- City (308) 58

Alterations to Mains
Bellevue Tram
D.C. 612

19.2.09

SYDNEY WATER
THIS PLAN IS NOT NECESSARILY UP TO DATE OR CORRECT AND SYDNEY WATER ACCEPTS NO RESPONSIBILITY IN THAT

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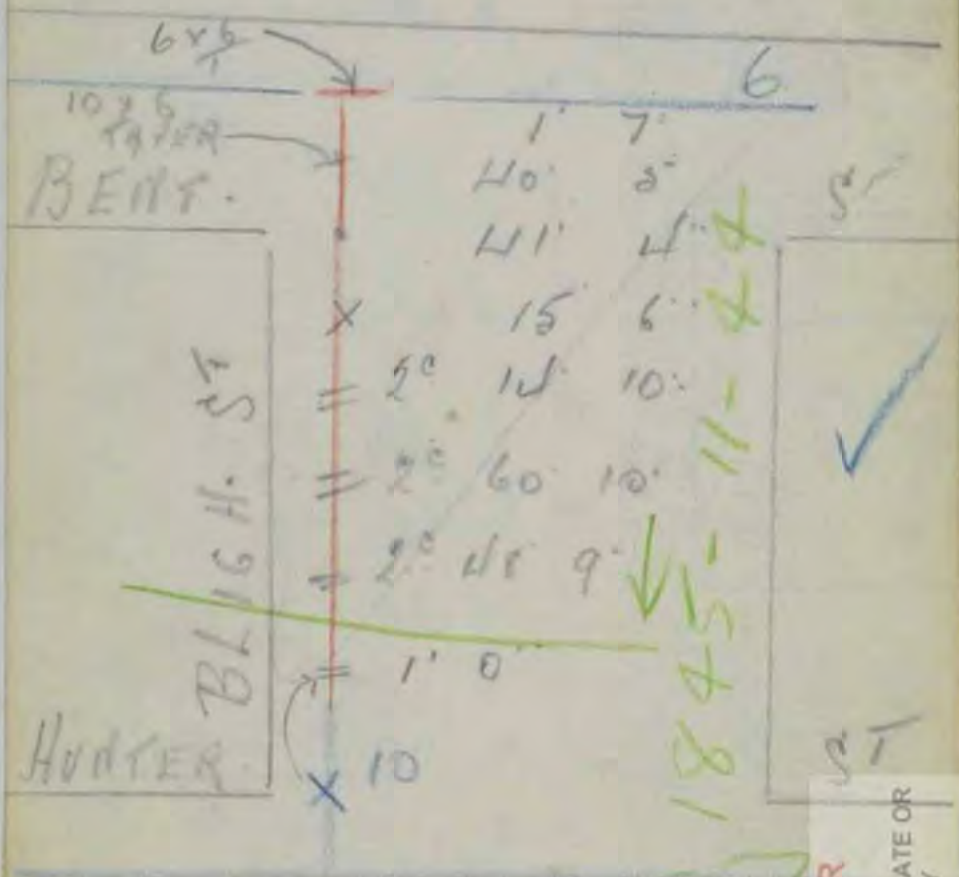
88 — CITY 208 — BOARD'S LABOUR

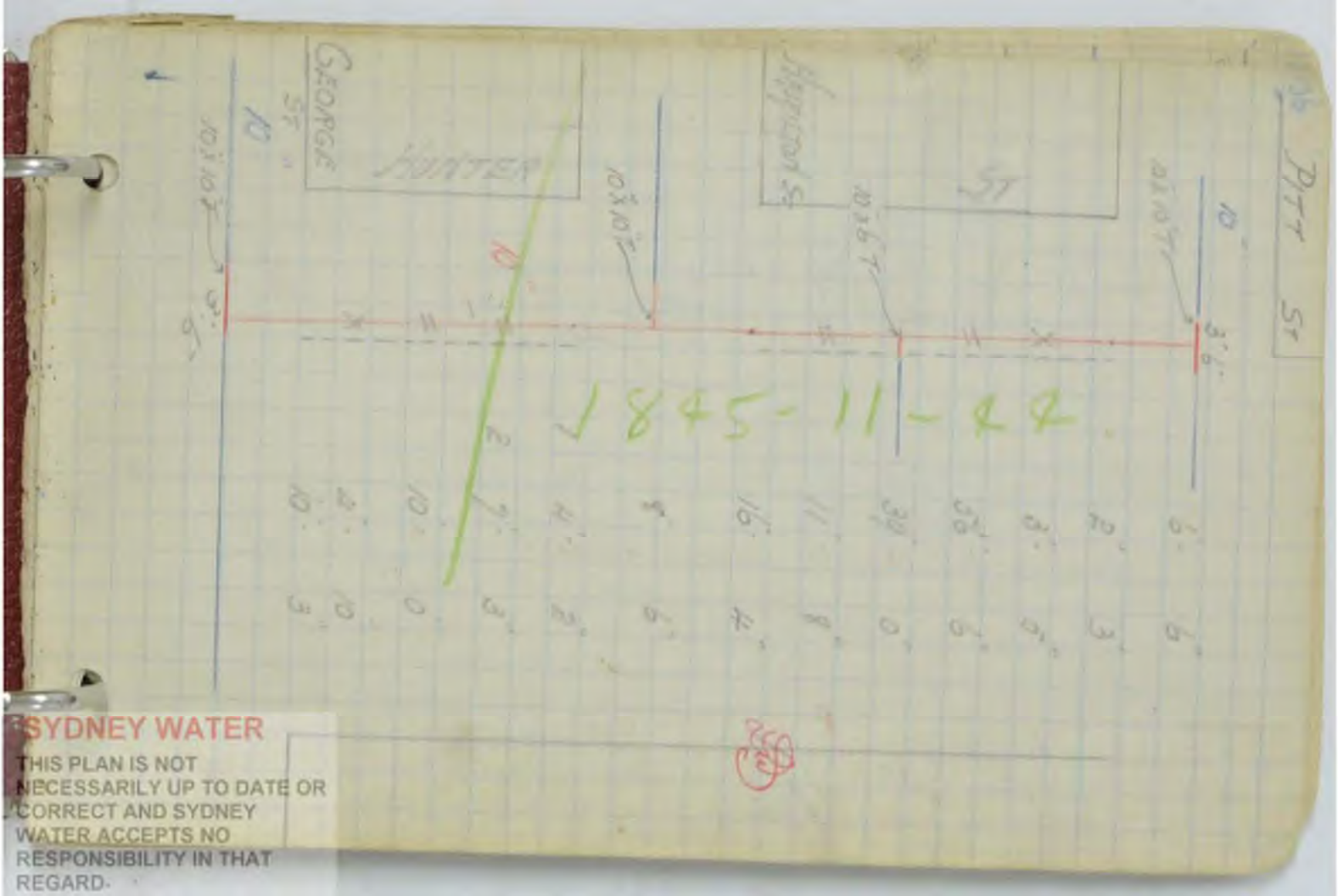
W07001 6 COM 23. 11. 25
Bk. 9. 6 FIN 1. 12. 25



Cardindexed
19-1-26

Charted.
City 2ch. Lht 15c
19-1-26

SYDNEY WATER
THIS PLAN IS NOT NECESSARILY UP TO DATE OR CORRECT AND SYDNEY WATER ACCEPTS NO RESPONSIBILITY IN THAT REGARD.



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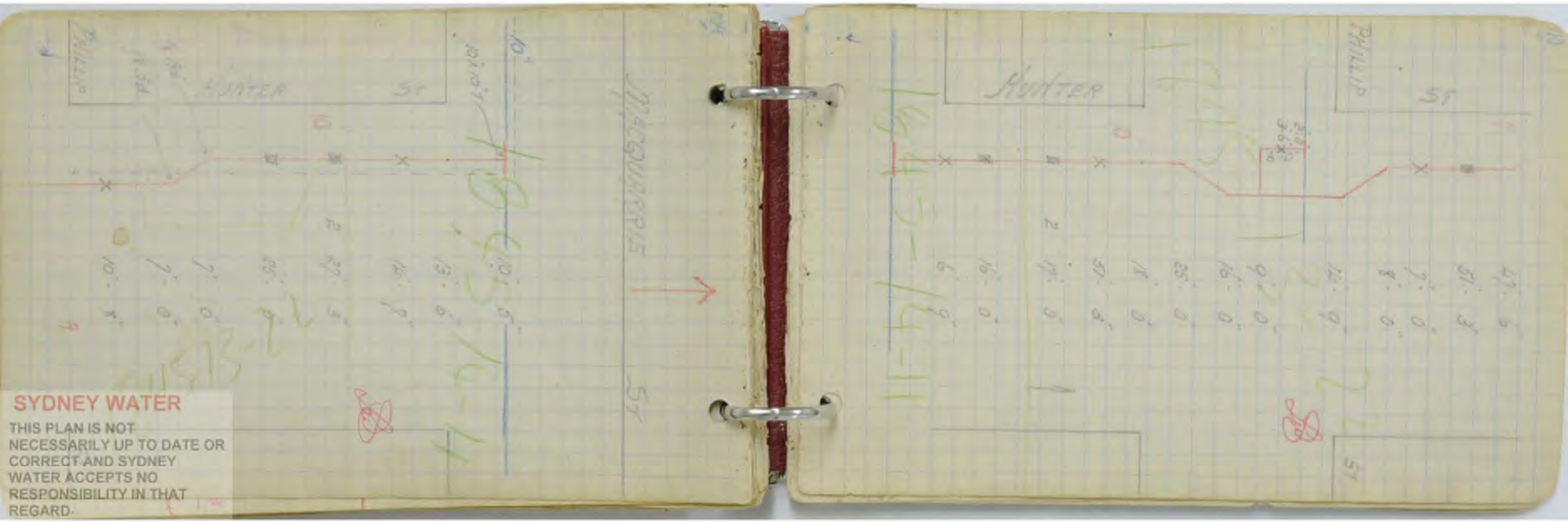

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113

— CITY —

Lay 10" Main HUNTER ST

W/O 70175

Com 29 - 11 - 27
Fin 9 . 1 . 28

B.L. & FOOTWAY

GEORGE ST

Cardinders

23-4-28

1

9 - 0

7 - 6

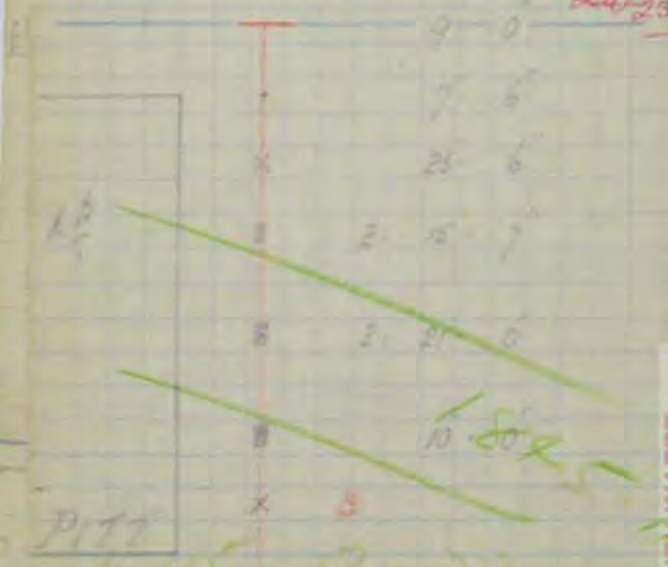
25 - 6

2 - 15 - 7

2 - 21 - 0

10 - 80

PITT



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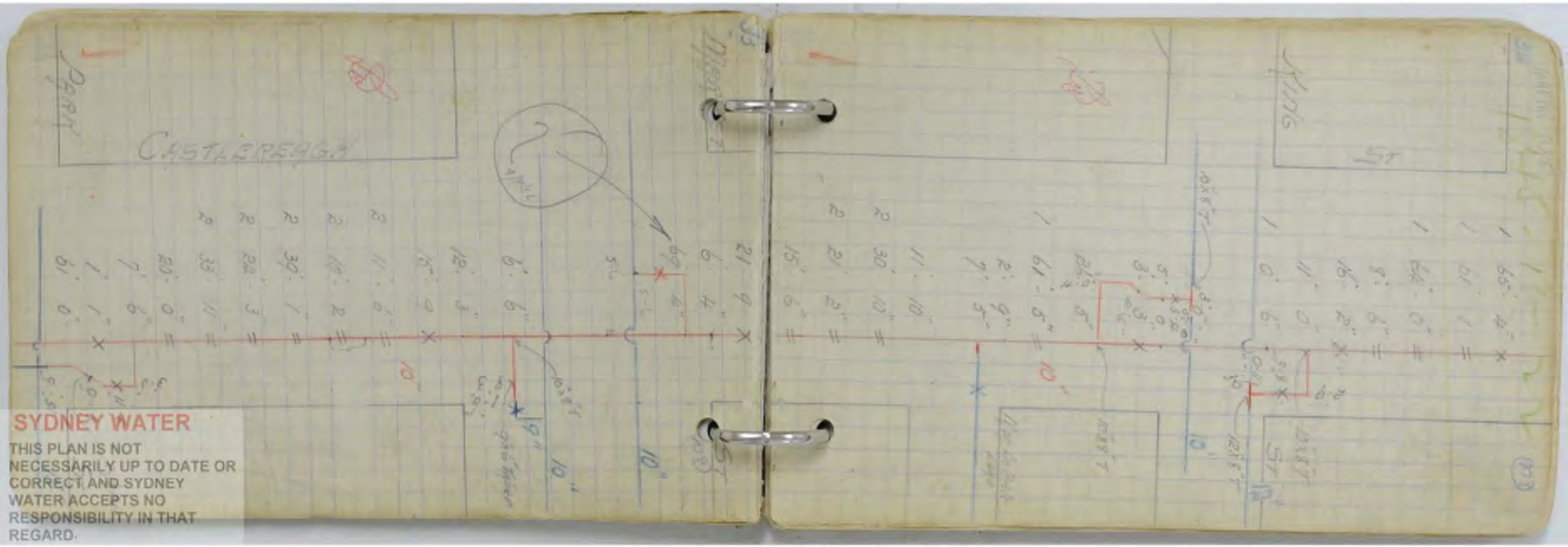

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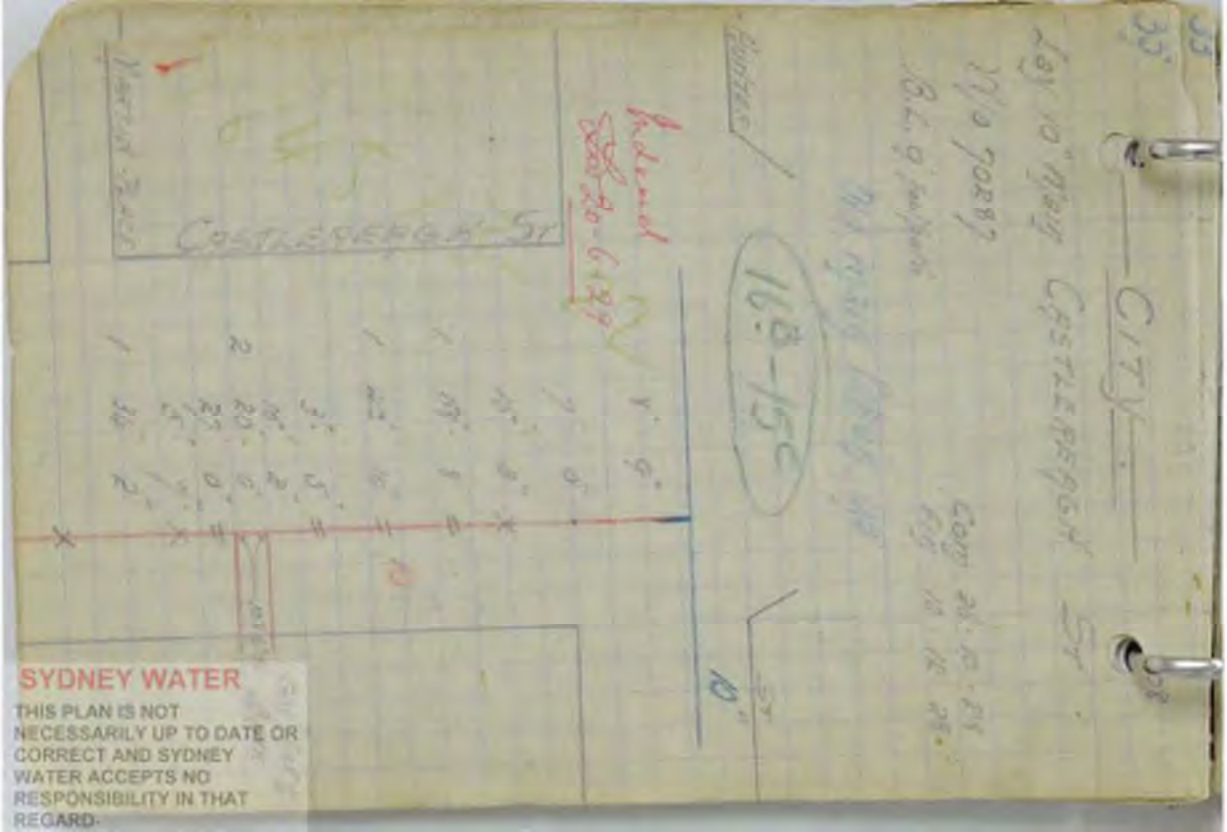
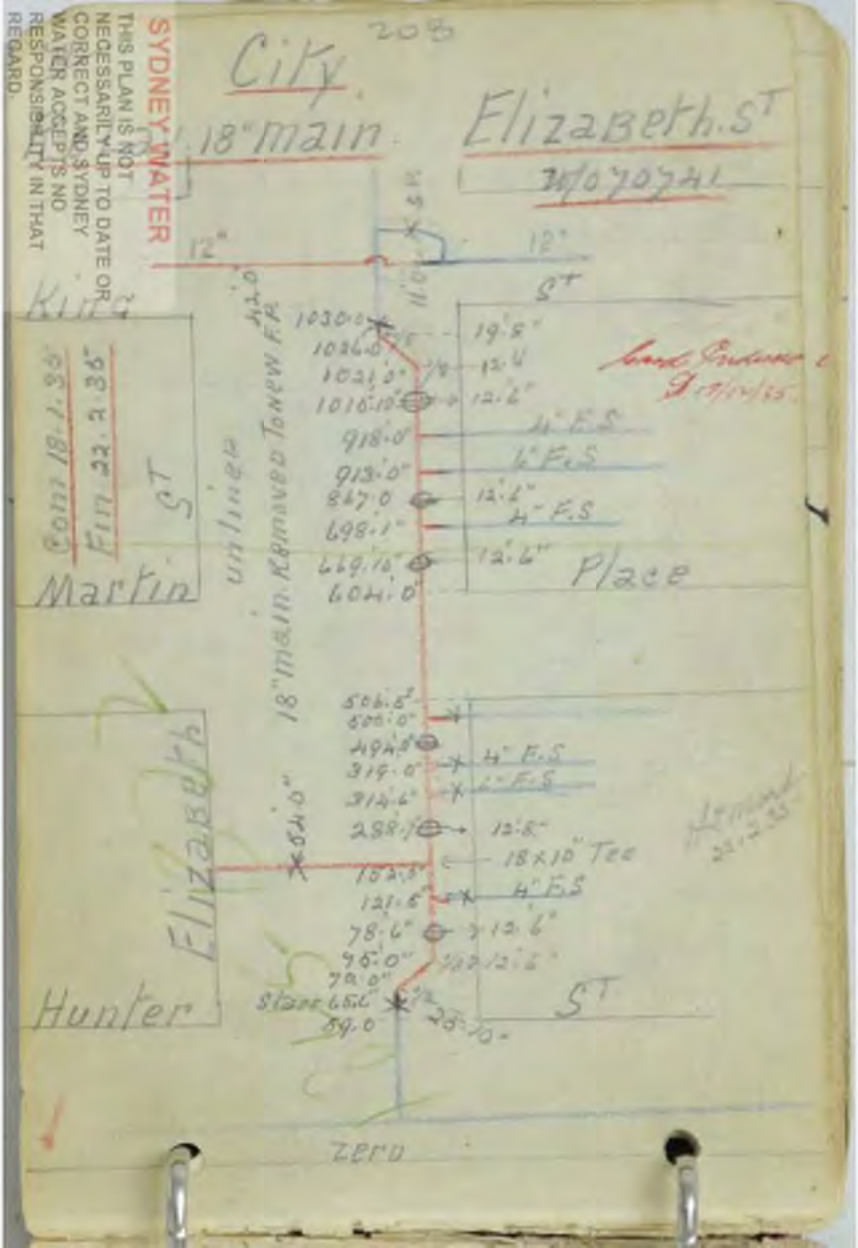

COSTLEREAGH ST
SYDNEY WATER
THIS PLAN IS NOT NECESSARILY UP TO DATE OR CORRECT AND SYDNEY WATER ACCEPTS NO RESPONSIBILITY IN THAT REGARD.



SYDNEY WATER
THIS PLAN IS NOT NECESSARILY UP TO DATE OR CORRECT AND SYDNEY WATER ACCEPTS NO RESPONSIBILITY IN THAT REGARD.

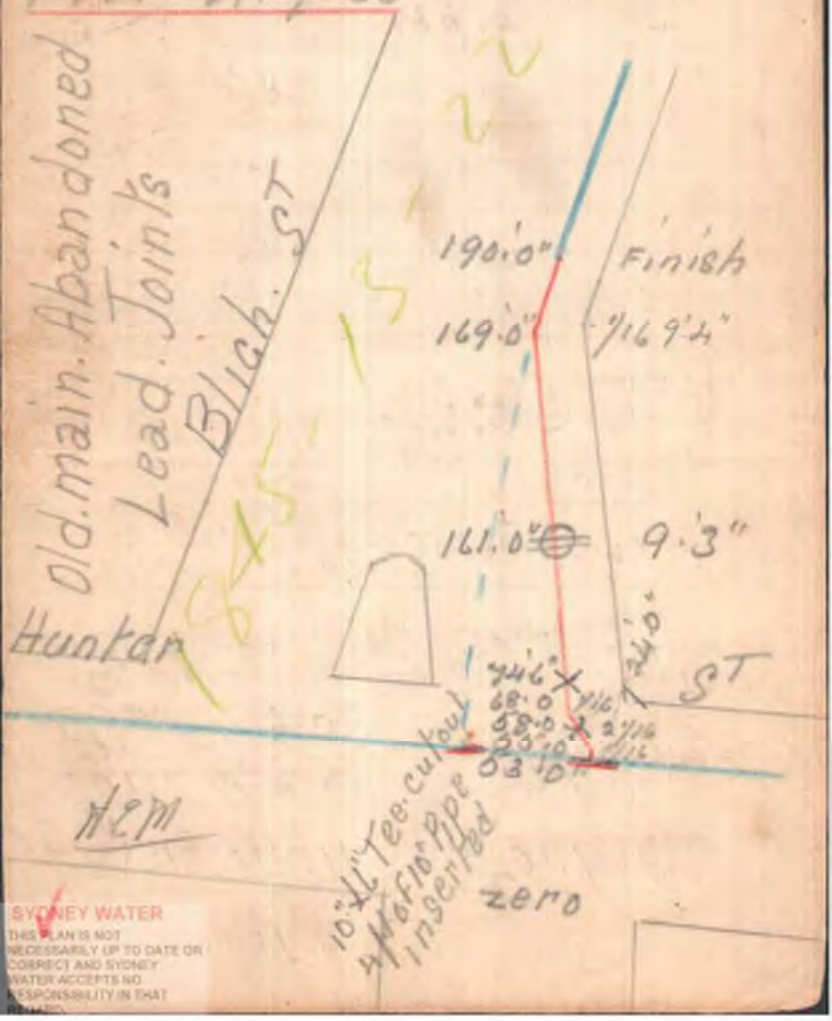
89

City

Lay. 6" main. Bligh. ST

Contr 2.9.36 Dft 7/1246

Fin 4.9.36



H.P.M

SYDNEY WATER
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M . B . W . S . & S .

CITY SEWERAGE

— NORTHERN DIVISION —

Scales. Hor. 60 Links. Ver. 20 Feet to 1 inch.

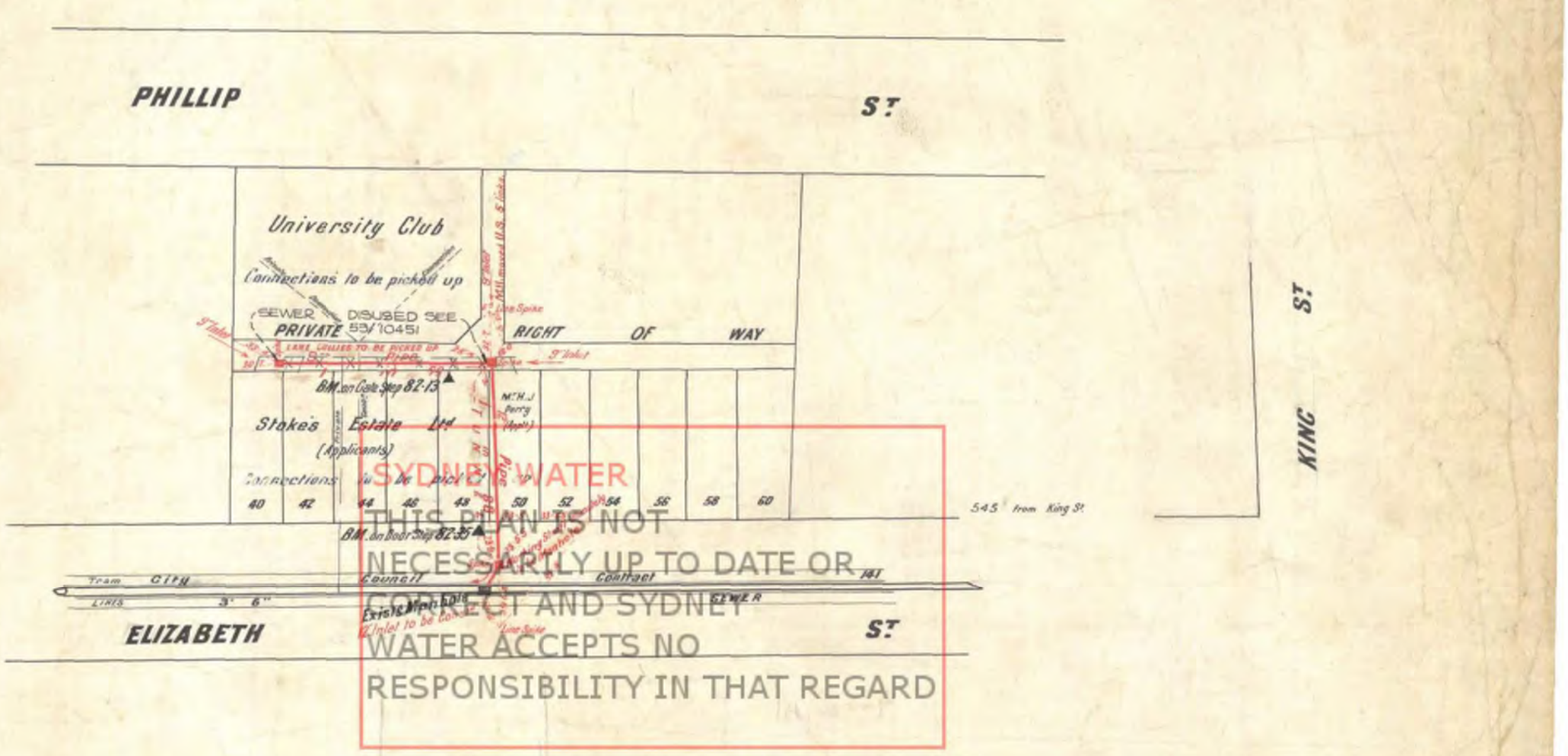
Finished 16-6-23.

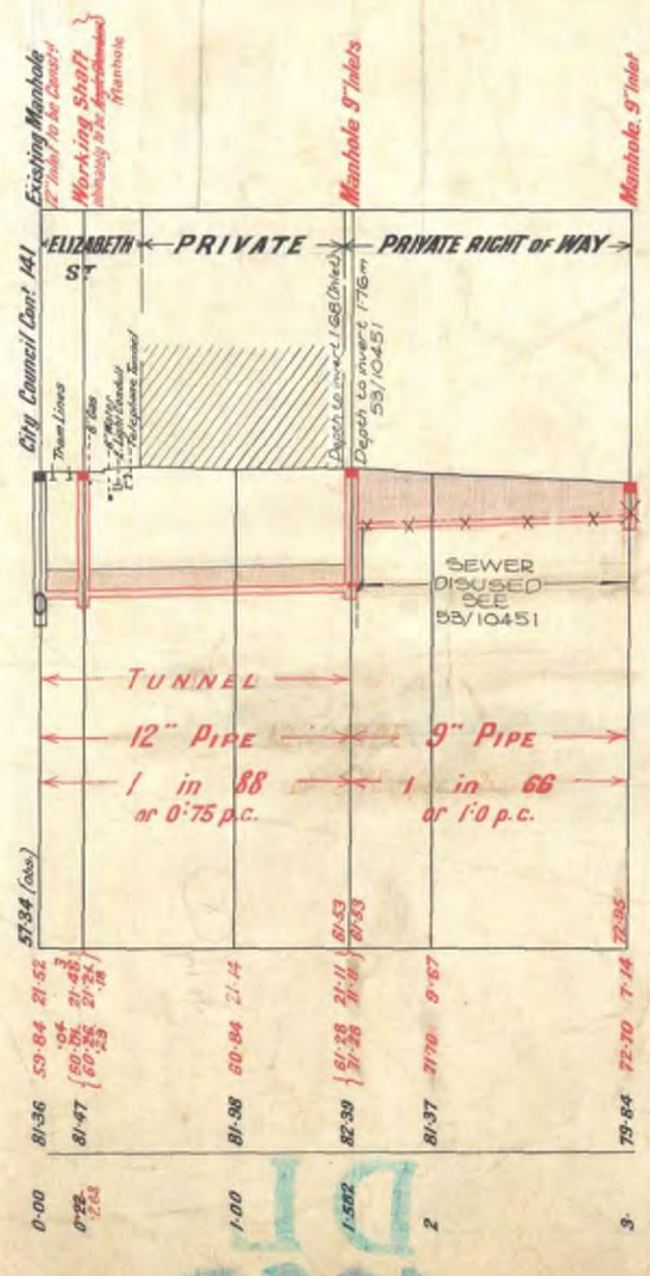
D. L. 1927
S/o 40512

WORK AS EXECUTED

K. J. McDonald 4/9/23
Draftsman

7





Level Book 985
Sheets 39.41
Papers 21/28424 21/64228
W.G. 78 & 77

A.H.S. 28/1/22

Exd. D.J. 9.8.22.

D.M.
6.2.
24.11.22

0090128

Created by cge on 6/02/2017

CONTRACT No. 32

~~DRAWING No. 1.~~

Cont No. 32
SHEET No. 1

SYDNEY SEWERAGE

NORTHERN DIVISION

From 4 Miles 63 chs 86.12 links to 5 Miles 33 chs 84.17 links

LONGITUDINAL SECTION

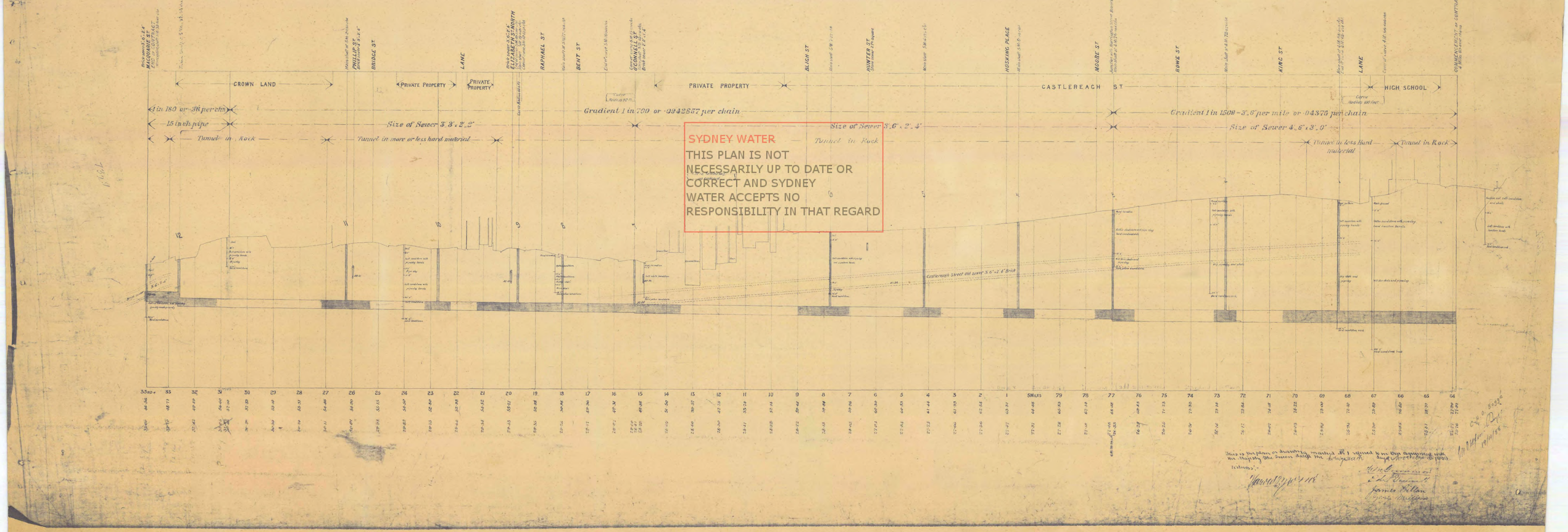
Scales

Vertical: 10 feet to an inch.
Horizontal: 1 chain to an inch.

Note as to approximate hard rock level as indicated on Section:-

On opening the Ground the actual hard rock level was found to be higher than indicated on Section as Tenderers can now see on the ground.

Portions tinted red on Section show the Work already executed.



SYDNEY WATER
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This is the plan or drawing marked No. 1 referred to in our agreement with Her Majesty the Queen dated the Twenty Sixth day of November 1899.

Witness:-

Harold Wyndham

Wm. Greenwood

John Dennett

James Gillan

George Millers

Created by cge on 6/02/2017

SYDNEY SEWERAGE

NORTHERN DIVISION

BRIDGE STREET BRANCH INTERCEPTING SEWER

CONTRACT No 32.

~~DRAWING No 1 A.~~

Cont No 32
SHEET No 1A

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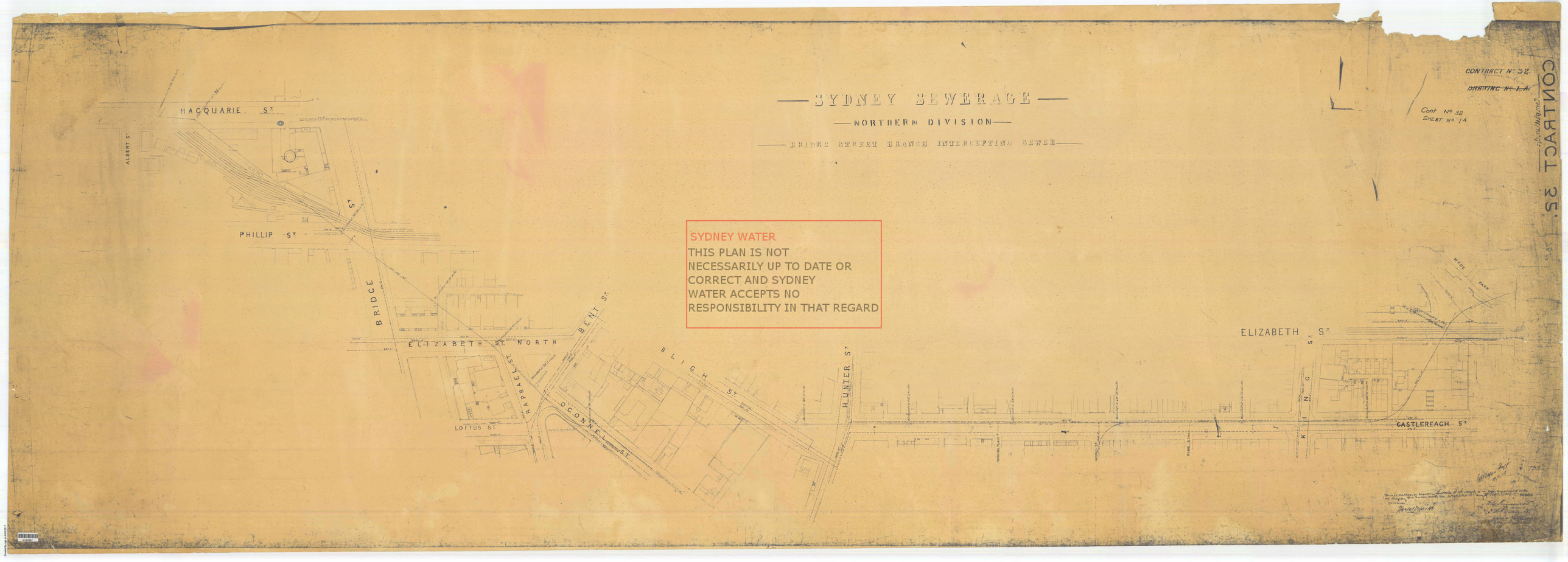

78

PITT STREET

O'CONNELL ST

BLIGH ST

CASTLEREAGH ST

ELIZABETH STREET

PHILLIP STREET

MACQUARIE ST

SYDNEY WATER
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HUNTER STREET

HORIZONTAL SCALE 40 FEET TO ONE INCH
VERTICAL " 20 " " "

LONGITUDINAL SECTION

Sydney 28 may 1870
E P Bell
City Engineer

Sheet T 42/45

84

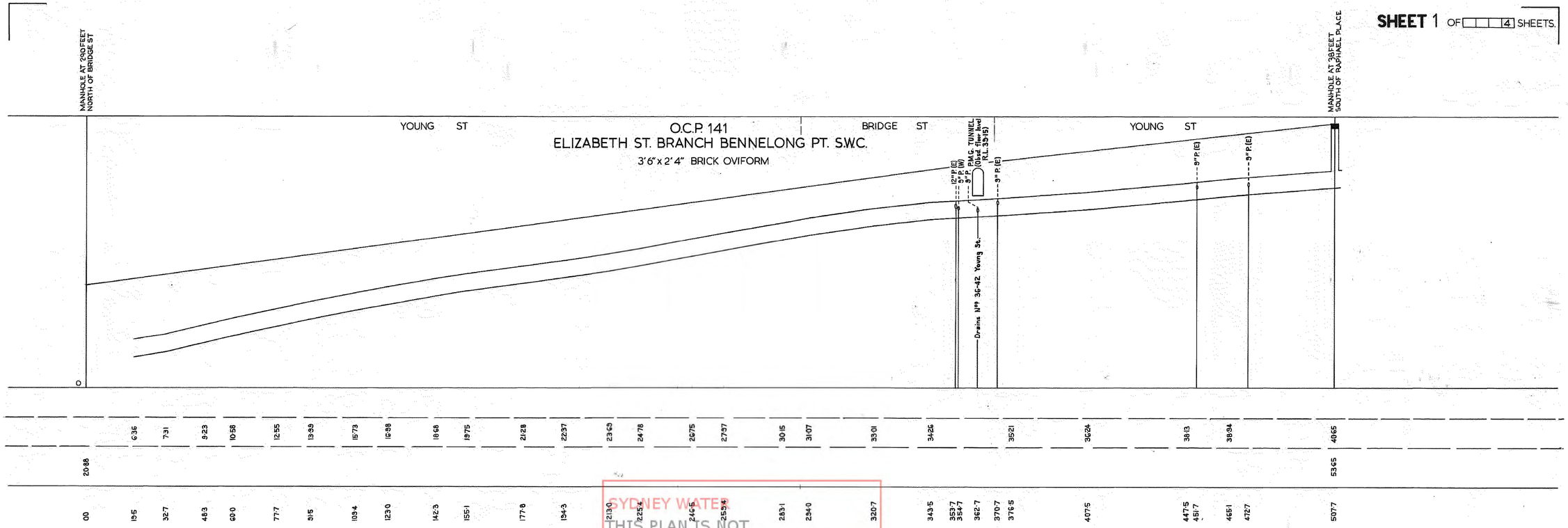
0088902

Created by cge on 6/02/2017

oct. 78

UNDERGROUND SURVEY
Pt. O.C.P. 141
SHEET 1

SHEET 1 OF 4 SHEETS.



SYDNEY WATER
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00938503

SURVEYOR : B.J.FRAWLEY & A.KEIGHRAN
DATES OF SURVEY :
14-7-70
ORIGINAL - CITY 2682

SCALES 20':1" HORIZONTAL
10':1" VERTICAL
STANDARD DATUM

Plotted.....
Checked.....

TITLE.....

O.....

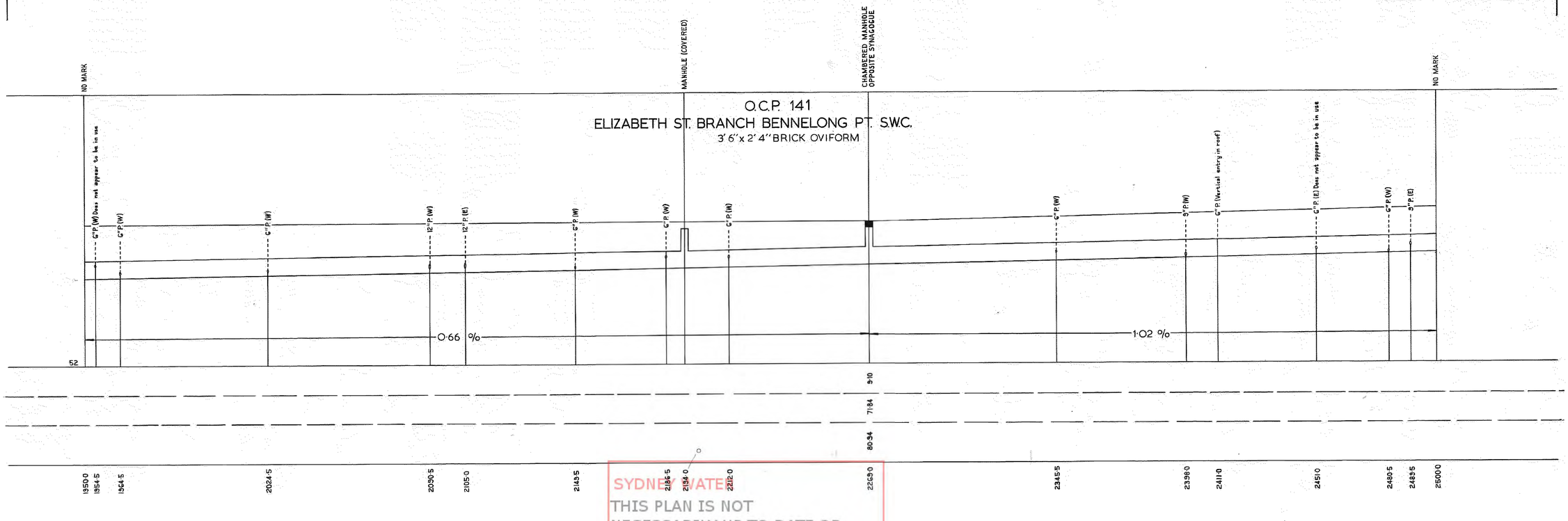
L S B

A1 7/45

Created by cge on 6/02/2017

UNDERGROUND SURVEY
Pt. O.C.P. 141
SHEET 4

SHEET 4 OF 4 SHEETS.



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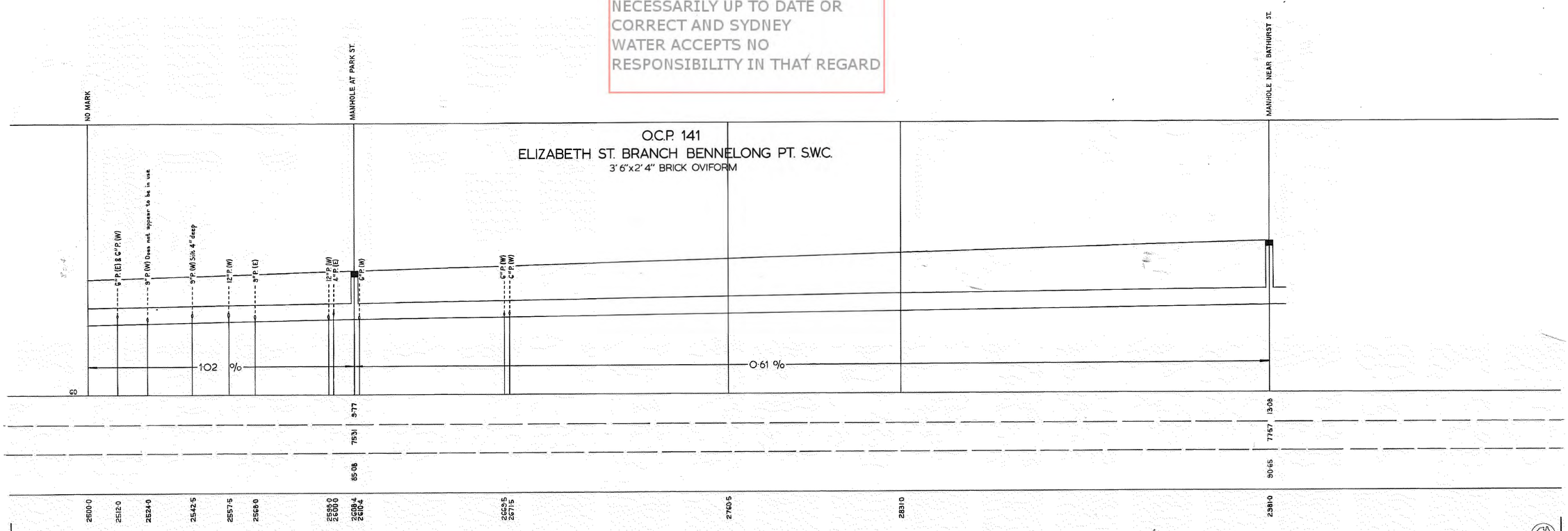
RESPONSIBILITY IN THAT REGARD



SURVEYOR : B. J. FRAWLEY
DATE OF SURVEY : 3-6-73
Pps. 49/10391
ORIGINAL - CITY 2682

SCALES 20' : 1" HORIZONTAL
10' : 1" VERTICAL
STANDARD DATUM

Plotted.....
Checked.....

TITLE.....

O.....

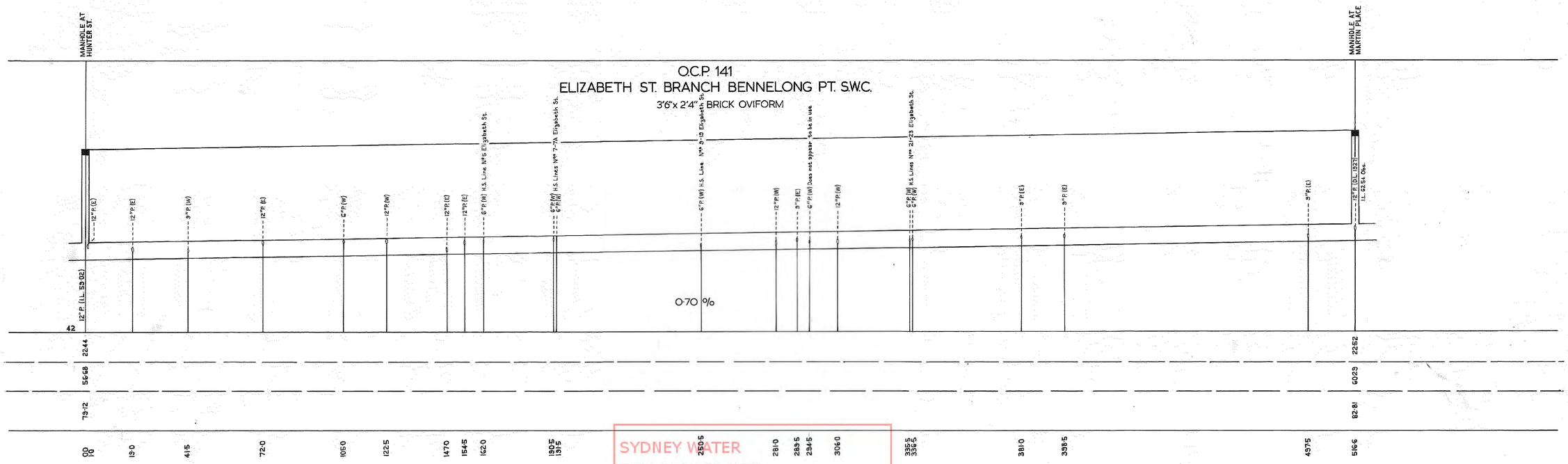
LSB

A1 7/45

00938500

Created by cgp on 6/02/2017

UNDERGROUND SURVEY
Pt. O.C.P. 141
SHEET 2



SYDNEY WATER
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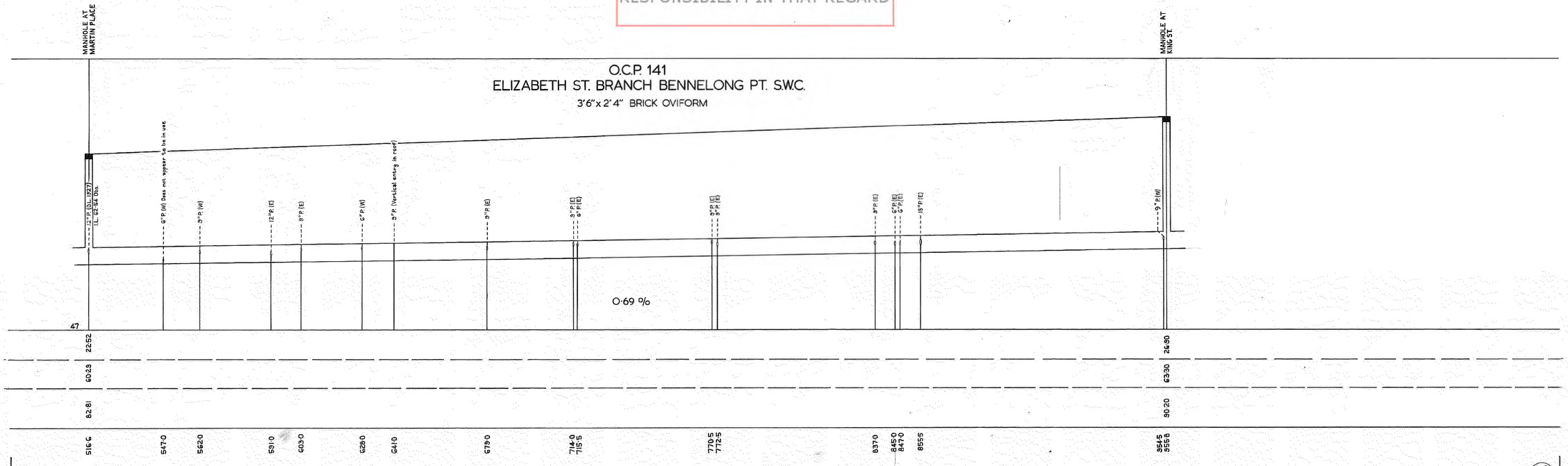


SURVEYOR : B.J. FRAWLEY
DATES OF SURVEY :
Hunter St. - Martin Pl. 26-11-72
South Of Martin Pl. 3-6-73
ORIGINAL - CITY 2682

SCALES 20':1" HORIZONTAL
10':1" VERTICAL
STANDARD DATUM

Plotted.....
Checked.....

TITLE.....

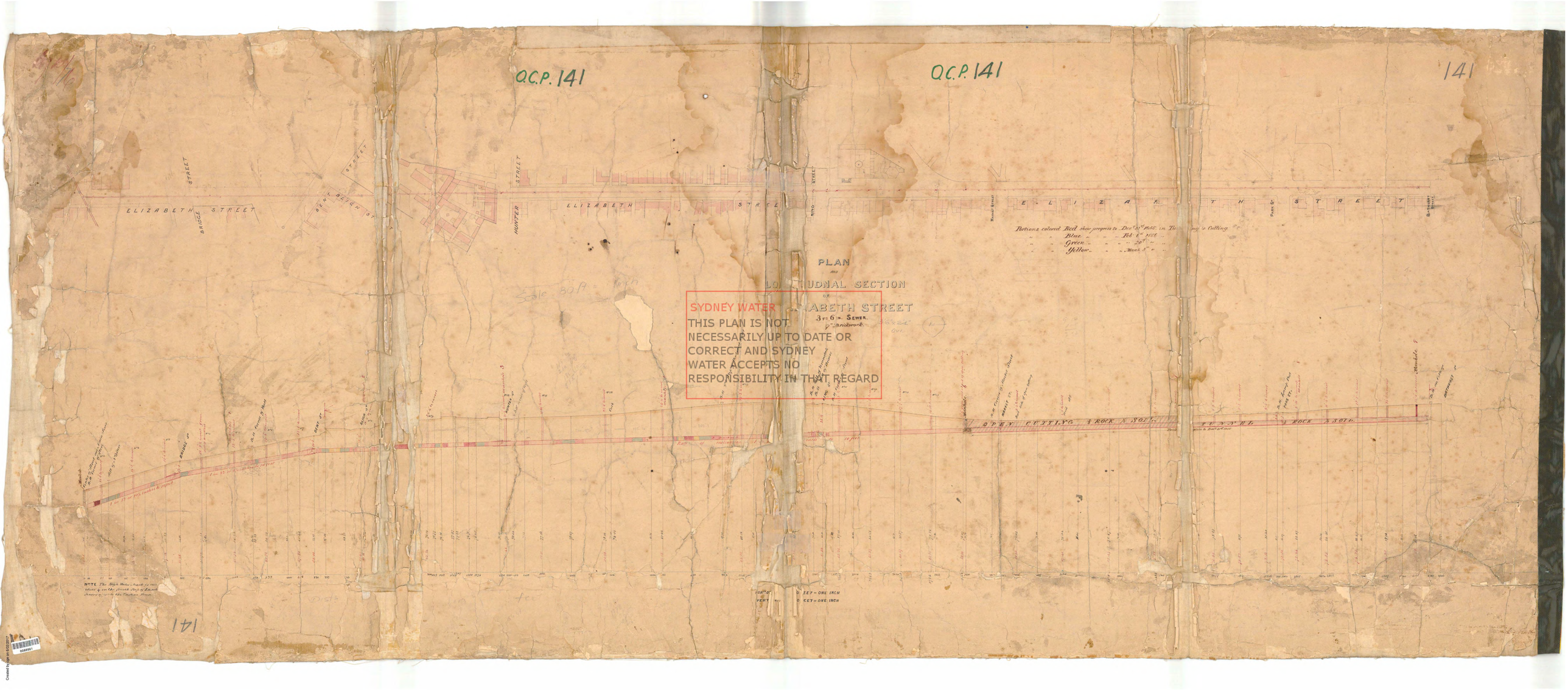
O.....

L.S.B.

A1 7/45

00938502

Created by qge on 6/02/2017



SYDNEY WATER
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Created by Sigma on 6/02/2017

142

142

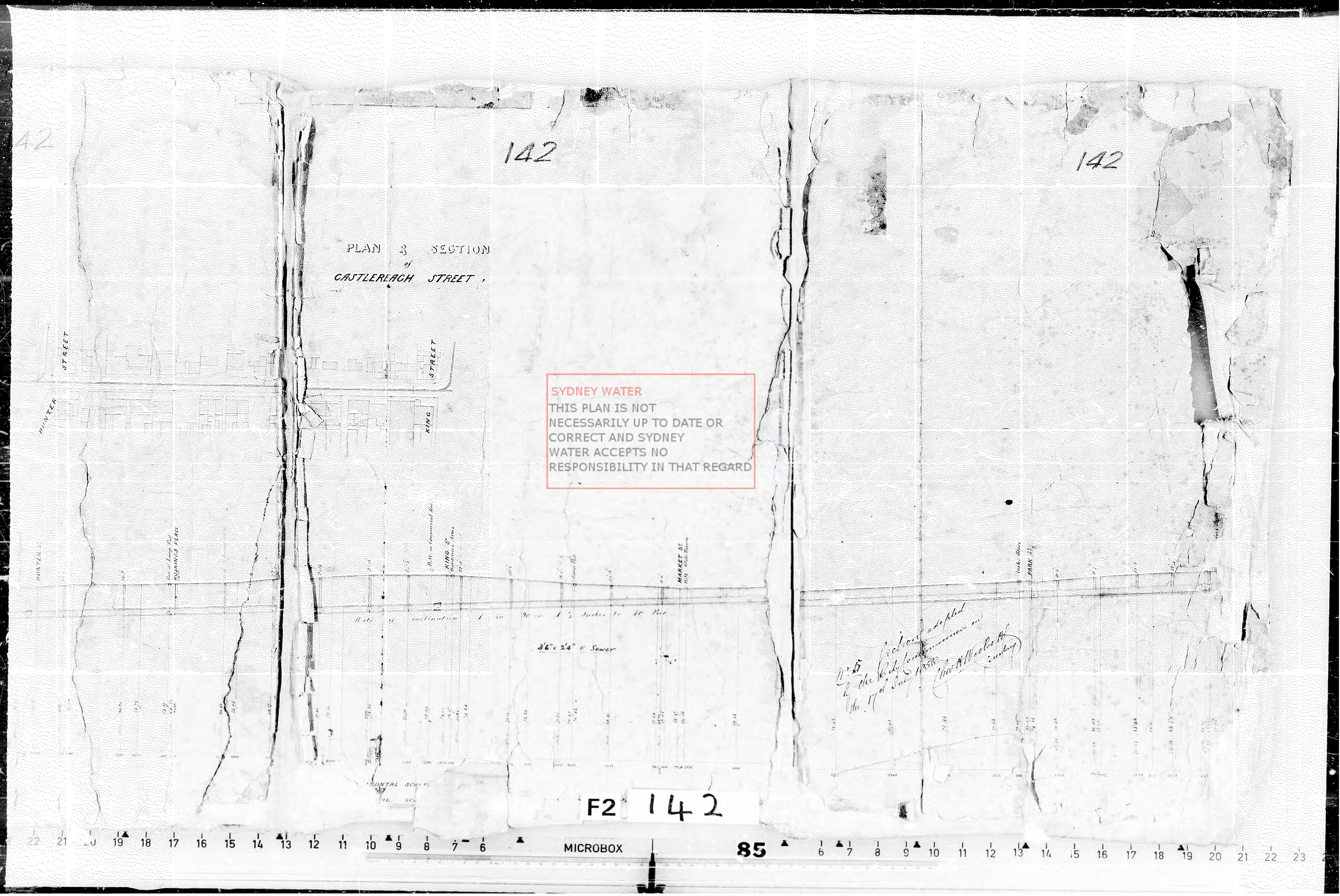
PLAN & SECTION
of
CASTLEREAGH STREET,

SYDNEY WATER
THIS PLAN IS NOT
NECESSARILY UP TO DATE OR
CORRECT AND SYDNEY
WATER ACCEPTS NO
RESPONSIBILITY IN THAT REGARD

142

F1 142

MICROBOX 85



SYDNEY WATER
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RESPONSIBILITY IN THAT REGARD

Created by cge on 6/02/2017

A2
420 mm x 594 mm

FOR DETAILS OF ELECTRIC CABLES REFER TO SERVICES SEARCH PLANS

W.O. 93295
FILE 18 / 10310

WORK AS EXECUTED
SOUTHERN DISTRICT
COMPLETED 4-8-76 ENGINEER E. BARINA
CONTRACTOR Dev Laderos OVERSEER C. SAWICKI
CONTRACT
GAZETTED
DISTRICT ENGINEER

PIPE SCHEDULE

SIZE MM	TYPE	LENGTH	CLASS	PROTECTION
250	CICL	~~23~~ 30	B	Tarcoat (2 coats)
150	CICL	~~9~~ 10	B	(See note 6)

WORK SCHEDULE

1. MAIN ~~TO BE~~ LAID GENERALLY AS ~~PL EXCEPT WHERE OTHERWISE~~ INDICATED.
2. MAIN ~~TO BE~~ LAID AT STANDARD DEPTH ~~BELOW EXCEPT WHERE OTHERWISE INDICATED~~.
3. BENDS ~~TO BE~~ PROVIDED AS REQUIRED ~~OR AS SPECIFICALLY INDICATED~~.
4. ALL BENDS, TEES, END CAPS, S.V.s. AND TAPERS ~~TO BE~~ ANCHORED AS DIRECTED BY DISTRICT ENGINEER.
5. MAXIMUM HEAD FOR DESIGN OF ANCHOR BLOCKS IS 76 m.
6. TRENCH ~~TO BE~~ BACKFILLED WITH SAND FOR ENTIRE LENGTH & DEPTH.
7. BEFORE COMMENCEMENT OF EXCAVATION, REFER TO ELECTRICAL BRANCH MINUTE DATED 17-10-74 IN RELATION TO SUB-STATION EARTHING AND PRECAUTIONS THAT MAY BE NECESSARY.
8. DISCONNECTED ~~TO~~ 36m OF 250mm, 6m OF 150mm AND 8m OF 100mm MAIN, RECOVERED SURFACE FITTINGS AND TRANSFERRED SERVICES.

NOTE:- STAGE 2 MAINLAYING ~~TO BE~~ CARRIED OUT FOLLOWING SAND BACKFILLING OF TUNNEL.

RECORD OF ELECTRIC CABLES
AS AT 13-6-75 (SITE CHECK NECESSARY)
ELECTRIC CABLES IN HUNTER, ELIZABETH AND CASTLEREAGH STREETS SHOWN THUS
OTHER UNDERGROUND SERVICES AS AT 13-6-75
SHOWN THUS
PM G ——— Sewer ———
Gas ——— HPC ———
NO RECORD OF PERMANENT MARKS AS AT 7-4-75

REFERENCES
S.M.A. CONNECTION PLAN DATED — SURVEY PLAN RL 4846
DIRECTORY 1982/1756 | W.M.S. 15C | R.L. 84.89.90 | S.P.A. AS AT 14 10 74

METROPOLITAN WATER, SEWERAGE & DRAINAGE BOARD
SYDNEY N.S.W.
Watermain Adjustment Hunter Street
SYDNEY

S.F. 1:250		J.V.S. 13-1-75	A/SUPERVISOR
BASE WJW 26/9/74			SENIOR DRAFTSMAN
INSPN JVS 13/6/75			
DESIGN WJW 9/12/74			SUPERVISING DRAFTSMAN
FINAL WJW 3/1/75		FILE 18 / 10310	
CHECKED JIG 10/1/75			
PLAN No 15930	SHEET OF SHEETS	W.O. 93295	

A/ WATERMAINS ENGINEER
PLAN ISSUED 15 / 6 / 75

WORK AS EXECUTED
TO BE RETURNED ON COMPLETION OF WORK
OCG | WAE / DB | COMDAT | BARCRO NEG. | CHARTED BY | CHECKED | MICRO-FILMED | FILMED

FOR DISTRICT ENGINEER

M.W.S.&D. BOARD 26 JUN 1975 SOUTHERN DISTRICT MALABAR

MICRO-FILMED

SYDNEY WATER
THIS PLAN IS NOT NECESSARILY UP TO DATE OR CORRECT AND SYDNEY WATER ACCEPTS NO RESPONSIBILITY IN THAT REGARD.

Stage 1
~~Laid~~ 150mm main

Stage 1
~~Disconnect~~ 150mm main

Stage 1
Transfer 150mm service to new 150mm main

Stage 2
~~Reconnect 150mm service to 250mm main~~

Stage 2
~~Laid~~ Lay 250mm main in footway generally as indicated

~~PL to be determined by Survey for W.A.E. purposes~~

Main ~~to be~~ supported by Dept. of Housing and Construction.

Temporary cap (Stage 1)

250 x 150mm tee & ~~Temporary cap (Stage 1)~~

~~250~~ 150 x 150 mm tee & SV ~~(Stage 2)~~

Stage 1
~~Disconnected~~
~~Disconnect~~ 100mm main
Recovered
~~Recover~~ Deacon Meter

Stage 1
Disconnect 250mm main

Stage 1
Transfer
~~Transfer~~ service clear of tunnel

HUNTER ST
BLIGH ST
CASTLEREAGH ST
ELIZABETH ST
CHIFLEY SQUARE
EXISTING TUNNEL
TUNNELLED
PROPD
CABLE
K&G
SCC Sub-Stn No 351

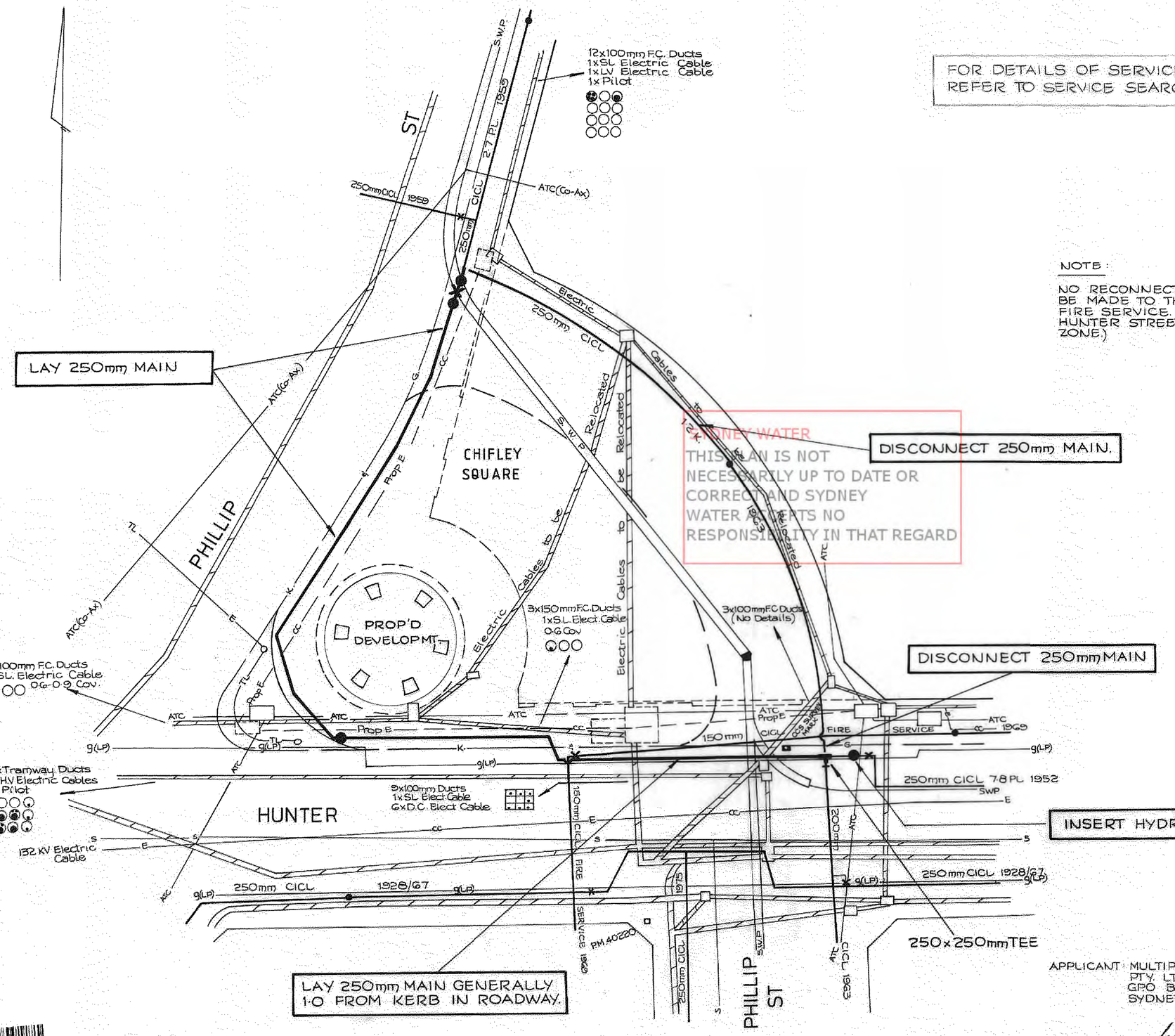
Created by cge on 6/02/2017
0178071

A2

CONTRACT PLAN
CAPITAL WORKS PROGRAMME
1991/92

PROGRAMME ITEM No D 031

FOR DETAILS OF SERVICES
REFER TO SERVICE SEARCH PLANS



NOTE:

NO RECONNECTION SHOULD BE MADE TO THE 150mm CICL FIRE SERVICE MAIN IN HUNTER STREET. (GRAVITATION ZONE.)

SYDNEY WATER
THIS PLAN IS NOT NECESSARILY UP TO DATE OR CORRECT AND SYDNEY WATER ACCEPTS NO RESPONSIBILITY IN THAT REGARD

APPLICANT: MULTIPLEX CONSTRUCTIONS PTY. LTD. GPO BOX 172 SYDNEY 2001

LENGTHS ARE IN METRES UNLESS OTHERWISE INDICATED

PRODUCTION UNIT MGR. (CITY)

SOUTHERN AREA **W.N. 103522**

PIPE SCHEDULE

SIZE mm	TYPE	CLASS	LENGTH	PROTECTION
250	DICL	SWB	95.0	POLYETHYLENE SLEEVING
				& TRENCH BACKFILLING
				AS PER WBS / 1661

MAXIMUM HEAD ...122...

WORK SCHEDULE

1. MAIN TO BE LAID GENERALLY 1.0 METRES BEHIND THE FACE OF KERB AT STANDARD DEPTH BELOW PROPOSED FINISHED SURFACE LEVELS EXCEPT WHERE OTHERWISE INDICATED
2. PLASTIC INSULATING BUSHES ARE TO BE INSERTED IN THE HOUSE SERVICE PIPES AT LOCATIONS ADJACENT TO THE MAIN TAP.
3. ALL BENDS, TEES, END CAPS, S.V.'s & TAPERS TO BE ANCHORED AS DIRECTED BY DISTRICT ENGINEER.
4. DISCONNECT 56 METRES OF 250mm CI. MAIN. RECOVER SURFACE FITTINGS & TRANSFER SERVICES.
5. PRIOR TO COMMENCEMENT OF EXCAVATION:-
   (a) PRECAUTIONS MAY BE NECESSARY IN THE VICINITY OF SUB-STATION EARTHING.
   (b) IN THE VICINITY OF UNDERGROUND ELECTRIC CABLES & PROPOSED LOCATIONS CONTACT SYDNEY ELECTRICITY PH. 6639415
   (c) IN THE VICINITY OF UNDERGROUND TRUNK CABLES, CONTACT TELECOM CABLE PROTECTION DIVISION (PH. 71300071) RE PRECAUTIONS THAT MAY BE NECESSARY.
6. TRAMWAY ELECTRIC DUCTS MAY EXIST IN THIS AREA.
7. AREA COVERED BY A TREE PRESERVATION ORDER.
8. HYDRAULIC LIFT MAINS MAY EXIST IN THIS AREA.
9. SCREW DOWN HYDRANTS TO BE USED IN FOOTWAY.

RECORD OF ~~OIL &~~ GAS PIPELINES

AS AT ..25/6/91... (SITE CHECK NECESSARY)

LOW PRESSURE GAS MAINS SHOWN THUS g(LP) —— g(LP)

RECORD OF ELECTRIC CABLES

AS AT ..25/6/91... (SITE CHECK NECESSARY)

SYDNEY ELECTRICITY CABLES ARE LOCATED IN ALL STREETS (SEE NOTE 5b)
TRAFFIC LIGHTS SHOWN THUS TL —— E
PROP'D ELECT. CABLES SHOWN PROP E —— CC
SYDNEY ELECT. CABLES SHOWN

OTHER UNDERGROUND SERVICES AT AT ..25/6/91...

SHOWN THUS

SEWER SHOWN THUS S —— S
ATC SHOWN THUS ATC —— ATC
ATC(CO-AXIAL) SHOWN THUS: ATC(Co-Ax) —— ATC(Co-Ax) (SEE NOTE 5b)
STORMWATER SHOWN THUS SWP —— SWP
RECORD OF PERMANENT MARKS 8/6/89

D.M.R. / COUNCIL PLAN DATED / /		SURVEY PLAN
U.B. DIRECTORY	W.M. SHEET	W.S.O. SHEET
1, KG	1845-13-22	101

WATER BOARD
SYDNEY - ILLAWARRA - BLUE MOUNTAINS

WATERMAIN ADJUSTMENT
CHIFLEY SQUARE FORECOURT
PHILLIP & HUNTER STS.
SYDNEY

SCALE: R.F. 1:250	PRODUCTION AREA MGR. 18.7.91
INSPECTION 19-6-91	ISSUED 27/9/91
DESIGN W.C. CHECKED GD	W. Cleaver
FINAL W.C. CHECKED G.D.	TARGET COMPLETION DATE
PLAN No. 100589	SHEET 1 OF 1 SHEETS
	FILE 189624 FO

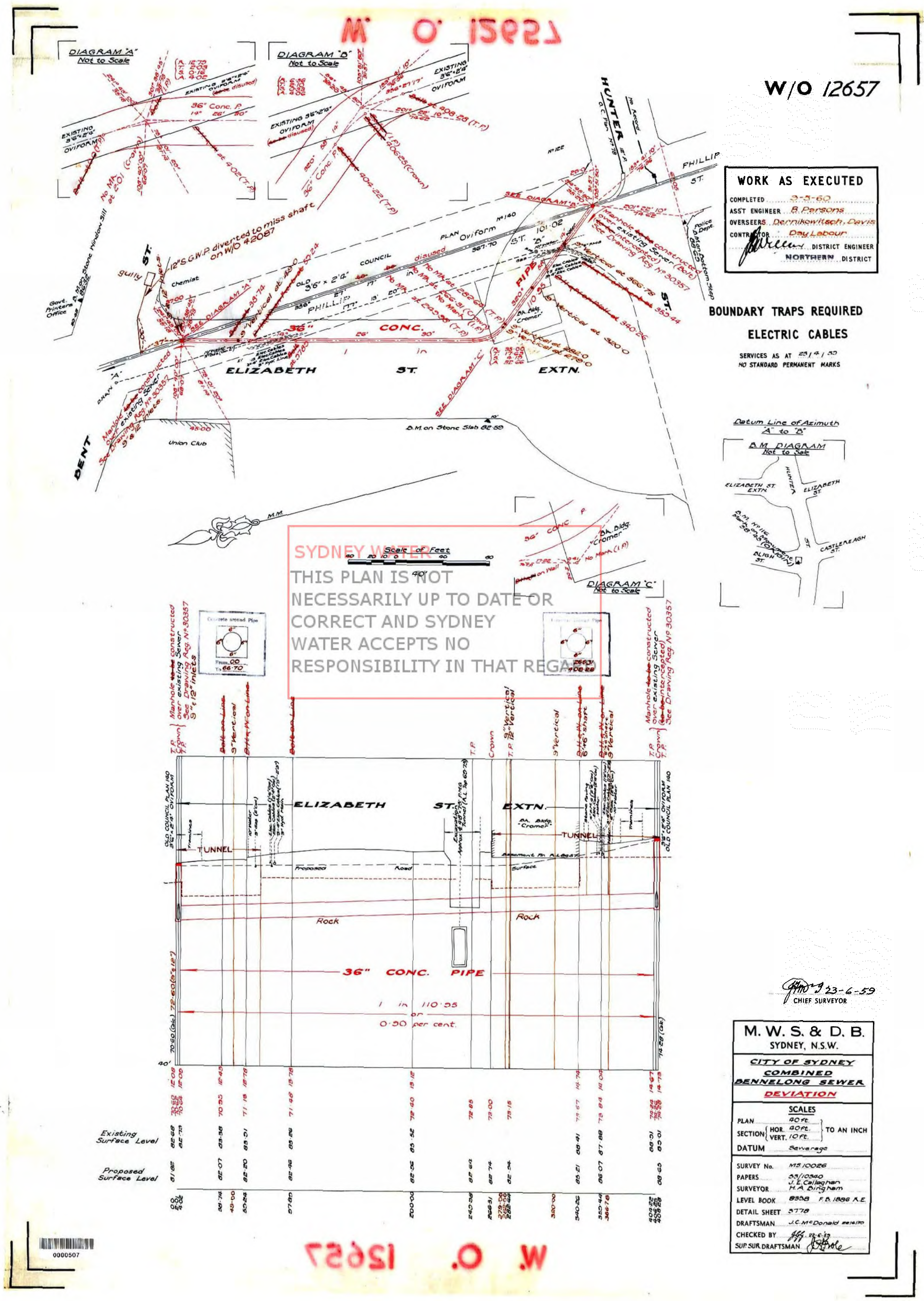
PN 100589

PN 100589

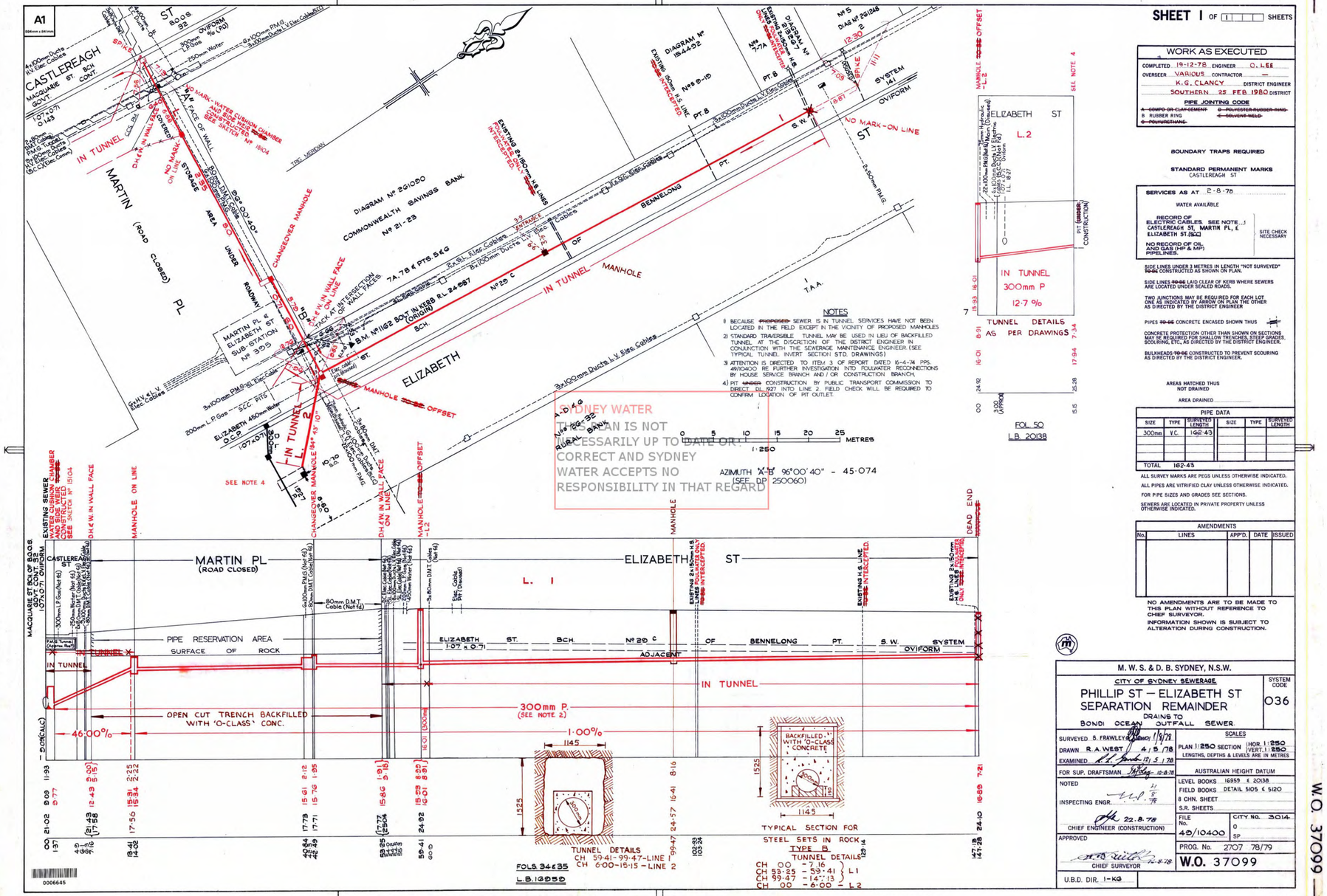
00938322

Created by cge on 6/02/2017

12657



Created by cge on 6/02/2017



Created by cgo on 6/02/2017

W.O. 37099

Telstra

DUTY OF CARE

TELSTRA CORPORATON ACN 051 775 556

IMPORTANT:

When working in the vicinity of telecommunications plant you have a "Duty of Care" that must be observed. Please read and understand all the information and disclaimers provided below.

Telstra network is complex and requires expert knowledge to interpret information, to identify and locate components, to pothole underground assets for validation and to safely work around assets without causing damage. If you are not an expert and/or qualified in these areas then you should not be attempting these activities. Telstra will seek compensation for damages caused to its property and losses caused to Telstra and its customers.

The 4 essential steps that must be undertaken to prevent damage to Telstra assets are listed below. Construction activities must not commence without first undertaking these steps.

(The following pages contain more detail on each step below and the contact details to seek further advice. AS5488-2013 is the Australian Standard for the Classification of Subsurface Utility Information.)

1 Dial Before You Dig -Telstra Plans :

- *The essential **first** step in preventing damage*.

You must have current Telstra plans via the DBYD process. Telstra advises that the accuracy of the information provided by Telstra conforms to Quality Level D as defined in AS5488-2013. This means the information is indicative only, not a precise location. **The actual location may differ substantially from that shown on the plans** - refer to steps 2 & 3 to determine actual location prior to commencing construction.

2 Telstra Accredited Plant Locator :

- *The essential **second** step in preventing damage.*

To be able to trace and identify individual subsurface cables and ducts requires access to Telstra pits and manholes. Only a Telstra Accredited Plant Locator (TAPL) is authorised to access Telstra network for locating purposes. A TAPL can interpret plans, validate visible assets and access pits and manholes to undertake electronic detection of underground assets prior to further validation. All Telstra assets must be located, validated and protected prior to commencing construction. If you are not authorised to do so by Telstra, you should not be accessing Telstra network or locating Telstra network.

3 Validation :

- *The essential **third** step in preventing damage.*

All Telstra assets must be positively identified (i.e. validated), by physically sighting them. For underground assets this can be done by potholing by hand or using non-destructive vacuum extraction methods (Refer to 'validation' as defined in AS5488-2013 QL-A). **Underground assets located by electronic detection alone (step 2), are not deemed to be 'validated' and should not be used for construction purposes.** Some TAPL's can assist with non-destructive potholing for validation purposes. **If you cannot validate the Telstra network you should not proceed with construction**. Telstra will seek compensation for damages caused to its property and losses caused to Telstra and its customers.

4 Protection :

- *The essential **fourth** step in preventing damage.*

Telstra assets must be protected to avoid damage from construction activities. Minimum working distances around Telstra network must be maintained. These distances are provided in this document. Telstra can also provide advice and assistance in regards to protection – refer to the following pages.

STEP 1 – Dial Before You Dig -Telstra Plans:

The actual location of Telstra assets may differ substantially from that shown on the plans. Telstra does not warrant or hold out that its plans are accurate and accepts no responsibility for the accuracy shown on the plans. Steps 2 and 3 must be undertaken to determine actual location of network.

- Telstra DBYD plans are not suitable for displaying Telstra network within a Telstra exchange site. For advice on Telstra network within a Telstra exchange site contact Telstra Plan Services.
- Telstra owns and retains the copyright in all plans and details provided in conjunction with the applicant's request. The applicant is authorised to use the plans and details only for the purpose indicated in the applicant's request. The applicant must not use the plans or details for any other purpose.
- Telstra plans or other details are provided only for the use of the applicant, its servants, agents or Telstra Accredited Plant Locators. The applicant may not give the plans or details to any parties other than these, and may not generate profit from commercialising the plans or details.
- Please contact Telstra Plan Services immediately should you locate Telstra assets not indicated on these plans.
- Telstra, its servants or agents shall not be liable for any loss or damage caused or occasioned by the use of plans and or details so supplied to the applicant, its servants and agents, and the applicant agrees to indemnify Telstra against any claim or demand for any such loss or damage.
- Please ensure Telstra plans and information provided remains on-site at all times throughout the inspection, location and construction phase of any works.
- Telstra plans are valid for 60 days after issue and should be replaced if required after the 60 days.

- **Emergency situations - receiving Telstra plans** Telstra's automated mapping system (TAMS) will provide a fast response for emergency situations (faster than an operator can provide manually via a phone call - see below for fast response requirements). Automated responses are normally available 24/7.

  To receive a fast automated response from Telstra your request must **-**

  - Be a web request lodged at DBYD (**www.1100.com.au**). The request will be then forwarded to Telstra.
  - Contain your current email address so you can receive the automated email response.
  - Be for the purposes of 'mechanical excavation' or other ground breaking DBYD activity. (Requests with activity types such as conveyancing, planning & design or other non-digging activities may not be responded to until the next business day).
  - Be for an area less than 350 metres in size to obtain a PDF map (over 350 metres will default to DWF due to size) this does not include congested CBD areas where only DWF may be supplied.
  - Be for an area less than 2500 metres in size to obtain a DWF map (CBD's less)

- **Data Extraction Fees.** In some instances a data extraction fee may be applicable for the supply of Telstra information. Typically a data extraction fee may apply to large projects or requests to be supplied in non-standard formats. For further details contact Telstra Plan Services.

- **Electronic plans - PDF and DWF maps** If you have received Telstra maps via email you will have received the maps as either a PDF file (for smaller areas) or DWF file (for larger area requests). All requests over approximately *350m or in congested CBD areas can only be supplied in DWF format. There are size limits on what can be provided. (* actual size depends on geographic location of requested area). If you are unable to launch any one of the softcopy files for viewing and printing, you may need to download and install one or more of the free viewing and printing products such as Adobe Acrobat Reader (for PDF files) or Autodesk Design Review (for DWF files) available from the internet

  - **Pdf files -** PDF is the default softcopy format for all requests for areas up to approx *350m in length. (*depends on geographic location of request). The PDF file is nominally formatted to A3 portrait sheet however it can be printed on any size sheet that your printer supports, e.g. either as the full sheet or selected areas to suit needs and legibility. (to print a selected area zoom up and print 'current view') If there are multiple layers of Telstra network you may receive up to 2 sheets in the single PDF file attachment supplied. There are three types or layers of network normally recorded - local network, mains cables or a combined layer of local and mains (usually displayed for rural or semi-rural areas). If mains cable network is present in addition to local cables (i.e. as separate layer in a particular area), the mains will be shown on a separate sheet. The mains cable information should be read in conjunction with the local cable information.

  - **DWF files** – DWF is the default softcopy format for all requests for areas that are over 350m in length. Maximum length for a DWF automated response is approx 2500m - depending on geographic

location of request (manually-processed plans may provide larger coverage). The DWF files differ from PDF in that DWF are vector files made up of layers that can be turned on or off and are not formatted to a specific sheet size. This makes them ideal for larger areas and for transmitting electronically.

- ***How to view Telstra DWF files –***
  Telstra DWF files come with all layers turned on. You may need to turn individual layers on or off for viewing and printing clarity. Individual layer names are CC (main cable/conduit), DA (distribution area network) and sometimes a combined layer - CAC. Layer details can be viewed by either picking off the side menu or by selecting 'window' then 'layers' off the top menu bar. Use 'layers' to turn individual layers off or on (double click or right click on layer icon).
- ***How to print Telstra DWF files –***
  DWF files can be printed on any size sheet – either their entirety or by selected areas of interest. Some DWF coverage areas are large and are not suited to printing legibly on a single A4 sheet - you may need several prints if you only have an A4 printer. Alternatively, an A3, A1 or larger printer could be used. To print, zoom in or out and then, by changing the 'print range' settings, you can print what is displayed on your screen to suit your paper size. If you only have a small printer, e.g. A4, you may need to zoom until the text is legible for printing (which is why you may need several prints). To print what is displayed on your screen the 'view' setting should be changed from 'full page' to 'current view'. The 'current sheet' setting should also be selected. You may need to print layers separately for clarity and legibility. (Details above on how to turn layers on or off)
- ***How to change the background colour from white to black (when viewing) Telstra DWF files –***
  If using Autodesk Design Review the background colour can be changed by selecting 'Tools' then 'options' then 'sheet'. Tick the box 'override published paper colours' and select the colour required using the tab provided.

STEP 2 - Telstra Accredited Plant Locator (TAPL):

Utilising a TAPL is an essential part of the process to identify network and to trace subsurface network prior to validating. A TAPL can provide plan interpretation, identification and electronic detection. This will assist in determining the position of subsurface assets prior to potholing (validating). Some TAPL's can also assist in validating underground detected network. Electronic detection is only an indication of the existence of underground network and can be subject to interference from other services and local conditions. Electronic detection should not be used solely to determine location for construction purposes. The electronic (indicative) subsurface measurements must be proven by physically sighting the asset (see step 3 - Validation).

- All TAPL's locating Telstra network must be able to produce a current photo ID card issued by Telstra. A list of TAPL's is provided with the Telstra Dial Before You Dig plans.
- Telstra does not permit external parties (non-Telstra) to access or conduct work on our network. Only Telstra staff, Telstra contractors or locators whom are correctly accredited are authorised to work on or access our manholes, pits, ducts, cables etc. This is for safety as well as for legal reasons.

  It is a criminal offence under the *Criminal Code Act 1995* (Cth) to tamper or interfere with communication facilities owned by a carrier. Heavy penalties may apply for breach of this prohibition, and any damages suffered, or costs incurred by Telstra as a result of any such unauthorised works may be claimed against you.

- Optic fibre cable locations must be performed by a locator with Telstra optic fibre cable location accreditation. The locators with optic fibre cable location accreditation are indicated by a 'yes' in the column headed 'Fibre' in the lists of locators that are published with the Telstra DBYD plans. Telstra Accredited Plant Locators that are DBYD Certified Locators are also fibre accredited. Inspection of photo ID cards will confirm whether locators are just copper accredited or copper + fibre accredited.
- The details of any contract, agreement or retainer for site assistance to locate telecommunications plant shall be for you to decide and agree with the Telstra Accredited Plant Locator engaged. Telstra is not a party to any contract entered into between you and a Telstra Accredited Plant Locator.
- Payment for the site assistance will be your responsibility and payment details should be agreed before the engagement is confirmed.

- Telstra does not accept any liability or responsibility for the performance of or advice given by a Telstra Accredited Plant Locator. Accreditation is an initiative taken by Telstra towards the establishment and maintenance of competency standards. However, performance and the advice given will always depend on the nature of the individual engagement.
- Neither the Telstra Accredited Plant Locator nor any of its employees are an employee or agent for Telstra. Telstra is not liable for any damage or loss caused by the Telstra Accredited Plant Locator or its employees.

- **Electronically derived subsurface measurements (e.g. depths/alignments by locating devices)**

  All locator provided measurements for Telstra assets must have the AS5488-2013 quality level specified - (e.g. QL-A, B, C or D). These quality levels define the accuracy of subsurface information and are critical for determining how the information is later used – for example if suitable for excavation purposes.

  1) ***An example of a subsurface measurement with no quality level specified – (i.e. not to be used)***

     Telstra cover - **0.9m**

     *The measurement above has no AS5488-2013 quality level specified and **should not** be provided by a locator or used for design or construction. This is because it is not known whether the measurement is actual or derived (where 'actual' means validated and 'derived' means assumed and not validated, e.g. electronic or other). Typically damages occur by constructors incorrectly using unvalidated measurements as actual measurements.*

  2) ***An example of a subsurface measurement with quality level B specified –***

     Telstra cover - **0.9m** (QL-B)

     Where (QL-B) complies with AS5488-2013 QL-B (for example an electronic location that complies with QL-B)

     (Note QL-B means it has not been validated and should not be used for construction purposes around Telstra network, however it would assist further investigation to determine the actual location)

  3) ***An example of a subsurface measurement with the quality level A specified –***

     Telstra cover - **0.6m** (QL-A)

     Where (QL-A) complies with AS5488-2013 QL-A (and is deemed suitable for excavation purposes). *In this example the asset has been electronically located first, (QL-B) and then physically exposed (QL-A).*

     Note -Telstra will seek compensation for damages caused to it its property and losses caused to Telstra and its customers if unvalidated subsurface measurements are used for construction and subsequently result in damage to Telstra assets. Only measurements conforming to AS5488-2013 (QL-A) are deemed by Telstra to be validated measurements.

- **Rural landowners** Where Telstra-owned cable crosses agricultural land, Telstra may provide on-site assistance with cable location. **You must contact Telstra Plan Services to determine eligibility and to request the service**.

  Please note the following –

  - If eligible, the location assistance must be approved and organised by Telstra. Telstra will not pay for a location that has not been approved and facilitated by Telstra (Telstra is not responsible for payment assistance when a customer engages a locator directly).
  - The exact location, including depth of cables**,** must be validated by potholing, which may not be covered by this service.
  - This service is nominally only available to assist private rural land owners.
  - This service nominally covers one hour on-site only. Any time required in addition to Telstra-funded time can be purchased directly from the assigned Telstra Accredited Plant Locator.
  - This service does not apply to previously located network at the same location (i.e. it is a once off).
  - This service does not apply to other carriers' cables (marked as 'OC' on Telstra plans).

STEP 3 – *Validation:

After utilising a Telstra Accredited Plant Locator and prior to commencing construction, any electronically detected underground network must be positively identified (validated) by physically sighting it. This can be done by careful hand digging or using non-destructive water jet methods to expose the network.

*Validation as defined in AS5488-2013 (QL-A).

Manual potholing needs to be undertaken with extreme care and by employing techniques least likely to damage cables. For example, align shovel blades and trowels parallel to the cable rather than digging across the cable. Some Telstra Accredited Plant Locators are able to provide or assist with non-destructive potholing methods to enable validation of underground cables and ducts.

If you cannot validate the underground network then you should not proceed with construction. Telstra will seek compensation for damages caused to its property and losses caused to Telstra and its customers.

Important note: *The construction of Telstra's network dates back over many years. Some of Telstra's pits and ducts were manufactured from asbestos-containing cement. You must take care in conducting any works in the vicinity of Telstra's pits and ducts. You must refrain from in any way disturbing or damaging Telstra's network infrastructure when conducting your works. We recommend that before you conduct any works in the vicinity of Telstra infrastructure that you ensure your processes and procedures eliminate any possibility of disturbing, damaging or interfering in any way with Telstra's infrastructure. Your processes and procedures should incorporate appropriate measures having regard to the nature of this risk. For further information -*

http://ucm.in.telstra.com.au/about/media/emergencies-incidents/asbestos/index.htm?ssSourceSiteId=consumer-advice

STEP 4 – Protection:

You must maintain the following minimum clearance distances between construction activity and the validated position of Telstra plant.

Jackhammers/Pneumatic Breakers	*Not within 1.0m of **actual validated location.***
Vibrating Plate or Wacker Packer Compactor	*Not within 0.5m of **actual validated location** of Telstra ducts.* *300mm compact clearance cover before compactor can be used across Telstra ducts.*
Boring Equipment (in-line, horizontal and vertical)	*Not within 2.0m of **actual validated location**.* *Constructor to hand dig or use non-destructive water jet method (pothole) and expose plant.*
Heavy Vehicle Traffic (over 3 tonnes)	*Not to be driven across Telstra ducts (or plant) with less than 600mm cover.* *Constructor to check actual depth via hand digging.*
Mechanical Excavators, Farm ploughing and Tree Removal	*Not within 1.0m of **actual validated location.*** *Constructor to hand dig or use non-destructive water jet method (pot-hole) and expose plant.*

- For blasting or controlled fire burning please contact Telstra Plan Services for advice.
- If conducting roadworks all existing Telstra pits and manholes should be a minimum of 1.2m in from the back of kerb after the completion of your work.
- All Telstra conduit should have the following minimum depth of cover after the completion of ground work:-
    - **Footway 450mm**

- **Roadway 450mm at drain invert and 600mm at road centre crown**

- For clearance distances relating to Telstra pillars, cabinets and RIMs/RCMs please contact Telstra Plan Services.

- If Telstra plant is situated wholly or partly where you plan to work (i.e. in conflict), then Telstra's Network Integrity Group must be contacted to discuss possible engineering solutions.
  Please phone **1800 810 443** or email NetworkIntegrity@team.telstra.com

- You are not permitted to relocate or alter or repair any Telstra assets or network under any circumstances.

  It is a criminal offence under the *Criminal Code Act 1995* (Cth) to tamper or interfere with communication facilities owned by a carrier. Heavy penalties may apply for breach of this prohibition, and any damages suffered, or costs incurred by Telstra as a result of any such unauthorised works may be claimed against you.

  Only Telstra and its contractors may access and conduct works on Telstra's network (including its plant and assets). This requirement is to ensure that Telstra can protect the integrity of its network, avoid disruption to services and ensure that the relocation meets Telstra's requirements.

- If Telstra relocation or protection works are part of the agreed solution, then payment to Telstra for the cost of this work shall be the responsibility of the principal developer, constructor or person for whom the work is performed. The principal developer or constructor will be required to provide Telstra with the details of their proposed work showing how Telstra's plant is to be accommodated and these details must be approved by the Regional Network Integrity Manager prior to the commencement of site works.
  Please phone 1800 810 443 or email NetworkIntegrity@team.telstra.com
  Further information -
  https://www.telstra.com.au/consumer-advice/digging-construction/relocating-network-assets

  Damage to Telstra's network must be reported immediately -
  https://service.telstra.com.au/customer/general/forms/report-damage-to-telstra-equipment

- You will be held responsible for all plant damage that occurs or any impacts to Telstra's network as a result of your construction activities. This includes interfering with plant, conducting unauthorised modification works and interfering with Telstra's assets in a way that prevents Telstra from accessing or using its assets in the future.

- Telstra reserves all rights to recover compensation for loss or damage to its cable network or other property including consequential losses.

FURTHER INFORMATION:

NATURAL DISASTERS

Natural Disasters include (amongst other things) earthquakes, cyclones, floods and tsunamis.
In the case of such events, urgent requests for plans or information relating to the location of Telstra network can be made directly to Telstra Network Integrity Team Managers as follows:

NSW – John McInerney 0419 485 795

QLD – Glenn Swift 0419 660 147

VIC/TAS - David Povazan 0417 300 947

SA/NT - Mick Weaver 0419 828 703

WA - Angus Beresford-Peirse 0419 123 589

TELSTRA PLAN SERVICES - for all Telstra Dial Before You Dig related enquiries

Email - **Telstra.Plans@team.telstra.com**

Phone - 1800 653 935 (general enquiries, business hours only)

*Telstra DBYD plan information -	Shalin	07 3455 2997
	Anthony	07 3455 2365
Advice on preventing damage -	Glen	07 3455 1011
	Lachlan	07 3455 3132
Accredited plant locator enquiries -	Mike	0477 377 036
	Taylor	0477 365 666
Road closures -	Megan	07 3455 0834
	Lachlan	07 3455 3132
Telstra easements -	Glen	07 3455 1011

**Please note - to make a Telstra plan enquiry the plans must be current (within 60 days of issue). If your plans have expired you will need to submit a new request via DBYD prior to contacting Telstra Plan Services.*

Information for new developments (developers, builders, home owners)
Telstra Smart Communities - https://www.telstra.com.au/smart-community

Asset relocations
Please phone 1800 810 443 or email NetworkIntegrity@team.telstra.com

https://www.telstra.com.au/consumer-advice/digging-construction/relocating-network-assets

Telstra offers free Cable Awareness Presentations, if you believe you or your company would benefit from this offer please contact Network Integrity on 1800 810 443 or NetworkIntegrity@team.telstra.com

PRIVACY NOTE

Your information has been provided to Telstra by DBYD to enable Telstra to respond to your DBYD request. Telstra keeps your information in accordance with its privacy statement entitled "Protecting Your Privacy" which can be obtained from Telstra either by calling 1800 039 059 or visiting our website at www.telstra.com.au/privacy

TELSTRA ACCREDITED PLANT LOCATORS – NEW SOUTH WALES. CENTRAL REGION

Region NSW Central

Telstra plans are intended to be indicative only. A plant location service (Telstra accredited) is required to identify the exact location of the plant and ensure that the asset is protected during construction work. It is your responsibility as part of your "Duty of Care" to engage an Accredited Plant Locator.

***Optic fibre cable locations** must be performed by a locator with Telstra optic fibre location accreditation.

Locators with Telstra optic fibre cable location accreditation are indicated by either a 'yes' in the 'Fibre' column or the DBYD Certified Locator Symbol.

Please contact a Telstra accredited locator from the pages following (fees apply).

Telstra Accredited Plant Locators – New South Wales. CENTRAL

NSW Central.

Company Name & service areas	*Fibre	Contact	
A1 Hydro Excavation Central West NSW	YES	02 6331 9588 0409 319 998 02 6331 0842 lbm2003@bigpond.net.au	Phone Mobile Fax Email Web
Abitek Pty Ltd	DIAL BEFORE YOU DIG CERTIFIED LOCATOR	02 4580 9883 0413 327 243 02 4580 9884 abitek@bigpond.com	Phone Mobile Fax Email Web
Action Locating Sydney, Newcastle, Wollongong	YES	02 9671 5600 0415 228 466 info@actionlocating.com.au	Phone Mobile Fax Email Web
Advanced Ground Locations Newcastle, Hunter Valley, Central Coast	DIAL BEFORE YOU DIG CERTIFIED LOCATOR	02 4930 3195 0412 497 488 02 4930 3222 steve_agl@hotmail.com www.advancedgroundlocations.com	Phone Mobile Fax Email Web
All About Pipes All of NSW	YES	1300 634 200 0408 790 010 02 9606 2325 work@allaboutpipes.com.au www.allaboutpipes.com.au	Phone Mobile Fax Email Web
Aquabend Utility Detection Central Coast, Upper Hunter, Hunter Valley, Mid North Coast and surrounding areas.	YES	0488 925 432 aquabend@hotmail.com	Phone Mobile Fax Email Web
Aquatek Australia Pty Ltd All Areas	NO	02 9971 7177 0418 612 445 02 9971 1294 david@aquatekaustralia.com.au	Phone Mobile Fax Email Web
ATTAIN Solutions Campbeltown, Tahmoor, Camden, Narellan, Castle Hill, Kellyville, Blacktown, Rouse Hill, Penrith, Liverpool and surrounding areas.	YES	1300 294 969 0438 922 200 brad@attain.com.au www.attain.com.au	Phone Mobile Fax Email Web
Australian Locating Services Pty Ltd All of ACT & NSW	DIAL BEFORE YOU DIG CERTIFIED LOCATOR	1300 761 545 0412 227 434 02 9531 2169 admin@locating.com.au www.locating.com.au	Phone Mobile Fax Email Web
Australian Subsurface Pty Ltd All of ACT & NSW	DIAL BEFORE YOU DIG CERTIFIED LOCATOR	0427 879 600 admin@australiansubsurface.com www.australiansubsurface.com	Phone Mobile Fax Email Web
Australian Underground Utility Locations Eurobodalla Shire, Bega Valley Shire, Snowy River Shire, Batemans Bay to Vic border, Far South Coast NSW	DIAL BEFORE YOU DIG CERTIFIED LOCATOR	0418 329 370 moceanfabrications@gmail.com www.auul.com.au	Phone Mobile Fax Email Web
Australian Utilities Management Pty Ltd	DIAL BEFORE YOU DIG CERTIFIED LOCATOR	0424 537 952 bookings@ausutuilities.net.au www.ausutilities.net.au	Phone Mobile Fax Email Web
Bradmac Locating Services Pty Ltd Sydney Metro, Bathurst, Lithgow, Mudgee, Mittagong, Campbeltown	DIAL BEFORE YOU DIG CERTIFIED LOCATOR	0434 157 409 brad.mac@bigpond.com	Phone Mobile Fax Email Web

Telstra Accredited Plant Locators – New South Wales. CENTRAL

Brandon Construction Services Pty Ltd Sydney metro & surrounding districts, other country NSW areas on request		0438 044 008 liam.bolger@hotmail.com	Phone Mobile Fax Email Web
Cardno ACT Sydney, Wollongong, Nowra, Newcastle, Central Coast and Coffs Harbour		1300 224 664 02 8783 8492 cardnoaus@cardno.com.au	Phone Mobile Fax Email Web
Chris Bates & Associates Mid North Coast, Newcastle, Hunter Valley and Central Coast		02 4928 1519 0408 427 391 chrisbatesandassociates@yahoo.com.au	Phone Mobile Fax Email
Coastal Cable Locators Pty Ltd Wollongong to Eden, Braidwood, Bungendore, Goulburn		02 4457 1258 0427 975 777 02 4457 1258 skomalley@bigpond.com	Phone Mobile Fax Email Web
Down Under Detection Services		02 9371 7744 downunderdetections@bigpond.com	Phone Mobile Fax Email
Down Under Pipeline Surveys Pty Ltd	NO	02 4653 1286 0418 675 374 02 4653 1747 office@dups.com.au www.dups.com.au	Phone Mobile Fax Email Web
Durkin Construction Pty Ltd All Areas		02 9712 0308 0452 202 212 02 9647 1984 info@durkinconstruction.com.au www.durkinconstruction.com.au	Phone Mobile Fax Email Web
Dynamic Excavations Brisbane, Gold Coast, Toowoomba, Sunshine Coast, Northern NSW, Ballina, Sydney and surrounding districts		07 5564 8142 0418 596 066 marco@dynamicexcavations.com.au www.dynamicexcavations.com.au	Phone Mobile Email Web
Electrostar NSW North West including Tablelands (Armidale, Glenn Innes) Hunter Valley, Newcastle to Grafton	YES	0429 620 999 0428 658 707 02 6762 0213 admin@electrostar.com.au www.electrostar.com.au	Phone Mobile Fax Email Web
Epoca Environmental Pty Ltd Sydney Metro, All of NSW & ACT	YES	02 4739 2465 0430 606 948 evelyn@epocaenvironmental.com.au www.epocaenvironmental.com.au	Phone Mobile Fax Email Web
G B Geotechnics (Australia) Pty Ltd All areas of New South Wales	NO	02 9890 2122 0403 153 651 jamie@gbgoz.com.au	Phone Mobile Fax Email Web
G & C McCorkindale Dubbo, Young, Wagga, Yass, Goulburn, Bathurst, Orange, Temora, West Wyalong & most NSW country regions		0488 520 482 0408 822 428 02 6382 2639 locatelt@bigpond.net.au	Phone Mobile Fax Email Web
Geoscope Utility Detection Services Pty Ltd Sydney areas and parts of NSW		0432 296 323 info@geoscopelocating.com.au www.geoscopelocating.com.au	Phone Mobile Fax Email Web
Geotrace Pty Ltd All Areas, Hills District, Sydney, Wollongong, Newcastle, ACT, Sutherland, Bankstown, Richmond, Burwood, Rose Bay, Balmain		02 8824 6654 0417 147 945 02 8824 5637 info@geotrace.com.au www.geotrace.com.au	Phone Mobile Fax Email Web

Telstra Accredited Plant Locators – New South Wales. CENTRAL

Ground Scan Locating All of NSW	DIAL BEFORE YOU DIG CERTIFIED LOCATOR	0414 640 640 02 6332 2599 gscan1@bigpond.com	Phone Mobile Fax Email Web
Hunter Ground Search Central Coast, Newcastle, Hunter Valley, Mid North Coast and west to Tamworth, Liverpool Plains and Dubbo.	DIAL BEFORE YOU DIG CERTIFIED LOCATOR	02 4953 1244 0418 684 819 02 4953 1233 huntergroundsearch@bigpond.com	Phone Mobile Fax Email Web
Hunter Smith Management Pty Ltd NSW & ACT	DIAL BEFORE YOU DIG CERTIFIED LOCATOR	02 8090 2695 0422 224 761 hntersmith@iprimus.com.au www.hsmlocating.com.au	Phone Mobile Fax Email Web
Hydro Digga All of NSW, ACT & South East Qld	DIAL BEFORE YOU DIG CERTIFIED LOCATOR	0447 774 000 locator@hydrodigga.com	Phone Mobile Fax Email Web
KCE Pty Ltd	NO	02 4922 5000 0404 079 079 02 4922 5001 davidh@kce.com.au	Phone Mobile Fax Email Web
Landmark Surveys Pty Ltd Southern NSW and ACT areas	DIAL BEFORE YOU DIG CERTIFIED LOCATOR	02 6280 9608 0413 832 038 phil@landmarksurveys.com.au www.landmarksurveys.com.au	Phone Mobile Fax Email Web
Laneyrie Electrical Pty Ltd Helensburgh to Ulladulla, Southern Highlands	DIAL BEFORE YOU DIG CERTIFIED LOCATOR	02 4237 9865 0412 079 079 02 4237 9939 bindy@laneyrieelectrical.com.au www.laneyrieelectrical.com.au	Phone Mobile Fax Email Web
Locate & Map Pty Ltd Sydney, Wollongong and the Central Coast	DIAL BEFORE YOU DIG CERTIFIED LOCATOR	0431 191 669 tim@locateandmap.com.au www.locateandmap.com.au	Phone Mobile Fax Email Web
Locaters Pty Ltd Sydney, Penrith, Richmond, Macarthur, Wollongong	DIAL BEFORE YOU DIG CERTIFIED LOCATOR	02 8214 8911 info@locaters.com.au www.locaters.com.au	Phone Mobile Fax Email Web
Locating Services Pty Ltd Hawesbury, Canberra and all of NSW.	DIAL BEFORE YOU DIG CERTIFIED LOCATOR	0403 065 510 sam.romano1@outlook.com	Phone Mobile Fax Email Web
Lower Mountains Electrical Blue Mountains, Penrith, Hawksbury, Lithgow and surrounding areas	NO	0414 446 422 info@lowermountainselectrical.com.au	Phone Mobile Fax Email
Lynco Pty Ltd t/as Lyntet Communications Dubbo depot, covering Forbes, Grenfell, Parkes, Bourke, Bourke North, Nyngan, Coonabarabran, Coonamble, Mudgee, Narromine, Wellington, Orange, Molong, Yeoval, Coolah, Dunedoo, Gilgandra, Mendooran	DIAL BEFORE YOU DIG CERTIFIED LOCATOR	0409 811 673 lyntet@bigpond.com.au	Phone Mobile Fax Email Web
Meek Design & Construction Pty Ltd Bathurst, Orange, Lithgow, Oberon and surrounding areas	DIAL BEFORE YOU DIG CERTIFIED LOCATOR	0419 633 483 02 9012 0186 ron@meekdesign.com.au	Phone Mobile Fax Email Web
Mr Mac Group Bathurst, Orange, Yass and Goulburn.	DIAL BEFORE YOU DIG CERTIFIED LOCATOR	0447 818 260 locatemrmac@gmail.com	Phone Mobile Fax Email Web

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Newcastle Locating Services Newcastle, Hunter Valley, Upper Hunter Valley, Port Stephens		02 4933 5160 0410 698 599 02 4933 5150 afarcas@bigpond.com	Phone Mobile Fax Email Web
On Point Utility Locating Pty Ltd Sydney, Parramatta, Penrith, Wollongong, Central Coast, Highlands, Goulburn, Blue Mountains		1300 ON POINT 0405 149 529 info@onpointlocating.com.au www.onpointlocating.com.au	Phone Mobile Fax Email Web
Online Pipe & Cable Locating Pty Ltd Sydney, Newcastle, Canberra, Central Coast, Wollongong, Blue Mountains and Port Macquarie		1300 665 384 0418 402 234 02 9676 6127 office@onlinepipe.com.au	Phone Mobile Fax Email Web
Optical Fibre Technologies Sutherland, Sydney Metro, All Areas	YES	02 9153 0533 0402 354 322 02 9153 0833 opticaltek@aol.com	Phone Mobile Fax Email Web
Pipesure Australia Pty Ltd Sydney and surrounding areas		02 9625 9222 02 9625 9200 info@pipesure.com.au	Phone Mobile Fax Email Web
Riverina Cable Location Pty Ltd Wagga Wagga and surrounding areas	YES	02 6931 6565 0428 958 632 desdammefencing@msn.com	Phone Mobile Fax Email Web
RPS Australia East Pty Ltd Sydney regions and surrounding areas		02 8270 8300 0437 348 346 02 9248 9810 stanley.tan@rpsgroup.com.au	Phone Mobile Fax Email Web
Rubicof Pty Ltd Gosford, Newcastle, Taree		02 4990 5718 0418 683 451 02 4991 2600 rubicof@optusnet.com.au	Phone Mobile Fax Email Web
Rutherford Electrical Engineering Services		02 4932 7344 02 4932 5219 kmaher@ruthelect.com.au	Phone Mobile Fax Email Web
Safety 1 Pty Ltd Tamworth, Gunnedah, Muswellbrook to Tenterfield, across to Lightning Ridge and Walgett, Coonabarabran.	YES	0429 817 216 clhutton@bigpond.com	Phone Mobile Fax Email Web
Signal Support Services Pty Ltd Goulburn, Southern Highlands, Canberra.		02 4821 8334 0418 237 668 ted@signalsupport.com.au	Phone Mobile Fax Email Web
Steger & Associates Registered Land Surveyors NSW & ACT		02 6296 4089 02 6296 4090 enquiries@leachsteger.com.au	Phone Mobile Fax Email Web
Sydwide Concrete Saw & Pipe Locators Pty Ltd	NO	0400 815 095 02 9822 7048 sydwidesaw@yahoo.com.au	Phone Mobile Fax Email Web
TR Civils ACT – Southern Tablelands, Goulburn, Snowy Mountains areas	YES	02 6249 6818 0402 442 068 admin@trcivils.com.au	Phone Mobile Fax Email Web

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Utility I.D. All areas Queensland and New South Wales	YES	0401 202 515 info@utilityid.com.au www.utilityid.com.au	Phone Mobile Fax Email Web
Utility Locating Services		0404 087 555	Phone Mobile Fax Email Web
Utility Mapping (Aust) Pty Ltd Sydney and surrounding areas		1300 MAPPING sydney@utilitymapping.com.au www.utilitymapping.com.au	Phone Mobile Fax Email Web
Vac Group Operations Pty Ltd t/as Earthspy		1300 822 834 0447 466 331 www.vacgroup.com.au	Phone Mobile Fax Email Web
Vertex Power & Process NSW areas – Broken Hill, Menindee, Wilcannia, Ivanhoe & surrounding areas. SA areas – Eastern regions of SA including Olary Mingary & Cockburn.	YES	08 8088 4301 0428 154 450 08 8087 5729 admin@vertexpp.com.au www.vertexpp.com.au	Phone Mobile Fax Email Web

LEGEND

IT'S HOW WE CONNECT

For more info contact a Telstra Accredited Locater or Telstra Plan Services 1800 653 935

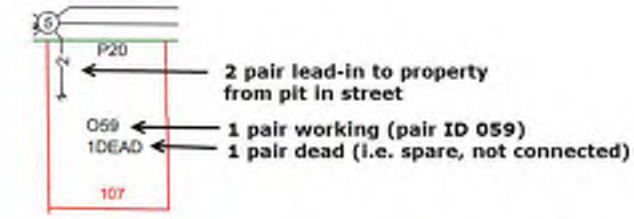
Exchange
(major cable present)

Footway access chamber
(can vary from 1-lid to 12-lid)

Pillar/cabinet
(above the ground / free standing)

Above ground complex equipment housing (eg RIM)
Please Note: This equipment is powered by 240V electricity.

OC **other carrier**



Single to multiple round conduit
Configurations 1, 2, 4, 9 respectively
P100
(Attached text denotes conduit type and size)

Multiple square conduit
Configurations 2, 4, 6 respectively
E85
(Attached text denotes conduit type and size)

Cable jointing pit
(number indicating pit type)

Elevated cable joint
(above ground joint on buried cable)

Telstra Plant in shared utility trench

Aerial Cable
(above ground)

Aerial Cable
(attached to joint use pole e.g. power)

Direct buried cable

Marker post installed

Buried transponder

Marker, transponder

SMOF **Optical fibre cable direct buried**

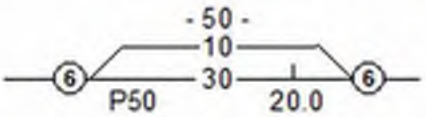
Some examples of conduit type and size:

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

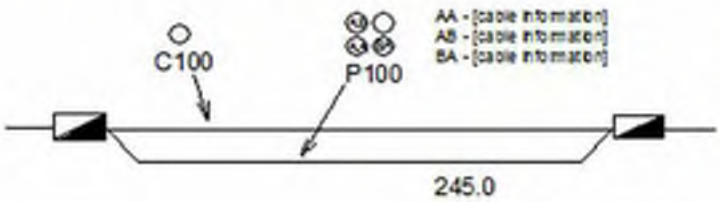
Conduit sizes *nominally* range from 20mm to 100mm.

P50	50mm PVC conduit
P100	100mm PVC conduit
A100	100mm asbestos cement conduit
E 85	85mm square earthenware conduit

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, 20.0m apart, with a direct buried 30-pair cable along the same route.



Two separate conduit runs between two footway access chambers (manholes) 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 the same route.

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. Telstra does not warrant or hold out that its plans are accurate and accepts no responsibility for any inaccuracy shown on the plans. FURTHER ON SITE INVESTIGATION IS REQUIRED TO VALIDATE THE EXACT LOCATION OF TELSTRA PLANT PRIOR TO COMMENCING CONSTRUCTION WORK. A plant location service 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. The exact position of Telstra assets can only be validated by physically exposing it. Telstra will seek compensation for damages caused to its property and losses caused to Telstra and its customers.