



**DIAL BEFORE  
YOU DIG**  
[www.1100.com.au](http://www.1100.com.au)

# Dial Before You Dig Resources at Your Disposal

Otre Moussa  
September 2013

## What is Dial Before You Dig?

- Dial Before You Dig is a non-profit referral service. It represents most of Australia's underground asset owners
- Dial Before You Dig has a single contact number - **1100**
- Dial Before You Dig is online - **[www.1100.com.au](http://www.1100.com.au)**



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# Dial Before You Dig's Mission

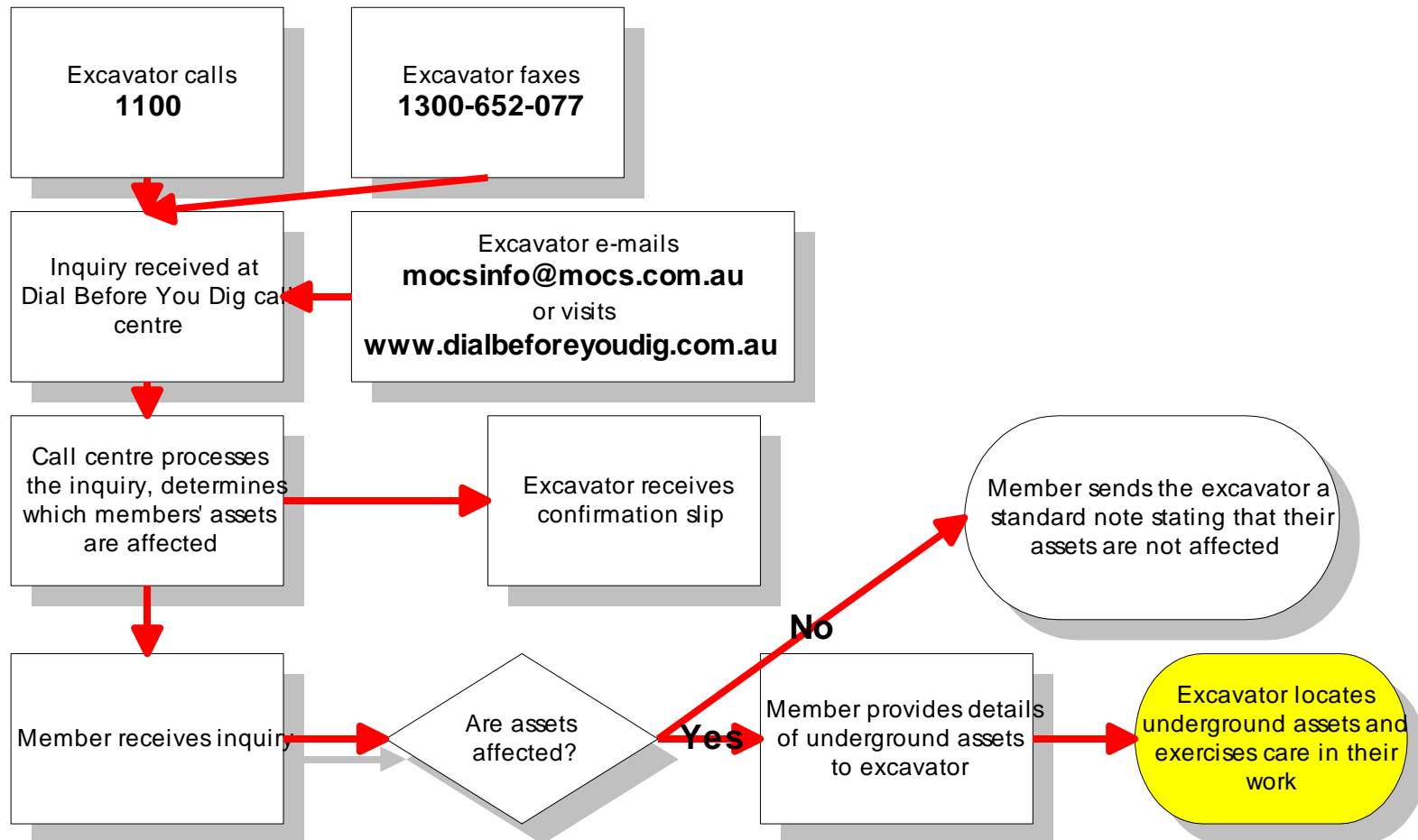
**To reduce the risk of damage to  
members' assets**



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# How Does Dial Before You Dig Work?



## Why Be a Member?

- **Protect your underground assets**
  - **25,000 inquiries a month in NSW**
- **Be part of an association of utilities dedicated to asset protection**



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## Membership Obligations

- **Membership Fee**
  - **\$1.80 plus GST per referral in 2013/14**
- **Respond to inquiries within two working days**
- **Keep your details up-to-date**



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# Legal Obligations-Safe Work Australia

- **Code of Practice-Excavation Work (Section 3):**

- **Manage the risks from essential services at the workplace**
- **Obtain information on the location of underground services through the Dial Before You Dig service**
- **Circulate information to workers and subcontractors onsite**



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## Legal Obligations-Safe Work Australia

- **Code of Practice-Construction Work (Section 7):**
  - **Construction work on or near gas, electricity or chemical networks is high risk construction work**
  - **SWMS must be prepared before this work starts**

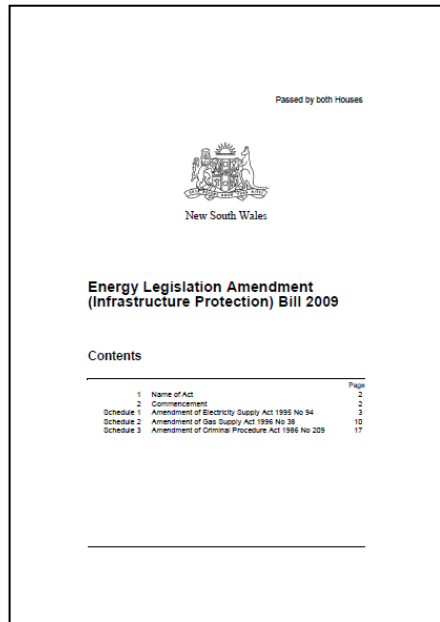


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# Legal Obligations-NSW Electricity and Gas Supply Acts

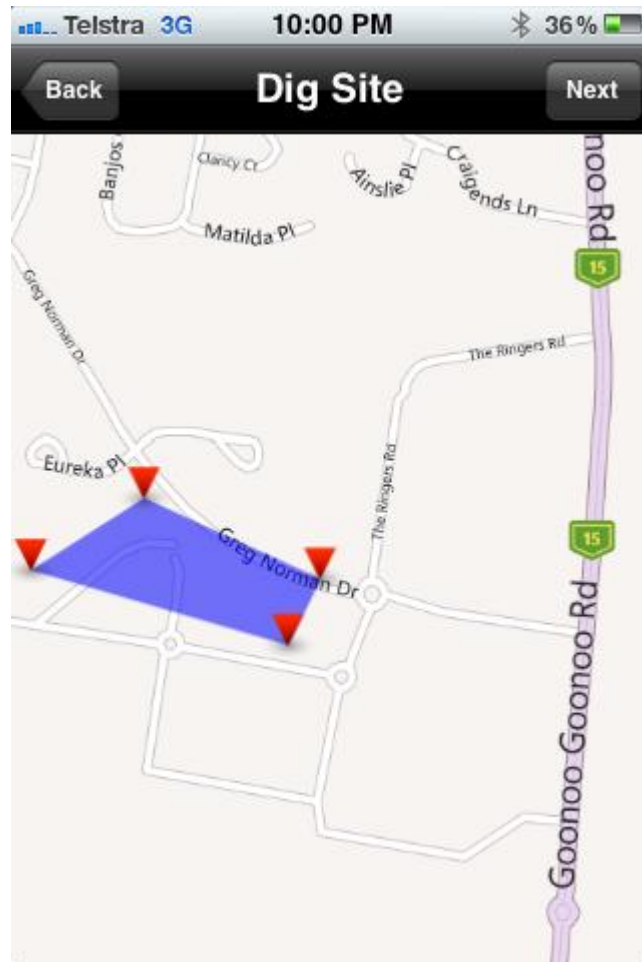
- **Dial Before You Dig and notification of works time and place compulsory**
- **Injunctions where networks are in danger**
- **Mandatory notification of cable damage**
- **Cable damage made a criminal offence**
  - **Maximum penalty – 4,000 penalty units for a corporation, or 200 penalty units or imprisonment for 5 years (or both) for an individual**



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# Dial Before You Dig iPhone Application











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# Dial Before You Dig Emergency Contact Website

 Home

1100 Emergency

**North Sydney, NSW**  
Below is a list of emergency contacts found in the suburb.

	<b>AAPT / PowerTel, NSW</b> 1800786306
	<b>AARNet Pty Ltd, Nsw</b> 1300275662
	<b>Ausgrid (formerly EnergyAustralia)</b> 131388
	<b>Jemena Gas North</b> 131909
	<b>Optus and/or Uecomm, Nsw</b> 1800505777
	<b>PIPE Networks, Nsw</b> 1800201100
	<b>Primus Telecom, Nsw</b> 0394232484
	<b>RailCorp Central</b> 1300656999



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## Damage Reporting System

- **The Damage Reporting System is a national data collection and reporting tool**
- **Developed by Mipela GeoSolutions and built on their X-Info Connect software platform**
- **The Damage Reporting System can be accessed from a desktop client or online through WebConnect access**
- **Members can create customised reports for their own data**



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# Damage Reporting System



  
**mipela**  
GeoSolutions  
Connecting People  
with Information



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## Streets Opening Coordination Council Works Coordination in NSW



100 YEARS

1 9 0 9 - 2 0 0 9



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## Conference Members

- **Ausgrid**
- **Endeavour Energy**
- **Essential Energy**
- **Telstra**
- **Optus**
- **Jemena**
- **Sydney Water**
- **RMS**



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## Types of Projects Covered

- **Planned projects by Road Authorities**
- **Planned projects by Utilities**
- **Contestable projects (customer driven)**
- **Private sector projects – medium term**



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# AWARENESS PRESENTATI ON

2013



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**Telstra & the broader community are impacted by around 20,000 cable cuts per year, including around 500 major Optical Fibre cuts.**



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# The four P's

❖ **Planning**

❖ **Potholing**

❖ **Protecting**

❖ **Proceeding**



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# Accredited plant locators

1

MUST HAVE CURRENT PLANS  
ONSITE WHEN LOCATING

2

DO NOT INDICATE DEPTH

3

ALWAYS HAVE CLIENT ON  
SITE WHEN LOCATING

4

WORK SAFELY – ASSESS  
HAZARDS & RISKS

5

COMPLETE & SUBMIT SITE  
RECORD BOOK ON EVERY JOB




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# Site Record Book

IT'S HOW WE CONNECT 

TELSTRA APL SITE RECORD DOCUMENT # 001100

WORKSITE DETAILS  
Postcode: 1100

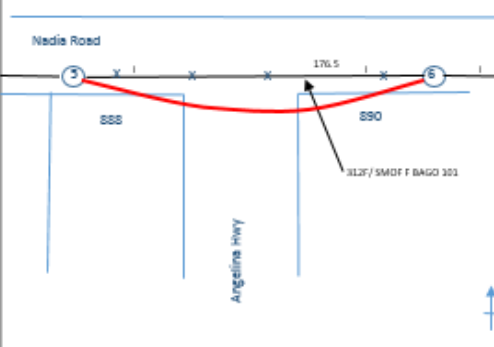
888 -890 Nadia Road, Boatlands, NSW  
(Street name & number, RMB, cross street, nearest landmark)

ID OF PLANS OBTAINED:  
DBYD confirmation # 4201311 Plan(s) sequence # 20132012 Date requested 01/05/13

SUMMARY OF ACTIVITIES

Plans received as per DBYD	Plans current (Check date)	Plans show assets in vicinity	Client on site whilst locating	SWMS conducted	Assets checked	Permitting done	Stand by required	Site marking completed	Sketch completed	Site Record submitted
Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes

Sketch worksite & asset locations- Indicate North with arrow






ASSETS SUMMARY

Utility	Plan	Located
Telecommunication	Yes	Yes
Power		
Water/ Recycle		
Sewerage		
Stormwater		
Oil pipe		
Gas		
Other		

Plans need Amending? Yes No (Circle)

Additional comments/incidents/near misses or variations to plans.  
Telstra plans show that the direct buried optical 312F cable runs outside the property. The actual location of the direct fibre cable after locating and potholing was found in the alignment of the red markings. Plans need to be amended.

Person locating asset (APL)	Person requesting location (Client)
Name (Print) Ota Moussa	Name (Print) Angie Nadia
Business name Before You Locate P/L	Business name Soft Excavation P/L
Date completed asset checks 11/05/13	Date received asset checks 11/05/13
Signed: 	Signed: 

coateshire 

WHITE COPY-CLIENT YELLOW COPY-CONTRACTOR TRAINING BLUE COPY-APL



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# Telstra's Plan Reading



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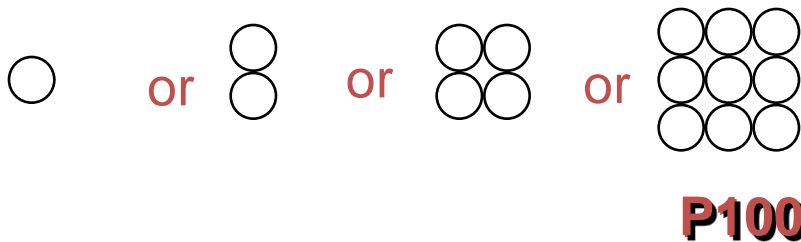
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# Reading Telstra Plans

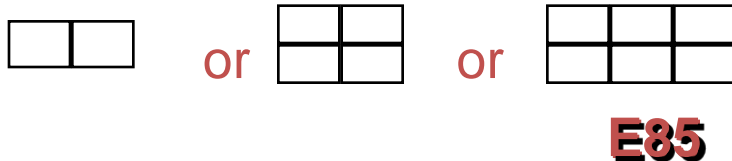
Some examples of conduit types:

A - Asbestos/cement, P - PVC/plastic, C - Concrete, GI - Galvanised iron, E - Earthenware



Single to multiple round conduit configurations (1, 2, 4 and 9 respectively)

**P100**



Multiple square conduit configurations (2, 4 and 6 respectively)

**E85**

Rocla

4XC100 in a  
Concrete  
Pipe

**P50** is a 50mm PVC conduit

**A100** is a 100mm asbestos/cement conduit

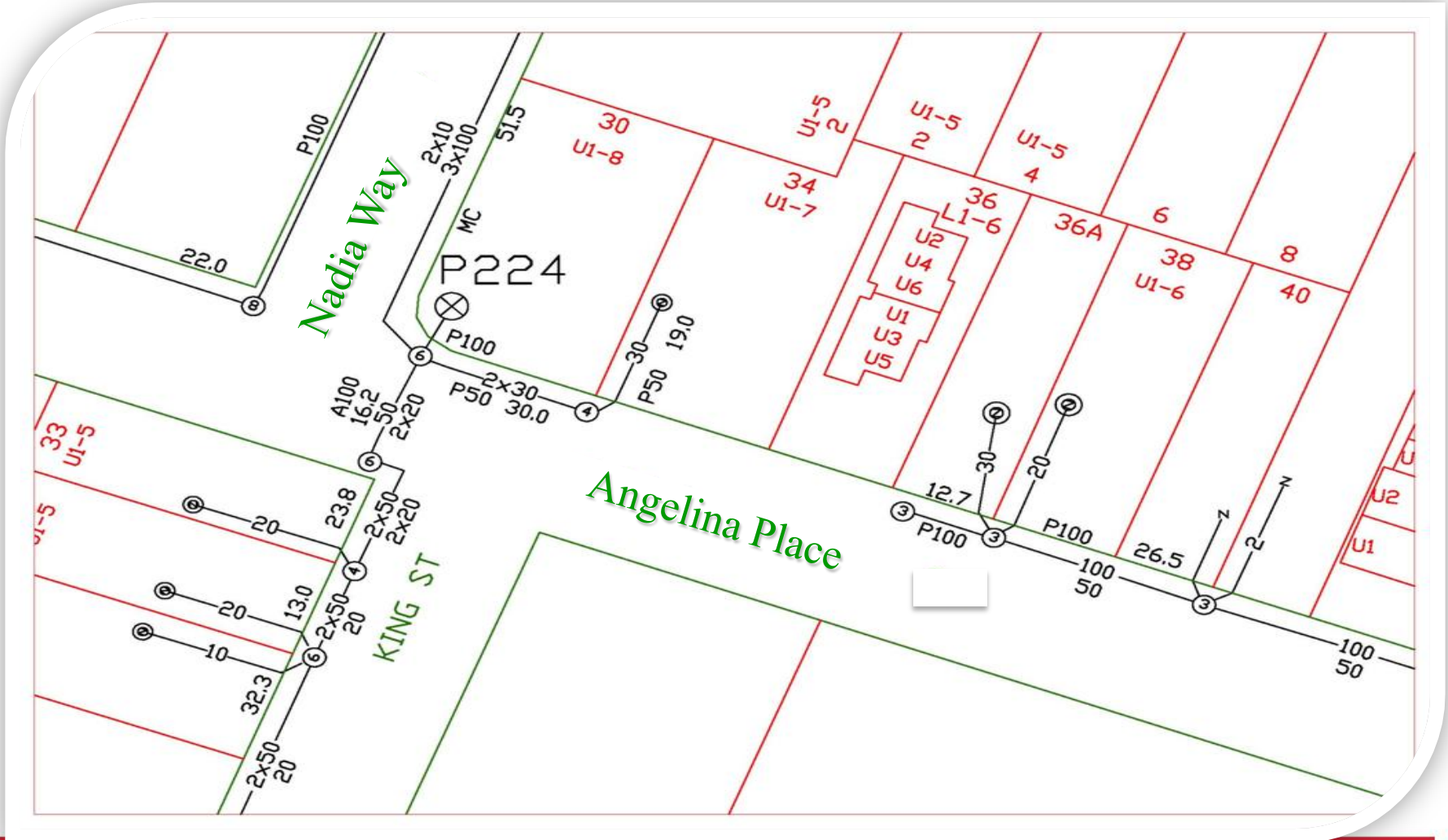
**E 85** is a 85mm earthenware conduit

Conduit sizes nominally range from 20mm to 100mm



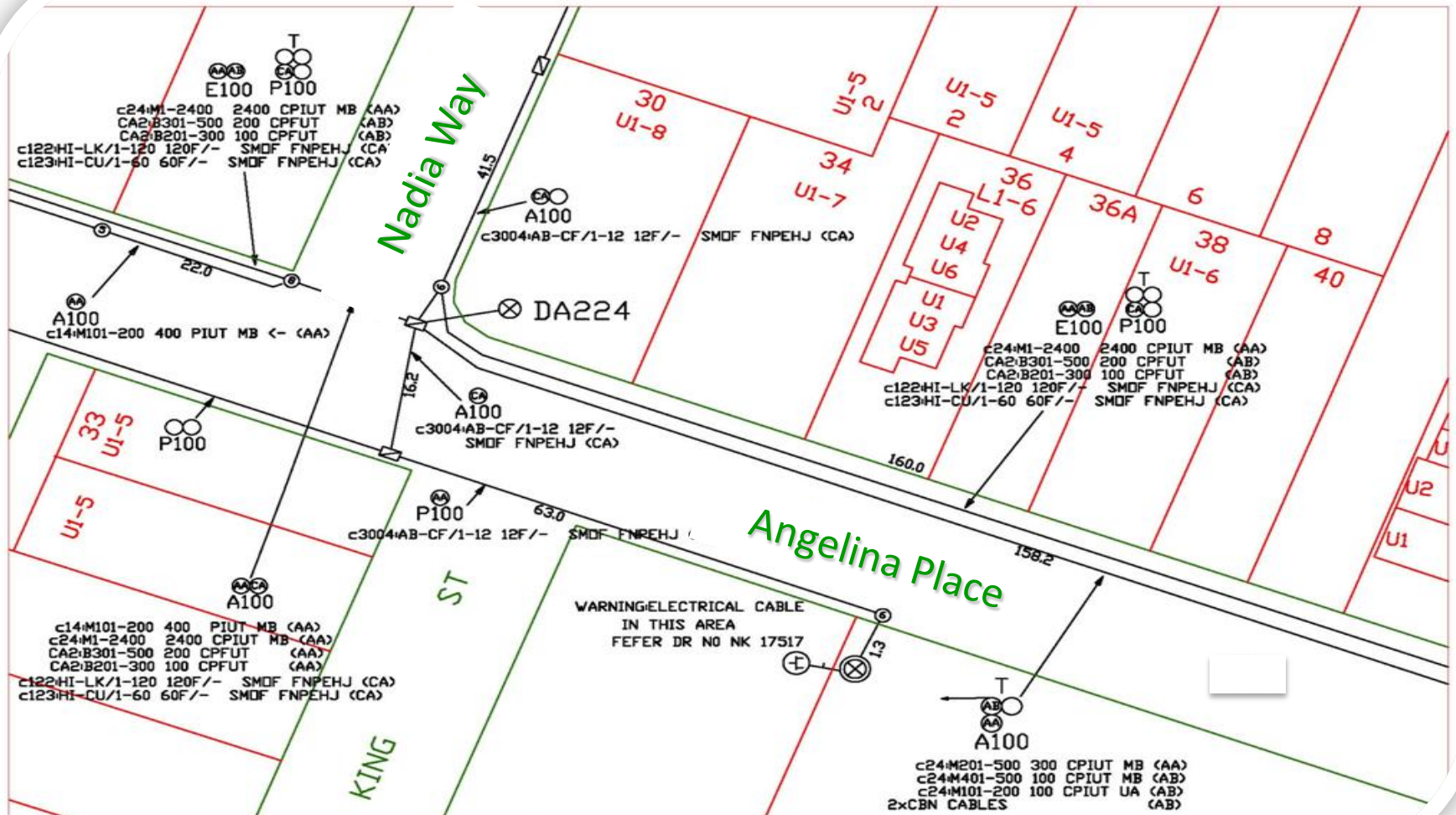
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# Main Network (CC)



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# Contact details

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➤ Phone: 0408279226