



11kV FEASIBILITY STUDY

SYDNEY INTERNATIONAL CONVENTION EXHIBITION AND ENTERTAINMENT PRECINCT

This feasibility study has been conducted to allow for SICEEP representatives to undertake indicative cost analysis for the development proposal.

The following data was used to form the basis of the power supply investigation.

Attachment 1: Development proposal – Lend lease 21st Jan 2013

Attachment 2: Map of Proposed Substations & Application for connection

This feasibility study does not investigate the anticipated service relocations that will be required as part of the development.

Summary of development application

The study is based on three separate development areas, each with individual load and staging requirements, anticipated augmentation works to facilitate connection are based on these individual requirements.

Application 1: SICEEP PPP

Required load 13.4 MVA, across 4 distribution substations, with an anticipated operational date of 4th Quarter 2016.

Application 2: 'The Haymarket' PDA

Required load 9.5 MVA, across five distribution substations, with an anticipated operational date between 2017-20.

Application 3: 'ICC Hotels' PDA

Required load 4.8 MVA, across two distribution substations, with an anticipated operational date of 4th quarter 2016.

Application 1 SICEEP PPP

It is proposed that the four distribution substations associated with the SICEEP PPP development will be supplied via four existing 11kV feeders supplied from Darling Harbour 132/11 kV zone substation.

Due to the large size of the proposed substations, ranging from 3.0 to 3.6 MVA, minor feeder augmentation works will be required to consolidate existing capacity on the feeders.

Currently the feeders supplying the Darling Harbour area are capacity limited by a heavily congested egress from the Darling Harbour 132/11kV – 132/33kV substation. The close proximity of numerous 11/33 and 132kV cables may limit our ability to supply the required load on these existing 11kV feeders.

Prior to the completion of a detailed connection application a ratings investigation is required to determine the maximum capacity available from the 11kV network and identify if it is sufficient to meet the development requirements.

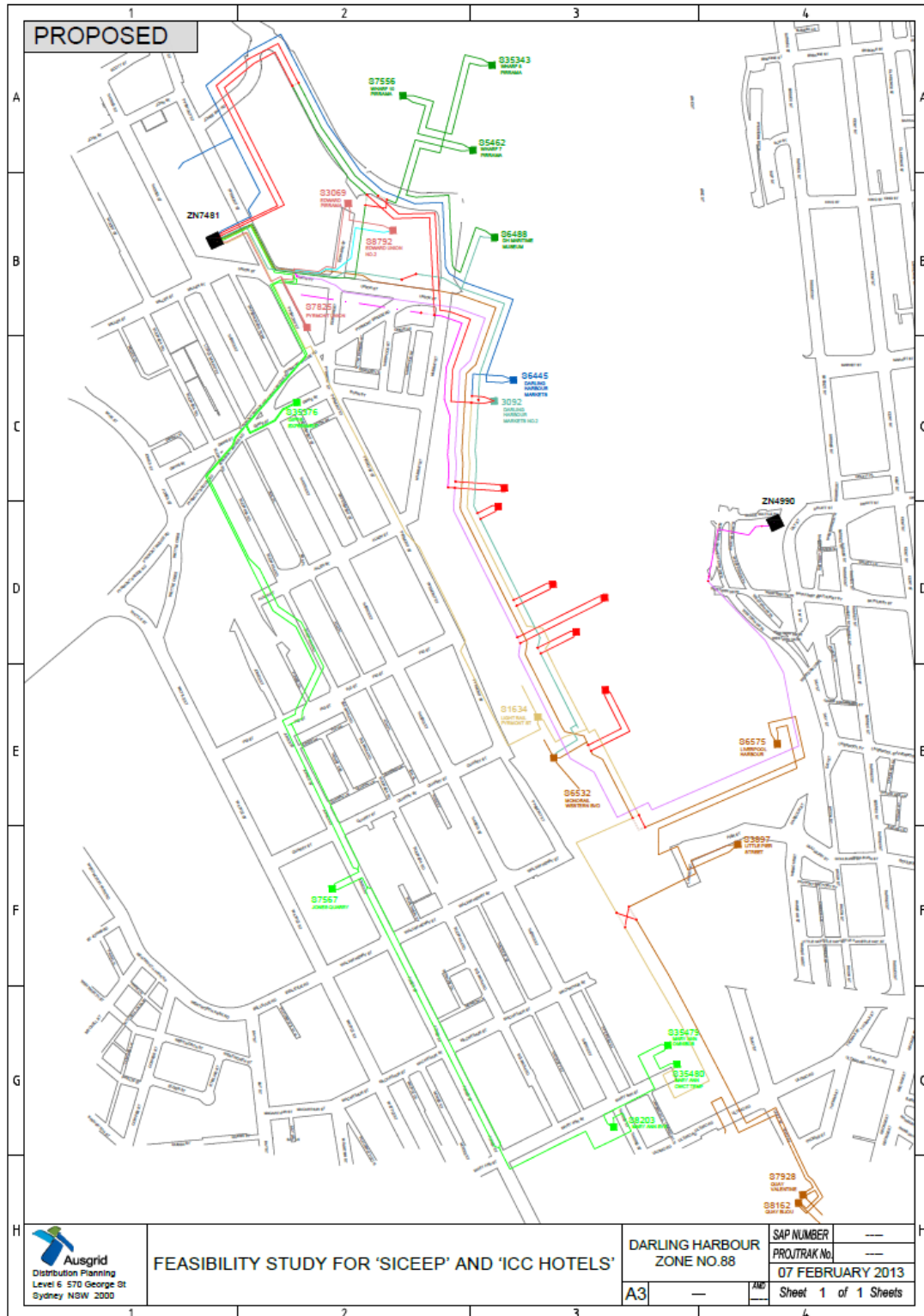
In the circumstance that the required capacity is not available, an alternative would be to re-route the 11kV feeders in question around the congested area into another Darling Harbour Zone Substation egress. This option is technically challenging given the geography and numerous other services in the area but is likely achievable. We estimate the scope of such works could involve several hundred metres of cable installation, see attached map.

Due to Darling Harbour 132/11kV zone substation been capacity constrained there are a number of prerequisite projects that need to be completed prior to the connection of the proposed development. The completion of Camperdown Zone 33/11kV substation (4th quarter 2013) and a 15 MVA load transfer from Darling Harbour to Camperdown (Approx completion 4th quarter 2014) are required to free up capacity at Darling Harbour Zone Substation. Although the risk is low that these projects would not be completed in the required timeframe, mitigation could be provided by potentially operating Darling Harbour Zone non firm for period of peak load until such time as the load relief projects are completed.

A summary of the anticipated scope of works are as follows.

1. 1000 meters of cable installation (6 x 150mm conduit bank – TSB Bedding) to redirect capacity constrained 11kV assets in the vicinity of Darling Harbour Zone Substation.
2. Approximately \$100,000 joints and connection works associated with consolidation of existing 11kV assets.
3. Potential pre decommissioning works required to facilitate the decommissioning of the existing substations on site. The existing network comprises pilot protected teed off transformers at circuit breaker equipped substations.
4. Cable installation and connection works associated with the connection of the proposed substations onto the existing Darling Harbour feeders.

Geo-schematic 1; proposed augmentation works (in RED) for Application 1 SICEEP



Application 2 ‘The Haymarket’ PDA

The proposed development site currently houses the Exhibition Centre which is supplied from Ausgrid’s City Triplex network. It is proposed that the southern portion of the site, fed from two distribution substations located on Harbour St, remain connected to the triplex network. This 4 MVA of load can not be supplied from the existing feeder alone and will require approximately 200 meters of pit and duct installation to facilitate the connection to two city Triplex circuits. Included in this are associated jointing costs. Ausgrid’s estimate for construction would be around \$500,000.

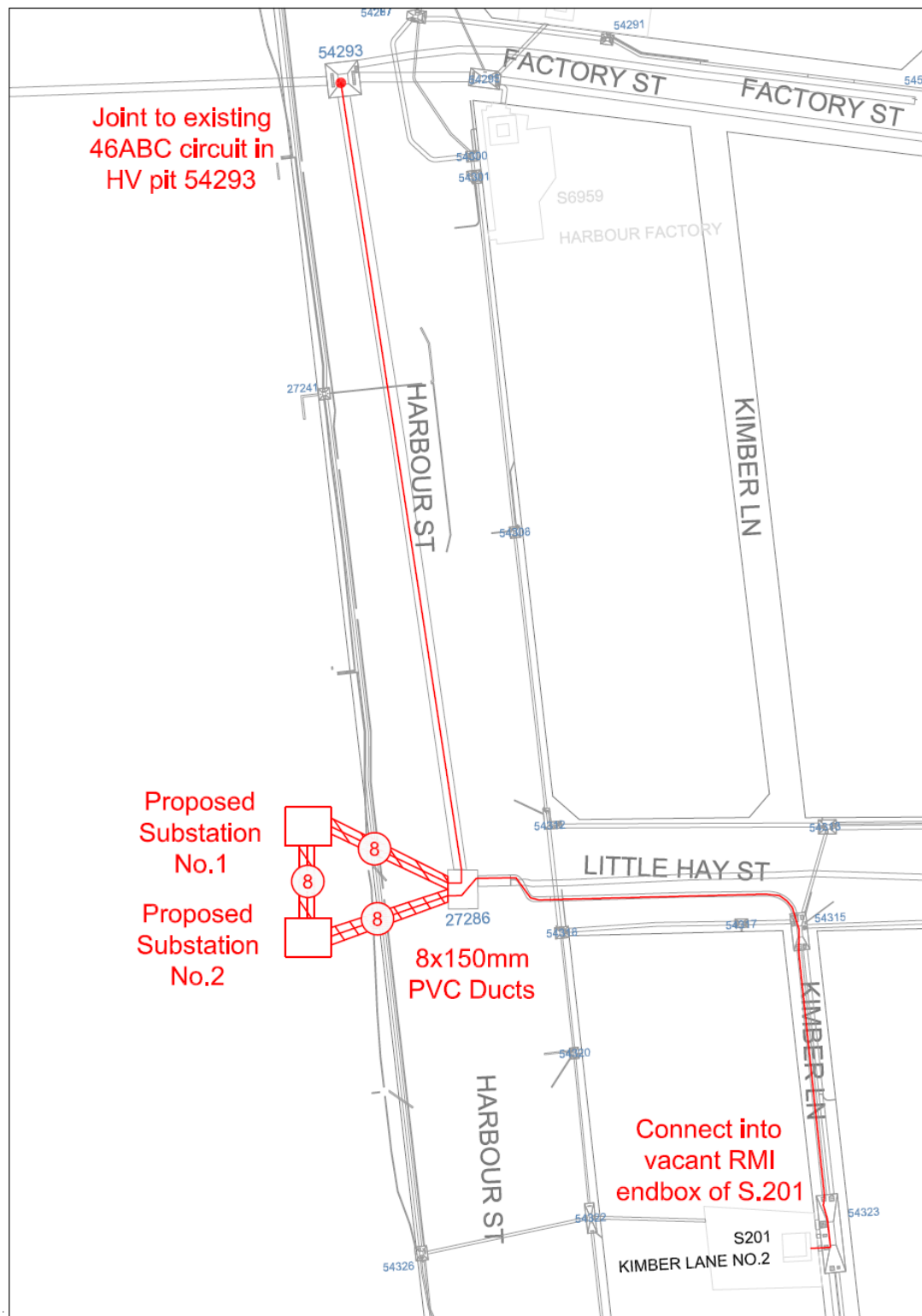
The northern portion of the site, 5.5 MVA across three distribution substations, would require significant network development works to accommodate. With virtually all of the existing 11kV capacity in the area already allocated to the Application 1 & 3 development areas, additional 11kV capacity must be installed into the area.

It is likely that two new 11kV feeders will need to be run from the development site to Camperdown Zone Substation or two feeders run to Darling Harbour Zone Substation with an accompanying load transfer to free up capacity at Darling Harbour.

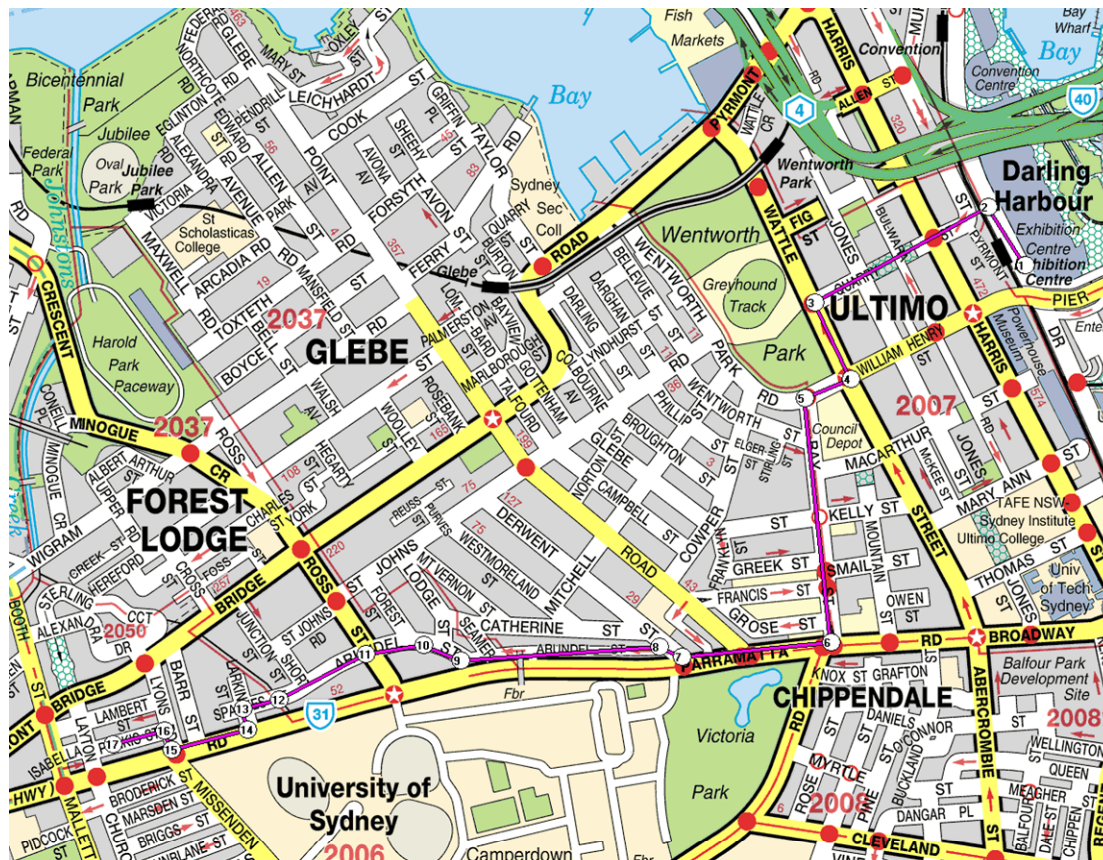
An alternative, more cost effective method of supply may be 33kV distribution from Pyrmont, however there are uncertainties associated with the feasibility of this option. See section below detailing investigation works associated with a 33kV solution.

For the purposes of cost estimation it would be prudent to assume that two new feeders would be required from the development site to Camperdown Zone Substation (approximately 3.2 km route). Given the long lead time until anticipated commissioning it is likely that the network will vary significantly from its current configuration and limitations and alternative options may be possible.

Geo-schematic 2; proposed augmentation works (in RED) for Application 2 ‘The Haymarket’ PDA (southern precinct – 4MVA)



**Geo-schematic 3; proposed augmentation works for Application 2 ‘The Haymarket’ PDA
(northern precinct – 5.5MVA, route length ~ 3.2km)**



Application 3 ‘ICC Hotels’ PDA

To be build and commissioned in conjunction with Application 1, the ICC Hotels PDA requires very little augmentation works to facilitate connection.

The network augmentation works associated with Application 1 SICEEP result in sufficient network capacity to supply to two proposed distribution substation (4.7 MVA)

If Application 1 did not proceed, then augmentation works to supply this site would be required. The scope of such works would be minor network rearrangement to make use of existing capacity in the 11kV network.

See Application 1 details for connection proposal.

Summary

Whilst 11kV feeder solutions for Application 1 and 3 are technically possible and relatively economic the Darling Harbour and Camperdown Zone capacity constraints would need to be resolved prior to implementation.

It is possible that alternative methods of supply, such as 33kV distribution from Pyrmont or Surry Hills STS and potential triplex supplies from City Zone Substations, would be more economic to Ausgrid and the development proponents.

Application 2 will require significant augmentation works to supply the development site, unless synergies can be formed through the potential use of methods of supply such as 33kV distribution.

As such a detailed feasibility study to resolve the Zone capacity constraints and investigate alternative supply methods needs to be carried out prior to an offer to connect can be made.

Author

Karl Ghest – Senior Planner, East / Inner West

Technical contributors

David Barker – Distribution Planner, Darling Harbour area

Abbas Reslan – Distribution Planner, City

Brad Eagle – Sub-transmission Planning Sydney



20/4/12

AECOM
Attention: Scott Martin
Po Box Q410, QVB PO
Sydney, NSW 1230

Email: Scott.Martin@aecom.com

Project Number: SC03910

Dear Scott,

Electricity Network Connection at: Sydney Entertainment Centre - Feasibility Study

Further to your application dated 15/5/12 and the meeting held onsite, the determination requested is to assess the availability of an electricity connection for the Sydney Convention Centre. The power supply requested is in the order of 12-14MVA.

The fee to carry out this feasibility study is \$3,942.40, including GST. This fee covers the feasibility study only, some of which includes assessing supply options, site investigation, contingency study, preparing reports and seeking internal approvals. This investigation will contribute to the production of a Design Information, however additional fees may be required. These fees will be determined following confirmation from you regarding progress of the project.

Ausgrid will require a minimum of 4 weeks to complete the feasibility study, once the additional information requested below has been provided to Ausgrid's satisfaction.

What to Do Next

To advance the arrangements you need to

- ☐ Pay the fees and charges detailed on the enclosed **Summary of Charges** and return the form with your payment.

Should you require any further information please contact me on the phone number or email address detailed below.

Yours sincerely,

A handwritten signature in dark ink, appearing to read "Dane Davis".

Dane Davis
Contestability Project Coordinator
Ausgrid

Direct Telephone Number: 02 9585 5923

Facsimile: 02 9585 5797

Email: ddavis@ausgrid.com.au

Summary of Charges

Ausgrid Reference: **SC03910** Date Issued: **21/05/2012** Last Date for Acceptance: **20/07/2012**
 Project Description: Sydney Convention Centre - Feasibility Study
 Project Address: Sydney Convention Centre, Darling Harbour

Ausgrid Contact: **Dane Davis**
 Telephone: 02 95855923 Email: ddavis@ausgrid.com.au
 Fax: 02 95855797 Mailing Address: Building 1A, 33-45 Judd St Oatley NSW 2223

PAYMENT NOTIFICATION				
ITEM	DETAILS	FEE / QUOTATION		
		GST Exclusive	GST	GST Inclusive
1	∞ Design Information fee	\$3,200.00	\$320.00	\$3,520.00
2				
3				
4				
5				
6				
7				
8	∞ Administration fee	\$384.00	\$38.40	\$422.40
9				
10				
11				
12				
13				
14				
TOTALS		\$3,584.00	\$358.40	\$3,942.40

THE FOLLOWING PAYER DETAILS MUST BE COMPLETED FOR AUSGRID TO PROCESS THE ABOVE PAYMENT	
Payer Name:	_____
Payer Address:	_____ _____ _____
ABN: (if applicable):	_____
Contact Name:	_____
Contact Number:	_____

METHOD OF PAYMENT	
Tax Invoice: The Payer detailed above requests that a Tax Invoice be issued for immediate payment by the Payer	
Signature:	_____
Date:	_____
Cheque: Make cheque payable to Ausgrid and forward to the Ausgrid representative for the project.	
Credit Card:	
Card Holder Name:	_____
Card Number:	_____
Card Type:	☐ Visa ☐ Mastercard
Expiry:	_____
Signature:	_____
Date:	_____
Debit an Ausgrid Account: may be an ASP's Ausgrid Operations Account or Customer's Account	
Account Name:	_____
Electricity Account No:	_____
Signature:	_____
Date:	_____

THIS SECTION IS FOR SECURITY DEPOSITS & WARRANTY BONDS ONLY		
1		\$0.00
2		\$0.00
SECURITY DEPOSIT & WARRANTY BOND - METHOD OF PAYMENT		
A Security Deposit and/or Warranty Bond is a separate payment to any Payment Notification detailed above.		
Ausgrid will only accept a Security Deposit and /or Warranty Bond payment in the form of a Cheque or Bank Guarantee		
Cheque: make cheque payable to Ausgrid		
Bank Guarantee: present an unconditional Financial Institution prepared document that is in favour of Ausgrid		



Address all relevant correspondence to:
Ausgrid Contestability Section
33-45 Judd Street
Oatley NSW 2223

F: 02 95855797
E: Contestability@ausgrid.com.au

4/7/12

Lend Lease
Attention: Graeme Atkinson
30 The Bond, 30 Hickson Road
Millers Point NSW 2000

Email: Graeme.Atkinson2@lendlease.com

Project Number: SC03910

Dear Graeme,

Electricity Network Connection at: Darling Harbour Convention Centre - Feasibility Study

Further to your application, Ausgrid has completed the feasibility study in regards to the supply arrangements for the Darling Harbour Convention Centre. This study has addressed the supply options requested by you to supply the ultimate load required by the site based on your maximum demand calculations supplied to Ausgrid on 5/06/12.

As advised at the application stage of this study, this study does not constitute a Design Information package, this will be prepared under a separate contestable project. It is Lend Lease's responsibility to submit a new application for connection form for the project when supply is required and to engage the services of an ASP 3 designer and ASP 1 Constructor. It should be noted that additional fees will be required for this design information package. These fees will be determined upon receipt of the application.

This study includes Ausgrid's preliminary response to each of the supply options requested, an extract from Ausgrid's records indicating the location of our existing feeders and a copy of the site plan provided with the application.

Should you require any further information please contact me on the phone number or email address detailed below.

Yours sincerely,

A handwritten signature in dark ink, appearing to read "Dane Davis", is written over a light blue horizontal line.

Dane Davis
Contestability Project Coordinator
Ausgrid

Direct Telephone Number: 02 9585 5923

Facsimile: 02 9585 5797

Email: ddavis@ausgrid.com.au



Project Number: SC03910

Darling Harbour Convention Centre

Feasibility Study

Feasibility Study

Date: 4/7/12



Darling Harbour Precinct - Feasibility Study

23 April 2012

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1 INTRODUCTION

The Feasibility Study outlines the preliminary supply arrangements for the site.

The advice provided is based on loads and information currently available and is subject to change, depending on the timing of a formal submission.

2 OBJECTIVES

The objectives of this Design Information are:

To allow the determination of any network augmentation works required to supply the development.

To provide the customer with a concept plan of the required electrical network to base each contestable project on.

3 SITE SPECIFIC REQUIREMENTS

3.1 Ausgrid Contact Details

Ausgrid Contact	Dane Davis
Postal Address	Building 1A, 33-45 Judd Street, Oatley NSW 2223 AUSTRALIA
Telephone No	02 9585 5923
Facsimile No	02 9585 5797
Email Address	ddavis@ausgrid.com.au

3.2 Loads

Based on the loads submitted on 22/6/12.

A total of 13.4MVA will be required.

Loadings for each point of supply (including details of loads for each building) – Loads are broken up into requirements of each individual LV substation;

- LV Substation 1 = 3.6 MVA
- LV Substation 2 = 3.6 MVA
- LV Substation 3 = 3.2 MVA
- LV Substation 4 = 3.0 MVA

3.3 Supply Proposal & Network Augmentation Work

The following options are your proposed supply arrangements for the development site, Ausgrid's response as to the feasibility of each option and any augmentation works required.

- If the Centre can be supplied from the existing 11kV system

The proposed substations can be connected to the existing 11kV network supplying the existing substations. These feeders are currently installed along the western edge of the Darling Harbour Precinct. However based on the loads supplied it will be necessary to carry out some augmentation works. This would involve installing an additional feeder from the convention centre site to the corner of Lyons Rd and Parramatta Rd. Where possible existing ducts will be made available for use (Depending on your construction timing and the construction of other Ausgrid projects this may apply to the majority of the route). These Augmentation works would be funded and constructed as a standard contestable project and may be completed as a separate project or incorporated into one of the substation projects.

- Obtaining a 33kV supply off the Barangaroo supply.
- Obtaining a 33kV supply from the Pyrmont Zone Sub-station

Ausgrid does not currently have any formal policy for expansion of the 33kV distribution system. A decision on this arrangement would not be able to be made until a formal application for supply is made.

The 11kV option will require a contestable project(s), consisting of a design by an Accredited ASP3 and construction to be carried out by an Accredited ASP1. Please see Appendix D for a flowchart of the contestable process.

These could be staged to suit construction requirements.

All design and construction works must comply with Ausgrid's network standards.

To progress to the next stage, Ausgrid will require the submission of a formal Application for Connection. The appropriate forms are available in our ES1-Customer Connection Information document on Ausgrids' website.

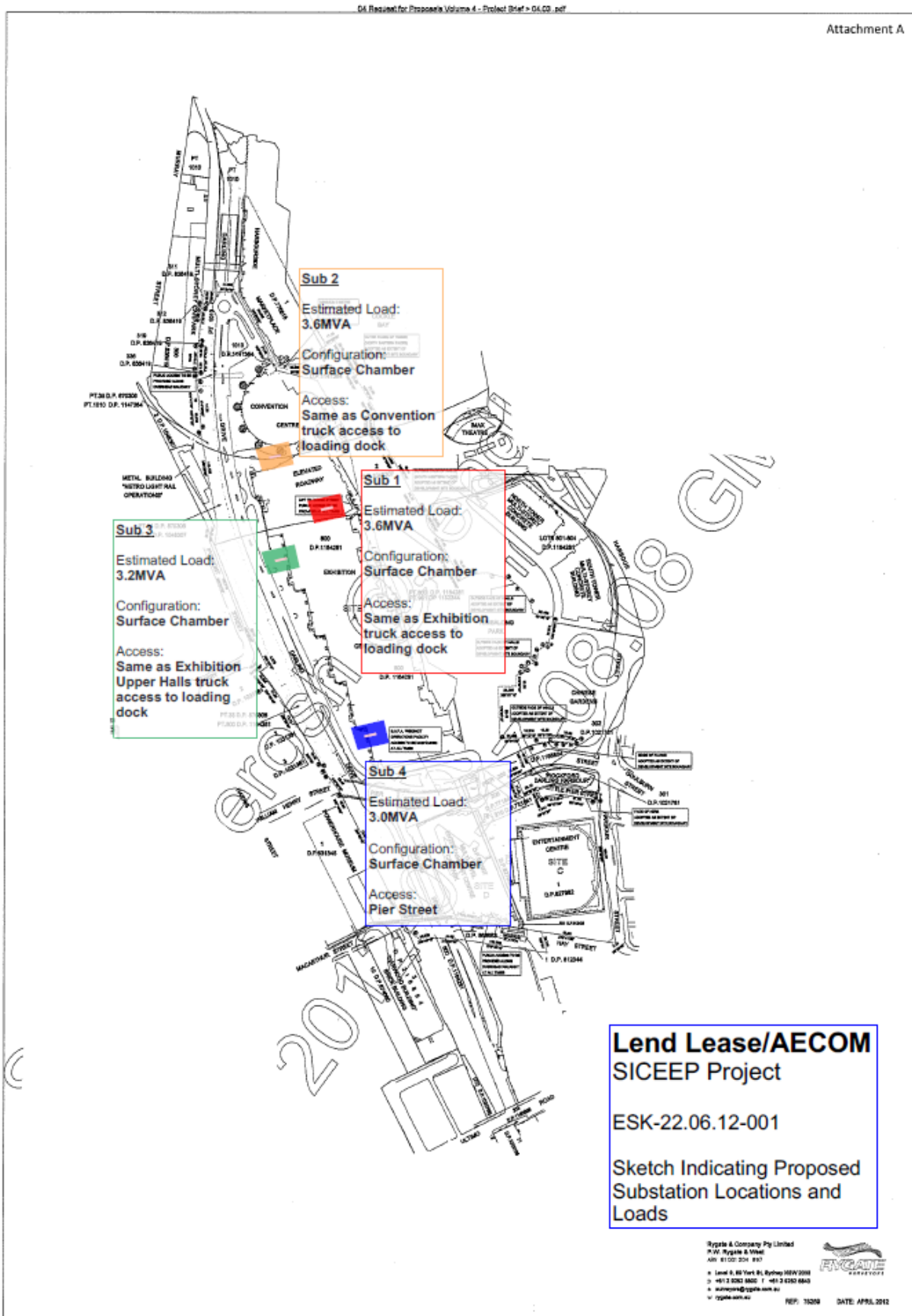
The 33kV option would be handled by our Major Connections group.

3.4 Relocation Works

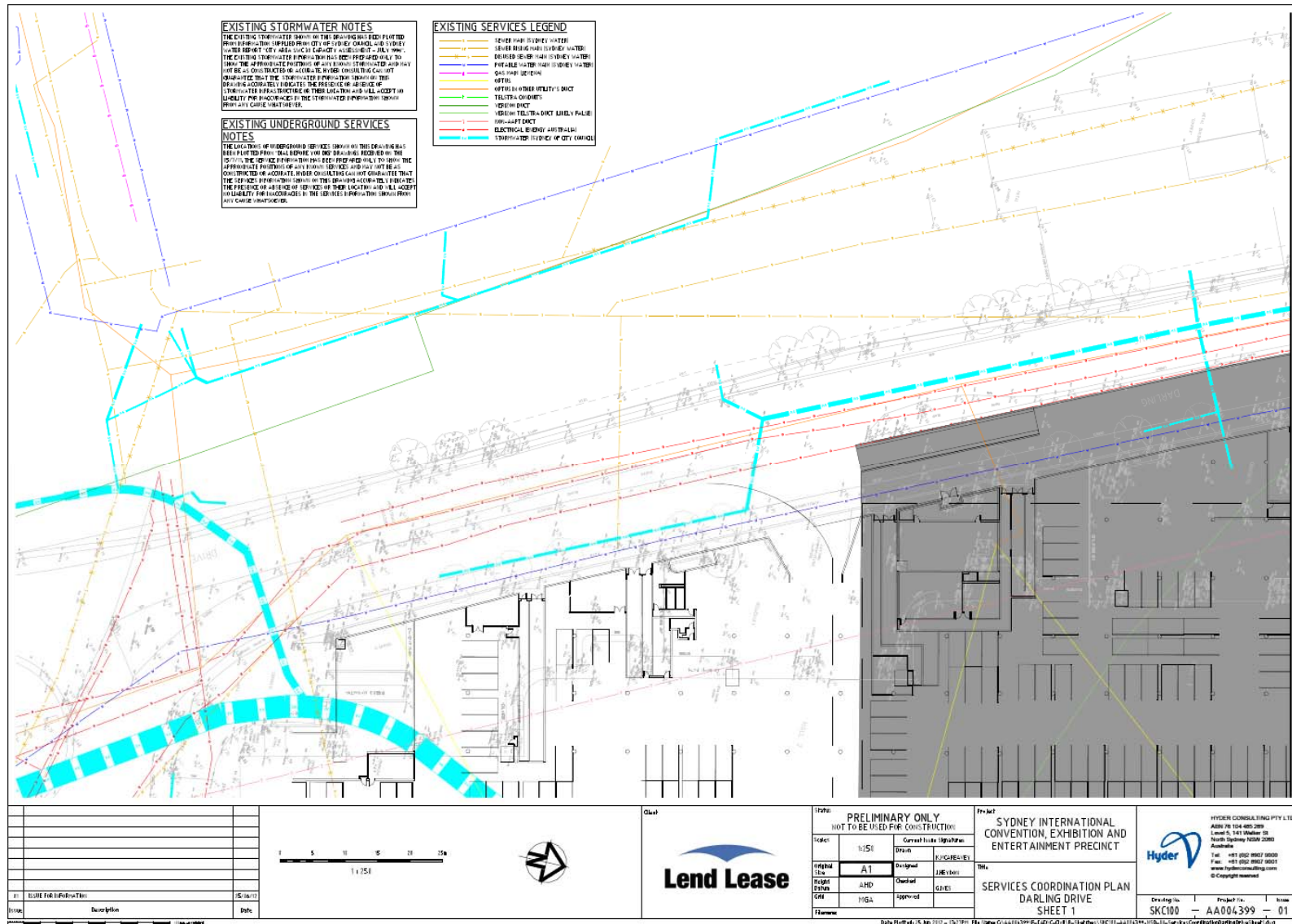
As per your email 3/7/12 regarding the existing assets along Darling Dr, our records indicate that the affected assets are the existing streetlights and associated cabling. These assets can be relocated via the standard contestable process. This may be completed as a separate project or incorporated into one of the substation projects.



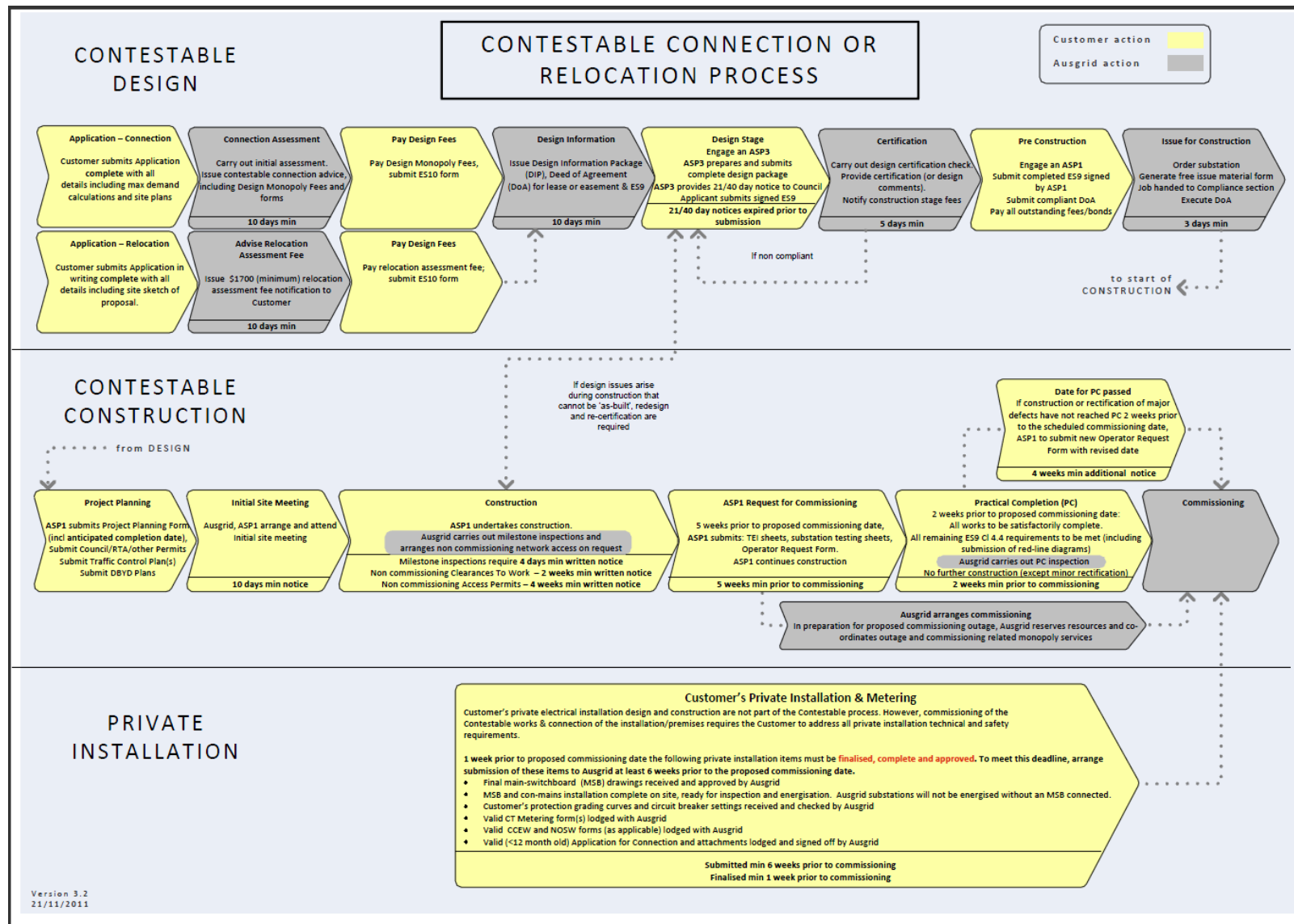
Appendix B – Site Plan provided with application



Appendix C – Site Plans provided for relocation



Appendix D – Contestable Connection Or Relocation Process Flow Chart



Friday 11 January 2013

Gregg Charalambous
AECOM
Gregg.Charalambous@aecom.com

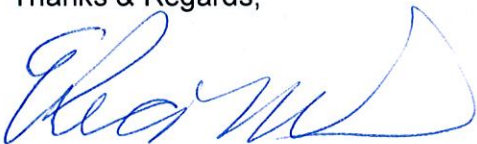
Dear Mr Charalambous,

You have contacted NBN Co in relation to the possible installation of fibre infrastructure at **Redevelopment of Darling Harbour Project**.

NBN Co has determined that your new development is within the NBN fibre footprint.

Once **AECOM** has submitted a formal application and we have concluded an agreement on NBN Co's terms and conditions (including in relation to the construction of pit and pipe infrastructure at the development), then provided you comply with the terms and conditions of that agreement, NBN Co will agree to procure the installation of fibre infrastructure at the development.

Thanks & Regards,



Erica Kearnes
Contracts Administrator – New Developments
NBN Co Limited

Joe Heydon

From: Philip Glasscock <Philip.Glasscock@jemena.com.au>
Sent: 18 January 2013 4:47 PM
To: Heath Mallen
Cc: Greg Ives
Subject: RE: Gas requirements for SICEEP Development, Darling harbour

Hi Heath,

In relation to the concept masterplan and schedule of gas demands prepared by the Destination Sydney Consortium and submitted for assessment to Jemena on 10/01/2013, Jemena can confirm that the infrastructure will have the capacity to supply natural gas to the future development as described by Destination Sydney, subject to the following conditions:

- Jemena's understanding is the gas demand figures as provided are preliminary only and are potentially subject to future amendment by Destination Sydney. The loads as they stand seem a little high in hourly rates compared to annual loads. Jemena reserves the right to alter their position if this occurs.
- The preliminary designs for customer pipework shown by Hyderconsulting in a meeting 18 Jan 2013 appear to address all of Jemena's local main requirements.
- The gas demand figures as provided are preliminary only and are potentially subject to future amendment by Destination Sydney. Jemena reserves the right to alter their position if this occurs.
- Augmentation of Jemena's network feeding the Sydney CBD will be required going forward. Timing of these works is dependent on forecast demand. Jemena reserves the right to levy development contributions in conjunction with any agreement to supply natural gas to the SICEEP development .
- Jemena cannot advise the scale of developer contributions that will be required until such time as a formal application is made. Jemena understands that this application will not be made until development approval has been obtained by Destination Sydney.
- The boundary regulator in Little Pier Street will need to be reviewed if the customers downstream are still required and if any works are required to maintain supply

Regards,

Philip Glasscock
Transportation Sales Manager
Commercial Operations
Jemena

[Phone: 02 9455 1590](tel:0294551590), [Fax: 02 9455 1673](tel:0294551673)

[Street Address: Level 20, 111 Pacific Highway North Sydney NSW 2060](#)

Heath Mallen

From: WICKHAM, ROBERT <ROBERT.WICKHAM@sydneywater.com.au>
Sent: 7 June 2012 4:36 PM
To: Heath Mallen
Cc: FOSTER, DARRYL
Subject: RE: SICEEP redevelopment of Darling Harbour - Sewer and Water supply requirements

Categories: Red

Hello

To provide a general answer to your request and advised flows

Convention area

- o The water supply is off the 250 mm main along Darling Drive
- o The 200 mm located in the forecourt is off the same system
- o The 250 mm water main has a supply from both sides: the 200 mm main has a single feed
- o Connection to the water or reuse of the existing domestic connections for the advised flows would not pose any significant issues
- o Purchase of a Statement of Available Pressures and Flows through QuickCheck might be prudent to investigate the network ability to react to the use of the fire services
- o The available wastewater main is the 375 mm along Darling Drive that drains to the very large sewage pumping station SP0001
- o A 300 mm inlet in the maintenance hole adjacent to the building is provided for connection
- o The advised flows would not pose significant issues

Exhibition Area

- o The water supply is off the 300mm / 250 mm main along Darling Drive
- o The 300 mm / 250 mm water main has a supply from both sides
- o Connection to the water or reuse of the existing domestic connections for the advised flows would not pose any significant issues
- o Purchase of a Statement of Available Pressures and Flows through QuickCheck might be prudent to investigate the network ability to react to the use of the fire services
- o The available wastewater main is the 300 mm sideline across along Darling Drive (southern end of the area) that drains to the very large sewage pumping station SP0001
- o A 300 mm inlet in the maintenance hole is provided for connection
- o The advised flows would not pose significant issues

The southern area

- The water supply is of the 375 mm main adjacent to Pier St. This is a single feed main from the CBD
- The main available for use is the 200 mm main in Lackey St that links to the 150 mm main in Hay St
- Considering the scope of advised flows, amplification of 120 m of the 150 mm back to a 200 mm main in Hay St may be required
- Purchase of a Statement of Available Pressures and Flows through QuickCheck might be prudent to investigate the network ability to react to the use of the fire services
- Connection to the water or reuse of the existing domestic connections in Lackey St for the advised flows would not pose any significant issues once the amp main is done
- For the advised wastewater flows, the available mains that drain to SP0001
 - o the 750 mm wastewater main in Hay St would be suitable or
 - o the 300 mm main in Lackey St if amplified to 375 mm

Unfortunately costs cannot be advised

thank you for your inquiry

Robert Wickham
Principal Planner

Asset Services
Urban Growth
Ph 88493531
Mob 0409380200

From: Heath Mallen [mailto:Heath.Mallen@hyderconsulting.com]
Sent: Tuesday, 22 May 2012 2:44 PM
To: WICKHAM, ROBERT
Cc: Ron Meyer (ron.meyer@lendlease.com); Greg Ives; daryl.forster@sydneywater.com.au
Subject: SICEEP redevelopment of Darling Harbour - Sewer and Water supply requirements

Good afternoon Robert,

As discussed at our meeting in your office on the 8th May, please see attached for the masterplan sewer and water supply requirements and connection locations. The site has been split into three sectors – North, Center and South with the relevant kL/day loads and supply locations provided for each of these sectors respectively.

As discussed, It would be appreciated if Sydney Water could review and provide feedback on the feasibility of connecting to the existing Sydney Water assets in the vicinity.

It would also be very much appreciated if you could provide any further information that may assist in understanding the capacity of existing infrastructure, amplification requirements, infrastructure costs and any other issues Sydney Water deem important.

Please note also that as discussed, we have not considered sewer mining, on site reuse or any other water reduction schemes in assessing the demands as shown.

It would assist us greatly if you could also confirm when we might be able to expect a response so that we can plan accordingly. Thankyou in advance for your assistance.

Regards,
Heath

Heath Mallen
Civil Engineer
MEEM, BE, DipEngPrac
Hyder Consulting Pty Ltd
Locked Bag 6503 North Sydney NSW 2060 Australia
Level 5, 141 Walker Street North Sydney NSW 2060 Australia
Direct +61 2 8907 9268 Fax +61 2 8907 9001
Mobile +61 438 266 333

Case Numbers: 131520/131522/131523/131525

13 February 2013

LEND LEASE PROJECT MANAGEMENT & CONS.
c/- CARDNO FORBES RIGBY PTY LTD

INTERIM ADVICE LETTER

Developer: LEND LEASE PROJECT MANAGEMENT & CONS.
Your reference: 50613027-131525
Development: DARLING HARBOUR, Sydney
Development Description: Demolition of existing buildings and construction of a new Convention Centre, Exhibition Centre, Theatre and public area. Removal of existing buildings and construction of Student Accommodation, residential towers, commercial office, retail centre and construction of 2 hotel buildings
Your application date: 25 January 2013

Dear Applicant

We confirm that Darling Harbour Live (DHL), the Consortium selected to redevelop the Sydney International Convention Exhibition and Entertainment Precinct (SICEEP) has consulted with Sydney Water and that we have been given the opportunity to review and comment on the proposed **draft concept plan** for the development.

DHL have consulted Sydney Water with reference to existing system capacity and anticipated impact in Sydney Water's existing infrastructure.

Sydney Water confirm that DHL has lodged four (4) applications through their WSC in relation to the proposed works associated with SICEEP. Sydney Water is in the process of reviewing these applications and preparing our advice.

Sydney Water confirms that, based on the hydraulic information provided by the WSC, the development can be serviced through extensions of water and sewer infrastructure including possible amplifications of the water and sewer infrastructure.

The developments impact on Sydney Water's stormwater assets cannot be quantified at the time of the application due to insufficient details on the impact on that system and assets.

The specific impact on our water, sewer and stormwater assets cannot be assessed until the refinement of location, scope and impact on our assets can be reviewed.

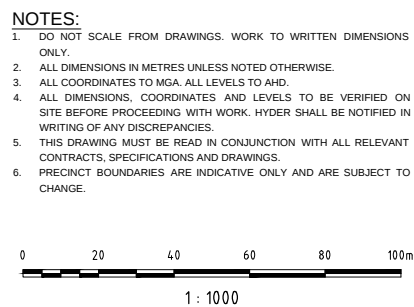
The impact on Sydney Water's stormwater assets could not be made with the provided information. This will need to be assessed.

Once formal development approval has been obtained you will be required to submit new applications for specific requirements in relation to the obtained approval.. Our formal response to these future applications will outline our specific requirements and the activities required of DHL in delivering these services to the subject sites to meet Sydney Water's approval.

No warranties or assurances can be given about the suitability of this document or any of its provisions for any specific transaction. It does not constitute an approval from Sydney Water and to the extent that it is able, Sydney Water limits its liability to the reissue of this Letter or the return of your application fee. You should rely on your own independent professional advice.

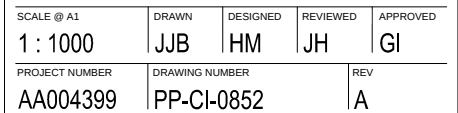
APPENDIX D

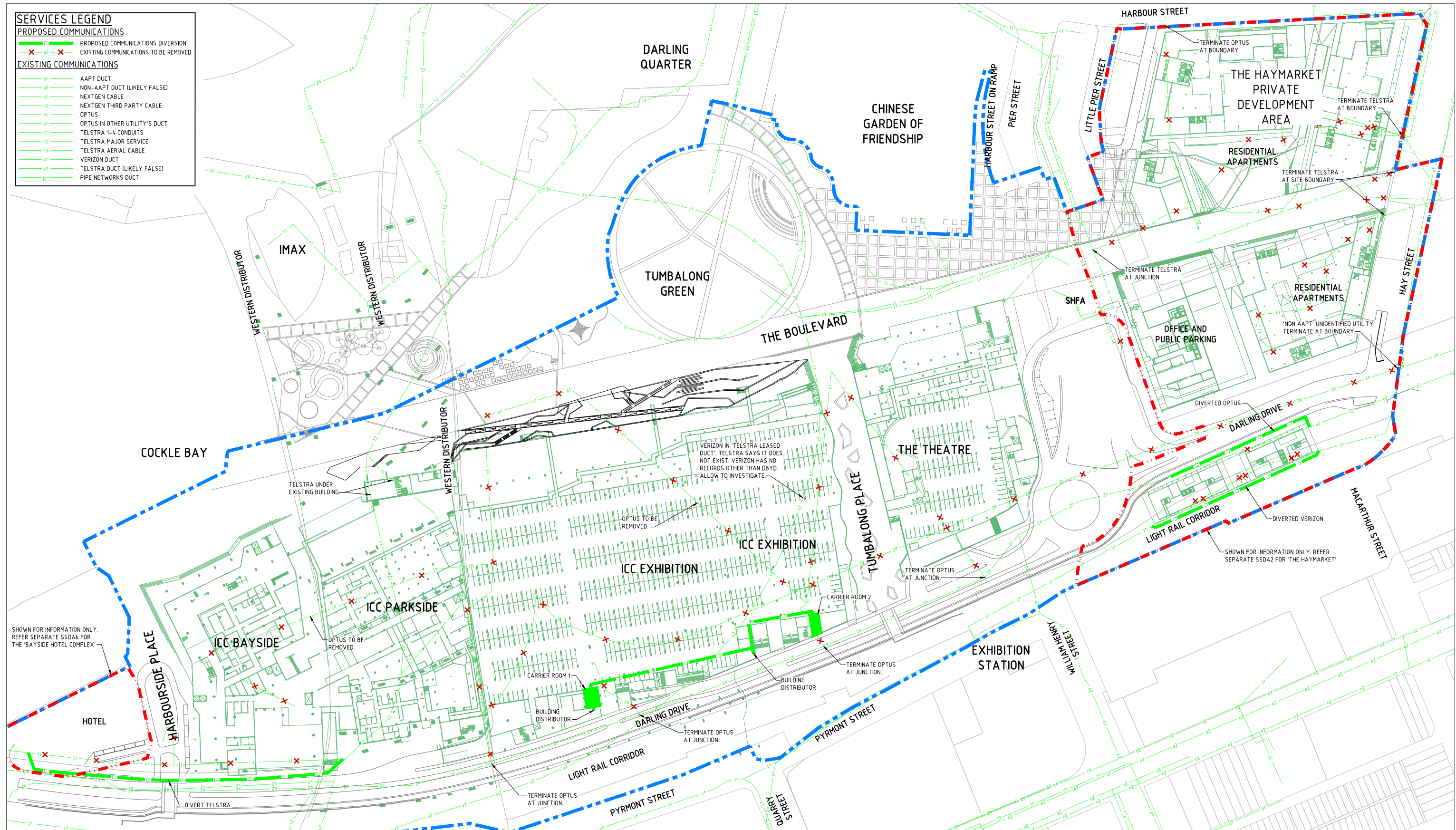
PROPOSED CONCEPT UTILITY PLANS



A	ISSUE FOR DEVELOPMENT APPLICATION	14/03/2013
REV	DESCRIPTION	DATE

SICEEP
DARLING HARBOUR
PRIVATE PUBLIC PARTNERSHIP (PPP)



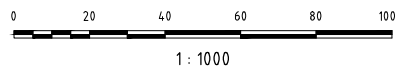


REFERENCE MAP



NOTES:

1. DO NOT SCALE FROM DRAWINGS. WORK TO WRITTEN DIMENSIONS ONLY.
2. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
3. ALL COORDINATES TO MGA. ALL LEVELS TO AHD.
4. ALL DIMENSIONS, COORDINATES AND LEVELS TO BE VERIFIED ON SITE BEFORE PROCEEDING WITH WORK. HYDER SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.
5. THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT CONTRACTS, SPECIFICATIONS AND DRAWINGS.
6. PRECINCT BOUNDARIES ARE INDICATIVE ONLY AND ARE SUBJECT TO CHANGE.



A	ISSUE FOR DEVELOPMENT APPLICATION	14/03/2013
REV	DESCRIPTION	DATE



RobertBirdGroup

**HASSELL +
POPULOUS**

ARCHITECT
LEVEL 2, 88 CUMBERLAND STREET,
SYDNEY NSW 2000

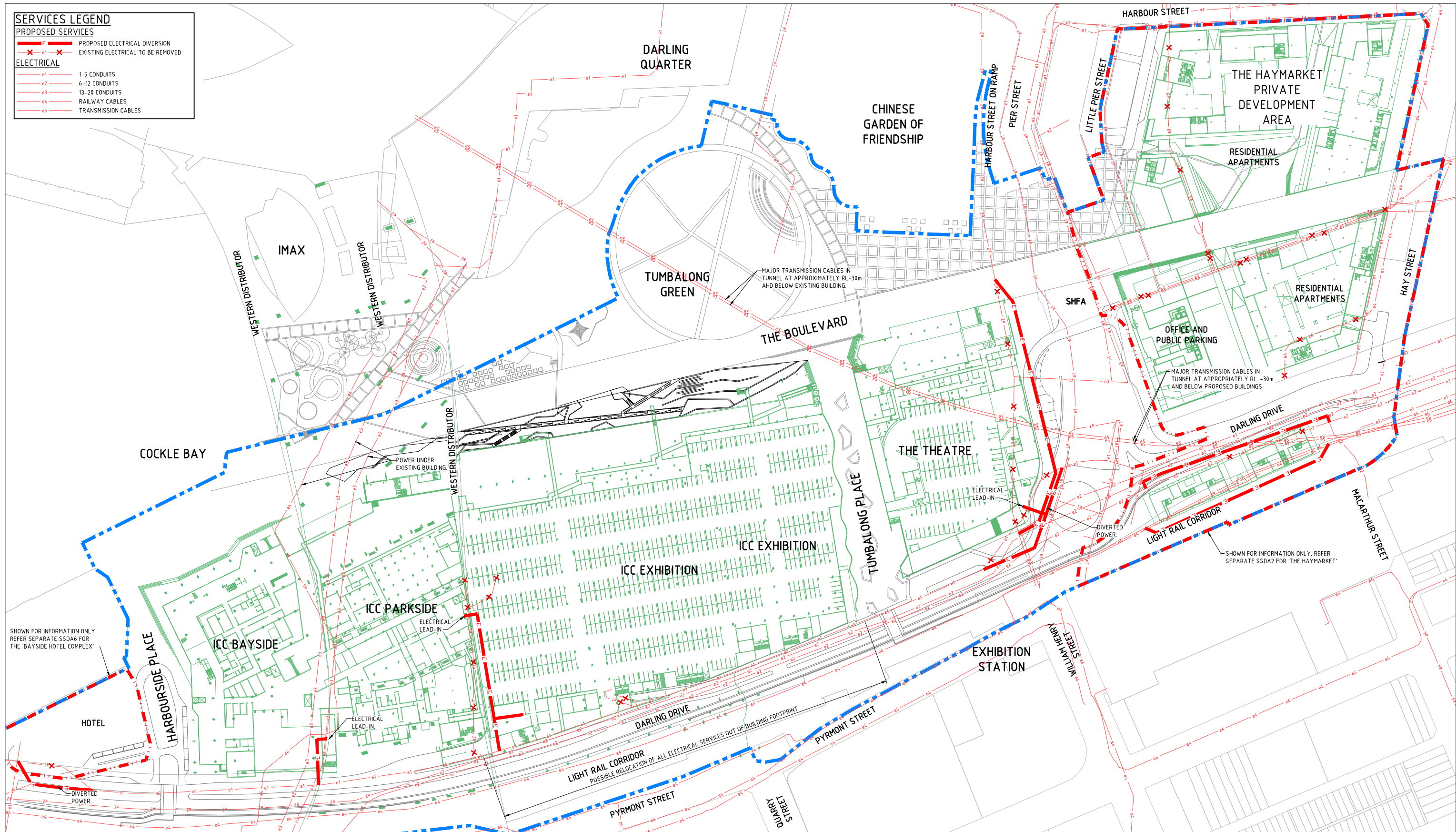
SICEEP
DARLING HARBOUR
PRIVATE PUBLIC PARTNERSHIP (PPP)



SERVICE STRATEGY PLAN CONCEPT COMMUNICATIONS

DEVELOPMENT APPLICATION

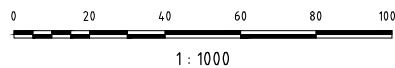
SCALE @ A1	DRAWN	DESIGNED	REVIEWED	APPROVED
1 : 1000	JJJB	HM	JH	GI
PROJECT NUMBER	DRAWING NUMBER			REV
AA004399	PP-CI-0853			A



REFERENCE MAP



1. DO NOT SCALE FROM DRAWINGS. WORK TO WRITTEN DIMENSIONS ONLY.
2. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
3. ALL COORDINATES TO MGA. ALL LEVELS TO AHD.
4. ALL DIMENSIONS, COORDINATES AND LEVELS TO BE VERIFIED ON SITE BEFORE PROCEEDING WITH WORK. HYDER SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.
5. THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT CONTRACTS, SPECIFICATIONS AND DRAWINGS.
6. PRECINCT BOUNDARIES ARE INDICATIVE ONLY AND ARE SUBJECT TO CHANGE.



A	ISSUE FOR DEVELOPMENT APPLICATION	14/03/2013
REV	DESCRIPTION	DATE

**HASSELL +
POPULOUS**

ARCHITECT
LEVEL 2, 88 CUMBERLAND STREET,
SYDNEY NSW 2000

SICEEP
DARLING HARBOUR
PRIVATE PUBLIC PARTNERSHIP (PPP)



SERVICE STRATEGY PLAN
CONCEPT ELECTRICAL

DEVELOPMENT APPLICATION

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