

PLANS AND DOCUMENTS  
referred to in the PDA  
DEVELOPMENT APPROVAL

Approval no: DEV2025/1686

Date: 24/10/2025



# Civil Engineering Services Report

Lumina Precinct 2 – Lots 21-23 Knowledge Street, Southport



Stantec Australia Pty Ltd

Prepared for:  
Minister for Economic Development Queensland

Date:  
15 August 2025

Prepared by:  
Stantec Australia Pty Ltd

Project/File:  
304701862

## Revision Schedule

| Revision No. | Date       | Description             | Prepared by | Reviewed by | Project Manager Final Approval |
|--------------|------------|-------------------------|-------------|-------------|--------------------------------|
| 0            | 15/08/2025 | Draft for Client Review | CD          | MH          | CD                             |
|              |            |                         |             |             |                                |
|              |            |                         |             |             |                                |

## Disclaimer

The conclusions in the report are Stantec's professional opinion, as of the time of the report, and concerning the scope described in the report. The opinions in the document are based on conditions and information existing at the time the document was published and do not take into account any subsequent changes. The report relates solely to the specific project for which Stantec was retained and the stated purpose for which the report was prepared. The report is not to be used or relied on for any variation or extension of the project, or for any other project or purpose, and any unauthorized use or reliance is at the recipient's own risk.

Stantec has assumed all information received from the client and third parties in the preparation of the report to be correct. While Stantec has exercised a customary level of judgment or due diligence in the use of such information, Stantec assumes no responsibility for the consequences of any error or omission contained therein.

This report is intended solely for use by the client in accordance with Stantec's contract with the client. While the report may be provided to applicable authorities having jurisdiction and others for whom the client is responsible, Stantec does not warrant the services to any third party. The report may not be relied upon by any other party without the express written consent of Stantec, which may be withheld at Stantec's discretion.

Prepared by:

\_\_\_\_\_  
Signature\_\_\_\_\_  
Carlo de Byl\_\_\_\_\_  
Printed Name

Reviewed by:

\_\_\_\_\_  
Signature\_\_\_\_\_  
Mark Hammel\_\_\_\_\_  
Printed Name

Approved by:

\_\_\_\_\_  
Signature\_\_\_\_\_  
Carlo de Byl\_\_\_\_\_  
Printed Name

## Table of Contents

|   |                                         |   |
|---|-----------------------------------------|---|
| 1 | Introduction .....                      | 1 |
| 2 | Location and Description of Works ..... | 1 |
| 3 | Earthworks and Roadworks.....           | 1 |
| 4 | Stormwater .....                        | 1 |
| 5 | Water Supply .....                      | 2 |
| 6 | Sewerage .....                          | 2 |
| 7 | Electrical and Communications .....     | 3 |
| 8 | APA Group / Gas Service .....           | 4 |

### List of Appendices

- Appendix A Reconfiguration of a Lot Plan
- Appendix B Previous Stormwater Information
- Appendix C Preliminary Engineering Services Plans
- Appendix D Before You Dig Australia Plans



# **1 Introduction**

The Minister for Economic Development Queensland has engaged Stantec to prepare this Civil Engineering Services Report to support the development application for the proposed reconfiguration of Lots 21, 22 and 23 cancelling Lot 8 on SP275512 located at the corner of Knowledge Street and Village Boulevard in Southport.

The purpose of this report is to demonstrate that the reconfigured Lots 21, 22 and 23 can be connected to the existing stormwater drainage, water supply, sewerage and other utility services located within the adjacent roadways.

## **2 Location and Description of Works**

Existing Lot 8 on SP275512 is located at the corner of Knowledge Street and Village Boulevard in Southport. This existing allotment is bound by Village Boulevard to the north-east, Knowledge Street to the north-west, Smith Street to the south-east and Parklands Drive to the south-west.

It is proposed to reconfigure the allotment into proposed Lots 21, 22 and 23 cancelling Lot 8 on SP275512. Refer to Appendix A for the Reconfiguration of a Lot plan (drawing number BRMM7981-000-38-1) prepared by MNG LandPartners.

Works will be limited to providing stormwater inter-allotment drainage and sewerage connections for proposed Lots 21 and 22, with the balance Lot 23 being serviced by existing connections.

## **3 Earthworks and Roadworks**

No roadworks and only minor earthworks are proposed to construct the proposed stormwater and sewerage network service connections.

Proposed earthworks levels for the lots and the locations of future driveway crossovers will be confirmed by the future proponents of the subdivided allotments.

## **4 Stormwater**

A review of the Council of the City of Gold Coast's (the City) asset information showed existing stormwater drainage assets located within Knowledge Street and Village Boulevard, along with twin 3.1m x 1.5m reinforced concrete box culverts (RCBCs) passing through future proposed Lot 23, from Smith Street through to Knowledge Street.

Based on the Stormwater Catchment Plan developed for the Parklands Stage 2 Infrastructure Works (refer drawing number CAR-CV-DWG-1202 Revision C in Appendix B of this report), it is proposed to provide an inter-allotment stormwater drainage pipeline along the south-eastern boundary of proposed Lots 21 and 22 to convey the pipe flows from the contributing lot areas across to the inlet structure of the existing twin 3.1m x 1.5m RCBCs. Overland flows exceeding the pipeline capacity would be conveyed towards the inlet structure of the existing twin 3.1m x 1.5m RCBCs by the existing drainage



channel that aligns Smith Street. For proposed Lot 23, three inter-allotment drainage pits exist along the property boundary with Knowledge Street that are intended to be retained to service this proposed allotment. The existing stormwater infrastructure and proposed stormwater drainage connections for proposed Lots 21-23 have been shown on Stantec's proposed preliminary Stormwater Layout Plan (drawing number 304701862-SK-CI-0012) included in Appendix C of this report.

Peak flows contributing to the proposed drainage connections are to be confirmed by the future proponents of the proposed subdivided allotments.

## **5 Water Supply**

A review of the City's asset information showed an existing water main service located within the verge of Knowledge Street immediately adjacent to the boundaries of proposed Lots 21-23. The water main service varies in size from 150mm PVC fronting proposed Lots 22 and 23, to 250mm PVC fronting proposed Lot 21. Before You Dig Australia search information for the existing water services within the vicinity of Lots 21-23 have been included in Appendix D of this report.

Future proponents of proposed Lots 21-23 should be able to connect to the existing water main service in Knowledge Street, including the provision of water meters and easements as per the City's Planning Scheme Land Development Guidelines. From a review of available City asset information, proposed Lot 23 is currently serviced by two existing property connections located along the Knowledge Street boundary. The existing water infrastructure and potential water connections for proposed Lots 21-23 have been shown on Stantec's proposed preliminary Water Connection Plan (drawing number 304701862-SK-CI-0011) included in Appendix C of this report.

Load requirements and any necessary upgrades to enable connections to the existing water main service are to be confirmed by the future proponents of the proposed subdivided allotments.

## **6 Sewerage**

A review of the City's asset information showed an existing sewer main service located within the verge of Knowledge Street on the opposite of the road to proposed Lots 21-23. This sewer main varies in size from 150mm uPVC fronting proposed Lots 21 and 22, to 225mm to 300mm uPVC fronting proposed Lot 23. Before You Dig Australia search information for the existing sewer main service within the vicinity of Lots 21-23 have been included in Appendix D of this report.

For Lots 21 and 22, it is proposed to construct new property connections across to the existing sewer main in Knowledge Street. While a review of available City asset information showed that proposed Lot 23 is currently serviced by two existing property connections located along the Knowledge Street boundary. Refer to Stantec's preliminary Sewer Connection Plan drawing number 304701862-SK-CI-0010) included in Appendix C of this report, for the existing sewerage infrastructure and proposed property connections for Lots 21-23.

For Lot 21, the new property connection is proposed to cross Knowledge Street and will require the construction of a new 1050mm diameter manhole over the existing 150mm uPVC located in the verge. The property connection has been proposed at the north-eastern corner of the lot to maximise the serviceability of the allotment.



For Lot 22, the new property connection is proposed to cross Knowledge Street and connect into an existing sewer manhole located in the verge. The property connection has been proposed at the north-eastern corner of the lot to maximise the serviceability of the allotment.

For Lot 23, it is intended to retain the two existing property connections to service this proposed allotment.

For both proposed Lots 21 and 22, based on the existing contours of the proposed allotments, a review of the limit of property connection servicing based on the following service scenarios was undertaken and has been noted on Stantec's Sewer Connection Plan (drawing number 304701862-SK-CI-0010 included in Appendix C).

- 100mm diameter pipe at a 1 in 60 grade with a minimum 0.6m cover.
- 150mm diameter pipe at a 1 in 100 grade with a minimum 0.6m cover.

Given the allotments are being subdivided for future commercial use, it is anticipated that earthworks will be required across the lots to create building platforms appropriate for the selected use. Therefore, the future proponents of the subdivided allotments may need to consider pumped solutions for sewer systems outside of the final servicing limits of the provided property connections.

Sewerage discharges contributing to the proposed sewer network are to be confirmed by the future proponents of the proposed subdivided allotments.

## **7 Electrical and Communications**

Existing electrical and communication services are available along Knowledge Street and Village Boulevard. A review of information supplied by Before You Dig Australia notes the following.

For electrical, Energex low voltage cables (up to 1kV) are located within the verges of Knowledge Street and Village Boulevard immediately adjacent to the boundaries of proposed Lots 21-23. Energex high voltage cables (1kV - <33kV) are also located in the within Knowledge Street, within the verge on the opposite side of the road to proposed Lots 21-23.

For communications, NBN Co, Telstra, Optus, and Australia's Academic and Research Network (AARNet) services are located within the verges of Knowledge Street, Village Boulevard and Parkland Drive. NBN Co, Telstra and Optus services are located within the verge of Knowledge Street on the opposite side of the road to proposed Lots 21-23. NBN Co also crosses the intersection of Knowledge Street and Village Boulevard, entering the north-eastern corner of proposed Lot 23. Existing AARNet services were noted within Parklands Drive near the western boundary of proposed Lot 21.

Before You Dig Australia search information for the existing electrical and communications services within the vicinity of Lots 21-23 have been included in Appendix D of this report.

Load requirements and any necessary upgrades to enable connections to the existing electrical and communications services are to be confirmed by the future proponents of the proposed subdivided allotments.



## **8 APA Group / Gas Service**

APA Group have confirmed that existing gas services are available along Knowledge Street and Village Boulevard. A review of supplied Before You Dig Australia information noted existing gas network services within the verge of Knowledge Street immediately adjacent to the boundaries of proposed Lots 21-23.

Before You Dig Australia search information for the existing APA Group gas services within the vicinity of Lots 21-23 have been included in Appendix D of this report.

Load requirements and any necessary upgrades to enable connections to the existing gas services are to be confirmed by the future proponents of the proposed subdivided allotments.

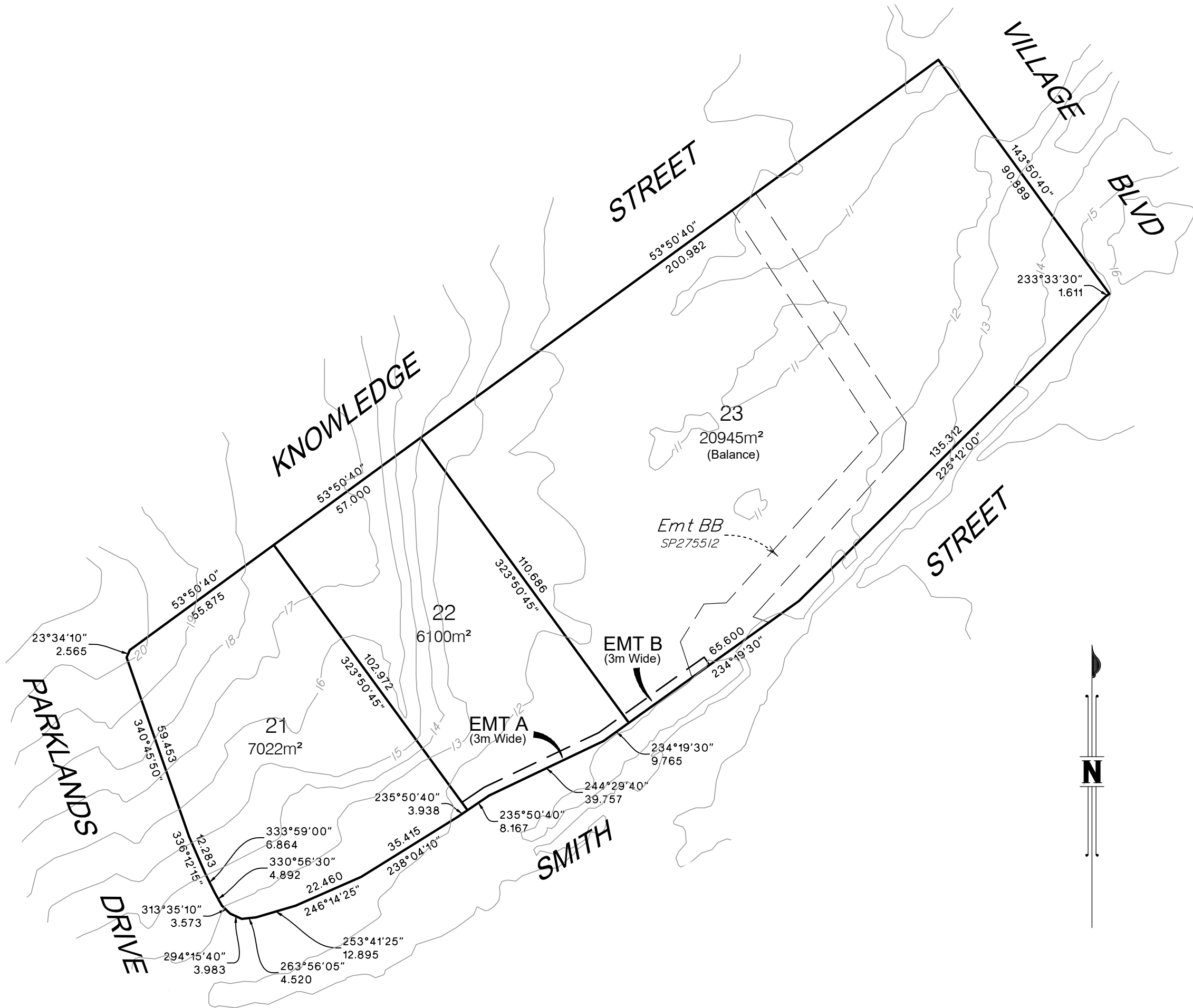


# Appendices



## **Appendix A Reconfiguration of a Lot Plan**





NOTE: ALL DIMENSIONS AND AREAS ON THIS PLAN ARE SUBJECT TO SURVEY AND REQUIREMENTS FOR LODGEMENT OF SURVEY PLANS IN THE DEPARTMENT OF NATURAL RESOURCES AND MINES, MANUFACTURING, AND REGIONAL AND RURAL DEVELOPMENT.

CLIENT  
MINISTER FOR ECONOMIC  
DEVELOPMENT QLD

PROJECT  
PROPOSED RECONFIGURATION  
OF LOTS 21-23  
CANCELLING LOT 8 ON SP275512 AND  
ROAD CLOSURE OF SP1 & SP2  
(Located in the corner of Parklands Dr  
& Smith St, Southport)

LOCAL AUTHORITY  
GOLD COAST C.C.

NOTES  
(i) This plan was prepared for the purpose and exclusive use of  
MINISTER FOR ECONOMIC DEVELOPMENT QUEENSLAND to  
accompany an application for approval to reconfigure the land described in  
this plan and is not to be used for any other purpose or by any other person  
or corporation.  
LandPartners Pty Ltd accepts no responsibility for any loss or damage  
suffered howsoever arising to any person or corporation who may use or  
rely on this plan in contravention of the terms of this clause or clauses  
(ii),(iii) or (iv) hereof.  
  
(ii) The contours shown in this plan are suitable only for the purposes of  
this application. The accuracy of the contours has not been verified and no  
reliance should be placed upon such contours for any other purpose other  
than the purpose of this application for reconfiguration.  
  
(iii) The dimensions, areas, number of lots, size and location of  
improvements & flood information (if shown) are approximate only and may  
vary subject to engineering design changes, field survey and requirements  
for lodgement of survey plans in the Department of Natural Resources and  
Mines, Manufacturing, and Regional and Rural Development.  
  
(iv) This plan may not be copied unless these notes are included.

|   |     |            |               |
|---|-----|------------|---------------|
|   |     |            |               |
|   |     |            |               |
|   |     |            |               |
|   |     |            |               |
|   |     |            |               |
| 1 | SAR | 29/07/2025 | INITIAL ISSUE |

SCALE BAR

0m 10 20 30 40 50 60 70m

SCALE 1:1250 (A3)

MNG

LANDPARTNERS

Brisbane Office  
Level 1  
18 Little Cribb Street  
Milton QLD 4064  
p: (07) 3842 1000  
e: brisbane@mnglandpartners.com.au  
w: www.landpartners.com.au

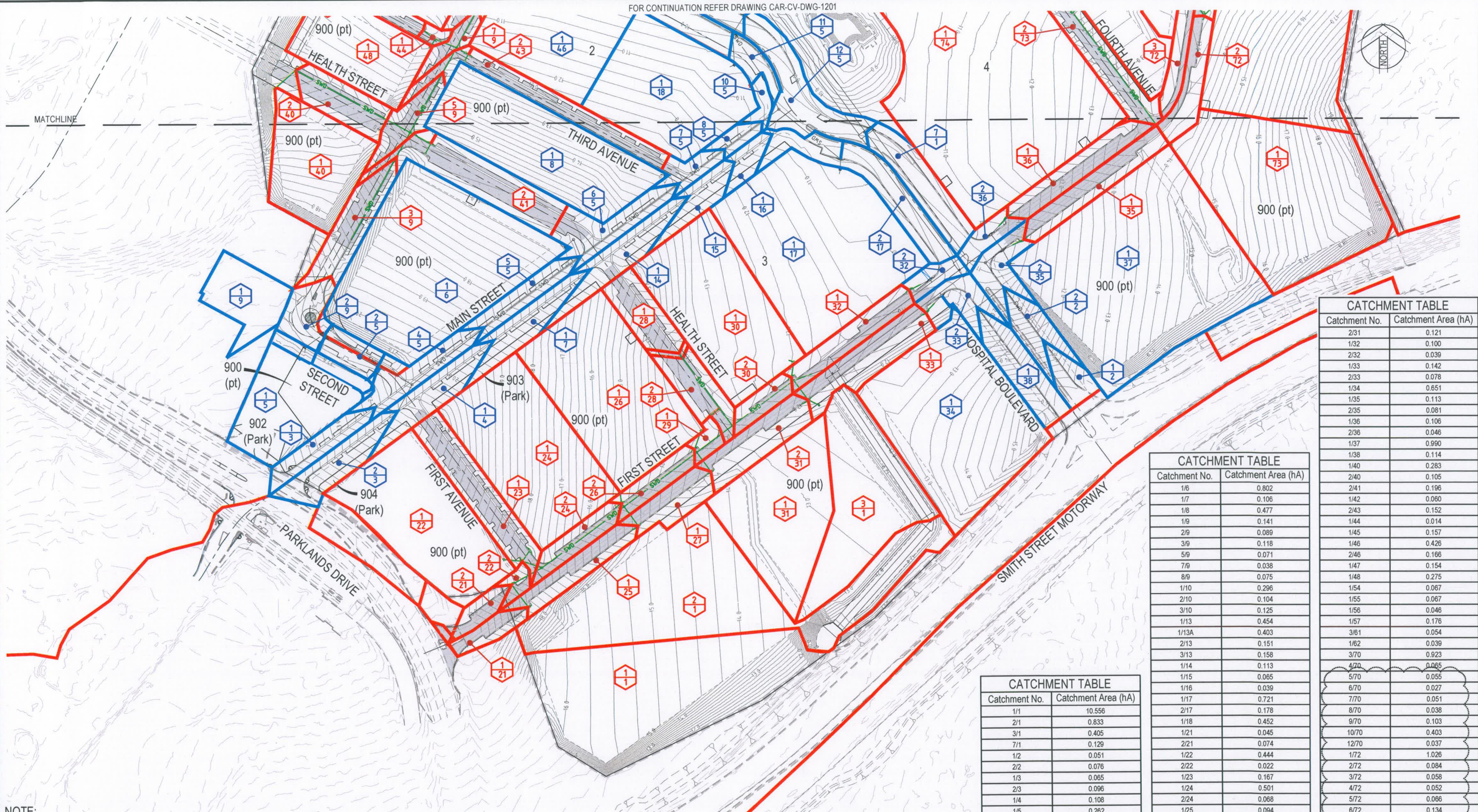
Perth | Brisbane | Melbourne | Sydney | Broome | South West WA

|                  |     |                    |            |
|------------------|-----|--------------------|------------|
| LEVEL DATUM      |     | AHD D              |            |
| LEVEL ORIGIN     |     | PSM110693 RL19.635 |            |
| CONTOUR INTERVAL |     | 1.0 Metre          |            |
| DRAWN            | SAR | DATE               | 29/07/2025 |
| CHECKED          | MLM | DATE               | 29/07/2025 |
| APPROVED         | MLM | DATE               | 29/07/2025 |
| UDN              |     | SHEET 1 OF 1       |            |
|                  |     | BRMM7981-000-38-1  |            |

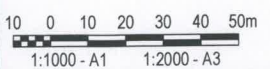
## **Appendix B Previous Stormwater Information**



DATE PLOTTED: 26 March 2015 12:58 PM BY: LAURE BRINDELL  
XREF: X: 721785LW - A1 Title Sheet; X: 721785LW - Survey Related; X: 721785LW - Road AC Extent; X: 721785LW - Catchment Boys; 141008 Catchments  
CAD File: P: 721785 Commonweath Games Village\1010 Design\Cardno\1 Drawings\STAGE 2 WORKS\721785LW - SW Catchment Layouts.dwg



NOTE:  
1. REFER TO DRAWING CAR-CV-DWG-1201 FOR LEGEND.



| CATCHMENT TABLE |                     |
|-----------------|---------------------|
| Catchment No.   | Catchment Area (hA) |
| 1/1             | 10.556              |
| 2/1             | 0.833               |
| 3/1             | 0.405               |
| 7/1             | 0.129               |
| 1/2             | 0.051               |
| 2/2             | 0.076               |
| 1/3             | 0.065               |
| 2/3             | 0.096               |
| 1/4             | 0.108               |
| 1/5             | 0.262               |
| 2/5             | 0.059               |
| 4/5             | 0.102               |
| 5/5             | 0.074               |
| 6/5             | 0.110               |
| 7/5             | 0.044               |
| 8/5             | 0.028               |
| 10/5            | 0.024               |
| 11/5            | 0.044               |
| 12/5            | 0.188               |

| CATCHMENT TABLE |                     |
|-----------------|---------------------|
| Catchment No.   | Catchment Area (hA) |
| 1/6             | 0.802               |
| 1/7             | 0.106               |
| 1/8             | 0.477               |
| 1/9             | 0.141               |
| 2/9             | 0.089               |
| 3/9             | 0.118               |
| 5/9             | 0.071               |
| 7/9             | 0.038               |
| 8/9             | 0.075               |
| 1/10            | 0.296               |
| 2/10            | 0.104               |
| 3/10            | 0.125               |
| 1/13            | 0.454               |
| 1/13A           | 0.403               |
| 2/13            | 0.151               |
| 3/13            | 0.158               |
| 1/14            | 0.113               |
| 1/15            | 0.065               |
| 1/16            | 0.039               |
| 1/17            | 0.721               |
| 2/17            | 0.178               |
| 1/18            | 0.452               |
| 1/21            | 0.045               |
| 2/21            | 0.074               |
| 1/22            | 0.444               |
| 2/22            | 0.022               |
| 1/23            | 0.167               |
| 1/24            | 0.501               |
| 2/24            | 0.068               |
| 1/25            | 0.094               |
| 1/26            | 0.543               |
| 2/26            | 0.064               |
| 1/27            | 0.084               |
| 1/28            | 0.097               |
| 2/28            | 0.102               |
| 1/29            | 0.027               |
| 1/30            | 0.479               |
| 2/30            | 0.047               |
| 1/31            | 0.400               |

| CATCHMENT TABLE |                     |
|-----------------|---------------------|
| Catchment No.   | Catchment Area (hA) |
| 2/31            | 0.121               |
| 1/32            | 0.100               |
| 2/32            | 0.039               |
| 1/33            | 0.142               |
| 2/33            | 0.078               |
| 1/34            | 0.651               |
| 1/35            | 0.113               |
| 2/35            | 0.081               |
| 1/36            | 0.106               |
| 2/36            | 0.046               |
| 1/37            | 0.990               |
| 1/38            | 0.114               |
| 1/40            | 0.283               |
| 2/40            | 0.105               |
| 2/41            | 0.196               |
| 1/42            | 0.060               |
| 2/43            | 0.152               |
| 1/44            | 0.014               |
| 1/45            | 0.157               |
| 1/46            | 0.426               |
| 2/46            | 0.166               |
| 1/47            | 0.154               |
| 1/48            | 0.275               |
| 1/54            | 0.067               |
| 1/55            | 0.067               |
| 1/56            | 0.046               |
| 1/57            | 0.176               |
| 3/61            | 0.054               |
| 1/62            | 0.039               |
| 3/70            | 0.923               |
| 4/70            | 0.065               |
| 5/70            | 0.055               |
| 6/70            | 0.027               |
| 7/70            | 0.051               |
| 8/70            | 0.038               |
| 9/70            | 0.103               |
| 10/70           | 0.403               |
| 12/70           | 0.037               |
| 1/72            | 1.026               |
| 2/72            | 0.084               |
| 3/72            | 0.058               |
| 4/72            | 0.052               |
| 5/72            | 0.066               |
| 6/72            | 0.134               |
| 1/73            | 0.723               |
| 2/73            | 0.147               |
| 3/73            | 0.003               |
| 1/74            | 1.222               |
| 1/76            | 0.351               |
| 1/77            | 0.127               |
| 1/79            | 0.164               |
| 1/80            | 0.163               |
| 1/200           | 2.204               |

| Rev | Date       | Description                                   | Des. | Verif | Appd. |
|-----|------------|-----------------------------------------------|------|-------|-------|
| C   | 27/03/2015 | CATCHMENT TABLE AMENDED                       | GT   | SK    | RB    |
| B   | 19/12/2014 | CATCHMENTS AMENDED RE-ISSUED FOR CONSTRUCTION | GT   | SK    | RB    |
| A   | 16/10/2014 | ISSUED FOR CONSTRUCTION                       | GT   | SK    | RB    |



© Cardno Limited All Rights Reserved.  
This document is produced by Cardno Limited solely for the benefit of and use by the client in accordance with the terms of the retainer. Cardno Limited does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.



Cardno (Qld) Pty Ltd | ABN 57 051 074 992  
Level 2 - Podium Level, Emerald Lakes Town Centre  
1/3321 Central Place, Carrara QLD 4211  
Tel: 07 5539 9333 Fax: 07 5538 4647  
Web: www.cardno.com.au

Drawn: 16/10/2014  
Checked: 16/10/2014  
Designed: 16/10/2014  
Verified: 16/10/2014  
Approved: 16/10/2014  
RPEQ: 7067

Date: 27/03/2015

Client: GROCON (PARKLANDS) PTY LTD  
Project: PARKLANDS STAGE 2  
Title: INFRASTRUCTURE WORKS STORMWATER CATCHMENT PLAN SHEET 2 OF 2

Status: FOR CONSTRUCTION

Datum: AHD  
Scale: 1:1000  
Size: A1  
Drawing Number: CAR-CV-DWG-1202  
Revision: C

## **Appendix C Preliminary Engineering Services Plans**









- LEGEND:**
- Ø375 PROPOSED STORMWATER DRAINAGE
  - 1/1 PROPOSED STORMWATER STRUCTURE LABEL
  - 1/01 EXISTING STORMWATER STRUCTURE LABEL
  - PROPOSED STORMWATER DRAINAGE EASEMENT
  - LOT BOUNDARY
  - PROPOSED EASEMENT (CITY OF GOLD COAST)
  - PROPOSED SEWER PROPERTY CONNECTION
  - W EXISTING WATER MAIN
  - SWD EXISTING STORMWATER
  - S EXISTING SEWER MAIN
  - T EXISTING TELECOMMUNICATIONS / NBN
  - E EXISTING ELECTRICITY
  - C EXISTING COMMUNICATIONS
  - G EXISTING GAS MAIN

- NOTES:**
1. PROPOSED LOT BOUNDARIES ARE AS PER MNG LANDPARTNERS DRAWING BRMM7981-000-38-1 REV 1, DATED 29/07/2025
  2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH CoGC CITY PLAN POLICY SC6.11 - LAND DEVELOPMENT GUIDELINES.
  3. REINSTATE ALL SURFACE WORKS TO ORIGINAL.
  4. ALL EXISTING SERVICES TO BE LOCATED, EXPOSED AND PROTECTED DURING WORKS. WHERE MINIMUM VERTICAL CLEARANCES TO EXISTING SERVICES HAVE NOT BEEN ACHIEVED, THEN PROTECTION / ENCASMENT OF THE EXISTING SERVICE WILL BE REQUIRED.
  5. ROAD REINSTATEMENT TO BE AS PER CoGC STANDARD DRAWING 02-602.
  6. EXCAVATION WORKS CARRIED OUT BY CONTRACTORS AT DEPTH OF 1.5m OR GREATER MUST PROVIDE A "SAFE WORK PLAN" AS PER WORKPLACE HEALTH AND SAFETY LEGISLATION TO SERVICE PROVIDER PRIOR TO COMMENCING ANY WORK.

1:750 15 0 15 30 A1

1:1500

Issued/Revision

1 PRELIMINARY ISSUE

Issue Status

S0

INITIAL FILE BEING DEVELOPED

This document is suitable only for the purpose noted above. Use of this document for any other purpose is not permitted.

Coordinate System

Datum

Colour Disclaimer

This drawing has been documented in colour. This drawing is required to be printed in colour. Failure to do so may result in loss of information. Black and white printing may be used if specific black and white documents have been obtained from Stantec.

Copyright Reserved

The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden. The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec, without delay.

Client/Project Logo

Client/Project

Economic Development Queensland

LUMINA - PRECINCT 2

FUTURE LOTS - 21, 22 & 23

Title

PRECINCT 2 - LOTS 21, 22 & 23

STORMWATER LAYOUT PLAN

Project No.

304701862

Drawing No.

304701862-SK-CL-0012

Scale at A1

AS SHOWN

Revision

1

SS Dwn.

TE Dsgn.

CD Chkd.

Appd.

15/08/2025

YYYY.MM.DD

U:\304701862\Technical\Drawings\304701862-SK-CL-0012.dwg  
Printed On: 15/08/2025 11:38:16 AM

ORIGINAL SHEET - B0-A1

## **Appendix D Before You Dig Australia Plans**

Council of the City of Gold Coast

Energex

NBN Co

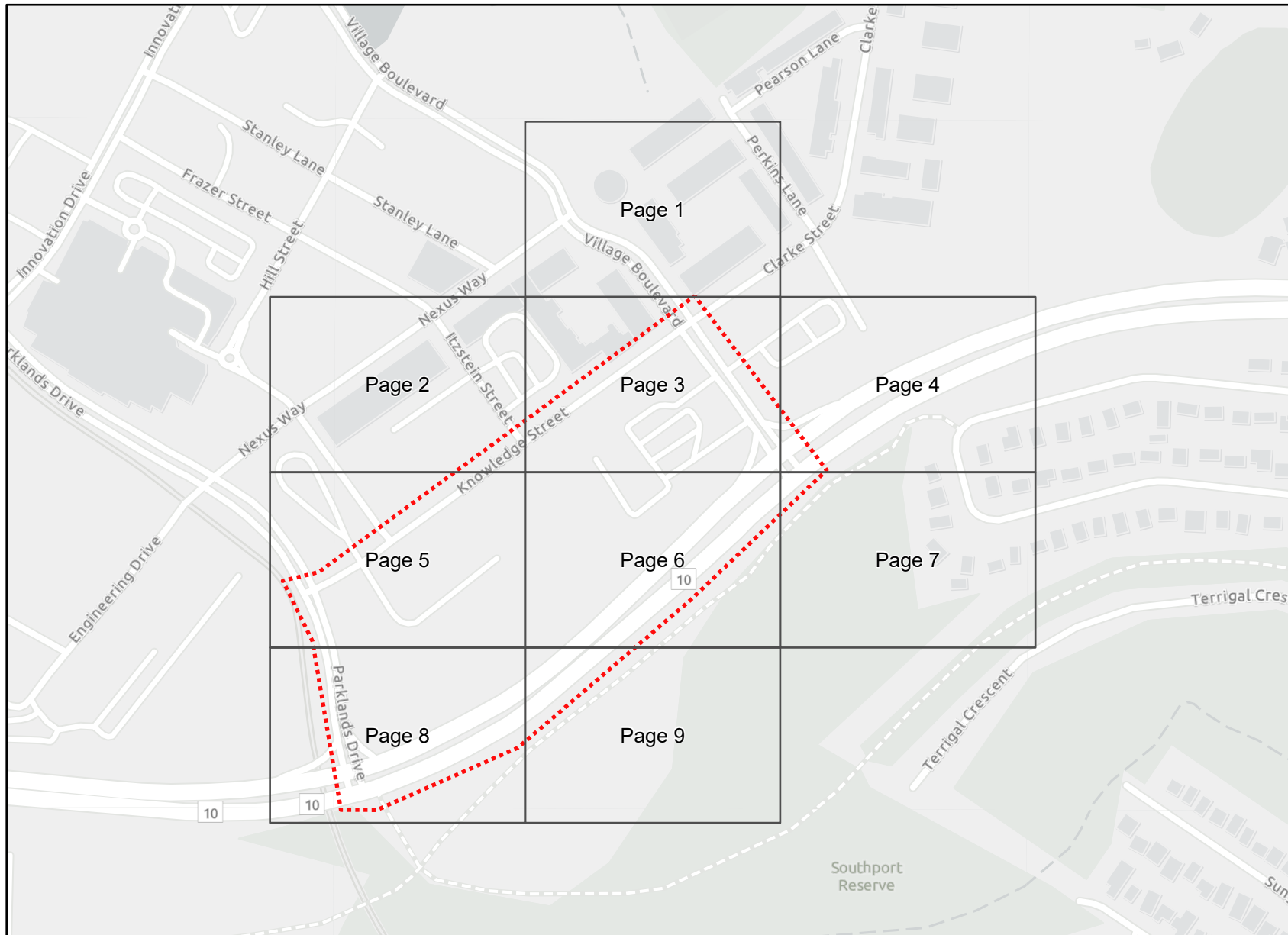
Telstra

Optus

Australia's Academic and Research Network (AARNet)

APA Group





### Legend

-  BYDA Enquiry
-  Detailed map page

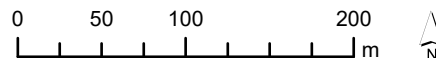
Esri Community Maps Contributors, Department of Resources, DESI, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, METI/NASA, USGS

**Disclaimer:** The Plan is provided in response to a Before You Dig request. While all reasonable care has been taken to ensure the accuracy of the information on this plan, its purpose is to provide a general indication of the location of Gold Coast City Council infrastructure. The information provided may contain errors or omissions and the accuracy may not suit all users. A site inspection and investigation is recommended before commencement of any project based on this data.

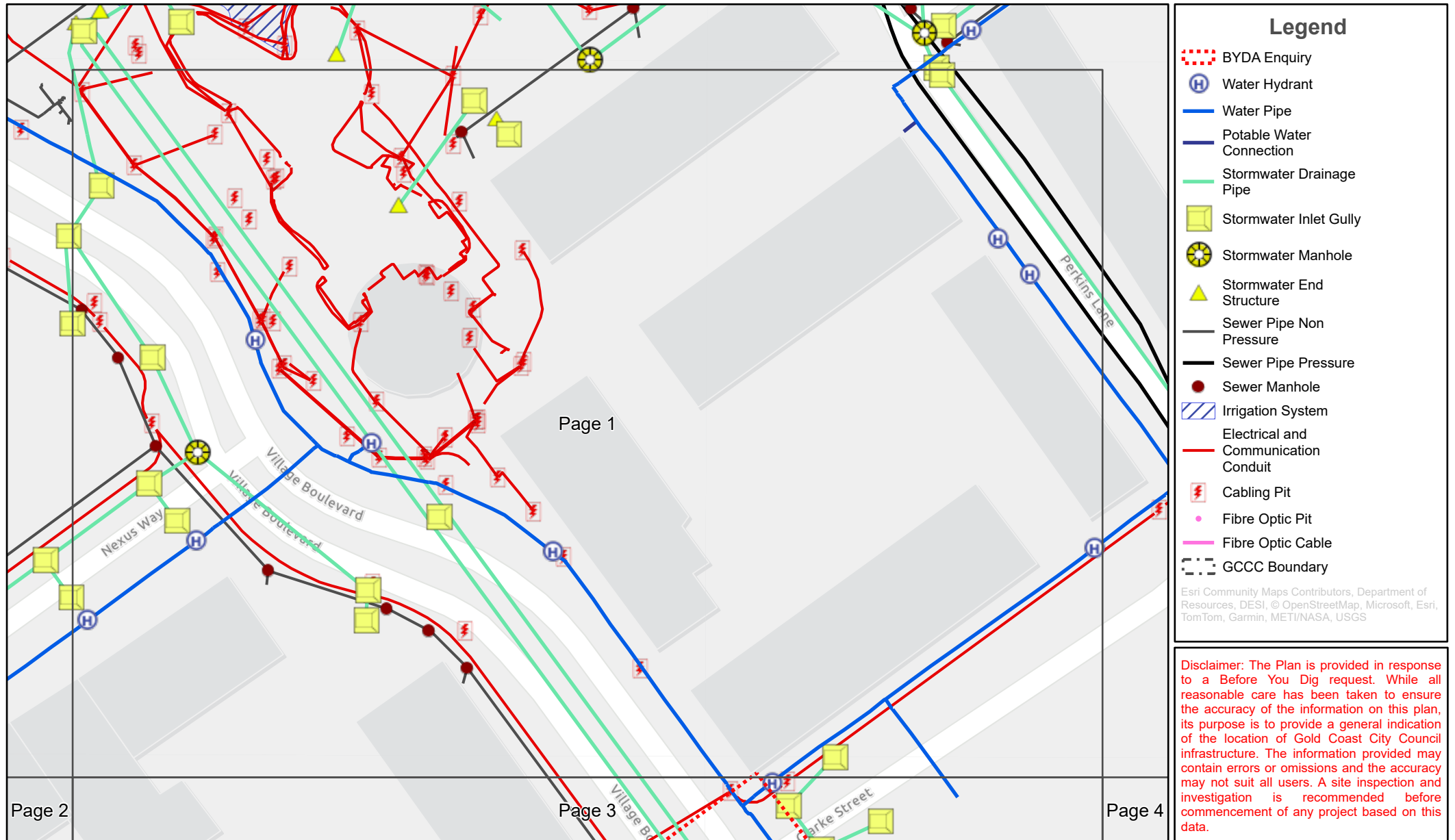
In an emergency contact City of Gold Coast on 1300 465 326

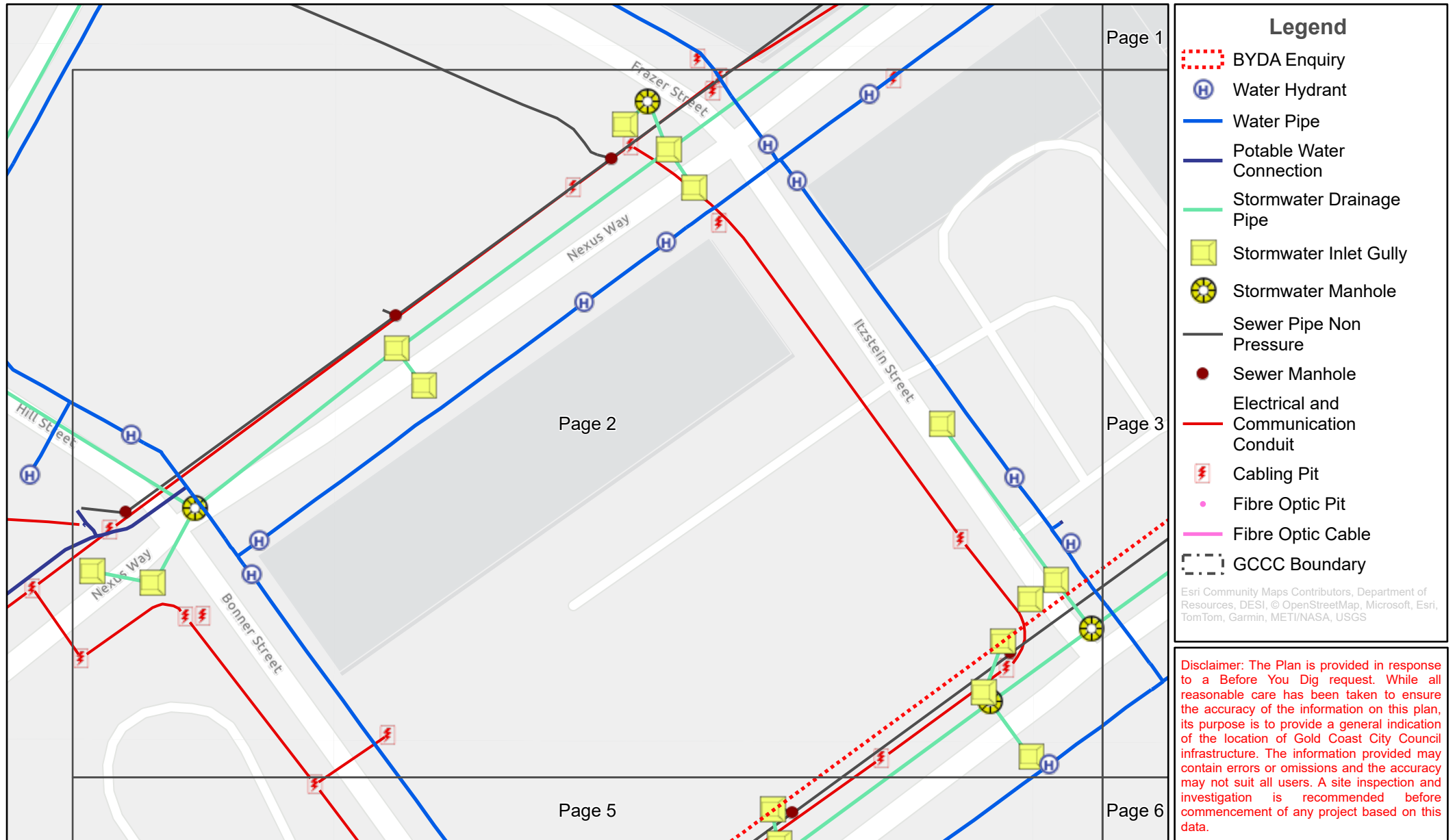
[Index Sheet](#)

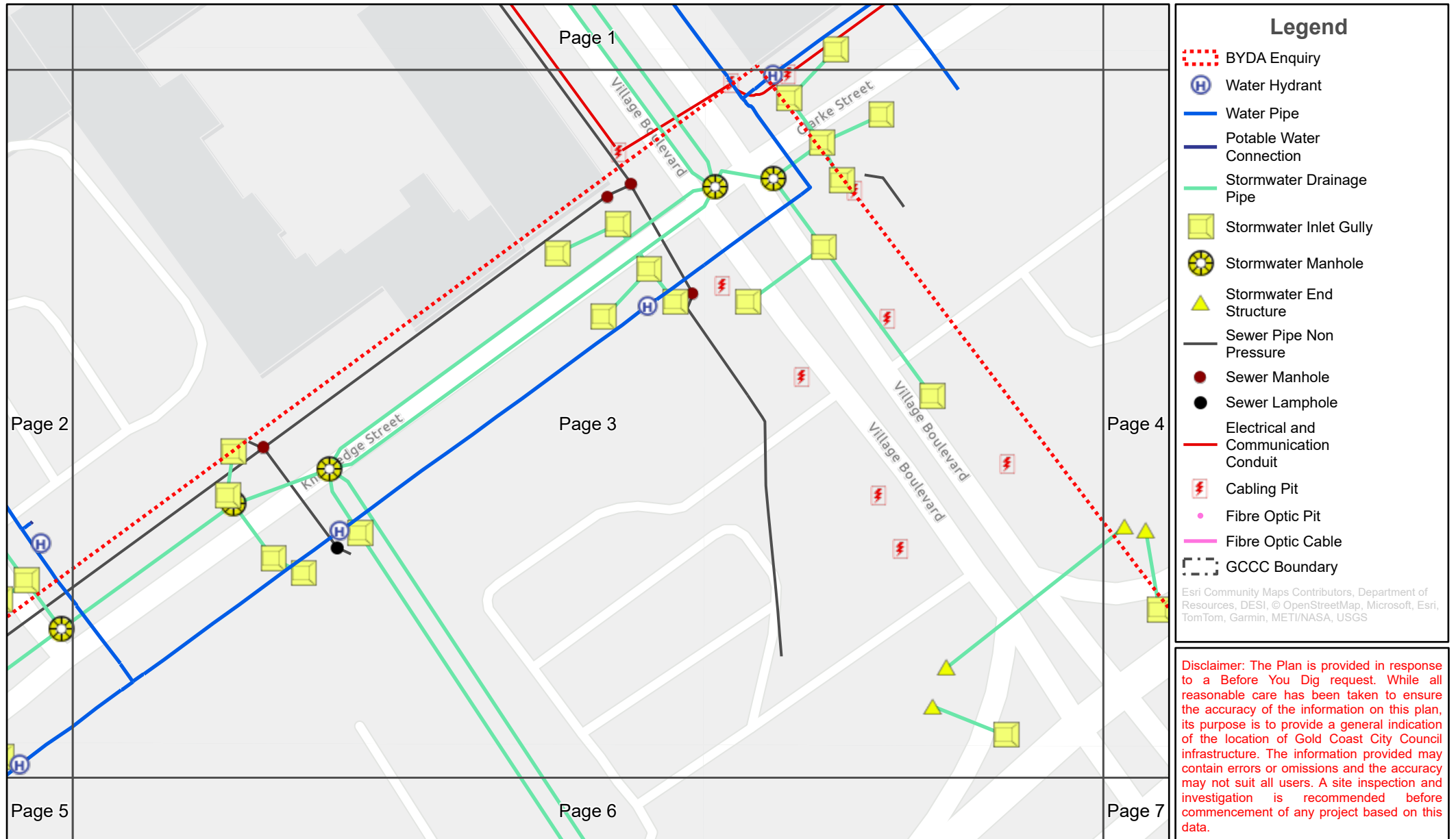
Plans generated by SmarterWX™ Automate



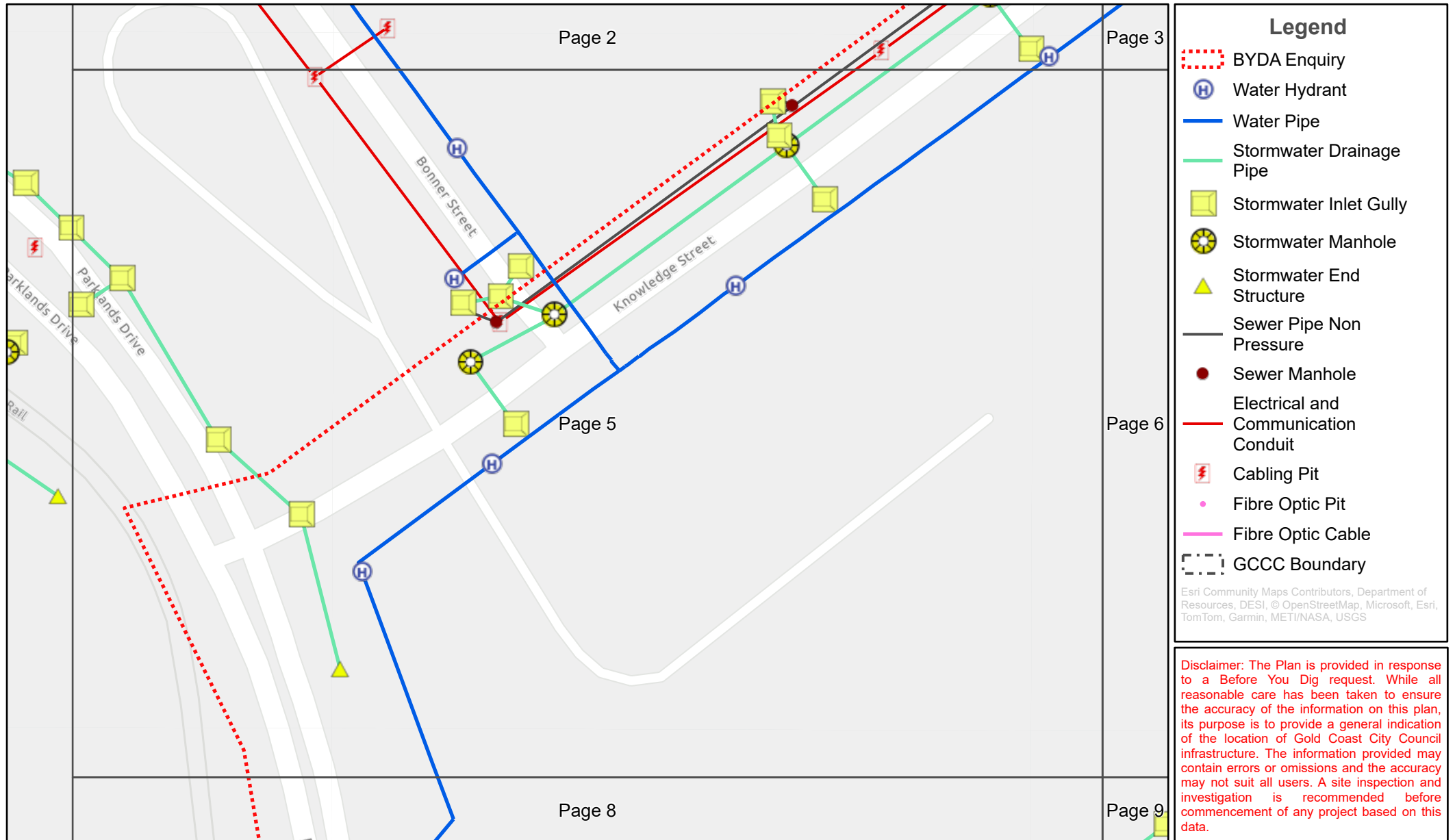
Scale 1:4,500

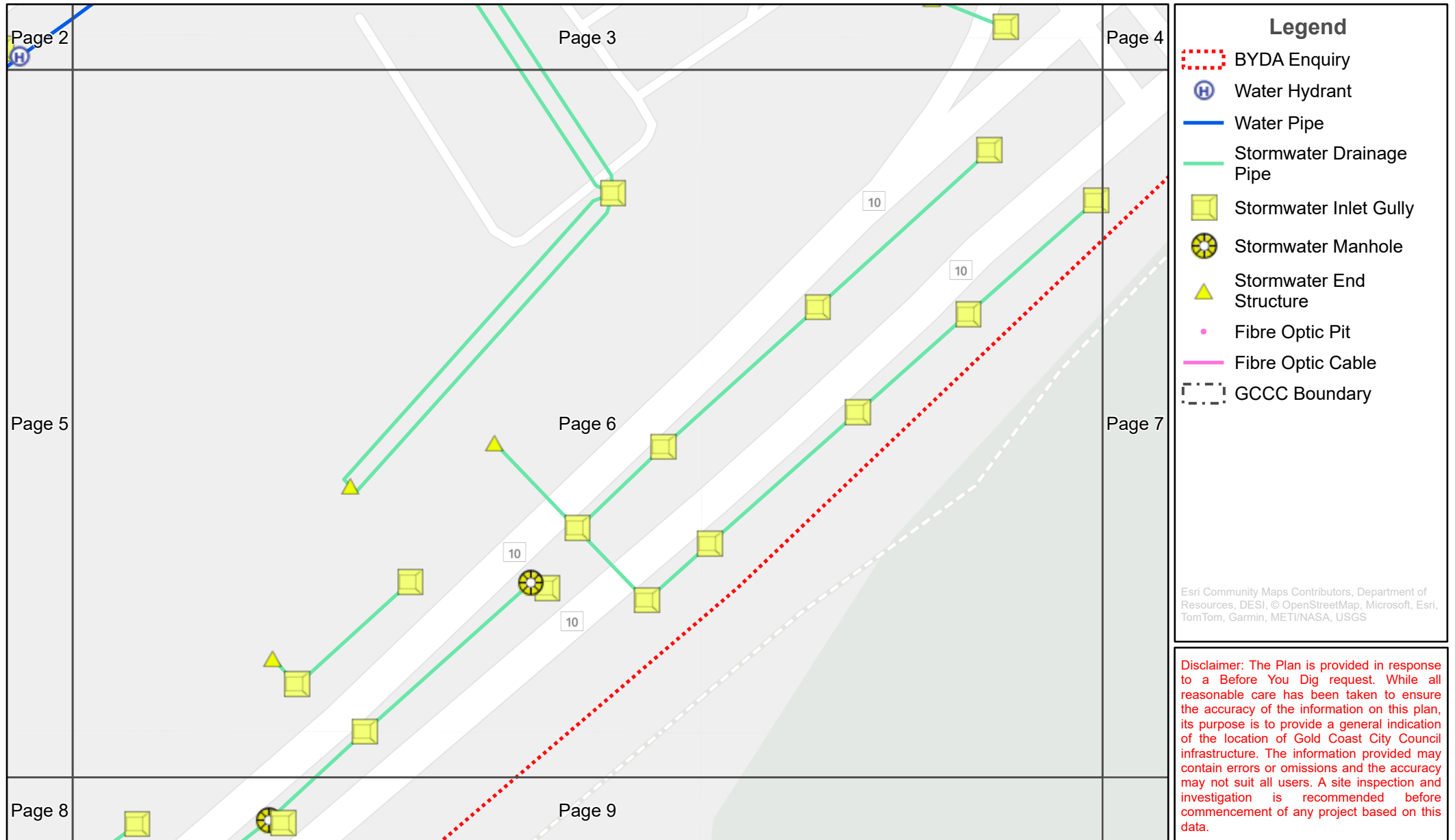


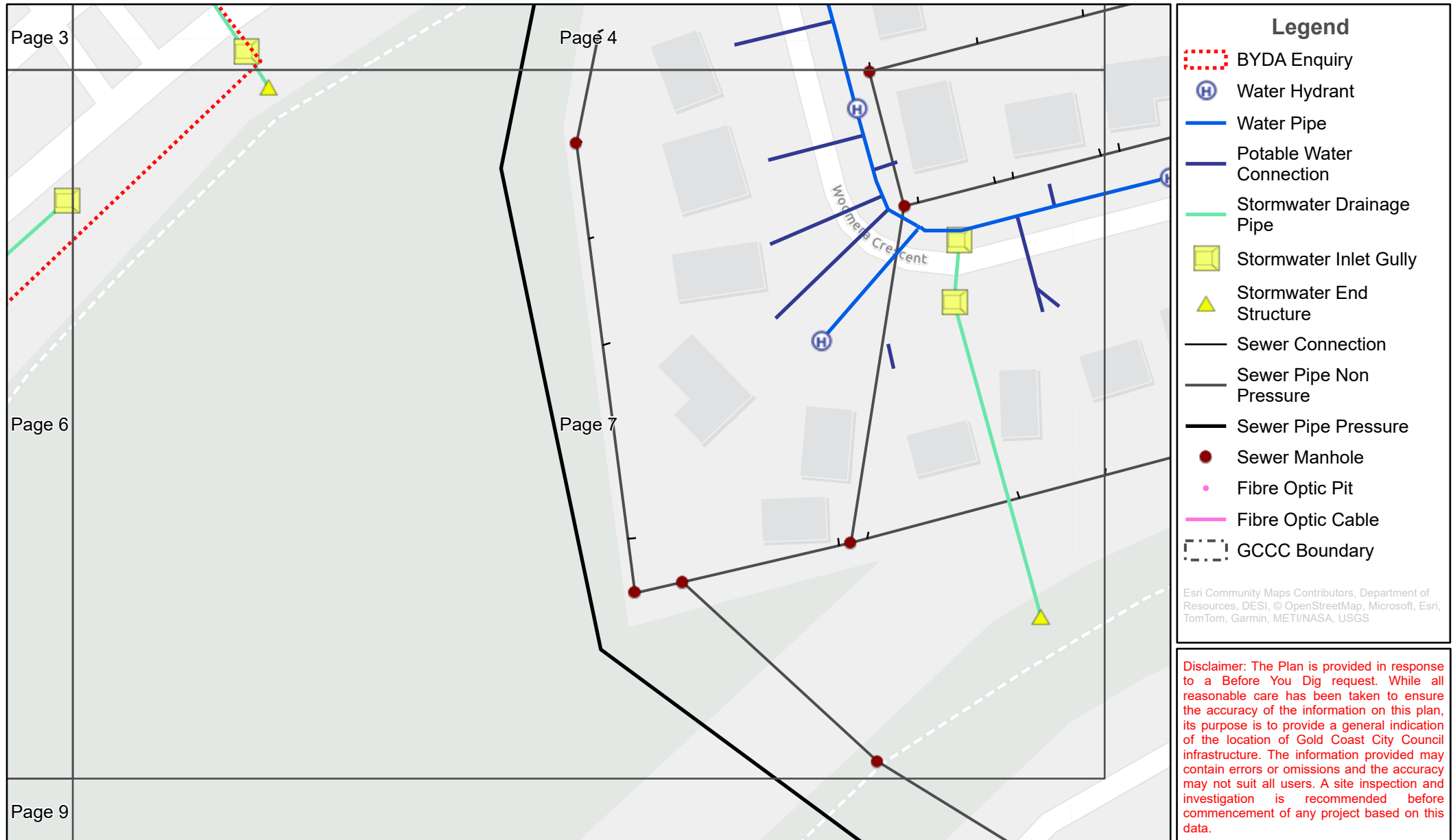


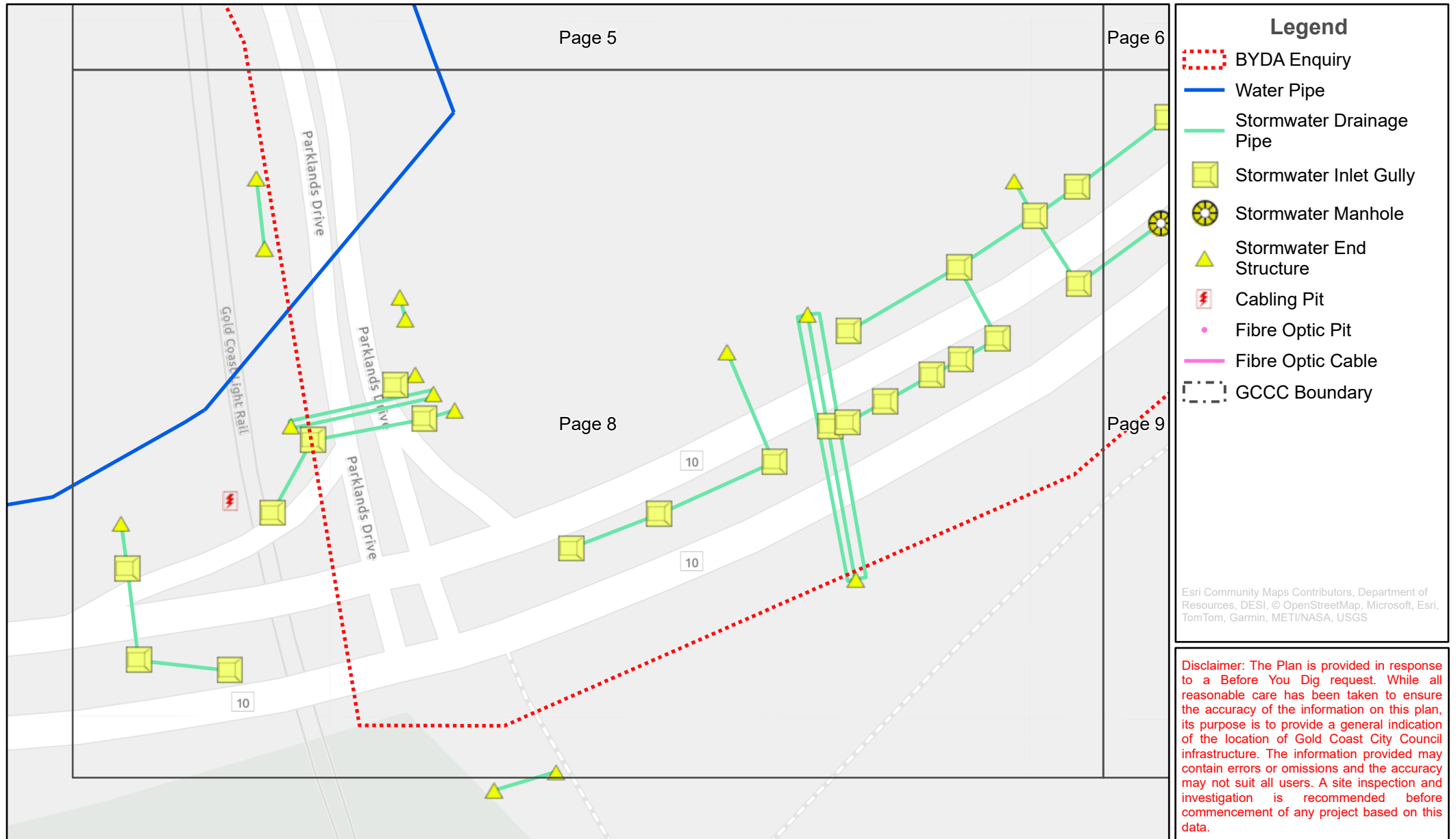


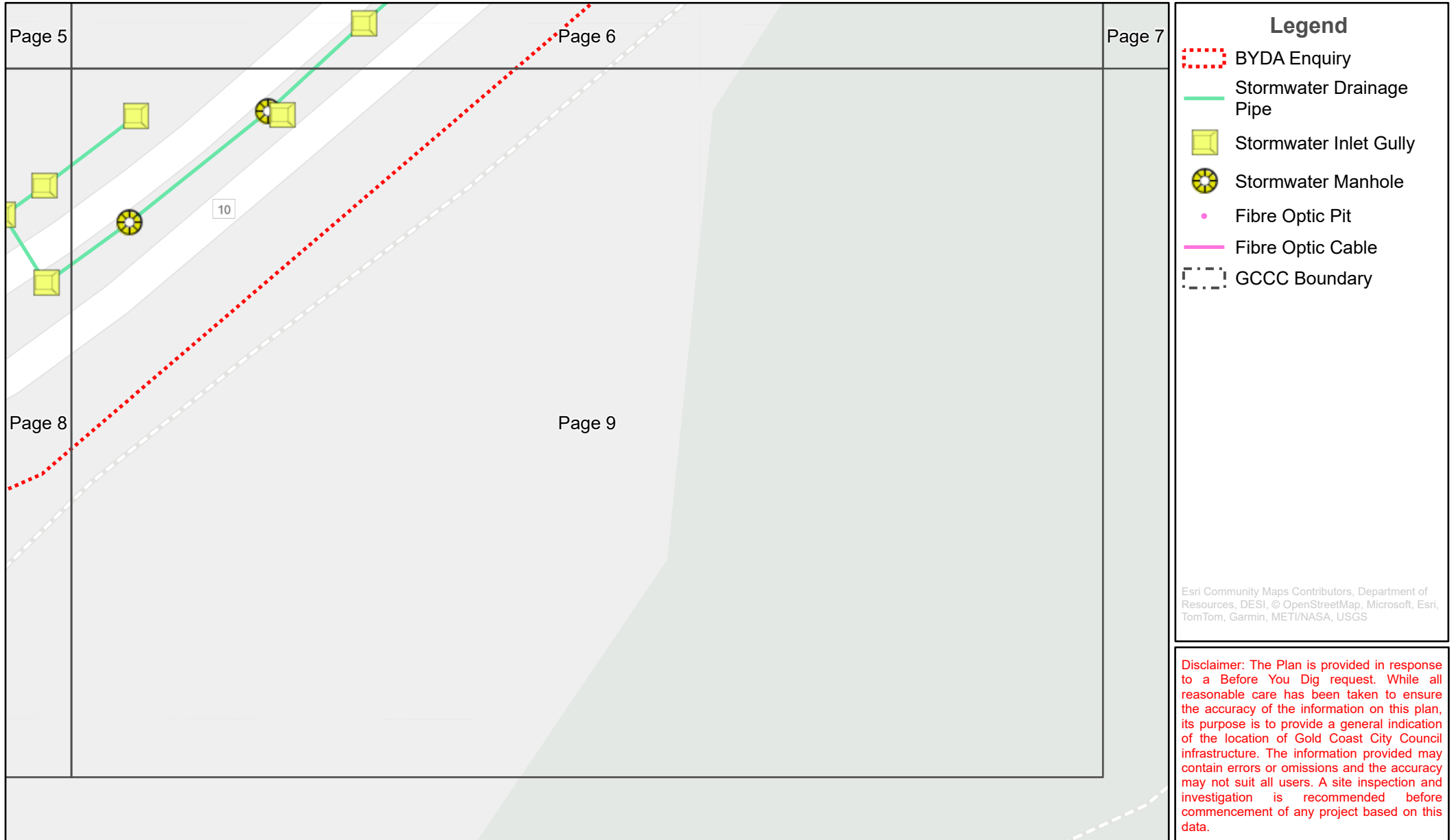














BYDA

Sequence: 259315576  
Date: 11/08/2025

Scale: 1:2050  
Tile No: **OVERVIEW**

CAUTION - HIGH  
VOLTAGE

LEGEND

- Substation
- Cable Marker
- Pit
- Pole
- Pillar
- LV Cable (up to 1kV)
- HV Cable (1kV - <33kV)
- HV Cable (33kV and over)
- Pit Boundary
- Planned Work Area

AS5488 Category "D" Plan



**DISCLAIMER:** While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Energex nor Pelican Corp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.



BYDA

Sequence: 259315576  
Date: 11/08/2025

Scale: 1:500  
Tile No: **Tile No: 1**

**CAUTION - HIGH  
VOLTAGE**

LEGEND

- Substation
- Cable Marker
- Pit
- Pole
- Pillar
- LV Cable (up to 1kV)
- HV Cable (1kV - <33kV)
- HV Cable (33kV and over)
- Pit Boundary
- Planned Work Area

AS5488 Category "D" Plan



**DISCLAIMER:** While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Energex nor Pelican Corp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.

All underground cables shall be treated as being energised. Where a cable is located that is not represented on the ENERGEX BYDA map, then ENERGEX shall be contacted immediately.

For Emergency Situations  
Please Call 13 19 62



BYDA

Sequence: 259315576  
Date: 11/08/2025

Scale: 1:500  
Tile No: **Tile No: 2**

**CAUTION - HIGH  
VOLTAGE**

LEGEND

- Substation
- Cable Marker
- Pit
- Pole
- Pillar
- LV Cable (up to 1kV)
- HV Cable (1kV - <33kV)
- HV Cable (33kV and over)
- Pit Boundary
- Planned Work Area

AS5488 Category "D" Plan



**DISCLAIMER:** While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Energex nor Pelican Corp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.



BYDA

Sequence: 259315576  
Date: 11/08/2025  
Scale: 1:500  
Tile No: **Tile No: 3**

CAUTION - HIGH  
VOLTAGE

LEGEND

- Substation
- Cable Marker
- Pit
- Pole
- Pillar
- LV Cable (up to 1kV)
- HV Cable (1kV - <33kV)
- HV Cable (33kV and over)
- Pit Boundary
- Planned Work Area

AS5488 Category "D" Plan



**DISCLAIMER:** While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Energex nor Pelican Corp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.



BYDA

Sequence: 259315576  
Date: 11/08/2025  
Scale: 1:500  
Tile No: **Tile No: 4**

CAUTION - HIGH  
VOLTAGE

LEGEND

- Substation
- Cable Marker
- Pit
- Pole
- Pillar
- LV Cable (up to 1kV)
- HV Cable (1kV - <33kV)
- HV Cable (33kV and over)
- Pit Boundary
- Planned Work Area

AS5488 Category "D" Plan



**DISCLAIMER:** While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Energex nor Pelican Corp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.



BYDA

Sequence: 259315576  
Date: 11/08/2025  
Scale: 1:500  
Tile No: **Tile No: 5**

**CAUTION - HIGH VOLTAGE**

LEGEND

- Substation
- Cable Marker
- Pit
- Pole
- Pillar
- LV Cable (up to 1kV)
- HV Cable (1kV - <33kV)
- HV Cable (33kV and over)
- Pit Boundary
- Planned Work Area

AS5488 Category "D" Plan



**DISCLAIMER:** While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Energex nor Pelican Corp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.



BYDA

Sequence: 259315576  
Date: 11/08/2025  
Scale: 1:500  
Tile No: **Tile No: 6**

**CAUTION - HIGH  
VOLTAGE**

LEGEND

- Substation
- Cable Marker
- Pit
- Pole
- Pillar
- LV Cable (up to 1kV)
- HV Cable (1kV - <33kV)
- HV Cable (33kV and over)
- Pit Boundary
- Planned Work Area

AS5488 Category "D" Plan



**DISCLAIMER:** While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Energex nor Pelican Corp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.



BYDA

Sequence: 259315576  
Date: 11/08/2025  
Scale: 1:500  
Tile No: **Tile No: 7**

**CAUTION - HIGH  
VOLTAGE**

LEGEND

- Substation
- Cable Marker
- Pit
- Pole
- Pillar
- LV Cable (up to 1kV)
- HV Cable (1kV – <33kV)
- HV Cable (33kV and over)
- Pit Boundary
- Planned Work Area

AS5488 Category “D” Plan



**DISCLAIMER:** While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Energex nor Pelican Corp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.

All underground cables shall be treated as being energised. Where a cable is located that is not represented on the ENERGEX BYDA map, then ENERGEX shall be contacted immediately.

For Emergency Situations  
Please Call 13 19 62



BYDA

Sequence: 259315576  
Date: 11/08/2025  
Scale: 1:500  
Tile No: **Tile No: 8**

**CAUTION - HIGH  
VOLTAGE**

LEGEND

-  Substation
-  Cable Marker
-  Pit
-  Pole
-  Pillar
-  LV Cable (up to 1kV)
-  HV Cable (1kV - <33kV)
-  HV Cable (33kV and over)
-  Pit Boundary
-  Planned Work Area

AS5488 Category "D" Plan



**DISCLAIMER:** While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Energex nor Pelican Corp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.



BYDA

Sequence: 259315576  
Date: 11/08/2025

Scale: 1:500  
Tile No: **Tile No: 9**

**CAUTION - HIGH  
VOLTAGE**

LEGEND

- Substation
- Cable Marker
- Pit
- Pole
- Pillar
- LV Cable (up to 1kV)
- HV Cable (1kV - <33kV)
- HV Cable (33kV and over)
- Pit Boundary
- Planned Work Area

AS5488 Category "D" Plan



**DISCLAIMER:** While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Energex nor Pelican Corp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.



BYDA

Sequence: 259315576  
Date: 11/08/2025  
Scale: 1:500  
Tile No: **Tile No: 10**

CAUTION - HIGH  
VOLTAGE

LEGEND

-  Substation
-  Cable Marker
-  Pit
-  Pole
-  Pillar
-  LV Cable (up to 1kV)
-  HV Cable (1kV - <33kV)
-  HV Cable (33kV and over)
-  Pit Boundary
-  Planned Work Area

AS5488 Category "D" Plan



**DISCLAIMER:** While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Energex nor Pelican Corp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.

**To:** Mark Hammel  
**Phone:** Not Supplied  
**Fax:** Not Supplied  
**Email:** mark.hammel@stantec.com

|                                   |                                              |                                                                                     |
|-----------------------------------|----------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Dial before you dig Job #:</b> | 50878152                                     |  |
| <b>Sequence #</b>                 | 259315572                                    |                                                                                     |
| <b>Issue Date:</b>                | 10/08/2025                                   |                                                                                     |
| <b>Location:</b>                  | 2 Village Boulevard , Southport , QLD , 4215 |                                                                                     |

Indicative Plans are tiled below to demonstrate how to layout and read nbn asset plans

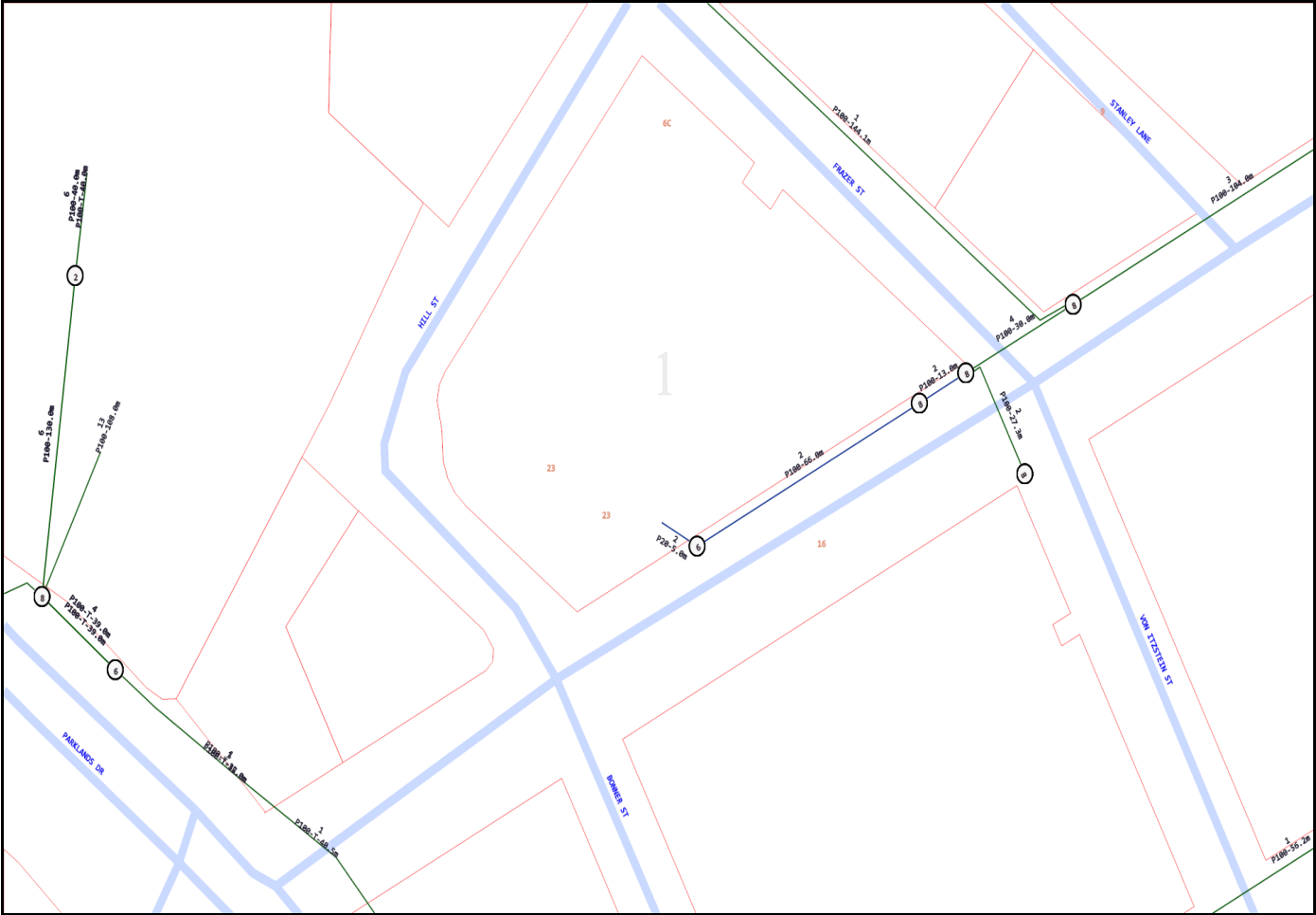
|   |   |
|---|---|
| 1 | 4 |
| 2 | 5 |
| 3 | 6 |

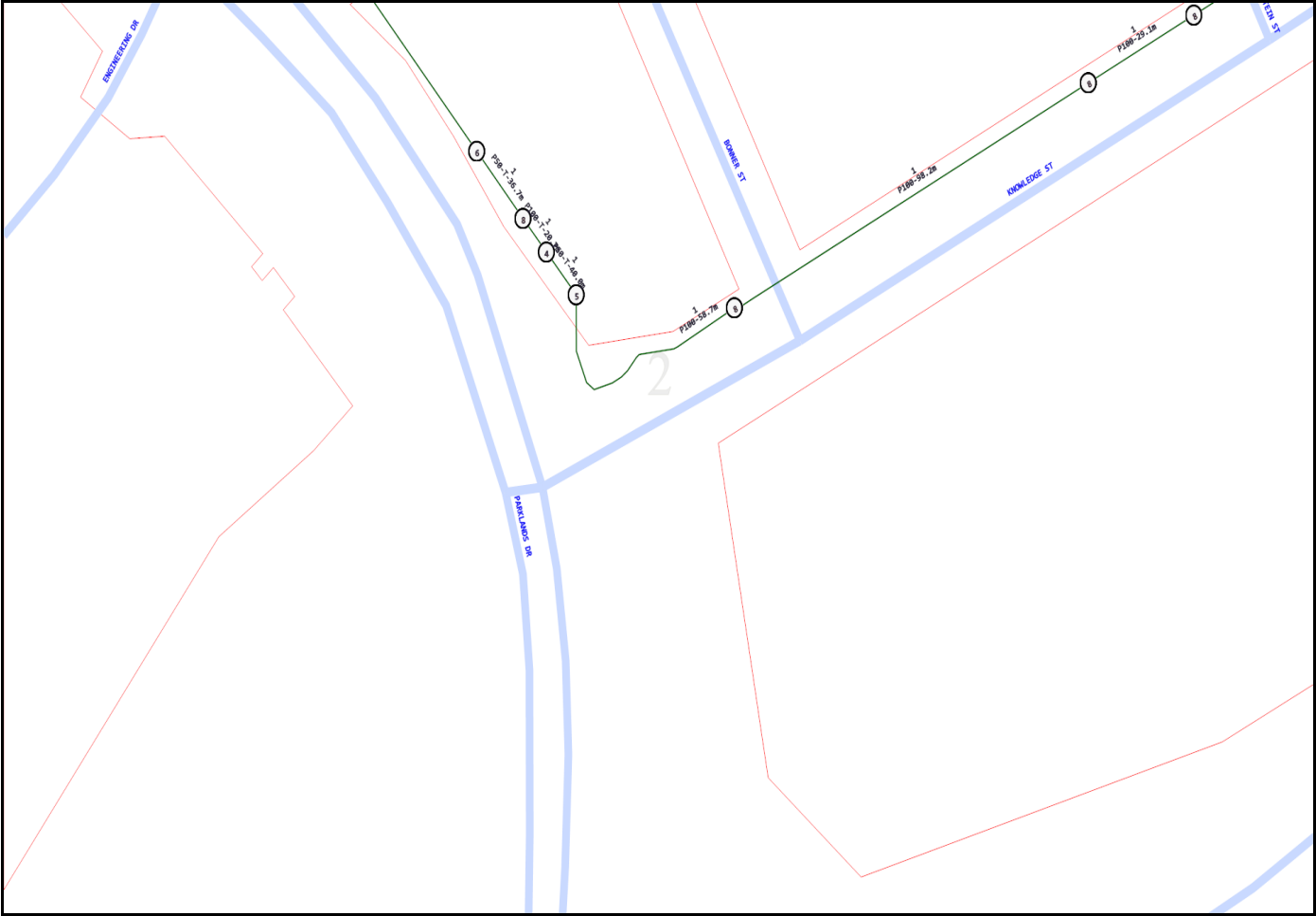


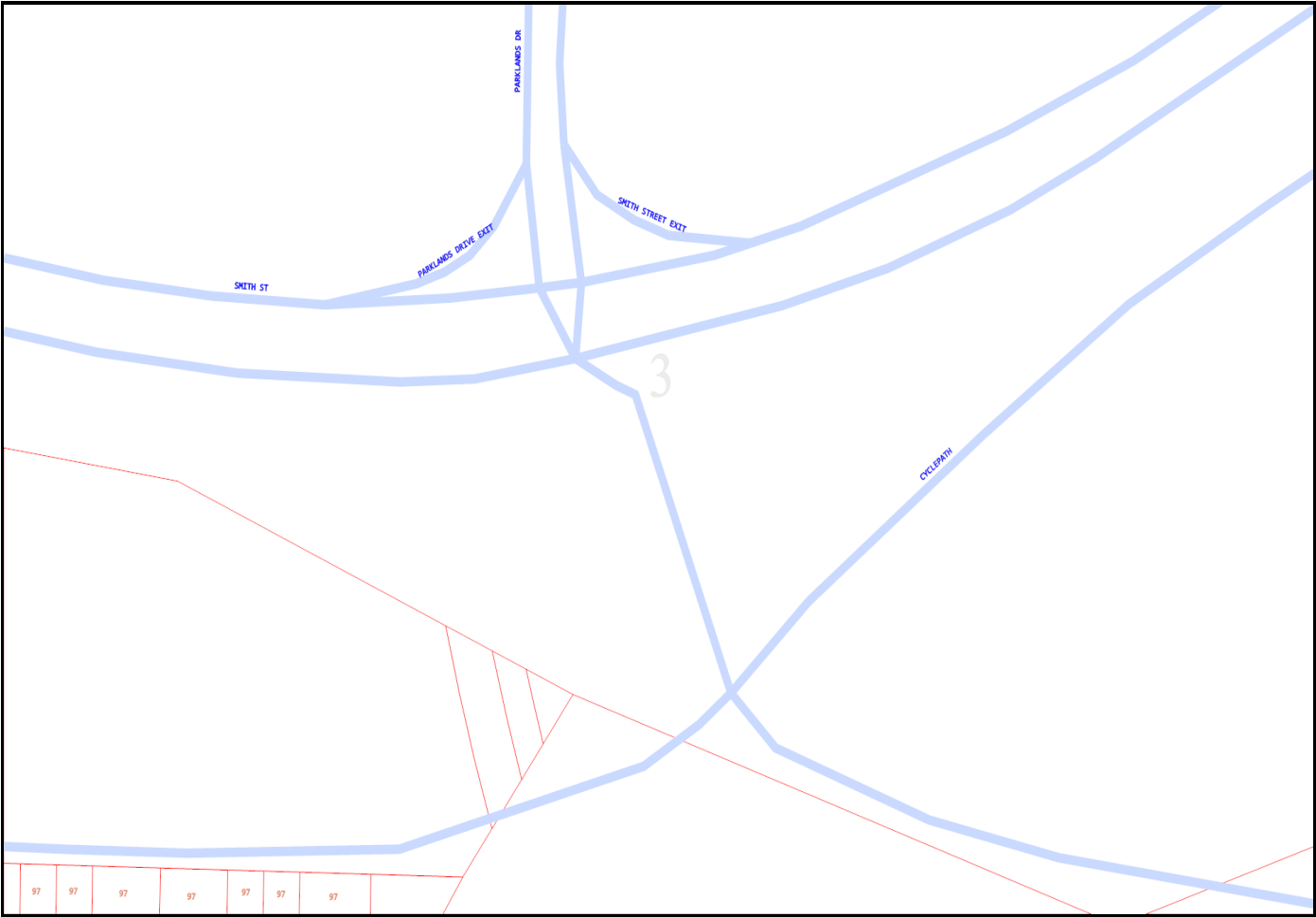
## LEGEND

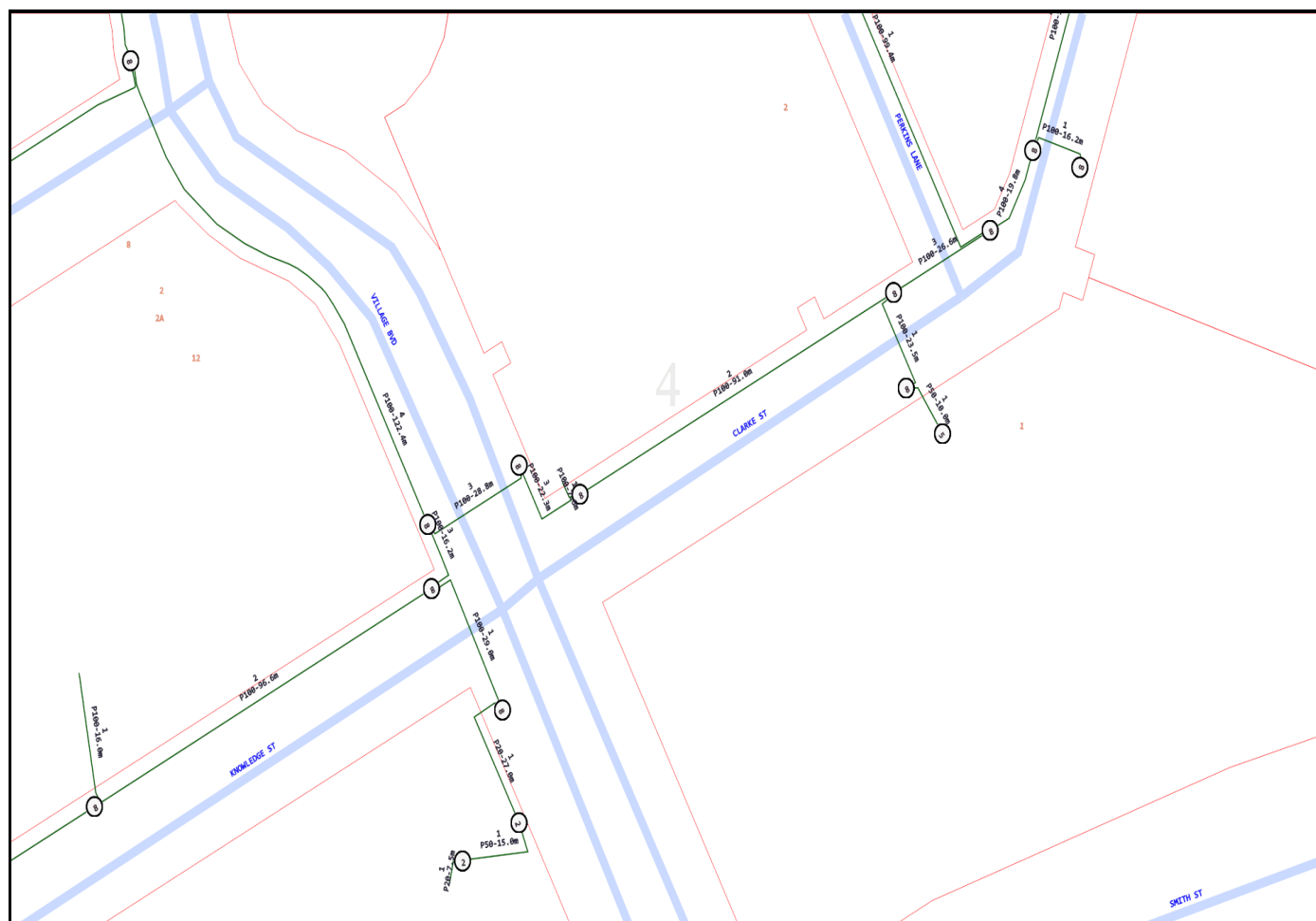


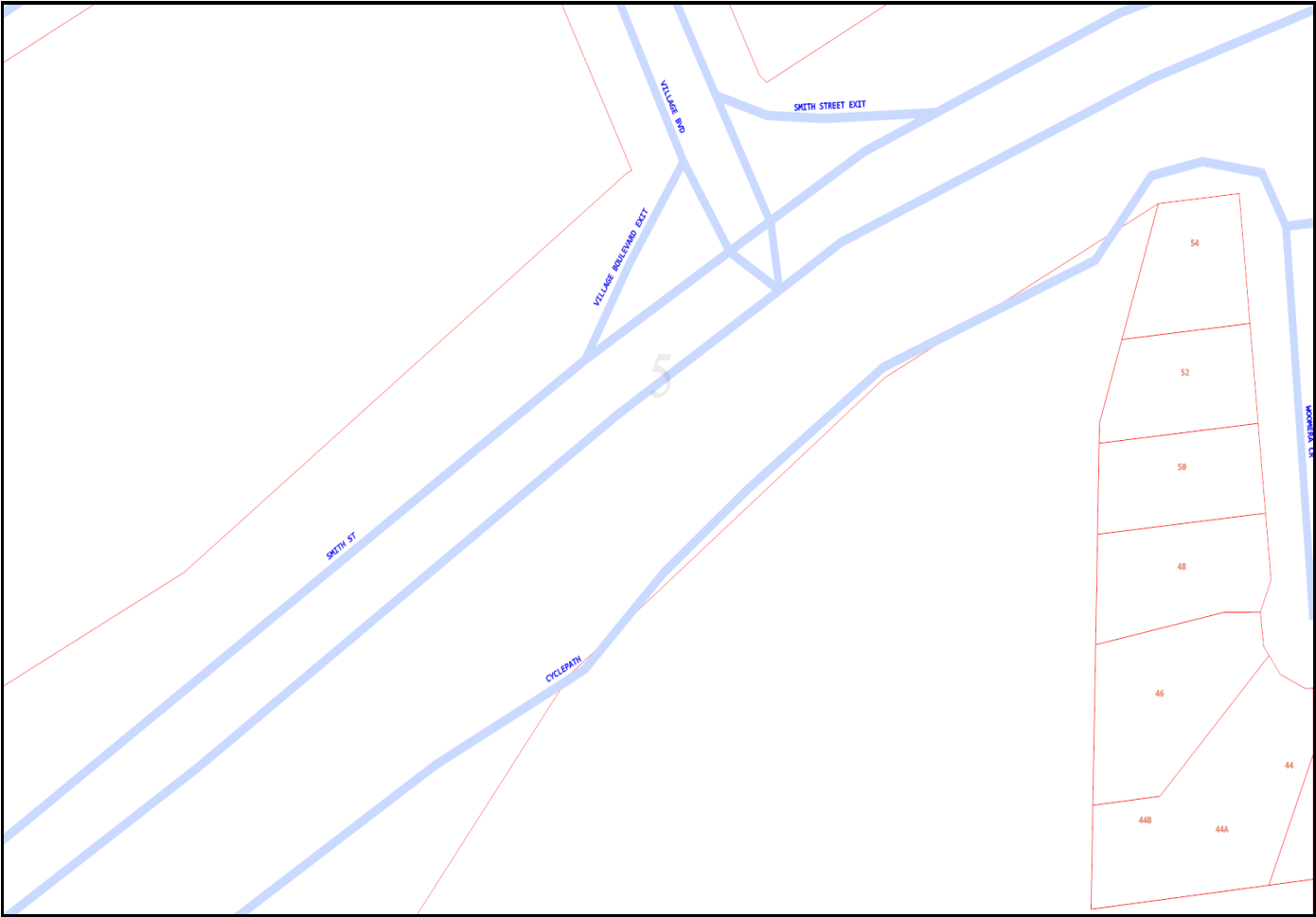
|       |                                                                                                                                                                                                                                              |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       | Parcel and the location                                                                                                                                                                                                                      |
|       | Pit with size "5"                                                                                                                                                                                                                            |
|       | Power Pit with size "2E".<br>Valid PIT Size: e.g. 2E, 5E, 6E, 8E, 9E, E, null.                                                                                                                                                               |
|       | Manhole                                                                                                                                                                                                                                      |
|       | Pillar                                                                                                                                                                                                                                       |
|       | Cable count of trench is 2.<br>One "Other size" PVC conduit (PO) owned by Telstra (-T-), between pits of sizes, "5" and "9" are 25.0m apart.<br>One 40mm PVC conduit (P40) owned by NBN, between pits of sizes, "5" and "9" are 20.0m apart. |
|       | 2 Direct buried cables between pits of sizes, "5" and "9" are 10.0m apart.                                                                                                                                                                   |
|       | Trench containing any <b>INSERVICE/CONSTRUCTED</b> (Copper/RF/Fibre) cables.                                                                                                                                                                 |
|       | Trench containing only <b>DESIGNED/PLANNED</b> (Copper/RF/Fibre/Power) cables.                                                                                                                                                               |
|       | Trench containing any <b>INSERVICE/CONSTRUCTED</b> (Power) cables.                                                                                                                                                                           |
|       | Road and the street name "Broadway ST"                                                                                                                                                                                                       |
| Scale | 0 20 40 60 Meters<br>1:2000<br><br>1 cm equals 20 m                                                                                                                                                                                          |

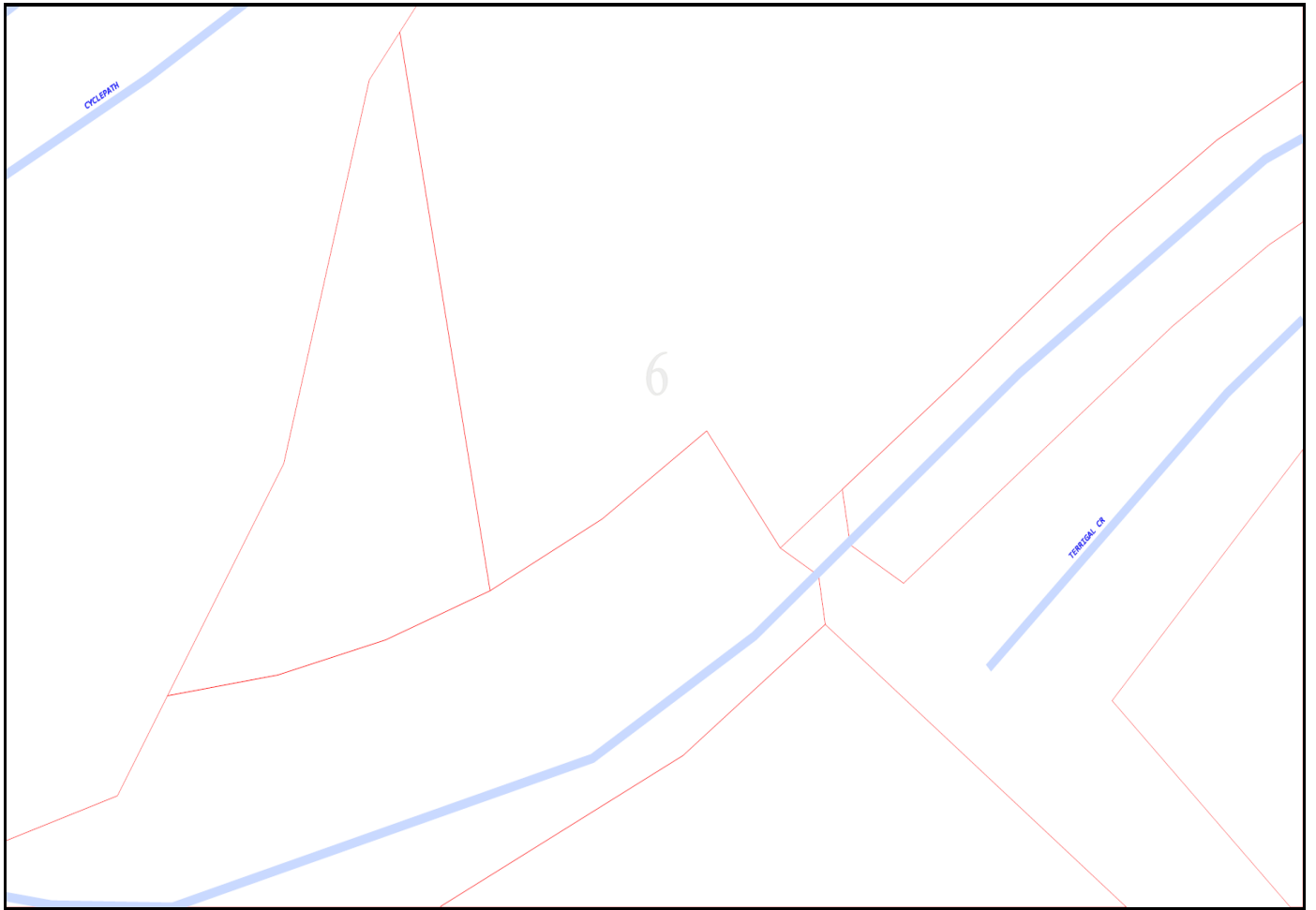








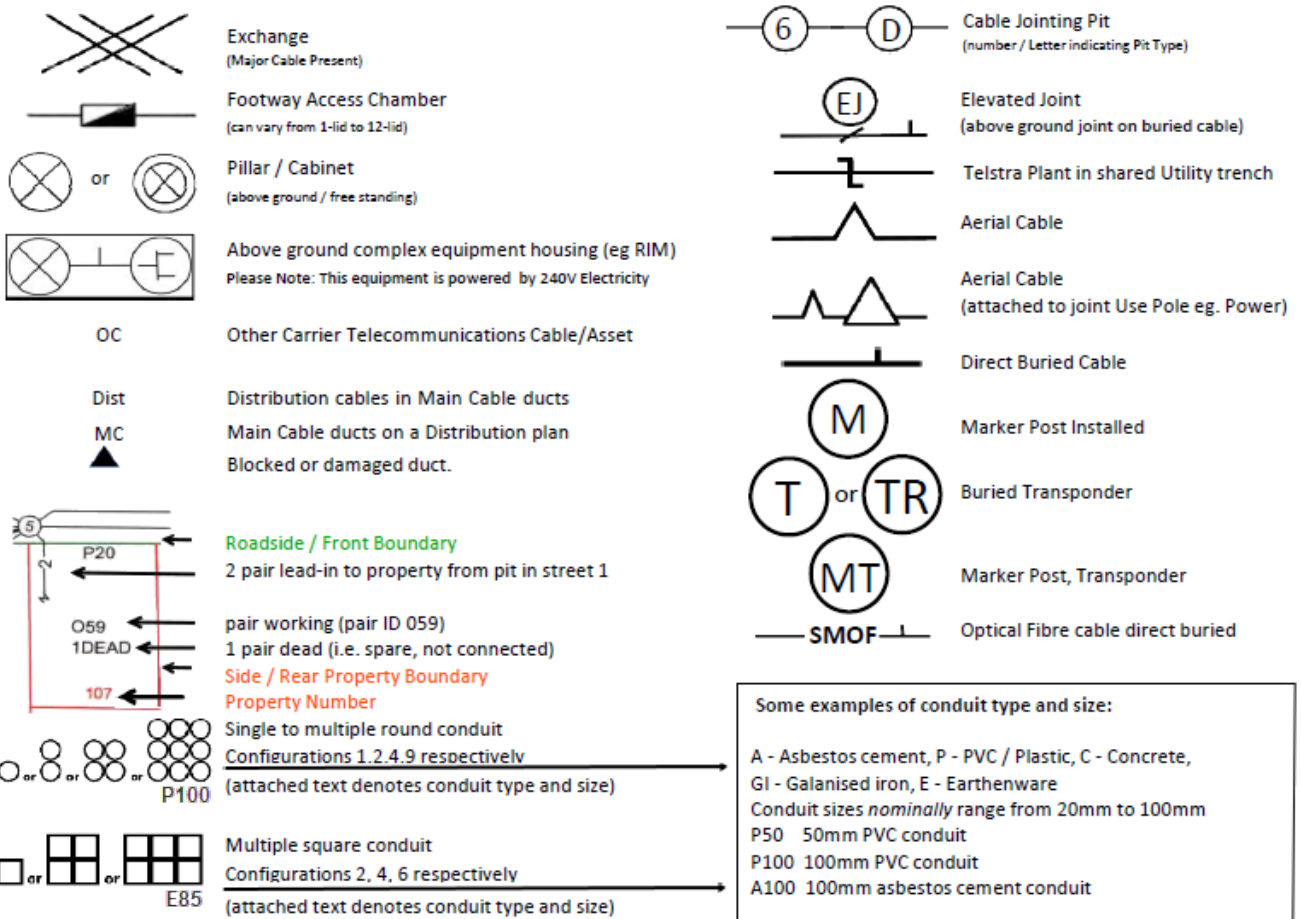




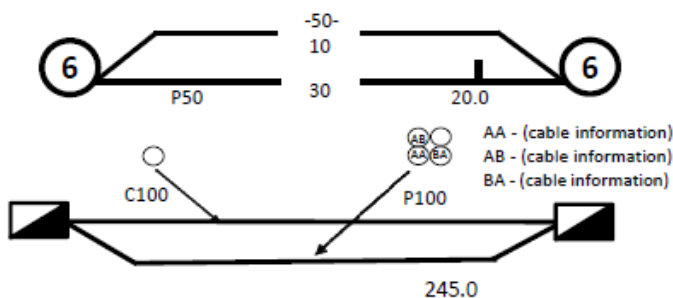
## Emergency Contacts

You must immediately report any damage to the **nbn**™ network that you are/become aware of. Notification may be by telephone - 1800 626 329.

## LEGEND



### Some Examples of how to read Telstra Plans



One 50mm PVC conduit (P50) containing a 50-pair and a 10-pair cable between two 6-pits, approximately 20.0m apart, with a direct buried 30-pair cable along the same route

Two separate conduit runs between two footway access chambers (manholes) approximately 245m apart. A nest of four 100mm PVC conduits (P100) containing assorted cables in three ducts (one being empty) and one empty 100mm concrete duct (C100) along

## Protect our Network:

by maintaining the following distances from our assets:

- 1.0m Mechanical Excavators, Farm Ploughing, Tree Removal
- 500mm Vibrating Plate or Wacker Packer Compactor
- 600mm Heavy Vehicle Traffic (over 3 tonnes) not to be driven across Telstra ducts or plant.
- 1.0m Jackhammers/Pneumatic Breakers
- 2.0m Boring Equipment (in-line, horizontal and vertical)

For more info contact a [CERTLOC Certified Locating Organisation \(CLO\)](#) or Telstra Location Intelligence Team 1800 653 935



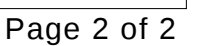
|                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                           |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>Report Damage:<a href="https://service.telstra.com.au/customer/general/forms/report-damage-to-telstra-1">https://service.telstra.com.au/customer/general/forms/report-damage-to-telstra-1</a><br/>Ph - 13 22 03<br/>Email - <a href="mailto:Telstra.Plans@team.telstra.com">Telstra.Plans@team.telstra.com</a><br/>Planned Services - ph 1800 653 935 (AEST bus hrs only) General Enquiries</p> | <p>Sequence Number: 259315577</p>                                                                                                                                         |
| <p>TELSTRA LIMITED A.C.N. 086 174 781<br/>Generated On 11/08/2025 09:30:02</p>     |                                                                                                                                                                                                                                                                                                                                                                                                    | <p>CAUTION: Fibre optic and/ or major network present in plot area. Please read the Duty of Care and contact Telstra Plan Services should you require any assistance.</p> |

The above plan must be viewed in conjunction with the Mains Cable Plan on the following page

**WARNING**  
Telstra plans and location information conform to Quality Level "D" of the Australian Standard AS 5488-Classification of Subsurface Utility Information. As such, Telstra supplied location information is indicative only. Spatial accuracy is not applicable to Quality Level D. Refer to AS 5488 for further details. The exact position of Telstra assets can only be validated by physically exposing it. Telstra does not warrant or hold out that its plans are accurate and accepts no responsibility for any inaccuracy. Further on site investigation is required to validate the exact location of Telstra plant prior to commencing construction work. A Certified Locating Organisation is an essential part of the process to validate the exact location of Telstra assets and to ensure the asset is protected during construction works.

See the Steps- Telstra Duty of Care that was provided in the email response.

Page 1 of 2

[illegible]

Date: 11 Aug 2025  
To: Mark Hammel  
Company: Not Supplied  
Address: 3027 The Boulevard  
Carrara, QLD 4211

## ENQUIRY DETAILS

Location: 2 Village Boulevard, Southport, QLD 4215  
Sequence No.: 259315573  
BYDA Reference: 50878152

In relation to your enquiry concerning the above location, Optus advises as follows:

**Optus records indicate that there ARE underground Optus FIBRE OPTIC TELECOMMUNICATIONS ASSETS in the vicinity of the above location as per the attached drawing(s).**

**PLEASE NOTE that any interference with these assets may be considered an offence under the Criminal Code Act 1995 (Cth). Optus reserves the right to seek compensation for loss or damage to its assets including consequential loss.**

**This reply is valid for a period of 30 days from the date above.**

## IMPORTANT INFORMATION

Asset location drawings provided by Optus are reference diagrams and are provided as a guide only. The completeness of the information in these drawings cannot be guaranteed. Exact ground cover and alignments cannot be provided with any certainty as these may have altered over time. Depths of telecommunications assets vary considerably as do alignments. It is essential to identify the location of any Optus assets in the vicinity prior to engaging in any works.

**All Optus assets in the vicinity of any planned works will need to be electronically located to ascertain their general location. Depending on the scope of planned works in the vicinity, the assets may also need to be physically located.**

**YOU MUST ENGAGE THE SERVICES OF ONE OF THE OPTUS ASSET ACCREDITED LOCATORS TO CARRY OUT ASSET LOCATION (REFER LIST OF ACCREDITED LOCATORS AT THE END OF THIS OPTUS RESPONSE).**

**Unless otherwise agreed with Optus, where an on-site asset location is required, the requestor is responsible for all costs associated with the locating service including (where required) physically exposing the Optus asset.**

## DUTY OF CARE

When working in the vicinity of telecommunications assets you have a legal "Duty of Care" and non-interference that must be observed.

It is your responsibility as the requesting party (as a landowner or any other party involved in the planned works) to design for minimal impact to any existing Optus asset. Optus can assist at the design stage through consultation.

It is also your, as the requesting party (or your representative's), responsibility to:

- Obtain location drawings (through the Before You Dig Australia process) of any existing Optus assets at a reasonable time before any planned works begin;
- Have an Optus Accredited Asset Locator identify the general location of the Optus asset and physically locate the asset where planned works may encroach on its alignment; and
- Contact Optus for further advice where requested to do so by this letter.

## **DAMAGE TO ANY OPTUS ASSET MUST BE REPORTED TO 1800 505 777 IMMEDIATELY**

You, your head contractor, and any relevant subcontractor are all responsible for any Optus asset damage as a result of planned activities in the vicinity of Optus assets.

This applies where works commence prior to obtaining Optus drawings, where there is failure to follow instructions or during any construction activities.

**Optus reserves the right to recover compensation for loss or damage to its assets including consequential loss. Also, you, your head contractor and any relevant subcontractor may also be liable for prosecution under the Criminal Code Act 1995 (Cth).**

## **ASSET RELOCATIONS**

You are not permitted by law to relocate, alter or interfere with any Optus asset under any circumstance. Any unauthorised interference with an Optus asset may lead to prosecution under the Criminal Code Act 1995 (Cth). Enquiries relating to the relocation of Optus assets must be referred to the relevant Optus Damages and Relocations Team (refer to "FURTHER ASSISTANCE").

## **APPROACH DISTANCES**

On receipt of Optus asset location drawings and prior to commencing any planned works near an Optus asset, engage an Optus Accredited Locator to undertake a general location of the Optus asset.

Physical location of the Optus asset by an Optus Accredited Locator will also be required where planned works are within the following approach distances of the general location of the Optus asset:

- In built up metropolitan areas where road and footpaths are well defined by kerbs or other features a minimum clear distance of 1 meter must be maintained from the general location of the Optus asset.
- In non-established or unformed metropolitan areas, a minimum clear distance of 3 meters must be maintained from the general location of the Optus asset.
- In country or rural areas where wider variations may exist between the general and actual location of an Optus asset may exist, then a minimum clear distance of 5 meters must be maintained from the general location of the Optus asset.

If planned works are parallel to the Optus asset, then the Optus asset must be physically located by an Optus Accredited Locator at a minimum of 5 meter intervals along the length of the parallel works prior to work commencing.

Under no circumstances is crossing of any Optus asset permitted without physical location of the asset being carried out by an Optus Accredited Locator. Depending on the asset involved an Optus representative may be required onsite.

The minimum clearances to the physical location of Optus assets for the following specific types of works must be maintained at all times.

**Note: Where the clearances in the following table cannot be maintained or where the type of work differs from those listed then advice must be sought from the relevant Optus Damages and Relocations Team (refer to "FURTHER ASSISTANCE").**

| Type of Works                                                                                                    | Clearance to Physical Location of Optus Asset                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Jackhammers / Pneumatic Breakers                                                                                 | Not within 1 meter.                                                                                                                                                                                                                                                                                                                        |
| Light duty Vibrating Plate or Wacker Packer type compactors (not heavy road construction vibrating rollers etc.) | 500mm compact clearance cover before a light duty compactor can be used over any Optus conduit.<br><br>No compaction permitted over Optus direct buried cable without prior approval from Optus.                                                                                                                                           |
| Boring Equipment (in-line, horizontal and vertical)                                                              | Not within 5 meters parallel of the Optus asset location without an Accredited Optus Asset Locator physically exposing the Optus asset and with an Optus representative onsite.<br><br>Not to cross the Optus asset without an Accredited Optus Asset Locator physically exposing the Optus asset and with an Optus representative onsite. |

| Type of Works                                                                                    | Clearance to Physical Location of Optus Asset                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Heavy vehicle Traffic (over 3 tonnes)                                                            | <p>Not to be driven across Optus conduits with less than 600mm of cover.</p> <p>Not to be driven across Optus direct buried cable with less than 1.2 meters of cover.</p> <p>Once off crossings permitted, multiple crossing (e.g. road construction or logging) will require Optus approval.</p> <p>Accredited Optus Asset Locator to physically expose the Optus asset to verify actual depth.</p> |
| Mechanical Excavators, Farm Ploughing, Vertical Hole installation for water bore or fencing etc. | <p>Not within 1 meter.</p> <p>Accredited Optus Asset Locator to physically expose the Optus asset to verify actual location.</p>                                                                                                                                                                                                                                                                     |

### ASSET CLEARANCES AFTER COMPLETION OF WORKS

All Optus pits and manholes must be a minimum of 1 meter from the back of any kerb, 3.5 meters of the road surface without a kerb or not within 15 meters of street intersection.

In urban areas Optus conduit must have the following minimum depth of cover:

- Footway 600mm;
- Roadway 1 meter at drain invert and at road centre crown.

In rural areas Optus conduit must have a minimum depth of cover of 1 meter and direct buried cable 1.2 meters.

In cases where it is considered that the above clearances cannot be maintained at the completion of works, advice must be sought from the relevant Optus Damages and Relocations Team (refer "Further Assistance").

### FURTHER ASSISTANCE

Further assistance on asset clearances, protection works, or relocation requirements can be obtained by contacting the relevant Optus Damages and Relocations Team on the following email address:

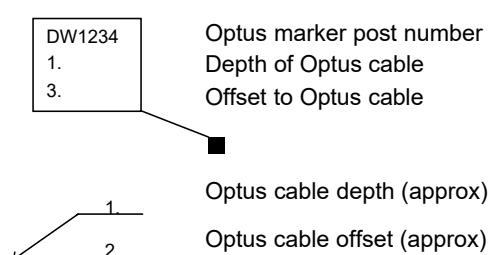
[NFODamages&RelocationsDropbox@optus.com.au](mailto:NFODamages&RelocationsDropbox@optus.com.au)

Further assistance relating to asset location drawings etc. can be obtained by contacting the Optus Network Operations Asset Analysis Team on 1800 505 777.

### OPTUS ENGINEERING DRAWING SYMBOLS

|  |                                      |  |                           |
|--|--------------------------------------|--|---------------------------|
|  | Optus underground cable              |  | Optus manhole/pit         |
|  | Optus underground IOF cable          |  | Other Utility manhole/pit |
|  | Optus conduit                        |  | Optus marker post         |
|  | Optus cable in Other Utility conduit |  | Railway / Tram line       |
|  | Southern Cross conduit               |  | Highway / Major Road      |
|  | Indigo conduit                       |  | Arterial Road             |
|  | Uecomm conduit                       |  | Council Road - minor      |
|  | Optus aerial fibre cable             |  |                           |

|  |                                                     |
|--|-----------------------------------------------------|
|  | Optus underground cable                             |
|  | Optus cable buried jointly with third party utility |
|  | Optus cable in conduit with subducts                |





## Optus Accredited Asset Locators

| Name             | Company Name                                      | Phone          | Email                                                                                      | State              | Region/Service Area                                          |
|------------------|---------------------------------------------------|----------------|--------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------|
| Drew Misko       | Australian Subsurface Pty Ltd                     | 0427 879 600   | <a href="mailto:admin@australiansubsurface.com">admin@australiansubsurface.com</a>         | ALL                | ALL                                                          |
| Andrew Watson    | Subsurface Mapping Solutions Pty Ltd              | 0408 839 723   | <a href="mailto:admin@subsurfacems.com.au">admin@subsurfacems.com.au</a>                   | ALL (Not TAS)      | South East QLD + Aus wide                                    |
| Chris Gordon     | Heavy Construction Solutions                      | 1300 859 027   | <a href="mailto:chris.gordon@heavycs.com.au">chris.gordon@heavycs.com.au</a>               | VIC,NSW,QLD,SA TAS | All                                                          |
| Alan Cordner     | Alcom Fibre Services Pty Ltd                      | 0400 300 337   | <a href="mailto:alcomfibre@bigpond.com">alcomfibre@bigpond.com</a>                         | NSW                | Sydney, NSW                                                  |
| Daniel Rogers    | D&D Rogers Pty Ltd T/as Bradmac Locating Services | 0407662605     | <a href="mailto:info@bradmaclocating.com.au">info@bradmaclocating.com.au</a>               | NSW                | Sydney and surrounds                                         |
| Shane Buckley    | Cable & Pipe Locations Pty Ltd                    | 0408730430     | <a href="mailto:shane@cableandpipelocations.com.au">shane@cableandpipelocations.com.au</a> | NSW                | North Coast , Mid North Coast, Central West, Northern Rivers |
| Annabelle Pegler | Down Under Detection Services (DUDS)              | 0418 267 964   | <a href="mailto:apegler@duds.net.au">apegler@duds.net.au</a>                               | NSW                | All                                                          |
| George Koenig    | Downunder Locations                               | 0438243856     | <a href="mailto:downunderlocations@gmail.com">downunderlocations@gmail.com</a>             | NSW                | Tweed Heads/Gold Coast                                       |
| Michael Grant    | M&K Grant Bega Bobcats Pty Ltd                    | 0427 260 423   | <a href="mailto:zzbobcat@bigpond.net.au">zzbobcat@bigpond.net.au</a>                       | NSW                | Bega, Far South Coast                                        |
| Antony Critcher  | Geotrace Australia Pty Ltd                        | 0417 147 945   | <a href="mailto:antony@geotrace.com.au">antony@geotrace.com.au</a>                         | NSW                | All Areas, Sydney, Wollongong, Newcastle, ACT                |
| Sarah Martin     | Hydro Digga                                       | 0447 774 000   | <a href="mailto:admin@hydrodigga.com">admin@hydrodigga.com</a>                             | NSW                | Mid North Coast                                              |
| Nathan Ellis     | Utility Locating Services                         | 0404 087 555   | <a href="mailto:nathan@uls.com.au">nathan@uls.com.au</a>                                   | NSW                | Sydney                                                       |
| Scott O'Malley   | Coastal Cable Locators Pty Ltd                    | 0427 975 777   | <a href="mailto:skomalley@bigpond.com">skomalley@bigpond.com</a>                           | NSW                | South Coast- Snowy Mountains- Southern Highlands             |
| Liam Bolger      | Brandon Construction Services                     | 0438 044 008   | <a href="mailto:liam.bolger@hotmail.com">liam.bolger@hotmail.com</a>                       | NSW                | Sydney                                                       |
| Laura Elvery     | Durkin Construction Pty Ltd                       | 02 9712 0308   | <a href="mailto:info@durkin.au">info@durkin.au</a>                                         | NSW                | NSW                                                          |
| Shireen Sidhu    | Locate & Map                                      | (02) 8753 0049 | <a href="mailto:admin@locateandmap.com.au">admin@locateandmap.com.au</a>                   | NSW                | Sydney & Regional NSW only                                   |

|                                 |                                                      |                |                                                                                                    |         |                                                                                    |
|---------------------------------|------------------------------------------------------|----------------|----------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------|
| Ken Browne                      | Riteway Traffic Control Pty Ltd                      | 0419 212 969   | <a href="mailto:kbrowne@ritewaytc.com.au">kbrowne@ritewaytc.com.au</a>                             | NSW     | Central Coast, Hunter                                                              |
| Jean-Max Monty                  | Civilscan                                            | 1300 575 488   | <a href="mailto:info@civilscan.com.au">info@civilscan.com.au</a>                                   | NSW     | Sydney, Central Coast, Hunter, Blue Mountains, Southern Highlands, Illawarra       |
| Scott Hunter                    | Hunter Ground Search                                 | 0409327345     | <a href="mailto:admin@hunter-groundsearch.net.au">admin@hunter-groundsearch.net.au</a>             | NSW     | Hunter, Upper Hunter, Central Coast, Newcastle                                     |
| Damien Black                    | Mid North Coast Hydro Digging & Service Locating P/L | 0418 409 465   | <a href="mailto:djblack1@bigpond.com">djblack1@bigpond.com</a>                                     | NSW     | Mid North Coast                                                                    |
| Michael Nicholls                | Utility Mapping NSW                                  | 1300 627 746   | <a href="mailto:sydney@utilitymapping.com.au">sydney@utilitymapping.com.au</a>                     | NSW     | All NSW                                                                            |
| Joseph Restuccia                | ProLocate                                            | 0415 633 393   | <a href="mailto:joe.restuccia@prolocate.com.au">joe.restuccia@prolocate.com.au</a>                 | NSW     | NSW Wide                                                                           |
| Barry Maloney                   | Online Pipe & Cable Locating                         | 1300 665 384   | <a href="mailto:Office@onlinepipe.com.au">Office@onlinepipe.com.au</a>                             | NSW     | Sydney, Central Coast, Canberra, Wollongong, Newcastle                             |
| Sam Romano                      | Locating Services                                    | 0403 065 510   | <a href="mailto:sam.romano@locatingservices.com.au">sam.romano@locatingservices.com.au</a>         | NSW     | NSW All                                                                            |
| Scott Allison                   | Crux Surveying Australia                             | 02 9540 9940   | <a href="mailto:sydneyoffice@cruxsurveying.com.au">sydneyoffice@cruxsurveying.com.au</a>           | NSW     | Sydney Metro & Surrounding Areas                                                   |
| Donna Wullaert                  | Commence Communications Pty Ltd                      | 02 6226 3869   | <a href="mailto:admin@commencecomms.com.au">admin@commencecomms.com.au</a>                         | NSW     | Canberra/ Yass / Bungendore/ Goulburn and surrounding regional areas               |
| Grant Pearson                   | Warrabinya Services                                  | 0423 651 615   | <a href="mailto:grant@warrabinya.com.au">grant@warrabinya.com.au</a>                               | NSW     | Greater Sydney region                                                              |
| Stephen Fraser                  | Advanced Ground Locations                            | (02) 4930 3195 | <a href="mailto:steve_agl@hotmail.com">steve_agl@hotmail.com</a>                                   | NSW     | Newcastle, Hunter Valley, Central Coast, Taree & Surrounding Areas                 |
| Andrew Findlay/<br>Anthony Hart | LiveLocates                                          | 1300 517 062   | <a href="mailto:info@livelocates.com.au">info@livelocates.com.au</a>                               | NSW/ACT | South Coast NSW, ACT, Snowy Mountains , Snowy Valley                               |
| Mark Smith                      | Armidale Electrical                                  | 02 6772 3702   | <a href="mailto:office@armidale-electrical.com.au">office@armidale-electrical.com.au</a>           | NSW     | New England/Northwest                                                              |
| Samantha Guptill                | Australian Locating Services                         | 1300 761 545   | <a href="mailto:admin@locating.com.au">admin@locating.com.au</a>                                   | NSW     | All NSW                                                                            |
| Clay Laneyrie                   | Laneyrie Electrical                                  | 0411142627     | <a href="mailto:bindy@laneyrieelectrical.com.au">bindy@laneyrieelectrical.com.au</a>               | NSW     | Illawarra, South Coast, Shoalhaven, Southern Highlands                             |
| Reece Gainsford                 | East Coast Locating Services                         | 0431 193 111   | <a href="mailto:admin@eastcoastlocatingservices.com.au">admin@eastcoastlocatingservices.com.au</a> | NSW     | Newcastle/Maitland/ Hunter / Sydney / Central Coast / upper hunter / Port Stephens |
| Jason Vane                      | Smartscan Locators PTY Ltd                           | 1300 778 923   | <a href="mailto:Admin@sslocators.com.au">Admin@sslocators.com.au</a>                               | NSW     | Sydney                                                                             |
| Alex Farcash                    | Newcastle Locating Services Pty Ltd                  | 0410698599     | <a href="mailto:Admin@newcastlelocatingservices.com.au">Admin@newcastlelocatingservices.com.au</a> | NSW     | Newcastle, Hunter Valley, Central Coast, Taree & Surrounding Areas                 |

|                    |                                             |              |                                                                                                            |     |                                              |
|--------------------|---------------------------------------------|--------------|------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------|
| Amer El Chami      | Site Scan Pty Ltd                           | 0449 992 520 | <a href="mailto:office@sitescan.net.au">office@sitescan.net.au</a>                                         | NSW | All NSW                                      |
| Ian Brown          | A1 Locate Services                          | 0400 484 828 | <a href="mailto:Ian.brown@a1locate.com.au">Ian.brown@a1locate.com.au</a>                                   | NSW | All NSW                                      |
| Paul Wallis        | Beveridge Williams                          | 0431 458 878 | <a href="mailto:wallisp@bevwill.com.au">wallisp@bevwill.com.au</a>                                         | NSW | NSW Wide                                     |
| Cameron Handley    | Wombat Underground Services                 | 0407477038   | <a href="mailto:accounts@wombatunderground-services.com.au">accounts@wombatunderground-services.com.au</a> | NSW | ALL                                          |
| Samantha Cupido    | Geoscope Utility Detection Services Pty Ltd | 1300 750 350 | <a href="mailto:info@geoscopelocating.com.au">info@geoscopelocating.com.au</a>                             | NSW | All regions                                  |
| Laurence Mead      | Astrea Pty Ltd                              | 1300 009 346 | <a href="mailto:admin@astrea.com.au">admin@astrea.com.au</a>                                               | NSW | Sydney Only                                  |
| Braydon Greenwood  | City Coast Services                         | 0422432813   | <a href="mailto:braydon.greenwood@live.com.au">braydon.greenwood@live.com.au</a>                           | NSW | NSW                                          |
| Jim Morrison       | Absolute Utilities Pty Ltd                  | 0429 496 375 | <a href="mailto:jim@absoluteutilities.com.au">jim@absoluteutilities.com.au</a>                             | NSW | Mid North Coast                              |
| Declan Dowd        | Dowds Pipe And Cable Locating               | 0434 635 134 | <a href="mailto:accounts@pipeandcable.com.au">accounts@pipeandcable.com.au</a>                             | NSW | Sydney/Wollongong                            |
| Nicholas Schneider | Subsurface Utility Solutions                | 0421157372   | <a href="mailto:nick@subsurf.com.au">nick@subsurf.com.au</a>                                               | NSW | Sydney only                                  |
| Ricky Evans        | Riverina Cable Locating                     | 0411444980   | <a href="mailto:ricky@riverinacablelocating.com.au">ricky@riverinacablelocating.com.au</a>                 | NSW | Riverina, Murray                             |
| Adrian Ruane       | Road and Rail Excavations Pty Ltd           | 0414 594 063 | <a href="mailto:cody@roadandrailexcavations.com.au">cody@roadandrailexcavations.com.au</a>                 | NSW | Sydney only                                  |
| Billy Cameron      | Locate Down Under Pty Ltd                   | 0431275034   | <a href="mailto:info@locatedownunder.com.au">info@locatedownunder.com.au</a>                               | NSW | Central Coast/ Sydney                        |
| Daniel Hudson      | Geosurv Locating Pty Ltd                    | 1300 554 675 | <a href="mailto:dan@geosurv.com.au">dan@geosurv.com.au</a>                                                 | NSW | Sydney only                                  |
| Roneel Chand       | JDG Civil                                   | 0416506891   | <a href="mailto:sadhunaam@gmail.com">sadhunaam@gmail.com</a>                                               | NSW | Sydney only                                  |
| Tim Briggs         | Deetect Locating Services                   | 0414630852   | <a href="mailto:deetect.locating@outlook.com">deetect.locating@outlook.com</a>                             | NSW | ACT / NSW                                    |
| Sean Ferriter      | Utech Solutions Pty Ltd                     | 1300 427 614 | <a href="mailto:seanf@vaughancivil.com.au">seanf@vaughancivil.com.au</a>                                   | NSW | Sydney only                                  |
| Mark Restuccia     | Direct Connect Locating PTY LTD             | 0400507690   | <a href="mailto:info@dclocating.com.au">info@dclocating.com.au</a>                                         | NSW | NSW only                                     |
| Ali Chahine        | Underground Industries                      | 0406906787   | <a href="mailto:info@undergroundindustries.com.au">info@undergroundindustries.com.au</a>                   | NSW | Sydney only                                  |
| Scott Copetti      | Metiri                                      | 0435 710 399 | <a href="mailto:scott@metiri.com.au">scott@metiri.com.au</a>                                               | NSW | Newcastle & Hunter Region                    |
| Blake Richardson   | VFT                                         | 0409 210 502 | <a href="mailto:b.richardson@vftes.com">b.richardson@vftes.com</a>                                         | NSW | NSW                                          |
| Roneel Chand       | Tonagh Civil Pty Ltd,                       | 0416506891   | <a href="mailto:roneel@tonaghcivil.com.au">roneel@tonaghcivil.com.au</a>                                   | NSW | All Regions                                  |
| Brett Pickup       | BAP Services Pty Ltd                        | 0434006009   | <a href="mailto:Brett@bapservices.com.au">Brett@bapservices.com.au</a>                                     | NSW | All Areas, Sydney, Illawarra, Newcastle, ACT |
| Patrick Billingham | OzDetect Pty Ltd                            | 0497700667   | <a href="mailto:patrick@ozdetect.com.au">patrick@ozdetect.com.au</a>                                       | NSW | NSW                                          |

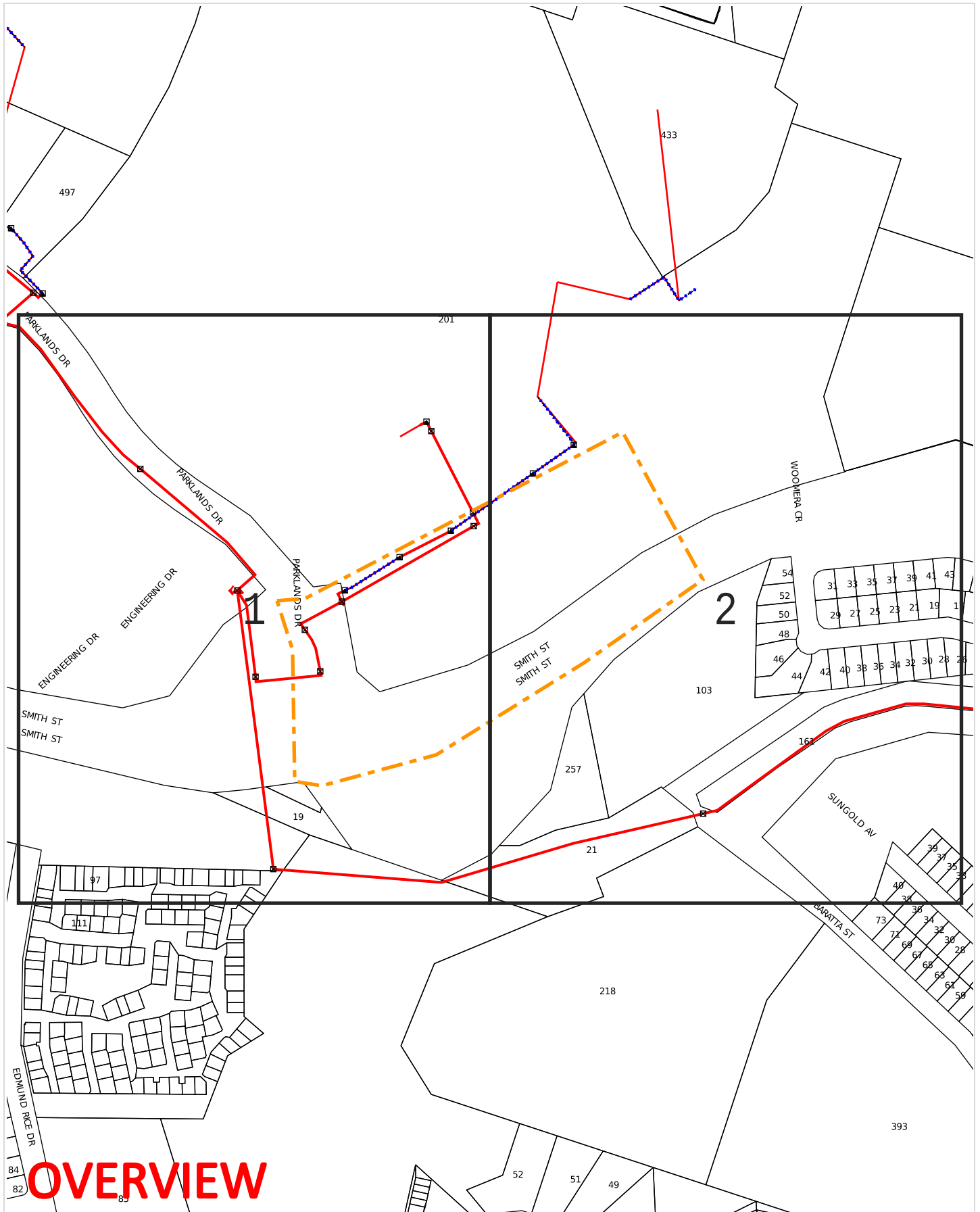
|                   |                                                    |               |                                                                                                              |                       |                                                                |
|-------------------|----------------------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------|-----------------------|----------------------------------------------------------------|
| Cameron Brown     | Sub Scan Australia                                 | 0421751343    | <a href="mailto:admin@subscan.com.au">admin@subscan.com.au</a>                                               | NSW                   | Norther Rivers                                                 |
| Jesse Gavin       | LCG GLOBAL PTY LTD                                 | 1300032740    | <a href="mailto:info@lcgsolutions.com.au">info@lcgsolutions.com.au</a>                                       | NSW                   | All NSW                                                        |
| Rob Moate         | Dig Safe NSW Pty Ltd                               | 0477 900 200  | <a href="mailto:rob@digsafensw.com.au">rob@digsafensw.com.au</a>                                             | NSW                   | All Regions                                                    |
| Euan Gow          | Jurovich Surveying                                 | 1300 750 000  | <a href="mailto:egow@jurovichsurveying.com.au">egow@jurovichsurveying.com.au</a>                             | WA/NSW/SA             | All state                                                      |
| Michael Nicholls  | LocateX                                            | 0487 043 596  | <a href="mailto:info@locatex.com.au">info@locatex.com.au</a>                                                 | NSW                   | Sydney, Central Coast, Newcastle                               |
| Brad Mccorkindale | b4 u dig locators                                  | 0447818260    | <a href="mailto:jon@b4udiglocators.com">jon@b4udiglocators.com</a>                                           | NSW                   | central west nsw                                               |
| Jason Steger      | Steger & Associates Reg-<br>istered Land Surveyors | 0400 008 641  | <a href="mailto:jason.steger@steger.com.au">jason.steger@steger.com.au</a>                                   | ACT/NSW               | ACT & Surrounds                                                |
| Samuel Hathaway   | Landmark Surveys                                   | 02 6280 9608  | <a href="mailto:admin@landmarksurveys.com.au">admin@landmarksurveys.com.au</a>                               | NSW/ACT               | ACT & Sourthen NSW                                             |
| Kaisar sefian     | Australian Utility Search<br>Pty Ltd               | 0424 841 888  | <a href="mailto:kaisar@aususearch.com.au">kaisar@aususearch.com.au</a>                                       | NSW/ACT               | All NSW, ACT                                                   |
| Daniel Fox        | Epoca Environmental Pty<br>Ltd                     | 1300 376 220  | <a href="mailto:daniel@epocaenvironmen-&lt;br/&gt;tal.com.au">daniel@epocaenvironmen-<br/>tal.com.au</a>     | NSW & ACT             | All NSW & ACT                                                  |
| Scott Tancred     | SureSearch Underground<br>Services                 | 1300 884 520  | <a href="mailto:Scott.Tan-&lt;br/&gt;cred@suresearch.com.au">Scott.Tan-<br/>cred@suresearch.com.au</a>       | NSW/ACT<br>QLD        | NSW, Sydney, Northern NSW, Can-<br>berra, QLD, South East QLD. |
| Justin Martinez   | LCG GLOBAL PTY LTD                                 | 0401749007    | <a href="mailto:J.martinez@lcgsolutions.com.au">J.martinez@lcgsolutions.com.au</a>                           | NSW, ACT, QLD,<br>VIC | All regions                                                    |
| Troy Redden       | On Point Utility Locating                          | 1300 66 76 46 | <a href="mailto:Troy@onpointlocating.com.au">Troy@onpointlocating.com.au</a>                                 | NSW/QLD               | Throughout both states                                         |
| Geoff Campbell    | CLS Locating                                       | 0450759497    | <a href="mailto:geoffrey@campbellslocat-&lt;br/&gt;ing.com.au">geoffrey@campbellslocat-<br/>ing.com.au</a>   | NSW/QLD               | All QLD, Northern Rivers, NSW                                  |
| Patrick Popovic   | Site And See Pty Ltd                               | 0479 162 692  | <a href="mailto:patrick@siteandsee.com.au">patrick@siteandsee.com.au</a>                                     | QLD/NSW               | South East QLD & Northern NSW                                  |
| Kelsee Stevens    | Abletech Underground<br>Group                      | 07 5293 7746  | <a href="mailto:admin@abletechunder-&lt;br/&gt;ground.com.au">admin@abletechunder-<br/>ground.com.au</a>     | QLD / NSW             | QLD / NSW                                                      |
| Rhys Lambert      | Provac / one find cables                           | 1300 734 772  | <a href="mailto:rhys@provac.net.au">rhys@provac.net.au</a>                                                   | QLD                   | South East QLD                                                 |
| Paul Beaton       | Cairns Asset Locations                             | 0448 157 227  | <a href="mailto:paul.beaton@clarketrench-&lt;br/&gt;ing.com.au">paul.beaton@clarketrench-<br/>ing.com.au</a> | QLD                   | FNQ to NT Border                                               |
| Chris Hall        | D C Locators Pty Ltd                               | 0419 679 741  | <a href="mailto:dcloc@powerup.com.au">dcloc@powerup.com.au</a>                                               | QLD                   | Brisbane, Ipswich                                              |
| Benji Lee         | LADS                                               | 0478 915 237  | <a href="mailto:benji@ladsqld.com.au">benji@ladsqld.com.au</a>                                               | QLD                   | South East QLD                                                 |
| Ian Lambert       | Lambert Locations Pty<br>Ltd                       | 07 5562 8400  | <a href="mailto:admin@lambertlocations.com.au">admin@lambertlocations.com.au</a>                             | QLD                   | South East QLD & Northern NSW                                  |
| Ross Clarke       | FNQ Cable Locators Pty<br>Ltd                      | 0428 775 655  | <a href="mailto:onlineco@bigpond.net.au">onlineco@bigpond.net.au</a>                                         | QLD                   | QLD REGION                                                     |
| Col Greville      | Bsure Locators                                     | 0488 520 688  | <a href="mailto:admin@bsurelocators.com.au">admin@bsurelocators.com.au</a>                                   | QLD                   | Wide Bay & Burnett; Central and<br>Western QLD; Western Downs  |
| Matthew Carr      | Pensar                                             | 0405609739    | <a href="mailto:matty.carr@pensar.com.au">matty.carr@pensar.com.au</a>                                       | QLD                   | Brisbane                                                       |

|                  |                                         |                 |                                                                                                              |     |                                                  |
|------------------|-----------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------|
| Jimmy Wilkins    | GeoRadar Asutralia Pty Ltd              | 0425057722      | <a href="mailto:jimmy@georadar.net.au">jimmy@georadar.net.au</a>                                             | QLD | Emerald, Bundeaberg                              |
| Craig Waite      | C Locate                                | 0437 808 444    | <a href="mailto:clocate@bigpond.com">clocate@bigpond.com</a>                                                 | QLD | Brisbane GC SC                                   |
| Jeffrey Lenehan  | Syndicate Communica-tions               | 0404 151 270    | <a href="mailto:Jlenehan@syndicate.com.au">Jlenehan@syndicate.com.au</a>                                     | QLD | Brisbane                                         |
| Toni O'Dell      | Utility Location Services               | 1300 001 857    | <a href="mailto:qldops@utilitylocation-services.com.au">qldops@utilitylocation-services.com.au</a>           | QLD | South East QLD                                   |
| Michael Jackman  | Utility Mapping QLD                     | 1300 627 746    | <a href="mailto:brisbane@utilitymapping.com.au">brisbane@utilitymapping.com.au</a>                           | QLD | All QLD                                          |
| Jenny Dziduch    | 1300 Locate Pty Ltd                     | 1300 562 283    | <a href="mailto:admin@1300locate.com.au">admin@1300locate.com.au</a>                                         | QLD | All Queensland, Northern NSW                     |
| Brendon Smith    | Advanced Locating PTY LTD               | 0424678823      | <a href="mailto:admin@advancedlocating.com.au">admin@advancedlocating.com.au</a>                             | QLD | Gold Coast                                       |
| Samuel Hazel     | Utility ID Underground Service Locators | 0401 202 515    | <a href="mailto:sam@utilityid.com.au">sam@utilityid.com.au</a>                                               | QLD | Darling Downs, South West QLD and South East QLD |
| Bruce Normyle    | Dynamic Hydro Excava-tions              | 0434 731 933    | <a href="mailto:admin@dynamicexcava-tion.com.au">admin@dynamicexcava-tion.com.au</a>                         | QLD | QLD                                              |
| Michael Koschel  | Precision Service Locat-ing             | 07 46462845     | <a href="mailto:paul@pslocating.com.au">paul@pslocating.com.au</a>                                           | QLD | All QLD / North West NSW/South East QLD          |
| Robert Rutledge  | Safe Dig Services                       | +61 7 3376 0856 | <a href="mailto:rrutledge@safedig.com.au">rrutledge@safedig.com.au</a>                                       | QLD | Brisbane                                         |
| Michael Falla    | ICUC Locating Services Pty Ltd          | 0410085365      | <a href="mailto:michael.falla@icuclocatings-services.com.au">michael.falla@icuclocatings-services.com.au</a> | QLD | South East QLD                                   |
| Ben Stephens     | DTS Group TA Electros-can               | 0434 140 556    | <a href="mailto:ben.s@electroscanqld.com.au">ben.s@electroscanqld.com.au</a>                                 | QLD | Queensland                                       |
| Adam Lloyd       | Aussie HydroVac Ser-vices               | 07 3287 7818    | <a href="mailto:adam.lloyd@aussiehy-drovac.com.au">adam.lloyd@aussiehy-drovac.com.au</a>                     | QLD | All                                              |
| Michael Prentice | Onsite Utility Locations                | 0437 172 601    | <a href="mailto:admin@onsiteutilityloca-tions.com.au">admin@onsiteutilityloca-tions.com.au</a>               | QLD | SEQ                                              |
| Roland Mollison  | LandPartners Pty Ltd                    | 0439 488 545    | <a href="mailto:roland.mollison@landpart-ners.com.au">roland.mollison@landpart-ners.com.au</a>               | QLD | South East Queensland                            |
| Duncan McGrath   | Abletech Underground Group              | 0418 511 767    | <a href="mailto:duncan@abletechunder-ground.com.au">duncan@abletechunder-ground.com.au</a>                   | QLD | QLD Wide                                         |
| Daniel Poppi     | Ace Cable Locations                     | 0431517837      | <a href="mailto:acecablelocations@bigpond.com">acecablelocations@bigpond.com</a>                             | QLD | Wide Bay Burnett                                 |
| Jason Bastow     | Utility Underground                     | 0414454015      | <a href="mailto:jason@utilityunder-ground.com.au">jason@utilityunder-ground.com.au</a>                       | QLD | QLD / NSW                                        |
| Aidan Waszaj     | South-East Scanning Pty Ltd             | 0421 193 439    | <a href="mailto:aidan@southeastscan-ning.com.au">aidan@southeastscan-ning.com.au</a>                         | QLD | Southeast Queensland                             |
| Josh Brinn       | i-LOCATE                                | 0418 105 902    | <a href="mailto:josh@i-lec.com.au">josh@i-lec.com.au</a>                                                     | QLD | QLD only                                         |
| Carl Molloy      | Provac Melbourne                        | 0451 104 611    | <a href="mailto:melbourne@provac.net.au">melbourne@provac.net.au</a>                                         | VIC | Melbourne Region                                 |

|                 |                                                 |                |                                                                                                            |                |                                      |
|-----------------|-------------------------------------------------|----------------|------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------|
| Olivier Davies  | Central Locating PTY LTD                        | 0439 995 894   | <a href="mailto:ollie@centrallocating.com.au">ollie@centrallocating.com.au</a>                             | VIC            | Melbourne & Western Victoria         |
| Tina Brereton   | D-Tech Ground & Over-head                       | 03 9544 8933   | <a href="mailto:tina@d-tech.net.au">tina@d-tech.net.au</a>                                                 | VIC            | ALL                                  |
| Josh Taylor     | Advanced Locations Victoria Pty Ltd             | 0427846716     | <a href="mailto:josh@advancedlocationsvic.com.au">josh@advancedlocationsvic.com.au</a>                     | VIC            | All Victoria                         |
| Ben Minutoli    | Geelong Cable Locations                         | 1800 449 543   | <a href="mailto:ben@geelongcablelocations.com.au">ben@geelongcablelocations.com.au</a>                     | VIC            | Melbourne, Geelong, Country Victoria |
| Sean Henry      | Asset Survey Solutions                          | 1300 035 796   | <a href="mailto:info@assetsurvey.com.au">info@assetsurvey.com.au</a>                                       | VIC,QLD,NSW,SA | VIC,QLD,NSW,SA                       |
| Mick McGoldrick | Locate Cables                                   | 0404 241 679   | <a href="mailto:mick@locatecables.com">mick@locatecables.com</a>                                           | VIC            | Western Victoria                     |
| Alex Jones      | Utility Mapping VIC                             | 1300 627 746   | <a href="mailto:melbourne@utilitymapping.com.au">melbourne@utilitymapping.com.au</a>                       | VIC            | All VIC                              |
| Phi Nguyen      | Asset Detection Services Pty Ltd                | 1300 300 100   | <a href="mailto:Phi.nguyen@assetdetection.com.au">Phi.nguyen@assetdetection.com.au</a>                     | VIC            | Melbourne/VIC                        |
| Maurice Tobin   | Drain Solutions                                 | 0412 111600    | <a href="mailto:info@drainsolutions.com.au">info@drainsolutions.com.au</a>                                 | VIC            | Melbourne Metro                      |
| Kate Ficker     | Seeker Utility Engineering                      | 1300 733 583   | <a href="mailto:admin@seekerutilityengineering.com.au">admin@seekerutilityengineering.com.au</a>           | VIC            | All Victoria                         |
| Leigh French    | Veris Australia VIC                             | (03) 7019 8400 | <a href="mailto:melbourne@veris.com.au">melbourne@veris.com.au</a>                                         | VIC            | Melbourne                            |
| Ben Wooldridge  | Controltech Solutions                           | 0447 760 759   | <a href="mailto:ben.wooldridge@controltechsolutions.com.au">ben.wooldridge@controltechsolutions.com.au</a> | VIC            | Melbourne                            |
| Chris Sandlant  | Access Utility Engineering P/L                  | 03 9799 8788   | <a href="mailto:Chris.sandlant@accessue.com.au">Chris.sandlant@accessue.com.au</a>                         | VIC            | Victoria & Regional                  |
| Shaun Stephen   | STS Locating Services                           | 0405 181 734   | <a href="mailto:stslocatingservices@gmail.com">stslocatingservices@gmail.com</a>                           | VIC            | All VIC                              |
| Glen Foreman    | Underground Services Detection Pty Ltd          | 0402 748 889   | <a href="mailto:undergroundservices@bigpond.com">undergroundservices@bigpond.com</a>                       | VIC            | Victoria                             |
| Clinton Carver  | Insight Underground Pty Ltd                     | 0468 900 273   | <a href="mailto:clinton@insightunderground.com.au">clinton@insightunderground.com.au</a>                   | VIC            | Victoria                             |
| Lindsay Botha   | L B Underground Service Locations & Engineering | 0499 658 677   | <a href="mailto:lb.locations.engineering@gmail.com">lb.locations.engineering@gmail.com</a>                 | VIC            | Metro and Regional Victoria          |
| Damien Nielsen  | ELS Environmental Location Systems Pty Ltd      | 0499 499 137   | <a href="mailto:bookings@elsvic.com.au">bookings@elsvic.com.au</a>                                         | VIC            | Victoria only                        |
| Tyler Blake     | CHS Group                                       | 0409 437 750   | <a href="mailto:tyler.blake@chsgroup.com.au">tyler.blake@chsgroup.com.au</a>                               | VIC            | Horsham VIC                          |
| Craig Jackson   | Survey Management Solutions                     | 0400647299     | <a href="mailto:craigj@surveyms.com.au">craigj@surveyms.com.au</a>                                         | VIC            | All Regions                          |
| Chloe Milligan  | Tequa Plumbing and Civil                        | 0351432666     | <a href="mailto:civil@tequa.au">civil@tequa.au</a>                                                         | VIC            | Gippsland only                       |
| Ashley Stevens  | ABS HYDRO Pty Ltd                               | 0422 798 476   | <a href="mailto:ashley.stevens@abshydro.com.au">ashley.stevens@abshydro.com.au</a>                         | NSW/VIC        | All of VIC, Regional NSW             |

|                    |                                         |                |                                                                                                |            |                                           |
|--------------------|-----------------------------------------|----------------|------------------------------------------------------------------------------------------------|------------|-------------------------------------------|
| Eddie Santos       | Taylors Development Strategists         | 0488 700 155   | <a href="mailto:m.tasker@taylorsds.com.au">m.tasker@taylorsds.com.au</a>                       | VIC/SA/TAS | Victoria                                  |
| Taryn van Dyk      | Trenchless Pipelaying Contractors (TPC) | 08 8376 5911   | <a href="mailto:tpc@trenchlesspipelaying.com.au">tpc@trenchlesspipelaying.com.au</a>           | SA         | All                                       |
| Marc Rose          | SADB                                    | 0488190699     | <a href="mailto:marc@sadb.com.au">marc@sadb.com.au</a>                                         | SA         | Adelaide only                             |
| Deninis Stray      | Pinpoint Services Mapping               | (08) 8130 1600 | <a href="mailto:hello@pinpointsm.com.au">hello@pinpointsm.com.au</a>                           | SA         | SA and western VIC                        |
| Liam Gill          | Michael Grear Surveys                   | 08 82788732    | <a href="mailto:ugsl@mgsurveys.com.au">ugsl@mgsurveys.com.au</a>                               | SA         | SA                                        |
| Matthew Cooper     | Fulton Hogan                            | 0447 320 581   | <a href="mailto:Matthew.Cooper@fulton-hogan.com.au">Matthew.Cooper@fulton-hogan.com.au</a>     | SA         | South Australia                           |
| Liam Catchpole     | Apex Service Locating Pty Ltd           | 0458 924 471   | <a href="mailto:liam@apexvacolutions.com.au">liam@apexvacolutions.com.au</a>                   | SA         | Adelaide and Surroundings                 |
| Bradley Gosling    | Engineering Surveys                     | 0433506880     | <a href="mailto:bgosling@engsurveys.com.au">bgosling@engsurveys.com.au</a>                     | SA         | Adelaide                                  |
| Jason Shelvock     | SA Underground Pty Ltd                  | 0430 067 476   | <a href="mailto:jason@saunderground.com.au">jason@saunderground.com.au</a>                     | SA         | All SA                                    |
| Jason Revill       | MME/Platinum Locating Services          | 08 94080625    | <a href="mailto:jason.revill@platinumlocating.com.au">jason.revill@platinumlocating.com.au</a> | WA         | Perth                                     |
| Henry Westbrook    | Cable Locates & Consulting              | 08 9524 6600   | <a href="mailto:admin@cablelocates.com.au">admin@cablelocates.com.au</a>                       | WA         | All WA                                    |
| Cameron Swift      | Mikcomm Communication                   | 08 9337 1125   | <a href="mailto:cswift@mikcomm.com.au">cswift@mikcomm.com.au</a>                               | WA         | All                                       |
| Tobi Lawrence-Ward | Abaxa                                   | 08 9256 0100   | <a href="mailto:enquiries@abaxa.com.au">enquiries@abaxa.com.au</a>                             | WA         | Perth, Southwest, Western Australia       |
| Ben Upton          | TerraVac Vacuum Excavation              | 0433 374 802   | <a href="mailto:locations@terravac.com.au">locations@terravac.com.au</a>                       | WA         | Perth                                     |
| Dale Shearsmith    | Subtera                                 | 1300 046 636   | <a href="mailto:dale@subtera.com.au">dale@subtera.com.au</a>                                   | WA         | WA                                        |
| Liam Davies        | Bunbury Telecom Service Pty Ltd         | 897260088      | <a href="mailto:admin@btswa.com.au">admin@btswa.com.au</a>                                     | WA         | WA                                        |
| Drew Monkhouse     | Utility Mapping WA                      | 1300 627 746   | <a href="mailto:perth@utilitymapping.com.au">perth@utilitymapping.com.au</a>                   | WA         | All WA                                    |
| Edel O'Connor      | Kier Contracting                        | 0456 190 910   | <a href="mailto:edel@kier.com.au">edel@kier.com.au</a>                                         | WA         | Perth Metro & greater region; Regional WA |
| Nigel Nunn         | CCS Group / Utility Locating Solutions  | 08 9385 5000   | <a href="mailto:enquiry@ccswa.com.au">enquiry@ccswa.com.au</a>                                 | WA         | Perth                                     |
| Jeremy Brown       | Spotters Asset Locations Pty Ltd        | 0459 130 677   | <a href="mailto:jeremy@spottersassetlocations.com.au">jeremy@spottersassetlocations.com.au</a> | WA         | All                                       |
| Reece Topham       | Prime Locate                            | 0400 888 406   | <a href="mailto:reece@primelocate.com.au">reece@primelocate.com.au</a>                         | WA         | All                                       |
| Rhyce Murphy       | RM Surveys                              | 08 9457 7900   | <a href="mailto:rhyce.murphy@rmsurveys.com.au">rhyce.murphy@rmsurveys.com.au</a>               | WA         | All                                       |

|                  |                                     |              |                                                                                          |               |                         |
|------------------|-------------------------------------|--------------|------------------------------------------------------------------------------------------|---------------|-------------------------|
| James Horton     | Westscan Pty Ltd                    | 1300 858 404 | <a href="mailto:westscan1@gmail.com">westscan1@gmail.com</a>                             | WA            | All                     |
| Ashleigh Austin  | Veris WA                            | 0419 024 696 | <a href="mailto:perth@veris.com.au">perth@veris.com.au</a>                               | WA            | Perth Metro & Regional  |
| Suhairee Suhaimi | BCE Spatial                         | 08 9791 7411 | <a href="mailto:harry@bcespatial.com.au">harry@bcespatial.com.au</a>                     | WA/SA/VIC/NSW | WA                      |
| Tim Daws         | Award Contracting Pty Ltd           | 0411 878 895 | <a href="mailto:info@awardcontracting.com.au">info@awardcontracting.com.au</a>           | WA            | Metro & Country Regions |
| Stephen Steart   | Cabling WA Pty Ltd                  | 0422 845 586 | <a href="mailto:ssteart@cablingwa.com.au">ssteart@cablingwa.com.au</a>                   | WA            | Perth Metro             |
| Devvyn Barto     | Pulse Locating                      | 0431402738   | <a href="mailto:devvyn.barto@pulselocating.com.au">devvyn.barto@pulselocating.com.au</a> | WA            | Western Australia       |
| Shane McQuoid    | Find Wise Location Services         | 0407992758   | <a href="mailto:shane@findwise.com.au">shane@findwise.com.au</a>                         | WA            | Perth                   |
| Alex King        | KR SURVEYS                          | 0400077933   | <a href="mailto:alex@krsurveys.com.au">alex@krsurveys.com.au</a>                         | WA            | Statewide               |
| Cody Foster      | Precision Locating Pty Ltd          | 0473029391   | <a href="mailto:cody@precisionlocating.net">cody@precisionlocating.net</a>               | WA            | Statewide               |
| Scott Harrison   | Triodia Scanning services PTY LTD   | 0438 664 196 | <a href="mailto:booking@triodiascanning.com.au">booking@triodiascanning.com.au</a>       | WA            | Perth/ Regional         |
| Josh Pool        | Utility Mapping NT                  | 1300 627 746 | <a href="mailto:darwin@utilitymapping.com.au">darwin@utilitymapping.com.au</a>           | NT            | All NT                  |
| Stuart Speckman  | FYFE                                | 08 8944 7888 | <a href="mailto:Stuart.Speckman@fyfe.com.au">Stuart.Speckman@fyfe.com.au</a>             | NT/SA/NSW     | NT/SA/NSW               |
| Wayne Parslow    | Danisam                             | 0417 089 865 | <a href="mailto:danisam@westnet.com.au">danisam@westnet.com.au</a>                       | NT            | Darwin NT and Surrounds |
| Heather Easter   | Archers Underground Service Pty Ltd | 0418 737 299 | <a href="mailto:admin@auslocations.com.au">admin@auslocations.com.au</a>                 | TAS           | Statewide               |
| Scott Crerar     | Paneltec Group                      | 0400 895 637 | <a href="mailto:scott@paneltec.com.au">scott@paneltec.com.au</a>                         | TAS           | All                     |
| Hayden Stone     | Utility Detection & Mapping         | 03 61712555  | <a href="mailto:admin@udmgroup.com.au">admin@udmgroup.com.au</a>                         | TAS           | Statewide               |



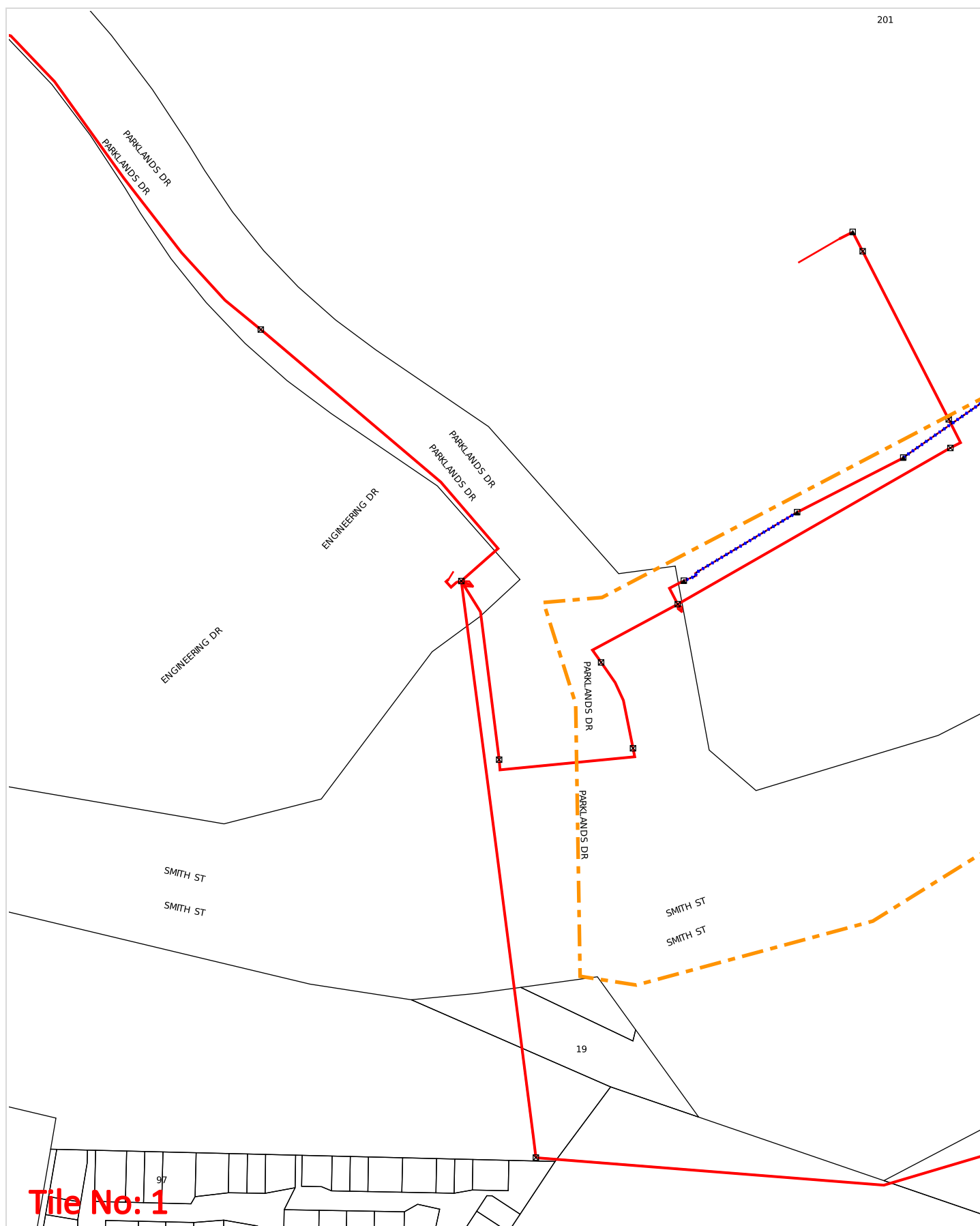
WARNING: This document is confidential and may also be privileged. Confidentiality nor privilege is not waived or destroyed by virtue of it being transmitted to an incorrect addressee. Unauthorised use of the contents is therefore strictly prohibited. Any information contained in this document that has been extracted from our records is believed to be accurate, but no responsibility is assumed for any error or omission. Optus Plans and information supplied are valid for 30 days from the date of issue. If this timeline has elapsed, please raise a new enquiry.

Sequence Number: 259315573

Date Generated: 11 Aug 2025

**OPTUS** yes  
 For all Optus DBYD plan enquiries –  
 Email: [Fibre.Locations@optus.net.au](mailto:Fibre.Locations@optus.net.au)  
 For urgent onsite assistance contact 1800 505 777  
 Optus Limited ACN 052 833 208





WARNING: This document is confidential and may also be privileged. Confidentiality nor privilege is not waived 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. Optus Plans and information supplied are valid for 30 days from the date of issue. If this timeline has elapsed, please raise a new enquiry.

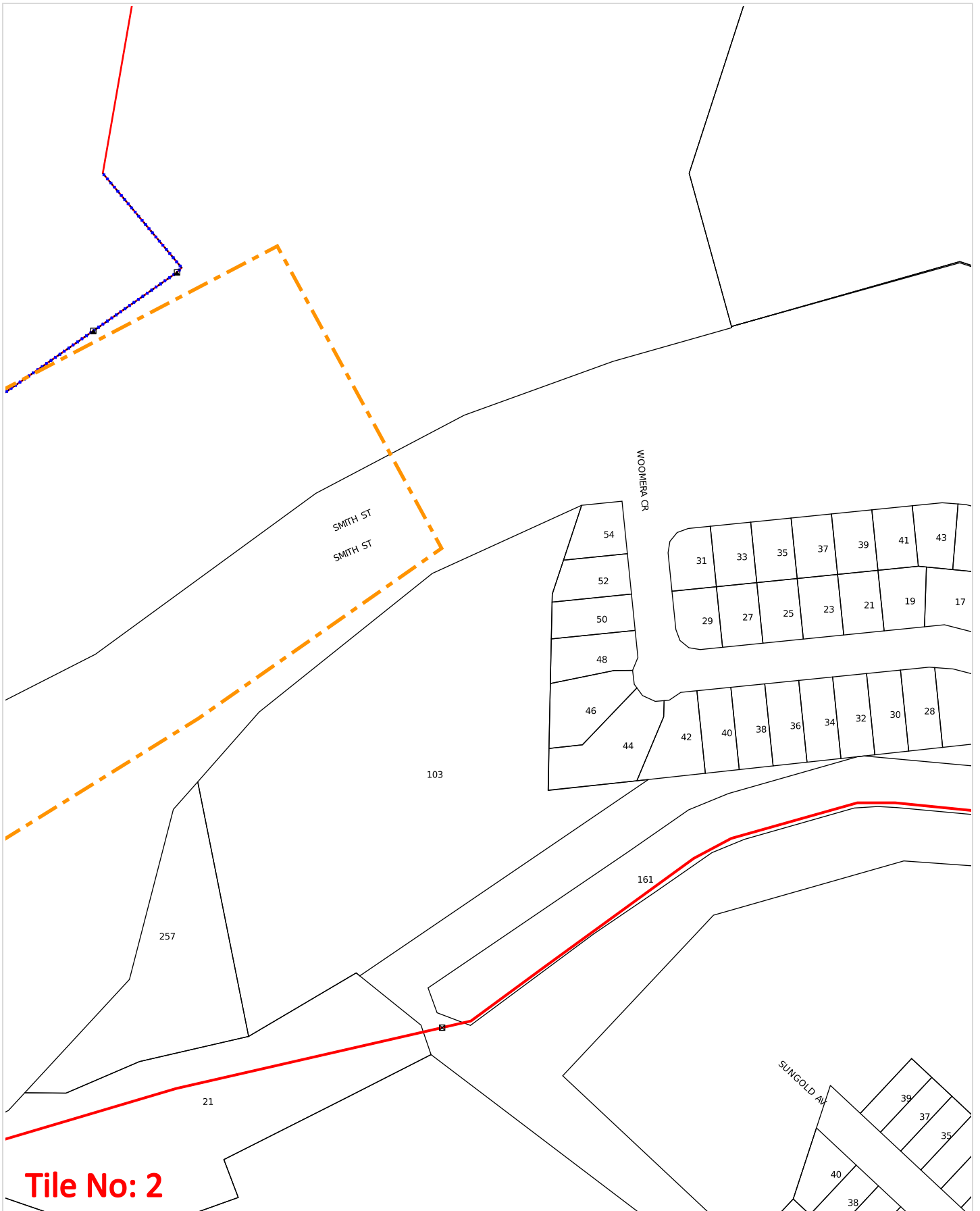
Sequence Number: 259315573

Date Generated: 11 Aug 2025



For all Optus DBYD plan enquiries –  
 Email: [Fibre.Locations@optus.net.au](mailto:Fibre.Locations@optus.net.au)  
 For urgent onsite assistance contact 1800 505 777  
 Optus Limited ACN 052 833 208





**Tile No: 2**

WARNING: This document is confidential and may also be privileged. Confidentiality nor privilege is not waived 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. Optus Plans and information supplied are valid for 30 days from the date of issue. If this timeline has elapsed, please raise a new enquiry.

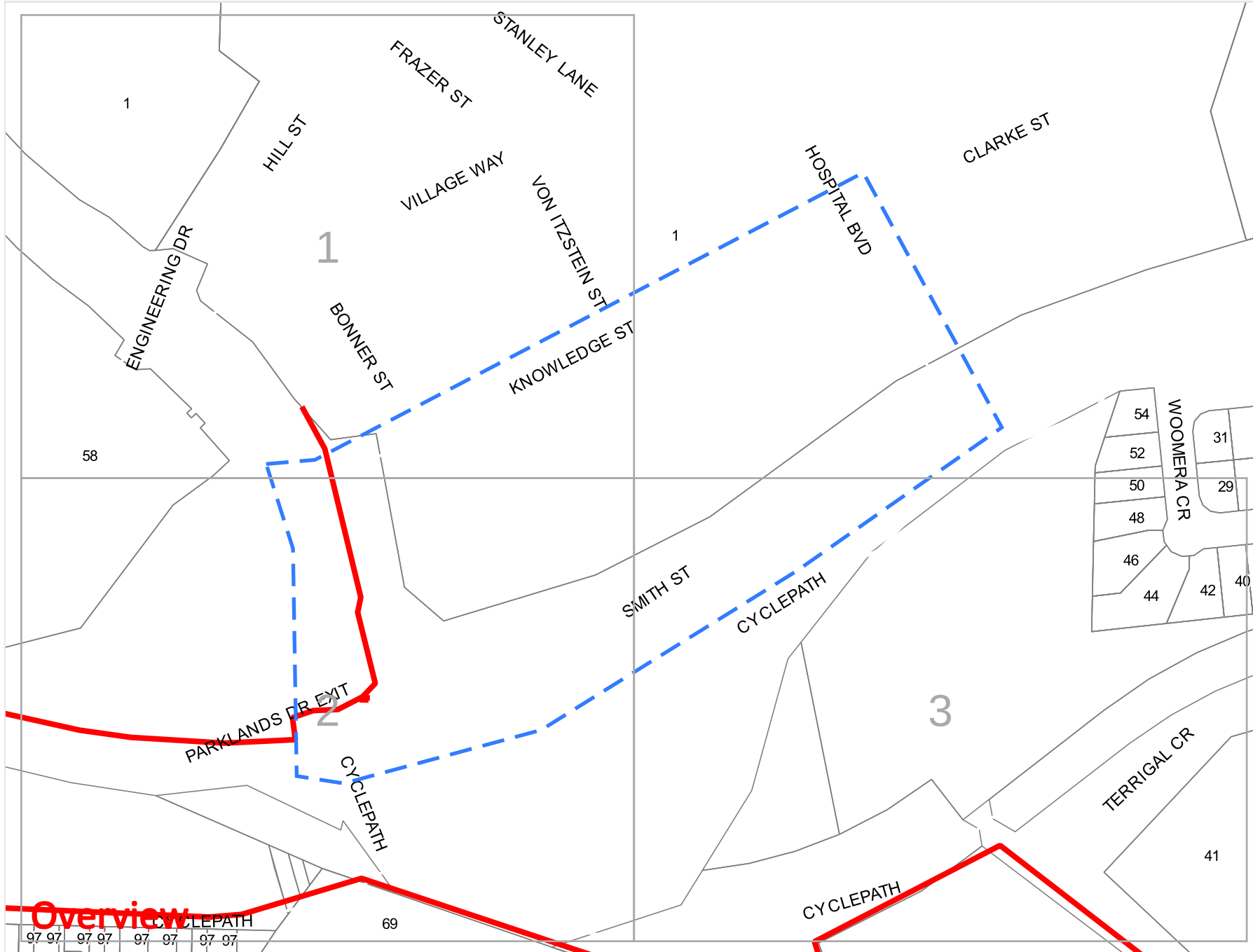
Sequence Number: 259315573

Date Generated: 11 Aug 2025



For all Optus DBYD plan enquiries –  
Email: [Fibre.Locations@optus.net.au](mailto:Fibre.Locations@optus.net.au)  
For urgent onsite assistance contact 1800 505 777  
Optus Limited ACN 052 833 208





#### Legend

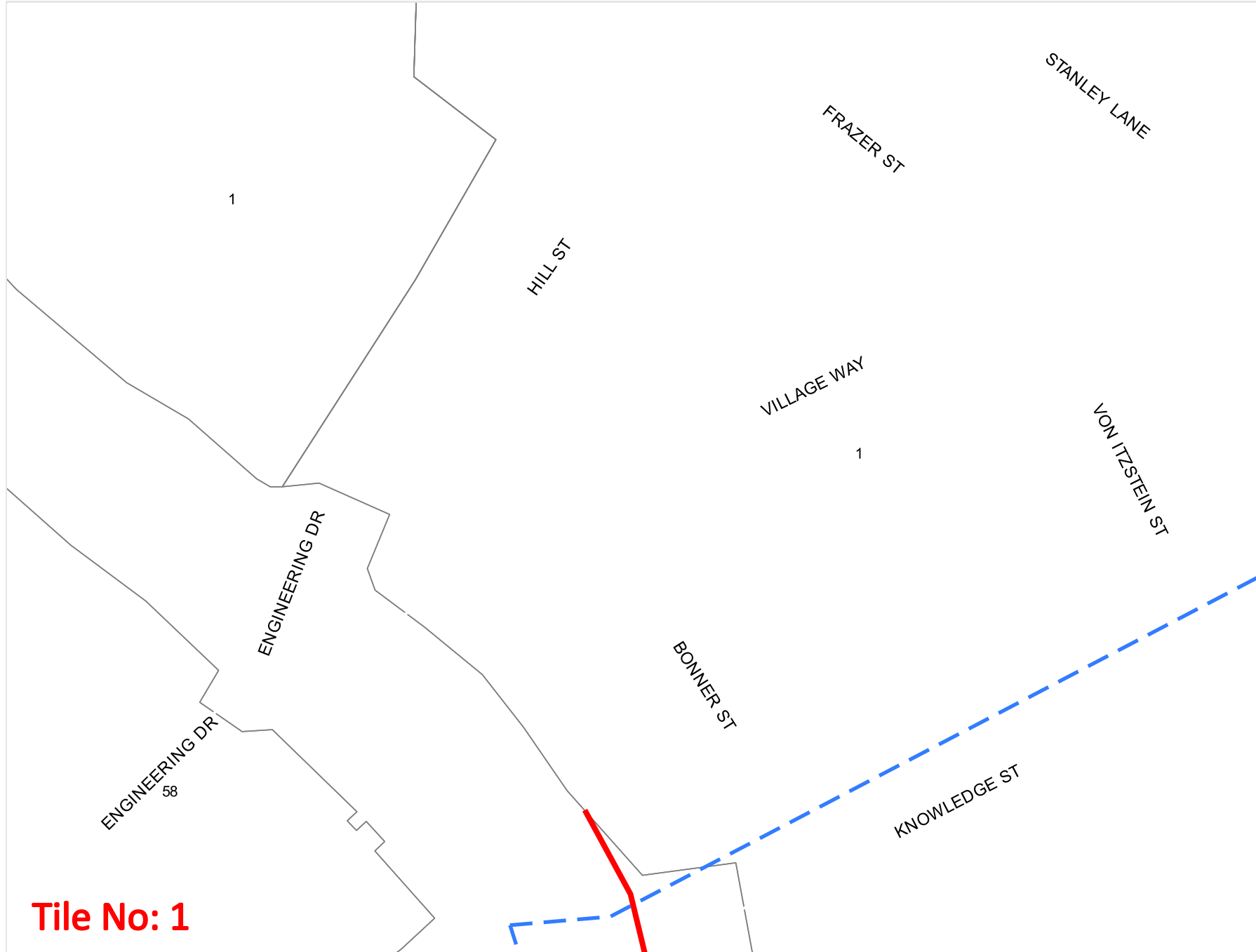
- Enquiry Area
- AARNet Fibre Optic Assets
- AARNet Power Assets
- Cadastre



Scale: 1:3075  
Expires: 08 Sep 2025

**DISCLAIMER:** While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither AARNet nor PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.

**Overview**



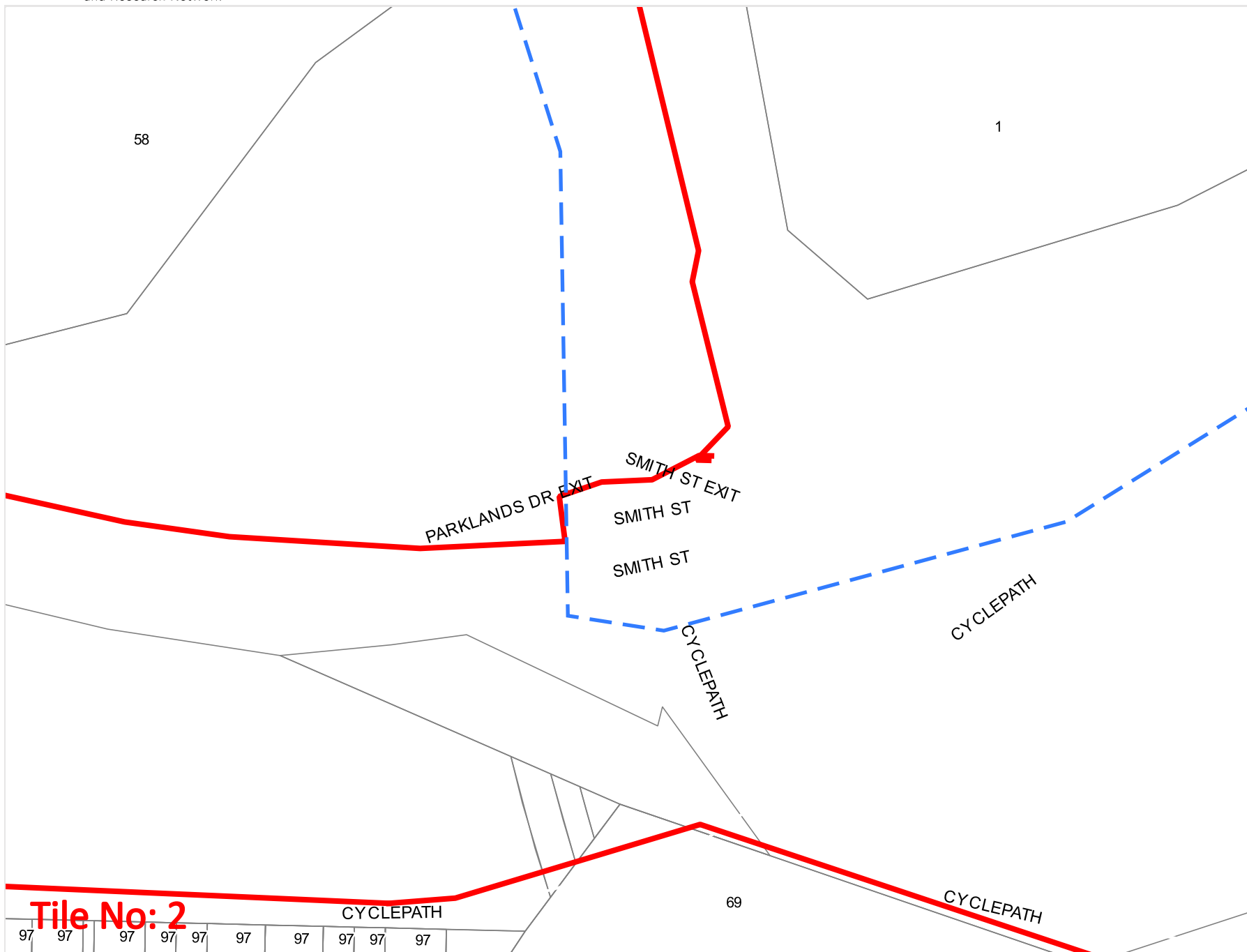
**Legend**

- Enquiry Area
- AARNet Fibre Optic Assets
- AARNet Power Assets
- Cadastre



Scale: 1:1500  
Expires: 08 Sep 2025

**DISCLAIMER:** While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither AARNet nor PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.



#### Legend

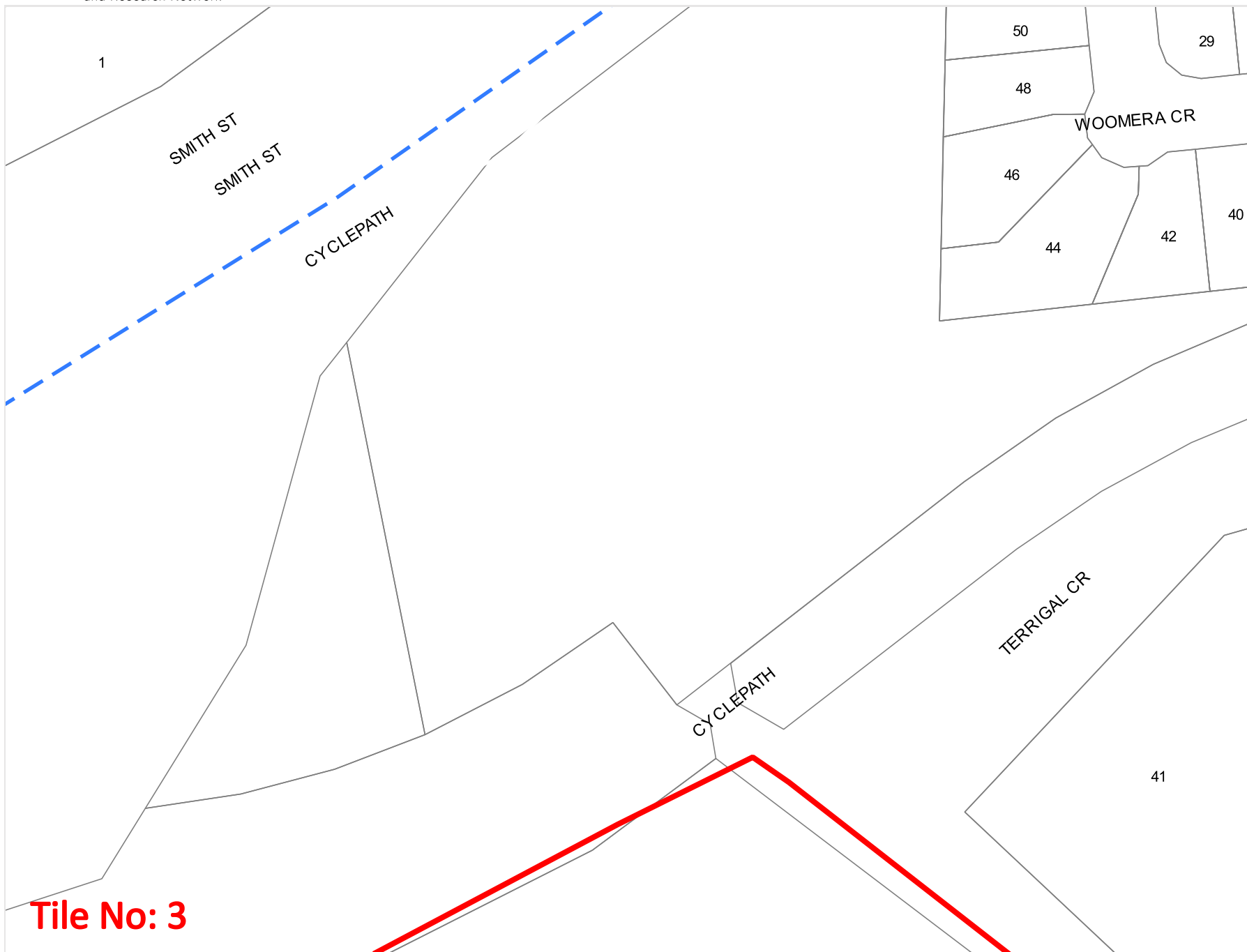
- Enquiry Area
- AARNET Fibre Optic Assets
- AARNET Power Assets
- Cadastre



Scale: 1:1500  
Expires: 08 Sep 2025

**DISCLAIMER:** While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither AARNET nor PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.

**Tile No: 2**



#### Legend

- Enquiry Area
- AARNET Fibre Optic Assets
- AARNET Power Assets
- Cadastre



Scale: 1:1500  
Expires: 08 Sep 2025

**DISCLAIMER:** While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither AARNET nor PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.

**Tile No: 3**

# APA

Australia's energy  
infrastructure partner



## Before You Dig Australia

Classification: Networks

|                          |                                              |
|--------------------------|----------------------------------------------|
| <b>Enquiry date</b>      | 11/08/2025                                   |
| <b>Sequence number</b>   | 259315579                                    |
| <b>Work site address</b> | 2 Village Boulevard<br>Southport<br>QLD 4215 |





**For your immediate information**

**THERE IS A GAS PIPELINE OR INFRASTRUCTURE ASSETS  
(GAS ASSETS)**

**located in close vicinity to your works.**

**Enquiry Date:** 11/08/2025  
**Enquirer:** Mark Hammel  
**Sequence Number:** 259315579  
**Work Site Address:** 2 Village Boulevard  
Southport  
QLD 4215

Thank you for your Before You Dig enquiry regarding the location of gas assets.

**We confirm there are Gas Assets located in close vicinity of the above location.**

**Caution: Damage to gas assets may result in explosion, fire and personal injury.**

Please ensure you read all the relevant information contained in this response to your BYDA enquiry including reviewing the **APA Guidelines for Works Near Existing Gas Assets** and clearly understand and comply with all requirements relating to your scope of work.

**If you have any queries relating to this information, or you are unable to comply with requirements of the APA Guidelines for Works Near Existing Gas Assets contact the APA Before You Dig Officer**

- Phone 1800 085 628
- Email [BYDA\\_APA@apa.com.au](mailto:BYDA_APA@apa.com.au)

**for clarification before proceeding with any work.**

## Before You Dig Checklist

---



### 1. Plan

- Review maps provided with this BYDA response and confirm the location of your work site is correct.
  - Review the **APA Guidelines for Works Near Existing Gas Assets** and clearly understand requirements relating to my scope of work.
- 



### 2. Prepare

- Electronically locate gas assets and mark locations.
  - Note: Look for visible evidence of gas assets at the worksite which may not be shown on plans.
- 



### 3. Pothole

- Physically confirm ('prove') the location of gas assets by potholing by hand excavation or non- destructive vacuum excavation methods in accordance with **APA Guidelines for Works Near Existing Gas Assets**.
  - Road authorities, councils, utilities and their authorised contractors and agents are responsible to pothole or use other suitable methods to verify the location and depth of all gas assets, including gas (inlet) services, prior to commencing any works.
- 



### 4. Protect

- Protect gas assets by maintaining clearances whilst excavating and following conditions provided by APA.
  - Where required by APA, only conducting work in proximity to gas assets while Site Watch is on site.
  - Where applicable, APA Authority To Work permit conditions are clearly understood and complied with.
  - Strap and support exposed mains and inlet services. Cover exposed mains to prevent damage until the excavation can be permanently restored.
- 



### 5. Proceed

- Only proceed with your work once you have completed all the planning, preparation, potholing and protection requirements.
  - APA BYDA response (including maps) are on site for reference at all times, and less than 30 days old.
-

## Contacts

| Contacts APA Group                                                      |                                                                                                                            |
|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Enquiry                                                                 | Contact Numbers                                                                                                            |
| General enquiries or feedback regarding this information or gas assets. | APA – Before You Dig Officer<br>Phone: 1800 085 628<br>Email: <a href="mailto:BYDA_APA@apa.com.au">BYDA_APA@apa.com.au</a> |
| Gas Emergencies                                                         | Phone: 1800 GAS LEAK (1800 427 532)                                                                                        |

## Site Watch

Site Watch is where an APA field officer attends your work site to monitor and ensure controls are in place to protect critical gas assets from damage during work.

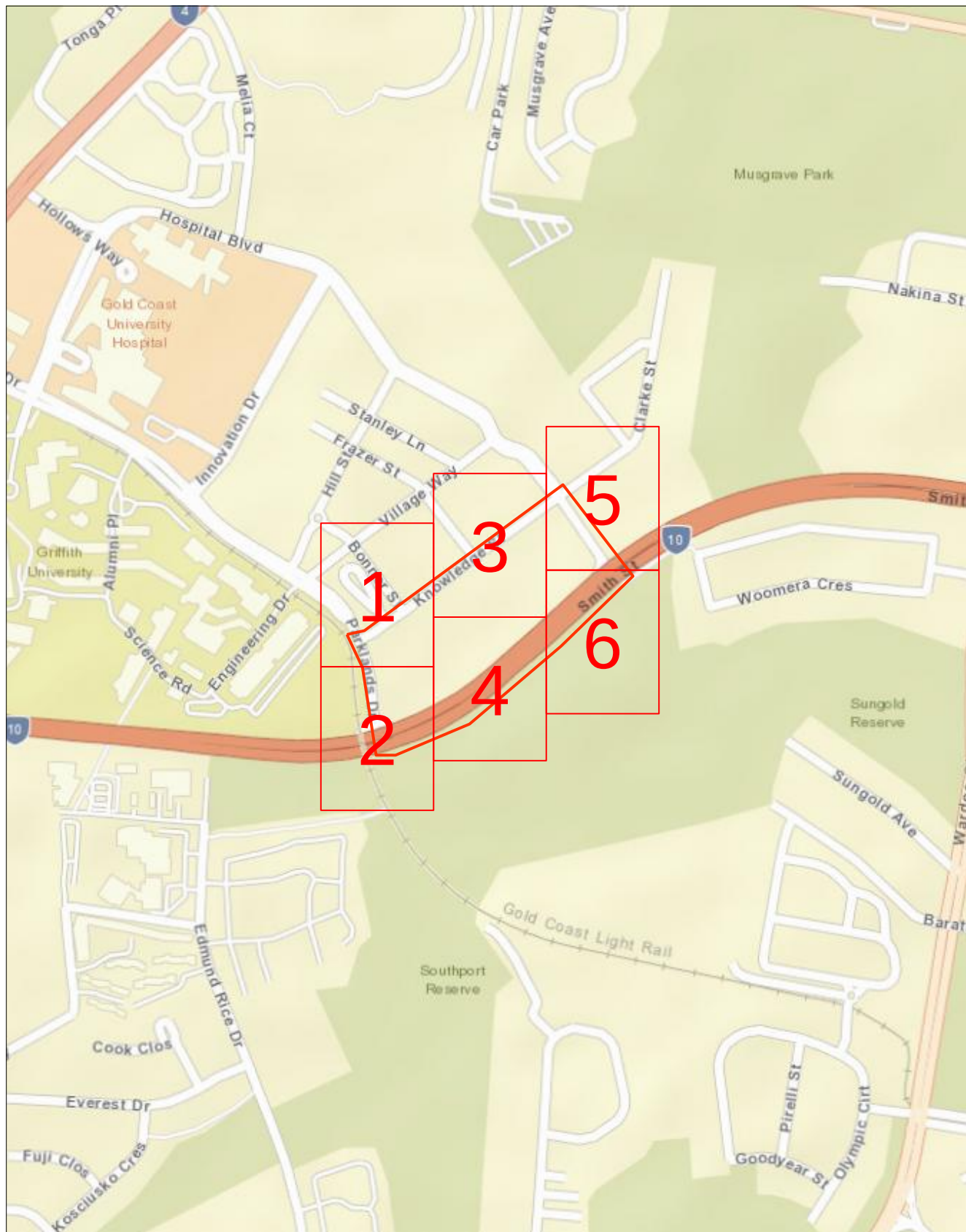
The following rates apply for this service (1 hour minimum charge):

| Item                                                                                                     | Rate (excl. gst)  |
|----------------------------------------------------------------------------------------------------------|-------------------|
| Site Watch – Business Hours                                                                              | \$143.42 per hour |
| Site Watch – After Hours                                                                                 | \$175.06 per hour |
| Cancellation Fee                                                                                         | \$286.84          |
| <i>Fee applies where cancelations received after 12pm (midday), 1 business day prior to the booking.</i> |                   |

Contact APA – Before You Dig officer for state specific hours of business.

**Site** 2 Village Boulevard  
**Address:** Southport  
QLD 4215

**Sequence** 259315579  
**Number:**



Scale 1: 6000

Map Sources: Esri, Garmin, HERE, FAO, NOAA, USGS,  
© OpenStreetMap contributors, and the GIS User Community



Enquiry Area

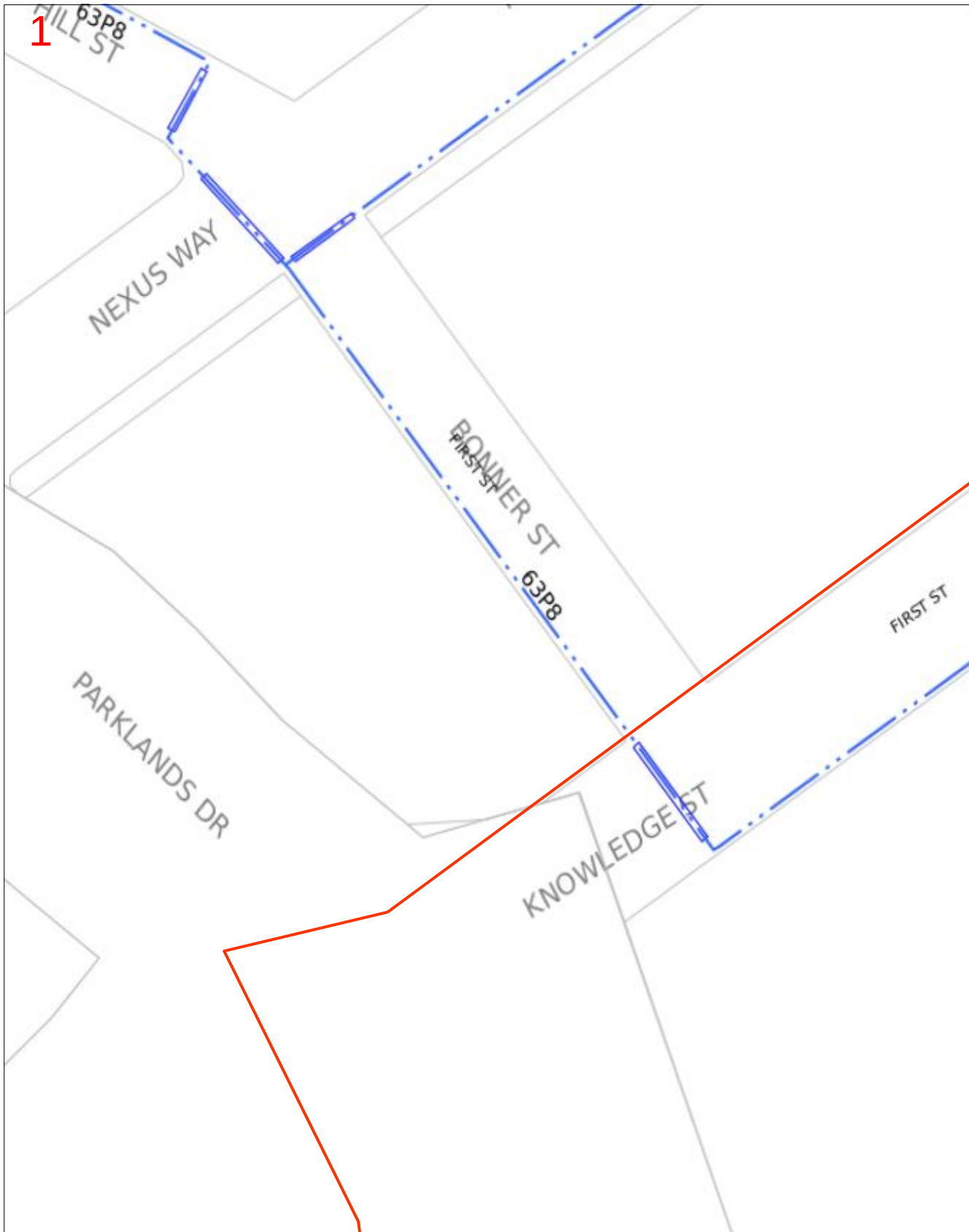


Map Key Area



**Site** 2 Village Boulevard  
**Address:** Southport  
QLD 4215

**Sequence** 259315579  
**Number:**



Scale 1: 700

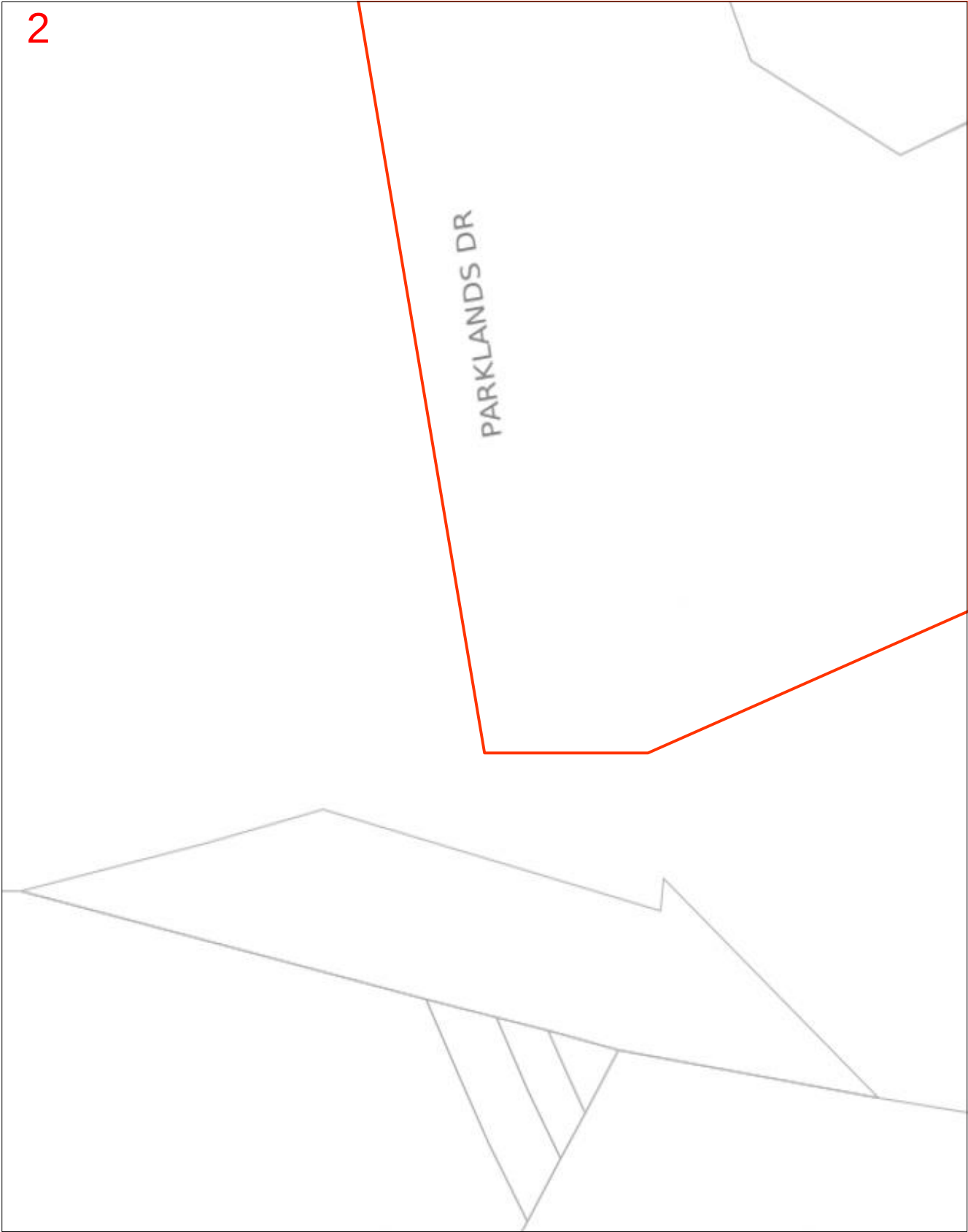
Map Sources: Esri, Garmin, HERE, FAO, NOAA, USGS,  
© OpenStreetMap contributors, and the GIS User Community



Enquiry Area

Map Key Area





Scale 1: 700

Map Sources: Esri, Garmin, HERE, FAO, NOAA, USGS,  
© OpenStreetMap contributors, and the GIS User Community



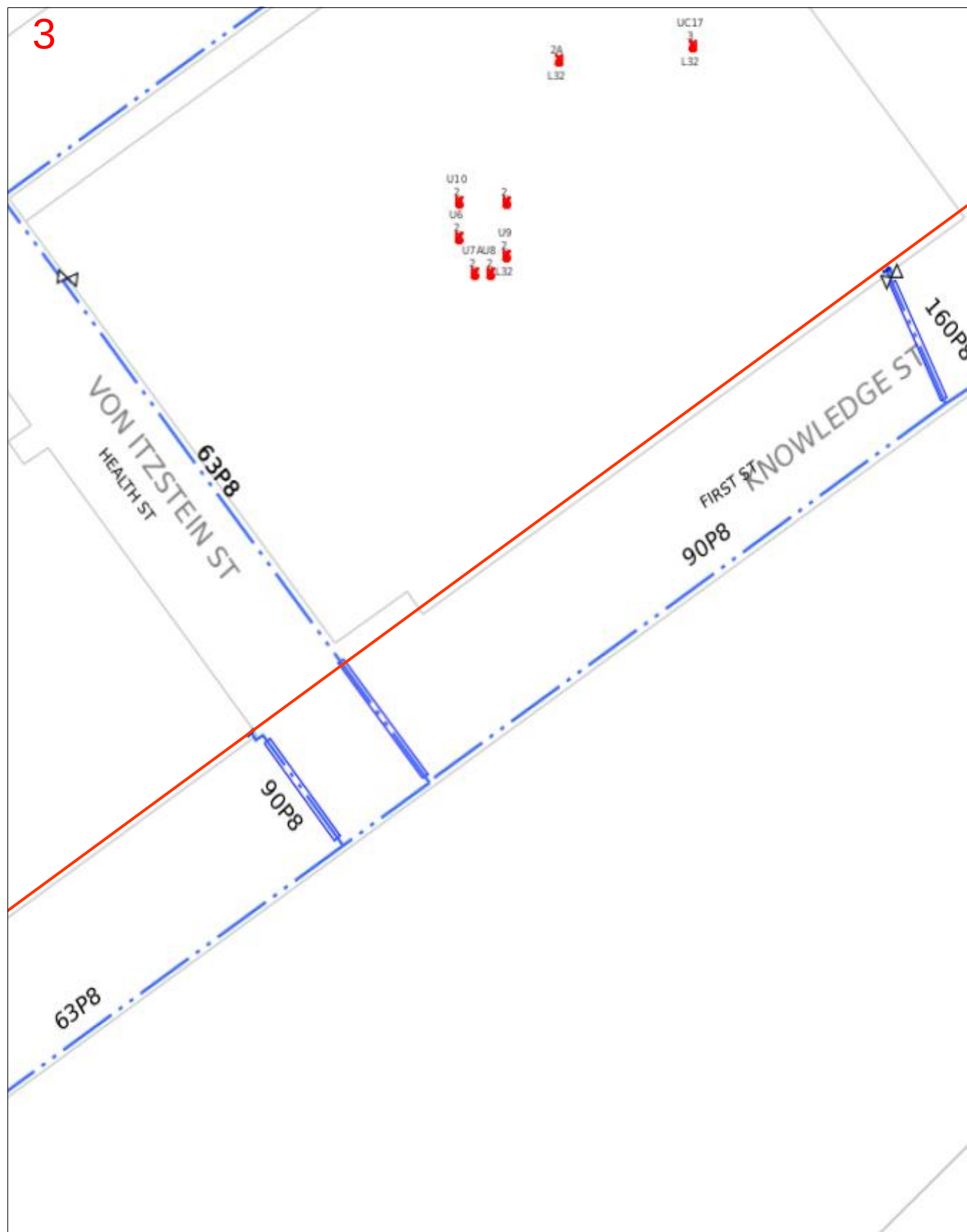
Enquiry Area



Map Key Area



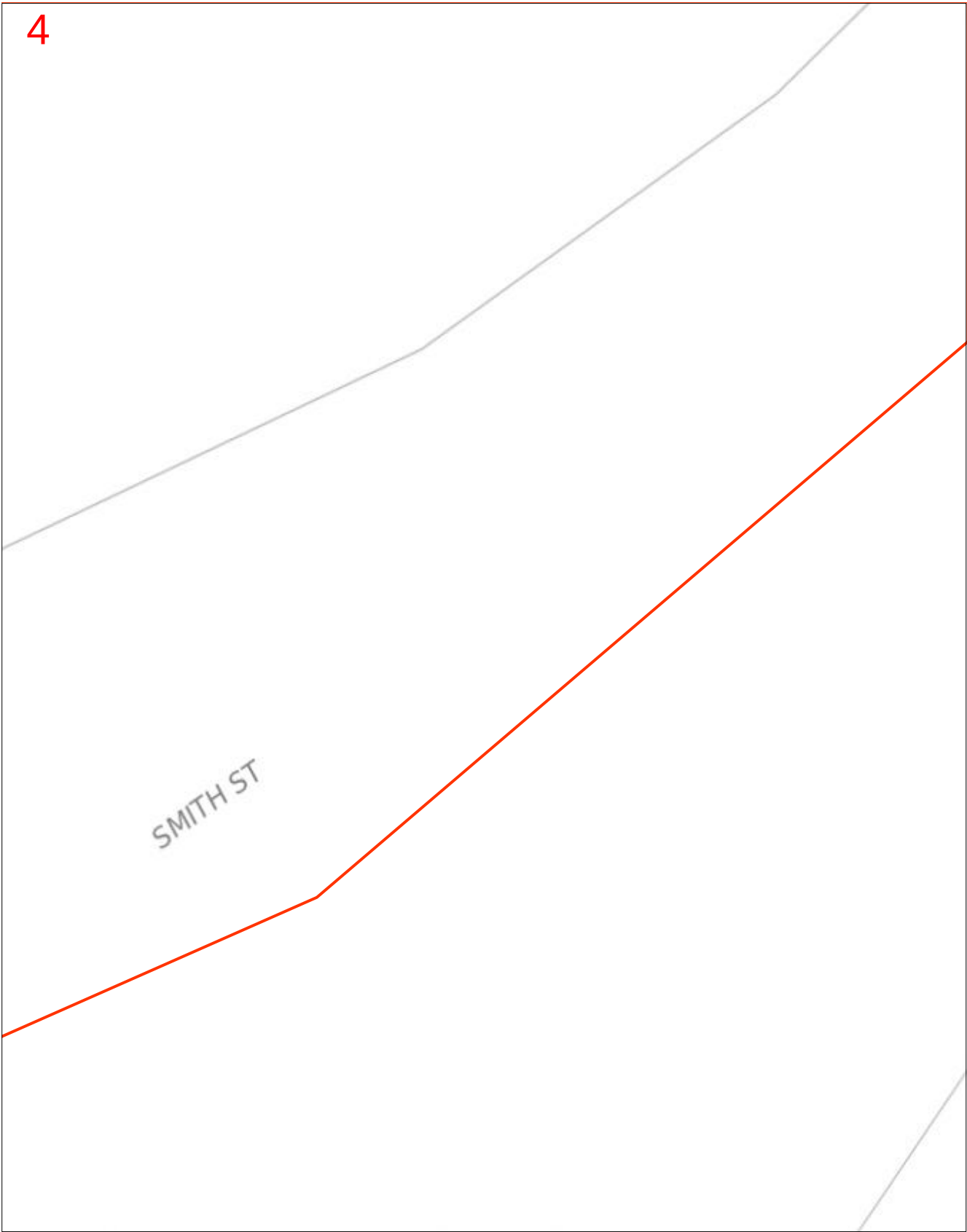
**Sequence Number:** 259315579



Map Sources: Esri, Garmin, HERE, FAO, NOAA, USGS,  
© OpenStreetMap contributors, and the GIS User Community



7



Scale 1: 700

Map Sources: Esri, Garmin, HERE, FAO, NOAA, USGS,  
© OpenStreetMap contributors, and the GIS User Community



Enquiry Area

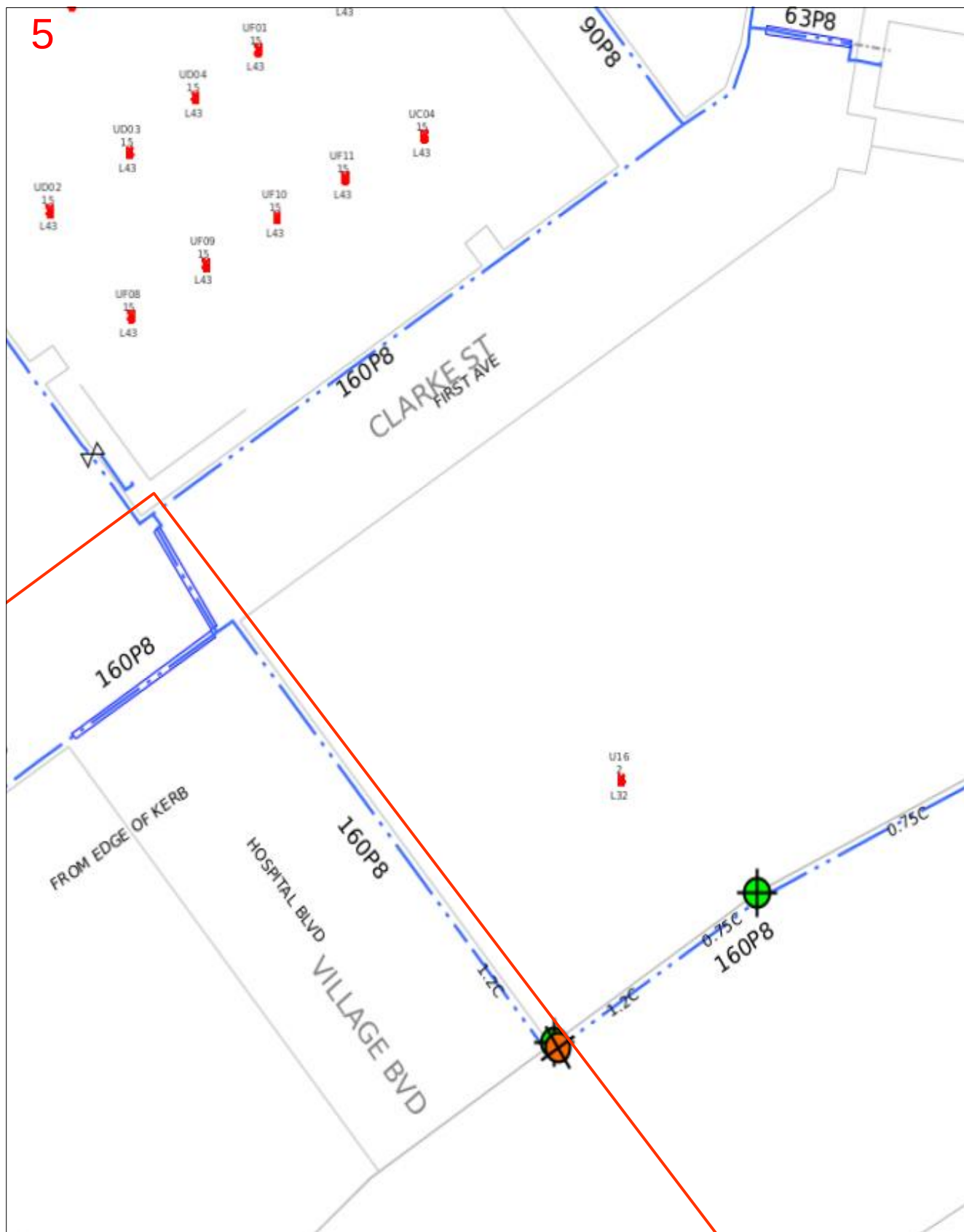


Map Key Area



**Site** 2 Village Boulevard  
**Address:** Southport  
QLD 4215

**Sequence** 259315579  
**Number:**



Scale 1: 700

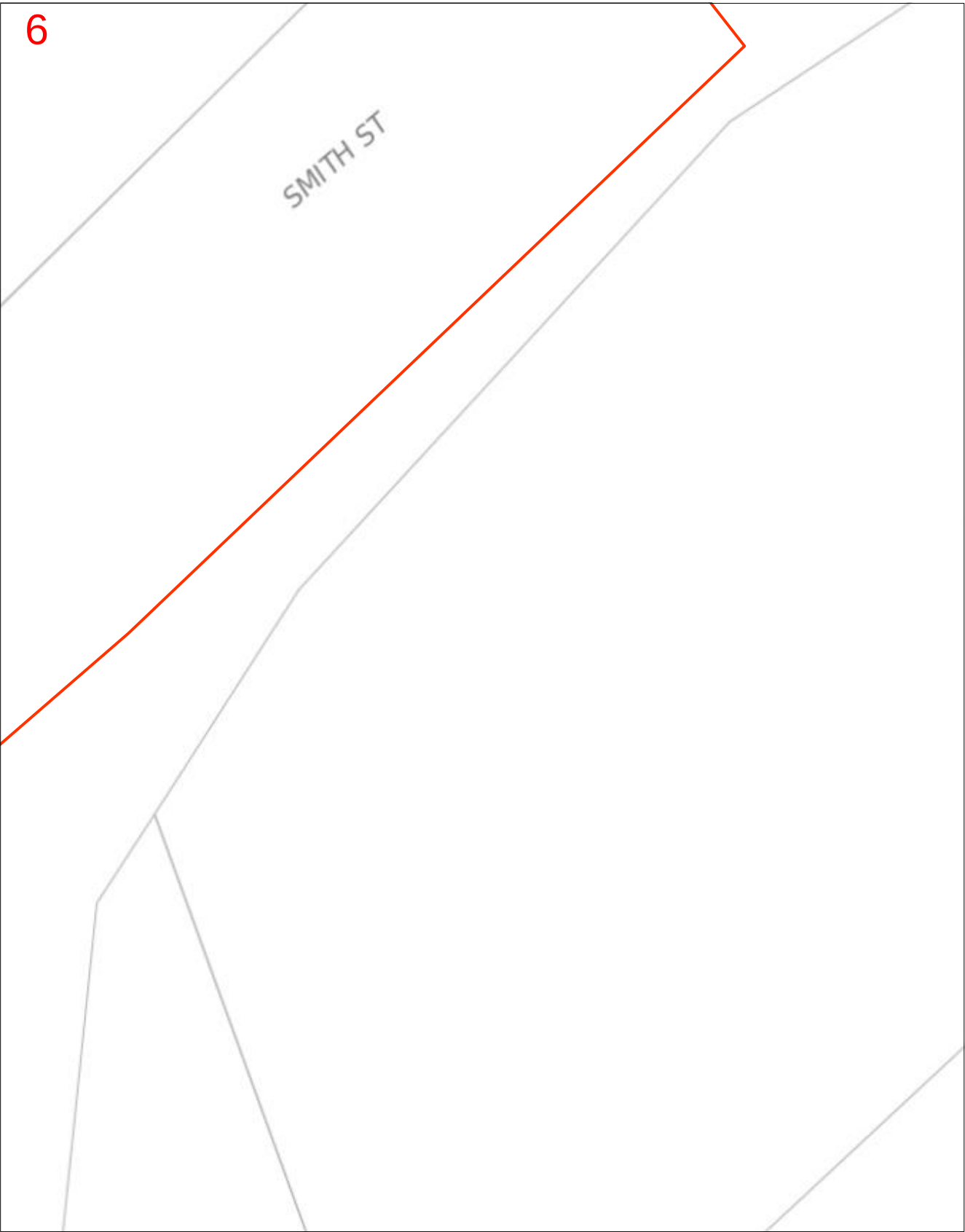
Map Sources: Esri, Garmin, HERE, FAO, NOAA, USGS,  
© OpenStreetMap contributors, and the GIS User Community



Enquiry Area

Map Key Area





Scale 1: 700

Map Sources: Esri, Garmin, HERE, FAO, NOAA, USGS,  
© OpenStreetMap contributors, and the GIS User Community



Enquiry Area



Map Key Area



## Legend

| Pipe                                                                                                                                                     | Pipe code and material                                                                                       | Object                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Low pressure                                                                                                                                             | C* (for example, C2) Cast iron                                                                               | Valve                                                          |
| Medium pressure                                                                                                                                          | CU Copper                                                                                                    | Buried valve                                                   |
| High pressure                                                                                                                                            | N2 Nylon                                                                                                     | Regulator                                                      |
| Transmission pressure                                                                                                                                    | P* Polyethylene (PE)                                                                                         | Gas supplied = yes                                             |
| Critical main (behind pipe)                                                                                                                              | P3 Polyvinyl chloride (PVC)                                                                                  | CP rectifier terminal                                          |
| Proposed (pressure by colour)                                                                                                                            | P6, P7, P9–P12 Medium density PE                                                                             | CP test station                                                |
| LPG (pressure by colour)                                                                                                                                 | P2, P4, P8 High density PE                                                                                   | CP anode                                                       |
| Hydrogen blended (pressure by colour)                                                                                                                    | S* Steel                                                                                                     | CP bond wire                                                   |
| Abandoned                                                                                                                                                | W2 Wrought galv iron                                                                                         | Syphon                                                         |
| Idle/inactive                                                                                                                                            | W3 PE coat wrought galv iron                                                                                 | Trace wire point                                               |
| Sleeve                                                                                                                                                   |                                                                                                              |                                                                |
| Casing (behind pipe)                                                                                                                                     |                                                                                                              |                                                                |
| Area                                                                                                                                                     | Abbreviation                                                                                                 |                                                                |
| BYDA area of interest                                                                                                                                    | BoK Back of kerb                                                                                             | FoK Front of kerb                                              |
|                                                                                                                                                          | C Depth of cover                                                                                             | Galv Galvanized                                                |
|                                                                                                                                                          | CP Cathodic protection                                                                                       | NTI Not tied in                                                |
| Example                                                                                                                                                  |                                                                                                              |                                                                |
| <b>Pipe</b><br><b>40P6 in 80C2</b><br>40 mm high pressure medium density poly in an 80 mm cast iron casing<br><b>63S8</b><br>63 mm medium pressure steel | <b>Pipe code</b><br>Pipe diameter in millimetres is shown before pipe code.<br>40P6 = 40 mm nominal diameter | This map was created in colour and should be printed in colour |

## Important information

- Refer to requirements relating to construction, excavation and other work activities in the **APA Guidelines for Works Near Existing Gas Assets** document with this BYDA response.
- BYDA enquiries are valid for 30 days. If your works commence after 30 days from the date of this response a new enquiry is required to validate location information.
- For some BYDA enquiries, you may receive two (2) responses from APA. Please read both responses carefully as they relate to different assets.
- Gas (inlet) services connecting Gas Assets in the street to the gas meter on the property are not marked on the map. South Australia Only – if a meter box is installed on the property, a sketch of the gas service location may be found inside the gas meter box. APA does not guarantee the accuracy or completeness of these sketches.

### Free Gas Pipeline Awareness Training and Information

#### PROFESSIONALS

APA offers online and in-person toolbox forums to support safe work near underground gas assets. Topics include distribution and transmission pipelines, the permit process, and gas emergencies, with content suited for companies of all sizes. A Continuing Professional Development certificate is available upon completion.

Scan the QR code to register for an online toolbox, or email [damageprevention@apa.com.au](mailto:damageprevention@apa.com.au) to request an in-person presentation.

#### HOMEOWNERS

If you're working near your home's gas pipes stay safe and view APA's video guide '**Working Safely Near Gas Lines: A DIY Homeowner's Guide**' which offers simple tips to avoid damaging gas pipes.

Scan the QR code to view the video, or for more information email [damageprevention@apa.com.au](mailto:damageprevention@apa.com.au)



## Disclaimer and legal details

- This information is valid for 30 days from the date of this response.
- This information has been generated by an automated system based on the area highlighted in your BYDA request and has not been independently verified.
- Map location information is provided as AS5488-2022 Quality Level D, as such supplied location information is indicative only.
- Whilst APA has taken reasonable steps to ensure that the information supplied is accurate, the information is provided strictly on the condition that no assurance, representation, warranty or guarantee (express or implied) is given by APA in relation to the information (including without limitation quality, accuracy, reliability, completeness, currency, sustainability, or suitability for any particular purpose) except that the information has been disclosed in good faith.
- Any party who undertakes activities in the vicinity of APA operated assets has a legal duty of care that must be observed. This legal obligation requires all parties to adhere to a standard of reasonable care while performing any acts that could foreseeably harm these assets.



**With every community, we redefine what's possible.**

Stantec is a global leader in sustainable engineering, architecture, and environmental consulting. The diverse perspectives of our partners and interested parties drive us to think beyond what's previously been done on critical issues like climate change, digital transformation, and future-proofing our cities and infrastructure. We innovate at the intersection of community, creativity, and client relationships to advance communities everywhere, so that together we can redefine what's possible.

**Stantec Australia Pty Ltd**

Level 2, Podium Level, Emerald Lakes Town Centre  
3027 The Boulevard  
Carrara QLD 4211  
AUSTRALIA  
ABN 17 007 820 322  
[stantec.com](http://stantec.com)

