

fact sheet

July 2010

Agnes Water/Seventeen Seventy Integrated Water Project –

Seventeen Seventy Water and Sewerage Reticulation

The Agnes Water/Seventeen Seventy Integrated Water Project will provide the township of Seventeen Seventy with access to reticulated water and sewerage services, ensuring a viable and environmentally sustainable alternative for residents and visitors.

Gladstone Regional Council has appointed contractor United Utilities Australia (UUA) to oversee the delivery of the reticulation works which are scheduled to begin in July 2010.

What will the reticulation work involve?

The work will involve installing water and sewerage pipes along Captain Cook Drive and progressing through the township's residential streets. All pipes will be installed in the roads to minimise construction impacts. For the exact locations of pipe installation, please refer to the attached drawings.

How long will the work take?

The project will be completed over a four-month staged construction period in an effort to minimise inconvenience to residents and visitors.

What types of construction impacts could we encounter?

Traffic will be reduced to one lane under the supervision of traffic controllers while works are progressing along each street. Residents will be notified well in advance of impending works in their street and if driveway access is unavailable for any period of time.

Who will have access to the reticulated water service?

All Seventeen Seventy properties will be provided with a connection to the property boundary. Water self-sufficient properties may continue to use rainwater tanks, however a connection will still be provided to each property for immediate or future use. Connecting individual properties to the water supply will be at the discretion of property owners through Council's normal application process.

All property owners will be charged an access fee for the provision of the water service however consumption fees will not apply if you do not use the new supply. All costs incurred within individual property boundaries to comply with legislation and plumbing permits will be the responsibility of the property owner.

fact sheet

What about the sewerage service?

Once again, all Seventeen Seventy properties will be connected to the reticulated sewerage service however at no cost to property owners. Each property will be installed with a low pressure system and, depending on the condition of existing sewerage infrastructure at each property, Council may use the existing septic tank as a pump station or install a new pump station. Pump stations will be connected to each residential electricity supply and, on completion of installation, ownership and operational responsibility will transfer to each owner. Residents will still be able to use grey water if their system complies with new legislation.

Will Council undertake any work within our property boundary without our prior knowledge?

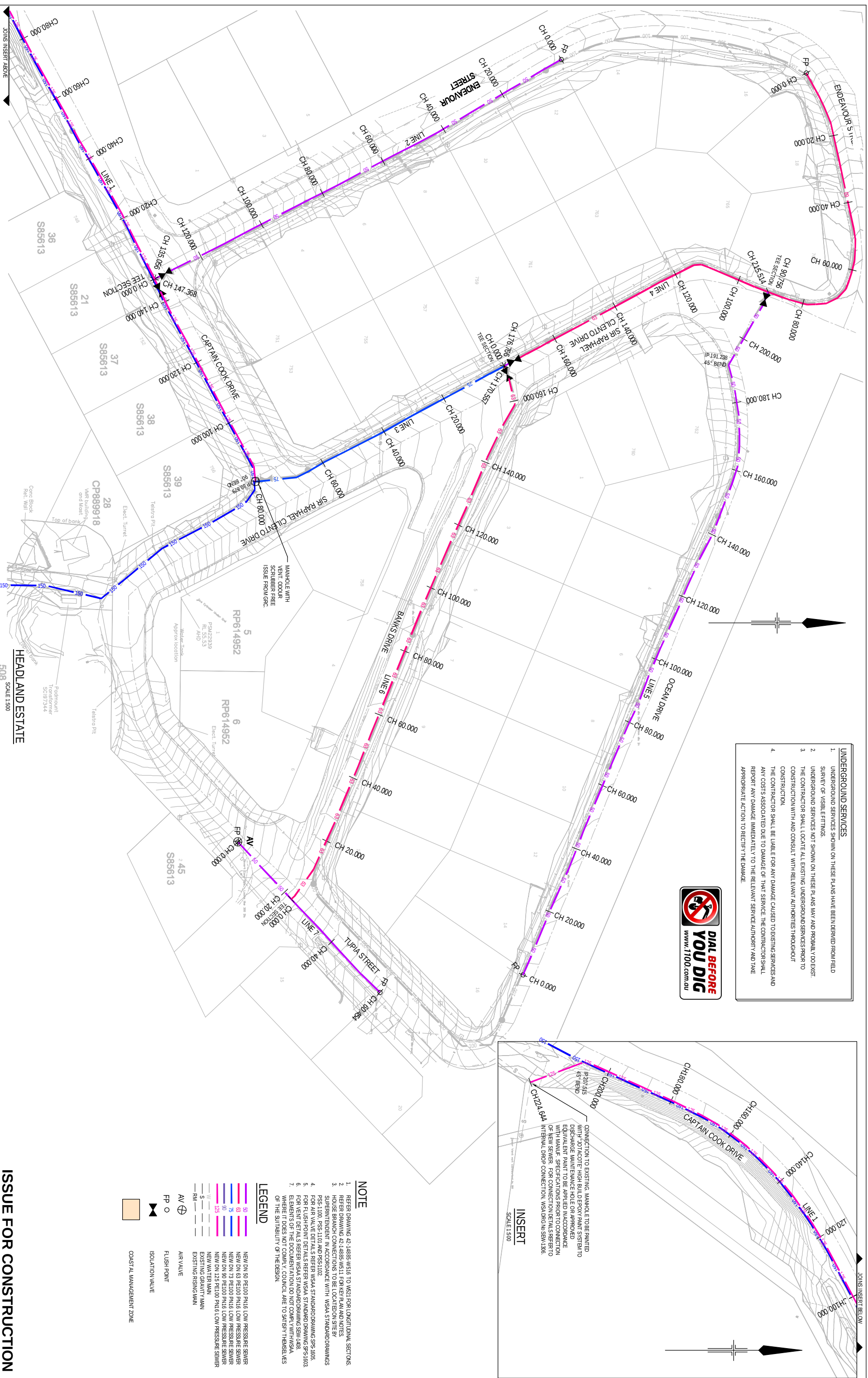
No, Council will consult extensively with residents on their water and sewerage connection needs before undertaking any work. If residents are absent, Council will not undertake any work until they have been contacted and consulted.

When can we expect the new water and sewerage reticulation service to be connected?

As the new reticulated services require the completion of other key infrastructure components of the Agnes Water/Seventeen Seventy Integrated Water Project, connections will not occur until early 2011.

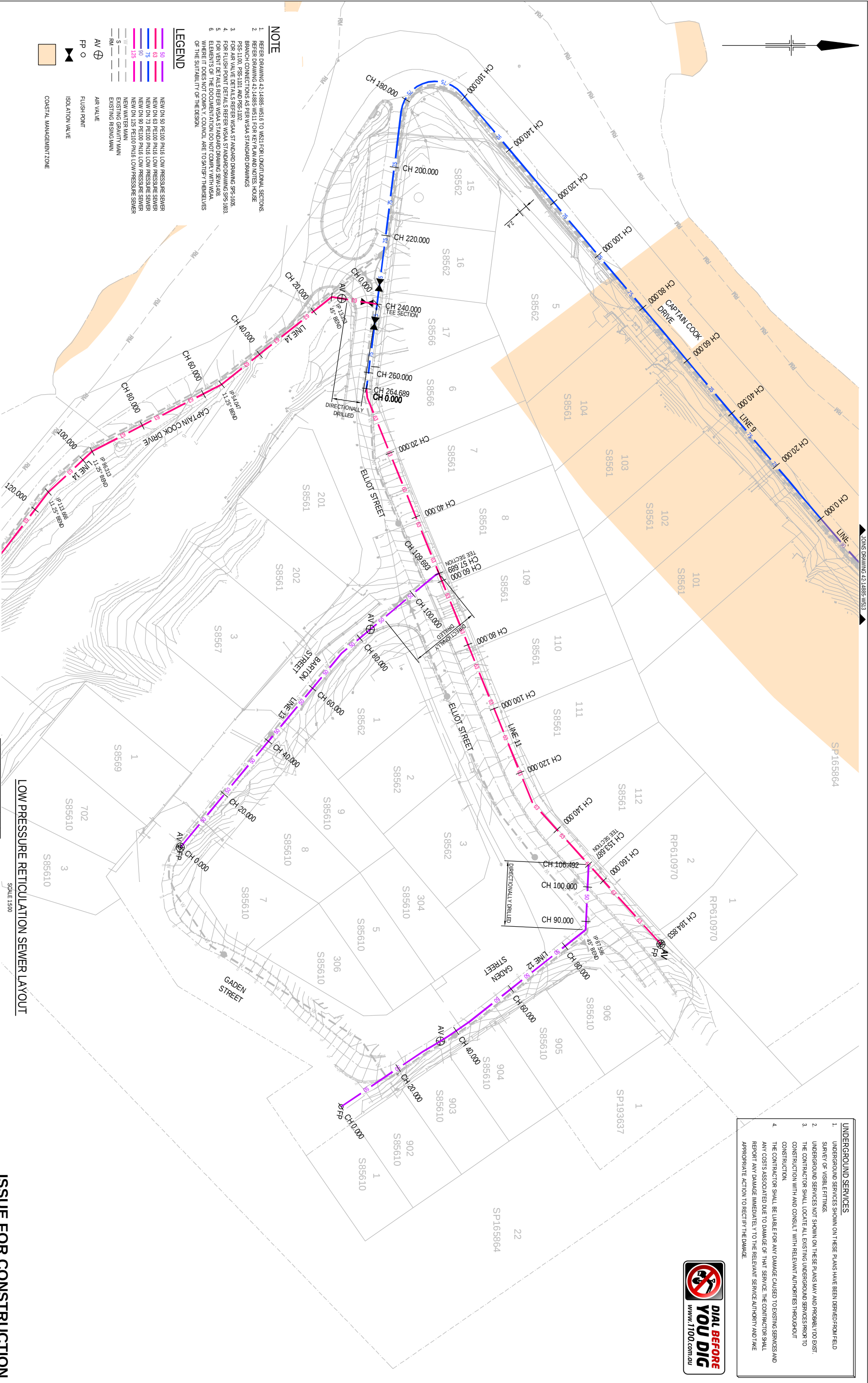
MEDIA INFORMATION: For further information contact Council's Community Relations Section on 4976 6946..

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- UNDERGROUND SERVICES**
- UNDERGROUND SERVICES SHOWN ON THESE PLANS HAVE BEEN DERIVED FROM FIELD SURVEY OF VISIBLE FITTINGS.
 - UNDERGROUND SERVICES NOT SHOWN ON THESE PLANS MAY AND PROBABLY DO EXIST. THE CONTRACTOR SHALL LOCATE ALL EXISTING UNDERGROUND SERVICES PRIOR TO CONSTRUCTION WITH AND CONSULT WITH RELEVANT AUTHORITIES THROUGHOUT CONSTRUCTION.
 - THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE CAUSED TO EXISTING SERVICES AND ANY COSTS ASSOCIATED DUE TO DAMAGE OF THAT SERVICE. THE CONTRACTOR SHALL REPORT ANY DAMAGE IMMEDIATELY TO THE RELEVANT SERVICE AUTHORITY AND TAKE APPROPRIATE ACTION TO RECTIFY THE DAMAGE.
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- NOTE**
- REFER DRAWING 42-14885-W51.6 TO W52.1 FOR LONGITUDINAL SECTIONS.
 - REFER DRAWING 42-14885-W51.11 FOR KEY PLAN AND NOTES. HOUSE BRANCH CONNECTIONS AS PER W54A STANDARD DRAWINGS PSS-1100, PSS-1101 AND PSS-1102.
 - FOR AIR VALVE DETAILS REFER W54A STANDARD DRAWING SP5-1005.
 - FOR FLUSH POINT DETAILS REFER W54A STANDARD DRAWING SP5-1003.
 - FOR VENT DETAILS REFER W54A STANDARD DRAWING SP5-1004.
 - ELEMENTS OF THE DOCUMENTATION DO NOT COMPLY WITH W54A WHERE IT DOES NOT COMPLY. COUNCIL ARE TO SIGNIFY THEMSELVES OF THE SUITABILITY OF THE DESIGN.

- LEGEND**
- NEW DN 50 PE100 PN16 LOW PRESSURE SEWER
 - NEW DN 63 PE100 PN16 LOW PRESSURE SEWER
 - NEW DN 75 PE100 PN16 LOW PRESSURE SEWER
 - NEW DN 90 PE100 PN16 LOW PRESSURE SEWER
 - NEW DN 125 PE100 PN16 LOW PRESSURE SEWER
 - NEW WATER MAIN
 - EXISTING GRANT MAIN
 - EXISTING RISING MAIN
 - RM
 - AV
 - FP
 - FLUSH POINT
 - ISOLATION VALVE
 - COASTAL MANAGEMENT ZONE

0	ISSUE FOR CONSTRUCTION	MJT	PRG	JNG	30.06.10		
No	Revision	Note	Indicates signatures on original issue of drawing or last revision of drawing	Drawn	Checked	Approved	Date

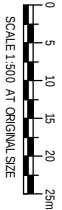
United Utilities

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DO NOT SCALE	
Drawn	DARTHY
Design	P. SHARRY
Check	JN GERSEN/OWSKI
Approved	PRG
Date	30.06.10
Scale	AS SHOWN

Client	UNITED UTILITIES AUSTRALIA
Project	AGNES WATER 1770 INTEGRATED WATER PROJECT
Title	LOW PRESSURE SEWERAGE RETICULATION SHEET 3 OF 4
Original size	A1
Drawing No:	42-14885-W514
Rev:	0

- UNDERGROUND SERVICES
1. UNDERGROUND SERVICES SHOWN ON THESE PLANS HAVE BEEN DERIVED FROM FIELD SURVEY OF VISIBLE FITTINGS.

2. UNDERGROUND SERVICES NOT SHOWN ON THESE PLANS MAY, AND PROBABLY DO EXIST. THE CONTRACTOR SHALL LOCATE ALL EXISTING UNDERGROUND SERVICES PRIOR TO CONSTRUCTION WITH AND CONSULT WITH RELEVANT AUTHORITIES THROUGHOUT CONSTRUCTION.

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- NOTE
1. LINE 6 IS OFFSET FROM LINE 8 ALLOWING 300mm MIN. FREE CLEARANCE.

2. CROSS-SECTION 105 AND 106 AS PER GRC STANDARD DRAWING No. 3

3. FIRE HYDRANTS START AT HIGH POINTS AND SPACED AT 80m CENTRES AND AT MAIN TERMINATIONS. FOR DETAILS REFER WS&A STANDARD DRAWING WAT-1301. PROVIDE MARKER POSTS PER WS&A WAT-1300 POST DETAILS IN AW GRC REQUIREMENTS

4. TRENCHING TO EMPLOY > 10% TRENCH STOPS @ 6m CTRS. > 15% BULKHEADS @ 30m CTRS. AND TRENCH STOPS @ 6m CTRS.

5. FOR GENERAL NOTES REF: DWG. No. 42-14885-W522.

6. ELEMENTS OF THE DOCUMENTATION DO NOT COMPLY WITH WS&A WHERE IT DOES NOT COMPLY. COUNCIL ARE TO SATISFY THEMSELVES OF THE SUITABILITY OF THE DESIGN.

- LEGEND
- DN150 LOW PRESSURE SUPPLY (mPVC PN16)

DN200 LOW PRESSURE SUPPLY (mPVC PN16)

DN100 HIGH PRESSURE SUPPLY (mPVC PN16)

DN150 HIGH PRESSURE SUPPLY (mPVC PN16)

DN200 HIGH PRESSURE SUPPLY (mPVC PN16)

DN150 HIGH PRESSURE SUPPLY (mPVC PN16)

DN150 RESERVOIR FEED LINE (mPVC PN16)

PROPERTY CONNECTION

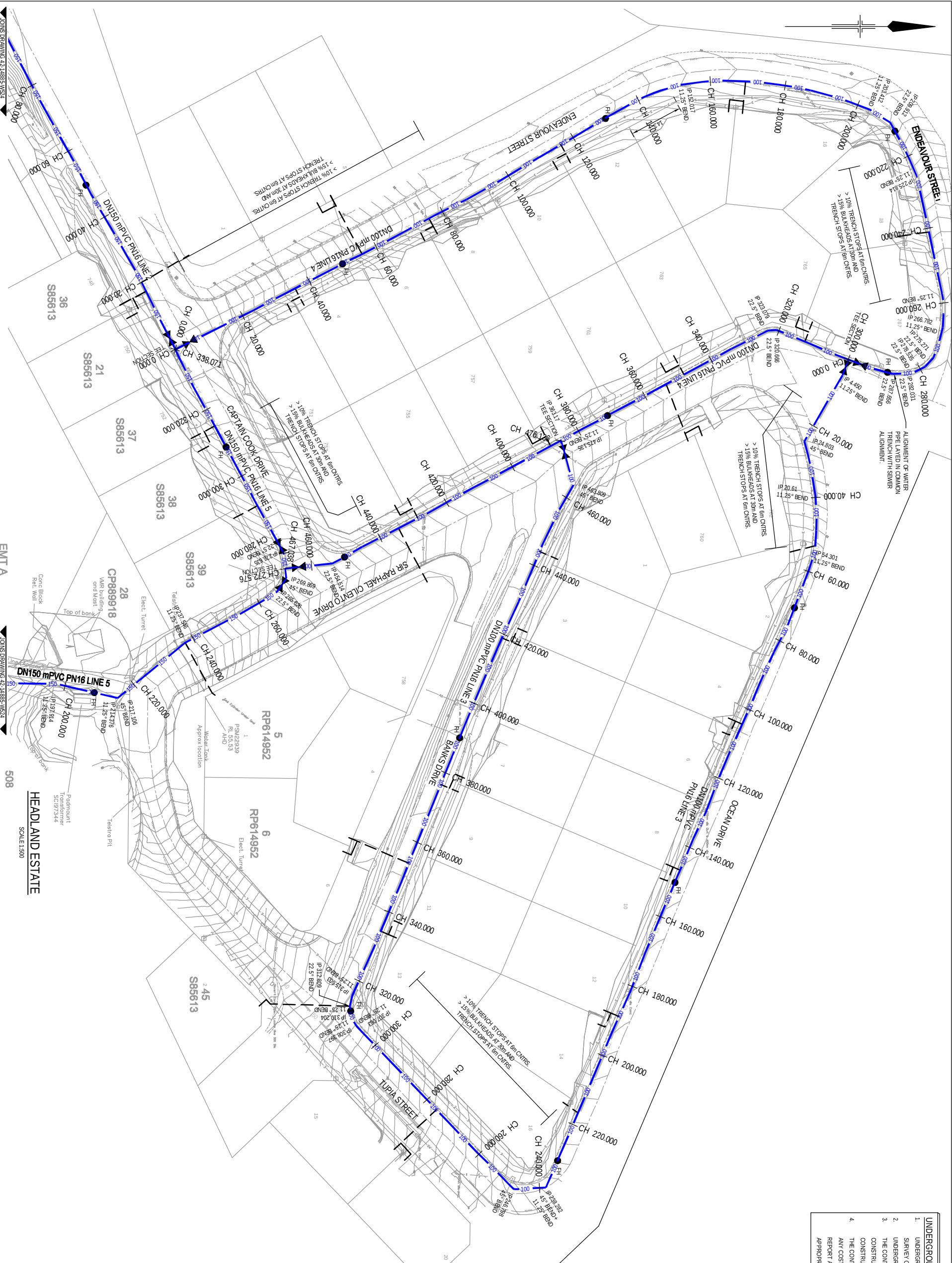
NEW SEWER DN150/DN125

SLUICE VALVE (VALVE SIZE TO MATCH PRE)

PRESSURE REDUCING VALVE

FIRE HYDRANT

COASTAL MANAGEMENT ZONE



UNITED UTILITIES AUSTRALIA

AGNES WATER 1770 INTEGRATED WATER PROJECT

WATER RETICULATION LAYOUT

SHEET 1 OF 12

ISSUE FOR CONSTRUCTION

0

Revision

Note: * Indicates signatures on original issue of drawing last revision of drawing

Drawn

Checked

Approved

Date

0

Issue for construction

MJT

PRG

JNG

30.06.10

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DO NOT SCALE

Drawn

DARTHY

Designed

GREGORIO

Drafting

B. MULLAN*

Design

P. SHARRY*

Check

JN. GERSEKOWSKI*

Approved

30.06.10

Scale

AS SHOWN

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Original size

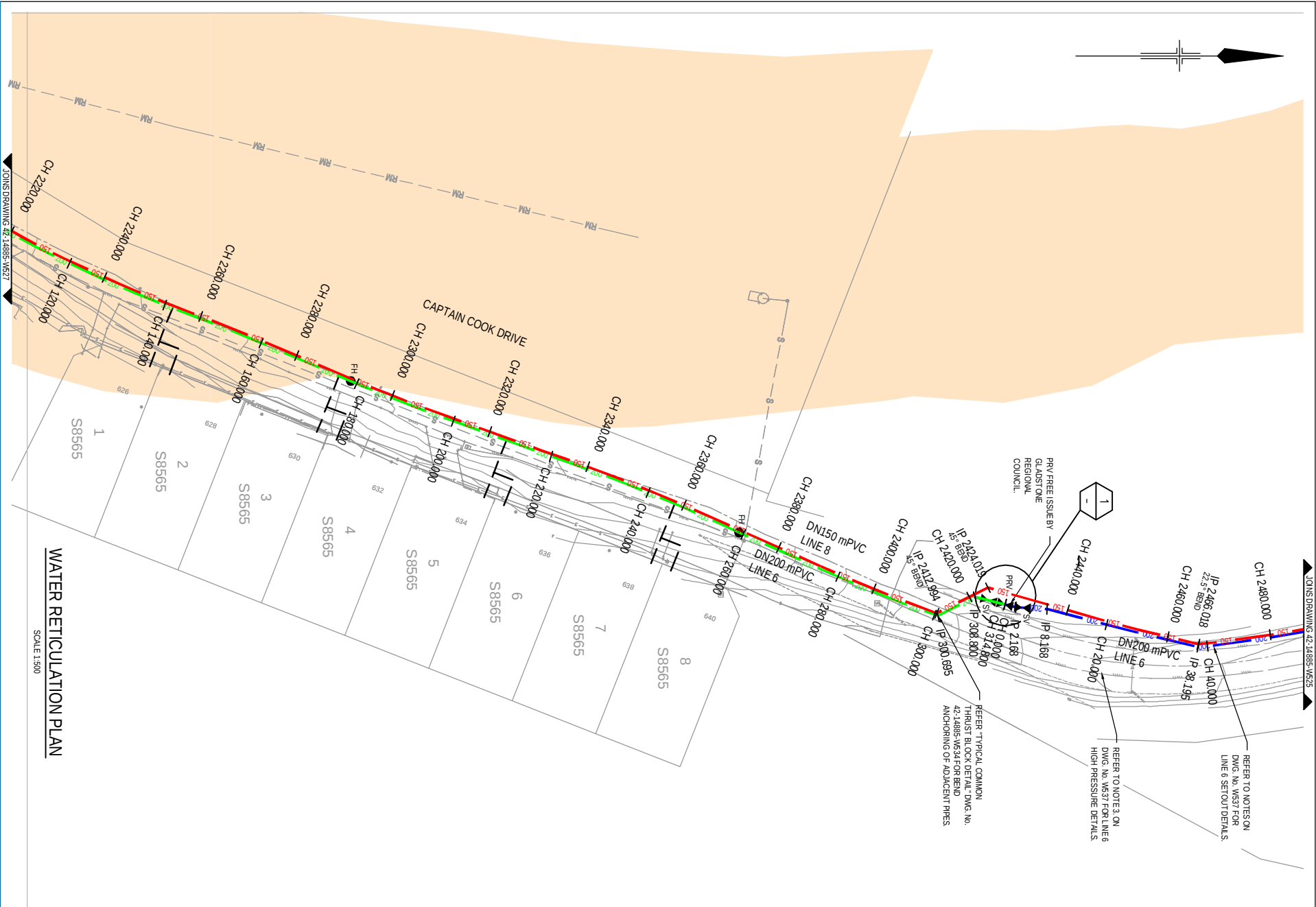
A1

Drawing No:

42-14885-W523

Rev:

0



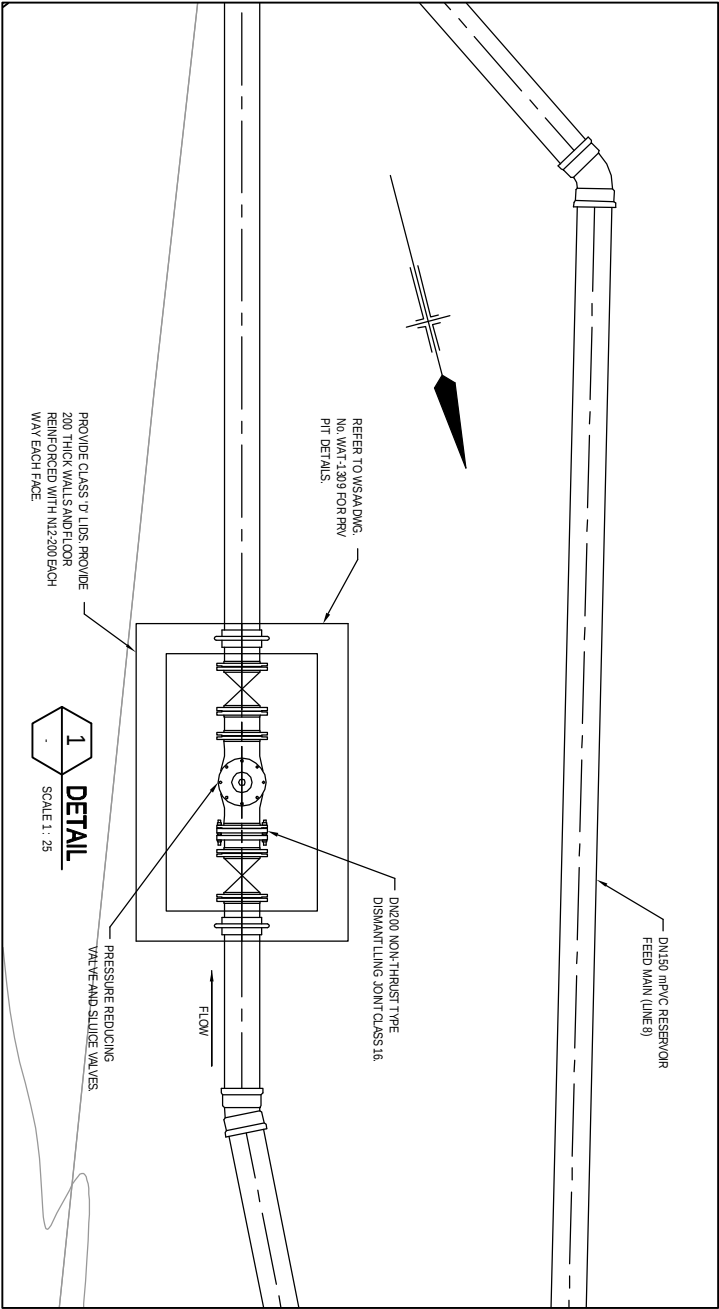
ISSUE FOR CONSTRUCTION

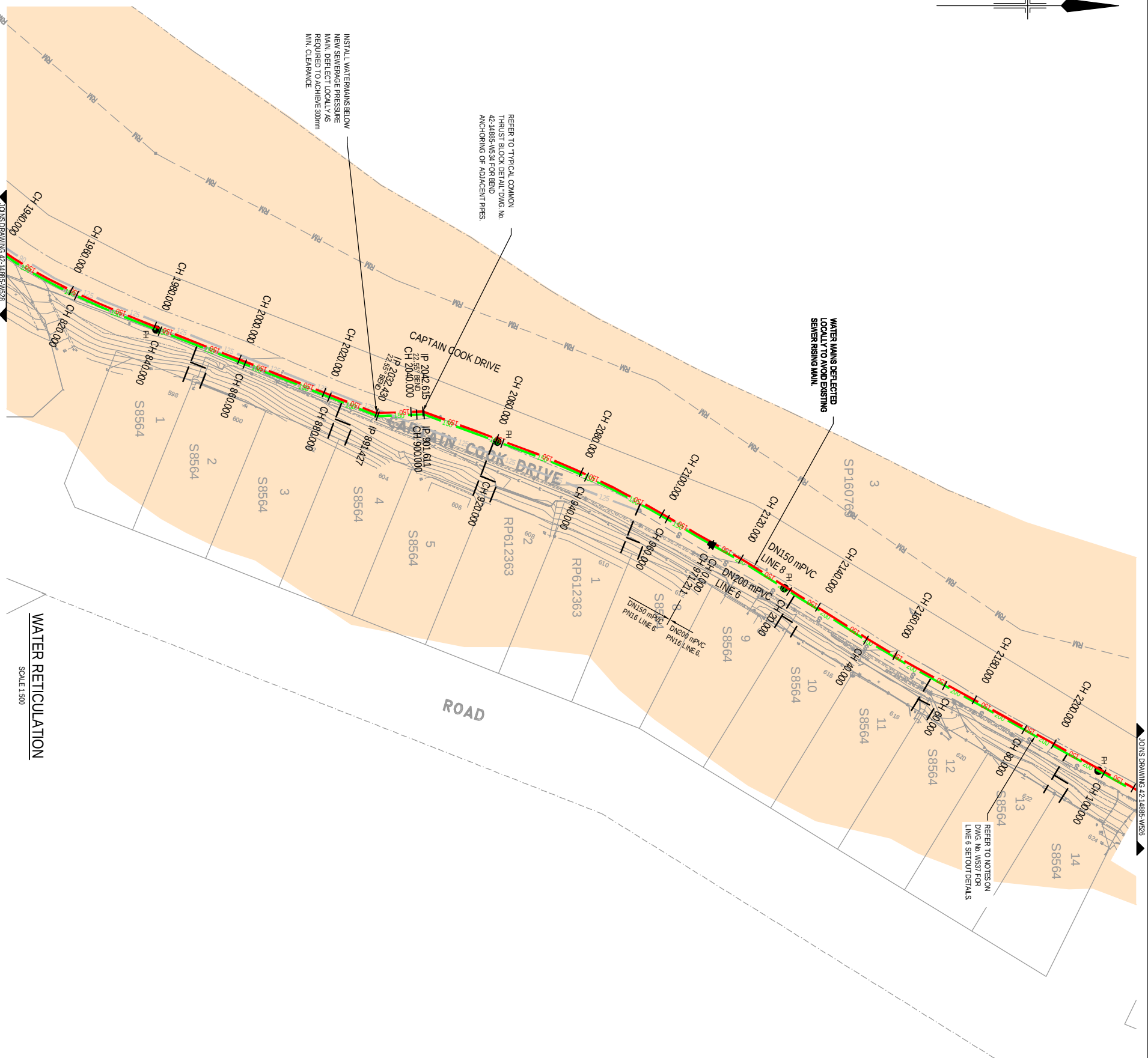


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- LEGEND**
- DN150 LOW PRESSURE SUPPLY (mPVC PN6)
 - DN200 LOW PRESSURE SUPPLY (mPVC PN6)
 - DN100 HIGH PRESSURE SUPPLY (mPVC PN6)
 - DN150 HIGH PRESSURE SUPPLY (mPVC PN6)
 - DN200 HIGH PRESSURE SUPPLY (mPVC PN6)
 - DN150 RESERVOIR FEED LINE (mPVC PN6)
 - PROPERTY CONNECTION
 - NEW SEWER D150/DN25
 - SLUICE VALVE (VALVE SIZE TO MATCH PIPE)
 - PRIVATE PRESSURE REDUCING VALVE
 - FIRE HYDRANT
 - COASTAL MANAGEMENT ZONE

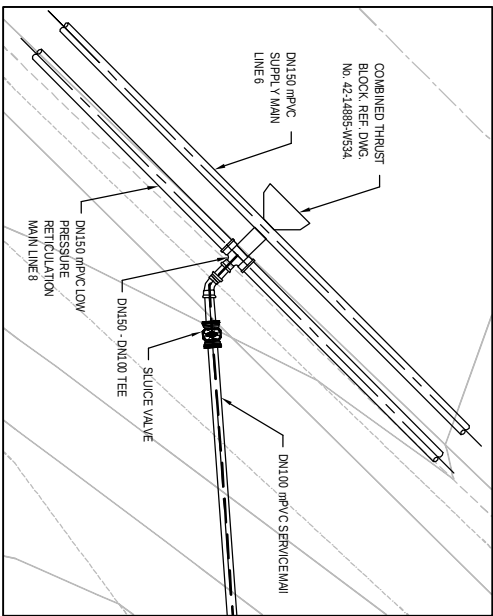
- NOTE**
- LINE 8 IS OFFSET FROM LINE 8 ALLOWING 300mm MIN. PIPE CLEARANCE.
 - HOUSE CONNECTIONS AS PER GRC STANDARD DRAWING No. 3.
 - GRC SI DW-10 AND 100.
 - FIRE HYDRANTS START AT HIGH POINTS AND SPACED AT 80m.
 - WASA STANDARD DRAWING WAT-1301 PROVIDE MARKER POSTS PER WASA WAT-1300 POST DETAIL SLIM LAM/GRC REQUIREMENTS.
 - TRENCHING TO EMPLY > 10% TRENCH STOPS @ 6m CRS.
 - > 15% BULKHEADS @ 30m CRS. AND TRENCH STOPS @ 6m CRS.
 - FOR GENERAL NOTES REF: DWG No. 42-14885-W522.
 - ELEMENTS OF THE DOCUMENTATION DO NOT COMPLY WITH WASA WHERE IT DOES NOT COMPLY. COUNCIL ARE TO SATISFY THEMSELVES OF THE SUITABILITY OF THE DESIGN.



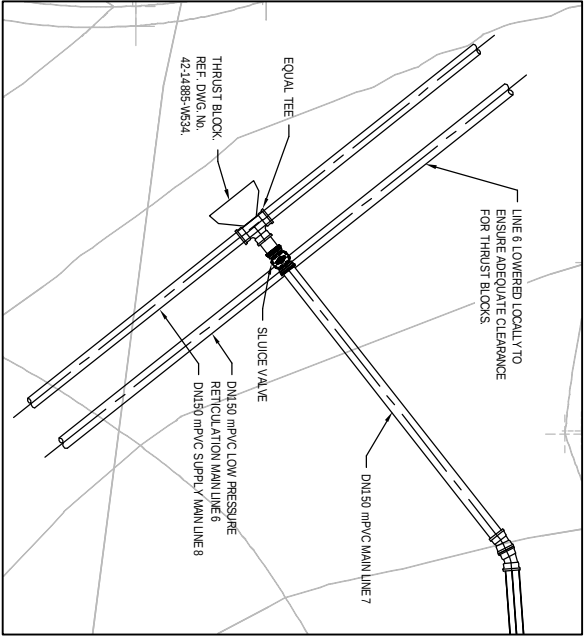
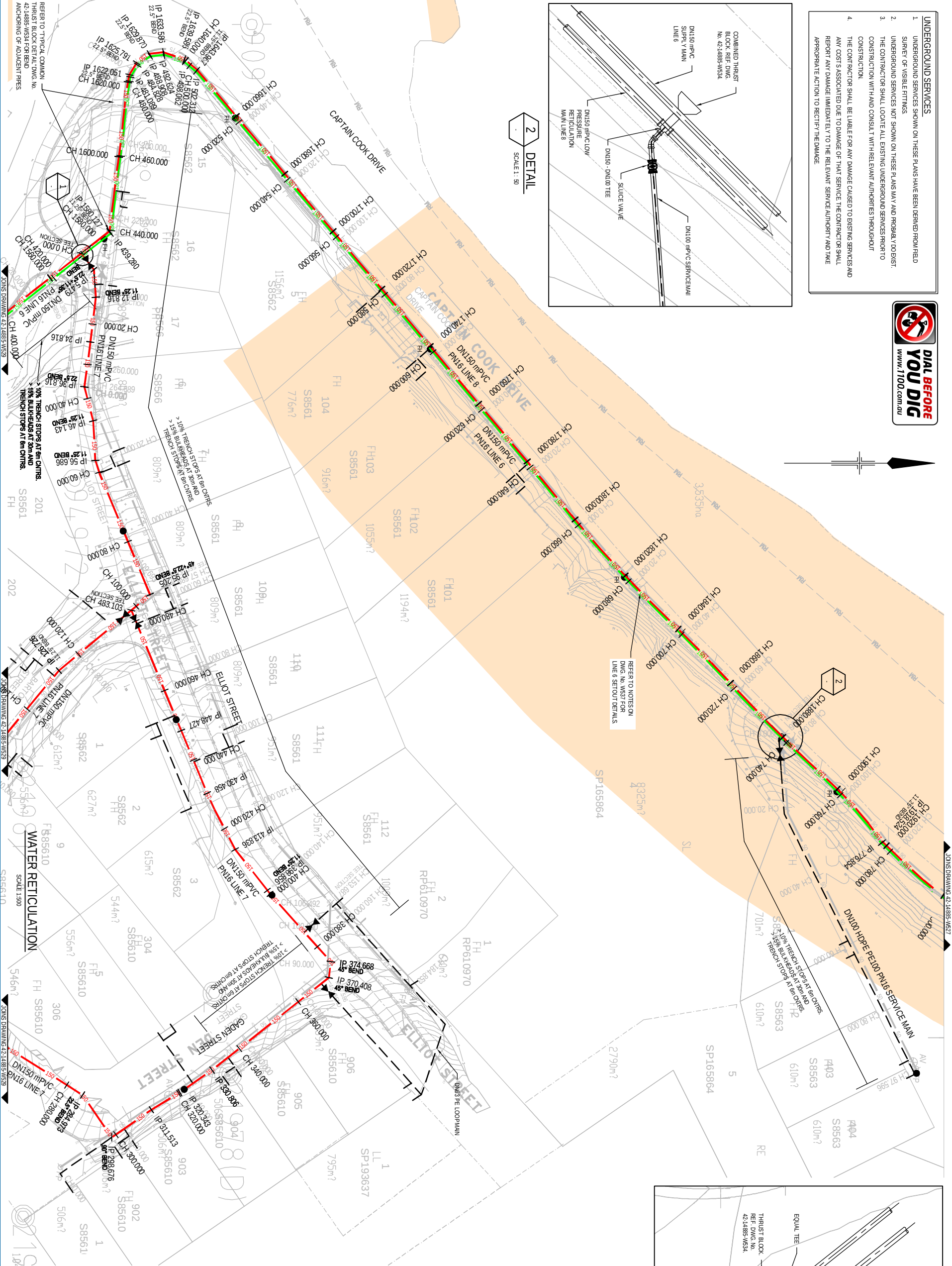


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2 DETAIL
SCALE 1: 50



1 DETAIL
SCALE 1: 50

NOTE

1. LINE 6 IS OFF SET FROM LINE 3 ALLOWING 300mm MIN. PRE CLEARANCE
2. HOSE CONNECTIONS AS PER GRC STANDARD DRAWING NO.3
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4. > 15% BULKHEADS @ 30m CRS. AND TRENCH STOPS @ 8m CRS.
5. FOR ELEMENTS OF THE DOCUMENTATION DO NOT COMPLY WITH ELEMENTS OF THE DOCUMENTATION DO NOT COMPLY WITH WSAA WHERE IT DOES NOT COMPLY. COUNCIL ARE TO SANITARY THEMSELVES OF THE SUSTAINABILITY OF THE DESIGN.

LEGEND

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- DN150 HIGH PRESSURE SUPPLY (mPVC PL16)
- DN150 HIGH PRESSURE SUPPLY (mPVC PL16)
- DN150 RESERVOIR FEED LINE (mPVC PL16)
- PROPERTY CONNECTION
- NEW SEWER DRAINAGE
- SLUCE VALVE (VALVE SIZE TO MATCH PIPE)
- PRESSURE REDUCING VALVE
- FIRE HYDRANT
- CONSTRUCTION MANAGEMENT ZONE

ISSUE FOR CONSTRUCTION

0	ISSUE FOR CONSTRUCTION	MJT	PRG	JNG	30.06.10
Revision	Note - indicates signatures on original issue of drawing last revision of drawing	Drawn	Checked	Approved	Date



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SCALE 1:500 AT ORIGINAL SIZE

0 0.5 1.0 1.5 2.0 2.5m

0 5 10 15 20 25m

DO NOT SCALE
Drawn D. ARTHY
Design P. SHARRY
Client UNITED UTILITIES AUSTRALIA
Project AGNES WATER 1770 INTEGRATED WATER PROJECT
Sheet WATER RETICULATION LAYOUT
Sheet 6 OF 12
Drawing No: 42-14885-W528
Rev: 0