**Endeavour Energy** 

Phone: (02) 9853 4161 (8:00am-4:30pm Mon-Fri)

**Emergency Phone Number: 131 003** 



#### **BYDA Underground Search Report**

Date: 28/08/2024

BYDA Sequence No: 243875490 BYDA Job No: 37459211

#### **ENDEAVOUR ENERGY ASSETS AFFECTED**

To:	Andries van der Walt		Company:	Rohrig	
Address:	Unit 13,133-137 Beauchamp Road, Matraville, NSW 2036				
Cust. ID:	3601257	Email:	hyrqw10fouab	xh.es894x82anfoy3@smarterwx-mail.byda.com.au	
Phone:	+61437017720				
Enquiry Location: 10 Morris Grove, Kellyville, NSW 2155					

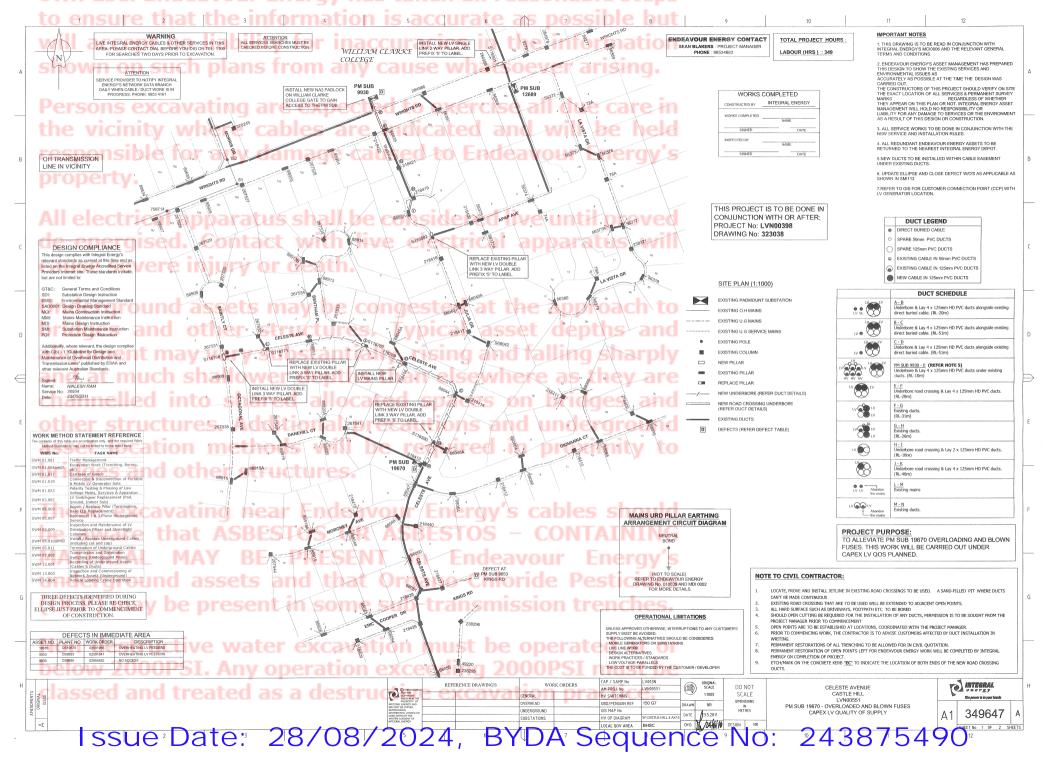
Our Search has shown that **UNDERGROUND ASSETS ARE PRESENT** on our plans within the nominated enquiry location. This search is based on the graphical position of the excavation site as denoted in the BYDA customer confirmation sheet.

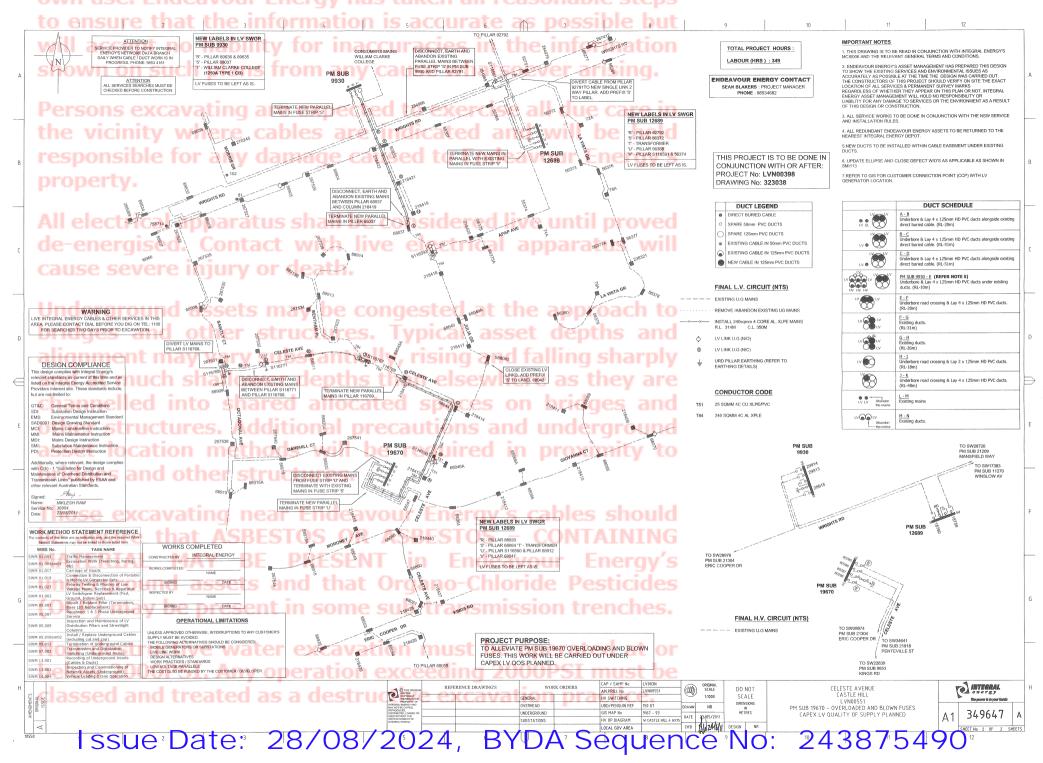
#### **WARNING**

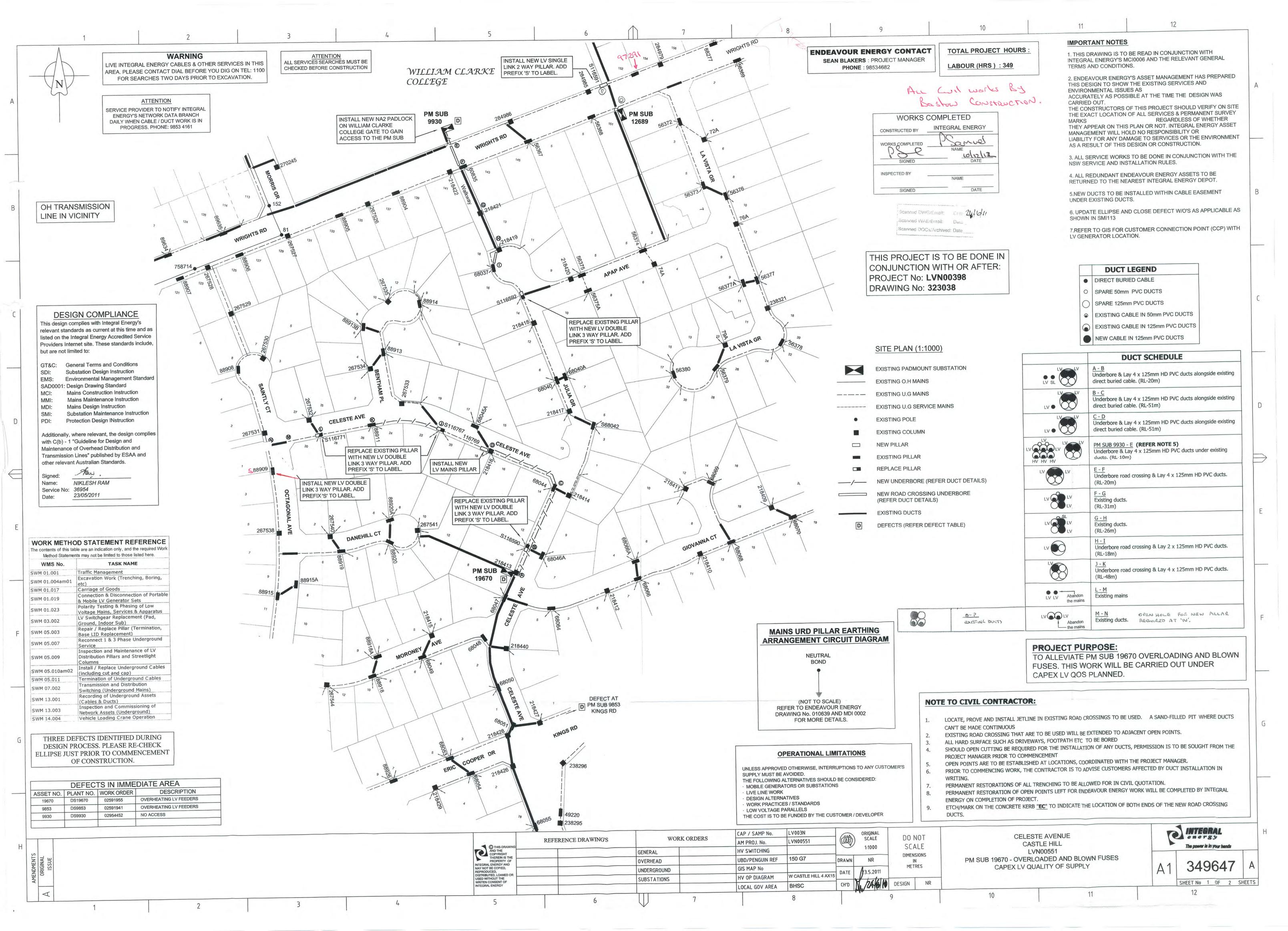
- All electrical apparatus shall be regarded as live until proved de-energised. Contact with live electrical apparatus will cause severe injury or death.
- Underground assets may be congested at the approach to bridges and other structures. Typical asset depths
  and alignment may vary substantially, rising and falling sharply and at much shallower depths than elsewhere as
  they are channelled into shared allocated spaces on bridges and other structures. Additional precautions and
  underground asset location methods will be required in proximity to bridges and other structures.
- In accordance with the *Electricity Supply Act 1995*, you are obliged to report any damage to Endeavour Energy Assets immediately by calling **131 003**.
- The customer must obtain a new set of plans from Endeavour Energy if work has not been started or completed within twenty (20) working days of the original plan issue date.
- The customer must contact Endeavour Energy if any of the plans provided have blank pages, as some underground asset information may be incomplete.
- Endeavour Energy underground earth grids may exist and their location **may not** be shown on plans. Persons excavating are expected to exercise all due care, especially in the vicinity of padmount substations, pole mounted substations, pole mounted switches, transmission poles and towers.
- Endeavour Energy plans **do not** show any underground customer service mains or information relating to service mains within private property.
- Asbestos or asbestos-containing material may be present on or near Endeavour Energy's underground assets.
- Organo-Chloride Pesticides (OCP) may be present in some sub-transmission trenches.
- All plans must be made available at the worksite where excavation is to be undertaken in either printed or
  electronic format. If the plans are in an electronic format, they must be in a format visible on a screen size 10
  inches or greater. Plans must be reviewed and understood by the crew on site prior to commencing excavation.
- Non-destructive water excavation must be operated at or below 2000PSI. Any operation exceeding 2000PSI
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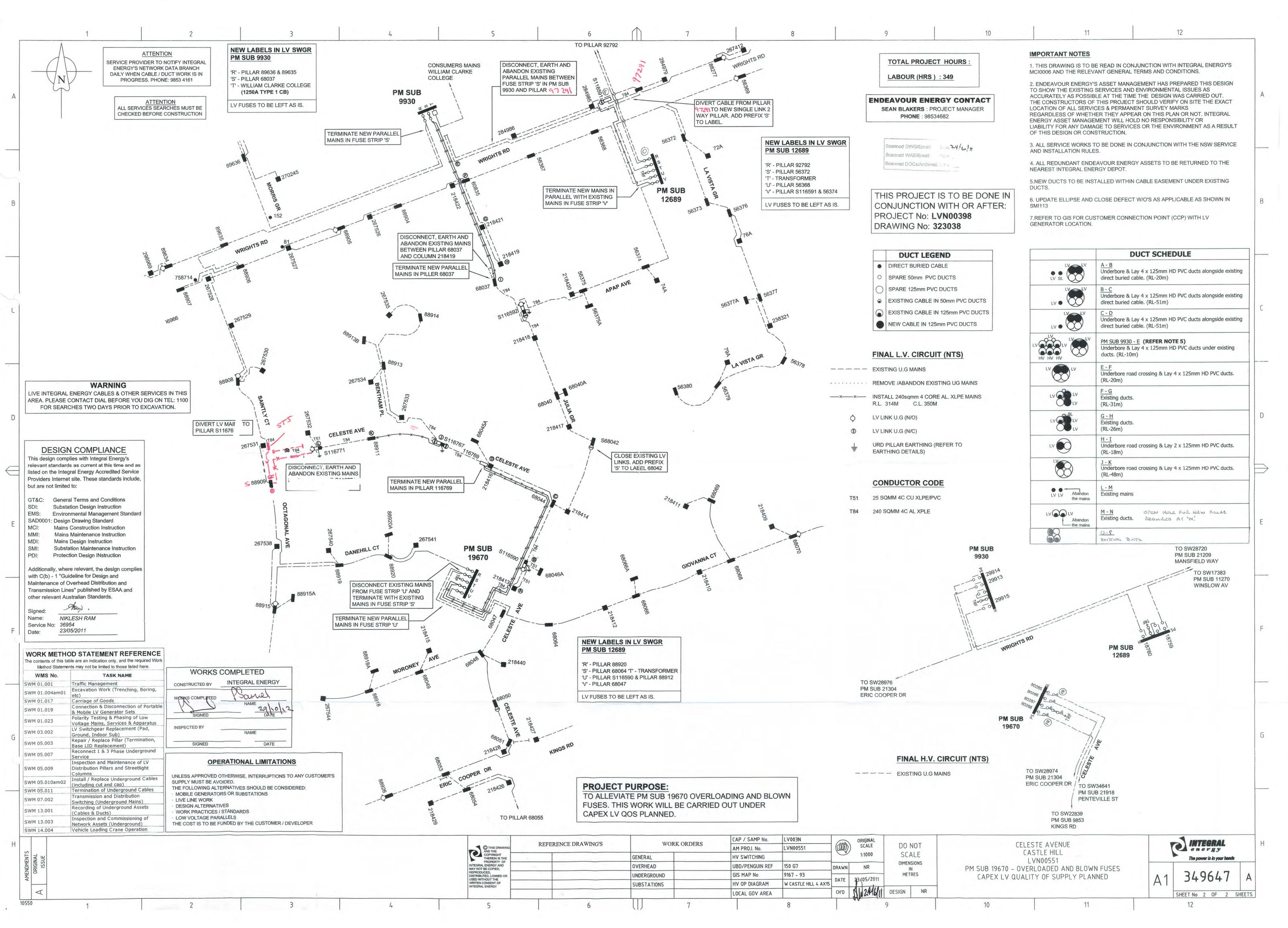
# SUPPLEMENTARY MATERIAL

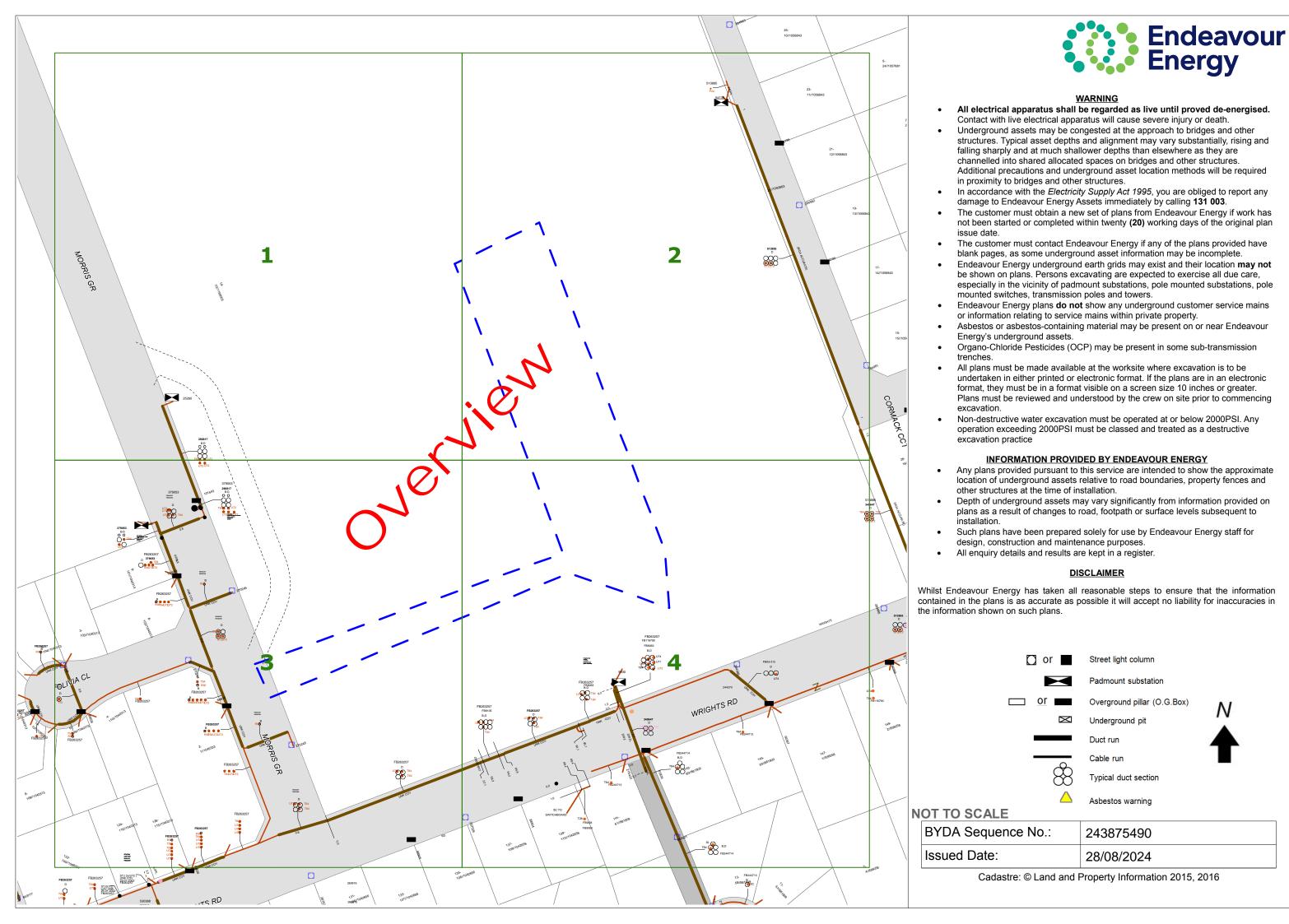
Material	Purpose	Location
BYD Cover Letter	Endeavour Energy BYD response Cover Letter	Attached
BYD Important Information & Disclaimer	Endeavour Energy disclaimer, responsibilities and information on understanding plans	Attached
BYD Response Plans	Endeavour Energy BYD plans	Attached
Work Cover NSW "Work near underground assets: Guide"	Guideline for anyone involved in construction work near underground assets	Contact Work Cover NSW for a copy
Work Cover NSW "Excavation work: Code of practice"	Practical guidance on managing health and safety risks associated with excavation	URL [Click Here]
Safe Work Australia "Working in the vicinity of overhead and underground electric lines guidance material"	Provides information on how to manage risks when working in the vicinity of overhead and underground electric lines at a workplace	URL [Click Here]
Endeavour Energy Safety Brochures & Guides	To raise awareness of dangers of working on or near Endeavour Energy's assets	URL [Click Here ]

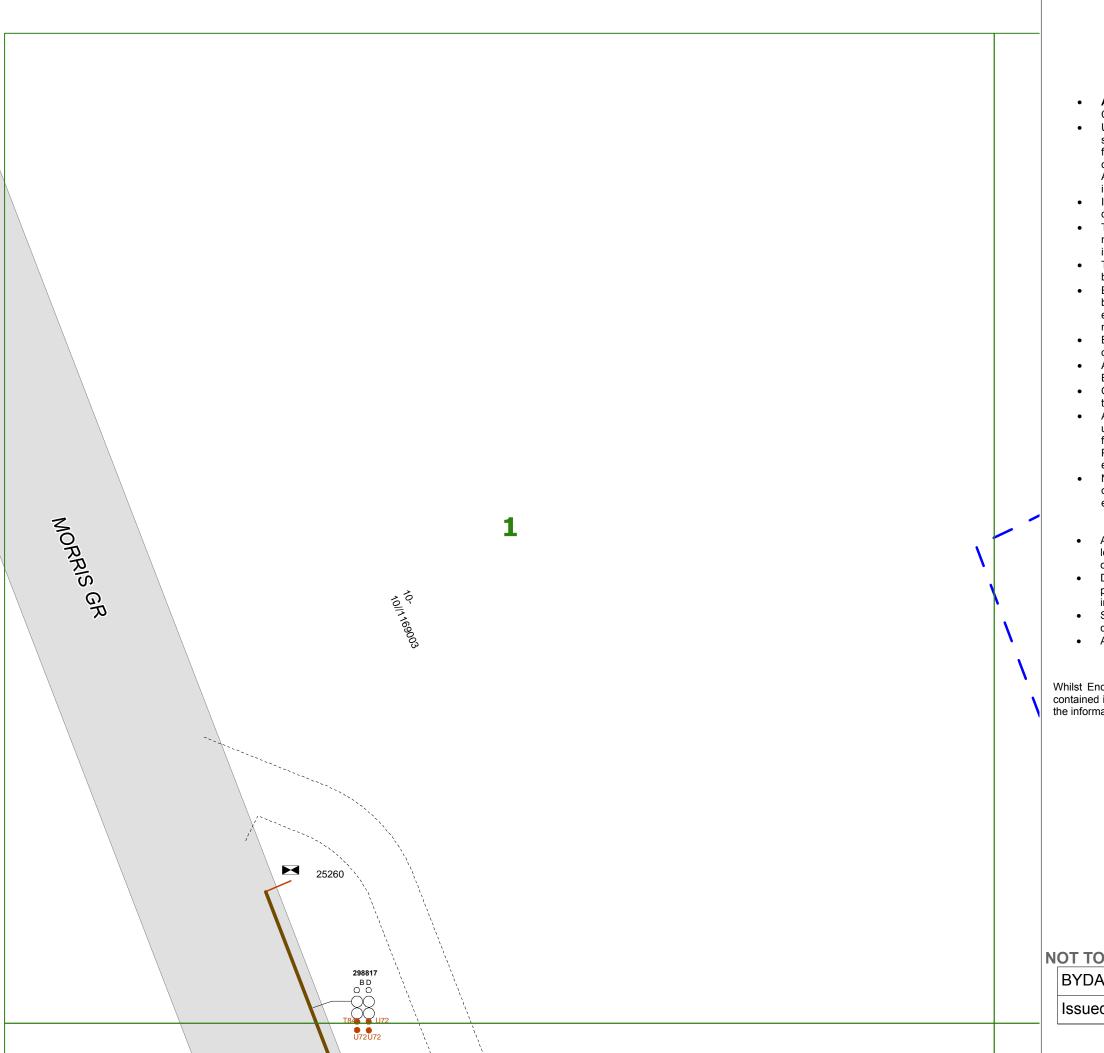














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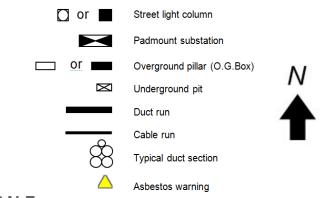
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- Non-destructive water excavation must be operated at or below 2000PSI. Any operation exceeding 2000PSI must be classed and treated as a destructive excavation practice

# INFORMATION PROVIDED BY ENDEAVOUR ENERGY

- Any plans provided pursuant to this service are intended to show the approximate location of underground assets relative to road boundaries, property fences and other structures at the time of installation.
- Depth of underground assets may vary significantly from information provided on plans as a result of changes to road, footpath or surface levels subsequent to
- Such plans have been prepared solely for use by Endeavour Energy staff for design, construction and maintenance purposes.
- All enquiry details and results are kept in a register.

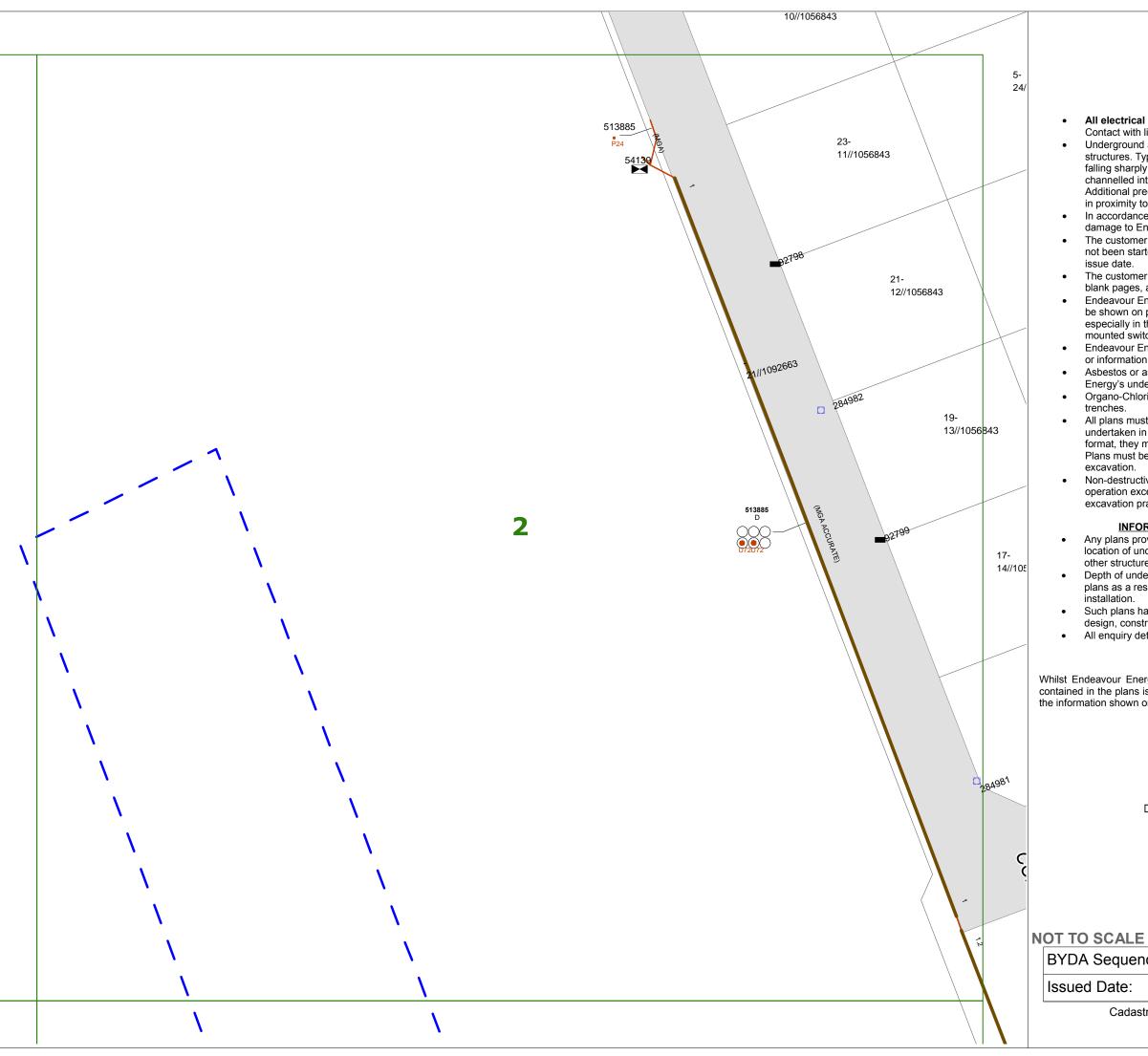
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NOT TO SCALE

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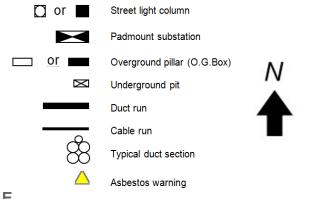
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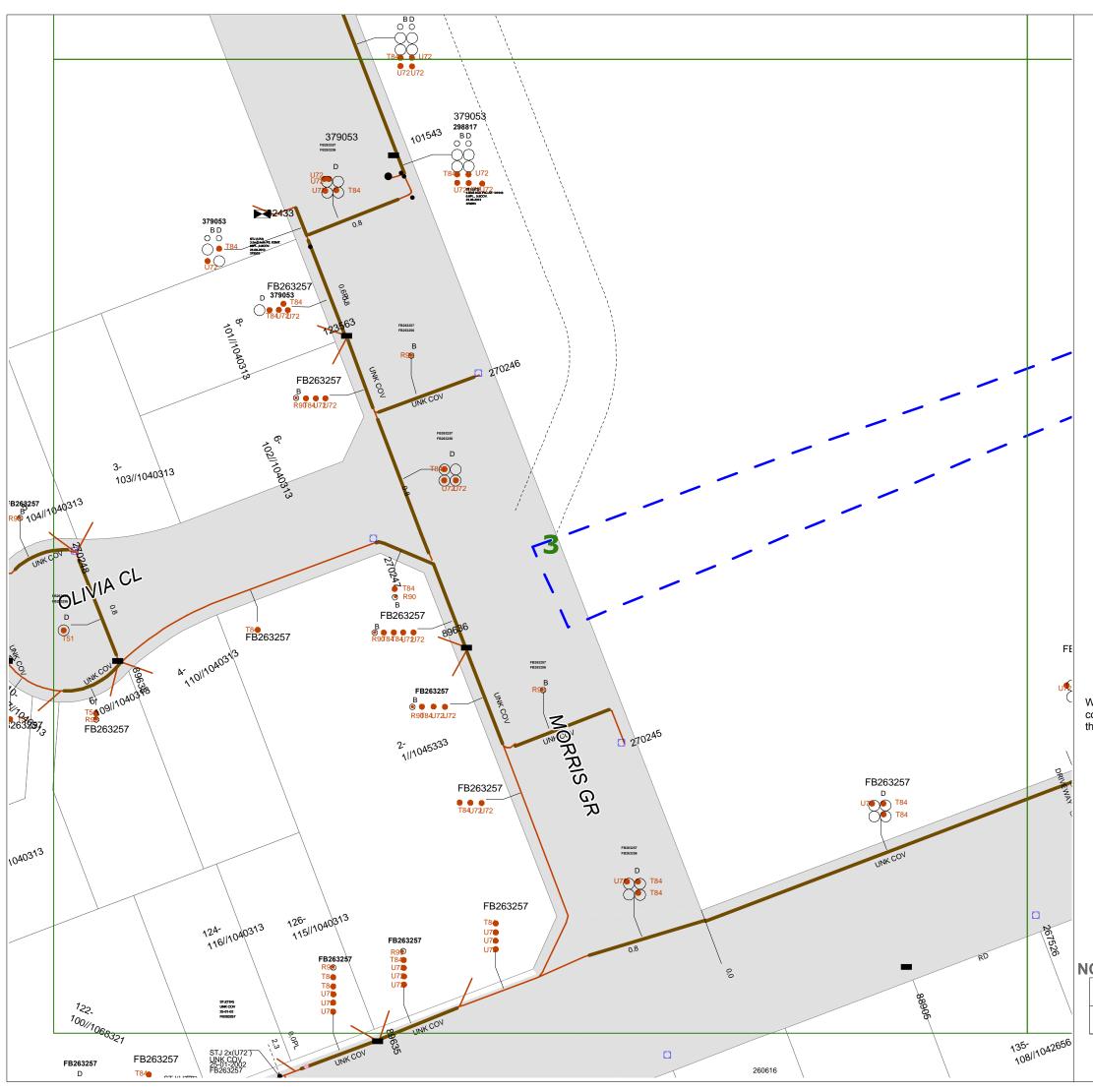
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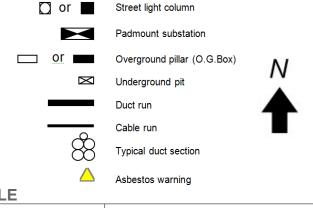
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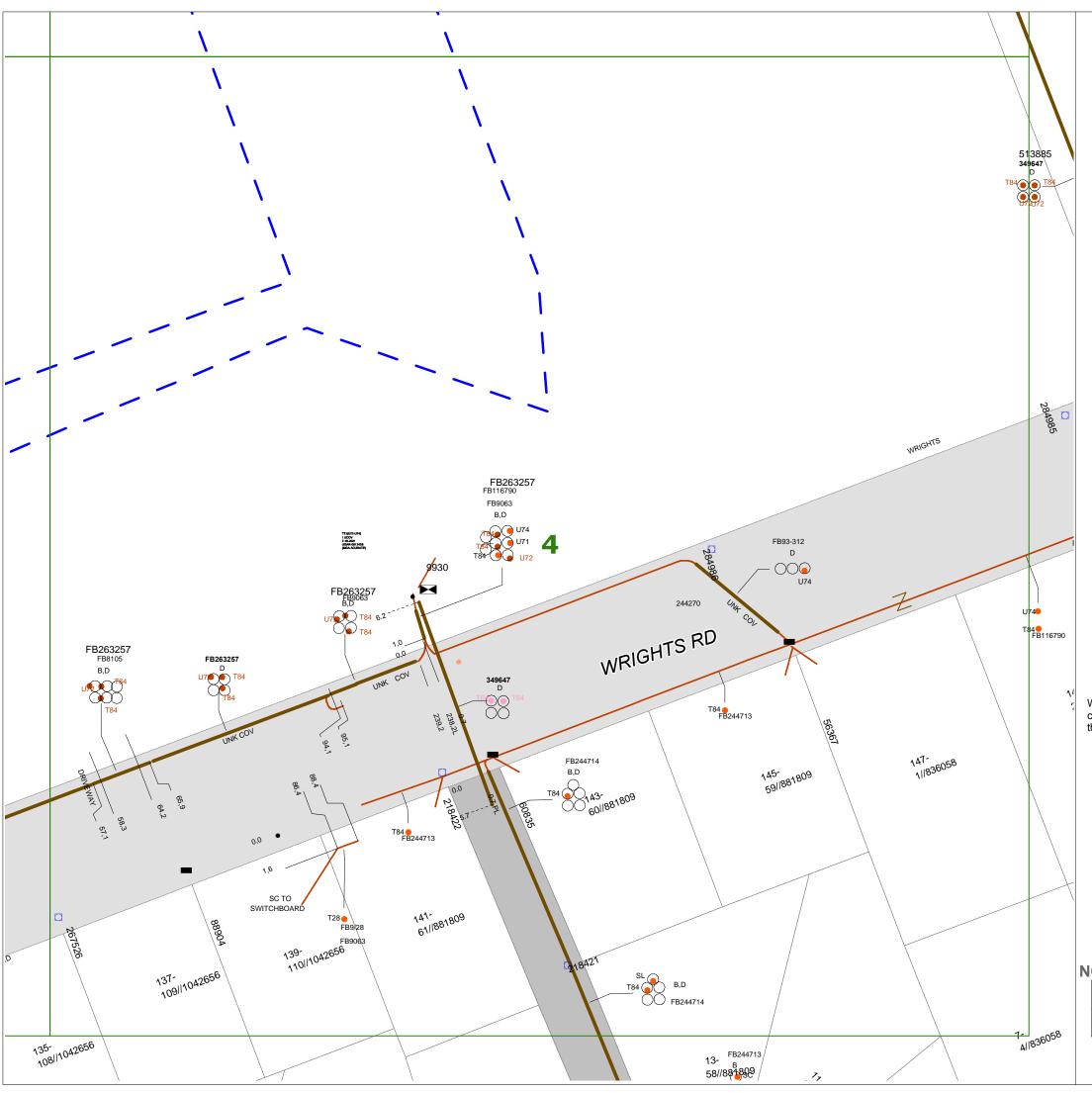
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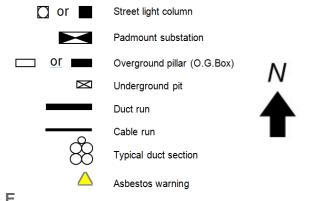
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# BEFORE COMMENCING EXCAVATION YOU MUST READ AND UNDERSTAND ALL INFORMATION PROVIDED IN THE BYDA RESPONSE AND LISTED BELOW

#### **BACKGROUND**

Endeavour Energy is able to make available plans of its underground assets to persons who intend to undertake excavation works in Endeavour Energy's distribution area. Any plans provided to you are made available subject to the provisions set out below, in the provided plans, and in the Endeavour Energy BYDA response Cover Letter.

We have set out below important information regarding the recommended procedures that should be followed when using this service and also the extent of our responsibility in respect of any plans provided. It is very important that you read and understand all the information and disclaimers provided below before excavating.

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#### **CUSTOMER REQUESTS AND RESPONSIBILITIES**

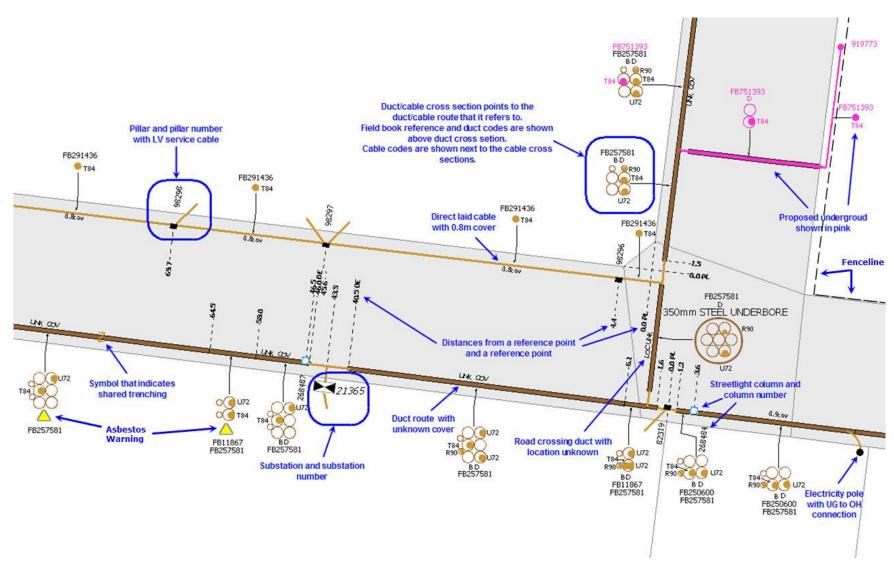
- Endeavour Energy expects to be able to provide relevant plans within 48 hours after a request is made.
- If the enquiry falls within the Transmission Mains area, additional notification requirements shall be complied with as per the instructions in the response Cover Letter.
- Endeavour Energy retains copyright over all plans and details provided in response to a customer's request.
- Persons excavating are expected to exercise all due care in the vicinity where underground assets
  are indicated and will be held responsible for any damage to any underground assets (including any
  Endeavour Energy property) or any other loss caused (including consequential losses) as a result of
  such excavations.
- All underground assets should be visually located by soft digging (pot holing) or hand digging.
- A person who undertakes excavation work is subject to duties and responsibilities under the <u>Work Health and Safety Act 2011</u> and <u>Work Health and Safety Regulation 2011</u>. Please refer to the Work Cover NSW "Work near underground assets: Guide" and "Excavation work: Code of practice" which contain practical advice for working near underground utility services.
- Any damage to Endeavour Energy's assets must be immediately reported on 131 003.
- In all cases of electric shock or suspected electric shock the victim shall immediately be transported to hospital or medical centre for treatment.
- If conduit material cannot be identified, it should be assumed to contain asbestos material.
- Endeavour Energy plans are frequently updated to record changes to underground assets. All plans are valid for **20** working days from the date of issue.

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### **EXAMPLE OF HOW TO READ ENDEAVOUR ENERGY PLANS**



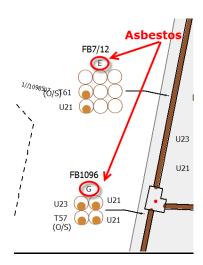
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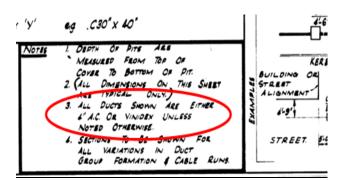
### **IDENTIFYING ASBESTOS DUCTS**

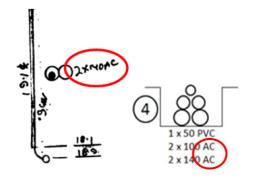
 Duct codes E, F and G identify Fibro Conduits



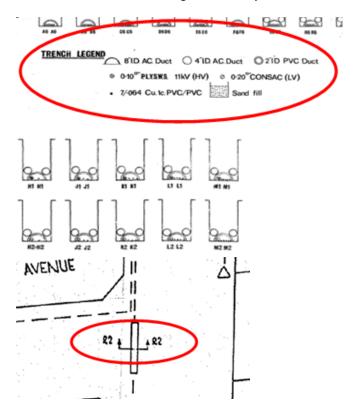
If underground details have not been captured and drawings are used, the method for identifying asbestos ducts and standards are different for the different utilities that amalgamated with Endeavour Energy. Using Reticulation Drawings, there are numerous ways to determine if a duct route has asbestos ducts, refer to following examples:

3. AC (Asbestos Cement) acronym

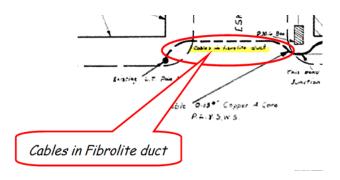




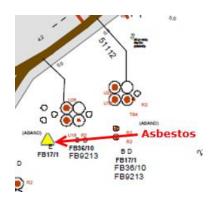
The duct codes G,H,J,K,L,M
Q,R,S,T,U,V,W & X under each
configuration are used on old Blue
Mountains drawings to identify Asbestos



4. Fibrolite (asbestos) ducts



5. Yellow triangle identifies Fibro Conduits



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### STANDARD UNDERGROUND SYMBOLS / LABELS

NOTE: If symbology has not been provided on the plan use symbols as shown below.

### **SYMBOLS & ACRONYMS**

Or Street light column

Padmount substation

Overground pillar (O.G.Box)

Underground pit

Duct run

Cable run

Typical duct section

Typical underbore section

Cable section

Asbestos warning

STJ, PBJ, TTJ

STJ Straight through joint

PBJ Parallel branch joint

TTJ Transition through joint

Underground to overhead pole

SL Streetlight conductor

**SC** Service cable

SE Cable sealed end

SF Service Feeder

**OS** Out of Service

O.A.M. Over awning main

U.A.M. Under awning main

N.I.S. Not in service

---- Fence/dimensioning

Shared trenching

Service point of attachment

# **DUCT CODE LABLES**

**B** = 50 mm PVC

**D** = 125mm PVC

**E** = 100mm Fibro Conduit (Asbestos)

**F** = 140mm Fibro Conduit (Asbestos)

**G** = 150mm Fibro Conduit (Asbestos)

# **DEPTH & LOCATION LABELS**

**0.5- 0.7 COV** = 0.5m - 0.7m

**0.9 COV** = 0.9m Depth

**UNK COV** = Depth Unknown

**LOC UNK** = Location Unknown

**0.9 PL** = Located 0.9m from Property Line