near cnr of Mitchell Road Dover Road Dover Road near cnr of OSH Road Dover Road near Dover Ln Dover Road near Short Ln Dover Road near Spencer Ln Ebsworth Road Ebsworth Road Faraday Avenue near cnr OSH Road Faraday Avenue near cnr OSH Road Faraday Avenue near cnr Newcastle Street Faraday Avenue near cnr Newcastle Street Fernleigh Avenue near cnr of Spencer Street Hamilton Street near cnr of OSH Road Hamilton Street near cnr of Carlisle Street Ian Ln near cnr of Carlisle Street Ian Ln near cnr of Ian Street Street Ian Ln near cnr of Ian Street Ian Street Mitchell Road near cnr of Courtenay Road Mitchell Road near cnr of Dudley Road Mitchell Road near cnr of Dudley Road Mitchell Road near cnr of OSH Road Mitchell Road near cnr of OSH Road New South Head Road near Towns Road Newcastle Street near cnr Albemarle Avenue Newcastle Street near cnr Faraday Avenue Newcastle Street near cnr Faraday Avenue Newcastle Street near cnr of Wilberforce Avenue Norwich Road near cnr NSH Road Norwich Road near cnr Richmond Road NSH Road near cnr of Caledonia Road

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	<p>OSH Road near cnr of Dover Road Richmond Road near cnr Norwich Road Richmond Road near cnr Norwich Road Tivoli Avenue Towns Road at Steps near New South Head Road Towns Road near cnr of Cecil Road Wilberforce Avenue near cnr of OSH Road Wilberforce Avenue near cnr of OSH Road Balfour Road kerb near cnr of Plumer Road Balfour Road near cnr of Plumer Road Balfour Road near cnr of Plumer Road Balfour Road near cnr of Powell Road Manion Avenue near cnr of Iluka Street Plumer Road Plumer Road kerb near cnr of O'Sullivan Avenue Plumer Road near cnr of Balfour Road Plumer Road near cnr of Beresford Road Plumer Road near cnr of Salisbury Road Powell Road Powell Road Powell Road Powell Road near cnr of Balfour Road Powell Road near cnr of O'Sullivan Avenue Powell Road near cnr of Salisbury Road Salisbury Road near cnr of Plumer Road Salisbury Road near cnr of Plumer Road Salisbury Road near cnr of Plumer Road Salisbury Road near cnr of Powell Road Newcastle Street near cnr Old South Head Road Old South Head Road near cnr Newcastle Street</p>
Point Piper	<p>Longworth Avenue near cnr of Wunulla Road Longworth Avenue near cnr of Wunulla Road Wentworth Place Wentworth Street Wentworth Street near cnr of Wentworth Place Wentworth Street near cnr of Wolseley Road Wolseley Road near cnr of Wentworth Street Wunulla Road near cnr of Longworth Avenue Wyuna Road near cnr of Wolseley Road</p>
Darling Point	<p>Bennett Avenue kerb near cnr of Hampden Avenue Bennett Avenue kerb near cnr of Hampden Avenue Bennett Avenue near cnr of Thornton Street Darling Point Road near cnr of Greenoaks Avenue Darling Point Road near cnr of Marathon Road Darling Point Road near cnr of Mona Road Darling Point Road North near cnr of Yarranabbe Road Darling Point Road kerb near cnr of Yarranabbe Road Darling Point Road near cnr of Loftus Road Darling Point Road near cnr of Yarranabbe Road Elizabeth Place near cnr of Marathon Road</p>

	<p>Etham Avenue near cnr of Darling Point Road Goomerah Crescent Hampden Avenue near cnr of Bennett Avenue Loftus Road near cr of Darling Point Road Marathon Avenue Marathon Avenue kerb Marathon Lane kerb Marathon Road near cnr of Marathon Avenue Marathon Road near Marathon Avenue Marine Parade near cnr of Ocean Avenue Mona Road near cnr of Darling Point Road New Beach Road near cnr of Yarranabbe Road Sutherland Crescent near cnr of Etham Avenue Yarranabbe Road North near cnr of Darling Point Road Yarranabbe Road kerb near cnr of Darling Point Road Greenoaks Avenue near cnr of Ocean Avenue</p>
Double Bay	<p>Bay Street near cnr of William Street Castra Place Cooper Street near cnr of Ocean Avenue Cross Lane Cross Street near cnr of Bay Street Cross Street near cnr of Ocean Avenue New South Head Road near cnr of William Street Pearce Street near cnr of Castra Place Pearce Street near cnr of Castra Place Pearce Street near cnr of William Street Sherbrooke Avenue near cnr of William Street South Lane near cnr of Cooper Street Spring Street near cnr of Marathon Road Spring Street near steps to Wiston Gardens William Street kerb near cnr of Ocean Avenue William Street kerb near cnr of Ocean Avenue William Street near cnr of Ocean Avenue William Street near cnr of Bay Street William Street north side near cnr of Bay Street Kiaora Road near cnr of Court Road Leura Road near Kiaora Road Manning Road at steps to Wallaroy Road Cooper Street kerb near cnr of Ocean Avenue Cooper Street near cnr of Ocean Avenue Court Road near cnr of Manning Road</p>
Bellevue Hill	<p>Beresford Crescent at top of steps from Cranbrook Road Cranbrook Lane Steps East Cranbrook Lane Steps West Cranbrook Road near cnr of Cranbrook Lane Cranbrook Road near cnr of Cranbrook Lane Iluka Street Kambala Road near cnr of Ginaghulla Road Kent Road near cnr of NSH Road Victoria Road</p>

	<p> Bulkara Road near cnr of Trahlee Road Trahlee Road near Cn of Bulkara Road Trahlee Road near cnr of Fairfax Road Victoria Road near cnr of NSH Road Benelong Cr at steps to Birriga Road Benelong Cr at steps to Birriga Road Benelong Cr near cnr of Bundarra Road Birriga Road near cnr of Old South Head Road Birriga Road near cnr of Old South Head Road Blaxland Road near cnr of Bunyula Road Blaxland Road near cnr of Bunyula Road Bundarra Road near cnr of Benelong Cr. Bunyula Road near cnr of Blaxland Road Bunyula Road near cnr of Boronia Road Bunyula Road near cnr of Boronia Road Bunyula Road near cnr of Boronia Road Bunyula Road near cnr of O'Sullivan Latimer Road at steps to O'Sullivan Road Latimer Road kerb near cnr of Bunyula & Boronia Roads O'Sullivan Road at steps to Latimer Road O'Sullivan Road near cnr of Bunyula Road O'Sullivan Road near cnr of Bunyula Road Balfour Lane near cnr of Balfour Road Balfour Lane near cnr of Balfour Road Balfour Lane near cnr of Beresford Road Balfour Lane near cnr of Beresford Road Balfour Road near cnr of Latimer Road Bellevue Road at steps to March Street Beresford Road kerb near cnr of Drumalbyn Road Beresford Road near cnr of Drumalbyn Road Bradley Avenue near cnr of Riddell Street Bradley Avenue near cnr of Riddell Street Bulkara Road near cnr of Bellevue Road Bundarra Road near cnr of Latimer Road Bundarra Road near cnr of Latimer Road Carrington Avenue near nr of Cranbrook Road Carrington Avenue Steps to Victoria Road Cranbrook Road near cnr of Carrington Avenue Drumalbyn Road kerb near cnr of Beresford Road Drumalbyn Road near cnr of Beresford Road Drumalbyn Road near cnr of Victoria Road Fairweather Street near cnr of Bellevue Road Fairweather Street near cnr of Bellevue Road Foster Av. kerb near cnr of Vivian Street Foster Avenue near cnr of Victoria Road Foster Avenue near cnr of Vivian Street Foster Avenue near cnr of Vivian Street 'Kambala Court' near cnr of Kambala Place Kambala Road near cnr of Kambala Place Lamb Street near cnr of March Street </p>
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	<p>Latimer Road near cnr of Bundarra Road Latimer Road near cnr of Bunyula Road Lennox Street near cnr of Rivers Street Lennox Street near cnr of Rivers Street Mansion Road near cnr of Victoria Road March Street near cnr of Victoria Road March Street steps to Bellevue Road March Street steps to Bellevue Road Rivers Street near cnr of Bellevue Road Rivers Street near cnr of Vicoria Road Rivers Street near cnr of Victoria Road Rosslyn Street near cnr of Bellevue Road Rosslyn Street near cnr of Bellevue Road Rosslyn Street near cnr of Vivian Street Tarrant Avenue near cnr of Kulgoa Road Victoria Avenue at steps to Rupertswood Avenue Victoria Road at steps to Carrington Avenue. Victoria Road near cnr of March Street Vivian Street near cnr of Foster Avenue Vivian Street near cnr of Rivers Street Yamba Road kerb near cnr of Bellevue Road Yamba Road near cnr of Bellevue Road Arthur Street near cnr of Bellevue Road Arthur Street near cnr of Carlotta Road Bellevue Road Gutter near Cooper Park Road Bellevue Road kerb near cnr of Yamba Road Bellevue Road near cnr of Bulkara Road Bellevue Road near cnr of Bulkara Road Bellevue Road near cnr of Fairweather Street Bellevue Road near cnr of Rivers Street Bellevue Road near cnr of Streatfield Road Bellevue Road near cnr of Yamba Road Bellevue Road near cnr of Yamba Road Carlotta Road near cnr of Arthur Street Carlotta Road near cnr of Arthur Street Carlotta Road near cnr of Glendon Road Cooper Park Road near cnr of Bellevue Road Epping Road near cnr of Forest Road Epping Road near cnr of Forest Road Forest Road near cnr of Epping Road Glendon Road near cnr of Carlotta Road Glendon Road near cnr of Carlotta Road Holland Road kerb near cnr of Northland Road Holland Road kerb near cnr of Warren Road Holland Road near cnr of Northland Road Holland Road near cnr of Northland Road Kambala Road near cnr of Bellevue Road Northland Road kerb near cnr of Ranfurley Road Northland Road near cnr of Holland Road Northland Road near cnr of Ranfurley Road</p>
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	<p>Ranfurley Road kerb Ranfurley Road kerb near cnr of Holland Road Ranfurley Road kerb near cnr of Northland Road Ranfurley Road near cnr of Holland Road Ranfurley Road near cnr of Northland Road Streatfield Road near cnr of Bellevue Road Streatfield Road near cnr of Bellevue Road Streatfield Road near cnr of Cooper Park Road Streatfield Road near cnr of Warren Road Suttie Road near cnr of Northland Road Suttie Road opposite Bunna Place Wallaroy Road at steps to Manning Road Warren Road near cnr of Holland Road Warren Road near cnr of Streatfield Road Warren Road near cnr of Streatfield Road Warren Road near cnr of Streatfield Road Warren Road near cnr of Suttie Road</p>
<p>Woollahra</p>	<p>View Street southeast cnr of Adelaide Street View Street southwest cnr of Adelaide Street View Street southwest cnr with Bathurst Lane View Street kerb southeast cnr of Adelaide Street View Street kerb southwest cnr of Adelaide Street View Street northwest cnr of Adelaide Street Victoria Road near cnr of Old South Head Road View Street gutter northwest cnr of Adelaide Street View Street gutter southwest cnr with Bathurst Lane Tindale Lane near cnr of Old South Head Road Tindale Lane western cnr of Edgecliff Road Vernon Street western cnr of Edgecliff Road Small Street eastern cnr of Fletcher Street Small Street western cnr of Fletcher Street Tindale Lane eastern cnr of Edgecliff Road Saber Street northern cnr of Rowe Street Saber Street southern cnr of Rowe Street Russell Street eastern cnr of Edward Street Saber Street Gutter southern cnr of Rowe Street Saber Street kerb southern cnr of Rowe Street Rowe Street Gutter western cnr of Edgecliff Road Rowe Street northern cnr of Saber Street Rowe Street southern cnr of Saber Street Rowe Street eastern cnr of Edgecliff Rowe Street Gutter eastern cnr of Edgecliff Rowe Street Gutter northern cnr of Saber Street Old South Head Road near cnr of Fern Place Old South Head Road near cnr of Tindale Lane Old South Head Road near cnr of Victoria Road Magney Street eastern cnr of Edgecliff Road Magney Street western cnr of Edgecliff Road Manning Avenue southern cnr of Attunga Street Magney Lane eastern cnr of Icasia Lane</p>

	<p>Magney Lane western cnr of Edgecliff Road Magney Lane western cnr of Fern Place Kendall Street near cnr of Edgecliff Road Kendall Street near cnr of Fletcher Street Leswell Street near cnr of Edgecliff Road Magney Lane eastern cnr of Edgecliff Road Grosvenor Street southern cnr of Davis Lane Harkness Lane near cnr of Edgecliff Road Junction Street near cnr of Edgecliff Road Grafton Street (FERN PLACE) near cnr of Old South Head Road Grosvenor Street northern cnr of Davis Lane Fletcher Street northwest cnr of Bathurst Street Fletcher Street south cnr of Bathurst Street Fletcher Street western cnr of Yarwood Lane Fletcher Street near cnr of Fletcher Lane Fletcher Street near cnr of Kendall Street Fletcher Street northeast cnr of Adelaide Street Fletcher Street eastern cnr of Yarwood Lane Fletcher Street kerb near cnr of Yarwood Lane Fletcher Street kerb south cnr of Bathurst Street Edward Street eastern cnr of Russell Street Edward Street western cnr of Russell Street Evesson Lane near cnr of Adelaide Street Edgecliff Road western cnr of Junction Street Edgecliff Road western cnr of Vernon Street Edward Street eastern cnr of Bathurst Street Dyson Lane western cnr of Edgecliff Road Edgecliff Road at walkway to Convent Lane Edgecliff Road southeast cnr of Bathurst Street Davis Lane southern cnr of Grosvenor Street Dawson Lane kerb near cnr of Davis Lane Dyson Lane eastern cnr of Edgecliff Road Carroll Lane near cnr of Adelaide Street Chester Lane near cnr of Edgecliff Road Davis Lane kerb northern cnr of Grosvenor Street Bathurst Street south cnr of Fletcher Street Bathurst Street western cnr of Edgecliff Road Bathurst Street western cnr of Edward Street Bathurst Street kerb opposite cnr of Fletcher Street Bathurst Street kerb western cnr of Edgecliff Road Australia Lane southeast cnr of Bathurst Street Bathurst Street eastern cnr of Edgecliff Road Bathurst Street kerb eastern cnr of Edgecliff Road Australia Lane north east cnr of Adelaide Street Australia Lane northeast cnr of Adelaide Street Australia Lane northeast cnr of Bathurst Street Adelaide Street southeast cnr of Fletcher Street Adelaide Street southwest cnr of View Street Attunga Street western cnr of Manning Avenue Adelaide Sreet southeast cnr of View Street</p>
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	<p>Adelaide Street kerb northwest cnr of Fletcher Street Adelaide Street northwest cnr of Edgecliff Street Albert Street kerb near cnr of Ocean Avenue Chiswick Lane kerb near cnr of Wellington Street Chiswick Lane near cnr of Forth Street Chiswick Lane near cnr of Forth Street Chiswick Lane near cnr of Wellington Street Chiswick Lane near cnr of Wellington Street Edgecliff Road near cnr of Trelawney Street Farran Lane near cnr of Wallis Street Farran Lane near cnr of Wallis Street Forth Street kerb near cnr of Ocean Street Forth Street kerb near cnr of Ocean Street Forth Street near cnr of Edgecliff Road Forth Street near cnr of Edgecliff Road Forth Street near cnr of Nelson Street Forth Street near cnr of Ocean Street Forth Street near cnr of Ocean Street Fullerton Street kerb near cnr of Trelawney Street Fullerton Street kerb near cnr of Wellington Street Fullerton Street kerb near cnr of Wellington Street Fullerton Street near cnr of Trelawney Street Kilminster Lane north cnr of Queen Street Kilminster Lane south cnr of Queen Street Manning Road at Steps to Wallaroy Cr. Manning Road near cnr of Court Road Manning Road near cnr of Forest Road Nelson Lane near cnr of Queen Street Nelson Street kerb near cnr of Queen Street Nelson Street kerb near cnr of Wallis Street Nelson Street near cnr of Forth Street Nelson Street near cnr of Queen Street Osborne Lane near cnr of Edgecliff Road Osborne Lane near cnr of Edgecliff Road Oswald Street near cnr of NSH Road Pine Hill Avenue near cnr of Manning Road Pine Hill Avenue near cnr of Manning Road Quambi Pl near cnr of Albert Street Quambi Pl near cnr of Albert Street Queen Street kerb near cnr of Ocean Street Queen Street near cnr of Nelson Street Rosemont Avenue kerb near cnr of Edgecliff Road Rosemont Avenue near cnr of Edgecliff Road Rosemont Avenue near cnr of Trelawney Street Rosemont Avenue near cnr of Trelawney Street Roslyndale Avenue near cnr of Edgecliff Road Sisters Lane near cnr of Albert Street Stanley Street near cnr of Edgecliff Road Trelawney Street Gutter near cnr of Ocean Street Trelawney Street Gutter near cnr of Rosemont Avenue</p>
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	<p>Trelawney Street kerb near cnr of Fullerton Street Trelawney Street kerb near cnr of Ocean Street Trelawney Street near cnr of Edgecliff Road Trelawney Street near cnr of Fullerton Street Trelawney Street near cnr of Ocean Street Trelawney Street near cnr of Ocean Street Trelawney Street near cnr of Rosemont Avenue Trelawney Street near cnr of Rosemont Avenue Waimea Avenue near cnr of Queen Street Waimea Avenue near cnr of Queen Street Wallaroy Road kerb near cnr of Wallaroy Cr Wallaroy Road near cn of Edgecliff Road Wallaroy Road near cnr of Wallaroy Cr Wallaroy Road near cnr of Wallaroy Cr Wallis Street near cnr of Edgecliff Road Wallis Street near cnr of Nelson Street Wallis Street near cnr of Ocean Street Weeroona Avenue near cnr of Roslyndale Wellington Street gutter north cnr of Ocean Street Wellington Street Gutter south cnr of Ocean Street Wellington Street near cnr of Edgecliff Road Wellington Street near cnr of Edgecliff Road Wellington Street near cnr of Fullerton Street Wellington Street near cnr of Ocean Street Wellington Street near cnr of Ocean Street Woods Avenue near cnr of Wallis Street Woods Avenue near cnr of Wallis Street Alton Street near corner of Queen Street Alton Street near corner of Queen Street Bowden Lane near corner of Wallis Street Dohauer Lane kerb near corner of John Street Halls Lane near corner of Smith Street Holdsworth Street kerb near corner of Queen Street Holdsworth Street near cnr of Jersey Road Holdsworth Street near cnr of Jersey Road Holdsworth Street near corner of Morrell Street Holdsworth Street near corner of Queen Street Holdsworth Street near corner of Queen Street James Street near corner of Dwyer Lane Jersey Road Gutter near corner of Moncur Street Jersey Road kerb near corner of Moncur Street Jersey Road near cnr of Holdsworth Street Jersey Road near corner of Moncur Street Jersey Road near corner of Rush Street John Street kerb near corner of Moncur Street John Street kerb near corner of Moncur Street John Street kerb near corner of Moncur Street John Street near corner of Moncur Street John Street near corner of Moncur Street John Street near corner of Ocean Street</p>
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	<p>John Street near corner of Victoria Avenue John Street near corner of Victoria Avenue Melrose Lane near corner of Jersey Road Moncur Street kerb near corner of John Street Moncur Street kerb near corner of John Street Moncur Street near corner of Jersey Road Moncur Street near corner of Jersey Road Morrell Street near corner of Moncur Street Ocean Avenue kerb near cnr of Albert Street Ocean Street kerb near cnr of Queen Street Ocean Street near cnr of Forth Street Ocean Street near cnr of Queen Street Ocean Street near cnr of Trelawney Street Ocean Street near cnr of Trelawney Street Ocean Street near cnr of Wallis Street Ocean Street near cnr of Wellington Street Ocean Street near cnr of Wellington Street Ocean Street near corner of John Street Ocean Street northwest cnr of Trelawney Street Peaker Lane near corner of Moncur Street Queen Street near corner of Ocean Street Rush Street kerb near corner of Moncur Street Rush Street kerb near corner of Moncur Street Rush Street near corner of Moncur Street Smith Street near corner of Moncur Street Spicer Street kerb near corner Spicer Street kerb near corner of Queen Street Spicer Street near corner of Morrell Street Spicer Street near corner of Morrell Street Spicer Street near corner of Queen Street Tara Street Gutter near cnr of Jersey Road Tara Street Gutter near cnr of Ocean Street Tara Street near cnr of Jersey Road Tara Street near cnr of Ocean Street Tara Street near cnr of Ocean Street Trelawney Street Gutter near cnr of Ocean Street Trelawney Street kerb near cnr of Jersey Road Trelawney Street kerb southwest cnr of Ocean Street Trelawney Street near cnr of Jersey Road Victoria Avenue kerb near corner of John Street Wallis Street near cnr of Ocean Street</p>
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Attachment 2 Heritage assessment (heritage inventory sheet)

ITEM DETAILS			
Name of item	Street name inlays		
Other name/s Former name/s			
Item type (if known)			
Item group (if known)			
Item category (if known)			
Area, Group or Collection Name			
Address	Various (see attachment)		
Suburb/town	Various	Postcode	Various
Local Government Area	Woollahra Municipality		
Property description	Within Municipal road reserves, New South Head Road and Old South Head Road		
Owner	Woollahra Municipal Council		
Current use	Street signage		
Statement of significance	The 493 street name inlays throughout the footpaths and kerbs of the Municipality have historic and social significance for their construction in the 1930s as part of a civic beautification scheme that is thought to have taken advantage of surplus labour following the Great Depression.		
Level of significance	State	Local	High

DESCRIPTION	
Designer	Unknown, but possibly the Department of Public Works.
Builder/maker	Unknown, but possibly the Department of Public Works.
Physical Description	There were 609 street name inlays recorded in the Municipality in 1988 by the Woollahra History and Heritage Society. A survey undertaken in 2014 recorded 493 remaining street name inlays. Street name inlays are generally found at intersections or the entrance to parks with the greatest concentration of sites

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	<p>found in the suburb of Woollahra. The further away from the suburb of Woollahra, the lighter the distribution.</p> <p>The letters are uniformly 152mm high, around 95mm wide for all except M and W which are around 110mm wide. The script is bold san-serif 32mm wide and all upper case. In the case of abbreviations, 'RD' (mostly small 'D'), 'ST' (sometimes small 'T'), 'LN', 'L', 'HD', 'STH', 'AV', and 'AVE' are used. Spacing between the letters varies, around 30 to 50mm, while the maximum number of letters, excluding 'RD' etc. is 11.</p> <p>The inlay is a stiff mortar mixture coloured with red ochre, filling the letter depression to its maximum depth of 7mm.</p> <p>Streets with long names, such as Chamberlain and Albermarle, generally missed out as there would have been some difficulty in fitting them into the regular footpath width – around 1750mm. However, in the few places street names are abbreviated or spread over multiple lines. Hence there is the abbreviated OLD STH HD RD, whilst Darling Point Road is distributed over three lines in the footpath outside St Marks Church. Where inlays were located in lanes, it was the general practice to inlay the kerb as the footpath is generally very narrow. However, in some instances, the inlay appears in the footpath running parallel to the kerb. At a few sites, mostly in Woollahra, the inlays appear in the gutter; however, this practice was not generally adopted.</p>				
Physical condition	<p>The inlays, where remaining intact and undisturbed, are in remarkably good condition. Only a few show signs of cracking.</p> <p>Some inlays have been damaged by kerb, gutter or footpath maintenance works, including the placement of asphalt over parts of inlays.</p>				
Construction years	Start year		Finish year	Circa	1930s
Modification and Dates	<p>Some inlays have been damaged or partially destroyed by insensitive road works or footpath maintenance, including cable laying and kerb construction. Some have been insensitively relocated.</p> <p>An inlay in Norwich Road which was destroyed by adjacent building works has been completely reconstructed with new materials and details to match the original.</p>				
Archaeological potential	<p>There is no archaeological potential related to the items.</p>				
Further comments	<p>It is expected that there were many more sites where street name inlays had been placed, but that these have been eliminated due to street widening, relaying of cables, street closures, kerb repositioning, new paved surfaces and complete replacement of footpaths.</p>				

HISTORY

Historical notes	<p>Some of Sydney's older suburbs have had the names of their streets set into the concrete footpaths believed to be part of civic beautification works of the 1930s. These works are thought to have been carried out using Depression-era labour, creating the dual benefits of gainful employment and municipal improvements.</p>
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	<p>These street names now contribute to the aesthetics and character of the areas in which they feature. The suburbs where street name inlays can be found include Petersham, Lewisham and Stanmore within Marrickville municipal boundaries and Chatswood, within Willoughby Council boundaries.</p> <p>The Haberfield Conservation Study, prepared for Ashfield Council in 1988, states that 'blue and white enamel street name signs and red cement lettering of street name signs let into the footpath were ... distinctive features' of the model suburb of Haberfield developed by entrepreneur Richard Stanton between the years 1901 and 1922.¹</p> <p>Although many have been broken or damaged over the years, local councils have begun to recognise the heritage value of these concrete names. The Marrickville Heritage Study of 1984-86, for example, lists street names on footpaths and kerbing as interesting examples of the type of works undertaken in the old Municipality of Petersham, adding that the remaining examples help to define the character of the area.</p> <p>Research revealed the following article in the Courier-Mail in Brisbane on Wednesday 3 June 1936:</p> <p style="text-align: center;"><i>STREET NAMES MAY BE SET IN CONCRETE FOOTPATHS</i></p> <p style="text-align: center;"><i>A novel scheme for displaying street names has been propounded by Alderman Luckins. At yesterday's meeting of the City council he gave notice of motion that the works committee should consider a scheme whereby, when concrete slab footpaths are being constructed, the name of the street should be Inlaid in the foot path at each end of the thoroughfare. Alderman Luckins's scheme is intended to operate in future concrete footpath work, in cases where street names are not displayed on finger posts.</i></p> <p>It is thought that these signs were part of the replacement of asphalt footpaths with concrete. In 1929 Ashfield Council took out large loans to commence a program of paving its roads with concrete and replacing its asphalt footpaths with concrete at the same time. These types of works became a major part of a program to provide employment for men during the Great Depression of 1930-1937.</p> <p>It is known that similar types of civic improvements also occurred quite simultaneously in other Councils such as Woollahra. In the 1930s, an extensive programme of implanting street names in footpaths, kerbs and gutters was undertaken throughout the Woollahra Municipality as it was at the time - over 600 were put in place.</p>
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HISTORICAL THEMES		
Australian theme	New South Wales theme	Local theme
3. Developing local, regional and national economies	Communication	Local street identification markings

¹ <http://www.meganix.net/pavement/tag/footpaths/page/2/>

4. Building settlements, towns and cities	Towns, suburbs and villages	Civic beautification schemes
4. Building settlements, towns and cities	Land tenure	Local street identification markings
5. Working	Labour	Depression-era employment schemes

APPLICATION OF CRITERIA	
Historical significance SHR criteria (a)	The collection of street name inlays provide evidence of a large scale civic beautification scheme that was adopted by many local councils during the 1930s. The introduction of the street name inlay scheme throughout Woollahra is an indicator of civic pride. The program also reflects the use of surplus labour following the Great Depression for civic beautification schemes.
Historical association significance SHR criteria (b)	The item does not have any known strong or special association with the life or works of a person, group of persons, of importance in the cultural or natural history of the local area.
Aesthetic significance SHR criteria (c)	The collection of street name inlays are of a consistent character that is aesthetically distinctive and recognisable throughout Woollahra and other local government areas in NSW. Although construction techniques vary, the colour, size and font used for the inlays demonstrates the consistent and recognisable style used by Councils that adopted a street name inlay scheme during the 1930s.
Social significance SHR criteria (d)	The items have social significance for their association with the period following the Great Depression and the labour surplus which was utilised in civic beautification programs including the street name inlays scheme.
Technical/Research significance SHR criteria (e)	The items do not have potential to yield substantial scientific and/ or archaeological information that will contribute to an understanding of the cultural history of the local area. The items have some interest because of the red oxide colour added to the cement of the letters which is now difficult to acquire.
Rarity SHR criteria (f)	The items do not possess uncommon, rare or endangered aspects of the area's cultural history. Large numbers of the street name inlays can still be found in the local area.

Representativeness SHR criteria (g)	The remaining street name inlays provide a representative example of the use of Depression-era labour for municipal improvements and the large scale civic beautification programs that were carried out in the municipality during the 1930s.
Integrity	High

HERITAGE LISTINGS	
Heritage listing/s	Woollahra Council LEP 2014: No State Heritage Register / Inventory: No Royal Australian Institute of Architects (NSW Chapter) Register of 20th Century Buildings of Significance: No National Trust of Australia (NSW): No Register of the National Estate (now non-statutory): No

INFORMATION SOURCES				
Type	Author/Client	Title	Year	Repository
Study	Bruce Crosson, for the Woollahra History and Heritage Society (WHHS)	'Signs Underfoot – Street Name Inlays in Footpaths, Kerbs and Gutters of Old Woollahra'	April 1988	Woollahra Council
Study	Amelia Parkins, Max Moratelli- Woollahra Council	Street name inlays-inventory	November 2014	Woollahra Council

RECOMMENDATIONS	
Recommendations	List the items on Woollahra LEP 2014, providing a separate listing for each group of items within each suburb, being Bellevue Hill, Darling Point, Double Bay, Point Piper, Rose Bay, Watson's Bay and Woollahra. Prepare a map to allow identification of the items that is accessible to the public and to the Council planners, engineers and other interested parties. Prepare a specification for repair and replacement of street name inlays. Adopt this inventory sheet to disseminate information on the significance of the items.

SOURCE OF THIS INFORMATION			
Inspected by	Name/s of the person/s who carried out the on site assessment of the item. Sara Reilly, Amelia Parkins and Max Moratelli		
NSW Heritage Manual guidelines used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
This form completed by	Sara Reilly and Amelia Parkins, Woollahra Council	Date January 2015	

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Attachment 3 Woollahra LEP 2014 conservation clauses

5.10 Heritage conservation

Note. Heritage items (if any) are listed and described in Schedule 5. Heritage conservation areas (if any) are shown on the Heritage Map as well as being described in Schedule 5.

(1) **Objectives**

The objectives of this clause are as follows:

- (a) to conserve the environmental heritage of Woollahra,
- (b) to conserve the heritage significance of heritage items and heritage conservation areas, including associated fabric, settings and views,
- (c) to conserve archaeological sites,
- (d) to conserve Aboriginal objects and Aboriginal places of heritage significance.

(2) **Requirement for consent**

Development consent is required for any of the following:

- (a) demolishing or moving any of the following or altering the exterior of any of the following (including, in the case of a building, making changes to its detail, fabric, finish or appearance):
 - (i) a heritage item,
 - (ii) an Aboriginal object,
 - (iii) a building, work, relic or tree within a heritage conservation area,
- (b) altering a heritage item that is a building by making structural changes to its interior or by making changes to anything inside the item that is specified in Schedule 5 in relation to the item,
- (c) disturbing or excavating an archaeological site while knowing, or having reasonable cause to suspect, that the disturbance or excavation will or is likely to result in a relic being discovered, exposed, moved, damaged or destroyed,
- (d) disturbing or excavating an Aboriginal place of heritage significance,
- (e) erecting a building on land:
 - (i) on which a heritage item is located or that is within a heritage conservation area, or
 - (ii) on which an Aboriginal object is located or that is within an Aboriginal place of heritage significance,
- (f) subdividing land:
 - (i) on which a heritage item is located or that is within a heritage conservation area, or
 - (ii) on which an Aboriginal object is located or that is within an Aboriginal place of heritage significance.

(3) **When consent not required**

However, development consent under this clause is not required if:

- (a) the applicant has notified the consent authority of the proposed development and the consent authority has advised the applicant in writing before any work is carried out that it is satisfied that the proposed development:

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- (i) is of a minor nature or is for the maintenance of the heritage item, Aboriginal object, Aboriginal place of heritage significance or archaeological site or a building, work, relic, tree or place within the heritage conservation area, and
 - (ii) would not adversely affect the heritage significance of the heritage item, Aboriginal object, Aboriginal place, archaeological site or heritage conservation area, or
 - (b) the development is in a cemetery or burial ground and the proposed development:
 - (i) is the creation of a new grave or monument, or excavation or disturbance of land for the purpose of conserving or repairing monuments or grave markers, and
 - (ii) would not cause disturbance to human remains, relics, Aboriginal objects in the form of grave goods, or to an Aboriginal place of heritage significance, or
 - (c) the development is limited to the removal of a tree or other vegetation that the Council is satisfied is a risk to human life or property, or
 - (d) the development is exempt development.
- (4) **Effect of proposed development on heritage significance**
The consent authority must, before granting consent under this clause in respect of a heritage item or heritage conservation area, consider the effect of the proposed development on the heritage significance of the item or area concerned. This subclause applies regardless of whether a heritage management document is prepared under subclause (5) or a heritage conservation management plan is submitted under subclause (6).
- (5) **Heritage assessment**
The consent authority may, before granting consent to any development:
- (a) on land on which a heritage item is located, or
 - (b) on land that is within a heritage conservation area, or
 - (c) on land that is within the vicinity of land referred to in paragraph (a) or (b),
- require a heritage management document to be prepared that assesses the extent to which the carrying out of the proposed development would affect the heritage significance of the heritage item or heritage conservation area concerned.
- (6) **Heritage conservation management plans**
The consent authority may require, after considering the heritage significance of a heritage item and the extent of change proposed to it, the submission of a heritage conservation management plan before granting consent under this clause.
- (7) **Archaeological sites**
The consent authority must, before granting consent under this clause to the carrying out of development on an archaeological site (other than land listed on the State Heritage Register or to which an interim heritage order under the [Heritage Act 1977](#) applies):
- (a) notify the Heritage Council of its intention to grant consent, and
 - (b) take into consideration any response received from the Heritage Council within 28 days after the notice is sent.
- (8) **Aboriginal places of heritage significance**
The consent authority must, before granting consent under this clause to the carrying out of development in an Aboriginal place of heritage significance:

- (a) consider the effect of the proposed development on the heritage significance of the place and any Aboriginal object known or reasonably likely to be located at the place by means of an adequate investigation and assessment (which may involve consideration of a heritage impact statement), and
 - (b) notify the local Aboriginal communities, in writing or in such other manner as may be appropriate, about the application and take into consideration any response received within 28 days after the notice is sent.
- (9) **Demolition of nominated State heritage items**
The consent authority must, before granting consent under this clause for the demolition of a nominated State heritage item:
- (a) notify the Heritage Council about the application, and
 - (b) take into consideration any response received from the Heritage Council within 28 days after the notice is sent.
- (10) **Conservation incentives**
The consent authority may grant consent to development for any purpose of a building that is a heritage item or of the land on which such a building is erected, or for any purpose on an Aboriginal place of heritage significance, even though development for that purpose would otherwise not be allowed by this Plan, if the consent authority is satisfied that:
- (a) the conservation of the heritage item or Aboriginal place of heritage significance is facilitated by the granting of consent, and
 - (b) the proposed development is in accordance with a heritage management document that has been approved by the consent authority, and
 - (c) the consent to the proposed development would require that all necessary conservation work identified in the heritage management document is carried out, and
 - (d) the proposed development would not adversely affect the heritage significance of the heritage item, including its setting, or the heritage significance of the Aboriginal place of heritage significance, and
 - (e) the proposed development would not have any significant adverse effect on the amenity of the surrounding area.

Attachment 4 Report to Council's Urban Planning Committee

Item No: R Recommendation to Council
Subject: STREET NAME INLAYS
Author: Amelia Parkins, Strategic Heritage Officer
File No: 448.G
Reason for Report: To report on the review of street name inlays and the appropriateness of adding footpath street names to the Woollahra Local Environmental Plan 2014 heritage schedule.

Recommendation:

- A. That a planning proposal be prepared to list the collection of 493 street name inlays identified in Annexure 1 of the report to the Urban Planning Committee, dated 23 February 2015, as an item of local heritage significance in the Woollahra Local Environmental Plan 2014.

Background

Council decision

Council made a decision on 29 November 2010:

1. *That the list of early street names in footpaths throughout the municipality that the Woollahra History and Heritage Society Inc prepared in 1988 be reviewed and updated with photographic records of each item.*
2. *That a report be prepared as to the appropriateness of adding these items to Woollahra Council's heritage register.*
3. *That the current standard condition and the implementation of the standard condition be reviewed.*

In response to this decision an investigation into street names was carried out as time allowed in the context of other projects and priorities in Council's Strategic Planning program. The investigation included identifying all existing street name inlays and a study of their condition, heritage significance and existing management strategies.

History of street name inlays

Some of Sydney's older suburbs have had their street names set into the concrete footpaths and kerbs, believed to be part of a civic beautification scheme of the 1930s. These works are thought to have been carried out using surplus labour following the Great Depression, creating the dual benefits of gainful employment and municipal improvements. As part of this civic beautification scheme, an extensive program of inlaying street names in footpaths, kerbs and gutters was undertaken throughout the Woollahra Municipality of the time which excluded Paddington². Over 600 were established.

² Paddington was originally part of the City of Sydney Local Government Area, within which a street name inlay program was not adopted.

Other suburbs where street name inlays can be found include the former Municipality of Petersham (now Petersham, Lewisham and Stanmore in Marrickville Municipal Council area), Chatswood (in Willoughby Council area), Burwood, Strathfield, Ashfield and Leichhardt Council areas.

Purpose of the study

In 1988 an investigation into the street name inlays throughout the Woollahra Municipality was carried out by the Woollahra History and Heritage Society. This resulted in the preparation of the document '*Signs Underfoot: Street name inlays in footpaths, kerbs and gutters of Old Woollahra*' which catalogued the number and location of the majority of inlays in the municipality in 1988. Council sought a review of the 1988 study and to identify if the street name inlays have heritage significance.

As identified through the heritage inventory sheet the street name inlays in the Woollahra municipality have historic and social significance, and contribute to the aesthetics and character of the areas in which they feature.

The study

In September and October 2014 comprehensive fieldwork was undertaken to prepare an inventory of all remaining street inlays in the Woollahra Municipality. This inventory identified how many street name inlays are remaining, potential threats facing them and their condition, including location, photographs and a brief condition description.

The first phase of the study was the identification and condition assessment of street inlays. This involved:

- Preparation of maps based on those documented in the 1988 study '*Signs Underfoot: Street name inlays in footpaths, kerbs and gutters of Old Woollahra*' prepared by the Woollahra History and Heritage Society;
- Fieldwork:
 - Locating existing street name inlays identified on the maps
 - Notating where inlays are missing
 - Photographing existing inlays.
- A comparison of the findings of the 1988 study with the 2014 fieldwork and identifying the types of changes that have occurred to the inlays over the last 25 years.
- Preparation of an inventory of street name inlays in 2014, including a photograph, location and brief condition description.

The second phase of the study was the identification of potential situations where the street inlays may be at risk of damage, who is responsible for managing changes to the inlays and what measures are in place to protect them. This phase involved:

- Meetings with different Council departments including:
 - Development Control
 - Engineering Services
 - Trees and Open Space
 - Capital Projects

- Building and Compliance
- Civil Operations.
- Review of the existing management strategies (including internal policies, procedures and standard DA conditions) relating to street name inlays;
- Identifying options to improve existing management strategies for the protection of street name inlays.

Study findings

The 2014 fieldwork revealed a variety of typologies of street name inlays. These include variations in the mortar mixes and resultant colour of the letters, and whether the inlays were mounted in the footpath, in the kerb or on the face of walls and gutters.

The 1988 investigation identified 615 examples of street name inlays. The 2014 fieldwork found a total of 493 street name inlays in a range of conditions. Some of the inlays identified in 1988 have since been removed and some additional inlays were identified in 2014 that were not picked up in the 1988 study.

The majority of the inlays identified were located in footpaths near intersections.

The table below describes the types of inlays discovered in the 2014 fieldwork:

Type	Number
Footpath	402
kerb	71
Gutter	15
Other	5

The fieldwork indicates that the majority of inlays remain in a good condition. Where the street name inlays remain insitu, some of them have been damaged by:

- Partial or entire covering with bitumen
- Complete or partial removal as part of footpath upgrade works, in some cases the inlay has been cut out, stored and reinstated
- Partial or complete replacement, or
- Deterioration, particularly in kerbs.

The fieldwork identified that the greatest threat to the existing street name inlays relates to footpath upgrade or repair works. Other areas of work that have the potential to impact the existing street name inlays include:

- Development works
 - Driveways and crossovers
 - Construction traffic and machinery
- Road openings
- Hoarding and scaffolding
- Landscaping
 - Street tree maintenance, replacement or removal

- Access for service companies, such as electricity companies.

Heritage listing

Part 2 of Council's resolution from 29 November 2010 required an investigation into the appropriateness of heritage listing the street name inlays. In NSW the procedure for assessing heritage values, heritage listing sites and managing heritage places is a well-established process guided by the *Australia ICOMOS Burra Charter*³ (Burra Charter) and the NSW Heritage Division.

The standard process for heritage listing involves three main phases, which formed the foundation for the study described in Part 1.4 of this report:

- Investigation- Carry out fieldwork to identify the item, context or study area and investigate the history and fabric of the item;
- Assessment- Make an assessment against the NSW heritage assessment criteria⁴ and determine an appropriate level of heritage listing (local or state). This forms the foundation of the inventory sheet.
- Management- Make recommendations for appropriate processes for the conservation and management of the item/s.

Woollahra Local Environmental Plan 2014

The heritage significance of the street name inlays has been investigated and assessed and is described in the inventory sheet. The collection of street name inlays provide evidence of a large scale civic beautification scheme that was adopted by many local councils during the 1930s. The introduction of the street name inlay scheme throughout Woollahra is an indicator of civic pride. The program has social and historical significance as it reflects the use of surplus labour following the Great Depression for civic beautification schemes.

The collection of street name inlays are of a consistent character that is aesthetically distinctive and recognisable throughout Woollahra and other local government areas in NSW. Although construction techniques vary, the colour, size and font used for the inlays demonstrates the consistent and recognisable style used by Councils that adopted a street name inlay scheme during the 1930s.

The result of the assessment was that the collection of street name inlays are of local heritage significance for their historical, social and aesthetic values. They provide a representative example of the use of Depression-era labour for municipal improvements and the large scale civic beautification programs that were carried out in the municipality during the 1930s and subsequently should be listed as items of local environmental heritage in the Woollahra LEP 2014.

Existing management strategies have been found to be insufficient in protecting the street name inlays. Over 100 inlays have been lost since the 1988 survey. Heritage listing the 493 street name inlays would help to address this by increasing awareness and recognition of the

³ The Burra Charter, 2013, The Australia ICOMOS Charter for Places of Cultural Significance

⁴ As described in the Heritage Office publication '*Assessing Heritage significance*'

inlays. It will also place a greater emphasis on the management and maintenance requirements for the street name inlays.

Heritage listing the street name inlays would provide greater protection but would not result in increased assessment or administrative processes. In particular, clause 5.10 (3) of the Woollahra LEP 2014 allows works to be carried out to a heritage item without consent where Council is satisfied that the works are of a minor nature or for the maintenance of the item and Council has notified the applicant of this in writing. In the case of street name inlays, a formal procedure could be prepared, by Council's Capital Works and Civil Operations teams, that describes how to manage works in the vicinity of an inlay. The formal procedure, if accepted by Council's heritage staff, would allow works to be carried out to footpaths without consent.

Management strategies

It is important to recognise that a statutory listing alone will not protect the inlays and should be supplemented by appropriate management strategies to ensure that the heritage significance of the street name inlays are conserved.

There is scope to improve existing management strategies relating to the street name inlays as set out below.

Immediate actions

The following measures will be introduced to provide greater control over the protection of street name inlays across different council departments:

- Mapping on Council's GIS system- An additional layer has been created to identify the locations of the remaining inlays. This will increase the awareness within Council of the existence of street name inlays throughout the municipality.
- Standard DA conditions- In response to part 3 of the Council's resolution from 29 November 2010, the existing standard conditions have been updated and a new condition that responds to the need to either temporarily or permanently remove and relocate a street name inlay has been drafted.
- Development assessment- A reference to the DCP controls for inlays will be added to the Development Application Report template used by Council's Assessment Officers.
- Compliance permits- A reference to the standard conditions will be included in the standard template used for hoarding and scaffolding permits.
- Council's Engineering Services staff will check the GIS system in the weekly Development Application Review Committee meeting and apply the relevant standard condition.

Opportunities for future investigation

The following areas have been identified as options for future investigation for the ongoing protection and maintenance of street name inlays:

- Capital works- The specification currently in use by the Capital Works team could be reviewed with the intention of adding a section relating to the maintenance and repair of street name inlays.

A comprehensive inventory of the existing street name inlays, including photographs, location and a brief condition description has been compiled to monitor the inlays and provide a benchmark for ongoing maintenance.

- Civil operations- A procedure and specification for any works to a footpath in the vicinity of a street name inlay could be prepared to guide future work and facilitate the appropriate protection of inlays.

Conclusion

A study of street name inlays and an inventory documenting the existing inlays within the municipality was finalised in October 2014. The street name inlays were assessed against the industry standard criteria and found to have historic and social significance for their construction in the 1930s as part of a civic beautification scheme that is thought to have taken advantage of surplus labour following the Great Depression. It would be appropriate to formally recognise this heritage significance through a local heritage listing.

In addition to heritage listing, future management strategies have been considered to limit damage to the inlays that is within Council's control. The heritage listing and resultant management processes outlined in this report will greatly increase awareness and recognition of the significance of street name inlays throughout the community and Council and provide them with greater protection.

Amelia Parkins
Strategic Heritage Officer

Jacquelyne Della Bosca
Acting Manager Strategic Planning

Attachment 5 Consistency with state environmental planning policies

State Environmental Planning Policy	Comment on consistency
SEPP No 1 - Development Standards	Applicable. Consistent. The planning proposal does not contain a provision which is contrary to the operation of this policy.
SEPP N0.14 - Coastal Wetlands	Not applicable
SEPP No 15 - Rural Landsharing Communities	Not applicable
SEPP No 19 - Bushland in Urban Areas	Applicable Consistent. The planning proposal does not contain a provision which is contrary to the operation of this policy.
SEPP No 21 - Caravan Parks	Applicable Consistent. The planning proposal does not contain a provision which is contrary to the operation of this policy.
SEPP No 26 - Littoral Rainforests	Not applicable
SEPP No 29 - Western Sydney Recreation Area	Not applicable
SEPP No 30 - Intensive Agriculture	Applicable Consistent. The planning proposal does not contain a provision which is contrary to the operation of this policy.
SEPP No 32.- Urban Consolidation (Redevelopment of Urban Land)	Applicable Consistent. The planning proposal does not contain a provision which is contrary to the operation of this policy.
SEPP No 33 - Hazardous and Offensive Development	Applicable Consistent. The planning proposal does not contain a provision which is contrary to the operation of this policy.
SEPP No 36 - Manufactured Home Estates	Not applicable
SEPP No 39 - Spit Island Bird Habitat	Not applicable
SEPP No 44 - Koala Habitat Protection	Not applicable
SEPP No 47 - Moore Park Showground	Not applicable.

State Environmental Planning Policy	Comment on consistency
SEPP No 50 - Canal Estate Development	Applicable Consistent. The planning proposal does not contain a provision which is contrary to the operation of this policy.
SEPP No 52 - Farm Dams and Other Works in Land and Water Management Plan Areas	Not applicable.
SEPP No 55 - Remediation of Land	Applicable Consistent. The planning proposal does not contain a provision which is contrary to the operation of this policy.
SEPP No 59 - Central Western Sydney Regional Open Space and Residential	Not applicable
SEPP No 62 - Sustainable Aquaculture	Not applicable
SEPP No 64 - Advertising and Signage	Applicable Consistent. The planning proposal does not contain a provision which is contrary to the operation of this policy.
SEPP No 65 - Design Quality of Residential Flat Development	Applicable Consistent. The planning proposal does not contain a provision which is contrary to the operation of this policy.
SEPP No 70 - Affordable Housing (Revised Schemes)	Applicable Consistent. The planning proposal does not contain a provision which is contrary to the operation of this policy.
SEPP No 71 - Coastal Protection	Not applicable
SEPP (Affordable Rental Housing) 2009	Applicable Consistent. The planning proposal does not contain a provision which is contrary to the operation of this policy.
SEPP (Building Sustainability Index: BASIX) 2004	Applicable Consistent. The planning proposal does not contain a provision which is contrary to the operation of this policy.

State Environmental Planning Policy	Comment on consistency
SEPP (Exempt and Complying Development Codes) 2008	Applicable Consistent. The planning proposal does not contain a provision which is contrary to the operation of this policy.
SEPP (Housing for Seniors or People with a Disability) 2004	Applicable Consistent. The planning proposal does not contain a provision which is contrary to the operation of this policy.
SEPP (Infrastructure) 2007	Applicable Consistent. The planning proposal does not contain a provision which is contrary to the operation of this policy.
SEPP (Kosciuszko National Park - Alpine Resorts) 2007	Not applicable
SEPP (Kurnell Peninsula) 1989	Not applicable
SEPP (Major Development) 2005	Applicable Consistent. The planning proposal does not contain a provision which is contrary to the operation of this policy.
SEPP (Mining, Petroleum Production and Extractive Industries) 2007	Applicable Consistent. The planning proposal does not contain a provision which is contrary to the operation of this policy.
SEPP (Miscellaneous Consent Provisions) 2007	Applicable Consistent. The planning proposal does not contain a provision which is contrary to the operation of this policy.
SEPP (Penrith Lakes Scheme) 1989	Not applicable
SEPP (Rural Lands) 2008	Not applicable
SEPP (Transitional Provisions) 2011	Not applicable
SEPP (State and Regional Development) 2011	Applicable Consistent. The planning proposal does not contain a provision which is contrary to the operation of this policy.

State Environmental Planning Policy	Comment on consistency
SEPP (Sydney Drinking Water Catchment) 2011	Applicable Consistent. The planning proposal does not contain a provision which is contrary to the operation of this policy.
SEPP (Sydney Region Growth Centres) 2006	Not applicable
SEPP (Three Ports) 2013	Not applicable
SEPP (Urban Renewal) 2010	Not applicable
SEPP (Western Sydney Employment Area) 2009	Not applicable
SEPP (Western Sydney Parklands) 2009	Not applicable

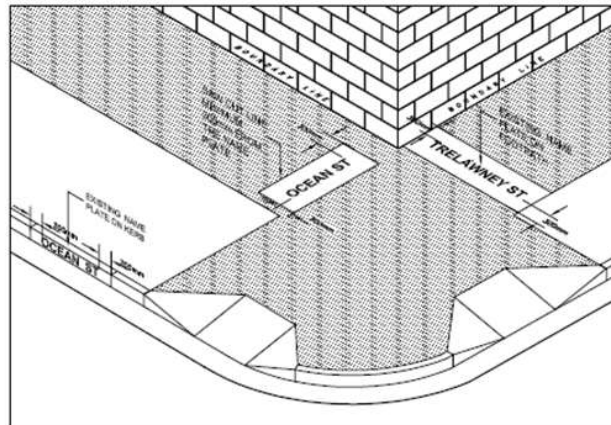
Sydney Regional Environmental Plans – now deemed State Environmental Planning Policies	Comment on consistency
SREP No 8 (Central Coast Plateau Areas)	Not applicable
SREP No 9 - Extractive Industry (No 2 - 1995)	Not applicable
SREP No 16 - Walsh Bay	Not applicable
SREP No18 - Public Transport Corridors	Not applicable
SREP No 19 - Rouse Hill Development Area	Not applicable
SREP No 20 - Hawkesbury- Nepean River (No 2 - 1997)	Not applicable
SREP No 24 - Homebush Bay Area	Not applicable
SREP No 26 - City West	Not applicable
SREP No 30 - Street Marys	Not applicable
SREP No 33 - Cooks Cove	Not applicable
SREP (Sydney Harbour Catchment) 2005	Applicable Consistent. The planning proposal does not contain a provision which is contrary to the operation of this policy.

Attachment 6 Compliance with section 117 directions


Compliance with section 117 directions		
Direction	Applicable/comment	
1	Employment and resources	
1.1	Direction 1.1 Business and industrial zones	Applicable. All of the street name inlays are located in footpaths or kerbs. Several inlays are located on paths which are within a business zone. The planning proposal will not alter the zone or reduce the floor space area for employment uses and related public services in the business zone.
1.2 - 1.5	Directions 1.2-1.5	Not applicable.
2	Environment and heritage	
2.1	Environment protection zones	Not applicable. The planning proposal does not apply to land within an environmental protection zone or land identified for environmental protection.
2.2	Coastal protection	Not applicable. The planning proposal does not apply to land within the coastal zone.
2.3	Heritage conservation	Applicable. The planning proposal aims to list the street sign inlays as local heritage items. This will involve amendments to Schedule 5 of Woollahra LEP 2014. The existing heritage provisions in Woollahra LEP 2014 will not be altered and will assist in the conservation of the proposed items.
2.4	Recreation vehicle areas	Applicable. The planning proposal will not allow land to be developed for a recreation vehicle area.
3	Housing, infrastructure and urban development	
3.1	Residential zones	Applicable. All of the street name inlays are located in footpaths or kerbs in roads. The majority of inlays are located on paths which form part of road reservations. These are zoned residential. The planning proposal will not reduce the provision of housing in the residential zone.
3.2	Caravan parks and manufactured home estates	Applicable. However, the planning proposal does not propose caravan parks or manufactured home estates.
3.3	Home occupations	Applicable. However, the planning proposal does not affect home occupations in dwelling houses.
3.4	Integrating land use and transport	Not applicable
3.5	Development near licensed aerodromes	Not applicable. The planning proposal does not apply to land near a licensed aerodrome.

Compliance with section 117 directions		
Direction		Applicable/comment
3.6	Shooting ranges	Not applicable. The planning proposal does not apply to land adjacent to or adjoining an existing shooting range.
4	Hazard and risk	
4.1	Acid sulfate soils	Applicable. Existing acid sulfate soils provisions will not be altered by the planning proposal.
4.2	Mine subsidence and unstable land	Not applicable. The planning proposal does not apply to land within a proclaimed Mine Subsidence District or to land identified as unstable.
4.3	Flood prone land	Not applicable. The planning proposal will not create, remove or alter a zone or provision that affects flood prone land..
4.4	Planning for bushfire protection	Not applicable. The planning proposal does not apply to land mapped as bushfire prone land.
5	Regional planning	
5.1 - 5.9	Strategies 5.1-5.9	Not applicable. These strategies do not apply to the Woollahra LGA.
6	Local plan making	
6.1	Approval and referral requirements	Applicable. The proposal does not include provisions that require development applications to be referred externally and is not related to designated development.
6.2	Reserving land for public purposes	Applicable. The planning proposal does not create, alter or reduce existing zonings or reservations of land for public purposes.
6.3	Site specific provisions	Not applicable. The planning proposal does allow a particular development to be carried out.
7	Metropolitan Planning	
7.1	Implementation of A Plan for Growing Sydney (Dec 2014)	Applicable. The planning proposal aims to recognise, protect and conserve a part of Woollahra's cultural heritage. The planning proposal is consistent with A Plan for Growing Sydney, in particular direction 3.4 of the Plan.

Attachment 7 Technical Services Specification for street name inlays



1. NAME PLATES TO BE LEFT INSITU WHERE POSSIBLE.
2. IF THE NAME PLATE IS SEPARATED FROM THE MAIN PATH STRUCTURE BY CONSTRUCTION/EXPANSION JOINTS, ISOLATE IT ALONG THE EXISTING JOINTS DURING THE DEMOLITION AND CONSTRUCTION WORKS.
3. IF STREET NAME PLATE IS EMBEDDED IN MAIN PATH STRUCTURE AS A SINGLE OBJECT, IT SHALL BE SAW CUT AND ISOLATED FROM THE ADJOINING STRUCTURES AND STORED AND PROTECTED FOR REUSE.
4. IF NAME PLATES REQUIRE REPOSITIONING DUE TO CHANGES IN LEVELS THEN THE FOLLOWING PROCEDURE SHALL BE FOLLOWED:
 - a) NAME PLATES ON THE FACE OF KERB/FOOTPATH SHALL BE SAW CUT AND REMOVED PRIOR TO THE DEMOLITION.
 - b). SAW CUT AROUND THE NAME PLATE MINIMUM 300mm FROM THE END OF NAME PLATE.
 - c) USE HAND EXCAVATION TO PROTECT NAME PLATES.
 - d) NAME PLATES SHALL BE STORED IN A SAFE PLACE DURING THE DEMOLITION WORKS.
 - e) NAME PLATES SHALL BE REINSTALLED IN THEIR ORIGINAL LOCATION IN THE NEW FOOTPATH/KERB & GUTTER ASSET IN ASSOCIATION WITH OTHER FOOTPATH/KERB AND GUTTER WORKS.
5. HANDLE WITH CARE TO AVOID DAMAGE.

Scale	AS SHOWN	Drawing No.	MS7	WOOLLAHRA MUNICIPAL COUNCIL STANDARD TREATMENT DETAILS OF STREET NAME PLATES IN CONSTRUCTION SITES	
Drawn	B.Sudarson	Datum	-		
Checked	G.Stewart	Date	AUG '05		

Woollahra Council Planning Proposal – Street sign inlays
21 December 2015



Annexure 2

Gateway Determination

Planning proposal (Department Ref: PP_2016_WOOLL_003_00): to amend the Woollahra Local Environmental Plan 2014 to heritage list street sign inlays.

I, the Director, Metropolitan (CBD) at the Department Planning and Environment, as delegate of the Greater Sydney Commission, have determined under section 56(2) of the *Environmental Planning and Assessment Act 1979* (EP&A Act) that an amendment to *Woollahra Local Environmental Plan 2014* to heritage list street sign inlays, should proceed subject to the following conditions:

1. Community consultation is required under sections 56(2)(c) and 57 of the EP&A Act as follows:
 - (a) the planning proposal is classified as routine as described in *A Guide to Preparing LEPs (Department of Planning & Infrastructure 2013)* and must be made publicly available for a minimum of **28 days**; and
 - (b) the relevant planning authority must comply with the notice requirements for public exhibition of planning proposals and the specifications for material that must be made publicly available along with planning proposals as identified in section 5.5.2 of *A Guide to Preparing LEPs (former Department of Planning & Infrastructure 2013)*.
2. Consultation is required under section 56(2)(d) of the EP&A Act with the:
 - Office of Environment and Heritage;
 - Roads and Maritime Services;
 - Sydney Water;
 - Telstra;
 - National Broadband Network Co Limited;
 - Optus;
 - Jemena, and
 - Ausgrid.

Agencies are to be provided with a copy of the planning proposal and any relevant supporting material, and given at least 21 days to comment on the proposal.

3. A public hearing is not required to be held into the matter by any person or body under section 56(2)(e) of the EP&A Act. This does not discharge Council from any obligation it may otherwise have to conduct a public hearing (for example, in response to a submission or if reclassifying land).

PP_2016_WOOLL_003_00



4. The timeframe for completing the LEP is to be **9 months** from the week following the date of the Gateway determination.

Dated *28th* day of *January* 2016.

[Signature]
**Director, Metropolitan (CBD)
Planning Services
Department Planning and Environment
Delegate of the Greater Sydney Commission**

PP_2016_WOOLL_003_00

Annexure 3



WOOLLAHRA HISTORY AND HERITAGE SOCIETY INC.
ABN 17 597 074 575

C/o Woollahra Library,
P.O. Box 61,
DOUBLE BAY NSW1360.

whhs 16005

26 March 2016

Mr Gary James
General Manager
Woollahra Municipal Council

Dear Mr James,

HERITAGE LISTING OF STREET NAME INLAYS

The Woollahra History and Heritage Society is extremely pleased to see that Council is proposing to list the Municipality's Street Name Inlays on Woollahra Local Environmental Plan 1994 (WLEP 1994). We have been hoping for this to be done almost since the day our Bruce Crosson carried out his survey in 1988.

The Society does have one immediate concern about the proposed listing. Bruce Crosson's listing has a total of 609 Inlays in the Municipality whereas the proposed heritage listing only totals 493. Whilst a number of inlays and the like will have been destroyed or irreparably damaged in the years since 1988, we find it extremely difficult to believe that nearly 20% have gone.

Whilst it might have been possible to physically compare the positions of the specific locations of the Inlays in the heritage listing and Bruce Crosson's survey this would have involved a considerable amount of time and effort which was not available before the closing date for submissions even if the manpower had been available. However, as an example at the junction of Courtenay Road and Ebsworth Road in Rose Bay there are two Courtenay Road Inlays (Bruce Crosson's 15 and 16) whereas the Council's listing only has one.

It would be a pity to exclude from the heritage listing any Inlays that still exist but are not actually on the Council's list. A clause that allowed for future additions which are found from a comparison of the two surveys might be worth considering.

There is one specific error we note. The inlay for Iluka Street is listed under Bellevue Hill whereas it should be listed under Rose Bay it being next to Manion Avenue.

Yours sincerely,

A handwritten signature in black ink that reads 'Peter Poland'.

Peter Poland OAM
President



nbn-Confidential: Commercial

31 March 2016

The General Manager,
Woollahra Council
PO Box 61,
Double Bay, NSW 1360

Via email only: to records@woollahra.nsw.gov.au

Dear Sir,

Street Inlays planning proposal submission (Reference SC3300 Plan Prop)

Thank you for inviting **nbn** to comment on the Council's planning proposal in relation to street inlays, and for extending the response timeframe to 31 March 2016.

The proposal, as outlined in "Planning Proposal: local heritage listing street sign inlays" (17 February 2016), notes that there are 493 street name inlays within the Woollahra Municipality for which the intent is to provide on-going heritage protection and recognition of heritage significance.

nbn's main objective is to deliver on the Australian Government's commitment to ensure all Australians (including residents of Woollahra) have access to very fast broadband, at affordable prices, and at least cost to taxpayers. To achieve this, **nbn** typically relies on its carrier powers under Schedule 3 of the *Telecommunications Act 1997* (Cth) (Telco Act), which allow it to carry out survey, installation and maintenance activities, with the benefit of certain exemptions from the requirement to obtain development approvals in some circumstances.

As you may be aware, **nbn** is unable to exercise its carrier powers to install telecommunications facilities in areas that are deemed to be "Areas of Environmental Significance" (AoES) by the *Telecommunications (Low-impact Facilities) Determination 1997* (LIFD). The definition of an AoES in the LIFD relevantly provides that:

"an area is an area of environmental significance if, under a law of the Commonwealth, a State or a Territory, it consists of a place, building or thing that is entered in a register relating to heritage conservation."

Since the Council's proposal may result in the 493 street inlays – and possibly the surrounding areas – being deemed to be an AoES, the proposal may render **nbn** unable to exercise its carrier installation powers to install equipment including underground cables and pits in those areas, which it expects to have to do in the years ahead. In that scenario, **nbn** may need to:

- a) seek an exemption to the requirement for a Development Application under clause 5.10(3) of the *Woollahra Local Environmental Plan 2014*; or
- b) lodge a Development Application for **nbn's** proposed works in the vicinity of the listed street inlays; or
- c) consider alternatives such as deploying aerial cabling, rather than underground cabling, where possible.

Level 11, 100 Arthur Street, North Sydney NSW 2060
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nbn-Confidential: Commercial



In these instances, the listing of the street inlays as heritage items is likely to increase nbn's design and planning application costs and delay the construction of nbn's works proposed within the vicinity of the listed street inlays, to the detriment of residents within the Woollahra Local Government Area (LGA).

nbn expects to shortly commence design work, and respectfully requests that the Council considers deferring its proposal at least until nbn has completed the rollout of the nbn™ network within the LGA, or includes exemptions within the proposed controls for nbn activities.

We appreciate the opportunity to provide feedback and would be happy to discuss this in more detail with relevant Council staff. Please don't hesitate to contact Nick Hearfield on 8918-9638 or nickhearfield@nbnco.com.au if you have any questions or require additional information.

Yours sincerely,

A handwritten signature in blue ink, appearing to read 'Justin O'Meara', written over a light blue horizontal line.

Justin O'Meara

A/General Manager

Engagement Planning & Stakeholder Management



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Parramatta NSW 2150

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File: SF16/11764
Job ID No: DOC16/103475

General Manager
Woollahra Council
PO Box 61
Double Bay NSW 1360
Attn: Chris Bluett

Dear General Manager

RE: Planning Proposal to heritage list 493 street inlays within the Woollahra Municipality as heritage items (SC3300 Plan Prop)

Thank you for your letter dated 23 February 2016 to the Heritage Division, Office of Environment & Heritage (OEH) requesting comments on the abovementioned planning proposal. The proposal seeks to amend the Woollahra Local Environmental Plan 2014 to list 493 street inlays within the Woollahra Municipality as heritage items. As the delegate of the Heritage Council of NSW, I provide the following comments:

Heritage listings provide statutory protection to assist with conservation and management of items of heritage significance. The Heritage Council of NSW supports the listing of items of local heritage significance where they are supported by a robust heritage assessment. The assessment of significance submitted with the planning proposal states that the street inlays located throughout the Municipality have:

historic and social significance for their construction in the 1930s as part of a civic beautification scheme that is thought to have taken advantage of surplus labour following the Great Depression.

The proposal demonstrates that the street inlays meet the significance criteria for local heritage listing. The Heritage Council of NSW therefore supports the inclusion of 493 street inlays within the Municipality as heritage items in Schedule 5 of the Woollahra Local Environmental Plan 2014.

If you wish to discuss the matter further, please contact Vibha Bhattarai Upadhyay, Heritage Assessment Officer, on (02) 9873 8587 or via email to vibha.upadhyay@environment.nsw.gov.au.

Yours sincerely



A handwritten signature in black ink, appearing to read "Rajeev Maini".

Rajeev Maini
Acting Manager Conservation
Heritage Division, Office of Environment & Heritage
As Delegate of the NSW Heritage Council
4 April 2016

[Helping the community conserve our heritage](#)

Annexure 4

► Street name inlays 2014

Photograph	Type and Location	1988 Survey	2014 Survey	Notes
	Footpath inlay. Courtenay Road near the corner of Ebsworth Road, Rose Bay. Map D – Rose Bay North	Identified as no. 16	Identified as no. 16	
	Footpath inlay. Courtenay Road near the corner of Fernleigh Avenue, Rose Bay. Map D – Rose Bay North	Identified as no. 17	Identified as no. 17	
N/A	Courtenay Road	Identified as no. 18	Unidentified	

TRIM: 16/72062 - DRAFT October 2014

► 13

► Street name inlays 2014

Photograph	Type and Location	1988 Survey	2014 Survey	Notes
N/A	Map D – Rose Bay North Dover Road Map D – Rose Bay North	Identified as no. 31	Unidentified	
	Footpath inlay. Dover Road, Rose Bay. Map D – Rose Bay North	Identified as no. 32	Identified as no. 32	



DRAFT October 2014

► 14

► Street name inlays 2014

Photograph	Type and Location	1988 Survey	2014 Survey	Notes
	<p>Footpath inlay.</p> <p>Dover Road near the corner of Old South Head Road, Rose Bay.</p> <p>Map D – Rose Bay North</p>	Identified as no. 35	Identified as no. 35	
	<p>Footpath inlay.</p> <p>Dover Road near Dover Lane, Rose Bay.</p> <p>Map D – Rose Bay North</p>	Identified as no.34	Identified as no.34	

► Street name inlays 2014

Photograph	Type and Location	1988 Survey	2014 Survey	Notes
	Footpath Inlay Dover Road near Short Lane, Rose Bay. Map D – Rose Bay North	Unidentified	Identified	
	Footpath Inlay Dover Road near Spencer Lane, Rose Bay. Map D – Rose Bay North	Identified as no. 33	Identified as no. 33	

DRAFT October 2014

► 16



Annexure 5


WRITTEN AUTHORISATION TO EXERCISE DELEGATION

Woollahra Council is authorised to exercise the functions of the Greater Sydney Commission under section 59 of the Environmental Planning and Assessment Act 1979 that are delegated to it by instrument of delegation dated 14 October 2012, in relation to the following planning proposal:

Number	Name
PP_2016_WOOLL_003_00	Planning proposal to heritage list street sign inlays.

In exercising the Greater Sydney Commission's functions under section 59, the Council must comply with the Department's "A guide to preparing local environmental plans" and "A guide to preparing planning proposals".

Dated 28th January 2016


Director, Metropolitan (CBD)
Planning Services
Department of Planning and Environment
Delegate of the Greater Sydney Commission

Item No: R2 Recommendation to Council
Subject: **DOUBLE BAY PUBLIC DOMAIN LIGHTING STRATEGY - IMPLEMENTATION (SC3008)**
Author: Peter Kauter, Manager Placemaking
Approver: Allan Coker, Director - Planning & Development
File No: 16/84214
Reason for Report: Response to Council's resolution 27/06/2016

Recommendation:

- A. That the Council note the report to the Urban Planning Committee meeting held on 11/07/2016 on the implementation of the Double Bay Public Domain Lighting Strategy
- B. That the Council commence implementation of the Double Bay Public Domain Lighting Strategy using the existing capital works budget allocation
- C. That the following Double Bay lighting projects be prioritised and, where it is practicable, be carried out concurrently:
 - a) Knox Street upgrade
 - b) Steyne Park/Bay St North
 - c) Public gateway lighting
 - d) Private gateway lighting
 - e) Kiaora Lane analysis
 - f) Marathon Rd & footpath
 - g) Statue lighting
- D. That the options and cost for the procurement of design solutions and installation of lanterns and catenary lighting be the subject of a further report to the Urban Planning Committee

1. Background:

A report to adopt the Double Bay Public Domain Lighting Strategy (the Lighting Strategy) was considered by the Urban Planning Committee on 14/06/2016, see **Annexure 1**. On 27/06/2016 the Council resolved:

- A. *Council adopt the Double Bay Public Domain Lighting Strategy, June 2016, prepared by ARUP and as contained in the annexure to the Urban Planning Committee report dated 14 June 2016.*
- B. *Council request staff to prioritise the implementation of the Knox Street, Double Bay Upgrade and the Bay Street, Double Bay lantern design and provide a report on the progress of both of these items to the 11 July 2016 Urban Planning Committee Meeting.*
- C. *Council request staff to prepare a further report to the 11 July 2016 Urban Planning Committee Meeting outlining an implementation plan for the strategy, including:-*
 - a) *The costs of works for each action and the implementation cost for the strategy as a whole.*
 - b) *Estimated timeframes for the completion of each action.*
 - c) *An overall projected timeline for the full implementation of the strategy.*
 - d) *Overall expenditure spent to date (including consultants costs)*

This report responds to both items B and C of the above decision.

Now that the Strategy has been formally adopted by Council, lighting in the Double Bay commercial centre should move from a planning/strategic phase to an implementation phase. The Strategy sets the parameters for an ambient/atmospheric, innovative, functional and sustainable lighting scheme, consistent with our objectives for the commercial centre, to be rolled out in a co-ordinated and consistent manner. Having a properly developed and robust strategy provides a sound basis for us to now move to implementation.

As recognised by Council in December of 2014 when it approved a supplementary capital works program, a lighting scheme for the Double Bay commercial centre was a priority. Accordingly it appropriated \$50,000 towards a consultant's report, i.e. the strategy. At that time the Council also recognised that the outcome will form the Technical Services basis of a larger project which will be considered for funding in 2015/2016. Again, the Council allocated \$450,000 for this larger project, i.e. implementation.

Having a Strategy does not commit the Council to any level of expenditure. The Council, as a responsible public organisation, has many positive plans for the future most of which will involve various levels of capital expenditure. Examples are Plans of Management for our parks and masterplans. These types of plans include projects that are not fully funded at the time they are adopted. The implementation of projects essentially occurs over what is usually an undefined period of time. The allocation of funds towards them can depend on a balancing of numerous factors, e.g. need, priority, availability of funds, community benefit, etc. A recent example is the Council's allocation of funds to expedite works under the Queen Street Masterplan based on a prioritisation of projects. That allocation will not cover all works under the Queen Street Masterplan (based on the estimates provided). The Masterplan will, however, remain relevant and it is likely that the Council will, at some time in the future, again look at allocating additional funds for other projects under that Masterplan.

It is at the Council's absolute discretion as to how it now proceeds to implement the Lighting Strategy. This report is intended to provide clarity on how projects under the Strategy can now be delivered.

2. Knox Street upgrade and Bay Street lantern design (part B of Council's resolution):

The **Knox Street upgrade** is part 9.1 of the Lighting Strategy which provides:

Knox Street is one of the main vistas and axis into the heart of Double Bay. This street's activation is essential for success and should consider multiple strategies to create a layered and stylish approach.

- *Up lighting to trees and central islands*
- *Review Double Bay lamp post design*
- *Vertical lighting to notable buildings*

Part 9.1 additionally depicts 'bud' lighting to trees along Knox Street. Vertical lighting is shown along the 1st floor façade of the Cosmopolitan Centre Building, i.e. the carparking level.

ARUP have provided a scope and fee for design, documentation and commissioning for the Knox Street upgrade, *Double Bay Lighting – Knox Street upgrade, Specialist Lighting fee proposal*, see **Confidential Annexure 2**. They have also provided a spread sheet of cost estimates for materials and installation, see *Double Bay – Lighting Project Budget Cost Guide, Confidential Annexure 3* (the Knox Street upgrade is included in item 01). They have also provided a cost and timeline schedule, *Double Bay Lighting – Costing and timeline schedule*, see **Confidential Annexure 4**.

[NOTE: These and other documents have been circulated as confidential as we are yet to embark on procurement processes for the delivery of these projects. ARUP have not been contracted in respect of these services but may wish to have the opportunity to participate in future competitive procurement/tendering for them. To make this information publicly available may jeopardise such future processes.]

The **Bay Street, lantern design** forms parts 8.1 and 9.3 of the Lighting Strategy which includes:

Part 8.1 *To provide a distinctive, stylish and cohesive way finding and links with transport hubs, the lanterns should be extended to connect the Ferry and Double Bay centre.*

..... *In Double Bay spherical lanterns line the main streets creating an effective throughline, a rhythm of illumination. Here, it is suggested that a refreshingly new take on lantern forms are explored to create a new emblem for the centre.*

Refurbishing or replacing the existing lanterns will enhance the lighting functionality, quality and aesthetics. This is approached with an understanding of the existing asset ownership. Currently the lanterns and poles are owned by different organisations therefore an appraisal of this ownership structure should be completed prior to this work being carried out.

Part 9.3 Pilot projects

The lanterns in Double Bay should act as a new emblem for the centre. The new design will create a strong sense of place that reflects the creativity and artistic characteristics of the site.

The work flow for the design for the lanterns should be:

Stage 1 Development

Prepare a detailed brief to address the asset ownership, functionality, materiality and aesthetic attributes for the new lantern, amongst other relevant matters

Stage 2

Council sign off.

Stage 3

Procurement of lanterns

Stage 4

Installation of lanterns

These are effectively two (2) projects:

- development of the lantern design
- the continuation of lanterns along Bay Street to the Ferry Wharf.

ARUP provided a scope and fee for design, documentation and commissioning for the lantern design, *Double Bay Lighting – Lantern Design, Specialist Lighting fee proposal*, see **Confidential Annexure 5. Confidential Annexure 3** contains cost information for the lantern design and the extension of lanterns along Bay Street in parts 02 and 04.

In terms of progress on both of these projects, i.e. the Knox Street upgrade and the Bay Street lantern design, our Placemaking and Capital Projects Managers have been liaising throughout the development of the Lighting Strategy – up until now it has been largely a Placemaking led project. Now that the Strategy has been formally adopted we can start procurement process in accordance with our relevant policies and Local Government Act provisions. Our contract with ARUP was for the development of the Strategy only. However they have also provided a guide/estimate of costs and timeframes to assist with the preparation of an implementation plan.

For reasons outlined in **Confidential Annexure 6**, it is suggested that there may be benefit in holding off on the lantern related projects for now in favour of easier, quicker, cheaper results. There is a substantial amount of design work associated with the lanterns that will require sign off before any on-the-ground work can be commence. There is a broad range of possible solutions for the lantern design that will impact on the overall cost. As there are approximately 140 existing lanterns throughout the commercial centre the unit costs become more critical. Options range from an “off the shelf” design to replace the existing luminaires at a cost as low as \$500 per luminaire to a new bespoke design costing up to \$7,500 per unit. Therefore, an expressions of interest type of approach for lantern design and procurement would have merit. This would allow us to prepare a specific brief that would allow us to consider the full range of options and costs before deciding on a solution. If there was agreement on this approach it would not mean that the section of Bay Street toward the wharf would be neglected. There are other projects that could be expedited, including bud lighting of trees along Bay Street and highlighting of the Harbour gateway.

Catenary lighting in Knox Street is another longer term and more expensive project that could be put on hold for now. Again designs will need to be worked through and there are structural/support issues. There are other easier, quicker, cheaper projects relating to Knox Street which will enhance the after dark attributes of this precinct.

3. Implementation plan (part C of Council’s resolution):

The implementation of the Lighting Strategy will be subject to the availability of funds and resources. Presently there is \$450,000 in our capital works budget towards lighting in Double Bay.

The Council resolution identifies the Knox Street upgrade and the Bay Street Double Bay lantern design as priorities. Indications are that we are presently in a position to deliver these projects. Given the likely overall cost of implementing all of the Strategy and the level of allocated funding, it is intended to implement projects individually although it should be possible to have some projects running concurrently. However staging implementation will be inevitable.

The implementation plan for individual projects will include the steps outlined in the following table.

LIGHTING STRATEGY – STEPS FOR IMPLEMENTING PROJECTS	
Step	Description
1	Identify projects that can be delivered within available funding focusing on those that will create immediate, public, positive impressions on people using the commercial centre.
2	Ensure there is sufficient funding in the lighting budget allocation to cover the estimated cost of the identified project.
3	Procure design documentation based on our procurement procedures. This will, in most cases, involve a competitive process and may involve formal tendering.
4	Review and sign-off by Council on critical design milestones, e.g. lantern design.
5	Procure installation, labour and materials based on our procurement procedures (there may be opportunities for procurement items 3 and 5 to occur simultaneously depending on design milestones).
6	Commissioning of lighting installation.

Item C of Council’s resolution requires the following specific information to be provided:

- a) **The costs of works for each action and the implementation cost for the strategy as a whole**
Refer to **Confidential Annexure 6**
- b) **Estimated timeframes for the completion of each action.**
Refer to **Confidential Annexure 6**
- c) **An overall projected timeline for the full implementation of the strategy.**
Refer to **Confidential Annexure 6**
- d) **Overall expenditure spent to date (including consultants costs)**
Overall expenditure to date is \$46,960 which represent payments to ARUP, the consultants engaged by Council to develop the Lighting Strategy.

4. Identification of Income & Expenditure:

Implementation of the Lighting Strategy will not generate monetary income for the Council. However, implementation of the lighting scheme will enhance the amenity and quality of the commercial centre and contribute to its economic success.

As discussed earlier, there is an allocation of \$450,000 in the capital works budget for Double Bay lighting. This is the extent of the Council’s financial commitment to implement the Lighting Strategy to date. Based on available estimates the budget allocation will not cover the full cost of implementing all of the projects identified in the Strategy. However, based on the estimates provided by ARUP, there is funding available to cover the priority projects recommended for implementation in recommendation C of this report.

Allocation of future funding for implementation of the Lighting Strategy is entirely at the Council’s discretion. In formulating future budgets decisions will need to be made on the priority to be given to other projects and activities that also need to be financed.

5. Conclusion:

The Council, having adopted the Double Bay Lighting Strategy, now has a strategic framework for future decision making on lighting solutions for the commercial centre. It will enable our objectives for public lighting to be realised over time and as resources permit in a co-ordinated and consistent manner.

Consistent with other strategies, masterplans and the like the lighting strategy does not commit the Council to future funding. Rather it allows for funding decisions on lighting to be made in the context of other budget demands. Indications are that the funding already allocated for lighting in Double Bay will not cover the full cost of implementing the strategy. However it will enable a program of projects to be delivered in a timely manner that will create a positive, public impression of Double Bay after dark.

In response to the Council's earlier recommendation ARUP have provided some guidance as to costs and timeframes that can be used to inform the implementation phase.

There are a number of projects identified in the Strategy that can now be delivered within the current budget allocation. It is recommended that these projects be selected to deliver quick, easy and economical outcomes for the commercial centre.

Annexures

1. Urban Planning Committee Report Double Bay Public Domain Lighting Strategy (SC3008) 14 June 2016
2. Double Bay Lighting - Knox Street upgrade, Specialist Lighting fee proposal - **Confidential**
3. Double Bay - Lighting Project Budget Cost Guide - **Confidential**
4. Double Bay Lighting - Costing and timeline schedule - **Confidential**
5. Double Bay Lighting - Lantern Design, Specialist Lighting fee proposal - **Confidential**
6. Confidential Memorandum 6th July 2016 - **Confidential**

Item No: R1 Recommendation to Council
Subject: **DOUBLE BAY PUBLIC DOMAIN LIGHTING STRATEGY (SC3008)**
Author: Peter Kauter, Manager Placemaking
Approver: Chris Bluett, Manager - Strategic Planning
File No: 16/69219
Reason for Report: Adoption of the Double Bay Public Domain Lighting Strategy

Recommendation:

That Council adopt the Double Bay Public Domain Lighting Strategy, June 2016, prepared by ARUP and as contained in the annexure to the Urban Planning Committee report dated 14 June 2016.

1. Background

The Double Bay Place Plan 2014 was adopted by Council on 15/12/2014. Strategies, priorities and actions under Theme 3: Planning and Centre Beautification, include:

Strategy 3.5 - Enhance the naturally beautiful environment of Double Bay including its streets, buildings and parks. Make it Sydney's stylish bayside village.

Priority 3.5.4 - Create a distinctive and elegant after dark ambience in the public domain of Double Bay.

Action - Commission an expert lighting consultant to prepare a comprehensive and distinctive lighting scheme for Double Bay.

On 15/12/2014 Council also adopted a Double Bay Supplementary Capital Works Program which relevantly included:

DOUBLE BAY SUPPLEMENTARY CAPITAL WORKS PROGRAM (Council Resolution 15/12/14)					
Item number	Project	Description	\$ allocated	Responsibility	Current position
11	Consultancy for lighting scheme	The Double Bay Working Party identified that a lighting scheme for Double Bay had the capacity to create a distinctive night time ambience which will make Double Bay a more attractive place at night. The project is to develop a lighting scheme for the Double Bay commercial area. The outcome of the consultant report will form the Technical Services basis of a larger project which will be considered for funding in 2015/16.	50,000	Technical Services	

On 29/04/2015 we facilitated a Visioning Lighting Workshop in Double Bay (NightSeeing Workshop) that was conducted by Leni Schwendinger, a US lighting expert with international expertise in illumination of architectural and public spaces. The workshop was arranged as part of our participation in the Future Cities Collaborative program conducted through the US Studies Centre, University of Sydney. It was attended by the Mayor, a number of Woollahra Councillors, business representatives and staff from Woollahra and Waverley Councils. The workshop included a night time walk around Double Bay and lighting exercises. The workshop focused on the aesthetic possibilities of creative lighting solutions and was highly geared towards Double Bay.

Following the NightSeeing Workshop we prepared a lighting brief and in July 2015 engaged ARUP to prepare the Double Bay Public Domain Lighting Strategy. The key aim of the strategy is to develop a coordinated approach to lighting Double Bay's public domain that contributes to a safe, active and sustainable outcome and reinforces a sense of place by encouraging creative and artistic expression.

ARUP, with Leni Schwendinger, did a presentation on the progress of the Strategy to the Double Bay Working Party on 10/09/2015. ARUP have since done a series of presentations of their draft versions of the Strategy, the latest being on 19/05/2016 taking on board feedback from the Working Party.

2. The Draft Double Bay Public Domain Lighting Strategy

The Draft Double Bay Public Domain Lighting Strategy is **Annexure 1** of this report. It is a high level strategy that will underpin future lighting programs and installations in Double Bay. It makes recommendations for how future lighting projects are to be developed and delivered to create a cohesive night-time experience within the Double Bay precinct. The following is a summary of the Strategy's contents.

Part 1, Introduction and **Part 2, Executive Summary** provides an overview of the strategy.

Part 3, Key understanding identifies and outlines background knowledge and existing conditions of Double Bay. These are used to inform the Strategy's key objectives.

Part 4, Key objectives outlines the desires and goals for Double Bay and draws on outcomes from the NightSeeing workshop. The key objectives relate to **gateways** (from land and water), the area's **natural beauty, connectivity** within the centre, **street activation** (footpath dining and vibrant displays) and creating a distinctive and elegant after dark **ambience**.

Part 5, Lighting vision as elucidated by Leni Schwendinger is:

Stylish is the very centre, defined by the lanterns. Refreshing is a layer of soft light – something like a breeze. Intimate is strolling with a friend from the walkways into the centre

This part includes six (6) design principles related to gateways, lanterns, lighting of buildings, lighting of trees, creating nodes along axis streets and precinct scene setting.

Part 6, Functional overlay includes two (2) parts: part 6.1 *Hierarchy of roads and streets* - this provides guidance regarding compliance with relevant design codes and the hierarchy which defines the ambient brightness of individual streets and how they relate to one another; and, part 6.2 *Hierarchy of public spaces* – which will be reinforced by the use of light after dark. The routes and spaces are categorised as primary, secondary and tertiary.

Part 7, *Creative overlay strategy* provides guidance for the illumination or modification of night-time assets. It identifies four (4) key element categories, **gateways, trees and furniture, sculpture and art** and **axis and vistas**.

Part 8, *Creative overlay plan* proposes different lighting strategies, techniques and styles to highlight the key elements, creating a holistic night-time experience. The plan looks at five (5) specific aspects of lighting: part 8.1 *lanterns*, part 8.2 *catenary lighting*, part 8.3 *vertical illumination*, 8.4 *furniture and trees* and part 8.5 *public art*.

Part 9, *Urban projects* identifies locations that should take priority for permanent lighting solutions. Reasons for their selection include safety, improving foot fall and providing a new night-time public amenity. It includes solutions relating to:

- Part 9.1 Knox Street
- Part 9.2 Short Street
- Part 9.3 lantern design
- Part 9.4 Steyne Park
- Part 9.5 Marathon Road
- Part 9.6 Kiaora Lane
- Part 9.7 post-top lanterns
- Part 9.8 catenary lighting

[Prioritisation of projects is discussed in part 4.2 of this report]

Part 10, *Suite of luminaires* contains details of a range of light sources and fittings.

Part 11, *Lighting and controls* is about options for controlling outdoor lighting in the urban environment. This draws from ‘**Shades of Night**’ – *light will follow the activities of city districts at night from safety to celebration with application of smart lighting and community input*. The output of programmed control systems designed with community involvement include:

- expanded public space activity
- more “eyes on the street”
- natural surveillance by tenants
- pride of night-time place
- more physical exercise
- expanded opportunities for social interaction
- energy savings

Part 12, *Precinct scene setting* considers usage patterns during the course of the night and how lighting can complement changing activities and people movement.

Part 13, *Technical guidance* contains information on established lighting standards for outdoors generally, lighting for roads and public spaces specifically and controlling the obtrusive effects of outdoor lighting.

3. The proposed Double Bay Public Domain Strategy

A Public Domain Strategy for Double Bay is currently being prepared for Council by Aspect Studios. There are close links between the Lighting Strategy and the Public Domain Strategy. ARUP and Aspect Studios have been in direct consultation to ensure there is a synergy and consistency between the two (2) strategies. A report on adopting the Public Domain Strategy is likely to be ready for consideration by Council in mid July.

4. Consultation

4.1 Stakeholder/community consultation

Consultation for the Draft Strategy has to date involved the NightSeeing Workshop in April 2015 and the series of presentations to the Double Bay Working Party by ARUP. Community engagement on a range of Double Bay projects, including the Draft Lighting Strategy, was the subject of a report considered by the Urban Planning Committee on 26/04/2016. While this report mainly concerned community engagement for another Double Bay project, i.e. the HillPDA Economic Feasibility Study, it also canvassed the prospect of the lighting and public domain strategies being considered as a suite of Double Bay projects. Part B of the recommendation of that report was as follows:

- B. *THAT council determine whether or not it wants the Double Bay Lighting Strategy and the Double Bay Public Domain Strategy to form part of the community engagement strategy.*

The report canvassed the option of the lighting and public domain strategies being dealt with separately in the following terms:

However, if Council wants to proceed with either the lighting and/or the public domain strategies these could be dealt with separately. Both of these high level strategies will be reported to the Urban Planning Committee. If Council is happy with the strategies they could be adopted without consultation on the basis that they have been developed through the Double Bay Working Party and the implementation of various elements may be the subject of consultation in accordance with Council's standard practice for capital works projects. The potential advantage of this approach is that the community consultation will then focus on the review of the Double Bay planning controls and that Council will be able to proceed with a prioritised implementation of the lighting and public domain strategies without delay. The disadvantage will be that the community will not get the opportunity to provide feedback on the high level design strategies.

The council resolution was silent on whether the lighting strategy should form part of the community engagement strategy. However, the general feeling at the Urban Planning Committee meeting was that the lighting strategy should not be held up and therefore should not form part of the Economic Feasibility Study's community engagement strategy. In the circumstances it is considered that further community consultation on Double Bay lighting should occur as part of the future capital works projects as alluded to in the earlier report.

4.2 Project priority consultation

At the Double Bay Working Party meeting held on 19/04/2016 ARUP's representative did a demonstration of tree 'bud' light options following which there was discussion on prioritising projects under the draft lighting strategy. It was agreed that Working Party members be polled by e-mail as to their views on prioritisation. Working Party members were e-mailed on 26/04/2016 and asked to indicate their priorities by 07/05/2016. Three (3) responses were received. The following table lists the projects and the priorities based on the polling responses.

WORKING PARTY MEMBER'S – PROJECT PRIORITIES			
Project	Priority		
Knox Street Upgrade (Tree lighting and Cosmo building)	1	2	5
Lantern Design	-	-	9
Steyne Park / Bay Street North (tree lighting, furniture and hut)	-	1	2
Public Gateway Lighting (trees and ferry wharf)	3	4	1
Private Gateway Lighting (Cooper's Building and Clock Tower)	-	6	8
Statue Lighting	-	9	6
Kiaora Lane analysis	2	7	10
Marathon Rd and footpath	-	8	7
Knox Street Catenary Lighting	-	5	4
Bay Street (Continue Lanterns)	-	3	3

Based on these responses priorities would be as follows (for the purpose of this exercise a priority of 5 was applied where no priority was indicated):

1. Knox Street upgrade (tree lighting and Cosmo building); Steyne Park/Bay Street north (tree lighting, furniture and hut); and, Public Gateway Lighting (trees and ferry wharf)
2. Bay Street (continue lanterns)
3. Knox Street catenary lighting
4. Private Gateway lighting (Cooper's Building and Clock Tower); lantern design; and, Kiaora Lane analysis
5. Marathon Road and footpath
6. Statue lighting

Notwithstanding the relatively small sample size, this feedback can be used as we move to the implementation stage and the lighting program transitions from a strategic/placemaking phase to the capital works phase. Implementation will also be influenced by funding which is discussed in part 5 of this report. Out of necessity it may be that the lantern design priority needs to be elevated as our supply of the now unavailable Sylvanian sphere luminaires is almost exhausted.

5. Identification of income and expenditure

Implementation of the Lighting Strategy will involve capital expenditure but will not generate monetary income. The 2015/2016 budget contains an allocation of \$450,000 for Double Bay lighting. This amount will allow us to carry out some of the more straight forward projects quickly and to undertake the required detailed design work involved in other projects identified in the strategy.

ARUP has provided dedicated fee proposals for the detailed design work for the lanterns and the Knox Street upgrade. They have also provided design fee estimates for the other projects contained in the strategy. The cost of materials and installation will be obtained following Council adopting the strategy. The detailed design work, purchase of materials and installation will be subject to our procurement process.

The full implementation of the lighting strategy will be reliant upon future, additional capital works budgeting.

6. Conclusion

The Draft Double Bay Public Domain Lighting Strategy prepared by ARUP will enable a co-ordinated approach to lighting Double Bay's public domain in a manner that contributes to safe, active and sustainable outcomes and reinforces a sense of place by encouraging creative and artistic expression. It includes relevant capital improvement projects that upgrade existing lighting and identifies new opportunities for lighting infrastructure. It is therefore considered to satisfy the project brief.

It provides the way forward in creating a distinctive and elegant after dark ambiance, consistent with the relevant parts of the Double Bay Place Plan.

The level of consultation undertaken during the preparation of the strategy is considered to be appropriate for the purpose of allowing Council to make a decision to adopt it. There is an allocation in our capital works budget which will allow some of the lighting projects to be completed and for required design work for other projects to be undertaken.

It is therefore recommended that Council adopt the Draft Double Bay Public Domain Lighting Strategy.

Annexures

1. Double Bay Draft Lighting Strategy June 2016

Political Donations – matters to be considered by Councillors at Meetings

