



UNITYWATER PROJECT NUMBER 21-000078.1

MARKET DRIVE, CABOOLTURE SOUTH

DN160 & DN250/DN150 SEWER/WATER MAIN



DRAWING INDEX	
DRAWING NUMBER	DESCRIPTION
U-2022-3974 Sheet 1	LOCALITY PLAN AND DRAWING INDEX
U-2022-3974 Sheet 2	SEWER RETICULATION
U-2022-3974 Sheet 3	SEWER RETICULATION
U-2022-3974 Sheet 4	WATER RETICULATION
U-2022-3974 Sheet 5	WATER RETICULATION

ENGINEER'S CERTIFICATION

mahdi ferasat

I, mahdi ferasat, hereby certify that:

- The information contained in this drawing / document is in compliance with approved drawings and design.
- The new water and sewerage works defined by this drawing have been designed and constructed in accordance with the SCS Code.
- This represents an accurate record of as-constructed works.
- I accept responsibility for the information contained in this drawing / document.

mahdi ferasat
 RPEQ (signature) RPEQ No. 21992 Date: 16-03-2023

REGISTERED SURVEYOR'S CERTIFICATION

I, Andrew Robert Thurston, hereby certify that the vertical and horizontal locations and dimensions shown on this plan are a true and correct record and were located by survey.

Registered Surveyor (sig) Reg. Surveyor No. 63947 Date: 14.03.2023

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	INDEX	DATE	REVISIONS	DRAWN	CHECKED	PASSED	INITIALS	DATE
	D	14.03.2023	AS CONSTRUCTED - SEWER UPDATES	JC	AD	ART		
C	23.02.2023	AS CONSTRUCTED SEWER HC SURFACE LEVELS UPDATED	JC	AD	ART	DRAWN	JC	14.03.2023
B	02.02.2023	AS CONSTRUCTED UPDATED SEWER LEVELS	JC	AD	ART	CHECKED	AD	14.03.2023
A	17.01.2023	AS CONSTRUCTED	JC	AD	ART	PASSED	ART	14.03.2023



Unitywater

20150035RIS24
 RIVERBANK
 WATERSIDE ESPLANADE
 COVER SHEET

SHEET 1 OF 5 SHEETS	SCALE
REVISION DATE 14.03.2023	REVISION D
DISCIPLINE CODE C	
DRAWING NO U-2022-3974	

PSM 191027
E: 495937.616
N: 7003052.339
RL: 8.767m

ENGINEER'S CERTIFICATION

maladi farasat 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 SCD Code.
3. This represents an accurate record of as-constructed works.
4. I accept responsibility for the information contained in this drawing / document.

maladi farasat
RPEQ (signature) RPEQ No. 21992 Date: 16-03-2023

REGISTERED SURVEYOR'S CERTIFICATION

I, Andrew Robert Thurston, hereby certify that the vertical and horizontal locations and dimensions shown on this plan are a true and correct record and were located by survey.

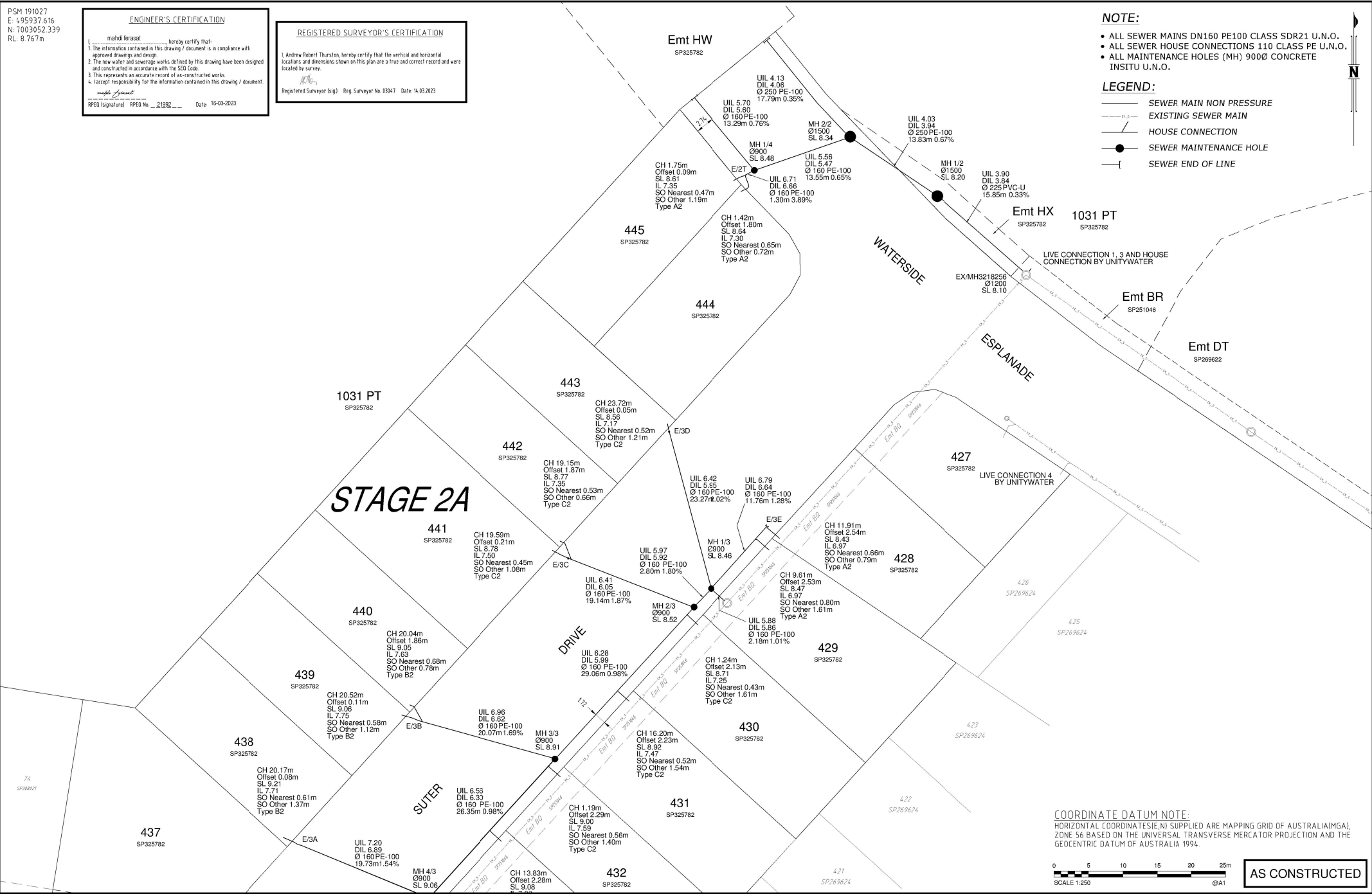
Andrew Thurston
Registered Surveyor (sig) Reg. Surveyor No. 93047 Date: 16.03.2023

NOTE:

- ALL SEWER MAINS DN160 PE100 CLASS SDR21 U.N.O.
- ALL SEWER HOUSE CONNECTIONS 110 CLASS PE U.N.O.
- ALL MAINTENANCE HOLES (MH) 900Ø CONCRETE INSITU U.N.O.

LEGEND:

- SEWER MAIN NON PRESSURE
- - - EXISTING SEWER MAIN
- HOUSE CONNECTION
- SEWER MAINTENANCE HOLE
- SEWER END OF LINE



STAGE 2A

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	D	16.03.2023	AS CONSTRUCTED - SEWER UPDATES	JC	AD	ART		
	C	23.02.2023	AS CONSTRUCTED SEWER HC SURFACE LEVELS UPDATED	JC	AD	ART	DRAWN	JC 14.03.2023
	B	02.02.2023	AS CONSTRUCTED UPDATED SEWER LEVELS	JC	AD	ART	CHECKED	AD 14.03.2023
	A	17.01.2023	AS CONSTRUCTED	JC	AD	ART	PASSED	ART 14.03.2023
	INDEX	DATE	REVISIONS	DRAWN	CHECKED	PASSED	INITIALS	DATE

WOLTER consulting group
 Planning Urban Design Landscapes Environment Surveying
 Brisbane Level 2, 1 Broadbent City Road, Newstead, QLD 4006. Phone: 07 3666 5200



Unitywater
 201500358152A
 RIVERBANK
 WATERSIDE ESPLANADE
 SEWER RETICULATION AS CONSTRUCTED

SHEET 2 OF 5 SHEETS	SCALE 1:250
REVISION DATE 14.03.2023	REVISION D
DISCIPLINE CODE C	
DRAWING NO U-2022-3974	

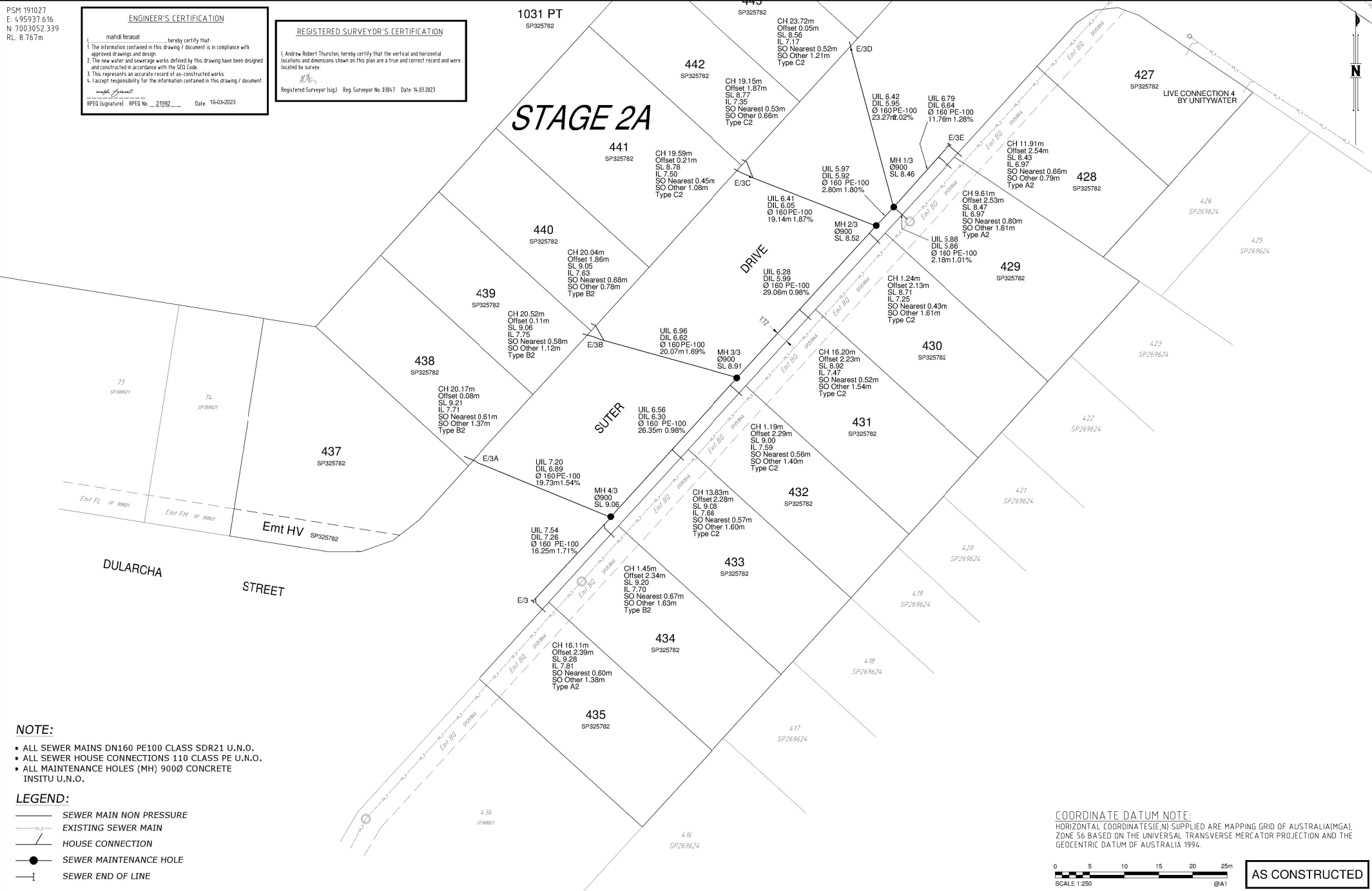
PSM 191027
 E: 495937.616
 N: 7003052.339
 RL: 8.767m

ENGINEER'S CERTIFICATION
 I, mohd ferasat, 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 SD Code.
 3. This represents an accurate record of as-constructed works.
 4. I accept responsibility for the information contained in this drawing / document.
 RPEO (signature) RPEO No. 21992 Date: 16-03-2023

REGISTERED SURVEYOR'S CERTIFICATION
 I, Andrew Robert Thurston, hereby certify that the vertical and horizontal locations and dimensions shown on this plan are a true and correct record and were located by survey.
 Registered Surveyor (sig) Reg. Surveyor No. 93047 Date: 16.03.2023

1031 PT
 SP325782

STAGE 2A



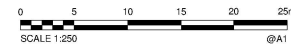
NOTE:

- ALL SEWER MAINS DN160 PE100 CLASS SDR21 U.N.O.
- ALL SEWER HOUSE CONNECTIONS 110 CLASS PE U.N.O.
- ALL MAINTENANCE HOLES (MH) 900Ø CONCRETE INSITU U.N.O.

LEGEND:

- SEWER MAIN NON PRESSURE
- - - EXISTING SEWER MAIN
- HOUSE CONNECTION
- SEWER MAINTENANCE HOLE
- SEWER END OF LINE

COORDINATE DATUM NOTE:
 HORIZONTAL COORDINATES (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	D	14.03.2023	AS CONSTRUCTED - SEWER UPDATES	JC	AD	ART			
	C	23.02.2023	AS CONSTRUCTED SEWER HC SURFACE LEVELS UPDATED	JC	AD	ART	DRAWN	JC	14.03.2023
	B	02.02.2023	AS CONSTRUCTED UPDATED SEWER LEVELS	JC	AD	ART	CHECKED	AD	14.03.2023
	A	17.01.2023	AS CONSTRUCTED	JC	AD	ART	PASSED	ART	14.03.2023
	INDEX	DATE	REVISIONS	DRAWN	CHECKED	PASSED		INITIALS	DATE



Unitywater
 201500358152A
 RIVERBANK
 WATERSIDE ESPLANADE
 SEWER RETICULATION AS CONSTRUCTED

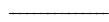

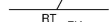

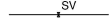



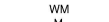
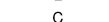
SHEET 3 OF 5 SHEETS	SCALE 1:250
REVISION DATE 14.03.2023	REVISION D
DISCIPLINE CODE C	
DRAWING NO U-2022-3974	

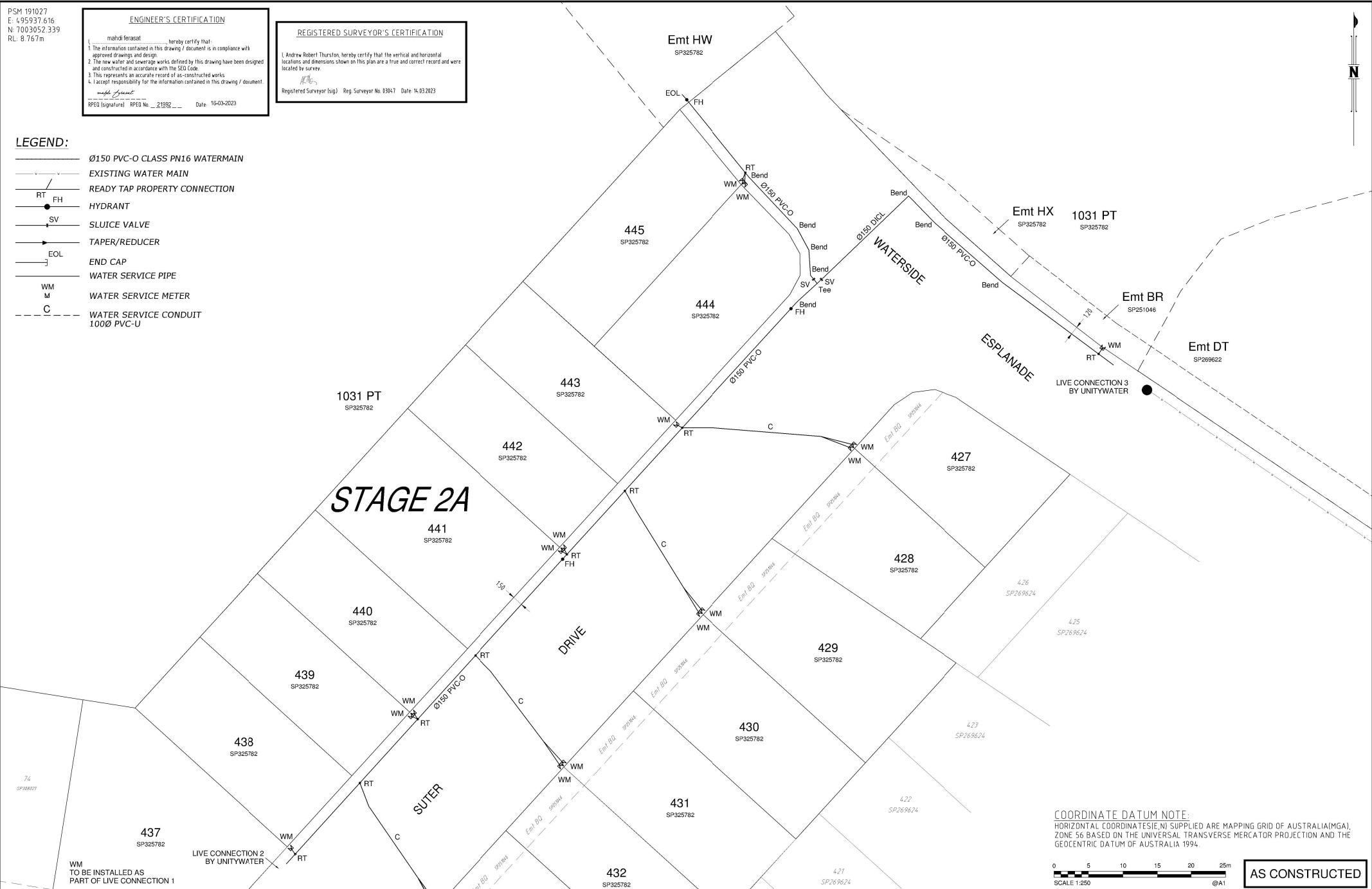
PSM 191027
 E: 495937.616
 N: 7003052.339
 RL: 8.767m

ENGINEER'S CERTIFICATION
 I, mahdi farasat, 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 SCD Code.
 3. This represents an accurate record of as-constructed works.
 4. I accept responsibility for the information contained in this drawing / document.
 mahdi farasat
 RPQE (signature) RPQE No. 21992 Date: 16-03-2023

REGISTERED SURVEYOR'S CERTIFICATION
 I, Andrew Robert Thurston, hereby certify that the vertical and horizontal locations and dimensions shown on this plan are a true and correct record and were obtained by survey.
 Andrew Thurston
 Registered Surveyor (sig) Reg. Surveyor No. 93047 Date: 16.03.2023

LEGEND:

-  Ø150 PVC-O CLASS PN16 WATERMAIN
-  EXISTING WATER MAIN
-  READY TAP PROPERTY CONNECTION
-  HYDRANT
-  SLUICE VALVE
-  TAPER/REDUCER
-  END CAP
-  WATER SERVICE PIPE
-  WATER SERVICE METER
-  WATER SERVICE CONDUIT 100Ø PVC-U



COORDINATE DATUM NOTE:
 HORIZONTAL COORDINATE(S) 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	D	14.03.2023	AS CONSTRUCTED - SEWER UPDATES	JC	AD	ART		
	C	23.02.2023	AS CONSTRUCTED SEWER HC SURFACE LEVELS UPDATED	JC	AD	ART	DRAWN	JC 14.03.2023
	B	02.02.2023	AS CONSTRUCTED UPDATED SEWER LEVELS	JC	AD	ART	CHECKED	AD 14.03.2023
	A	17.01.2023	AS CONSTRUCTED	JC	AD	ART	PASSED	ART 14.03.2023
	INDEX	DATE	REVISIONS	DRAWN	CHECKED	PASSED	INITIALS	DATE

WOLTER consulting group
 Planning Urban Design Landscapes Environment Surveying
 Brisbane Level 2, 1 Breaker Creek Road, Newstead, QLD 4006. Phone: 07 3666 5200



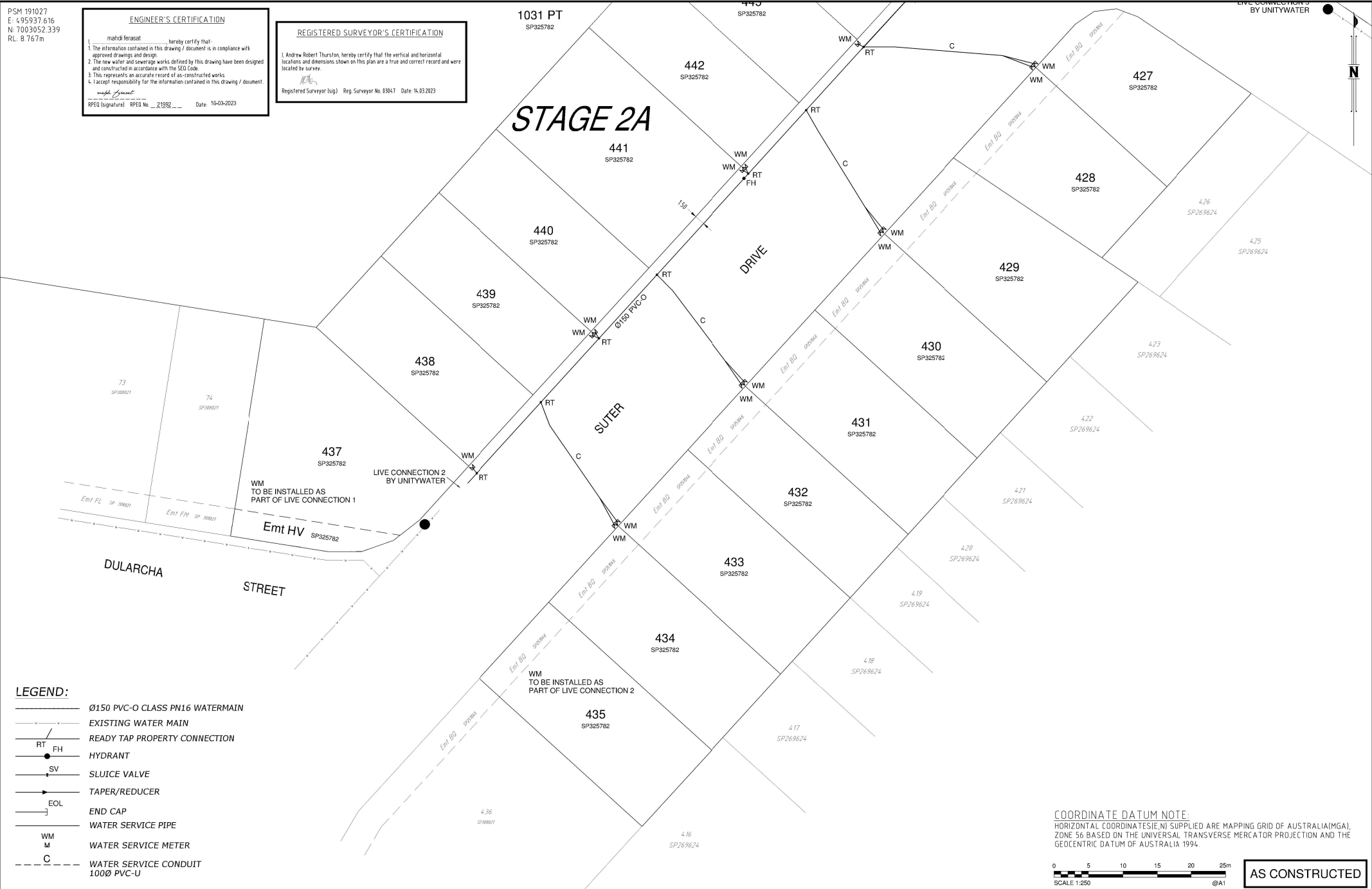
Unitywater
 201500358152A
 RIVERBANK
 WATERSIDE ESPLANADE
 WATER RETICULATION AS CONSTRUCTED

SHEET 4 OF 5 SHEETS	SCALE 1:250
REVISION DATE 14.03.2023	REVISION D
DISCIPLINE CODE C	
DRAWING NO. U-2022-3974	

PSM 191027
 E: 495937.616
 N: 7003052.339
 RL: 8.767m

ENGINEER'S CERTIFICATION
 I, mohd ferasat, 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 SED Code.
 3. This represents an accurate record of as-constructed works.
 4. I accept responsibility for the information contained in this drawing / document.
 mohd ferasat
 RPEQ (signature) RPEQ No. 21992 Date: 16-03-2023

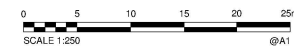
REGISTERED SURVEYOR'S CERTIFICATION
 I, Andrew Robert Thurston, hereby certify that the vertical and horizontal locations and dimensions shown on this plan are a true and correct record and were obtained by survey.
 Andrew Thurston
 Registered Surveyor (sig) Reg. Surveyor No. 93047 Date: 16.03.2023



LEGEND:

- Ø150 PVC-O CLASS PN16 WATERMAIN
- EXISTING WATER MAIN
- READY TAP PROPERTY CONNECTION
- HYDRANT
- SLUICE VALVE
- TAPER/REDUCER
- END CAP
- WATER SERVICE PIPE
- WATER SERVICE METER
- WATER SERVICE CONDUIT 100Ø PVC-U

COORDINATE DATUM NOTE:
 HORIZONTAL COORDINATE(S), 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

INDEX	DATE	REVISIONS	DRAWN	CHECKED	PASSED	INITIALS	DATE
D	14.03.2023	AS CONSTRUCTED - SEWER UPDATES	JC	AD	ART		
C	23.02.2023	AS CONSTRUCTED SEWER HC SURFACE LEVELS UPDATED	JC	AD	ART		
B	02.02.2023	AS CONSTRUCTED UPDATED SEWER LEVELS	JC	AD	ART		
A	17.01.2023	AS CONSTRUCTED	JC	AD	ART		

DRAWN	CHECKED	PASSED	INITIALS	DATE
JC	AD	ART		
JC	AD	ART		14.03.2023
JC	AD	ART		14.03.2023
JC	AD	ART		14.03.2023

WOLTER consulting group
 Planning Urban Design Landscapes Environment Surveying
 Brisbane Level 2, 1 Breakfast Creek Road, Newstead, QLD 4006. Phone: 07 3666 5200



Unitywater
 201500358152A
 RIVERBANK
 WATERSIDE ESPLANADE
 WATER RETICULATION AS CONSTRUCTED

SHEET 5 OF 5 SHEETS	SCALE 1:250
REVISION DATE 14.03.2023	REVISION D
DISCIPLINE CODE C	
DRAWING NO U-2022-3974	

PSM 191027
 E: 495937.616
 N: 7003052.339
 RL: 8.767m

LEGEND:

- STORMWATER LINE
- - - EXISTING STORMWATER LINE
- STORMWATER MANHOLE
- STORMWATER GULLY PIT

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.

Engineers As Constructed Certification

I: mahdi ferasat 21992 (engineers name) (RPEQ number)
 being a certified/registered engineer and duly authorised representative of:
 CALIBRE PROFESSIONAL SERVICES PTY LTD.
 Certification of Stage: 2A by mahdi ferasat, On 14/03/2023 (stage number) (signature) (date)

For: CALIBRE PROFESSIONAL SERVICES PTY LTD.
 (consulting firm or company name)

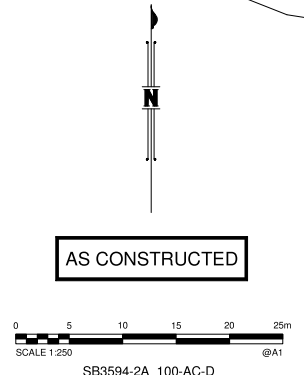
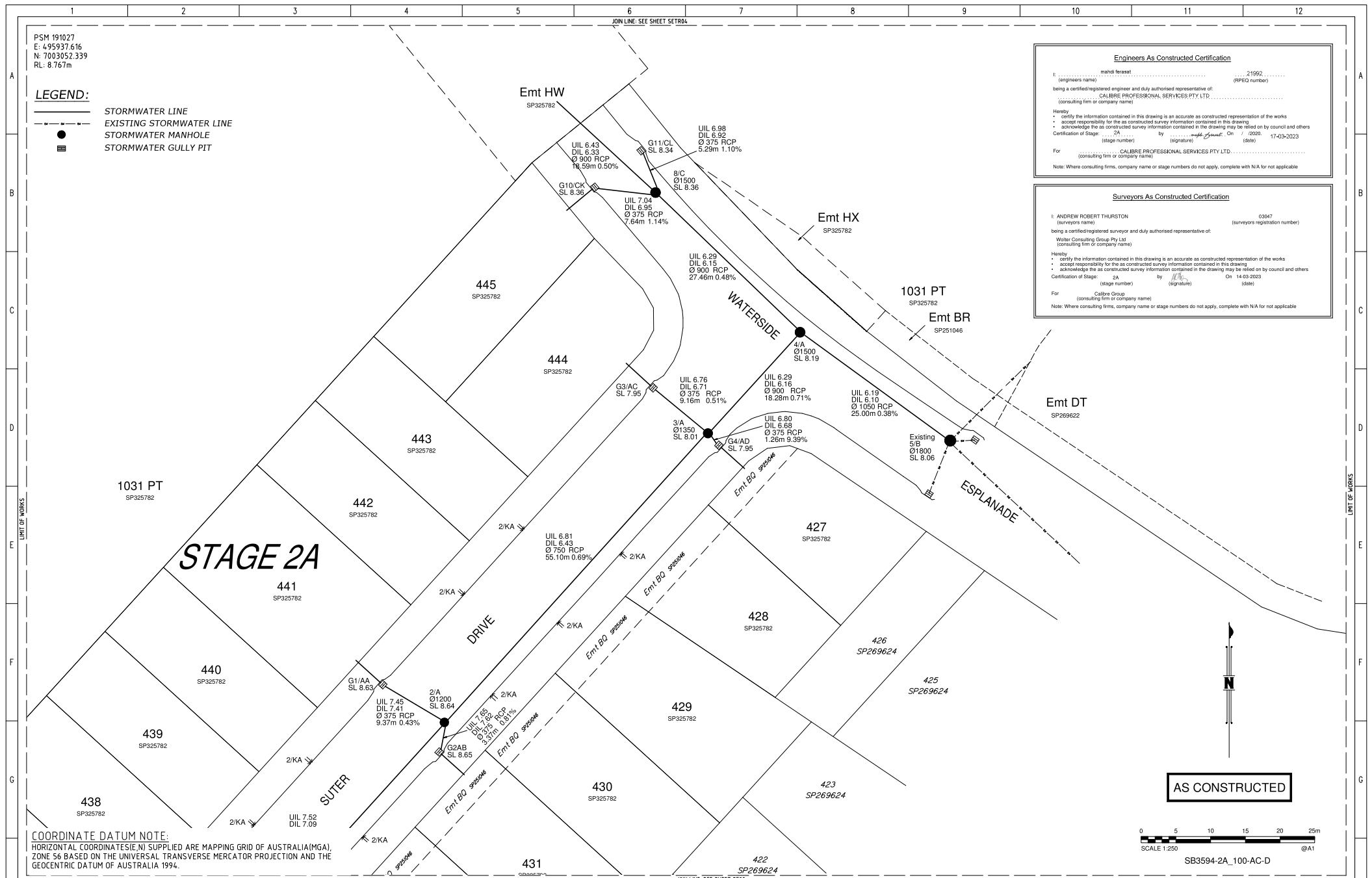
Note: Where consulting firms, company name or stage numbers do not apply, complete with N/A for not applicable

Surveyors As Constructed Certification

I: ANDREW ROBERT THURSTON 03047 (surveyors name) (surveyors registration number)
 being a certified/registered surveyor and duly authorised representative of:
 Walter Consulting Group Pty Ltd
 Certification of Stage: 2A by Andrew Robert Thurston, On 14/03/2023 (stage number) (signature) (date)

For: Walter Consulting Group Pty Ltd
 (consulting firm or company name)

Note: Where consulting firms, company name or stage numbers do not apply, complete with N/A for not applicable



AS CONSTRUCTED

SB3594-2A_100-AC-D

REV.	REVISION DESCRIPTION	DRG. No.	DESCRIPTION
A	AS CONSTRUCTED		
B	AS CONSTRUCTED-ENGINEER UPDATES		
C	AS CONSTRUCTED-SURFACE LEVELS UPDATED		
D	AS CONSTRUCTED-ROOFWATER UPDATED		

DESIGN FILE No.	DESIGNED DATE	DESIGNED BY
CONSTRUCT. No.	DATE	J Cowell
SURVEY FILE No.	DATE	14.03.2023
FIELD BOOK	CHECKED	A Dahm
LOG BOOK	DATE	14.03.2023
LEVEL DATUM	DATE	
DATUM	DATE	

WOLTER consulting group

Planning Urban Design Landscape Environment Surveying

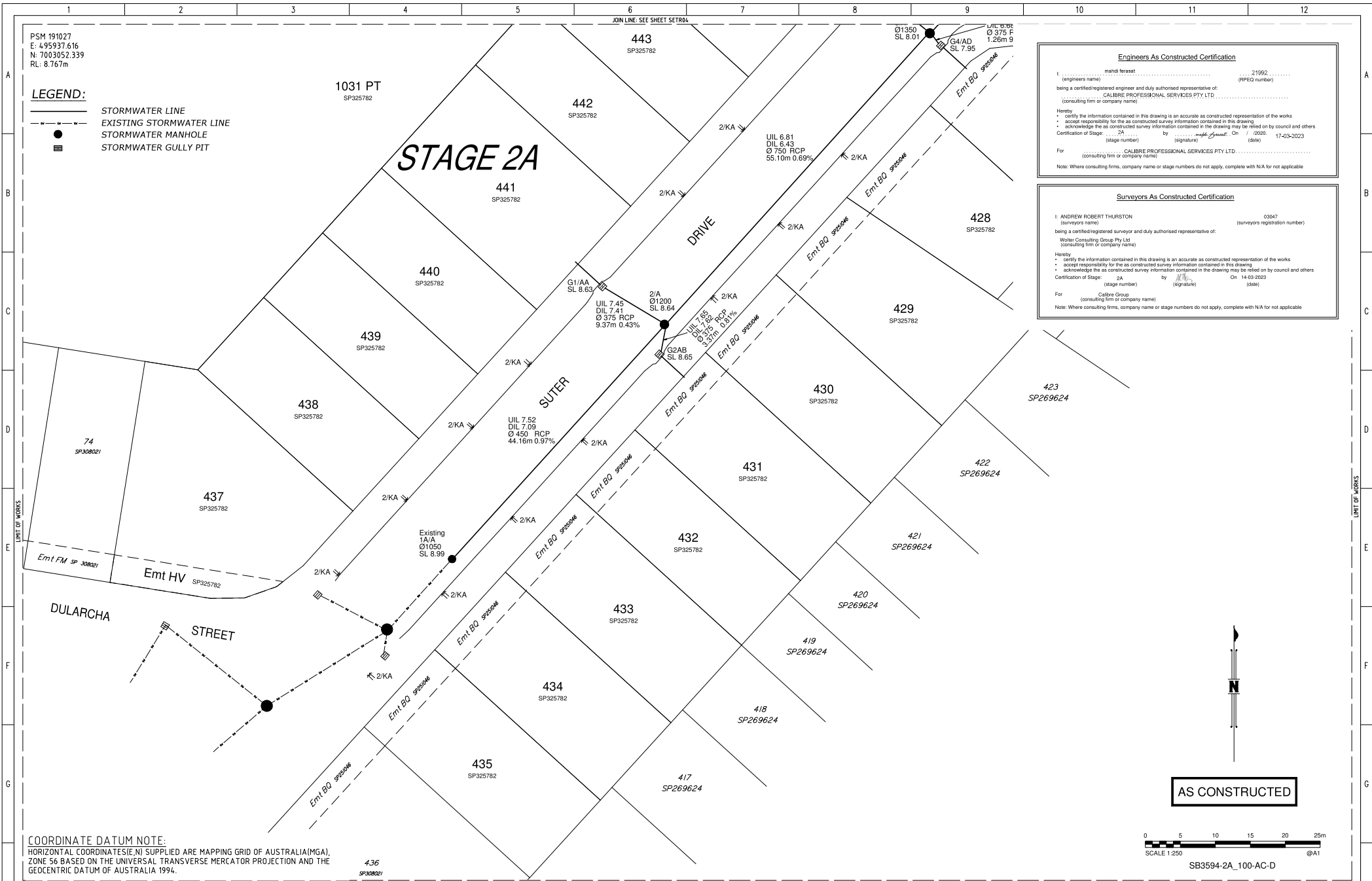
Moreton Bay Regional Council

SCALE 1:250 ORIGINAL SIZE A1

MORETON BAY REGIONAL COUNCIL
 CABOOLTURE DISTRICT OFFICE
 2 HASKING STREET CABOOLTURE QLD 4510
 PO BOX 150 CABOOLTURE QLD 4510
 Telephone: (07) 5433 0100
 Fax:

RIVERBANK
 STAGE 2A
 AS CONSTRUCTED
 DRAINAGE

SUBDIVISION REFERENCE	
DA/2021/0413	
No. 1 OF 6 PLANS	REV.
ASCON GRID NUMBER	
-	D



Engineers As Constructed Certification

I, mahdi ferasat (engineers name) 21992 (RPEQ number) being a certified/registered engineer and duly authorised representative of CALIBRE PROFESSIONAL SERVICES PTY LTD. (consulting firm or company name)

Hereby certify the information contained in this drawing is an accurate as constructed representation of the works and I accept responsibility for the as constructed survey information contained in this drawing.

I acknowledge the as constructed survey information contained in this drawing may be relied on by council and others.

Certification of Stage: 2A by mahdi ferasat (signature) on 17-03-2023 (date)

For CALIBRE PROFESSIONAL SERVICES PTY LTD. (consulting firm or company name)

Note: Where consulting firms, company name or stage numbers do not apply, complete with N/A for not applicable

Surveyors As Constructed Certification

I, ANDREW ROBERT THURSTON (surveyors name) 03047 (surveyors registration number) being a certified/registered surveyor and duly authorised representative of Walter Consulting Group Pty Ltd (consulting firm or company name)

Hereby certify the information contained in this drawing is an accurate as constructed representation of the works and I accept responsibility for the as constructed survey information contained in this drawing.

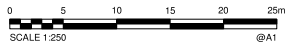
I acknowledge the as constructed survey information contained in this drawing may be relied on by council and others.

Certification of Stage: 2A by Andrew Robert Thurston (signature) on 14-03-2023 (date)

For Calibre Group (consulting firm or company name)

Note: Where consulting firms, company name or stage numbers do not apply, complete with N/A for not applicable

AS CONSTRUCTED



SB3594-2A_100-AC-D

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.

DRAWING REVISIONS		REFERENCE DRAWINGS		DESIGN FILE No.		DESIGNED	
REV.	REVISION DESCRIPTION	DRG. No.	DESCRIPTION	CONSTRUCT. No.	DATE	DATE	DATE
A	AS CONSTRUCTED					14.03.2023	J Cowell
B	AS CONSTRUCTED-ENGINEER UPDATES					14.03.2023	A Dahm
C	AS CONSTRUCTED-SURFACE LEVELS UPDATED						
D	AS CONSTRUCTED-ROOFWATER UPDATED						

WOLTER consulting group
 Planning Urban Design Landscape Environment Surveying
 Brisbane, Level 2, 3 Breakfast Cl Road, Newstead, QLD 4006 Phone: (07) 5656 5200

Moreton Bay Regional Council

SCALE 1:250 ORIGINAL SIZE A1

MORETON BAY REGIONAL COUNCIL
 CABOOLTURE DISTRICT OFFICE
 2 BASKING STREET CABOOLTURE QLD 4510
 PO BOX 150 CABOOLTURE QLD 4510
 Telephone: (07) 5433 0100
 Fax:

RIVERBANK
 STAGE 2A
 AS CONSTRUCTED
 DRAINAGE

SUBDIVISION REFERENCE	
DA/2021/0413	
No. 2 OF 6 PLANS	REV.
ASCON GRID NUMBER	D