Uecomm

To: Mr Nicholas Rouggos

201 Kent Street
Sydney, NSW, 2000

Uecomm Pty Limited
ABN 56 079 083 195

Building 8, 658 Church St,
Richmond, VIC 3121
Ph: (03) 9221 4100
Fax: (03) 9221 4193
Ah: 1800 707 447

LOCATION OF UNDERGROUND FIBRE OPTIC CABLE INFORMATION SHEET

IMPORTANT: PLEASE READ ALL INFORMATION AND CONDITIONS BELOW AND THE NOTICE ON THE REVERSE SIDE OF THE PLAN/S.

"Dial Before You Dig" Sequence No 58207257	**Issue Date:** 17/01/2017
Customer ID 1643225	**Issue By:**

Location: **Hunter Street, Sydney, NSW 2000**
Map Ref: **236E8, 236E9**
Uecomm Asset Location No. **58207257**
Dial Before You Dig Job No. **11738734**

In relation to your enquiry at the above address, Uecomm advises as follows:

The records of Uecomm Limited disclose that there ARE underground FIBRE OPTIC / TELECOMMUNICATIONS cables in the vicinity of the above enquiry as per attached plan/s.

- The underground cables referred to in this advice are defined as the underground communications cables owned or controlled by Uecomm Pty Limited.
- The person/company responsible for submitting the inquiry should take care to ensure all plans listed above have been received. For any plan listed above but not received please contact **1800 707 447**.
- Any information provided is valid only for **30 days** from the date of issue set out above.
- If the work operations extends beyond this period, or if the designs are altered in any way, you are requested to resubmit your proposal for reassessment.
- Further assistance may be obtained if necessary by telephoning **1800 707 447**.

PLEASE READ ALL INFORMATION AND DISCLAIMERS BELOW:

1. Due to the nature of underground cables and the age of some cables and records, it is impossible to conclusively ascertain the location of all cables. The accuracy and/or completeness of the information cannot be guaranteed and, accordingly, they are intended to be indicative only and, as a result, Uecomm does not accept any responsibility for any inaccuracies of its plans. They should not be solely relied upon when undertaking underground works. It is also inaccurate to assume that fibre optic cables follow straight lines and careful on-site investigations are essential to locate its exact position.

2. The following minimum clearances must be maintained:
   - 300mm when laying asset's inline, horizontal or vertical.
   - 500mm when operating vibrating equipment, e.g., jackhammers or vibrating plates.
   - 1000mm when operating mechanical excavators.

3. Due to the inherent dangers associated with excavation in the vicinity of underground cables, precautions should be taken in the undertaking of any underground works, including (but not limited to) the following:
   - All excavation sites should be examined for underground cables by careful hand excavation. Cable cover slabs if present must not be disturbed. Hand excavation needs to be undertaken with extreme care to minimise the likely hood of damage to the cable, e.g., blades of hand equipment should be orientated parallel to the line of the cable rather than digging across the cable.
   - If any undisclosed underground cables are located, Uecomm Limited should be notified immediately.
   - All personnel must be properly briefed, particularly those associated with the use of earthmoving equipment, trenching, boring and pneumatic equipment.
   - All excavations must be undertaken in accordance with the relevant legislation and regulations.

4. **DAMAGE. ANY DAMAGE TO UECOMM'S NETWORK MUST BE REPORTED IMMEDIATELY TO 1800 707 447**.

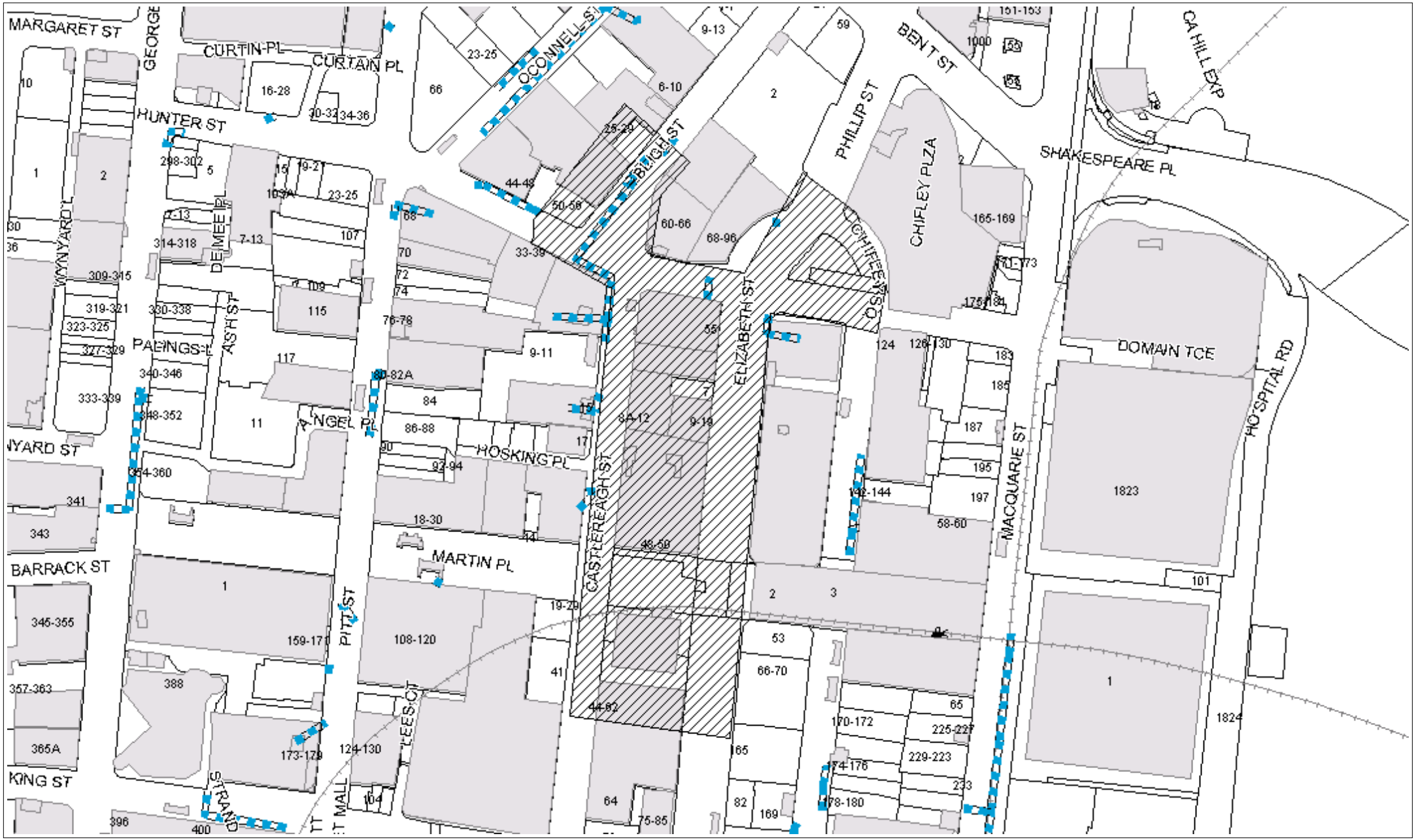
5. Uecomm recommends using Uecomm approved location contractors to provide on-site location services for Uecomm plant. You can arrange Uecomm on-site visits by calling Uecomm on 1800 707 447 and Uecomm or its approved representative will attend your site to provide guidance to the location of the Uecomm assets (the *"Uecomm Asset Alignment"*). **Uecomm requires 3 clear business days notice to conduct an on-site location.** The initial on-site visit by Uecomm will not normally incur a charge, but at the discretion of Uecomm, subsequent site visits may incur a charge to be applied at an hourly rate.

6. Uecomm will hold the relevant party responsible for any damage to Uecomm plant and all expenses incurred by Uecomm as a result of asset damage.

7. Except to the extent that liability may not be capable of lawful exclusion, Uecomm Pty Limited and its servants and agents and the related bodies corporate of Uecomm Pty Limited and their servants and agents shall be under no liability whatsoever to any person for any loss or damage (including indirect or consequential loss or damage) however caused (including, without limitation, breach of contract negligence and/or breach of statute) which may be suffered or incurred from or in connection with this information sheet or any Plans attached hereto. Except as expressly provided to the contrary in this information sheet or the attached Plans, all terms, conditions, warranties, undertakings or representations (whether expressed or implied) are excluded to the fullest extent permitted by law.

We thank you for your enquiry and appreciate your continued use of the Dial Before You Dig Service and/or Uecomm Asset Analysis Service. If you require further information please contact Uecomm on **1800 707 447**.

IMPORTANT *This document may be confidential and privileged. Unauthorised use is prohibited. If you have it in error, please notify us and shred this document. Thank you.*



Uecomm

Cable Uecomm Underground

Scale: #INSERT MAP SCALE#

Printed On: 17/01/2017

Sequence Number: 58207257

Location: Hunter Street

Job Location

Line

Point

Area

Undergound Asset

Uecomm

This document is confidential and may also be privileged, and neither confidentiality nor privilege is waived lost or destroyed by virtue of it being transmitted to an incorrect addressee. Unauthorised use of the contents is therefore strictly prohibited. Any information contained in this document that has been extracted from our records is believed to be accurate, but no responsibility is assumed for any error or omission.

To: Mr Nicholas Rouggos

201 Kent Street
Sydney, NSW, 2000

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ABN 56 079 083 195

Building 8, 658 Church St,
Richmond, VIC 3121
Ph: (03) 9221 4100
Fax: (03) 9221 4193
Ah: 1800 707 447

LOCATION OF UNDERGROUND FIBRE OPTIC CABLE INFORMATION SHEET

IMPORTANT: PLEASE READ ALL INFORMATION AND CONDITIONS BELOW AND THE NOTICE ON THE REVERSE SIDE OF THE PLAN/S.

"Dial Before You Dig" Sequence No 58207257	**Issue Date:** 17/01/2017
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Location: **Hunter Street, Sydney, NSW 2000**
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We thank you for your enquiry and appreciate your continued use of the Dial Before You Dig Service and/or Uecomm Asset Analysis Service. If you require further information please contact Uecomm on **1800 707 447**.

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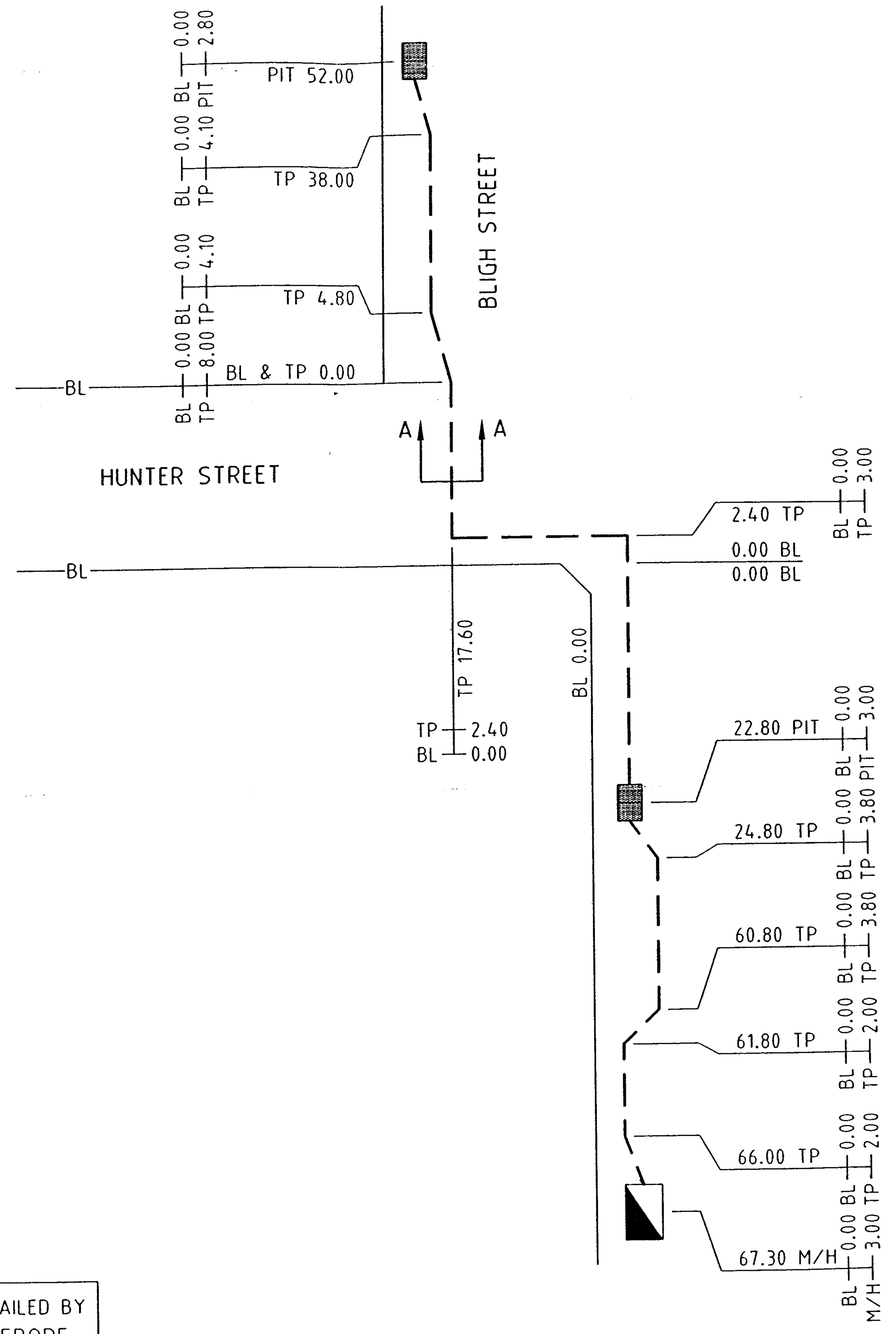
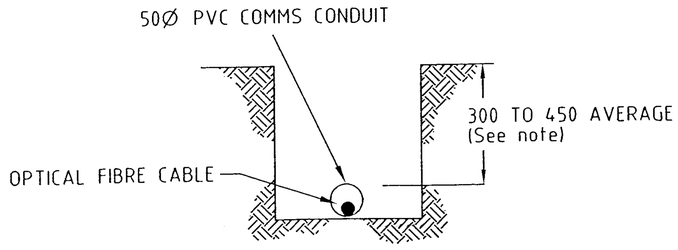
LEGEND

- ELECTRICITY POLE
- FIBRE OPTIC CABLE
- CABLE CONDUIT
- UE P5 PIT
- UE P6 PIT
- BL - BUILDING LINE
- BOK - BACK OF KERB
- CL - CENTRELINE OF CONDUIT
- TP - TURNING POINT OF CONDUIT
- FENCE LINE
- TELSTRA MANHOLE
- (T) - TELSTRA PIT





SECTION A-A

Note:
Conduit depths quoted are approximate only and may change due to unforeseen circumstances.
Excavate by hand until conduit depth is determined.

* DETAILED BY RITEBORE

DRAWING NOT TO SCALE

REV	DESCRIPTION	DATE	DRN	CKD
-	ISSUED FOR APPROVAL - UE.COMM	17.08.01	ALS	

Civil Contractor :
RITEBORE PTY LTD.
ACN 079 783 903

Drawn A.L.S. 16.08.01 | Design Checked
Approved | Melways Ref. 263 E8 (SYDNEY UBD)
Council:
Shire:

Bayside Drafting Australia Pty. Ltd.
ABN 56 065 169 931
Telephone: (03) 9781 4011
Fax: (03) 9781 1653
Email: bdvic@baysidegrp.com.au

Uecomm™ MAKING THE CONNECTION
ACN 079 083 195

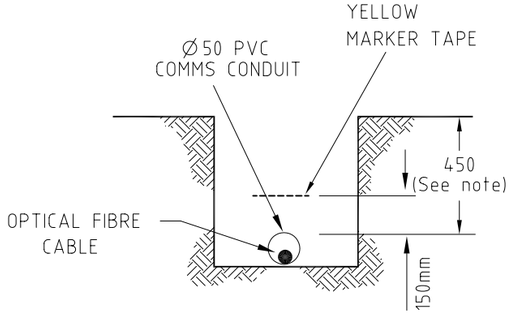
UNDERGROUND OPTICAL FIBRE CABLE RUN TELSTRA MANHOLE TO UE PIT CASTLEREAGH, HUNTER & BLIGH STREETS SYDNEY 2000

DRAWING NUMBER: OFN5/SYD/2050
REV.: -

A3

LEGEND

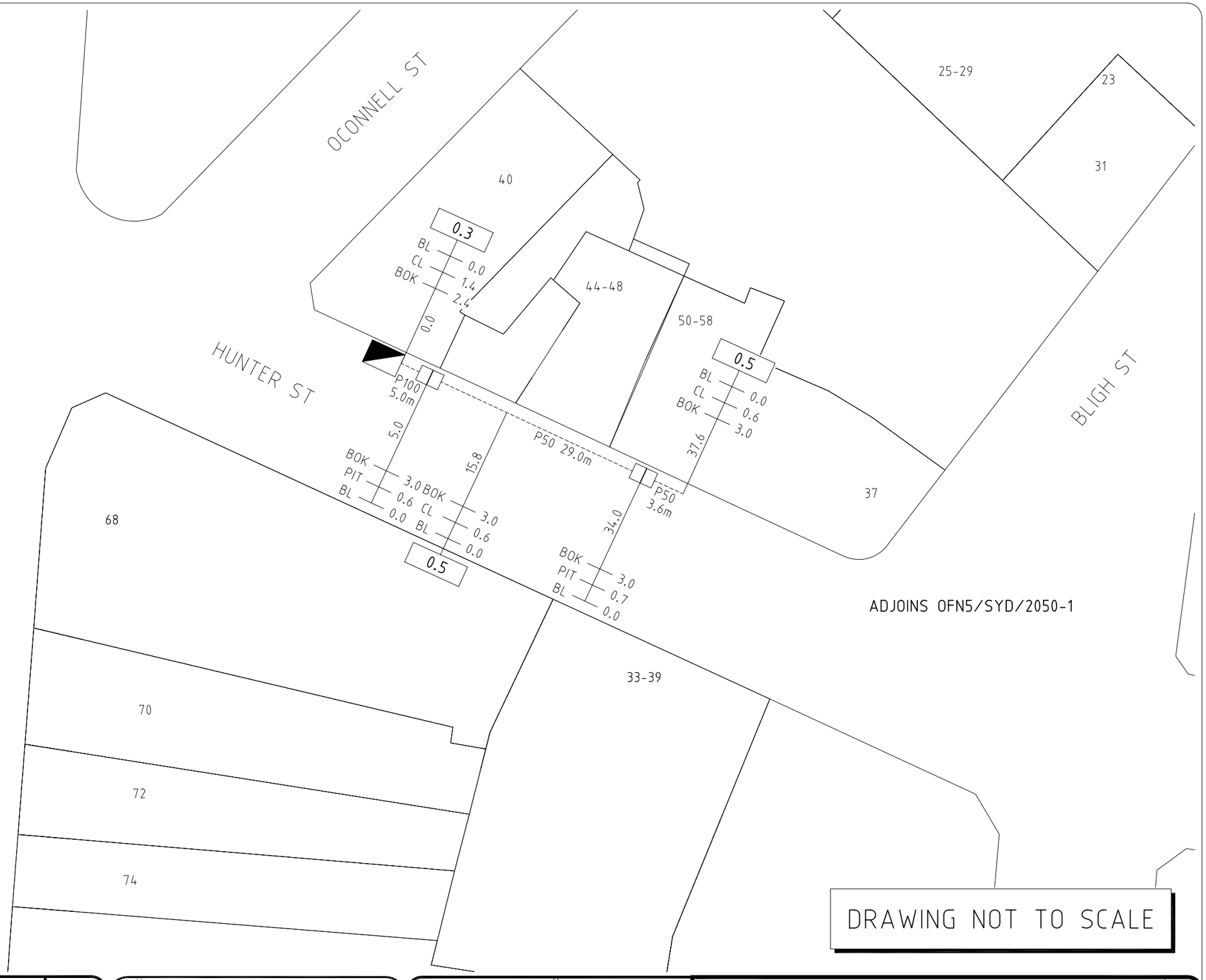
- ELECTRICITY POLE
- O/H FIBRE OPTIC CABLE
- CABLE CONDUIT (TRENCHING)
- CABLE CONDUIT (BORE TUNNELLING)
- UE P2 PIT
- UE P5 PIT
- UE P6 PIT
- UE P8 PIT
- UE P9 PIT
- BL - BUILDING LINE
- BOK - BACK OF KERB
- CL - CENTRELINE OF CONDUIT
- TP - TURNING POINT OF CONDUIT
- FENCE LINE, FL
- TELSTRA MANHOLE
- T - TELSTRA PIT
- OPTICAL FIBRE JOINT
- JOINT LOOP (m) - POLE / UNDERGROUND
- CABLE HEAD POLE
- 0.6m - CABLE DEPTH



TYPICAL SECTION
TRENCH

Note:

1. Conduit depths quoted are approximate only and may change due to unforseen circumstances.
2. In all instances it is recommended that the position of conduits & cables should be proved on site by hand, prior to commencement of works.



ADJOINS OFN5/SYD/2050-1

DRAWING NOT TO SCALE

REVISION					
DATE	REV.	REVISION DESCRIPTION	CHECKED	APP'D.	

CONTACT OFFICER PH:

PROJECT NUMBER ATGDS-138

PLAN No.

SYDWAY / UBD REF / STREET SMART
56-K16 F-G5

G:\System\Uecomm\Uecomm-Brand_COLOUR.jpg

DRAWN DN 02/05/08

DESIGN CHECKED SG 02/05/08

APPROVED

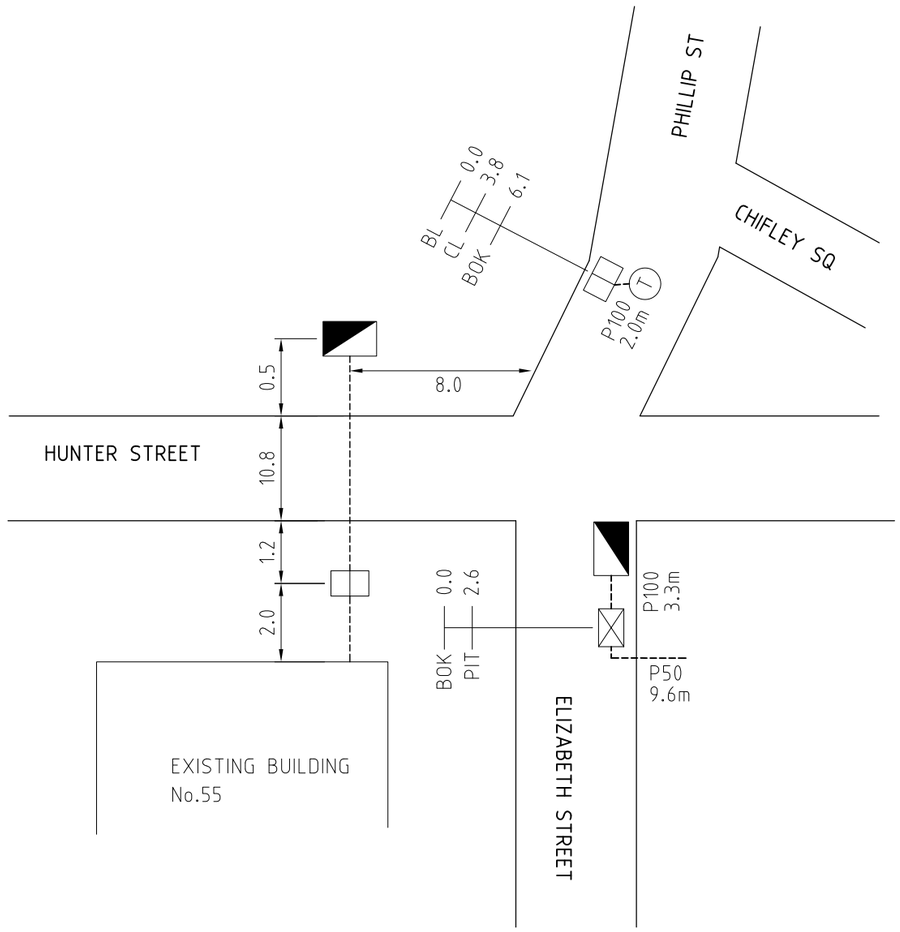
DRG No. OFN5/SYD/2050-2

U/G OPTIC FIBRE CABLE RUN
40-50 HUNTER ST
B/N O'CONNELL & BLIGH STS
SYDNEY NSW 2000

A1

LEGEND

- ○ - ELECTRICITY POLE
- ---------- - FIBRE OPTIC CABLE
- ---------- - CABLE CONDUIT (TRENCHING)
- ▭ - UE P5 PIT
- ▭ - UE P6 PIT
- ⊠ - UE A8 PIT
- B/L - BUILDING LINE
- PIT C/L - PIT CENTER LINE FROM B/L
- BOK - BACK OF KERB
- CO - COVER
- \——\ - FENCE LINE
- ◪ - TELSTRA MANHOLE
- (T) - TELSTRA PIT
- T | T - TELSTRA 6 PIT



NOTE / WARNING:
BEFORE COMMENCING WORK IN THIS AREA PLEASE CONTACT MURRAY BRICE ON MOBILE 0413 449 060 ON BEHALF OF UECOMM

''AS-BUILT'' PLANS

NOTE: - ALL DIMENSIONS ARE SHOWN IN METRES UNLESS NOTED OTHERWISE.

REVISIONS			
	C	NEW PIT & PIPE (QBEMS-149) UPDATE PIT & PIPE DETAILS (STGBS-250)	16.05.15
	B	NEW PIT & PIPE (STGBS-250)	09.09.09
	A	RENUMBERED. WAS BCE-00-0040	12.12.00
	REV	DESCRIPTION	DATE

BCE
Brice Civil Engineering Pty Ltd
A.B.N. 13 087 182 581
P.O. Box 378 Cherrybrook NSW 2126 Ph:(02) 8850 7550 Fax: (02) 8850 7551

Uecomm™
MAKING THE CONNECTION
ACN 079 083 195

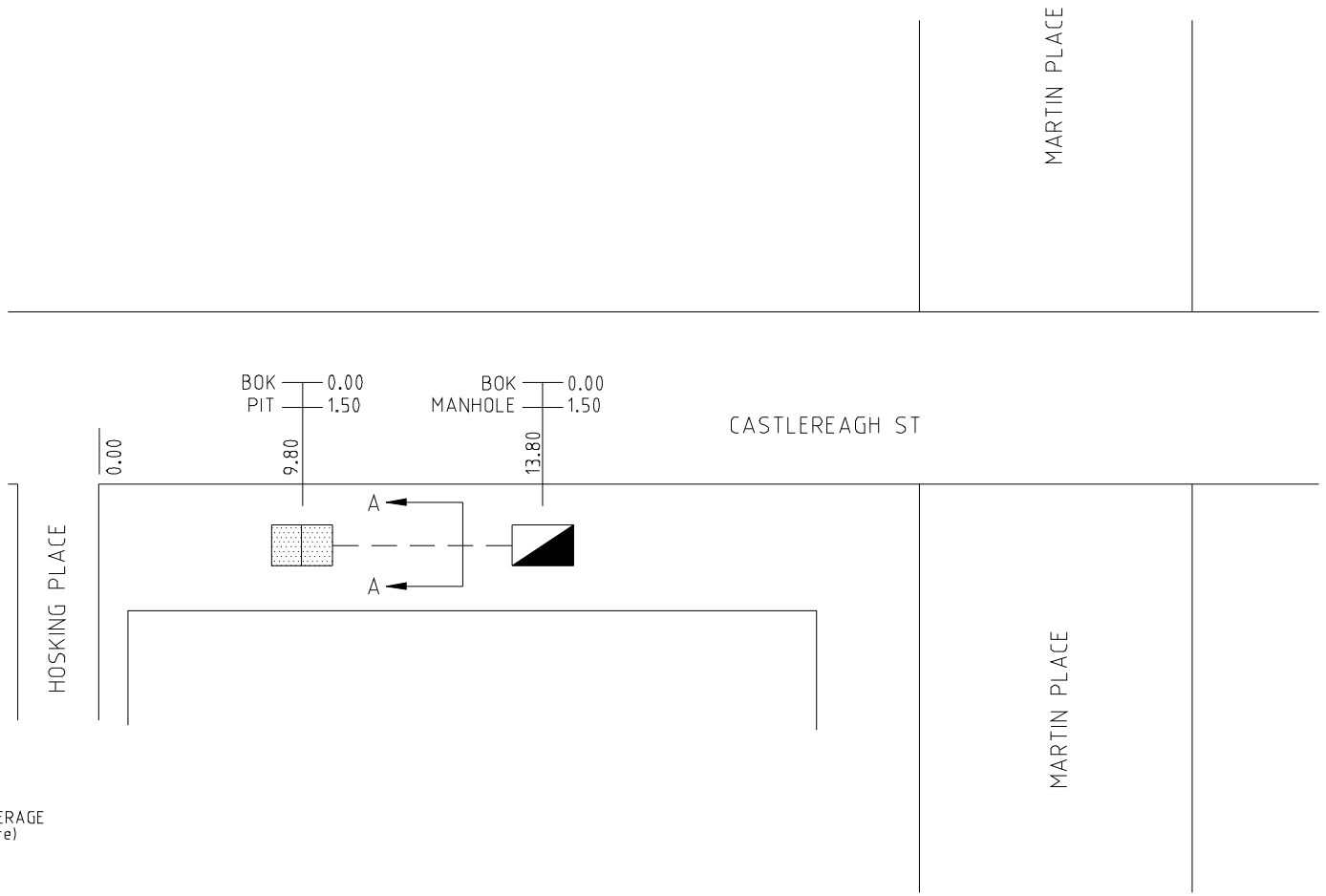
PROJECT:
55 HUNTER STREET
SYDNEY NSW 2000
UBD REF: 236-E8
CONDUIT: 50mm
DEPTH: 0.5 - 0.8m

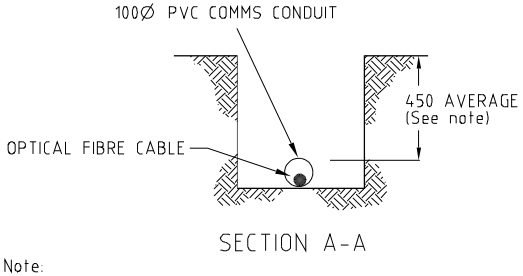
METHOD: DIRECTIONAL BORE AND EXCAVATION		
SCALE: NOT TO SCALE	DRAWN: SSQ P/L	SIZE: A3
DOCUMENT No: OFN5/SYD/2081	DATE: 05.12.00	REVISION: C

PREPARED BY: S & S QUIRK PTY LTD PH:(02) 9487 7724 FAX:(02) 9487 7725, ON BEHALF OF BCE FOR UE COMM.

LEGEND

- ELECTRICITY POLE
- FIBRE OPTIC CABLE
- CABLE CONDUIT
- UE P5 PIT
- UE P6 PIT
- B/L - BUILDING LINE
- BOK - BACK OF KERB
- FENCE LINE
- TELSTRA MANHOLE
- (6) - TELSTRA PIT





SECTION A-A

Note:
Conduit depths quoted are approximate only and may change due to unforseen circumstances.
Excavate by hand until conduit depth is determined.

DRAWING NOT TO SCALE

REVISIONS

Uecomm™ MAKING THE CONNECTION
ACN 079 083 195

SYDNEY
Suite 902, 20 Berry St
North Sydney - 2060

DRAWN G.R.QUIN 15.02.01

APPROVED R.BROWNE 15.02.01

UBD REF. 3-2J

DRG No. OFN5/SYD/2144/1

UNDERGROUND FIBRE OPTICAL CABLES
TELSTRA MANHOLE TO UECOMM 6 PIT
CASTLEREAGH ST & MARTIN PLACE
SYDNEY - 2000

A1

LEGEND

- ELECTRICITY POLE
- FIBRE OPTIC CABLE
- UE P5 PIT
- UE P6 PIT

B/L - BUILDING LINE

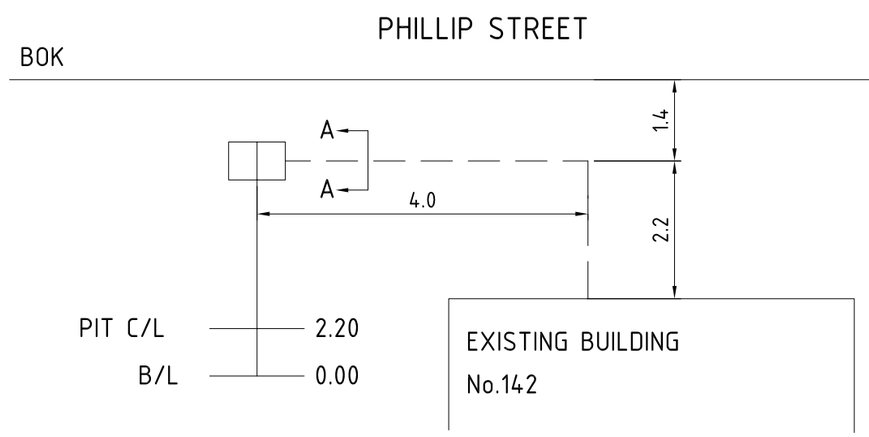
PIT C/L - PIT CENTER LINE FROM B/L

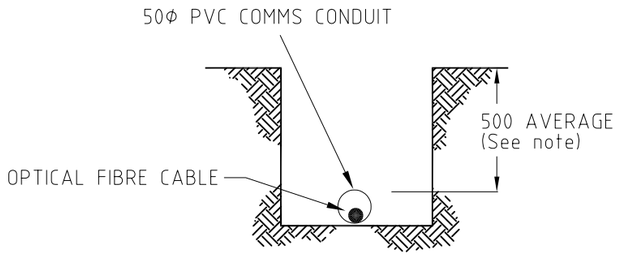
BOK - BACK OF KERB

CO - COVER

- FENCE LINE
- TELSTRA MANHOLE
- TELSTRA PIT
- TELSTRA 6 PIT
- TELSTRA 8 PIT

COM - COMMUNICATION MANHOLE





SECTION A-A

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Excavate by hand until conduit depth is determined.

"AS-BUILT" PLANS

NOTE: - ALL DIMENSIONS ARE SHOWN IN METRES UNLESS NOTED OTHERWISE.

REVISIONS					
	-	RENUMBERED. WAS BCE-01-0082	15.03.01		
	REV	DESCRIPTION	DATE	CHECKED	APPROVED

BCE
Brice Civil Engineering Pty Ltd
A.B.N. 13 087 182 581
P.O. Box 378 Cherrybrook NSW 2126 Ph:(02) 8850 7550 Fax: (02) 8850 7551

Uecomm™ MAKING THE CONNECTION
ACN 079 083 195

APPROVED: R.Browne

UBD REF: 1-K16

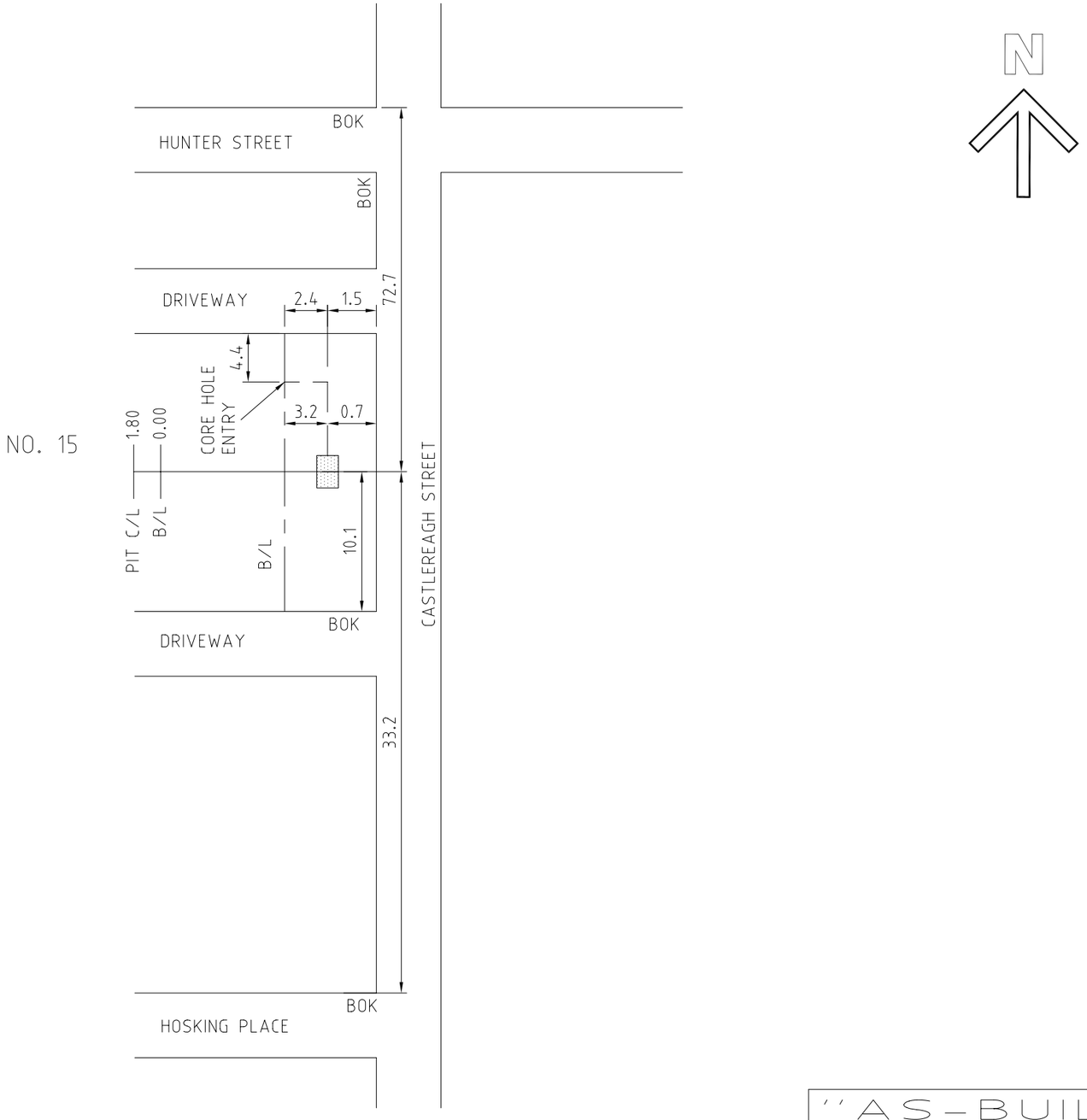
PROJECT:
No. 142
PHILLIP STREET
SYDNEY NSW 2000
CONDUIT: 50mm
DEPTH: 0.5 - 0.6m

METHOD: DIRECTIONAL BORE AND EXCAVATION

SCALE:	DRAWN	SIZE
NOT TO SCALE	SSQ P/L	A3

DOCUMENT No:	DATE:	REVISION:
OFN5/SYD/2178-1	05.03.01	-

PREPARED BY: S & S QUIRK PTY LTD PH:(02) 9482 7944 FAX:(02) 9482 7955, ON BEHALF OF BCE FOR UE COMM.



LEGEND

- ○ - ELECTRICITY POLE
- — — — - FIBRE OPTIC CABLE
- ▨ - UE P5 PIT
- ▨ - UE P6 PIT
- B/L - BUILDING LINE
- PIT C/L - PIT CENTER LINE FROM B/L
- BOK - BACK OF KERB
- CO - COVER
- \——\ - FENCE LINE
- ◢ - TELSTRA MANHOLE
- (T) - TELSTRA PIT
- [T][T] - TELSTRA 6 PIT
- [T][T][T] - TELSTRA 8 PIT
- [COM] - COMMUNICATION MANHOLE

BCE-01-0093

''AS-BUILT'' PLANS

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REVISIONS

REV	DESCRIPTION	DATE	CHECKED	APPROVED
A	INITIAL ISSUE (FOR JERRY)	04.06.01		

BCE
Brice Civil Engineering Pty Ltd
A.B.N. 13 087 182 581
P.O. Box 378 Cherrybrook NSW 2126 Ph:(02) 8850 7550 Fax: (02) 8850 7551

NOTE / WARNING:
BEFORE COMMENCING WORK IN THIS AREA PLEASE CONTACT MURRAY BRICE ON MOBILE 0413 449 060 ON BEHALF OF UE COMM.
UBD F H6

PROJECT:
CASTLEREAGH AND HUNTER STREETS
SYDNEY NSW 2000
CONDUIT: 50mm
DEPTH: 0.5 - 0.6m

METHOD: DIRECTIONAL BORE AND EXCAVATION

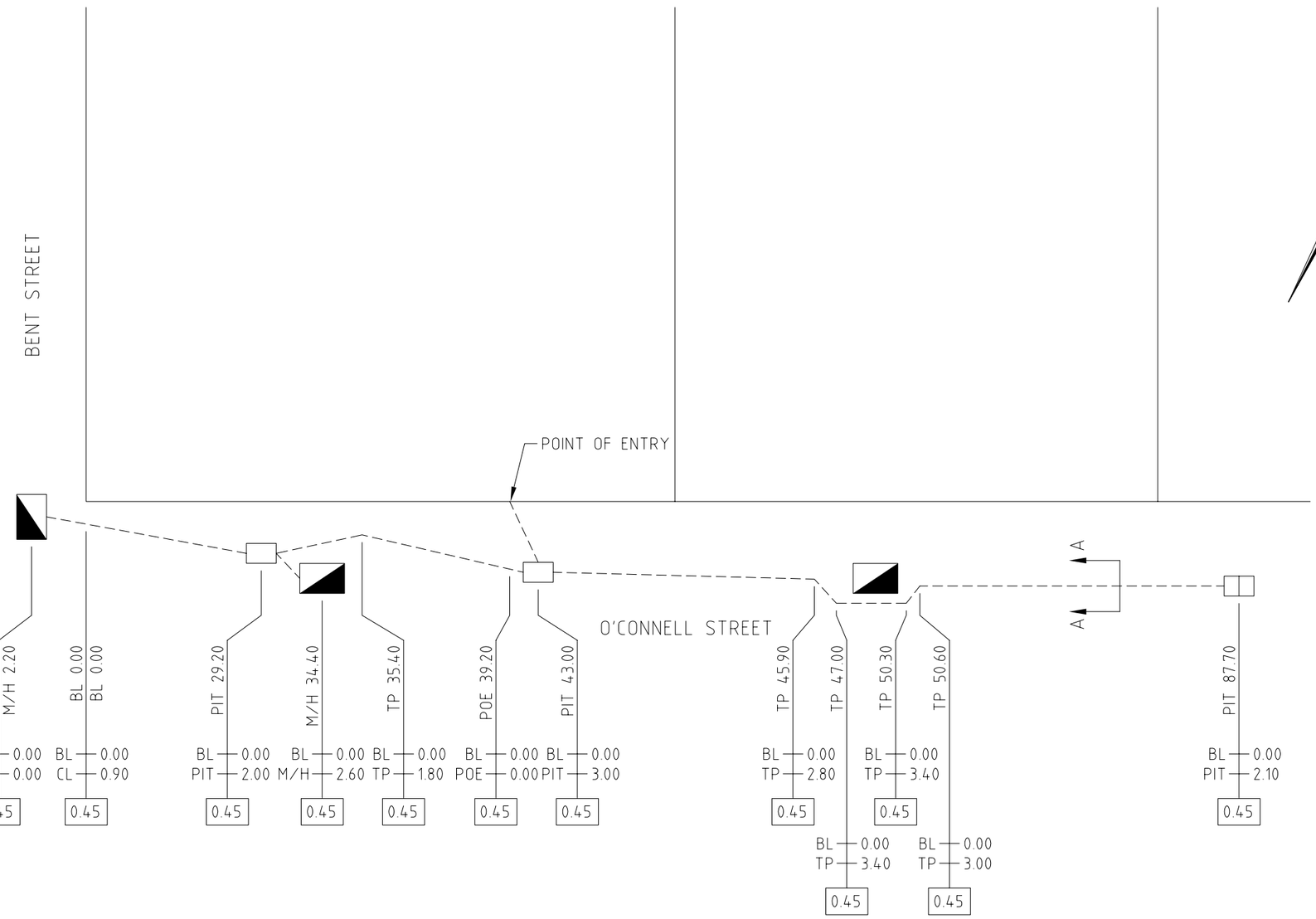
SCALE:	DRAWN	SIZE
NOT TO SCALE	SSQ P/L	A3

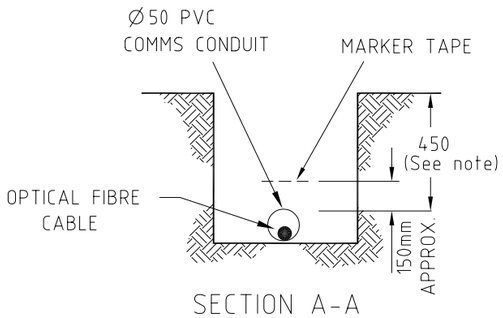
DOCUMENT No:	DATE:	REVISION:
OFN5/SYD/2222-1	04.06.01	A

PREPARED BY: S & S QUIRK PTY LTD PH:(02) 9482 7944 FAX:(02) 9482 7955. ON BEHALF OF BCE FOR UE COMM.

LEGEND

- ○ - ELECTRICITY POLE
- —— - FIBRE OPTIC CABLE
- – – – - CABLE CONDUIT (TRENCHING)
- —– – - CABLE CONDUIT (BORE TUNNELLING)
- ▣ - UE P2 PIT
- □ - UE P5 PIT
- ⊞ - UE P6 PIT
- ⊠ - UE P8 PIT
- ⊟ - UE P9 PIT
- BL - BUILDING LINE
- BOK - BACK OF KERB
- CL - CENTRELINE OF CONDUIT
- TP - TURNING POINT OF CONDUIT
- \——\ - FENCE LINE, FL
- ◪ - TELSTRA MANHOLE
- Ⓣ - TELSTRA PIT
- ▬ - OPTICAL FIBRE JOINT
- ◎ - JOINT LOOP (m) - POLE / UNDERGROUND
- ○▷ - CABLE HEAD POLE
- 0.6m - CABLE DEPTH





SECTION A-A

Note:

1. Conduit depths quoted are approximate only and may change due to unforseen circumstances.
2. In all instances it is recommended that the position of conduits & cables should be proved on site by hand, prior to commencement of works.
3. Marker tape shall be installed at least 150mm above the uppermost surface of all conduits or cables.

DRAWING NOT TO SCALE

REVISION					
08.05.03	-	ISSUED FOR APPROVAL - UE.COMM (A.L.S.)			
DATE	REV.	REVISION DESCRIPTION	CHECKED	APP'D.	

CONTACT OFFICER	Adrian Szentessy PH: (03) 9781 4011
PROJECT NUMBER	UEC-OMTCS 102
PLAN No.	McCOURT DANDO
MELWAY / UBD REF	UBD 236 E8

Uecomm™ MAKING THE CONNECTION
ACN 079 083 195

UECOMM
MEL/SYD/QLD

DRAWN *BAYSIDE (ALS) 01.05.03*
DESIGN CHECKED
APPROVED

DRG No. OFN5/SYD/2305-1 -

U/G OPTICAL FIBRE CABLE RUN
No. 2 O'CONNELL STREET
O'CONNELL STREET & BENT STREET
SYDNEY NSW 2000

A3

Verizon

PLEASE HAND TO ADDRESSEE IMMEDIATELY

The following drawing(s) is/are provided from Verizon records in response to your request to show the approximate location of our infrastructure within the vicinity requested.

Note:

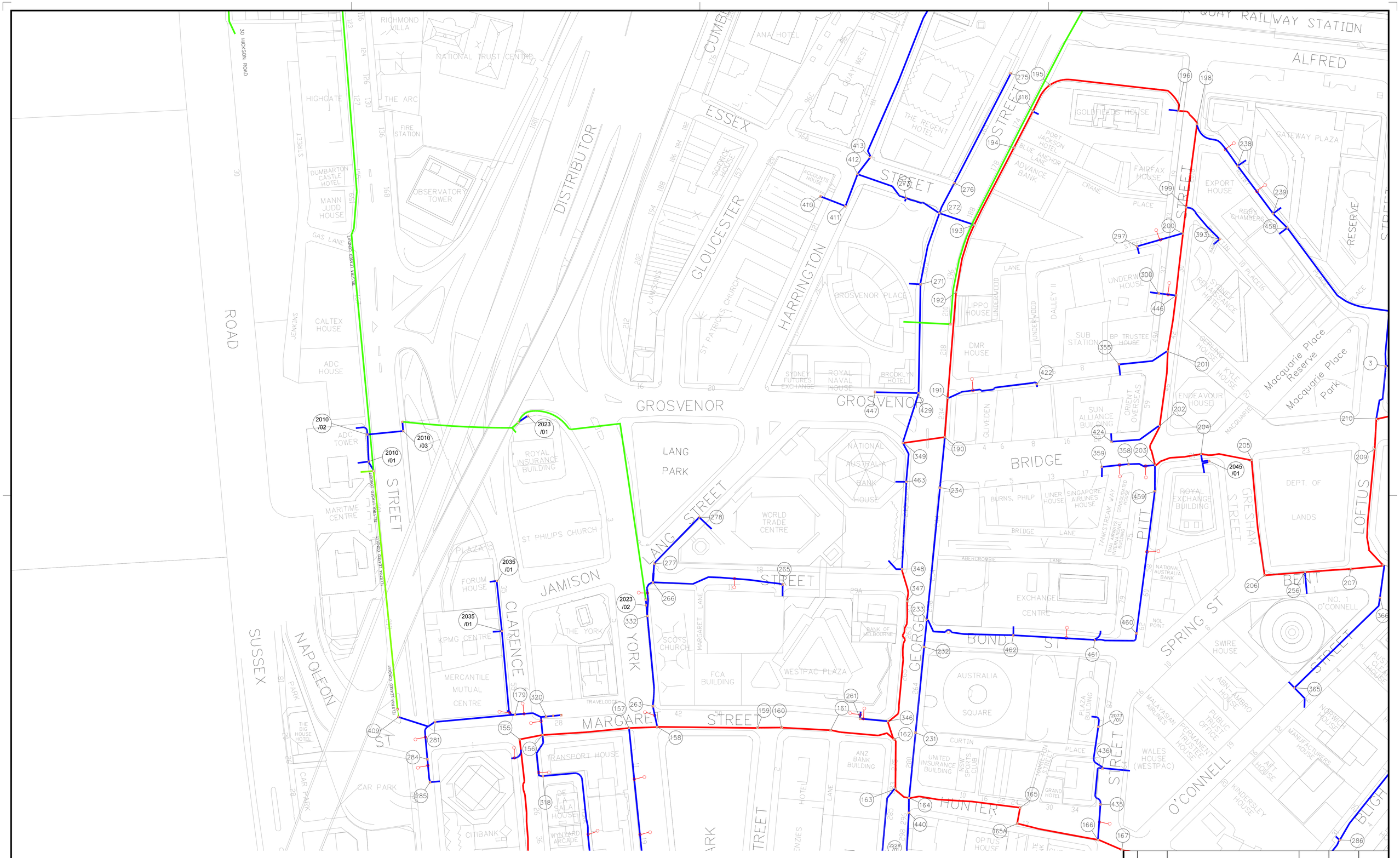
This reply relates only to the location requested and is valid for 30 days from the date of this reply. Where additional works are planned that have not been specified within this request, Verizon require that an additional location request be submitted.

Please Contact a Verizon representative for conformation and/or site visit prior to works commencing. If Verizon infrastructure is not shown on the attached drawing, we request that you still contact us to ensure that works undertaken will not conflict with any future works.

Contacts:	Paul Spear	Direct:	02 8210 3243
	David Bahn	Direct:	02 8210 3015

Warning:

These drawings have been prepared for Verizon's own use and indicate the position of underground optical fibre networks and installations relative to property lines, kerb lines etc. as at the time the infrastructure were installed. Verizon will accept no liability for inaccuracies in the information or lack of information on such drawings for any cause whatsoever arising. Persons excavating or carrying out other earthworks will be held responsible for any damage caused to Verizon's Infrastructure. Verizon also reserves the right to recover compensation for any damages and loss of services.



LEGEND

- VERIZON DUCT
- VERIZON DUCT
- TELSTRA DUCT
- VERIZON PIT
- TELSTRA PIT

REV	DATE(D/M/Y)	DESCRIPTION	DRAWN	CHECKED	APPROVED
C2	14/2/13				
C1	10/2/12				

Do not scale this drawing. Information on this document is proprietary & shall not be used, copied, reproduced or disclosed in whole or in part without written consent of Verizon.

PROJECT
Verizon
SYDNEY CBD NETWORK

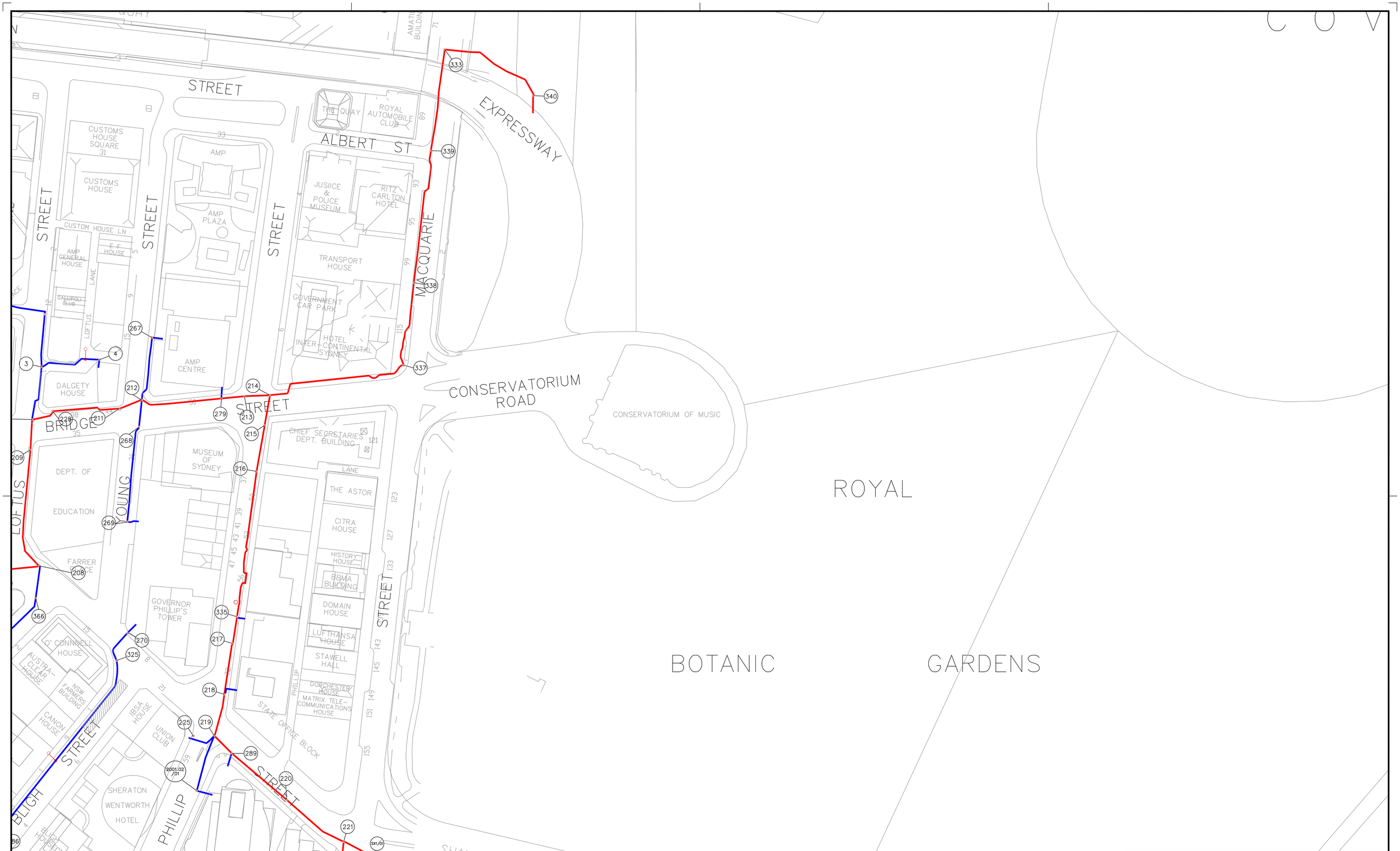
DRAWING TITLE
SYDNEY CBD NETWORK
SHEET 2 OF 16

REVISION
C2

DRAWING NUMBER
VZ

SCALE
N.T.S.

SIZE
A1



LEGEND

- VERIZON DUCT
- VERIZON DUCT
- TELSTRA DUCT
- VERIZON PIT
- TELSTRA PIT

REV	DATE(D/M/Y)	DESCRIPTION	DRAWN	CHECKED	APPROVED
C1	01/3/11				

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PROJECT
Verizon
SYDNEY CBD NETWORK

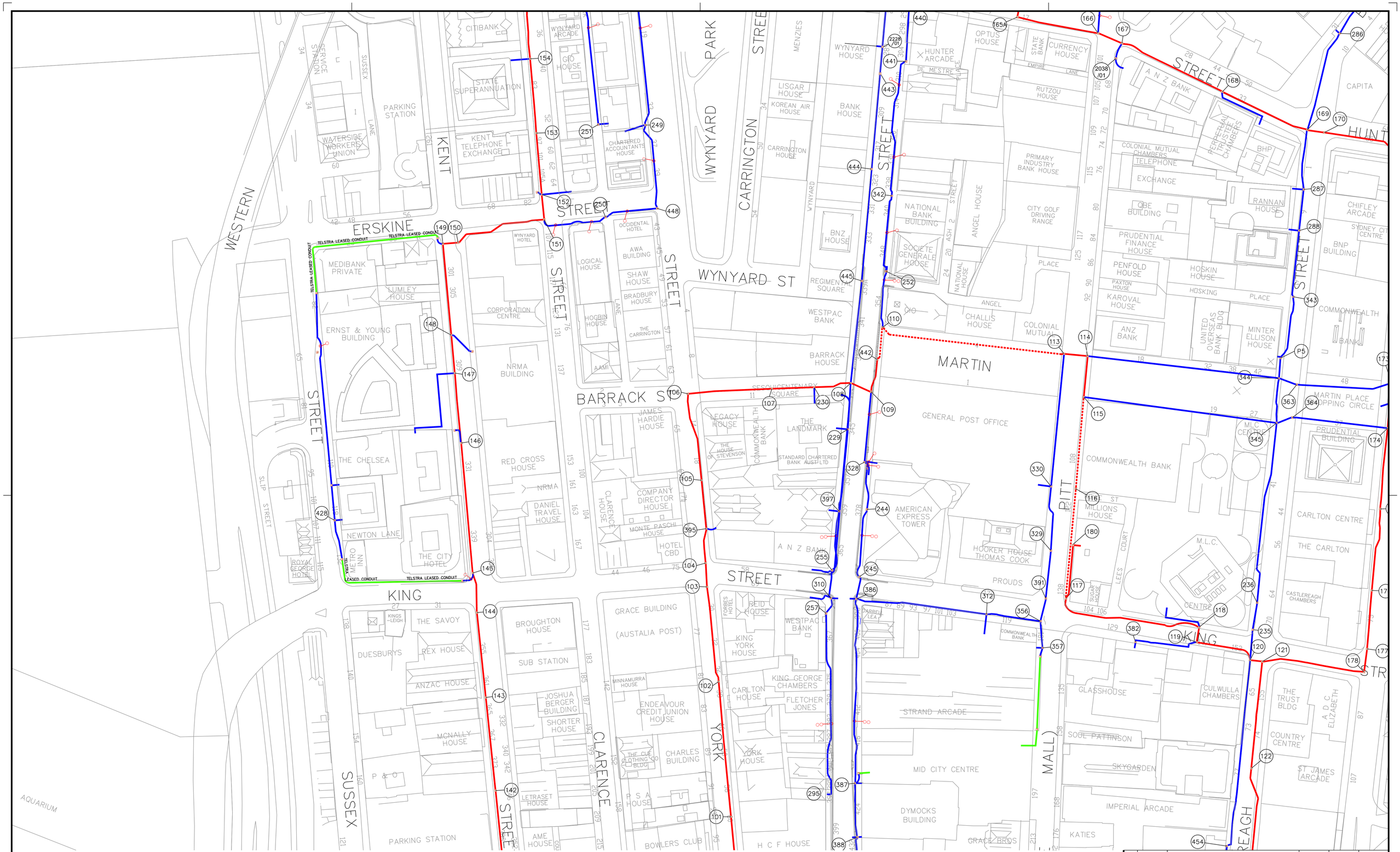
DRAWING TITLE
SYDNEY CBD NETWORK
SHEET 3 OF 16

REVISION
C1

DRAWING NUMBER

SCALE
N.T.S.

SIZE
A1



LEGEND

- VERIZON DUCT
- VERIZON DUCT
- TELSTRA DUCT
- VERIZON PIT
- TELSTRA PIT

REV	DATE(D/M/Y)	DESCRIPTION	DRAWN	CHECKED	APPROVED
C1	08/11/12				

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PROJECT
Verizon
SYDNEY CBD NETWORK

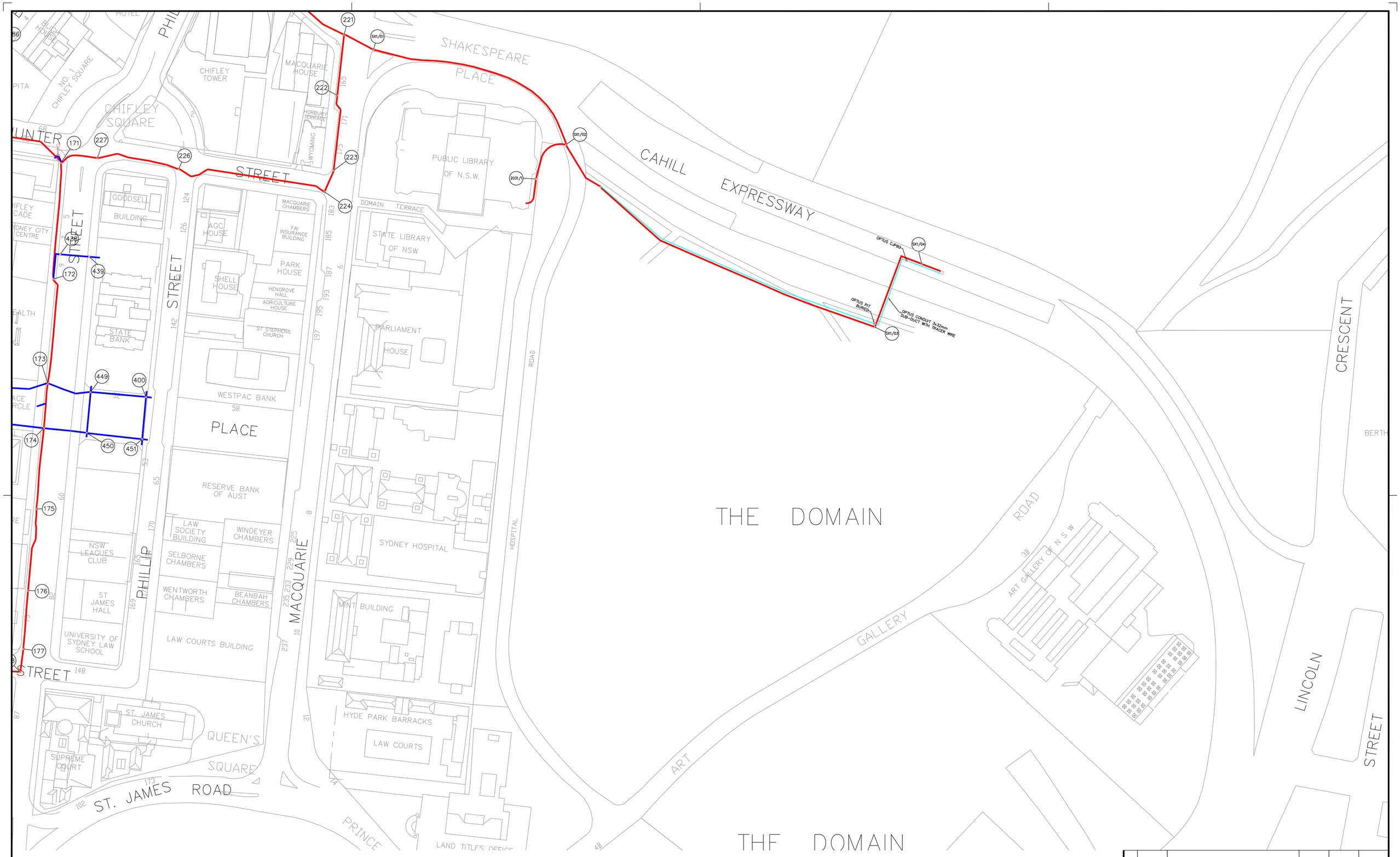
DRAWING TITLE
SYDNEY CBD NETWORK
SHEET 4 OF 16

REVISION
C1

DRAWING NUMBER

SCALE
N.T.S.

SIZE
A1



LEGEND

- VERIZON DUCT
- VERIZON DUCT
- TELSTRA DUCT
- VERIZON PIT
- TELSTRA PIT

REV	DATE(D/M/Y)	DESCRIPTION	DRAWN	CHECKED	APPROVED
C1	01/3/11				

Do not scale this drawing. Information on this document is proprietary & shall not be used, copied, reproduced or disclosed in whole or in part without written consent of Verizon.

PROJECT
Verizon
SYDNEY CBD NETWORK

DRAWING TITLE
SYDNEY CBD NETWORK
SHEET 5 OF 16

REVISION
C1

DRAWING NUMBER

SCALE
N.T.S.

SIZE
A1

Vocus

16/01/2017

Mr Nicholas Rouggos
ARUP
201 Kent Street
Sydney 2000 NSW

Dear Mr Nicholas Rouggos

DIAL BEFORE YOU DIG – JOB: 11738734 **SEQ:** 58207264

Thank you for your request on 16/01/2017 17:01 , regarding the location of telecommunication services. You requested the information for the below area:

Address: Hunter Street
Suburb: Sydney
State: NSW

Additional Information: Not Supplied

YES – We can confirm that the Vocus Group has fibre optic services within the vicinity

Please find attached a copy of the services plan for the location of the works. Please note that these plans have a life of 30 days from the date you requested (above), as future works may affect your enquiry.

IMPORTANT INFORMATION

Drawings and Plans provided by the Vocus Group are reference diagrams which were correct at the time the asset was built. Exact ground cover and alignments cannot be provided with any certainty, as these may alter over time. Depths of Telecommunications plant vary considerably as do alignments. The plans provided are to be used as a guide only. It is essential to uncover / pothole the asset and positively identify the assets exact location.

Please call 1800 262 663 for any general enquiries about the information provided within this response.

Yours sincerely,

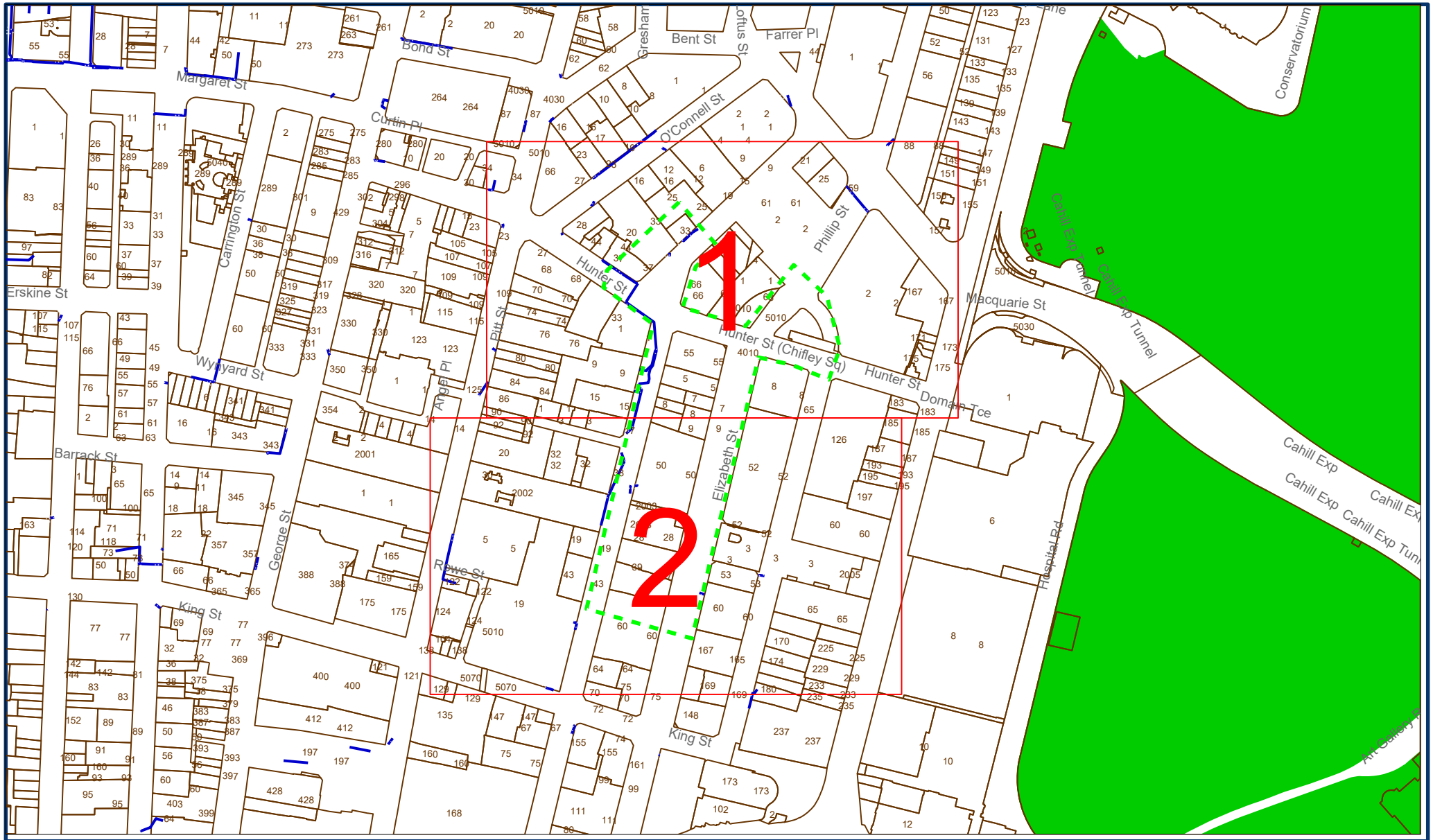
Vocus Group DBYD Team

EMERGENCY CONTACT: 1800 262 663

Vocus House Level 1, 189 Miller Street
North Sydney NSW 2060
T: 1300 88 99 88
E: info@vocus.com.au

The Vocus Group includes related bodies corporate of Vocus Communications Limited ACN 084 115 499

OVERVIEW

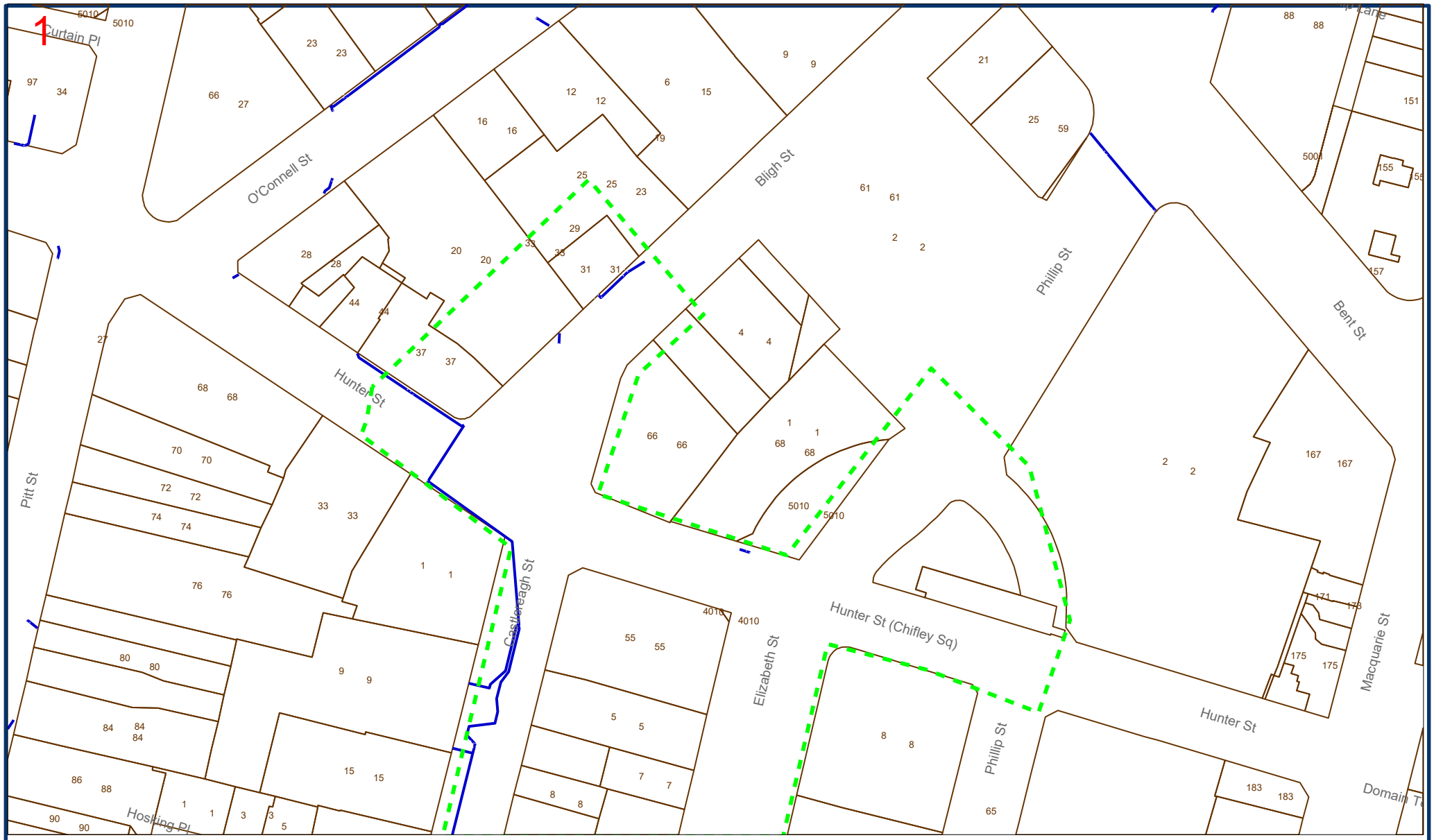


SEQUENCE NUMBER: 58207264
JOB NUMBER: 11738734
ADDRESS: Hunter Street Sydney

SCALE 1:3000

0 0.03km

The Vocus Group includes related bodies corporate of Vocus Communications Limited ACN 084 115 499.



SEQUENCE NUMBER: 58207264
JOB NUMBER: 11738734
ADDRESS: Hunter Street Sydney

SCALE 1:1000

0 0.01km

The Vocus Group includes related bodies corporate of Vocus Communications Limited ACN 084 115 499.

VOCUS communications

N
W E
S

SEQUENCE NUMBER: 58207264
JOB NUMBER: 11738734
ADDRESS: Hunter Street Sydney

SCALE 1:1000

0 0.01km

The Vocus Group includes related bodies corporate of Vocus Communications Limited ACN 084 115 499.

LEGEND

The below legend indicates the different layers within the map.

	Vocus Group Pit
	Vocus Group Conduit
	Telstra Pit
	Telstra Conduit
	Third Party Pit
	Third Party Conduit

DUTY OF CARE

When working in the vicinity of telecommunications plant, you have a legal "Duty of Care" that must be observed. The following points must be considered:

It is the responsibility of the constructor to design for protection and minimal impact of the Vocus Group plant. The Vocus Group will provide free plans showing the presence of its network to assist at the design stage. It is the constructors' responsibility to:

a. Request plans of the Vocus Group plant for a particular location at a reasonable time before construction begins through Dial Before You Dig.
b. Visually locate the Vocus Group plant by vacuum excavation (potholing) where construction activities may damage or interfere with the Vocus Group plant (see "Clearances for work in the vicinity of the Vocus Group Plant" section for more information).
c. Contact the Vocus Group (see below for details) if the Vocus Group plant is wholly or partly located near planned construction activities.

NOTE: Plans are provided free of charge up to 1 Km radius. Larger plans may incur a cost.

DAMAGE

ANY DAMAGE TO VOCUS GROUP NETWORK MUST BE REPORTED TO 1800 262 663 IMMEDIATELY

The constructor is responsible for all plant damage when works commence prior to obtaining the Vocus Group plans, or failure to follow instructions.

The Vocus Group reserves all rights to recover compensation for loss or damage to its cable network or other property including consequential losses.

ASSET RELOCATIONS

You are not permitted to relocate or alter any Vocus Group assets or network under any circumstance.

For all enquiries relating to the relocation of Vocus Group assets please email support@vocus.com.au

ON SITE LOCATION

Region	Onsite Locations Contact	Phone	Mobile	Fax
Sydney	QC Communications	(02) 9620 2407		(08) 9620 1701

The Vocus Group accepts no liability for the information provided to the Constructor by the Locators provided above. Further, the Constructor acknowledges that the Locator is the agent of the Constructor and that the Vocus Group takes no responsibility for the locators' acts or omissions.

If any of the above numbers are uncontactable and your call is urgent, please call the Vocus National Service Desk on 1800 262 663

- For all work within 2.5 metres of nominal location, the Constructor is required to prove the actual location of the plant by potholing and exposing before commencing work.
- Potholing to expose and locate the Vocus Group plant is required before work commences, at least every 3 metres where the Constructors works are parallel to the Vocus Group plant.
- The Constructor is responsible for all plant damages when works commence without the Vocus Group plans or by failure to follow advice and/or instructions from the Vocus Group.

NOTE: No machinery shall be used within 1 metre of the Vocus Group plant until the actual location has been determined by potholing using hand tools.

NOTE: No heavy earth working machinery shall be used within 5 metres of the Vocus Group plant until the actual location has been determined by potholing using hand tools.

CLEARANCES FOR WORK IN THE VICINITY OF VOCUS GROUP PLANT

These figures represent the minimum clear cover to be maintained over the Vocus Group plant. Please note that the actual cover over existing plant might be greater or less than recommended figures. Exact alignment and depths cannot be given with certainty as such levels can change over time.

Footpath and Verge Areas	450mm
Roadways	600mm

These figures represent the minimum clearance between construction and actual location of the Vocus Group plant.

Jackhammers / Pneumatic Breakers	Not within 2.5 metres of actual location
Vibrating plate or Wacker Packer compactors	Not within 500mm of actual location
Heavy Vehicle Traffic	Not to be driven across Vocus Group plant with less than 600mm cover. The constructor is to check the depth by potholing using hand tools.
Mechanical Excavators	Not within 1 metre of actual location. The constructor is to pothole and expose plant using hand tools.
Boring Equipment (in-line, horizontal and vertical)	Not within 2.5 metres of actual location. The constructor is to pothole and expose plant.

Access to the Vocus Group pits must remain accessible and at ground level at all times.

Any information provided is valid only for 30 days from the date of issue of this document. If the work operations extend beyond this period, or if the designs are altered in any way, you are requested to re-submit your proposal for re-assessment by contact Dial Before You Dig.

Phone 1100 or check the website for more details http://www.1100.com.au.

RESOLUTION OF POINTS OF CONFLICT

Should plant location and potholing reveal points of conflict between the Constructors planned works and the existing Vocus Group plant, the constructor should contact the Vocus Group for advice and to discuss possible solutions. The contact details are;

Fibre Operations

Phone: 1800 262 663
Email: support@vocus.com.au

Or Urgent enquiries after business hours contact 1800 262 663

Where relocation or protection of Vocus Group plant is part of an agreed solution, the costs of these works will be the responsibility of the Constructor. The Vocus Group will provide an estimated cost for works. Work by the Vocus Group will not commence until a Purchase Order is received.

ASSESSMENT OF RISK AND PROTECTIVE ACTIONS

Where protective works are required around existing Vocus Group plant, the details will be worked out on a case by case basis. Protective works are the responsibility of the Constructor.

Schedule The Criminal Code
Chapter 10 National infrastructure
Part 10.6 Telecommunications Services
Division 474 Telecommunications offences

474.6 Interference with facilities

(1) A person is guilty of an offence if the person tampers with, or interferes with, a facility owned or operated by:

(a) a carrier; or
(b) a carriage service provider; or
(c) a nominated carrier.

Penalty: Imprisonment for 1 year.

(2) For the purposes of an offence against subsection (1), absolute liability applies to the physical element of circumstance of the offence, that the facility is owned or operated by a carrier, a carriage service provider or a nominated carrier.

(3) A person is guilty of an offence if:

(a) the person tampers with, or interferes with, a facility owned or operated by:

(i) a carrier; or
(ii) a carriage service provider; or
(iii) a nominated carrier; and

(b) this conduct results in hindering the normal operation of a carriage service supplied by a carriage service provider.

Penalty: Imprisonment for 2 years.

(4) For the purposes of an offence against subsection (3), absolute liability applies to the following physical elements of circumstance of the offence:

(a) that the facility is owned or operated by a carrier, a carriage service provider or a nominated carrier;

(b) that the carriage service is supplied by a carriage service provider.

(5) A person is guilty of an offence if:

(a) the person uses or operates any apparatus or device (whether or not it is comprised in, connected to or used in connection with a telecommunications network); and

(b) this conduct results in hindering the normal operation of a carriage service supplied by a carriage service provider.

Penalty: Imprisonment for 2 years.

The Vocus Group includes related bodies corporate of Vocus Communications Limited ACN 084 115 499.

Appendix B: Combined Services Plan

LEGEND

- BH BOREHOLE
- TREE TRUNK
- TREE FOLIAGE
- STREET SIGN

ELECTRIC
- ELEC CABLE JUNCTION BOX
- EC ELEC CABLE MARKER
- ELEC PILLAR
- EMH CABLE MANHOLE
- ELEC POLE LIGHT
- EP ELEC POWER POLE
- LIGHT POLE
- EJB ELEC JUNCTION BOX
- EMH CABLE MANHOLE

GAS
- HP GAS MARKER
- GAS TEST POINT
- GAS VALVE BOX

WATER
- FIRE HYDRANT
- WH HYDRANT
- STOP VALVE
- WATER TAP

SEWER
- SLH SEWER LAMPHOLE COVER
- SEWER MANHOLE

STORMWATER
- GULLY PIT
- DRAINAGE JUNCTION MANHOLE

COMMUNICATION
- TDP TELEPHONE DISTRIBUTION PILLAR
- OFP FIBER OPTIC PIT
- TELEPHONE PIT
- TWIN TELEPHONE PIT
- OJB OPTICAL FIBER JUNCTION BOX

TRAFFIC
- TRAFFIC LIGHTS
- TSC TRAFFIC SIGNAL JUNCTION BOX
- TRAFFIC SIGNAL CONTROLLER
- TRAFFIC CONTROL SIGNAL

MISCELLANEOUS
- ? UNKNOWN SERVICE
- GAT GATIC LID
- PARKING METER
- BIN RUBBISH BIN
- GATE
- MAIL BOX
- BH BUS SHELTER
- TX TELEPHONE BOX
- VC VEHICLE CROSSING
- PR PRAM CROSSING

GROUND LEVELS CONTAINED IN Aerial Mapping Edited-MartinPL-Spot Heights.DWG

NOTES

1.0 ELECTRONIC FILE IS PROVIDED WITHOUT WARRANTY AND SHOULD BE USED ONLY IN CONJUNCTION WITH THE SUPPLIED PDF/PAPER COPY OF THIS PLAN.

2.0 BOUNDARIES
THE POSITION OF THE BOUNDARIES ON THE PLAN AND WITHIN THE CAD FILE ARE DERIVED FROM SURVEY ACCURATE CADASTRAL MODELING UNDERTAKEN BY RPS (APRIL 2015) AND BASED ON THE NSW LPI DIGITAL CADASTRAL DATABASE. NO FIELD INVESTIGATIONS HAVE BEEN CARRIED OUT TO CONFIRM THE LOCATION OR DIMENSIONS OF THE MODELING INVESTIGATION.

3.0 LEVELS ARE ON AUSTRALIAN HEIGHT DATUM (AHD) BASED ON THE PROJECT PRIMARY CONTROL TRAVERSE. USING PM 147421 WITH RL OF 28.993m LOCATED AT THE INTERSECTION MARTIN PLACE AND MACQUARIE ST.

4.0 ORIGIN OF CO-ORDINATES PM 147421 WITH MGA CO-ORDINATE VALUES OF
E: 334538.448 N: 6251046.400

5.0 TOPOGRAPHIC DETAIL SURVEY AND MAPPING HAS BEEN CARRIED OUT BY A COMBINATION OF PHOTOGRAMMETRY AND TRADITIONAL FIELD SURVEY AND ARE ACCURATE TO ± 0.05m.

6.0 SERVICES

SURFACE INDICATORS (MANHOLES, PITS, ETC) HAVE BEEN LOCATED WHERE VISIBLE AND ACCESSIBLE EITHER BY FIELD SURVEY OR PHOTOGRAMMETRIC MAPPING. AT THE TIME OF SURVEY, SOME SERVICE INDICATORS WERE INACCESSIBLE DUE TO PARKED CARS OR VEHICULAR TRAFFIC. IN THOSE OCCURANCES, INDICATORS HAVE BEEN LOCATED BY DIGITISING FROM DBYD AS SHOWN ON THE PLAN. THE POSITION OF UNDERGROUND SURFACE INFRASTRUCTURE SHOWN WITHIN THE DRAWING FILE DELIVERABLES HAS BEEN UNDERTAKEN FROM INTERPRETATION OF DBYD DRAWINGS (REQUEST MADE - **21/04/2015**). THE EXISTENCE AND EXACT EXTENT HAS NOT BEEN CONFIRMED BY FIELD INVESTIGATION. THE POSITION AND ATTRIBUTES ARE APPROXIMATE.

SERVICES CONNECTING SURFACE INDICATORS LOCATED BY FIELD SURVEY ARE PLOTTED TO QUALITY LEVEL C
- GAS MAIN
- ELECTRICITY
- OPTIC FIBRE
- COMMUNICATIONS
- SEWER MAIN
- TRAFFIC CONTROL SIGNALS
- WATER MAIN

SERVICES DIGITISED FROM DBYD PLANS SHOWN BY PINK COLOURED LINES ARE PLOTTED TO QUALITY LEVEL D
- GAS MAIN
- ELECTRICITY
- OPTIC FIBRE
- COMMUNICATIONS
- SEWER MAIN
- TRAFFIC CONTROL SIGNALS
- WATER MAIN
- ELECTRICITY SUBSTATION OR UNDERGROUND CHAMBER DIGITISED

QUALITY LEVELS BY AUSTRALIAN STANDARD
QUALITY LEVEL CLASSIFICATIONS REFLECT THE PRECISION AND ACCURACY OF UTILITY LOCATION AND ATTRIBUTE INFORMATION PURSUANT TO AS5488-2013, CLASSIFICATION OF SUBSURFACE UTILITY INFORMATION. THERE ARE 4 QUALITY LEVELS:

QUALITY LEVEL D - IS THE LOWEST OF THE FOUR QUALITY LEVELS. THE ATTRIBUTE INFORMATION AND METADATA FOR THE SUBSURFACE UTILITY WAS COMPILED FROM ANY OR A COMBINATION OF EXISTING RECORDS, CURSORY SITE INSPECTION AND ANECDOTAL EVIDENCE. D LEVEL INFORMATION DOES NOT INCLUDE ANY FIELD VERIFICATION INVOLVING DIRECT MEASUREMENT AND CAN ONLY BE CONSIDERED TO BE A BROAD INDICATION OF THE LOCATION AND TYPE OF UTILITY. TYPICALLY INDICATES THAT RECORDS SHOW AN ASSET IS PRESENT IN THE VICINITY BUT NO FIELD VERIFICATION OF SURFACE OR OTHER FEATURES WAS POSSIBLE WHATSOEVER BY GROUND SURVEY OR GEOPHYSICAL METHODS.

QUALITY LEVEL C - IS A SURFACE FEATURE CORRELATION OR AN INTERPRETATION OF THE APPROXIMATE LOCATION AND ATTRIBUTES OF A SUBSURFACE UTILITY ASSET USING A COMBINATION OF EXISTING RECORDS (AND/OR ANECDOTAL EVIDENCE) AND A SITE SURVEY OF VISIBLE EVIDENCE. THE MINIMUM REQUIREMENT FOR QUALITY LEVEL C IS RELATIVE SPATIAL POSITION. QUALITY LEVEL C INFORMATION IS COMPILED FROM FIELD OBSERVATIONS AND/OR SURVEY OF SURFACE FEATURES INDICATING THAT A UTILITY OF UNCONFIRMED ATTRIBUTES MAY RESIDE IN THE PROXIMITY. THIS CAN INCLUDE THE USE OF GEOPHYSICAL DETECTION METHODS FOR APPROXIMATE HORIZONTAL AND VERTICAL LOCATION. IT DOES NOT INDICATE THE LOCATION OF THE SUBSURFACE UTILITY WITH RESPECT TO THE SURFACE FEATURE (E.G. A SUBSURFACE UTILITY LINE MAY BE OFFSET FROM THE POSITION OF THE SURFACE FEATURE AND IS NOT NECESSARILY DIRECTLY BELOW IT), NOR ITS DEPTH TO ANY DEFINED ACCURACY.

QUALITY LEVEL B - PROVIDES RELATIVE SUBSURFACE FEATURE LOCATION IN THREE DIMENSIONS OR RELATIVE SPATIAL POSITION, OBTAINED BY USE OF GEOPHYSICAL DETECTION METHODS THAT HAVE A TRACE COMPONENT. THE LOCATION OF SUBSURFACE FEATURES CLASSED AS LEVEL B ARE MEASURED IN TERMS OF RELATIVE SPATIAL POSITIONING WITH A MAXIMUM HORIZONTAL TOLERANCE OF ±300MM AND A MAXIMUM VERTICAL TOLERANCE OF ±500MM. QUALITY B INFORMATION IS COMPILED USING ELECTRONIC DETECTION, BUT THIS IS ONLY AN INDICATION OF THE EXISTENCE OF SUBSURFACE UTILITIES AND DOES NOT VALIDATE THE UTILITY SUBSURFACE LOCATION OR ATTRIBUTES. ELECTRONIC DETECTION CANNOT GUARANTEE ACCURATE DEPTH INFORMATION DUE TO THE POTENTIAL FOR INTERFERENCE FROM OTHER ADJACENT SERVICES OR ADVERSE GEO-PHYSICAL CONDITIONS.

QUALITY LEVEL A - IS THE HIGHEST QUALITY LEVEL AND CONSISTS OF THE POSITIVE IDENTIFICATION OF THE ATTRIBUTE AND LOCATION OF A SUBSURFACE UTILITY AT A POINT TO AN ABSOLUTE SPATIAL POSITION IN THREE DIMENSIONS.IT IS THE ONLY QUALITY LEVEL THAT DEFINES A SUBSURFACE UTILITY AS "VALIDATED". WHERE THE WHOLE LINE SEGMENT CANNOT BE VERIFIED BY LINE OF SIGHT, QUALITY A SHALL NOT BE ATTRIBUTED TO THE LINES SEGMENT BETWEEN VALIDATED POINTS. QUALITY LEVEL A WILL NORMALLY INVOLVE THE PHYSICAL EXPOSURE OF THE REQUIRED ASSETS. QUALITY LEVEL A HOWEVER MAY NOT IDENTIFY THE INTERNAL STRUCTURE OF CONTENT OF THE ASSET I.E. REDUNDANT CONDUITS AND PIPES MAY HAVE BEEN USED BY ANOTHER UTILITY OWNER E.G. FIBRE OPTIC IN OLD TELECOMMUNICATIONS CONDUITS.

ADDITIONAL NOTES ON COMMUNICATIONS SERVICES

AAPT & PIPENET WORKS
ALL CONDUITS SHOWN IN APPROXIMATE POSITION. NO ACCURATE DATA.

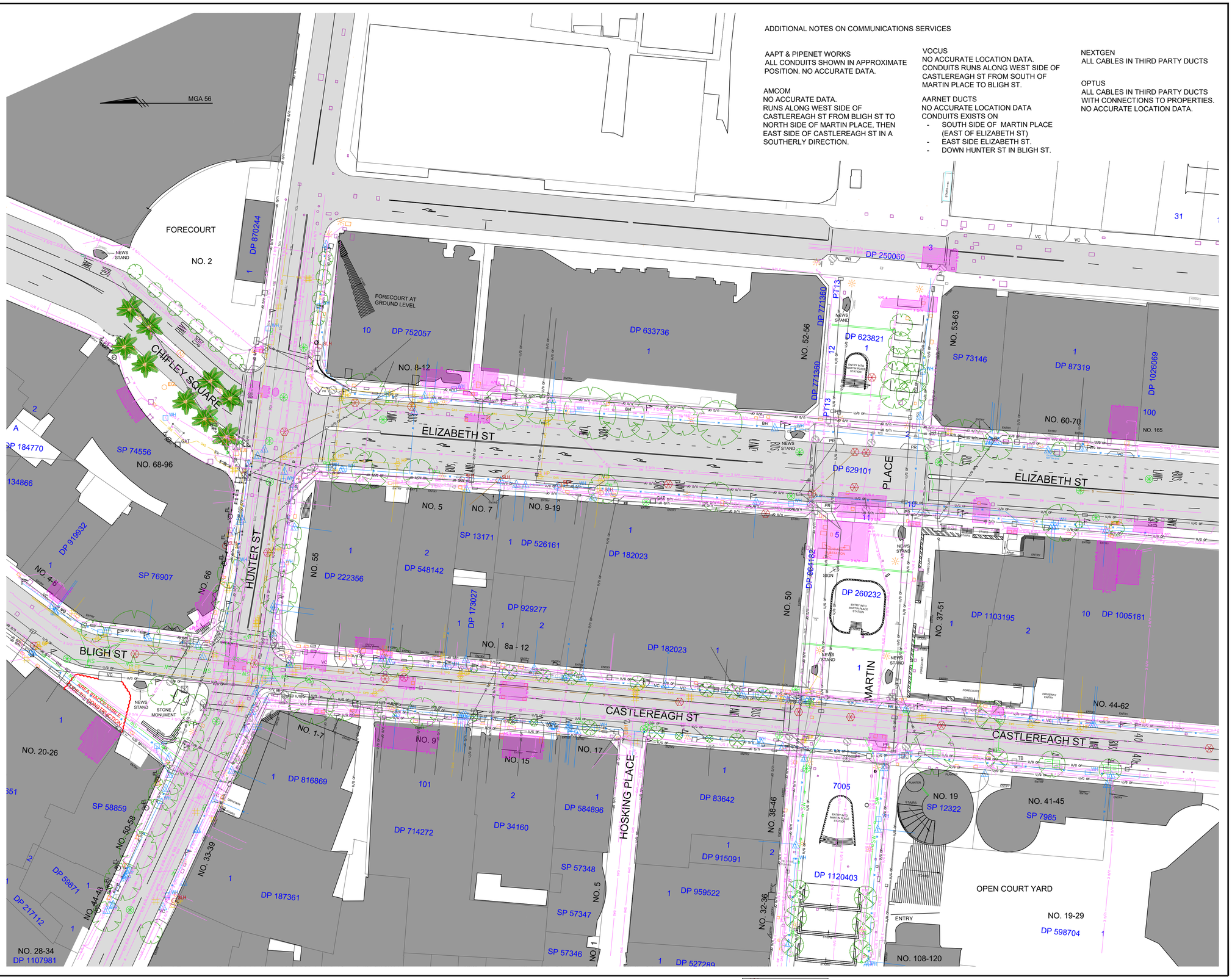
AMCOM
NO ACCURATE DATA.
RUNS ALONG WEST SIDE OF CASTLEREAGH ST FROM BLIGH ST TO NORTH SIDE OF MARTIN PLACE, THEN EAST SIDE OF CASTLEREAGH ST IN A SOUTHERLY DIRECTION.

VOCUS
NO ACCURATE LOCATION DATA.
CONDUITS RUNS ALONG WEST SIDE OF CASTLEREAGH ST FROM SOUTH OF MARTIN PLACE TO BLIGH ST.

AARNET DUCTS
NO ACCURATE LOCATION DATA
CONDUITS EXISTS ON
- SOUTH SIDE OF MARTIN PLACE (EAST OF ELIZABETH ST)
- EAST SIDE ELIZABETH ST.
- DOWN HUNTER ST IN BLIGH ST.

NEXTGEN
ALL CABLES IN THIRD PARTY DUCTS

OPTUS
ALL CABLES IN THIRD PARTY DUCTS WITH CONNECTIONS TO PROPERTIES.
NO ACCURATE LOCATION DATA.



REVISIONS					
B	11.02.2016	ADDITIONAL SURVEY COMPLETE. SERVICES ROUTES ADDED.			
A	25.01.2016	INITIAL VERSION - POSITION OF UNDERGROUND SERVICES ROUTES TO BE REVIEWED AND SUPPLIED IN NEXT PLAN REVISION	ZHY	JC	ADP

No.	DATE	REVISION DETAILS	DRAWN	CHK	APP

HORIZ. SCALE: 1:500
VERT. SCALE: N/A @ A1
COORDINATES: MGA
DATUM: AHD
ORIGIN: PM147421
ORIGIN: PM147421
10 5 0 10 20 30
SCALE IN METRES AT ORIGINAL REDUCTION RATIO

NOTES

CLIENT: NSW GOVERNMENT Transport for NSW

SURVEY:	JC	DATE OF SURVEY	04.01.2016
DRAWN:	ZHY	DATE OF PLAN:	25.01.2016
CHECKED:	JC	DATE LAST SAVED:	22.02.2016
APPROVED:	ADP	DATE APPROVED:	25.01.2016

TITLE
SYDNEY METRO CITY AND SOUTH WEST
Topographic Detail Survey - Martin Place Station

DRAWING No PR124856-27-Martin Place STN-B.dwg

JOB No PR124856

ISSUE B

SHEET 1 OF 1 SHEETS

SIZE A1

www.dialbeforeyoudig.com.au DIAL 1100 BEFORE YOU DIG

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RPS AUSTRALIA EAST PTY LTD (ABN 44 140 292 762)
LEVEL 9 17 YORK STREET SYDNEY NSW 2000 GPO BOX 4401 SYDNEY NSW 2001
T: 02 9248 9800 F: 02 9248 9810 www.rpsgroup.com.au

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REPRODUCTION IN COLOUR ONLY.

creativepeople making a difference

RPS

P:\PR124856 - SRT\27_Station Surveys\04_ACAD\PR124856-27-Martin Place STN-B.dwg 22.02.2016 3:05 PM

NOTE ON AS 5488-2013 CLASSIFICATION OF SUBSURFACE UTILITY INVESTIGATION (SUI)

Quality Levels
This Standard provides a framework for the classification of subsurface utility location and attributed information in terms of specified quality levels. The objective of this Standard is to provide utility owners, operators and locators with a framework for the consistent classification of information concerning subsurface utilities. Project risks related to underground utilities can then be properly managed.
A quality level describes the amount and accuracy of information that is collected or held on a subsurface utility.
There are four quality levels: D, C, B and A
Quality Level D (QL-D) is the lowest of these four quality levels. The attribute information and metadata of a subsurface utility can be compiled from any, or a combination of, the following:
(a) Existing records;
(b) Cursory site inspection;
(c) Anecdotal evidence

Quality Level C (QL-C) is described as a surface feature correlation or an interpretation of the approximate location and attributes of a subsurface utility asset using a combination of existing records (and/or anecdotal evidence) and a site survey of visible evidence. The minimum requirement for Quality Level C is relative spatial position. Information is collected by correlating the survey of visible utility surface features such as marker plates or water hydrants and acquired dial-before-you-dig plans to "draw" a string which shows the approximate position of services.
Quality Level B (QL-B) provides relative subsurface feature location in three dimensions. The minimum requirement for Quality Level B is relative spatial position. Information is collected by designating the horizontal and vertical location of underground utilities by using electromagnetic pipe and cable locators, sondes or flexi-trace, ground penetrating radar and acoustic pulse equipment.
Quality Level A (QL-A) is the highest quality level and consists of the positive identification of the attribute and location of a subsurface utility at a point to an absolute spatial position in three dimensions. It is the only quality level that defines a subsurface utility as 'validated'. Where the whole line segment cannot be verified by line of sight, quality level A shall not be attributed to the line segment between validated points. The vertical information for this locating method is to the top or shallowest part of the located service.

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(J) RIGHT OF WAY 1 WIDE - V75456
(K) EASEMENT FOR ELECTRICITY PURPOSES OVER EXISTING C02-0.03 DRAIN PIPE - V75456
(L) EASEMENT FOR ELECTRICITY PURPOSES VARIABLE WIDTH - V75456
(M) EASEMENT FOR ELECTRICITY PURPOSES OVER EXISTING PIT & LINE OF DUCTS - V75456
(X) EASEMENT FOR RAILWAY TRANSIT SHOWN ON DP577984 (VIDE GAZ 21 FOL.592 13-2-76
(Y) EASEMENT FOR RAILWAY PURPOSES VIDE F822764
(Z) EASEMENT FOR RAILWAY PURPOSES VIDE F606224

NOTES:

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10. ALL UTILITIES NEED TO BE POTHOLED TO VERIFY LOCATION AND DEPTH IS CORRECT.
11. FOR REASONS OF PLAN PRESENTATION, NOT ALL OF THE INFORMATION CAN BE SHOWN ON THIS PLAN. REFER TO ACCOMPANYING DIGITAL DATA FOR ALL SURVEY INFORMATION AND ATTRIBUTES.
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13. CONTOUR INTERVAL, MAJOR 1m, MINOR 0.5m.

BOUNDARY NOTES

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LOT 5 DP984182 AND PART MARTIN PLACE RESERVED FOR PUBLIC RECREATION (R88056) ARE SUBJECT TO A PLAN OF ACQUISITION FOR LEASE PURPOSES (DP1236844).

REVISIONS					
A	03.11.2017	INITIAL VERSION	K.S.	C.M.	S.F.G.
No.	DATE	REVISION DETAILS	DRAWN	CHK	APP

HORIZ. SCALE: 1:100 | VERT. SCALE: N/A @ A0
COORDINATES: MGA | DATUM: AHD
ORIGIN: SCIMS | ORIGIN: SCIMS
SCALE IN METRES AT ORIGINAL REDUCTION RATIO

NOTES

CLIENT: Sydney Metro city & southwest
SURVEY: L.C. DATE OF SURVEY: 31.08.2017
DRAWN: K.S. DATE OF PLAN: 03.11.2017
CHECKED: P.G. DATE LAST SAVED: 03.11.2017
APPROVED: P.G. DATE APPROVED: 03.11.2017

TITLE: PLAN SHOWING DETAIL & LEVELS OF PART OF MARTIN PLACE, ELIZABETH STREET, CASTLEREAGH STREET, HUNTER STREET AND CHIFLEY SQUARE, SYDNEY NSW 2000

DRAWING No NWRLSRT-RPS-SMP-SR-DWG-000041_MARTIN_PLACE-A.dwg

JOB No PR124856 | ISSUE A
DIAL 1100 BEFORE YOU DIG
SHEET 1 OF 10 SHEETS | SIZE A0

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PUBLIC UTILITY LEGEND

E ELEC
- CABLE JUNCTION BOX (PEJB)
- CABLE MANHOLE (PEMH)
- DISTRIBUTION FUSE POINT
- POLE - LIGHT (PLPL)
- POLE - POWER (PPPL)
- POLE - POWER & LIGHT (PPLP)
- POWER SERVICE PILLAR - UNDERGROUND (PEUP)
- TRANSFORMER CABINET CENTRE (PETC)
- EH — HOUSE CONNECTION (EY)
- EC — CONDUIT (ED)
- EZ — LINE-DIGITISED (EZ)
- EU — LINE-UNDERGROUND (EU)
- LINE-MINOR TRANSMISSION (UL)

E TCS
- TRAFFIC CONTROL SIGNAL (PSGL)
- TRAFFIC SIGNAL CONTROLLER (PSCL)
- TRAFFIC SIGNAL DETECTOR (PSDR)
- TRAFFIC SIGNAL JUNCTION BOX (PSJX)
- TCS — TRAFFIC SIGNAL DETECTOR (SD)

E COMMS (COMMUNICATIONS)
- TELEPHONE DISTRIBUTION PILLAR (PTDP)
- ABOVE GROUND JOINING POST (PTJP)
- OPTICAL FIBRE JUNCTION BOX (POFJ)
- OPTICAL FIBRE PIT (POFP)
- STD 1.1 m BY 1.1 m MAIN PIT (PTMP)
- TELEPHONE BOX POINT (PTBX)
- TELEPHONE SINGLE CONCRETE PIT (PTSP)
- TELEPHONE TRIPLE CONCRETE PIT (PT3P)
- TELEPHONE TWIN CONCRETE PIT (PTTP)
- OZ — OPTICAL FIBRE-DIGITISED (OZ)
- OU — OPTICAL FIBRE-UNDERGROUND (UZ)
- T — TELEPHONE LINE (TN)
- TZ — TELEPHONE LINE-DIGITISED (TZ)
- TELEPHONE SUMP (TS)

E GAS
- MANHOLE COVER (PGHL)
- METER (PGMR)
- PIPELINE MARKER (PGPM)
- PIPELINE MARKER - HIGH PRESSURE (PGHM)
- VALVE BOX (PGAS)
- VENT PIPE (PGVP)
- TEST POINT (PGTP)
- EG — ETHANE PIPELINE (HA)
- GH — HOUSE CONNECTION (DG)
- GZ — MAIN-DIGITISED (ZG)
- HG — MAIN-HIGH PRESSURE PIPELINE (HG)
- LG — MAIN-LOW PRESSURE (LG)

E WATR
- AIR VALVE (PWAV)
- EARTH TERMINAL (PWET)
- FIRE HYDRANT (PWFB)
- HYDRANT (PWHY)
- METER (PWMR)
- STOP VALVE - RECYCLED (PRSV)
- TAP (PWTP)
- WH — HOUSE CONNECTION (WY)
- W — MAIN (WM)
- WZ — MAIN-DIGITISED (WZ)

E SWER
- MANHOLE COVER (PSMH)
- VENT PIPE (PSVP)
- LAMPHOLE (PSLH)
- S — MAIN (SM)
- SZ — MAIN-DIGITISED (SZ)

E DRAIN (STORMWATER)
- DRAINAGE JUNCTION MANHOLE (PDJM)
- GULLY PIT POINT (PGUL)
- INLET TO SUMP (PILT)
- INVERT OF PIPE (PINV)
- TOP OF CONCRETE JUNCTION BOX (PJBX)
- DOWN PIPE
- DP — DRAINAGE PIT (DP)
- DRAINAGE BOX (DX)
- ø? — DRAINAGE PIPE UNSPECIFIED DIAMETER (UU)

E CULT (CULTURAL)
- SIGN POST (PSIN)
- BOLLARD (AC)
- FLOOR LEVEL
- CORNER OF BUILDING

E MISC
- GATIC COVER LID (PGAT)
- UNINDETIFIED POLE (PPOL)
- UNINDETIFIED SERVICE (PUSR)
- ?P — UNINDETIFIED SERVICE (UP)

SUI QUALITY CLASSIFICATION
- (A) QUALITY LEVEL A
- (B) QUALITY LEVEL B
- (C) QUALITY LEVEL C
- (D) QUALITY LEVEL D

UTILITY LEGEND

ELECTRICITY (AUSGRID):

AC	ASBESTOS CEMENT
GI	GALVANISED IRON
PVC	POLYVINYL CHLORIDE

GAS (JEMENA):

NB	NOMINAL BORE (CAST IRON MAN)
PE	POLYETHYLENE

RMS:

GI	GALVANISED IRON
HD	HEAVY DUTY
PVC	POLYVINYL CHLORIDE

TELSTRA & OPTUS:

AC	ASBESTOS CEMENT
CONC.	CONCRETE
EW	EARTHENWARE
GI	GALVANISED IRON
PVC	POLYVINYL CHLORIDE

WATER (SYDNEY WATER):

CICL	CAST IRON CEMENT LINED
DICL	DUCTILE IRON CEMENT LINED
GI	GALVANISED IRON
PVC	POLYVINYL CHLORIDE
VC	VITRIFIED CLAY
SCLIBL	STEEL CEMENT LINED INTERNAL BITUMEN LINED

- ELECTRICITY MAJOR TRANSMISSION LINE (QUALITY LEVEL D)
- ELECTRICITY SUBSTATION (QUALITY LEVEL D)
- STORMWATER CHANNEL (QUALITY LEVEL D)

LEGEND

SURVEY CONTROL MARK		× 10.75	SURVEY SHOT R.L.
TELSTRA PIT – DOUBLE		32.98TK	TOP OF KERB (CONC.) R.L.
TELSTRA PIT – SINGLE		32.77G	GUTTER FLOW LINE (CONC.) R.L.
WATER HYDRANT		32.80LP	LIP OF KERB (CONC.) R.L.
WATER STOP VALVE		25.57PR	PRAM RAMP R.L.
WATER TAP		21.59VC	VEHICLE CROSSING R.L.
SEWER PIT (<1m)		36.62TW	TOP OF WALL R.L.
SEWER LAMPHOLE		35.75BW	BOTTOM OF WALL R.L.
SEWER VENT PIPE		27.20FL	FLOOR LEVEL R.L.
POWER POLE		21.64AW	AWNING R.L.
LIGHT		19.63CO	COLUMN R.L.
ELECTRIC LIGHT POLE		26.24EM	EDGE OF MEDIAN R.L.
ELEC. PILLAR		26.36TM	TOP OF MEDIAN R.L.
SMALL ELEC. PIT(<1m)		DR.	DRAINAGE PIT
SEWER LAMPHOLE		UKN	UNKNOWN PIT
POWER POLE		WCM	WORLDCOM
TELEPHONE		TRF	TRAFFIC SIGNAL JUNCTION BOX
UNIDENTIFIED FEATURE		TEL PIT	TELSTRA PIT
MISC. UNKNOWN PIT (<1m)			BOUNDARY SITE
GAS VALVE BOX			APPROXIMATE ADJOINING BOUNDARY
H.P. GAS PIPELINE MARKER			EASEMENT BOUNDARY
GRATED DRAINAGE PIT			TRAFFIC LINE MARK–BROKEN
GRATED DRAINAGE PIT– ROUND			TRAFFIC LINE MARK–CONTINUOUS
GRATED DRAINAGE PIT LID		3.0	DENOTES MAJOR CONTOUR
SQUARE DRAINAGE PIT			DENOTES MINOR CONTOUR
ROUND DRAINAGE PIT		TREE	
BOLLARD		S10.0	=SPREAD
SIGN		1.0ø	=DIAMETER
RUBBISH BIN		H10.0	=HEIGHT
PARKOMETER			
FLAG POLE		1 2 3 4 5 6 7 8 9 10	SHEET AREA
TRAFFIC PIT/JUNCTION BOX			
TRAFFIC LIGHT			
SURVEY SHOT CROSS			

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(Z) EASEMENT FOR RAILWAY PURPOSES VIDE F606224

NOTE ON AS 5488-2013 CLASSIFICATION OF SUBSURFACE UTILITY INVESTIGATION (SUI)

Quality Levels

This Standard provides a framework for the classification of subsurface utility location and attributed information in terms of specified quality levels. The objective of this Standard is to provide utility owners, operators and locators with a framework for the consistent classification of information concerning subsurface utilities. Project risks related to underground utilities can then be properly managed.

A quality level describes the amount and accuracy of information that is collected or held on a subsurface utility.

There are four quality levels: D, C, B and A

Quality Level D (QL-D) is the lowest of these four quality levels. The attribute information and metadata of a subsurface utility can be compiled from any, or a combination of, the following:

(a) Existing records;
(b) Cursory site inspection;
(c) Anecdotal evidence

Quality Level C (QL-C) is described as a surface feature correlation or an interpretation of the approximate location and attributes of a subsurface utility asset using a combination of existing records (and/or anecdotal evidence) and a site survey of visible evidence. The minimum requirement for Quality Level C is relative spatial position. Information is collected by correlating the survey of visible utility surface features such as marker plates or water hydrants and acquired dial-before-you-dig plans to "draw" a string which shows the approximate position of services.

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REVISIONS	A	03.11.2017	INITIAL VERSION	K.S.	C.M.	S.F.G.

HORIZ. SCALE: 1:100 | VERT. SCALE: N/A @ A0
COORDINATES: MGA | DATUM: AHD
ORIGIN: SCIMS | ORIGIN: SCIMS
SCALE IN METRES AT ORIGINAL REDUCTION RATIO (2 1 0 2 4 6)

NOTES

CLIENT: Sydney Metro | city & southwest

SURVEY:	L.C.	DATE OF SURVEY:	31.08.2017
DRAWN:	K.S.	DATE OF PLAN:	03.11.2017
CHECKED:	P.G.	DATE LAST SAVED:	03.11.2017
APPROVED:	P.G.	DATE APPROVED:	03.11.2017

TITLE: PLAN SHOWING DETAIL & LEVELS OF PART OF MARTIN PLACE, ELIZABETH STREET, CASTLEREAGH STREET, HUNTER STREET AND CHIFLEY SQUARE, SYDNEY NSW 2000

DRAWING No: NWRLSRT-RPS-SMP-SR-DWG-000041_MARTIN_PLACE-A.dwg

JOB No: PR124856 | ISSUE: A

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SHEET 2 OF 10 SHEETS | SIZE A0

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7. ELECTRICITY CABLES ARE NOT NECESSARILY ENCLOSED IN CONDUITS AND ARE NOT NECESSARILY COVERED WITH MARKERS, TAPE OR OTHER INDICATORS OF THEIR PRESENCE.
8. NOT ALL HOUSE CONNECTIONS HAVE BEEN LOCATED.
9. IT REMAINS THE RESPONSIBILITY OF THE COMPANY AND/OR THE INDIVIDUAL CONDUCTING PHYSICAL WORKS TO ENSURE AN UP-TO-DATE VERSION OF DIAL BEFORE YOU DIG PLANS IS CONSULTED AND AVAILABLE ON SITE. PHYSICAL WORKS MAY INCLUDE, BUT NOT BE LIMITED TO, EXCAVATING, BORING (HORIZONTAL AND VERTICAL), AND DRILLING.
10. ALL UTILITIES NEED TO BE POTHOLED TO VERIFY LOCATION AND DEPTH IS CORRECT.
11. FOR REASONS OF PLAN PRESENTATION, NOT ALL OF THE INFORMATION CAN BE SHOWN ON THIS PLAN. REFER TO ACCOMPANYING DIGITAL DATA FOR ALL SURVEY INFORMATION AND ATTRIBUTES.
12. CONTOURS ARE AN INDICATION OF LANDFORM AND SHOULD NOT BE TAKEN IN PREFERENCE TO SPOT LEVELS SHOWN.
13. CONTOUR INTERVAL, MAJOR 1m, MINOR 0.5m.

BOUNDARY NOTES

THE BOUNDARIES SHOWN (LAYER: E_BOUNDARY_TITLE) ARE BY SURVEY AS SHOWN IN PPN DP1232469 (UNREGISTERED - SUBJECT TO REGISTRATION AT LPI NSW).

THE BOUNDARIES SHOWN (LAYER: E_BOUNDARY_DEPOSITED_PLAN) ARE ORIGINAL PLAN DIMENSIONS TAKEN FROM THE FOLLOWING DEPOSITED PLANS ON RECORD WITH LPI NSW: DP173027, DP222356, DP260232, DP526161, DP548142, DP929277, DP984182, DP1103195 & SP13171.

THE BOUNDARIES SHOWN (LAYER: E_BOUNDARY_ADJACENT_SURVEY) ARE ADJACENT BOUNDARIES BY SURVEY.

THE BOUNDARIES SHOWN (LAYER: E_BOUNDARY_SACM) ARE DERIVED FROM SURVEY ACCURATE CADASTRAL MODELING UNDERTAKEN BY RPS (APRIL 2015) AND BASED ON THE NSW LPI DIGITAL CADASTRAL DATABASE. NO FIELD INVESTIGATION HAVE BEEN CARRIED OUT TO CONFIRM THE LOCATION OR DIMENSIONS OF THE MODELING INVESTIGATION.

THE BOUNDARIES SHOWN (LAYER: E_BOUNDARY_DCDB & E_BOUNDARY_NSAC) REFLECT THE CURRENT BOUNDARY CONFIGURATION AS SHOWN ON THE STATE DIGITAL CADASTRAL DATABASE. THEY ARE APPROXIMATE ONLY AND ARE INCLUDED FOR PLAN CONTEXT AND SHOULD NOT BE USED FOR ANY DESIGN OR PLANNING PURPOSES.

EASEMENTS (LAYER: E_BOUNDARY_EASEMENTS) HAVE BEEN INVESTIGATED AND PLOTTED ONLY IN THE AREA SUBJECT TO THE CONTOUR AND DETAIL SURVEY. INVESTIGATIONS HAVE BEEN CARRIED OUT ON LOT 5 DP984182, LOT 1 DP260232, LOTS 1,2 AND 3 DP545641 AND LOT 2 DP250060. WHERE THE EASEMENTS ARE LIMITED IN STRATUM, NO INVESTIGATION OF THE STRATUM LIMITS HAS BEEN MADE. IT IS IMPORTANT TO NOTE THAT OTHER EASEMENTS MAY EXIST IN OTHER PARCELS ADJOINING THE SURVEY OR WITHIN THE LOTS DESCRIBED ABOVE THAT ARE NOT AFFECTED BY THE SURVEY.

LOT 1 DP260232, LOTS 10 AND 11 DP 629101, LOTS 1,2 AND 3 DP545641, LOTS 2 DP250060, LOT 7005 DP1120403, LOT 2 DP250060 AND LOT 13 DP771360 ARE STRATUM LOTS LIMITED IN STRATUM IN THE MANNER DESCRIBED IN THEIR RESPECTIVE DEPOSITED PLAN (DP).NO INVESTIGATION OF THE STRATUM BOUNDARIES HAS BEEN MADE. AN INVESTIGATION OF THE STRATUM BOUNDARIES WILL BE NECESSARY PRIOR TO ANY PROPOSED DEVELOPMENT ON THE SITES.

LOT 5 DP984182 AND PART MARTIN PLACE RESERVED FOR PUBLIC RECREATION (R88056) ARE SUBJECT TO A PLAN OF ACQUISITION FOR LEASE PURPOSES (DP1236844).

(X) EASEMENT FOR RAILWAY TRANSIT SHOWN ON DP577984 (VIDE GAZ 21 FOL.592 13-2-76

(Y) EASEMENT FOR RAILWAY PURPOSES VIDE F822764

(Z) EASEMENT FOR RAILWAY PURPOSES VIDE F606224

DISCLAIMER:

THIS SURVEY MODEL INCLUDES INFORMATION DESCRIBING THE LOCATION OF SUBTERRANEAN FEATURES WHICH WERE PURPORTED TO EXIST AT THE TIME OF SURVEY.

THIS INFORMATION WAS COMPILED FROM A COMBINATION OF FIELD TECHNIQUES AND AVAILABLE DATA FROM COOPERATING UTILITY AUTHORITIES. WHILST ALL CARE HAS BEEN TAKEN IN THE PREPARATION OF THIS SURVEY MODEL, RPS CANNOT GUARANTEE THAT THE SURVEY MODEL IS WITHOUT FLAW OR OMISSIONS. RPS CANNOT TAKE RESPONSIBILITY OF ANY KIND WHATSOEVER FOR ANY LOSS, DAMAGE OR OTHER CONSEQUENCES WHICH MAY ARISE FROM ANY PERSON RELYING ON ANY THING STATED ON THIS PLAN.

IN PARTICULAR, IT IS RECOMMENDED THAT USERS SATISFY THEMSELVES AS TO THE LOCATION OF SUBTERRANEAN FEATURES SUCH AS UTILITIES WHICH MAY OR MAY NOT BE SHOWN ON THE PLAN.

NOTE ON AS 5488-2013 CLASSIFICATION OF SUBSURFACE UTILITY INVESTIGATION (SUI)

Quality Levels

This Standard provides a framework for the classification of subsurface utility location and attributed information in terms of specified quality levels. The objective of this Standard is to provide utility owners, operators and locators with a framework for the consistent classification of information concerning subsurface utilities. Project risks related to underground utilities can then be properly managed.

A quality level describes the amount and accuracy of information that is collected or held on a subsurface utility.

There are four quality levels: D, C, B and A

Quality Level D (QL-D) is the lowest of these four quality levels. The attribute information and metadata of a subsurface utility can be compiled from any, or a combination of, the following:

(a) Existing records;
(b) Cursory site inspection;
(c) Anecdotal evidence

Quality Level C (QL-C) is described as a surface feature correlation or an interpretation of the approximate location and attributes of a subsurface utility asset using a combination of existing records (and/or anecdotal evidence) and a site survey of visible evidence. The minimum requirement for Quality Level C is relative spatial position. Information is collected by correlating the survey of visible utility surface features such as marker plates or water hydrants and acquired dial-before-you-dig plans to "draw" a string which shows the approximate position of services.

Quality Level B (QL-B) provides relative subsurface feature location in three dimensions. The minimum requirement for Quality Level B is relative spatial position. Information is collected by designating the horizontal and vertical location of underground utilities by using electromagnetic pipe and cable locators, sondes or flexi-trace, ground penetrating radar and acoustic pulse equipment.

Quality Level A (QL-A) is the highest quality level and consists of the positive identification of the attribute and location of a subsurface utility at a point to an absolute spatial position in three dimensions. It is the only quality level that defines a subsurface utility as 'validated'. Where the whole line segment cannot be verified by line of sight, quality level A shall not be attributed to the line segment between validated points. The vertical information for this locating method is to the top or shallowest part of the located service.

REVISIONS

No.	DATE	REVISION DETAILS	DRAWN	CHK	APP
A	03.11.2017	INITIAL VERSION	K.S.	C.M.	S.F.G.

HORIZ. SCALE: 1:100 | VERT. SCALE: N/A @ A0
COORDINATES: MGA | DATUM: AHD
ORIGIN: SCIMS | ORIGIN: SCIMS
SCALE IN METRES AT ORIGINAL REDUCTION RATIO

NOTES

CLIENT: Sydney Metro | city & southwest

SURVEY: L.C. — DATE OF SURVEY: 31.08.2017
DRAWN: K.S. — DATE OF PLAN: 03.11.2017
CHECKED: P.G. — DATE LAST SAVED: 03.11.2017
APPROVED: P.G. — DATE APPROVED: 03.11.2017

TITLE: PLAN SHOWING DETAIL & LEVELS OF PART OF MARTIN PLACE, ELIZABETH STREET, CASTLEREAGH STREET, HUNTER STREET AND CHIFLEY SQUARE, SYDNEY NSW 2000

DRAWING No: NWRLSRT-RPS-SMP-SR-DWG-000041_MARTIN_PLACE-A.dwg

JOB No: PR124856
ISSUE: A
www.dialbeforeyoudig.com.au DIAL 1100 BEFORE YOU DIG
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SIZE A0

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