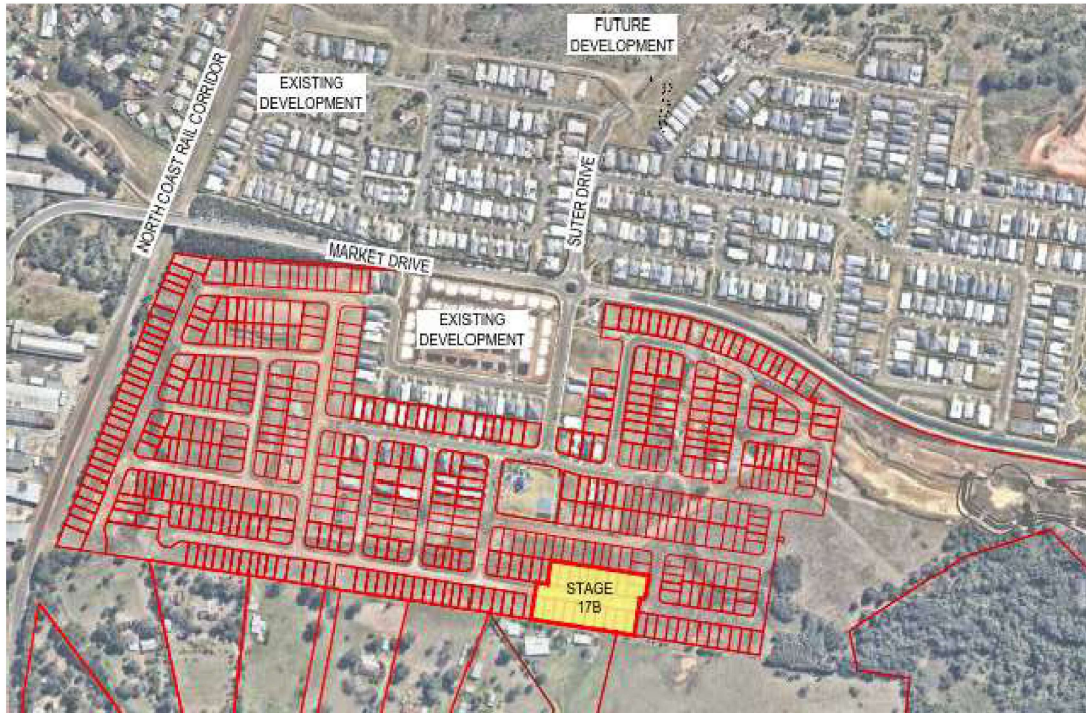


# UNITYWATER PROJECT NUMBER 2018012713S13

## MARKET DRIVE, CABOOLTURE SOUTH

### DN160/DN150 SEWER/WATER MAIN



DRAWING INDEX		
DRAWING NUMBER		DESCRIPTION
U-2022-3973	LOCALITY PLAN AND DRAWING INDEX	
U-2022-3973	SEWER RETICULATION	
U-2022-3973	WATER RETICULATION	

**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.

<b>A1</b>	D	27.02.2023	AS CONSTRUCTED - SEWER HC LEVELS UPDATED	J.Cowell	A.Dahn	A.Thurston			
	C	03.02.2023	AS CONSTRUCTED-SEWER HOUSE CONNECTION SURFACE LEVELS UPDATED	J.Cowell	A.Dahn	A.Thurston	DRAWN	J.Cowell	27.02.2023
	B	21.12.2022	AS CONSTRUCTED-WATER UPDATES	J.Cowell	A.Dahn	A.Thurston	CHECKED	A.Dahn	27.02.2023
	A	08.11.2022	AS CONSTRUCTED	J.Cowell	A.Dahn	A.Thurston	PASSED	A.Thurston	27.02.2023
INDEX	DATE	REVISIONS		DRAWN	CHECKED	PASSED	INITIALS	DATE	



**WOLTER**  
consulting group

Planning Urban Design Landscape Environment Surveying

Brisbane: Level 2, 1 Breakfast Ck Road, Newstead, QLD 4006 Phone: (07) 5666 5300



**Unitywater**

2018012713S13  
Riverbanks Estate  
Waterside Esplanade

SHEET 1 OF 3 SHEETS	SCALE
REVISION DATE 03-02-2023	REVISION   D
DISCIPLINE CODE C	
DRAWING NO. U-2022-3973	

PSM 191027  
 E: 495937.616  
 N: 7003052.339  
 RL: 8767m

LIMIT OF WORKS

**NOTE:**

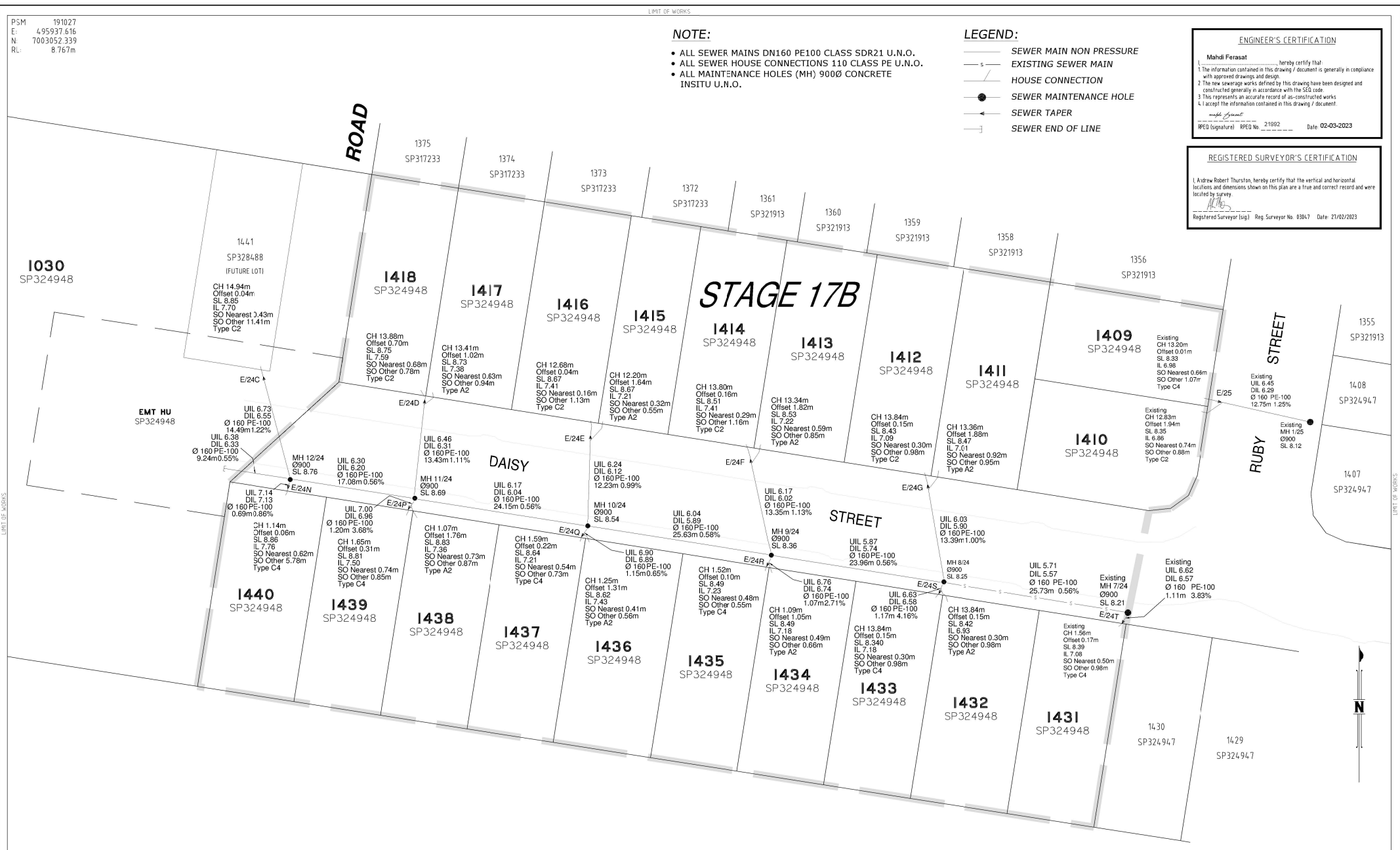
- ALL SEWER MAINS DN160 PE100 CLASS SDR21 U.N.O.
- ALL SEWER HOUSE CONNECTIONS 110 CLASS PE U.N.O.
- ALL MAINTENANCE HOLES (MH) 900Ø CONCRETE INSITU U.N.O.

**LEGEND:**

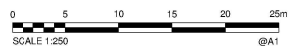
- SEWER MAIN NON PRESSURE
- s — EXISTING SEWER MAIN
- H — HOUSE CONNECTION
- SEWER MAINTENANCE HOLE
- T — SEWER TAPER
- E — SEWER END OF LINE

**ENGINEER'S CERTIFICATION**  
 Mahdi Farasat  
 I, Mahdi Farasat, hereby certify that:  
 1. The information contained in this drawing / document is generally in compliance with approved drawings and design.  
 2. The new sewerage works defined by this drawing have been designed and constructed generally in accordance with the SCS code.  
 3. This represents an accurate record of as-constructed works.  
 4. I accept the information contained in this drawing / document.  
 Mahdi Farasat  
 RPED (signature) RPED No. 21892 Date: 02-03-2023

**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 Robert Thurston  
 Registered Surveyor (sig) Reg. Surveyor No. 03047 Date: 21/02/2023



**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 2020.



ALL DISTANCES IN METRES  
 DA/41948/2020/V33RM

<b>A1</b>	D	27.02.2023	AS CONSTRUCTED - SEWER HC LEVELS UPDATED	J.Cowell	A.Dahn	A.Thurston		
	C	03.02.2023	AS CONSTRUCTED-SEWER HOUSE CONNECTION SURFACE LEVELS UPDATED	J.Cowell	A.Dahn	A.Thurston	DRAWN	J.Cowell 27.02.2023
	B	21.12.2022	AS CONSTRUCTED-WATER UPDATES	J.Cowell	A.Dahn	A.Thurston	CHECKED	A.Dahn 27.02.2023
	A	08.11.2022	AS CONSTRUCTED	J.Cowell	A.Dahn	A.Thurston	PASSED	A.Thurston 27.02.2023
	INDEX	DATE	REVISIONS	DRAWN	CHECKED	PASSED	INITIALS	DATE

LIMIT OF WORKS

**WOLTER**  
 consulting group  
 Planning Urban Design Landscape Environment Surveying  
 Brisbane, Level 2, 1 Breakfast Creek Road, Newstead, QLD 4006 Phone: (07) 5666 5300

**Unitywater**











**Unitywater**  
 2018012719513  
 Riverbanks Estate - Stage 17B  
 Waterside Esplanade  
 Sewer Reticulation

SHEET 2 OF 3 SHEETS	SCALE 1:250
REVISION DATE 03.02.2023	REVISION D
DISCIPLINE CODE C	
DRAWING NO. U-2022-3973	

PSM 191027  
 E: 495937.616  
 N: 7003052.339  
 RL: 8767m

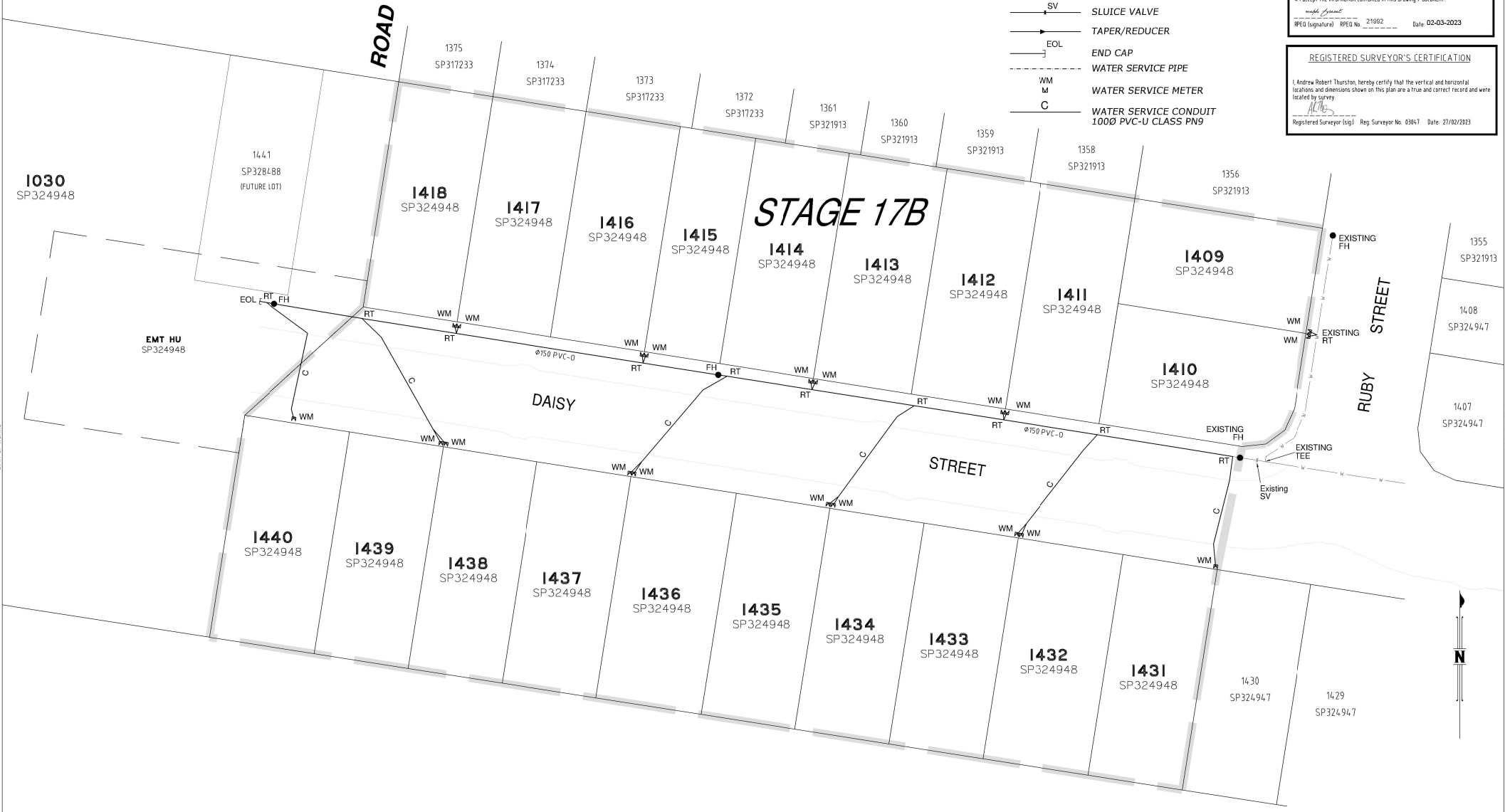
LIMIT OF WORKS

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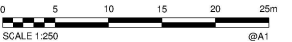
-  Ø150 PVC-O CLASS PN16 WATERMAIN
-  EXISTING WATER MAIN
-  READY TAP PROPERTY CONNECTION
-  HYDRANT
-  SLUICE VALVE
-  TAPER/REDUCER
-  END CAP
-  WATER SERVICE PIPE
-  WATER SERVICE METER
-  WATER SERVICE CONDUIT 100Ø PVC-U CLASS PN9

**ENGINEER'S CERTIFICATION**  
 Mahdi Ferasat  
 I, Mahdi Ferasat, hereby certify that:  
 1. The information contained in this drawing / document is generally in compliance with approved drawings and design.  
 2. The new sewerage works defined by this drawing have been designed and constructed generally in accordance with the SCS code.  
 3. This represents an accurate record of as-constructed works.  
 I accept the information contained in this drawing / document.  
 Mahdi Ferasat  
 RPED (signature) RPED No. 21992 Date: 02-03-2023

**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 Robert Thurston  
 Registered Surveyor (sgl) Reg Surveyor No. 03947 Date: 27/02/2023



**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.



DA/41948/2020/V3RM

A1	D	27.02.2023	AS CONSTRUCTED - SEWER HC LEVELS UPDATED	J.Cowell	A.Dahn	A.Thurston			
	C	03.02.2023	AS CONSTRUCTED-SEWER HOUSE CONNECTION SURFACE LEVELS UPDATED	J.Cowell	A.Dahn	A.Thurston	DRAWN	J.Cowell	27.02.2023
	B	21.12.2022	AS CONSTRUCTED-WATER UPDATES	J.Cowell	A.Dahn	A.Thurston	CHECKED	A.Dahn	27.02.2023
	A	08.11.2022	AS CONSTRUCTED	J.Cowell	A.Dahn	A.Thurston	PASSED	A.Thurston	27.02.2023
	INDEX	DATE	REVISIONS	DRAWN	CHECKED	PASSED		INITIALS	DATE

LIMIT OF WORKS



**WOLTER**  
consulting group

Planning Urban Design Landscape Environment Surveying

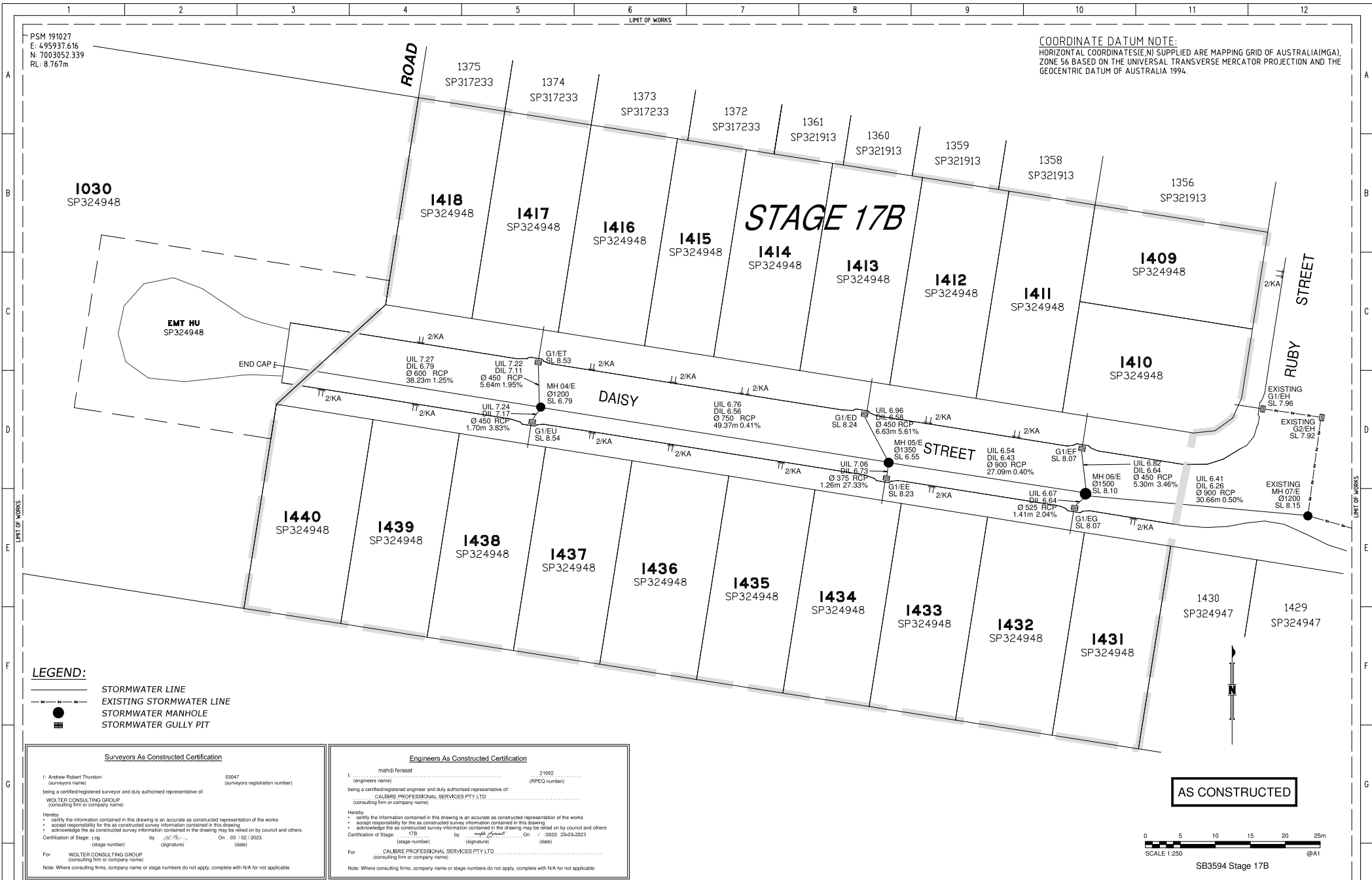
Brisbane: Level 2, 1 Breakfast Ck Road, Newstead, QLD 4006 Phone: (07) 5666 5300



**Unitywater**  
 2018012719513  
 Riverbanks Estate - 17B  
 Waterside Esplanade  
 Water Reticulation

SHEET 3 OF 3 SHEETS	SCALE 1:250
REVISION DATE 27.02.2023	REVISION D
DISCIPLINE CODE C	
DRAWING NO. U-2022-3973	





COORDINATE DATUM NOTE:  
 HORIZONTAL COORDINATES NOT SUPPLIED ARE MAPPING GRID OF AUSTRALIA (MGA),  
 ZONE 56 BASED ON THE UNIVERSAL TRANSVERSE MERCATOR PROJECTION AND THE  
 GEOCENTRIC DATUM OF AUSTRALIA 1994.

**LEGEND:**

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

**Surveyors As Constructed Certification**

I: Andrew Robert Thurston 03947  
 (surveyors name) (surveyors registration number)  
 being a certified registered surveyor and duly authorised representative of:  
 WOLTER CONSULTING GROUP  
 (consulting firm or company name)

Hereby:

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

Certification of Stage: 17B by ACB On 03 / 02 / 2023  
 (stage number) (signature) (date)

For WOLTER CONSULTING 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

**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  
 (consulting firm or company name)

Hereby:

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

Certification of Stage: 17B by On 03 / 02 / 2023  
 (stage number) (signature) (date)

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

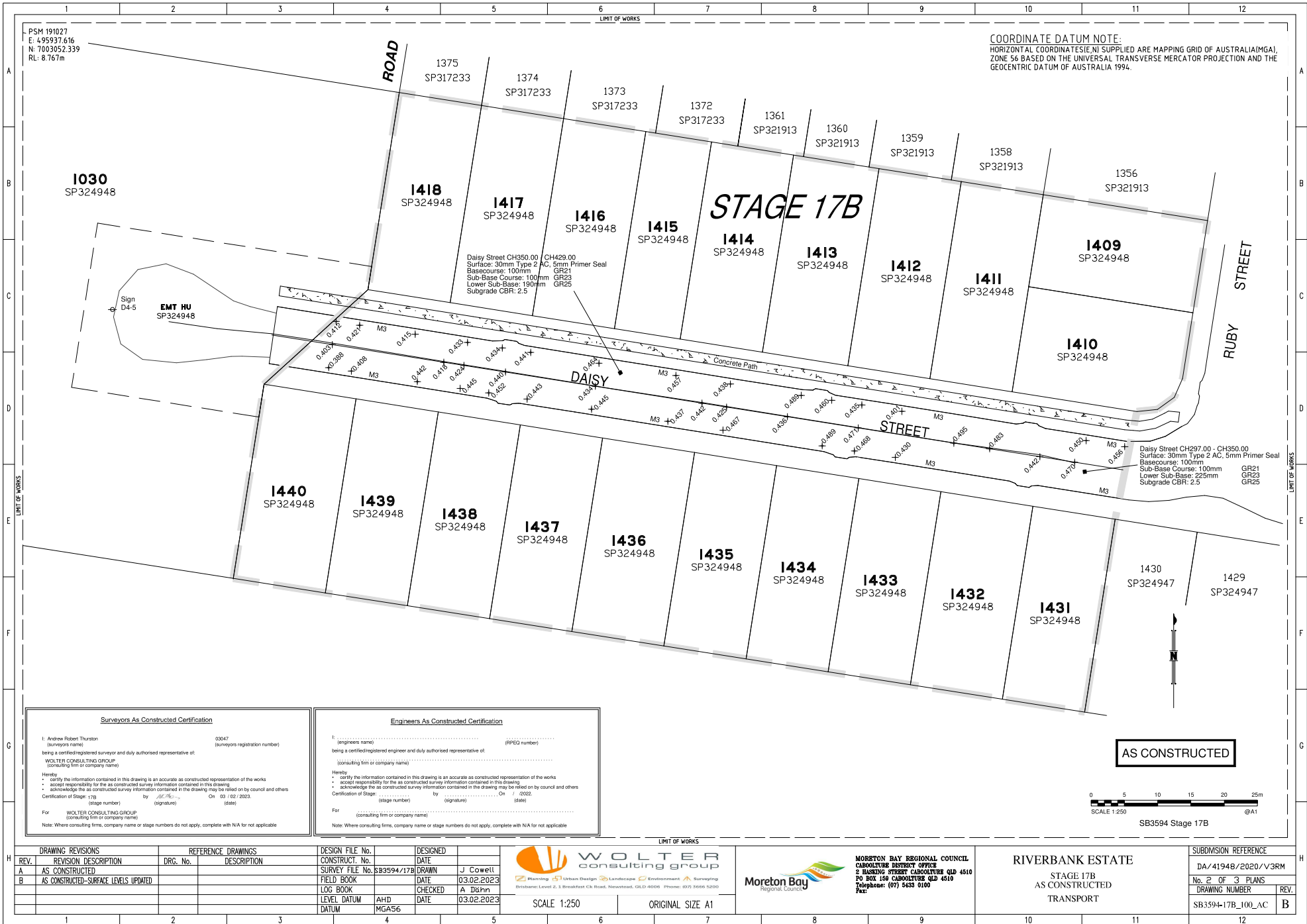
Note: Where consulting firms, company name or stage numbers do not apply, complete with N/A for not applicable

AS CONSTRUCTED

SCALE 1:250 @A1

SB3594 Stage 17B

DRAWING REVISIONS		REFERENCE DRAWINGS		DESIGN FILE No.	DESIGNED	<p>WOLTER consulting group</p> <p>Planning Urban Design Landscapes Environments Surveying</p> <p>Brisbane Level 2, 1 Breakfast Ck Road, Newstead, QLD 4006 Phone: (07) 3666 5200</p>	<p>MORETON BAY REGIONAL COUNCIL          CABOOLTURE DISTRICT OFFICE          2 BASKING STREET CABOOLTURE QLD 4510          PO BOX 150 CABOOLTURE QLD 4510          Telephone: (07) 5433 0100          Fax:</p>	RIVERBANK ESTATE		SUBDIVISION REFERENCE		
REV.	REVISION DESCRIPTION	DRG. No.	DESCRIPTION	CONSTRUCT.	DATE			DA/41948/2020/V3RM	STAGE 17B AS CONSTRUCTED DRAINAGE		DA/41948/2020/V3RM	
				FILE BOOK	DRAWN			No. 1 OF 3 PLANS		DRAWING NUMBER		REV.
				LOG BOOK	CHECKED			SB3594-17B_100_AC				B
A	AS CONSTRUCTED			SB3594/17B	J Cowell							
B	AS CONSTRUCTED-SURFACE LEVELS UPDATED				03.02.2023							
					A D&M							
				LEVEL DATUM	AHD							
				DATUM	MGA56							
				DATE	03.02.2023							
				SCALE 1:250	ORIGINAL SIZE A1							



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

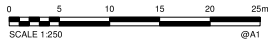
PSM 191027  
 E: 495931.616  
 N: 7003052.339  
 RL: 8.767m

LIMIT OF WORKS

DAISY STREET

**STAGE 17B**

**AS CONSTRUCTED**



SB3594 Stage 17B

**Surveyors As Constructed Certification**

I: Andrew Robert Thurston (surveyors name) 03047 (surveyors registration number)  
 being a certified/registered surveyor and duly authorised representative of:  
 WOLTER CONSULTING GROUP (consulting firm or company name)

Herby:  
 • certify the information contained in this drawing is an accurate as constructed representation of the works  
 • accept responsibility for the as constructed survey information contained in this drawing  
 • acknowledge the as constructed survey information contained in the drawing may be relied on by council and others

Certification of Stage: 17B by A.D. on 03/02/2023 (stage number) (signature) (date)

For WOLTER CONSULTING 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

**Engineers As Constructed Certification**

I: (engineers name) (RPEQ number)  
 being a certified/registered engineer and duly authorised representative of:  
 (consulting firm or company name)

Herby:  
 • certify the information contained in this drawing is an accurate as constructed representation of the works  
 • accept responsibility for the as constructed survey information contained in this drawing  
 • acknowledge the as constructed survey information contained in the drawing may be relied on by council and others

Certification of Stage: (stage number) by (signature) on (date)

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

REV.	DRAWING REVISIONS	REFERENCE DRAWINGS	DESIGN FILE No.	DESIGNED
A	AS CONSTRUCTED		CONSTRUCT. No. SB3594/17B	DATE J Cowell
B	AS CONSTRUCTED - SURFACE LEVELS UPDATED		SURVEY FILE No. SB3594/17B	DRAWN
			FIELD BOOK	DATE 03.02.2023
			LOG BOOK	CHECKED A D&H
			LEVEL DATUM	DATE 03.02.2023
			AHD	
			MGA56	
			DATUM	

**WOLTER consulting group**

Planning | Design | Landscaping | Environmental | Surveying  
 Brookesville Level 2, 3 Brookesville Ck Road, Newcastle, QLD 4209. Phone: (07) 5566 5200

**Moreton Bay Regional Council**

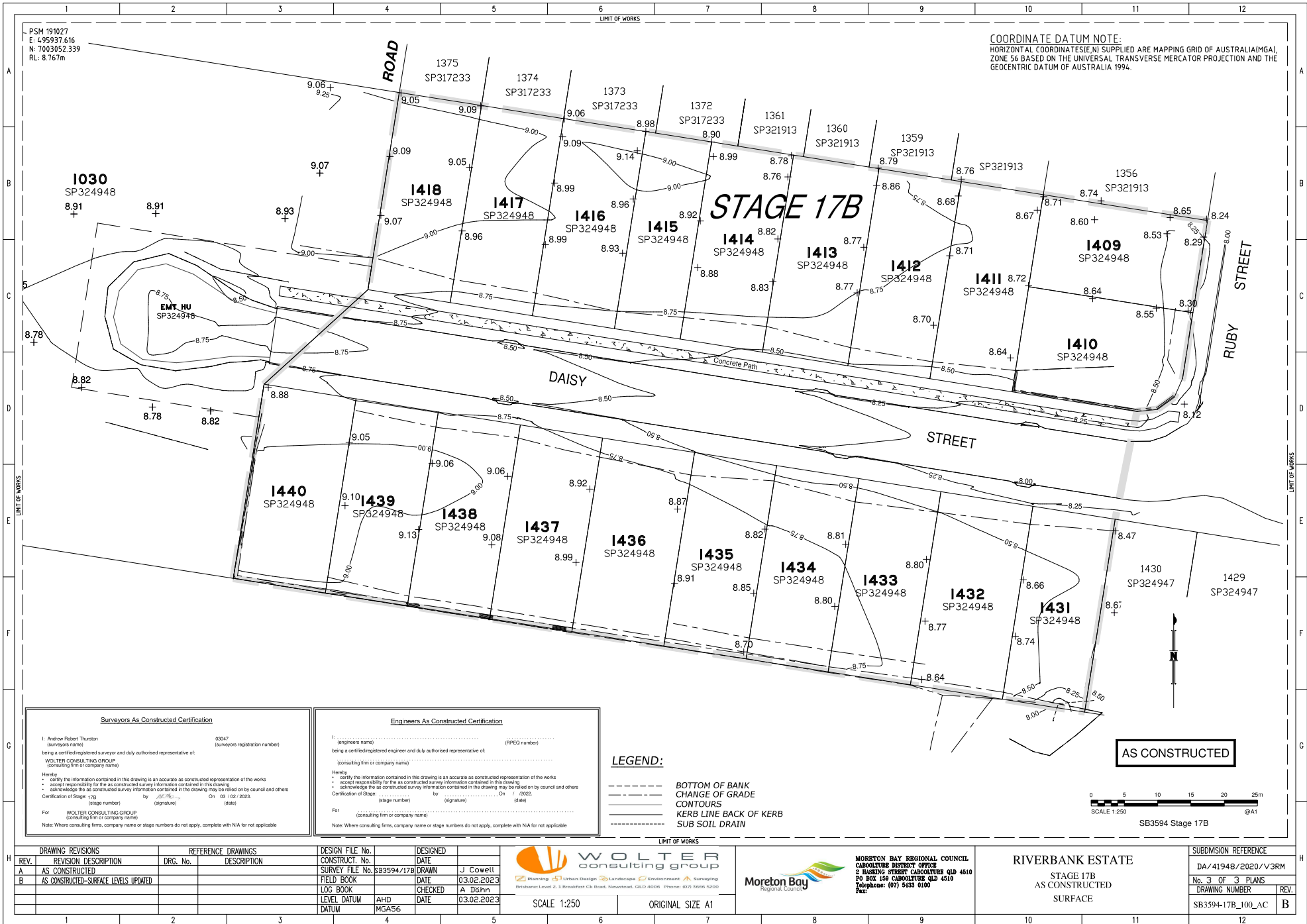
MORBERTON BAY REGIONAL COUNCIL  
 CABOOLTURE DISTRICT OFFICE  
 2 HASKING STREET CABOOLTURE QLD 4510  
 PO BOX 150 CABOOLTURE QLD 4510  
 Telephone: (07) 5453 0100  
 Fax:

SCALE 1:250 ORIGINAL SIZE A1

**RIVERBANK ESTATE**

STAGE 17B  
 AS CONSTRUCTED  
 TRANSPORT

SUBDIVISION REFERENCE	
DA/41948/2020/V3RM	
No. 2 OF 3 PLANS	
DRAWING NUMBER	REV.
SB3594-17B_100_AC	B



REV.	DRAWING REVISIONS	REFERENCE DRAWINGS	DESIGN FILE No.	DESIGNED
A	AS CONSTRUCTED	DRG. No.	CONSTRUCT. No. SB3594/17B	DATE J Cowell
B	AS CONSTRUCTED - SURFACE LEVELS UPDATED	DESCRIPTION	FIELD BOOK	DATE 03.02.2023
			LOG BOOK	CHECKED A Dahn
			LEVEL DATUM	DATE 03.02.2023
			AHD	
			MGA56	
			DATUM	

**WOLTER consulting group**

Planning | Urban design | Landscapes | Environment | Surveying

Brookside Level 6, 3 Brookside Ct Road, Newstead, QLD 4006. Phone: (07) 5656 5200

**Moreton Bay Regional Council**

**SCALE 1:250 ORIGINAL SIZE A1**

**MORBERTON BAY REGIONAL COUNCIL**  
 CABOOTSURE DISTRICT OFFICE  
 2 HARRING STREET CABOOTSURE QLD 4510  
 PO BOX 150 CABOOTSURE QLD 4510  
 Telephone: (07) 5453 9100  
 Fax:

**RIVERBANK ESTATE**  
 STAGE 17B  
 AS CONSTRUCTED  
 SURFACE

SUBDIVISION REFERENCE	
DA/41948/2020/V3RM	
No. 3 OF 3 PLANS	
DRAWING NUMBER	REV.
SB3594-17B_100_AC	B