

UNITYWATER PROJECT NUMBER 2021017900S1 HARMONY ESTATE RELEASE 20 SEWER AND WATER RETICULATION



DRAWING INDEX	
DRAWING NUMBER	DESCRIPTION
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U-2021-3802-12	WATER AS CONSTRUCTED PLAN 12 OF 13
U-2021-3802-13	WATER AS CONSTRUCTED PLAN 13 OF 13

Matthew Flanigan ENGINEERS CERTIFICATION
I hereby certify that:
1. The information contained in this drawing / document is in compliance with approved drawings and design.
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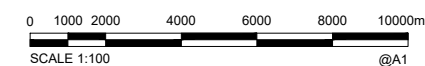
CERTIFICATION FOR HARMONY RELEASE 20

RPEQ Signature *[Signature]* RPEQ No. **22377** Date **03-06-2022**
For and on behalf of CALIBRE PROFESSIONAL SERVICES PTY LTD.

I, Jeremy Scriven being a Cadastral Surveyor and duly authorised representative of RPS Australia East Pty. Ltd.
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Certification for Stages **HARMONY RELEASE 20** by *[Signature]* on **30/05/2022**
(stage no.) (signature) (date)
for RPS Australia East 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

A1	0	08/04/2022	AS CONSTRUCTED DETAILS	BAS	JM							 Calibre Professional Services Pty Ltd Level 4, Unit 401, 8 Market Lane, Maroochydore, QLD 4558 Telephone 07 5314 2500 Facsimile 07 5314 2522 © calibregroup.com	 Unitywater 2021017900S1 AS-CONSTRUCTED SEWERAGE AND WATER SUPPLY HARMONY RELEASE 20	SHEET 1 OF 13 SHEETS	SCALE 1:100
	INDEX	DATE	REVISIONS	DRAWN	CHECKED	PASSED	INITIALS	DATE	REVISION DATE	REVISION	DISCIPLINE CODE			DRAWING NO.	

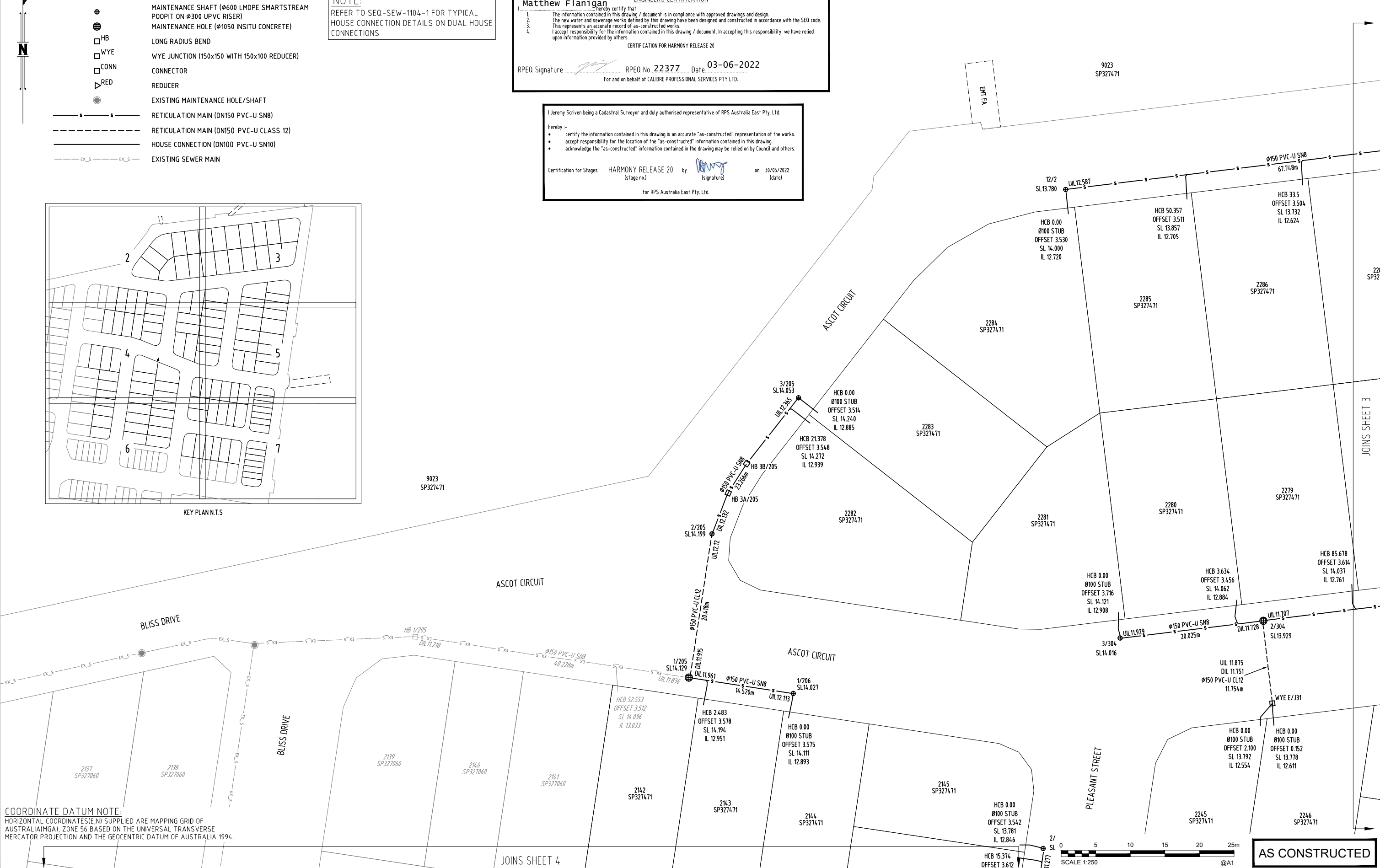
LEGEND

- ⊙ MAINTENANCE SHAFT (Ø600 LMDPE SMARTSTREAM POOPIT ON Ø300 UPVC RISER)
- ⊕ MAINTENANCE HOLE (Ø1050 INSITU CONCRETE)
- HB LONG RADIUS BEND
- WYE WYE JUNCTION (150x150 WITH 150x100 REDUCER)
- CONN CONNECTOR
- ▷ RED 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

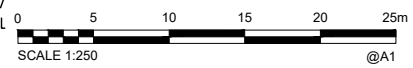
NOTE:
REFER TO SEQ-SEW-1104-1 FOR TYPICAL HOUSE CONNECTION DETAILS ON DUAL HOUSE CONNECTIONS

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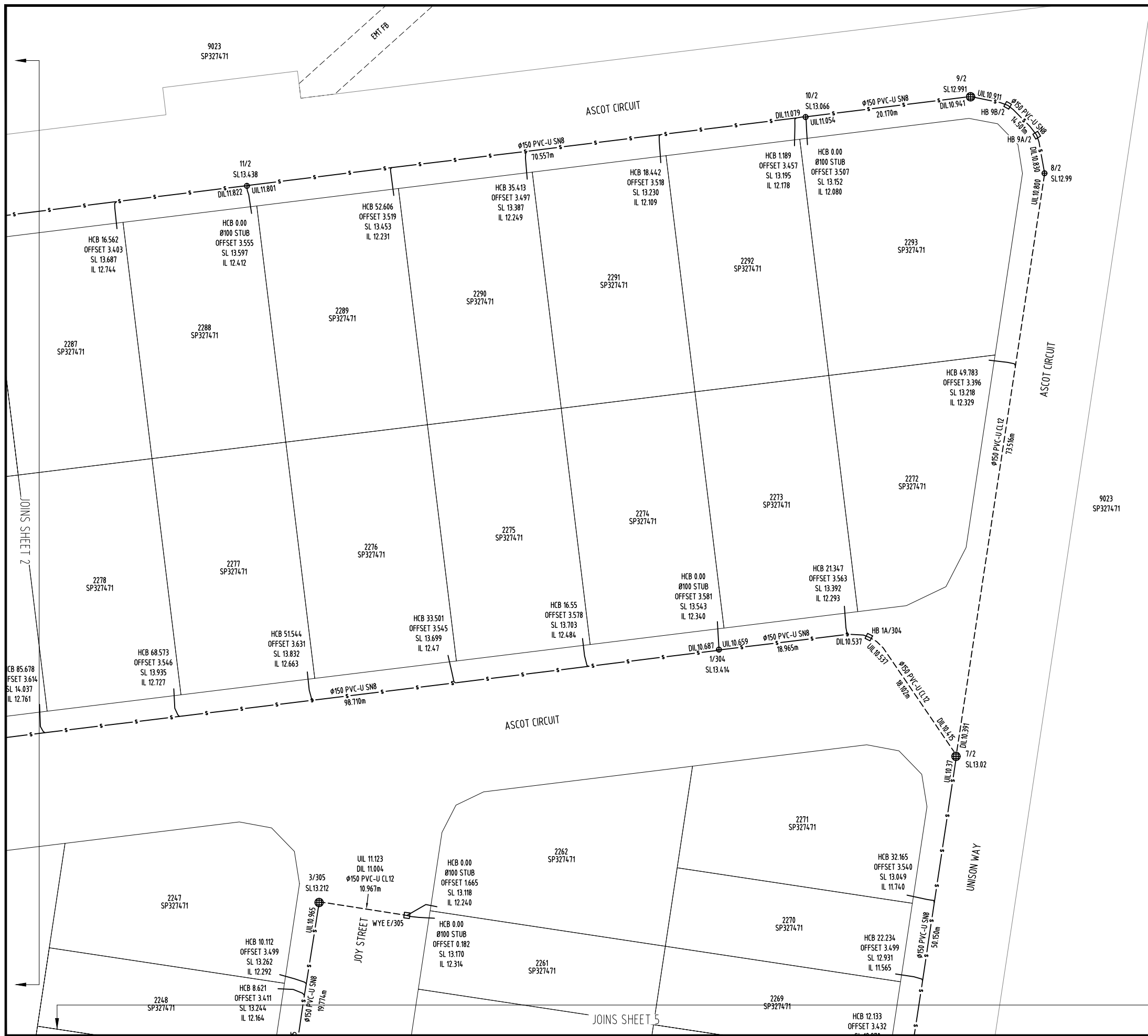
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Calibre Professional Services Pty Ltd
 Level 4, Unit 401, 8 Market Lane,
 Maroochydore, QLD 4558
 Telephone 07 5314 2520
 Facsimile 07 5314 2522
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Unitywater
 2021017900S1
 AS-CONSTRUCTED
 SEWERAGE RETICULATION
 HARMONY RELEASE 20

SHEET 2 OF 13 SHEETS	SCALE 1:250
REVISION DATE 08/04/2022	REVISION 0
DISCIPLINE CODE C	
DRAWING NO. U-2021-3802	



LEGEND

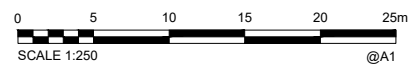
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- CONN
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- RETICULATION MAIN (DN150 PVC-U SN8)
- - - RETICULATION MAIN (DN150 PVC-U CLASS 12)
- EX-S — EX-S HOUSE CONNECTION (DN100 PVC-U SN10)
- EX-S — EXISTING SEWER MAIN

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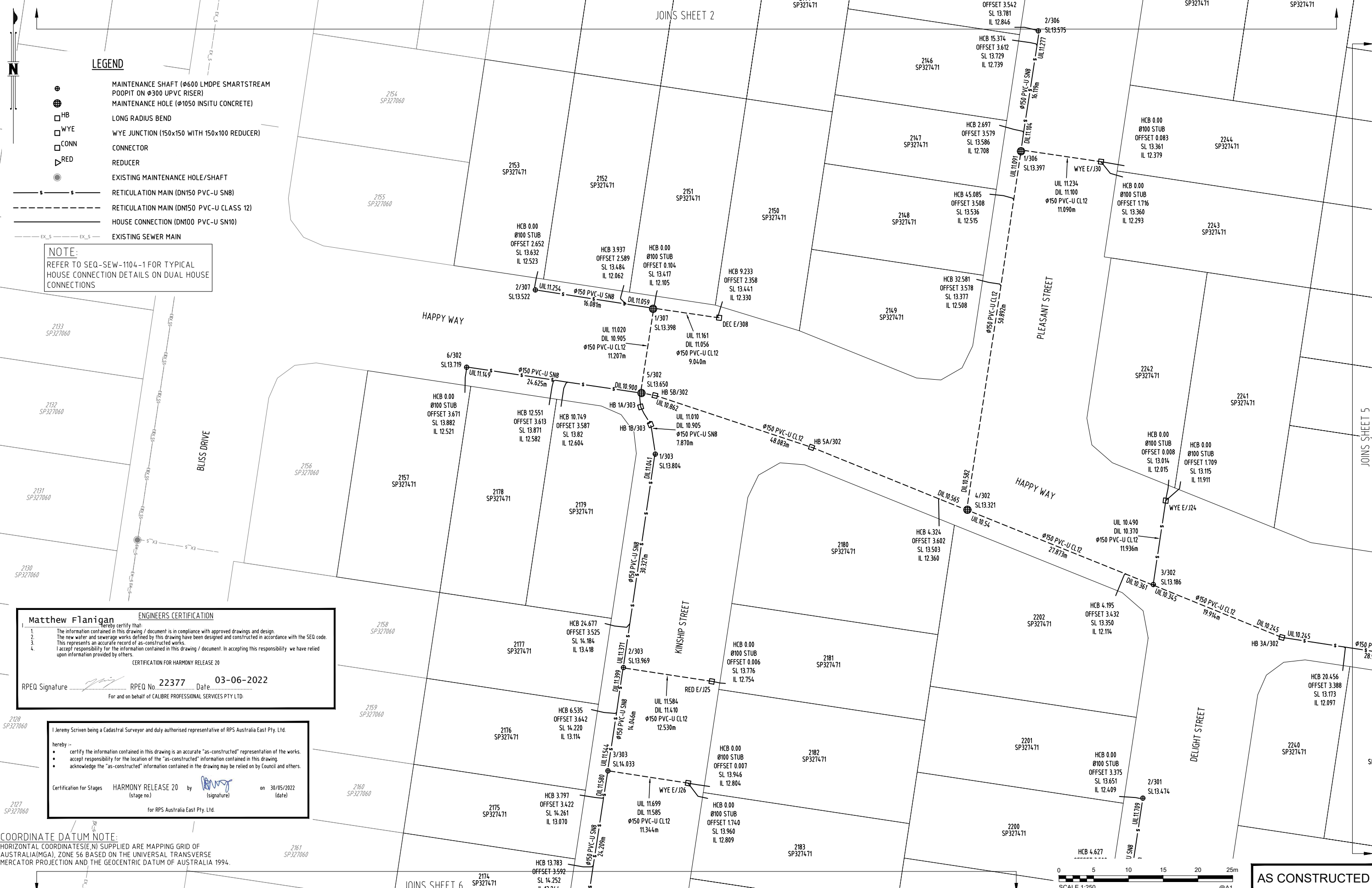
Calibre Professional Services Pty Ltd
 Level 4, Unit 401, 8 Market Lane,
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 Telephone 07 5314 2520
 Facsimile 07 5314 2522

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Unitywater

2021017900S1
 AS-CONSTRUCTED
 SEWERAGE RETICULATION
 HARMONY RELEASE 20

SHEET 3 OF 13 SHEETS	SCALE 1:250
REVISION DATE 08/04/2022	REVISION 0
DISCIPLINE CODE C	
DRAWING NO. U-2021-3802	



LEGEND

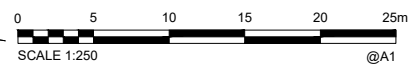
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- WYE
- WYE JUNCTION (150x150 WITH 150x100 REDUCER)
- CONNECTOR
- REDUCER
- EXISTING MAINTENANCE HOLE/SHAFT
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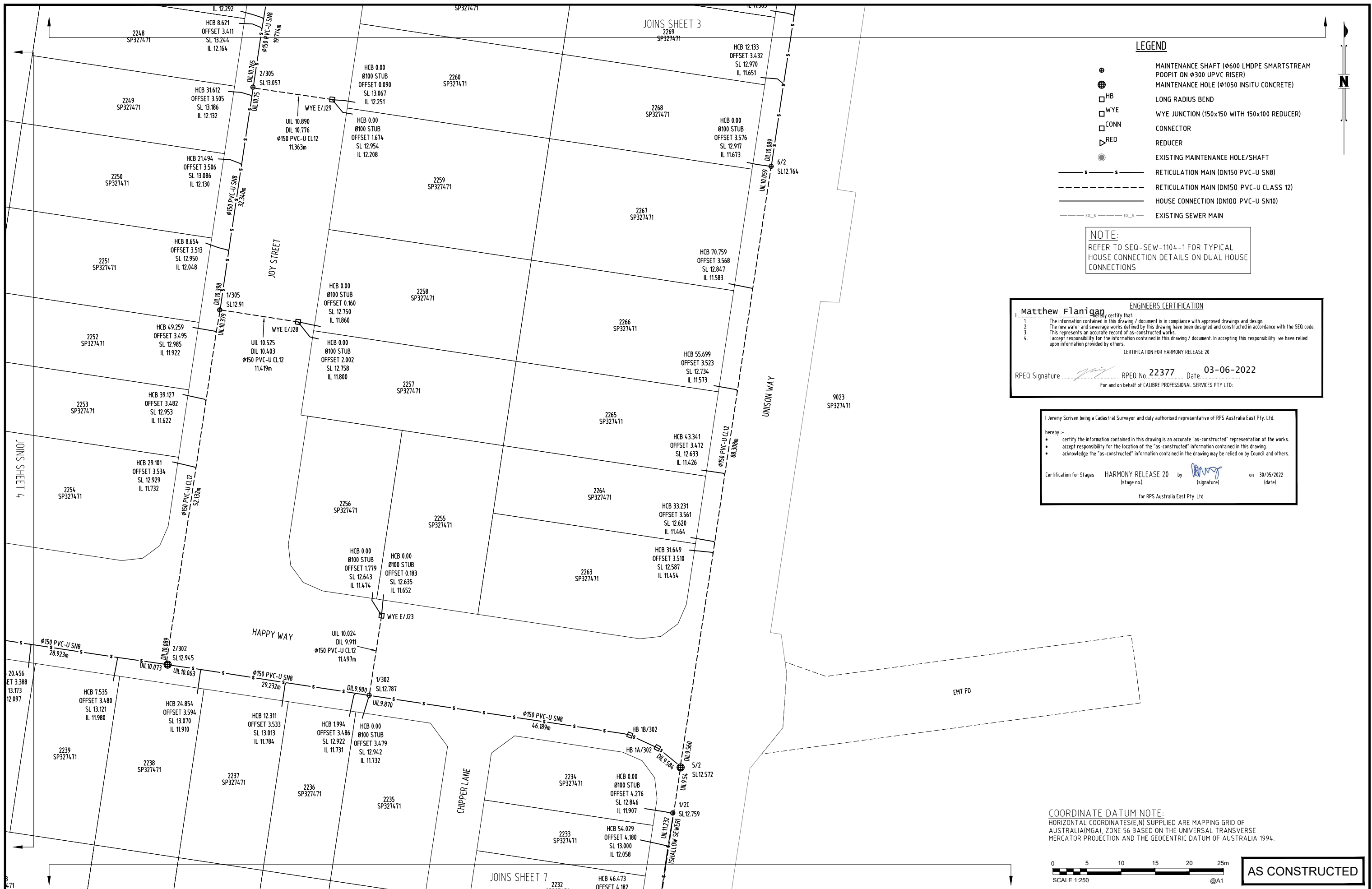
Calibre Professional Services Pty Ltd
 Level 4, Unit 401, 8 Market Lane,
 Maroochydore, QLD 4558
 Telephone 07 5314 2520
 Facsimile 07 5314 2522

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 AS-CONSTRUCTED
 SEWERAGE RETICULATION
 HARMONY RELEASE 20

SHEET 4 OF 13 SHEETS	SCALE 1:250
REVISION DATE 08/04/2022	REVISION 0
DISCIPLINE CODE C	
DRAWING NO. U-2021-3802	



LEGEND

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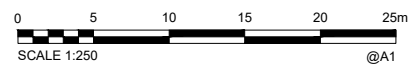
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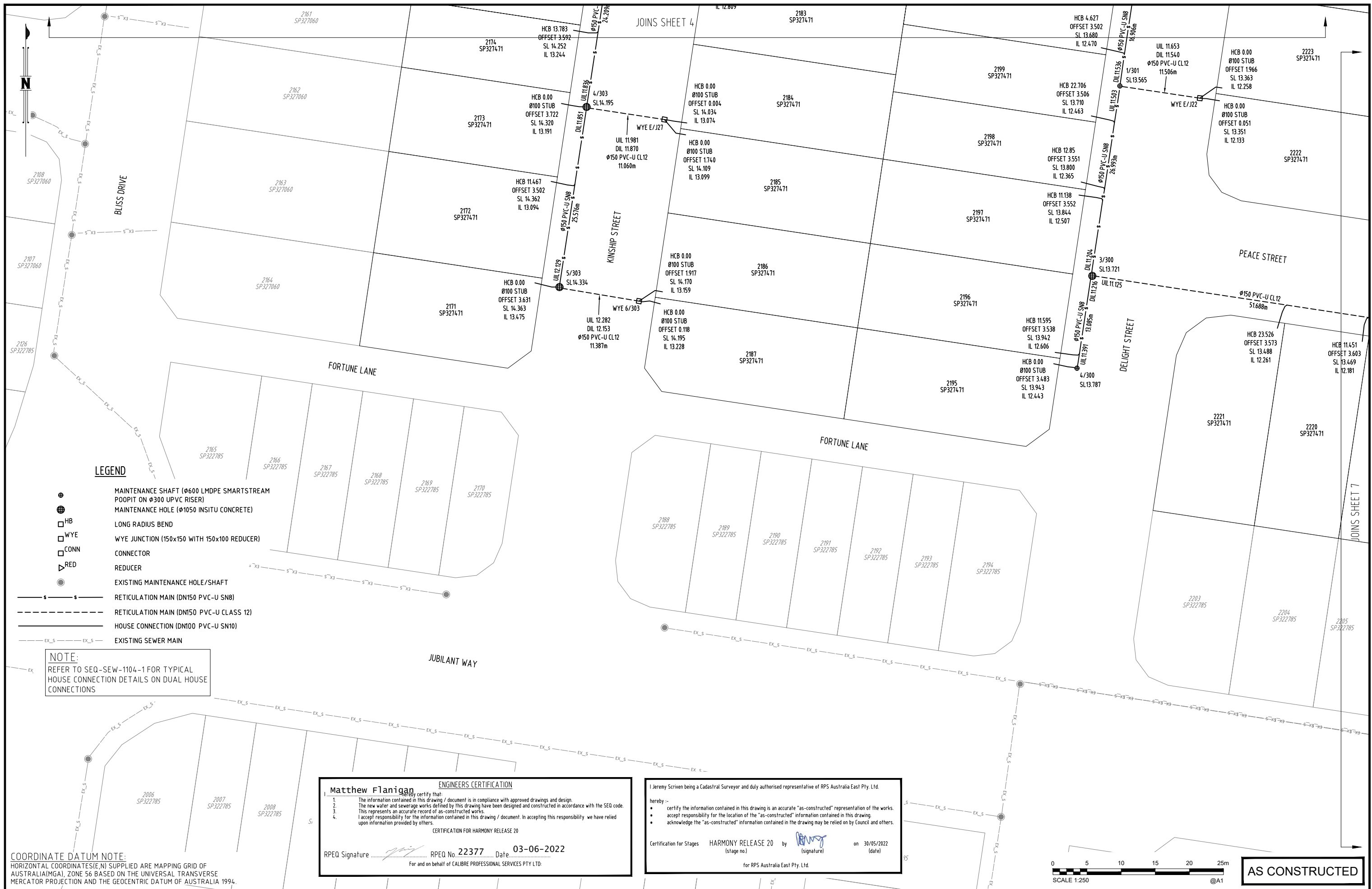
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	INDEX	DATE	REVISIONS	DRAWN	CHECKED	PASSED	INITIALS	DATE	

DRAWN	BAS	08/04/2022
CHECKED	JM	08/04/2022
PASSED		



Unitywater
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 AS-CONSTRUCTED
 SEWERAGE RETICULATION
 HARMONY RELEASE 20

SHEET 5 OF 13 SHEETS	SCALE 1:250
REVISION DATE 08/04/2022	REVISION 0
DISCIPLINE CODE C	
DRAWING NO. U-2021-3802	



LEGEND

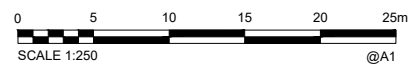
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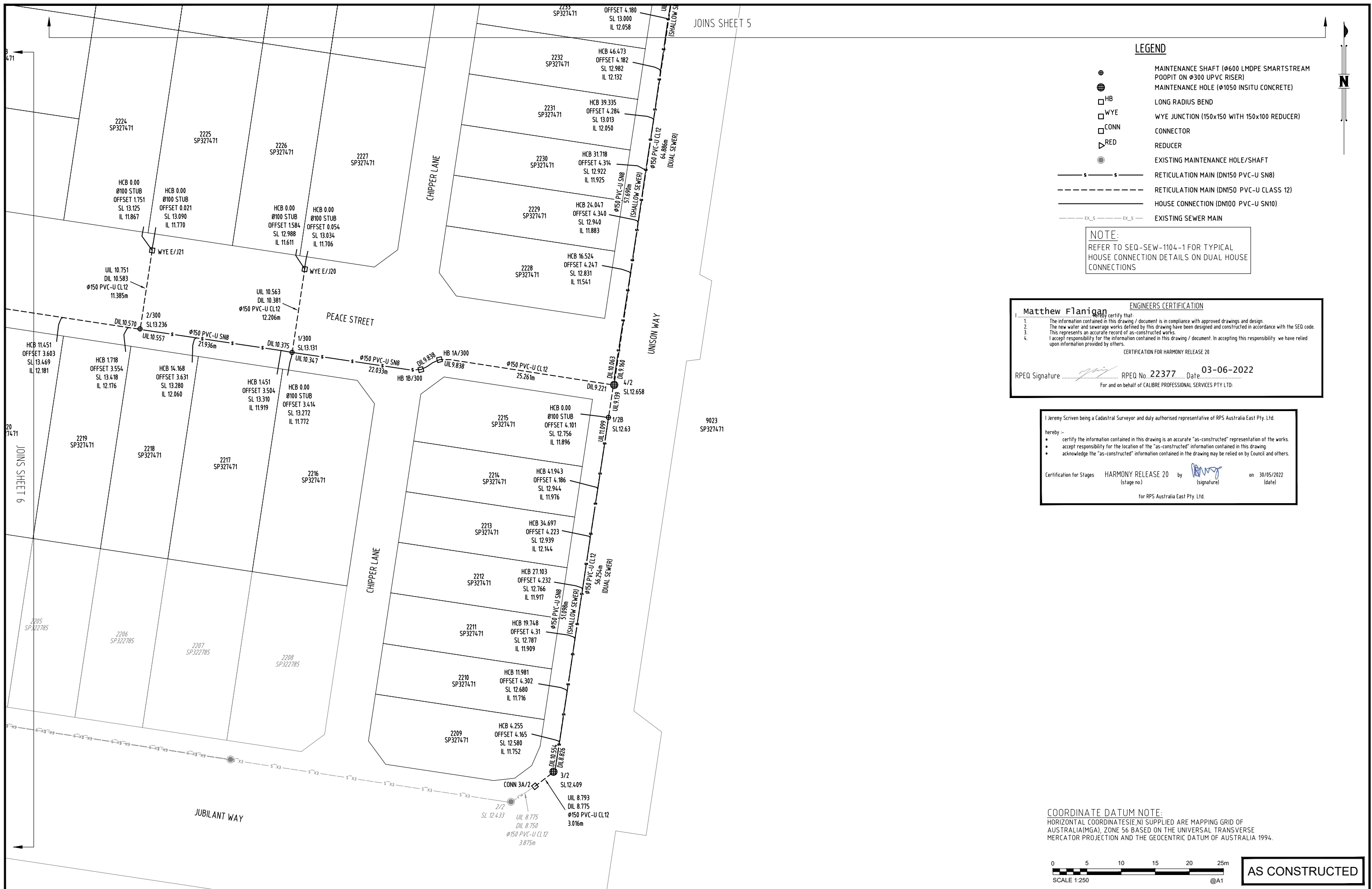
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Unitywater
2021017900S1
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SEWERAGE RETICULATION
HARMONY RELEASE 20

SHEET 6 OF 13 SHEETS	SCALE 1:250
REVISION DATE 08/04/2022	REVISION 0
DISCIPLINE CODE C	
DRAWING NO. U-2021-3802	



JOINS SHEET 5

LEGEND

- MAINTENANCE SHAFT (ø600 LMDPE SMARTSTREAM POOPIT ON ø300 UPVC RISER)
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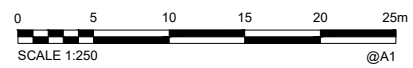
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Unitywater

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SHEET 7 OF 13 SHEETS	SCALE 1:250
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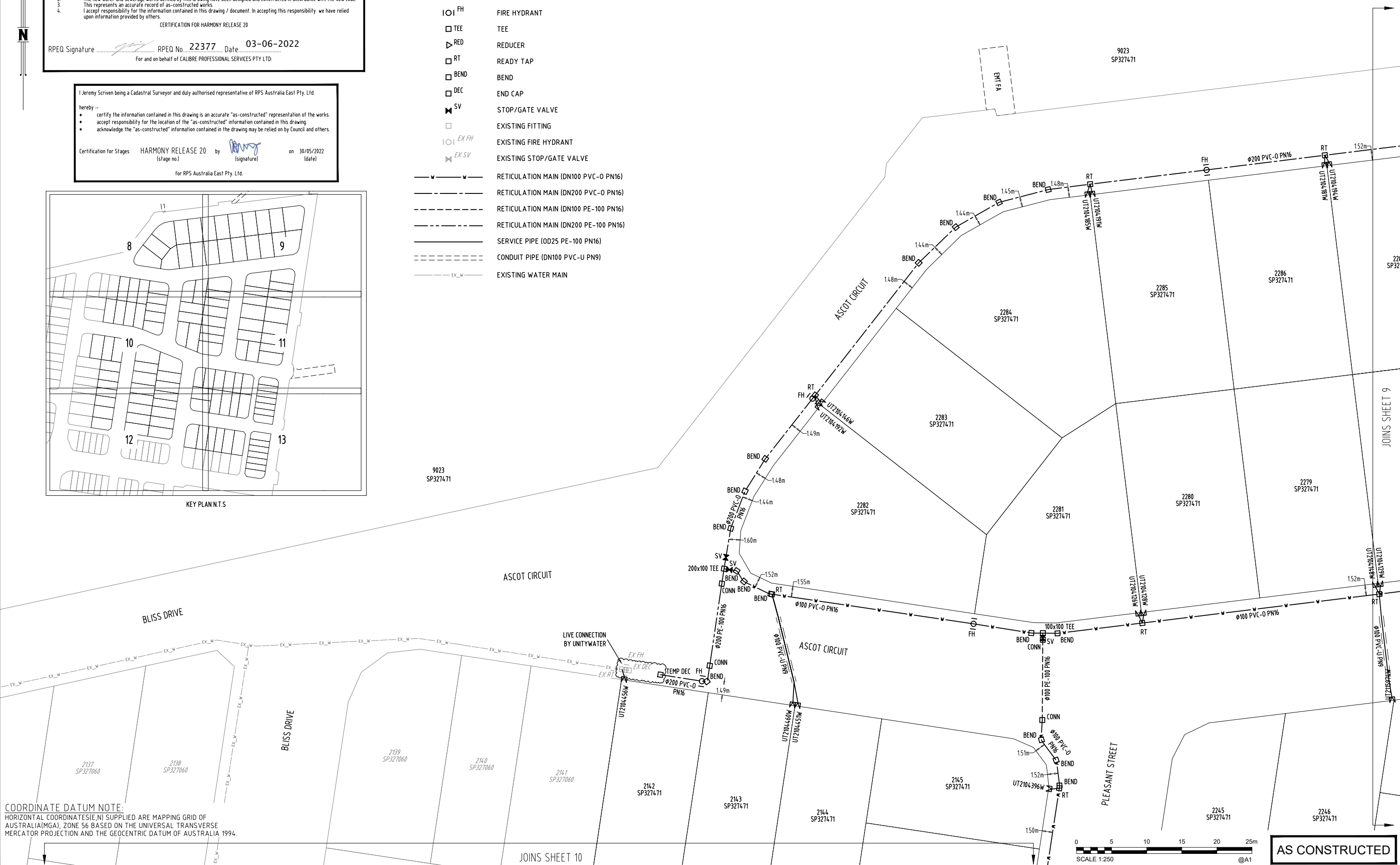


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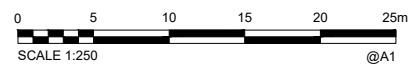
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LEGEND

- M WATER METER - 20mm ITRON
- IO FH FIRE HYDRANT
- TEE
- ▷ REDUCER
- RT READY TAP
- BEND
- DEC END CAP
- SV STOP/GATE VALVE
- EXISTING FITTING
- IO EX FH EXISTING FIRE HYDRANT
- SV EX SV EXISTING STOP/GATE VALVE
- RETICULATION MAIN (DN100 PVC-0 PN16)
- RETICULATION MAIN (DN200 PVC-0 PN16)
- RETICULATION MAIN (DN100 PE-100 PN16)
- RETICULATION MAIN (DN200 PE-100 PN16)
- SERVICE PIPE (OD25 PE-100 PN16)
- CONDUIT PIPE (DN100 PVC-U PN9)
- EX W EXISTING WATER MAIN



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REVISION DATE 08/04/2022	REVISION 0
DISCIPLINE CODE C	
DRAWING NO. U-2021-3802	



LEGEND

	WATER METER - 20mm ITRON
	FIRE HYDRANT
	TEE
	REDUCER
	READY TAP
	BEND
	END CAP
	STOP/GATE VALVE
	EXISTING FITTING
	EXISTING FIRE HYDRANT
	EXISTING STOP/GATE VALVE
	RETICULATION MAIN (DN100 PVC-U PN16)
	RETICULATION MAIN (DN200 PVC-U PN16)
	RETICULATION MAIN (DN100 PE-100 PN16)
	RETICULATION MAIN (DN200 PE-100 PN16)
	SERVICE PIPE (OD25 PE-100 PN16)
	CONDUIT PIPE (DN100 PVC-U PN9)
	EXISTING WATER MAIN

Matthew Flanigan ENGINEERS CERTIFICATION

I 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 20

RPEQ Signature: *[Signature]* RPEQ No. 22377 Date: 03-06-2022

For and on behalf of CALIBRE PROFESSIONAL SERVICES PTY LTD.

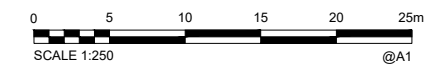
I, Jeremy Scriven being a Cadastral Surveyor and duly authorised representative of RPS Australia East Pty. Ltd. hereby:-

- 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 20 by *[Signature]* on 30/05/2022
 (stage no.) (signature) (date)

for RPS Australia East 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

A1	0	08/04/2022	AS-CONSTRUCTED DETAILS	BAS	JM				
	INDEX	DATE	REVISIONS	DRAWN	CHECKED	PASSED	INITIALS	DATE	

DRAWN	BAS	08/04/2022
CHECKED	JM	08/04/2022
PASSED		



Unitywater
 2021017900S1
 AS-CONSTRUCTED
 WATER SUPPLY RETICULATION
 HARMONY RELEASE 20

SHEET 11 OF 13 SHEETS	SCALE 1:250
REVISION DATE 08/04/2022	REVISION 0
DISCIPLINE CODE C	
DRAWING NO. U-2021-3802	

