



UNITYWATER PROJECT NUMBER 2021020777S0 HARMONY RELEASE 22 SEWERAGE AND WATER SUPPLY



| DRAWING INDEX | |
|----------------|------------------------------------|
| DRAWING NUMBER | DESCRIPTION |
| U-2022-4036-1 | LOCALITY PLAN AND DRAWING INDEX |
| U-2022-4036-2 | WATER AS CONSTRUCTED PLAN 2 OF 10 |
| U-2022-4036-3 | WATER AS CONSTRUCTED PLAN 3 OF 10 |
| U-2022-4036-4 | WATER AS CONSTRUCTED PLAN 4 OF 10 |
| U-2022-4036-5 | WATER AS CONSTRUCTED PLAN 5 OF 10 |
| U-2022-4036-6 | SEWER AS CONSTRUCTED PLAN 6 OF 10 |
| U-2022-4036-7 | SEWER AS CONSTRUCTED PLAN 7 OF 10 |
| U-2022-4036-8 | SEWER AS CONSTRUCTED PLAN 8 OF 10 |
| U-2022-4036-9 | SEWER AS CONSTRUCTED PLAN 9 OF 10 |
| U-2022-4036-10 | SEWER AS CONSTRUCTED PLAN 10 OF 10 |

I, Jarrod Hill being a Cadastral Surveyor and duly authorised representative of RPS AAP Consulting Pty Ltd

hereby :-

- certify the information contained in this drawing is an accurate "as-constructed" representation of the works.
- accept responsibility for the location of the "as-constructed" information contained in this drawing.
- acknowledge the "as-constructed" information contained in the drawing may be relied on by Council and others.

Certification for Stages HARMONY RELEASE 22 by [Signature] on 17/07/23
 (stage no.) (signature) (date)

for RPS AAP Consulting Pty Ltd

ENGINEERS CERTIFICATION

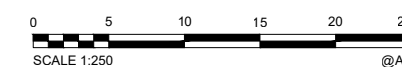
Daniel Gibson hereby certify that:

- The information contained in this drawing / document is in compliance with approved drawings and design.
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- This represents an accurate record of as-constructed works.
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CERTIFICATION FOR HARMONY RELEASE 22

RPEQ Signature [Signature] RPEQ No. 23875 Date 18-07-2023
 For and on behalf of EGIS CONSULTING PTY LTD.

COORDINATE DATUM NOTE:
 HORIZONTAL COORDINATES(E,N) SUPPLIED ARE MAPPING GRID OF AUSTRALIA(MGA), ZONE 56 BASED ON THE UNIVERSAL TRANSVERSE MERCATOR PROJECTION AND THE GEOCENTRIC DATUM OF AUSTRALIA 1994.



AS CONSTRUCTED

| | | | | | | | | | |
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| A1 | | | | | | | | | |
| | 0 | 26/06/2023 | AS CONSTRUCTED DETAILS | LG | BS | PASSED | INITIALS | DATE | DATE |
| INDEX | DATE | REVISIONS | DRAWN | CHECKED | PASSED | INITIALS | DATE | DATE | DATE |

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|---------|----|------------|
| DRAWN | LG | 26/06/2023 |
| CHECKED | BS | 26/06/2023 |
| PASSED | | |

EGIS CONSULTING Pty Ltd
 Level 4, Unit 401, 8 Market Lane,
 Maroochydore, QLD 4558
 Telephone 07 5314 2520
 Facsimile 07 5314 2522



Unitywater

2021020777S0
 HARMONY RELEASE 22
 AS CONSTRUCTED
 WATER AND SEWER SUPPLY

| | |
|---------------------------|-------------|
| SHEET 1 OF 10 SHEETS | SCALE 1:250 |
| REVISION DATE 26/06/2023 | REVISION 0 |
| DISCIPLINE CODE C | |
| DRAWING NO. U-2022-4036-1 | |

PSM201639
 E: 5054.15.141
 N: 7042015.179
 RL: 13.785m

LEGEND

- EX_W — EXISTING WATER MAIN
- W — WATER MAIN (PVC-O PN16)
- W — WATER MAIN (PVC-O PN20)
- W — WATER MAIN (PE-100 PN20)
- S — SERVICE PIPE (OD25 PE-100 PN16)
- C — CONDUIT PIPE (DN100 PVC-U PN9)
- WM WATER METER - 20mm ITRON
- FH FIRE HYDRANT
- DFH TEMPORARY DUCKFOOT HYDRANT
- TEE TEE
- RT READY TAP
- BEND BEND
- DEC END CAP
- CON CONNECTOR
- SV STOP/GATE VALVE

Daniel Gibson ENGINEERS CERTIFICATION

I, Daniel Gibson, hereby certify that:
 1. The information contained in this drawing / document is in compliance with approved drawings and design.
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CERTIFICATION FOR HARMONY RELEASE 22

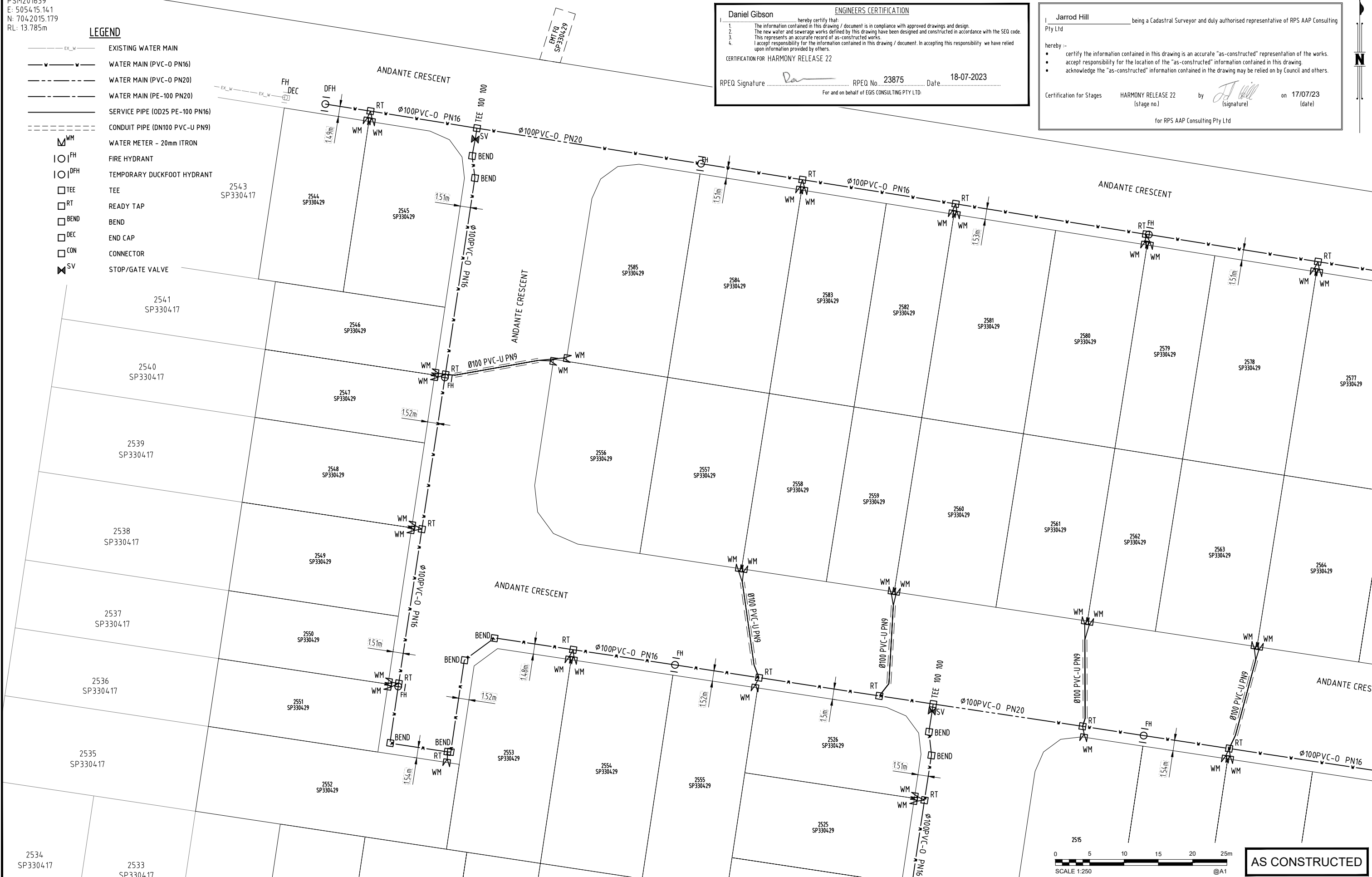
RPEQ Signature: *[Signature]* RPEQ No. 23875 Date: 18-07-2023
 For and on behalf of EGIS CONSULTING PTY LTD.

Jarrold Hill being a Cadastral Surveyor and duly authorised representative of RPS AAP Consulting Pty Ltd

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Certification for Stages HARMONY RELEASE 22 (stage no.) by *[Signature]* on 17/07/23 (date)
 for RPS AAP Consulting Pty Ltd



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| A1 | 0 | 26/06/2023 | AS CONSTRUCTED DETAILS | LG | BS | PASSED |
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| DRAWN | LG | 26/06/2023 |
| CHECKED | BS | 26/06/2023 |
| PASSED | | |
| INITIALS | DATE | |



Unitywater

20210207750
 HARMONY RELEASE 22
 AS CONSTRUCTED
 WATER SUPPLY

| | |
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| SHEET 2 OF 10 SHEETS | SCALE 1:250 |
| REVISION DATE 26/06/2023 | REVISION 0 |
| DISCIPLINE CODE C | |
| DRAWING NO. U-2022-4036-2 | |

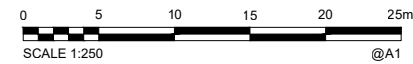
PSM201639
 E: 5054.15.141
 N: 704.2015.179
 RL: 13.785m

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 CERTIFICATION FOR HARMONY RELEASE 22
 RPEQ Signature *Daniel Gibson* RPEQ No. 23875 Date 18-07-2023
 For and on behalf of EGIS CONSULTING PTY LTD.

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 Certification for Stages HARMONY RELEASE 22 (stage no.) by *Jarrold Hill* (signature) on 17/07/23 (date)
 for RPS AAP Consulting Pty Ltd



- LEGEND**
- EX_W — EXISTING WATER MAIN
 - W — WATER MAIN (PVC-O PN16)
 - - - WATER MAIN (PVC-O PN20)
 - - - WATER MAIN (PE-100 PN20)
 - S — SERVICE PIPE (OD25 PE-100 PN16)
 - - - CONDUIT PIPE (DN100 PVC-U PN9)
 - WM WATER METER - 20mm ITRON
 - FH FIRE HYDRANT
 - DFH TEMPORARY DUCKFOOT HYDRANT
 - TEE TEE
 - RT READY TAP
 - BEND BEND
 - DEC END CAP
 - CON CONNECTOR
 - SV STOP/GATE VALVE



AS CONSTRUCTED

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| A1 | 0 | 26/06/2023 | AS CONSTRUCTED DETAILS | LG | BS | |
| | INDEX | DATE | REVISIONS | DRAWN | CHECKED | PASSED |

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| DRAWN | LG | 26/06/2023 |
| CHECKED | BS | 26/06/2023 |
| PASSED | | |
| INITIALS | DATE | |

EGIS CONSULTING Pty Ltd
 Level 4, Unit 401, 8 Market Lane,
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Unitywater
 20210207750
 HARMONY RELEASE 22
 AS CONSTRUCTED
 WATER SUPPLY

| | |
|---------------------------|-------------|
| SHEET 3 OF 10 SHEETS | SCALE 1:250 |
| REVISION DATE 26/06/2023 | REVISION 0 |
| DISCIPLINE CODE C | |
| DRAWING NO. U-2022-4036-3 | |

PSM201639
 E: 505415.141
 N: 7042015.179
 RL: 13.785m

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 SP330417

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- LEGEND**
- EX_W — EXISTING WATER MAIN
 - WATER MAIN (PVC-O PN16)
 - WATER MAIN (PVC-O PN20)
 - WATER MAIN (PE-100 PN20)
 - SERVICE PIPE (OD25 PE-100 PN16)
 - CONDUIT PIPE (DN100 PVC-U PN9)
 - WM WATER METER - 20mm ITRON
 - FH FIRE HYDRANT
 - DFH TEMPORARY DUCKFOOT HYDRANT
 - TEE TEE
 - RT READY TAP
 - BEND BEND
 - DEC END CAP
 - CON CONNECTOR
 - SV STOP/GATE VALVE

2377
 SP330417

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 SP330429

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 SP330429

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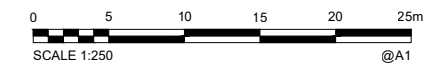
2451
 SP330429

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 SP330429

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 SP330429

ENGINEERS CERTIFICATION
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 2. The new water and sewerage works defined by this drawing have been designed and constructed in accordance with the SED code.
 3. This represents an accurate record of as-constructed works.
 4. I accept responsibility for the information contained in this drawing / document. In accepting this responsibility we have relied upon information provided by others.
 CERTIFICATION FOR HARMONY RELEASE 22
 RPEQ Signature: *[Signature]* RPEQ No 23875 Date 18-07-2023
 For and on behalf of EGIS CONSULTING PTY LTD.

I Jarrod Hill being a Cadastral Surveyor and duly authorised representative of RPS AAP Consulting Pty Ltd
 hereby certify:
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 Certification for Stages HARMONY RELEASE 22 (stage no.) by *[Signature]* on 17/07/23 (date)
 for RPS AAP Consulting Pty Ltd



AS CONSTRUCTED

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| A1 | 0 | 26/06/2023 | AS CONSTRUCTED DETAILS |
| | INDEX | DATE | REVISIONS |

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| DRAWN | LG | 26/06/2023 |
| CHECKED | BS | 26/06/2023 |
| PASSED | | |
| DRAWN | CHECKED | PASSED |
| INITIALS | DATE | |



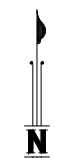
Unitywater
 20210207750
 HARMONY RELEASE 22
 AS CONSTRUCTED
 WATER SUPPLY

| | |
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| SHEET 4 OF 10 SHEETS | SCALE 1:250 |
| REVISION DATE 26/06/2023 | REVISION 0 |
| DISCIPLINE CODE C | |
| DRAWING NO. U-2022-4036-4 | |



LEGEND

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| | EXISTING WATER MAIN |
| | WATER MAIN (PVC-O PN16) |
| | WATER MAIN (PVC-O PN20) |
| | WATER MAIN (PE-100 PN20) |
| | SERVICE PIPE (OD25 PE-100 PN16) |
| | CONDUIT PIPE (DN100 PVC-U PN9) |
| | WATER METER - 20mm ITRON |
| | FIRE HYDRANT |
| | TEMPORARY DUCKFOOT HYDRANT |
| | TEE |
| | READY TAP |
| | BEND |
| | END CAP |
| | CONNECTOR |
| | STOP/GATE VALVE |



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Certification for Stages **HARMONY RELEASE 22** by *J Hill* on **17/07/23**
 (stage no.) (signature) (date)

for RPS AAP Consulting Pty Ltd

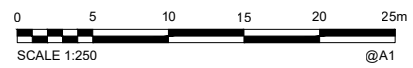
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CERTIFICATION FOR HARMONY RELEASE 22

RPEQ Signature *D Gibson* RPEQ No. **23875** Date **18-07-2023**
 For and on behalf of EGIS CONSULTING PTY LTD.

PSM201639
 E: 5054.15.141
 N: 704.2015.179
 RL: 13.785m



AS CONSTRUCTED

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| A1 | 0 | 26/06/2023 | AS CONSTRUCTED DETAILS | LG | BS | PASSED |
| | INDEX | DATE | REVISIONS | DRAWN | CHECKED | PASSED |

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| DRAWN | LG | 26/06/2023 |
| CHECKED | BS | 26/06/2023 |
| PASSED | | |
| INITIALS | | DATE |



Unitywater
 20210207750
 HARMONY RELEASE 22
 AS CONSTRUCTED
 WATER SUPPLY

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|---------------------------|-------------|
| SHEET 5 OF 10 SHEETS | SCALE 1:250 |
| REVISION DATE 26/06/2023 | REVISION 0 |
| DISCIPLINE CODE C | |
| DRAWING NO. U-2022-4036-5 | |

PSM201639
 E: 5054.15.141
 N: 704.2015.179
 RL: 13.785m

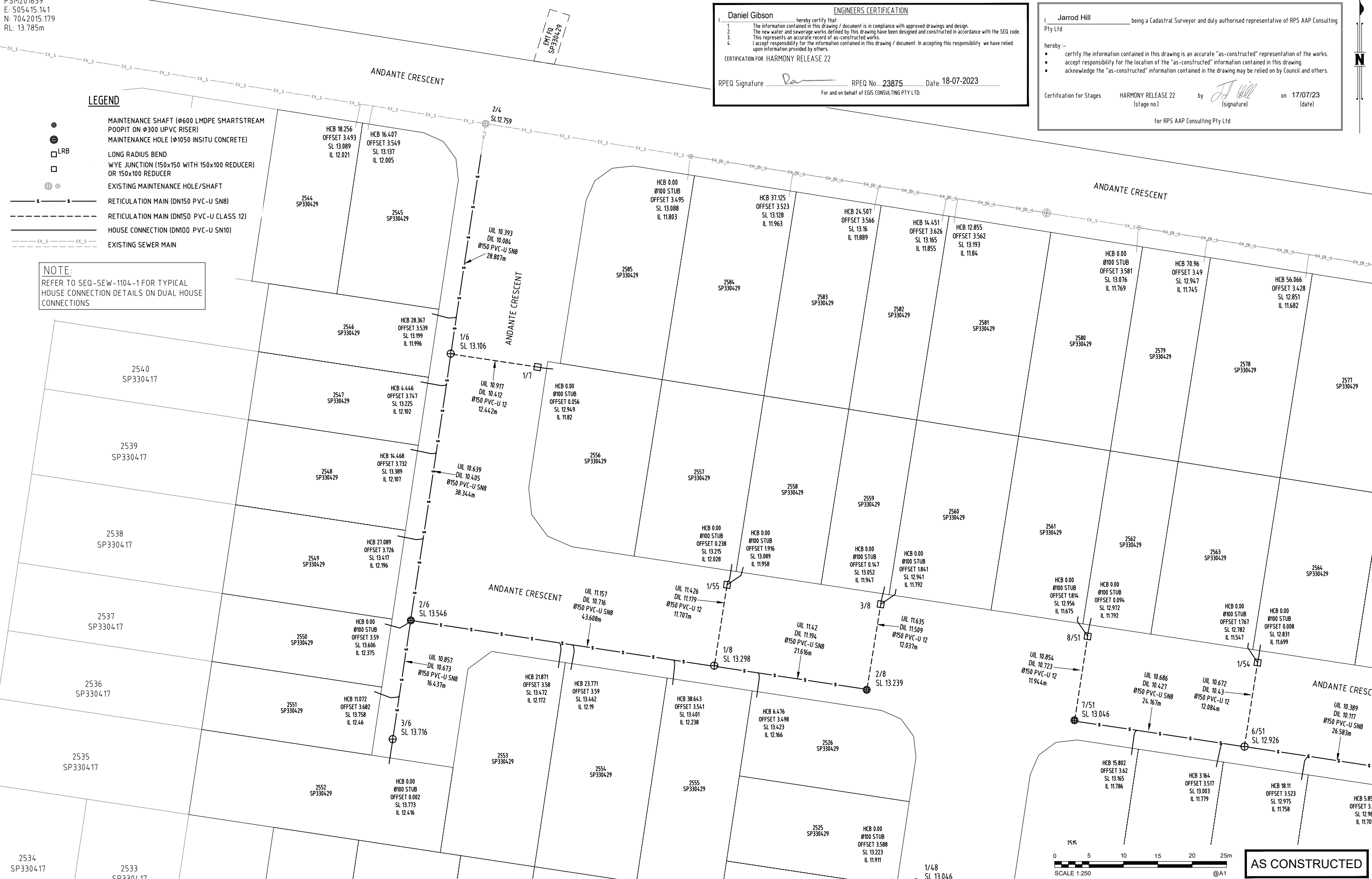
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 Certification for Stages HARMONY RELEASE 22 (stage no.) by *[Signature]* on 17/07/23 (date)
 for RPS AAP Consulting Pty Ltd

LEGEND

- MAINTENANCE SHAFT (Ø600 LMDPE SMARTSTREAM POOPIT ON Ø300 UPVC RISER)
- ⊕ MAINTENANCE HOLE (Ø1050 INSITU CONCRETE)
- LRB LONG RADIUS BEND
- WYE JUNCTION (150x150 WITH 150x100 REDUCER) OR 150x100 REDUCER
- ⊕ EXISTING MAINTENANCE HOLE/SHAFT
- RETICULATION MAIN (DN150 PVC-U SN8)
- - - RETICULATION MAIN (DN150 PVC-U CLASS 12)
- HOUSE CONNECTION (DN100 PVC-U SN10)
- - - EXISTING SEWER MAIN

NOTE:
 REFER TO SEQ-SEW-1104-1 FOR TYPICAL HOUSE CONNECTION DETAILS ON DUAL HOUSE CONNECTIONS



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| A1 | 0 | 26/06/2023 | AS CONSTRUCTED DETAILS | LG | BS | |
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| DRAWN | LG | 26/06/2023 |
| CHECKED | BS | 26/06/2023 |
| PASSED | | |
| INITIALS | DATE | |

egis
 EGIS CONSULTING Pty Ltd
 Level 4, Unit 401, 8 Market Lane,
 Maroochydore, QLD 4558
 Telephone 07 5314 2520
 Facsimile 07 5314 2522

Unitywater

Unitywater
 20210207750
 HARMONY RELEASE 22
 AS CONSTRUCTED
 SEWERAGE SUPPLY

| | |
|---------------------------|-------------|
| SHEET 6 OF 10 SHEETS | SCALE 1:250 |
| REVISION DATE 26/06/2023 | REVISION 0 |
| DISCIPLINE CODE C | |
| DRAWING NO. U-2022-4036-6 | |

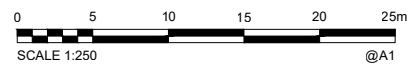
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 Certification for Stages HARMONY RELEASE 22 (stage no.) by [Signature] on 17/07/23 (date)
 for RPS AAP Consulting Pty Ltd



- LEGEND**
- ⊕ MAINTENANCE SHAFT (Ø600 LMDPE SMARTSTREAM POOPIT ON Ø300 UPVC RISER)
 - ⊗ MAINTENANCE HOLE (Ø1050 INSITU CONCRETE)
 - LRB LONG RADIUS BEND
 - WYE JUNCTION (150x150 WITH 150x100 REDUCER) OR 150x100 REDUCER
 - ⊕ EXISTING MAINTENANCE HOLE/SHAFT
 - s — s — RETICULATION MAIN (DN150 PVC-U SN8)
 - - - - - RETICULATION MAIN (DN150 PVC-U CLASS 12)
 - — — — — HOUSE CONNECTION (DN100 PVC-U SN10)
 - - - - - EX_S EX_S - - - - - EXISTING SEWER MAIN

NOTE:
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AS CONSTRUCTED

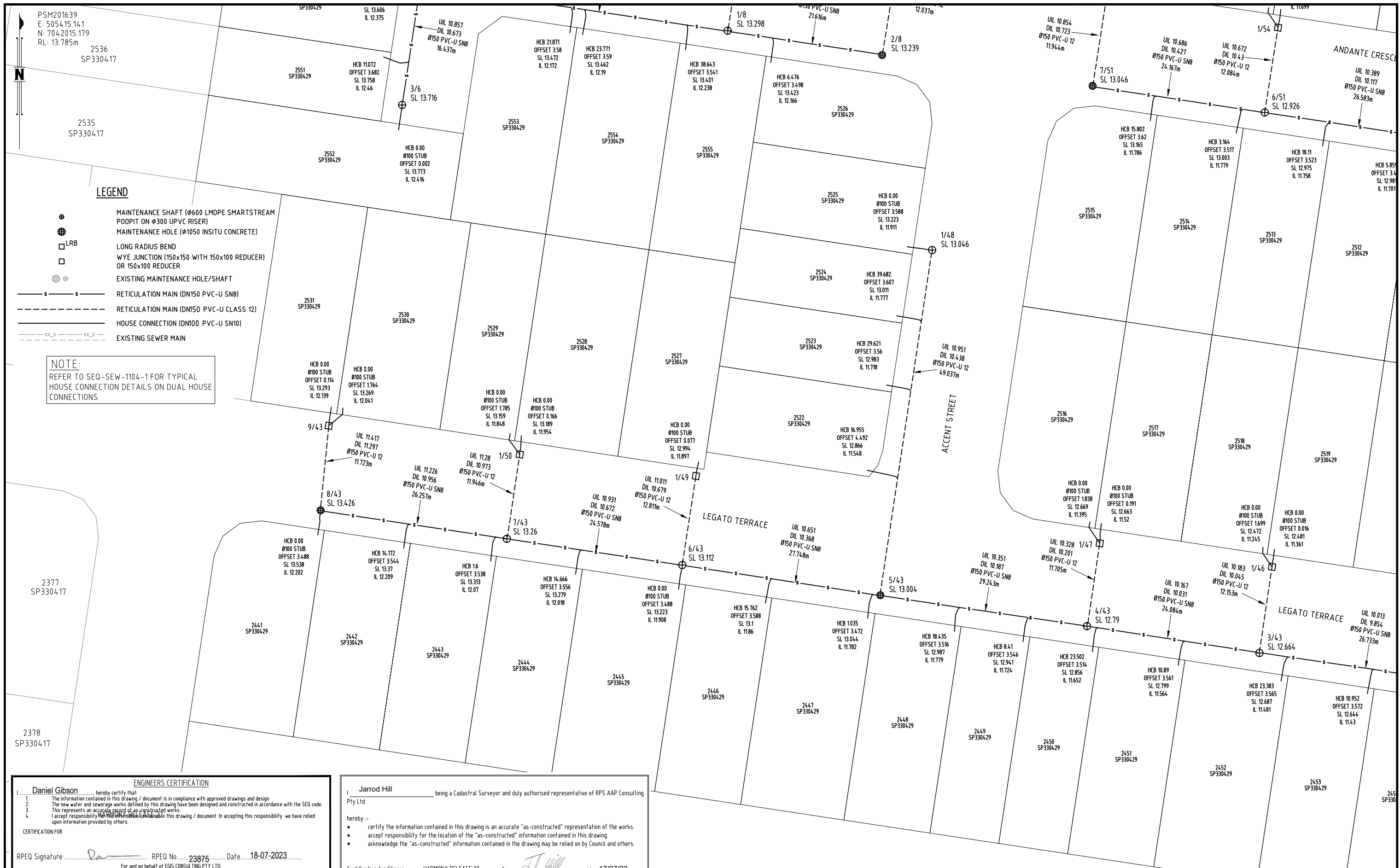
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| A1 | 0 | 26/06/2023 | AS CONSTRUCTED DETAILS | LG | BS | PASSED |
| | INDEX | DATE | REVISIONS | DRAWN | CHECKED | PASSED |

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| INITIALS | DATE | |



Unitywater
 20210207750
 HARMONY RELEASE 22
 AS CONSTRUCTED
 SEWERAGE SUPPLY

| | |
|---------------------------|-------------|
| SHEET 7 OF 10 SHEETS | SCALE 1:250 |
| REVISION DATE 26/06/2023 | REVISION 0 |
| DISCIPLINE CODE C | |
| DRAWING NO. U-2022-4036-7 | |



LEGEND

- MAINTENANCE SHAFT (ø600 LMDPE SMARTSTREAM POOPIT ON ø300 UPVC RISER)
- MAINTENANCE HOLE (ø1050 INSITU CONCRETE)
- LRB LONG RADIUS BEND
- WYE JUNCTION (150x150 WITH 150x100 REDUCER) OR 150x100 REDUCER
- EXISTING MAINTENANCE HOLE/SHAFT
- RETICULATION MAIN (DN150 PVC-U SN8)
- RETICULATION MAIN (DN150 PVC-U CLASS 12)
- HOUSE CONNECTION (DN100 PVC-U SN10)
- EXISTING SEWER MAIN

NOTE:
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CERTIFICATION FOR

RPEQ Signature: [Signature] RPEQ No. 23875 Date: 18-07-2023

For and on behalf of EGIS CONSULTING PTY LTD.

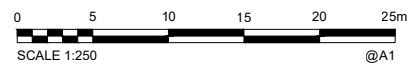
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Certification for Stages HARMONY RELEASE 22 (stage no.) by [Signature] on 17/07/23 (date)

for RPS AAP Consulting Pty Ltd



AS CONSTRUCTED

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| | | |

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Telephone 07 5314 2520
Facsimile 07 5314 2522



Unitywater

20210207750
HARMONY RELEASE 22
AS CONSTRUCTED
SEWERAGE SUPPLY

| | |
|---------------------------|-------------|
| SHEET 8 OF 10 SHEETS | SCALE 1:250 |
| REVISION DATE 26/06/2023 | REVISION 0 |
| DISCIPLINE CODE C | |
| DRAWING NO. U-2022-4036-8 | |



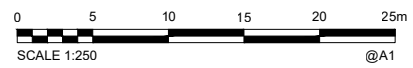
LEGEND

- MAINTENANCE SHAFT (ø600 LMDPE SMARTSTREAM POOPIT ON ø300 UPVC RISER)
- MAINTENANCE HOLE (ø1050 INSITU CONCRETE)
- LONG RADIUS BEND
- WYE JUNCTION (150x150 WITH 150x100 REDUCER) OR 150x100 REDUCER
- EXISTING MAINTENANCE HOLE/SHAFT
- RETICULATION MAIN (DN150 PVC-U SN8)
- RETICULATION MAIN (DN150 PVC-U CLASS 12)
- HOUSE CONNECTION (DN100 PVC-U SN10)
- EXISTING SEWER MAIN

NOTE:
 REFER TO SEQ-SEW-1104-1 FOR TYPICAL HOUSE CONNECTION DETAILS ON DUAL HOUSE CONNECTIONS

I, **Jarrold Hill** being a Cadastral Surveyor and duly authorised representative of RPS AAP Consulting Pty Ltd
 hereby:-
 • certify the information contained in this drawing is an accurate "as-constructed" representation of the works.
 • accept responsibility for the location of the "as-constructed" information contained in this drawing.
 • acknowledge the "as-constructed" information contained in the drawing may be relied on by Council and others.
 Certification for Stages HARMONY RELEASE 22 by *J Hill* on 17/07/23
 (stage no.) (signature) (date)
 for RPS AAP Consulting Pty Ltd

ENGINEERS CERTIFICATION
 Daniel Gibson hereby certify that:
 1. The information contained in this drawing / document is in compliance with approved drawings and design.
 2. The new water and sewerage works defined by this drawing have been designed and constructed in accordance with the SEQ code.
 3. This represents an accurate record of as-constructed works.
 4. I accept responsibility for the information contained in this drawing / document. In accepting this responsibility we have relied upon information provided by others.
 CERTIFICATION FOR HARMONY RELEASE 22
 RPEQ Signature: *D Gibson* RPEQ No. 23875 Date: 18-07-2023
 For and on behalf of EGIS CONSULTING PTY LTD.



AS CONSTRUCTED

| | | | | | | | | | |
|----|-------|------------|------------------------|-------|---------|--------|----------|------|--|
| A1 | 0 | 26/06/2023 | AS CONSTRUCTED DETAILS | LG | BS | | | | |
| | INDEX | DATE | REVISIONS | DRAWN | CHECKED | PASSED | INITIALS | DATE | |

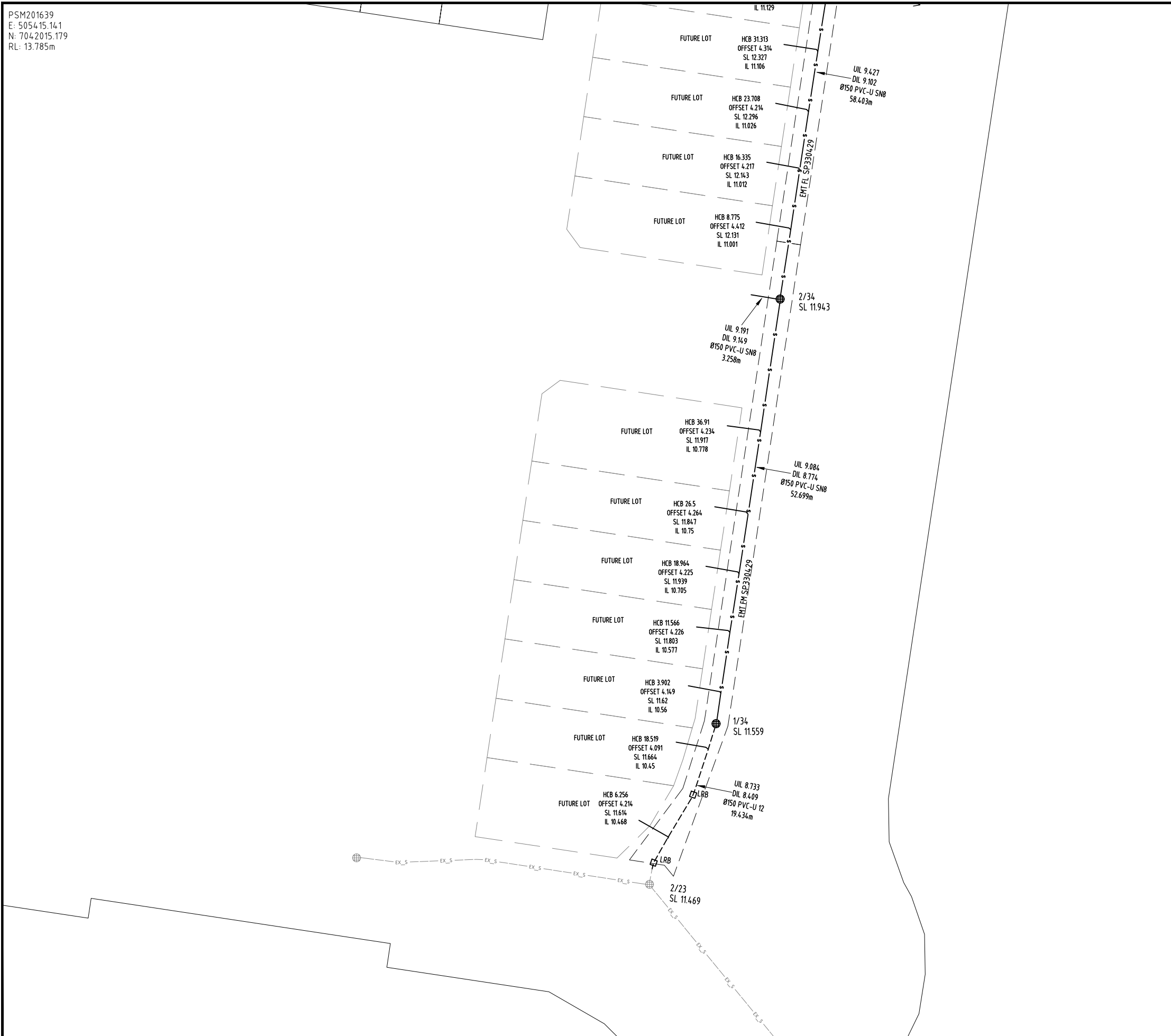
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| DRAWN | LG | 26/06/2023 |
| CHECKED | BS | 26/06/2023 |
| PASSED | | |



Unitywater
 20210207750
 HARMONY RELEASE 22
 AS CONSTRUCTED
 SEWERAGE SUPPLY

| | |
|---------------------------|-------------|
| SHEET 9 OF 10 SHEETS | SCALE 1:250 |
| REVISION DATE 26/06/2023 | REVISION 0 |
| DISCIPLINE CODE C | |
| DRAWING NO. U-2022-4036-9 | |

PSM201639
 E: 5054.15.141
 N: 7042015.179
 RL: 13.785m



LEGEND

- MAINTENANCE SHAFT (Ø600 LMDPE SMARTSTREAM POOPIT ON Ø300 UPVC RISER)
- MAINTENANCE HOLE (Ø1050 INSITU CONCRETE)
- LONG RADIUS BEND
- WYE JUNCTION (150x150 WITH 150x100 REDUCER) OR 150x100 REDUCER
- EXISTING MAINTENANCE HOLE/SHAFT
- RETICULATION MAIN (DN150 PVC-U SN8)
- RETICULATION MAIN (DN150 PVC-U CLASS 12)
- HOUSE CONNECTION (DN100 PVC-U SN10)
- EXISTING SEWER MAIN

NOTE:
 REFER TO SEQ-SEW-1104-1 FOR TYPICAL HOUSE CONNECTION DETAILS ON DUAL HOUSE CONNECTIONS

I, **Jarrod Hill** being a Cadastral Surveyor and duly authorised representative of RPS AAP Consulting Pty Ltd
 hereby :-
 • certify the information contained in this drawing is an accurate "as-constructed" representation of the works.
 • accept responsibility for the location of the "as-constructed" information contained in this drawing.
 • acknowledge the "as-constructed" information contained in the drawing may be relied on by Council and others.

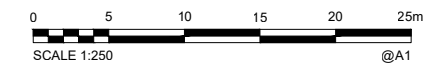
Certification for Stages **HARMONY RELEASE 22** by *J Hill* on **17/07/23**
 (stage no.) (signature) (date)

for RPS AAP Consulting Pty Ltd

Daniel Gibson ENGINEERS CERTIFICATION
 I, **Daniel Gibson** hereby certify that:
 1. The information contained in this drawing / document is in compliance with approved drawings and design.
 2. The new water and sewerage works defined by this drawing have been designed and constructed in accordance with the SEQ code.
 3. This represents an accurate record of as-constructed works.
 4. I accept responsibility for the information contained in this drawing / document. In accepting this responsibility we have relied upon information provided by others.

CERTIFICATION FOR **HARMONY RELEASE 22**

RPEQ Signature *D Gibson* RPEQ No. **23875** Date **18-07-2023**
 For and on behalf of EGIS CONSULTING PTY LTD.



AS CONSTRUCTED

| | | | | | | | | | |
|-----------|-------|------------|------------------------|-------|---------|--------|----------|------|--|
| A1 | 0 | 26/06/2023 | AS CONSTRUCTED DETAILS | LG | BS | | | | |
| | INDEX | DATE | REVISIONS | DRAWN | CHECKED | PASSED | INITIALS | DATE | |

| | | |
|---------|----|------------|
| DRAWN | LG | 26/06/2023 |
| CHECKED | BS | 26/06/2023 |
| PASSED | | |

egis EGIS CONSULTING Pty Ltd
 Level 4, Unit 401, 8 Market Lane,
 Maroochydore, QLD 4558
 Telephone 07 5314 2520
 Facsimile 07 5314 2522



Unitywater
 202102077750
 HARMONY RELEASE 22
 AS CONSTRUCTED
 SEWERAGE SUPPLY

| | |
|----------------------------|-------------|
| SHEET 10 OF 10 SHEETS | SCALE 1:250 |
| REVISION DATE 26/06/2023 | REVISION 0 |
| DISCIPLINE CODE C | |
| DRAWING NO. U-2022-4036-10 | |