

**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.

**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)

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: 16B by [signature] On 06 / 05 / 2022 (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**

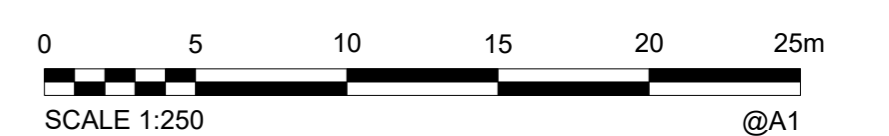
I: (engineers name) (RPEQ number)  
 being a certified/registered engineer and duly authorised representative of:  
 (consulting firm or company name)

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Certification of Stage: (stage number) by [signature] On / / 2020 (date)

For (consulting firm or company name)  
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- LEGEND:**
- SW — SW — SW — STORMWATER LINE
  - SW — SW — SW — EXISTING STORMWATER LINE
  - STORMWATER MANHOLE
  - STORMWATER MANHOLE EXTENDED
  - STORMWATER PIT
  - STORMWATER GULLY PIT
  - TOP OF BANK
  - BOTTOM OF BANK
  - CHANGE OF GRADE
  - CONTOURS
  - WSUD AREA
  - SEDIMENT FOREBAY
  - CONCRETE DRIVEWAY



**AS CONSTRUCTED**

DRAWING REVISIONS		REFERENCE DRAWINGS		DESIGN FILE No.	DESIGNED
REV.	REVISION DESCRIPTION	DRG. No.	DESCRIPTION	CONSTRUCT. No.	DATE
A	AS CONSTRUCTED				J Braga
B	AS CONSTRUCTED - SIGNS REMOVED			SB3594/16B	07.04.2022
C	AS CONSTRUCTED - REVIEWED				A Dahn
					07.04.2022

**WOLTER consulting group**

Planning Urban Design Landscape Environment Surveying

Brisbane: Level 2, 1 Breakfast Ck Road, Newstead, QLD 4006 Phone: (07) 3666 5200

SCALE 1:250 ORIGINAL SIZE A1

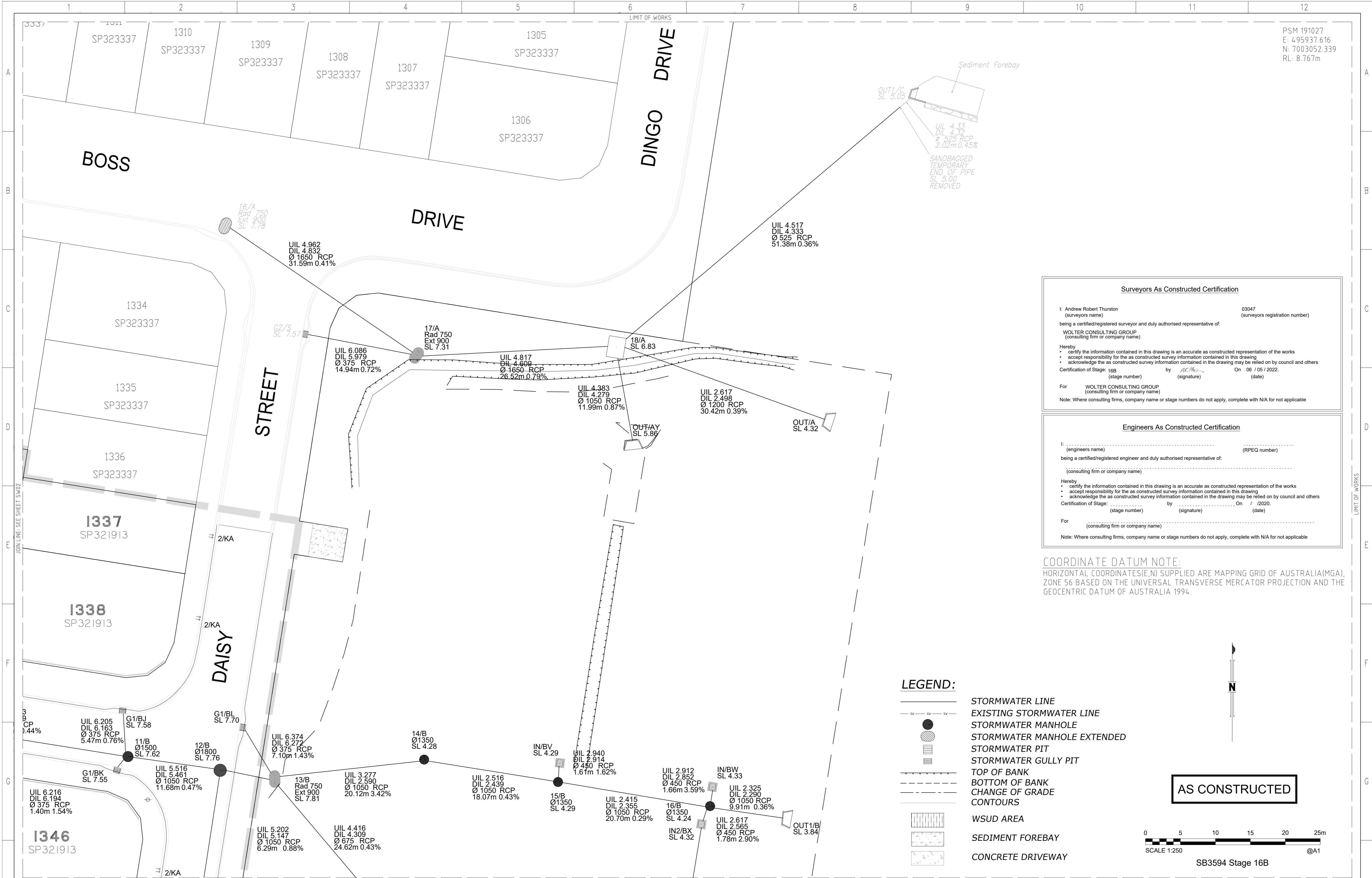
**Moreton Bay Regional Council**

MORETON BAY REGIONAL COUNCIL  
 CABOOLTURE DISTRICT OFFICE  
 2 HASKING STREET CABOOLTURE QLD 4510  
 PO BOX 159 CABOOLTURE QLD 4510  
 Telephone: (07) 5433 0100  
 Fax:

**RIVERBANK ESTATE**

STAGE 16B  
 AS CONSTRUCTED  
 DRAINAGE

SUBDIVISION REFERENCE	
DA/39595/2019/V3R3M	
No. 2 OF 8 PLANS	
DRAWING NUMBER	REV.
395952019V3R3M SW02	C



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

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Certification of Stage: 16B (stage number) by *ALP* (signature) On 06 / 05 / 2022. (date)

For WOLTER CONSULTING GROUP (consulting firm or company name)

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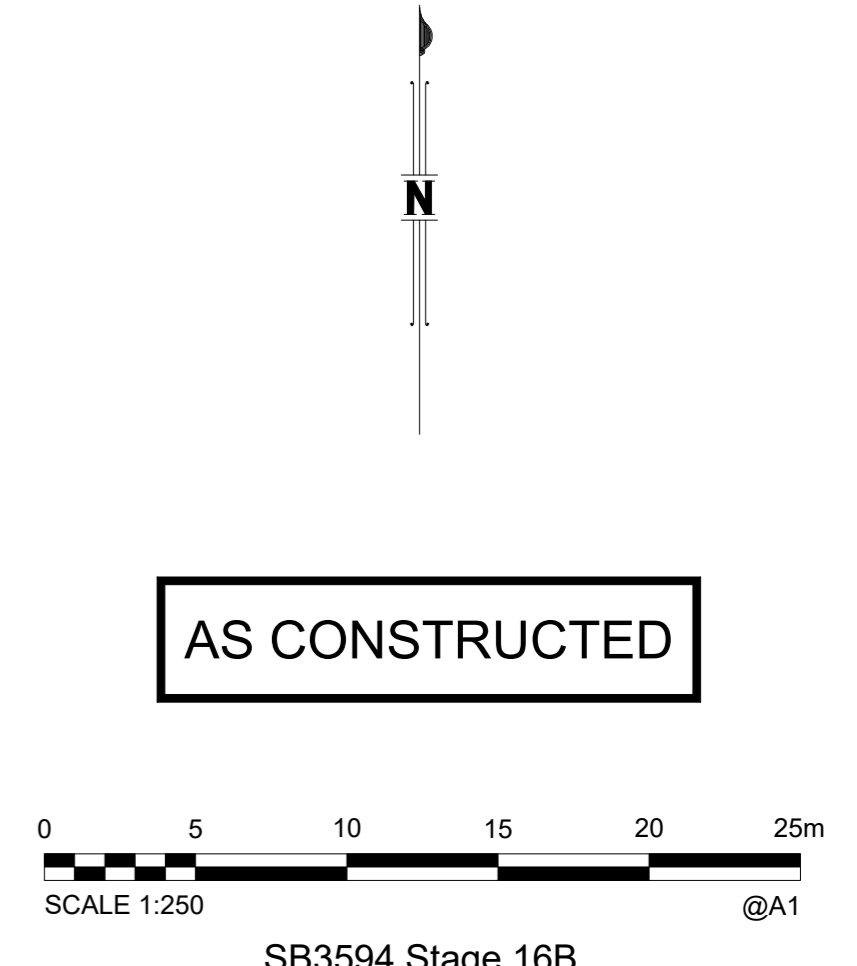
Certification of Stage: ..... (stage number) by ..... (signature) On / / 2020. (date)

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- LEGEND:**
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					07.04.2022

**WOLTER**  
 consulting group  
 Planning Urban Design Landscape Environment Surveying  
 Brisbane: Level 2, 1 Breakfast Ck Road, Newstead, QLD 4006 Phone: (07) 3666 5200

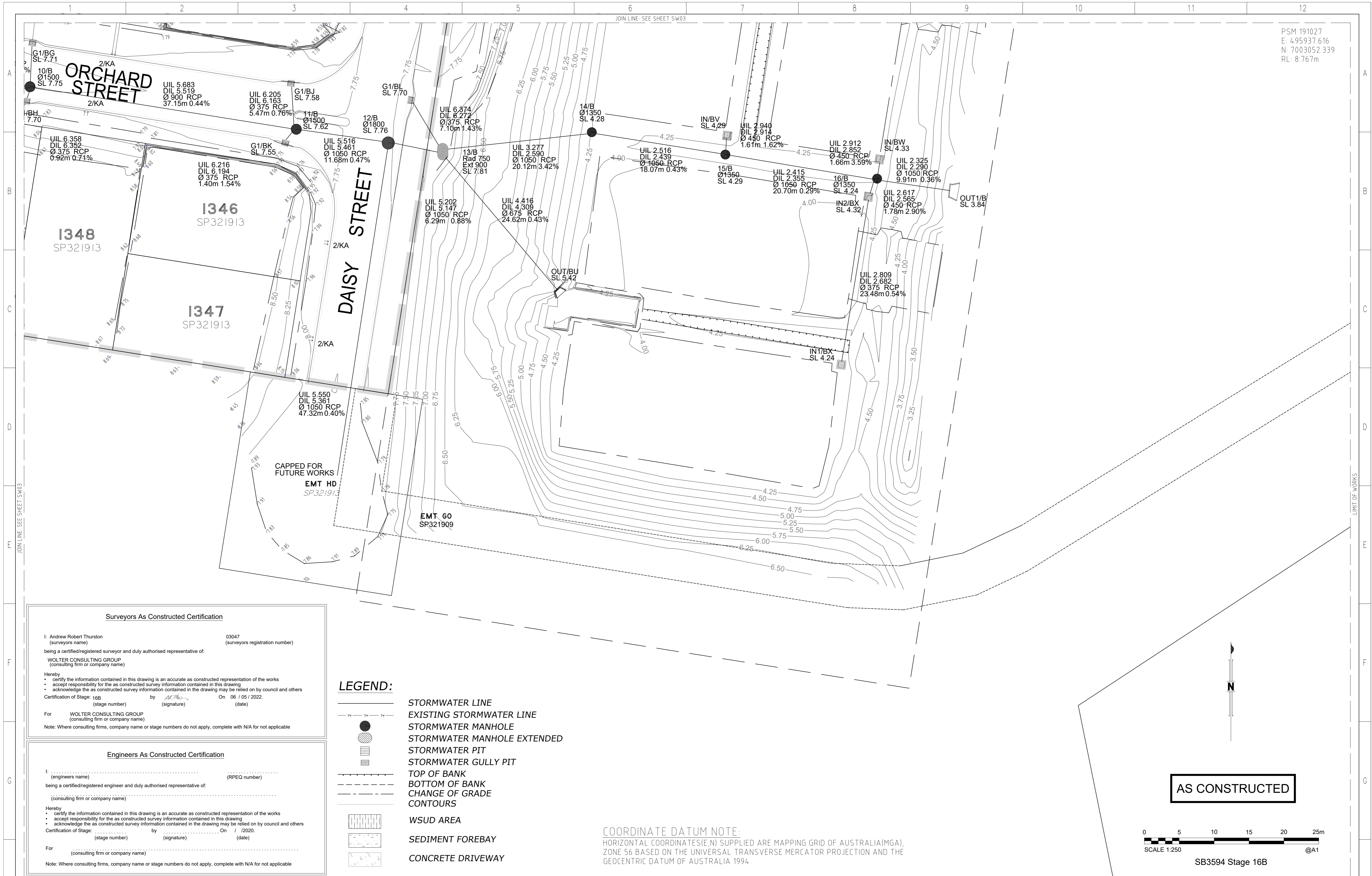
**Moreton Bay**  
 Regional Council

SCALE 1:250 ORIGINAL SIZE A1

**MORETON BAY REGIONAL COUNCIL**  
 CABOOLTURE DISTRICT OFFICE  
 2 HASKING STREET CABOOLTURE QLD 4510  
 PO BOX 159 CABOOLTURE QLD 4510  
 Telephone: (07) 5433 0100  
 Fax:

**RIVERBANK ESTATE**  
**STAGE 16B**  
**AS CONSTRUCTED**  
**DRAINAGE**

SUBDIVISION REFERENCE	
DA/39595/2019/V3RM	
No. 3 OF 8 PLANS	
DRAWING NUMBER	REV.
395952019V3RM SW03	C



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

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For WOLTER CONSULTING GROUP (consulting firm or company name)  
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**AS CONSTRUCTED**



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					07.04.2022

**WOLTER consulting group**

Planning Urban Design Landscape Environment Surveying

Brisbane: Level 2, 1 Breakfast Ck Road, Newstead, QLD 4006 Phone: (07) 3666 5200

SCALE 1:250 ORIGINAL SIZE A1

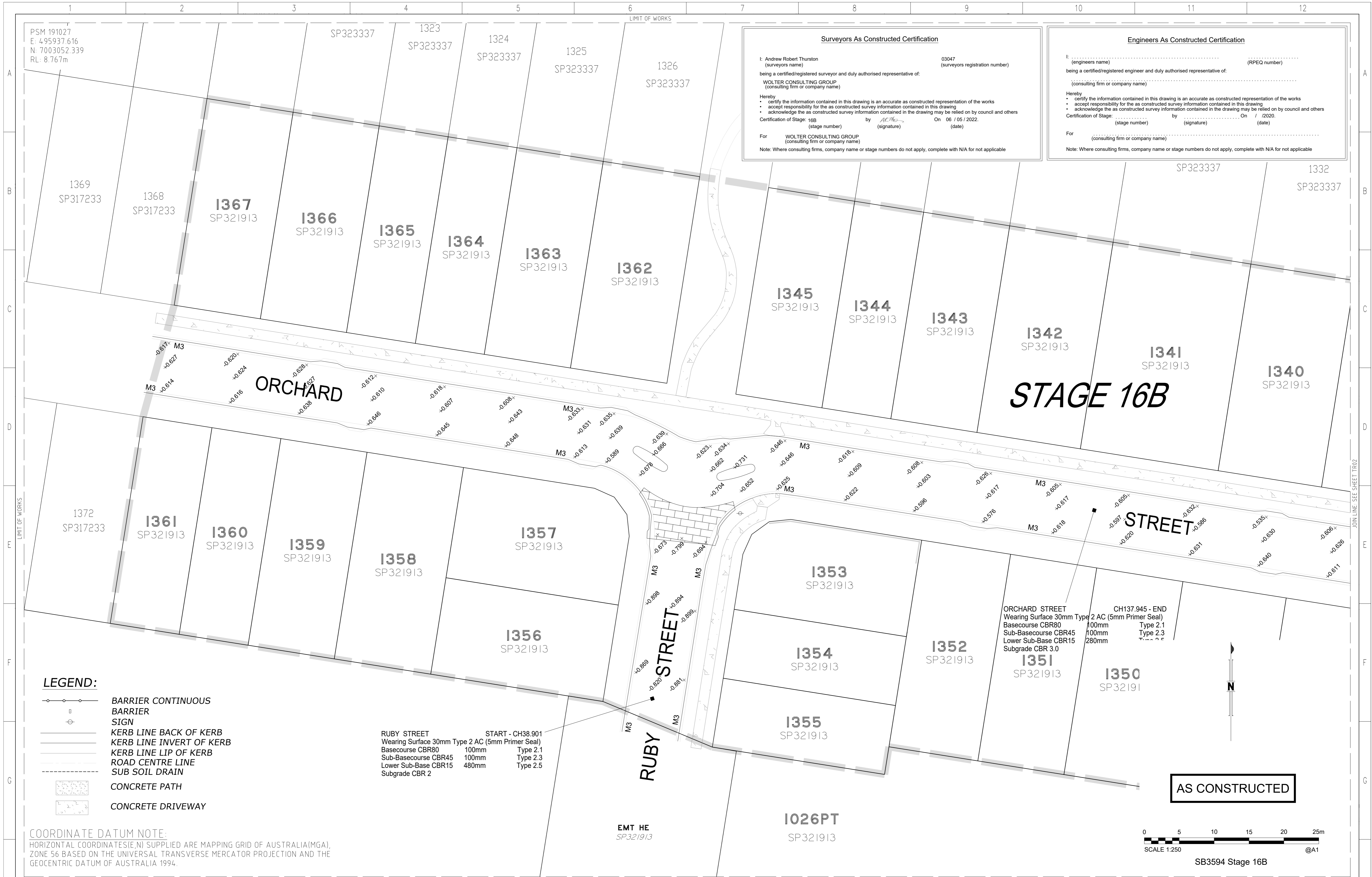
**Moreton Bay Regional Council**

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 CABOOLTURE DISTRICT OFFICE  
 2 HASKING STREET CABOOLTURE QLD 4510  
 PO BOX 159 CABOOLTURE QLD 4510  
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 Fax:

**RIVERBANK ESTATE**

STAGE 16B  
 AS CONSTRUCTED  
 DRAINAGE

SUBDIVISION REFERENCE	
DA/39595/2019/V3RM	
No. 4 OF 8 PLANS	
DRAWING NUMBER	REV.
395952019V3RM SW04	C



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Certification of Stage: 16B (stage number) by A.R.T. (signature) On 06 / 05 / 2022. (date)

For WOLTER CONSULTING GROUP (consulting firm or company name)

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A	AS CONSTRUCTED				J Braga
B	AS CONSTRUCTED - SIGNS REMOVED			SB3594/16B	07.04.2022
C	AS CONSTRUCTED - REVIEWED				A Dahn
					CHECKED
					DATE
					07.04.2022
					AHD
					MGA56
					DATUM

**WOLTER consulting group**

Planning Urban Design Landscape Environment Surveying

Brisbane: Level 2, 1 Breakfast Ck Road, Newstead, QLD 4006 Phone: (07) 3666 5200

SCALE 1:250 ORIGINAL SIZE A1

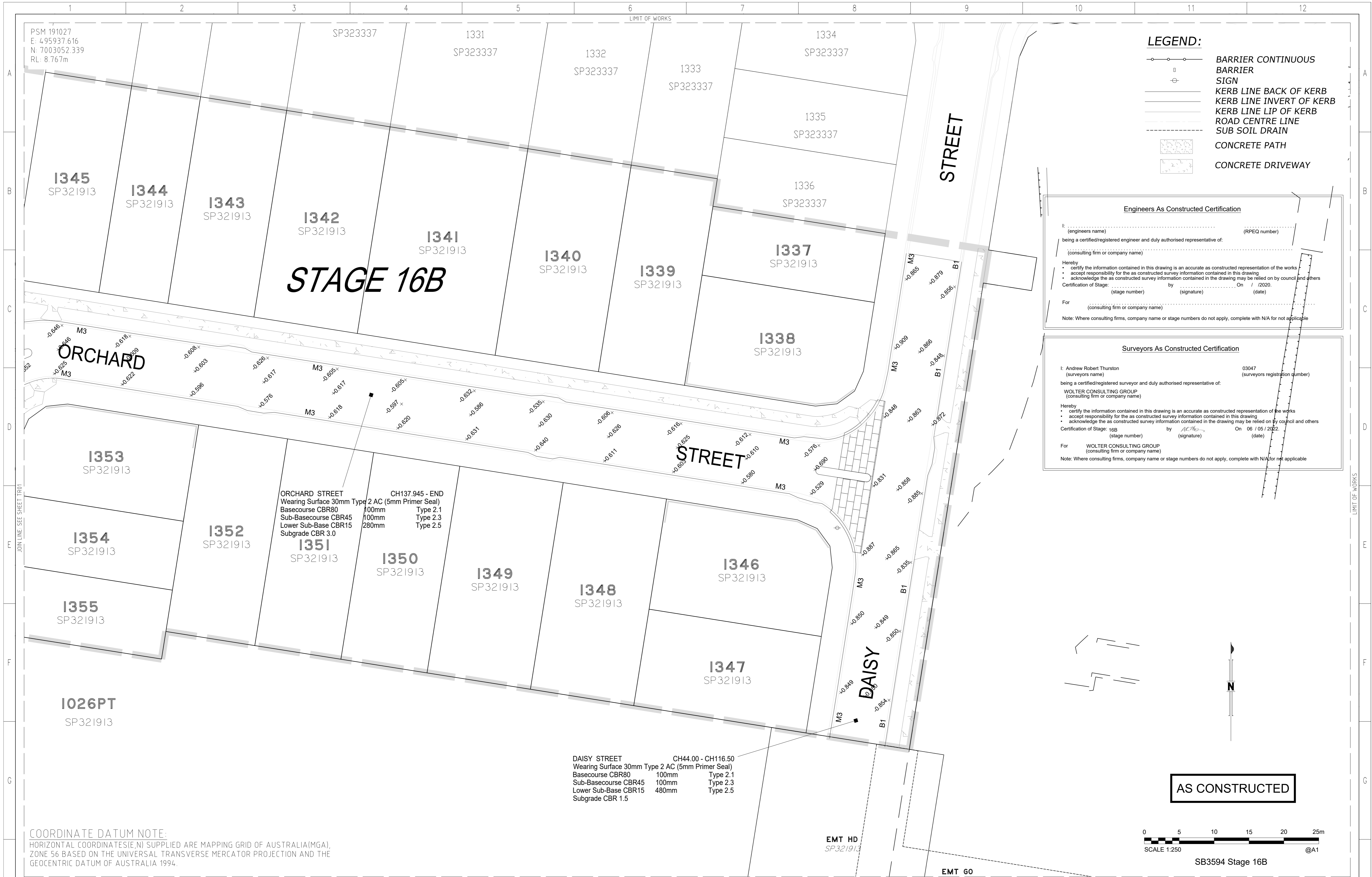
**Moreton Bay Regional Council**

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

**RIVERBANK ESTATE**

STAGE 16B  
 AS CONSTRUCTED  
 TRANSPORT

SUBDIVISION REFERENCE	
DA/39595/2019/V3RM	
No. 5 OF 2 PLANS	
DRAWING NUMBER	REV.
395952019V3RM TR01	C



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 ZONE 56 BASED ON THE UNIVERSAL TRANSVERSE MERCATOR PROJECTION AND THE  
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 (stage number) (signature) (date)

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Certification of Stage: 16B by AC76 On 06 / 05 / 2022  
 (stage number) (signature) (date)

For WOLTER CONSULTING GROUP (consulting firm or company name)

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**DAISY STREET CH44.00 - CH116.50**  
 Wearing Surface 30mm Type 2 AC (5mm Primer Seal)  
 Basecourse CBR80 100mm Type 2.1  
 Sub-Basecourse CBR45 100mm Type 2.3  
 Lower Sub-Base CBR15 480mm Type 2.5  
 Subgrade CBR 1.5

**ORCHARD STREET CH137.945 - END**  
 Wearing Surface 30mm Type 2 AC (5mm Primer Seal)  
 Basecourse CBR60 100mm Type 2.1  
 Sub-Basecourse CBR45 100mm Type 2.3  
 Lower Sub-Base CBR15 280mm Type 2.5  
 Subgrade CBR 3.0

DRAWING REVISIONS		REFERENCE DRAWINGS		DESIGN FILE No.	DESIGNED
REV.	REVISION DESCRIPTION	DRG. No.	DESCRIPTION	CONSTRUCT. No.	DATE
A	AS CONSTRUCTED				J Braga
B	AS CONSTRUCTED - SIGNS REMOVED			SB3594/16B	07.04.2022
C	AS CONSTRUCTED - REVIEWED				A Dahn
					CHECKED
					DATE
					07.04.2022
					AHD
					DATE
					07.04.2022
					DATUM
					MGA56

**WOLTER consulting group**

Planning Urban Design Landscape Environment Surveying

Brisbane: Level 2, 1 Breakfast Ck Road, Newstead, QLD 4006 Phone: (07) 3666 5200

SCALE 1:250 ORIGINAL SIZE A1

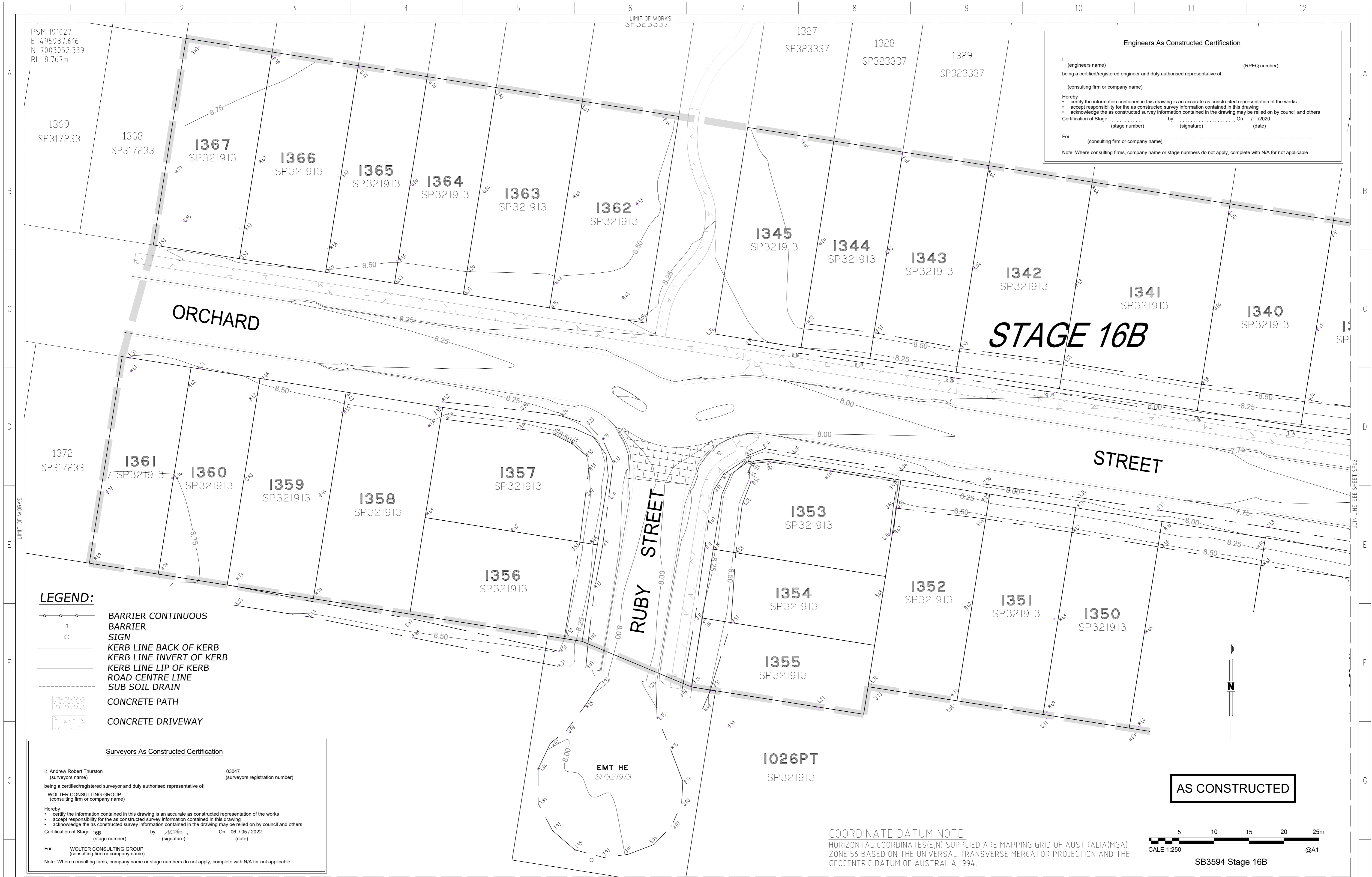
**Moreton Bay Regional Council**

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 PO BOX 159 CABOOLTURE QLD 4510  
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**RIVERBANK ESTATE**

STAGE 16B  
 AS CONSTRUCTED  
 TRANSPORT

SUBDIVISION REFERENCE	
DA/39595/2019/V3RM	
No. 6 OF 2 PLANS	
DRAWING NUMBER	REV.
395952019V3RM TR02	C



DRAWING REVISIONS		REFERENCE DRAWINGS		DESIGN FILE No.	DESIGNED
REV.	REVISION DESCRIPTION	DRG. No.	DESCRIPTION	CONSTRUCT. No.	DATE
A	AS CONSTRUCTED				J Braga
B	AS CONSTRUCTED - SIGNS REMOVED			SB3594/16B	07.04.2022
C	AS CONSTRUCTED - REVIEWED				A Dahn
					07.04.2022

**WOLTER consulting group**

Planning Urban Design Landscape Environment Surveying

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SCALE 1:250 ORIGINAL SIZE A1

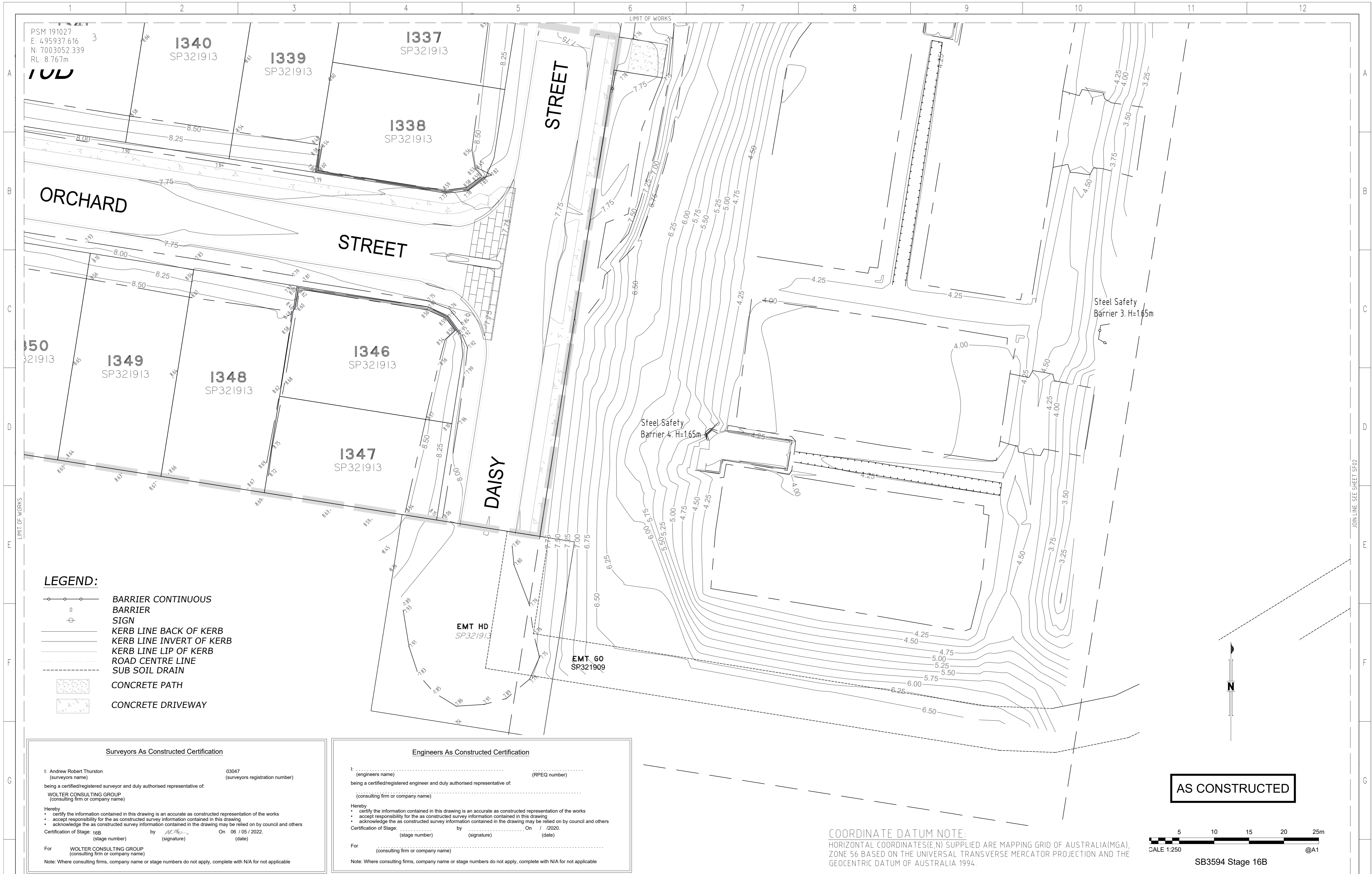
**Moreton Bay Regional Council**

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**RIVERBANK ESTATE**

STAGE 16B  
 AS CONSTRUCTED  
 SURFACE

SUBDIVISION REFERENCE	
DA/39595/2019/V3RM	
No. 7 OF 2 PLANS	
DRAWING NUMBER	REV.
395952019V3RM SF01	C



**LEGEND:**

- BARRIER CONTINUOUS
- BARRIER
- KERB LINE BACK OF KERB
- KERB LINE INVERT OF KERB
- KERB LINE LIP OF KERB
- ROAD CENTRE LINE
- SUB SOIL DRAIN
- CONCRETE PATH
- CONCRETE DRIVEWAY

**Surveyors As Constructed Certification**

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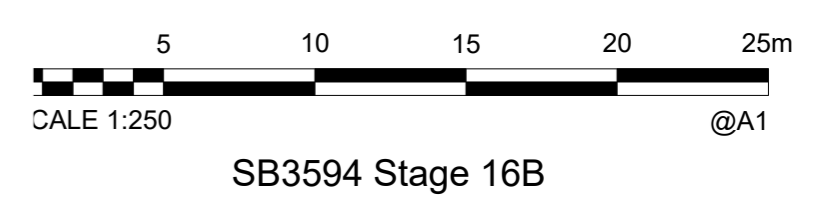
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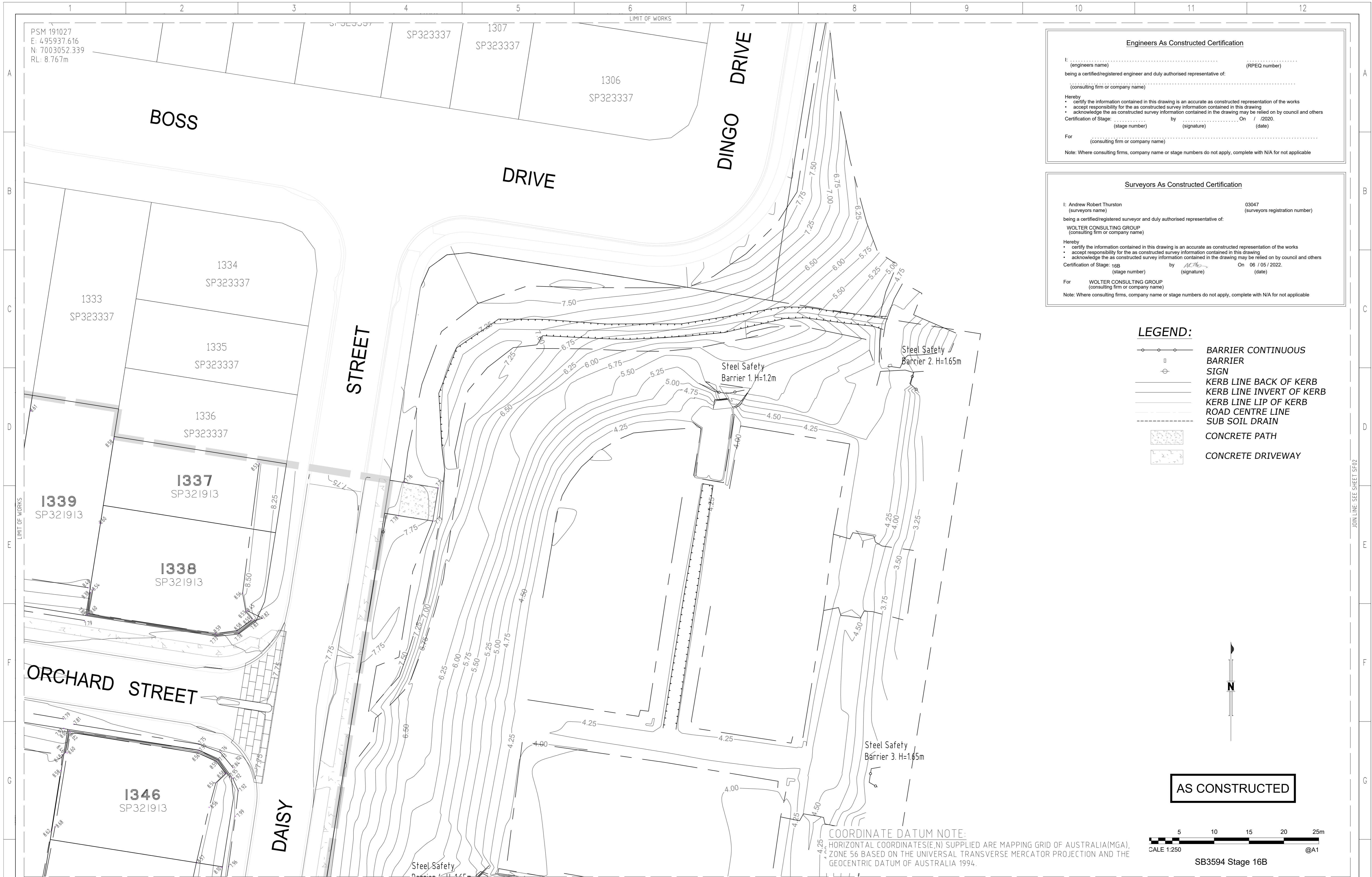
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**AS CONSTRUCTED**

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REV.	REVISION DESCRIPTION	DRG. No.	DESCRIPTION	CONSTRUCT. No.	DATE			STAGE 16B AS CONSTRUCTED SURFACE		DA/39595/2019/V3RM	
A	AS CONSTRUCTED			SURVEY FILE No. SB3594/16B	DRAWN	J Braga			No. 8 OF 9 PLANS DRAWING NUMBER 395952019V3RM SF02		
B	AS CONSTRUCTED - SIGNS REMOVED			FIELD BOOK	DATE	07.04.2022					
C	AS CONSTRUCTED - REVIEWED			LOG BOOK	CHECKED	A Dahn					
				LEVEL DATUM	AHD	DATE	07.04.2022	SCALE 1:250 ORIGINAL SIZE A1		REV.	C
				DATUM	MGA56						





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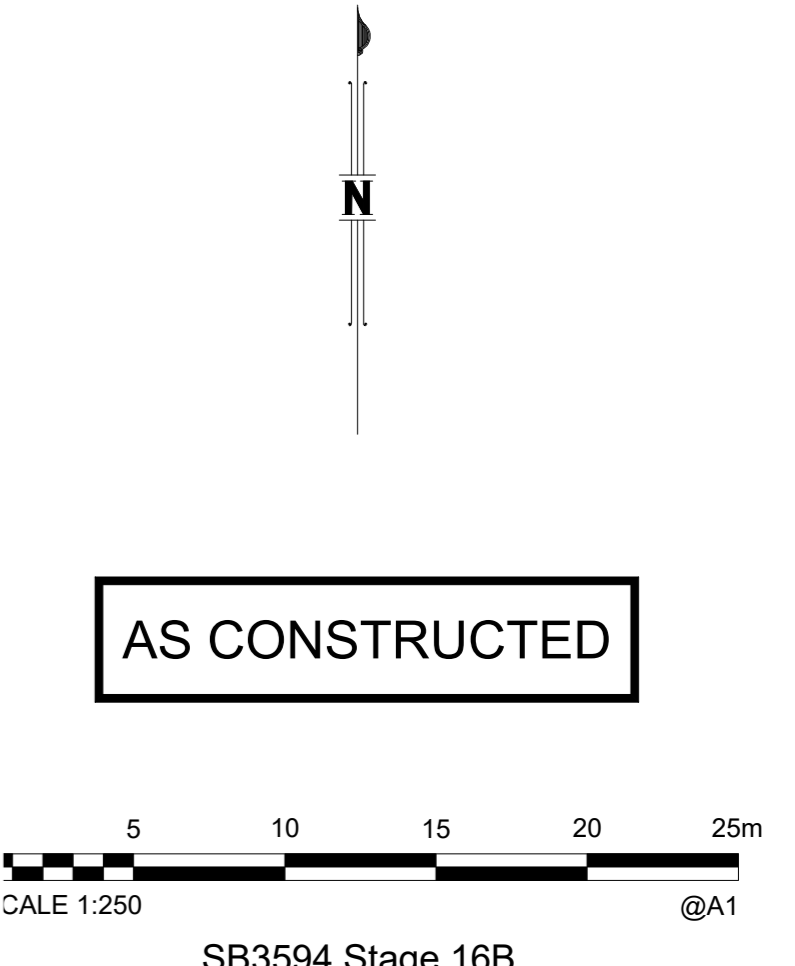
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(consulting firm or company name)

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SCALE 1:250 ORIGINAL SIZE A1

**Moreton Bay Regional Council**

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**RIVERBANK ESTATE**

STAGE 16B  
AS CONSTRUCTED  
SURFACE

SUBDIVISION REFERENCE	
DA/39595/2019/V33RM	
No. 9 OF 9 PLANS	
DRAWING NUMBER	REV.
395952019V33RM SF03	C



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

**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 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: 16A (stage number) by [Signature] (signature) On 15 / 03 / 2022. (date)

**Landscape As Constructed Certification**  
 I: (landscape architects name) (AILA number)  
 being a certified/registered engineer and duly authorised representative of:  
 (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: (stage number) by (signature) On / / 2020. (date)

- LEGEND:**
- BARRIER CONTINUOUS
  - CONCRETE PATH
  - LANDSCAPE AREA TURF
  - LANDSCAPE AREA GARDEN BED
  - LOPHOSTEMON CONFERTUS
  - GREVILLEA BAILEYANA
  - ELAEOCARPUS reticulatus
  - WATERHOUSEA floribunda
  - BARRIER

**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
A	AS CONSTRUCTED			SB3594/16B	JWB
					15.03.2022
					15.03.2022

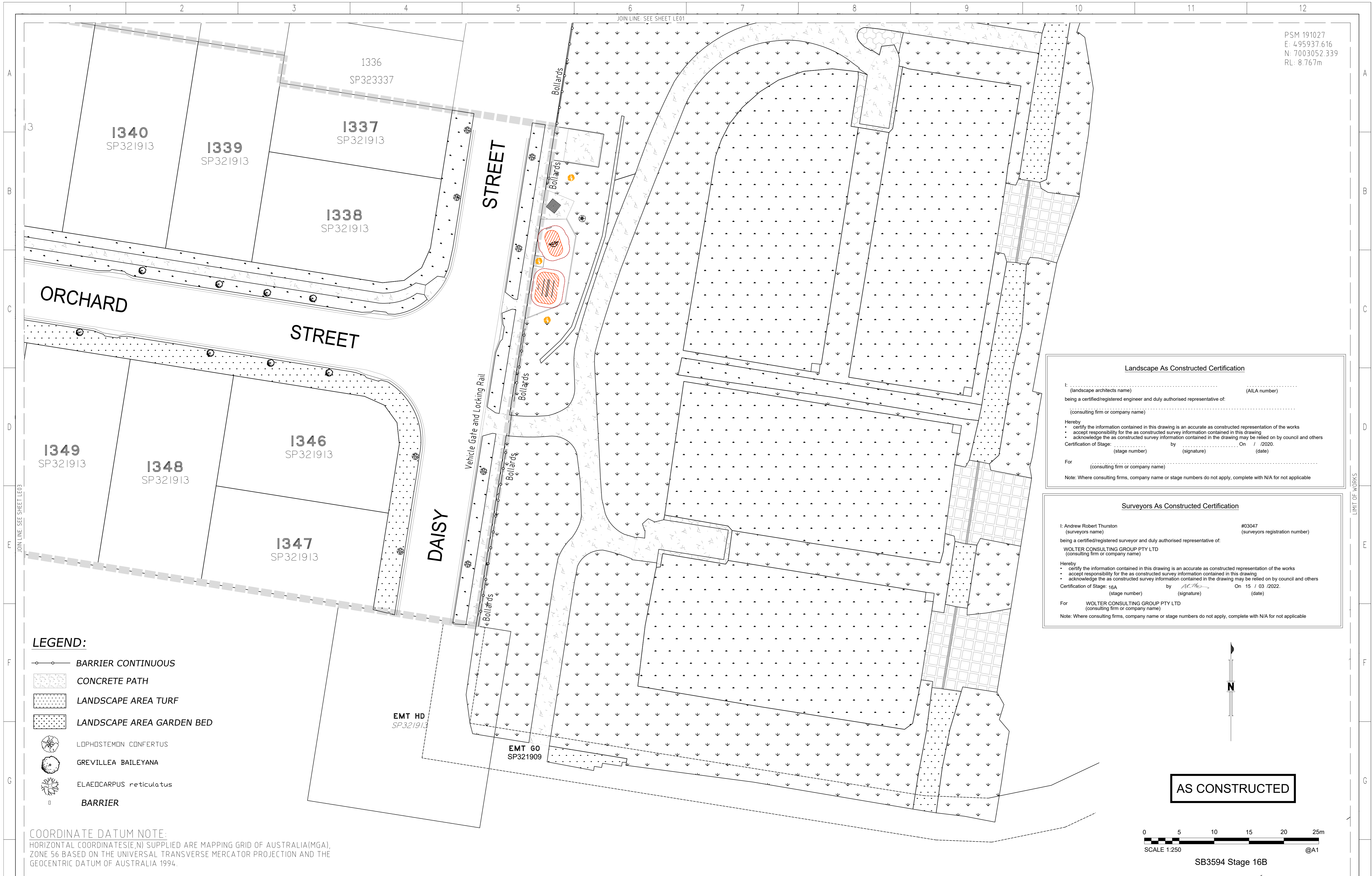
**WOLTER consulting group**  
 Planning Urban Design Landscape Environment Surveying  
 Brisbane: Level 2, 1 Breakfast Ck Road, Newstead, QLD 4006 Phone: (07) 3666 5200

SCALE 1:250 ORIGINAL SIZE A1

**Moreton Bay Regional Council**  
 MORETON BAY REGIONAL COUNCIL  
 CABOOLTURE DISTRICT OFFICE  
 2 HASKING STREET CABOOLTURE QLD 4510  
 PO BOX 159 CABOOLTURE QLD 4510  
 Telephone: (07) 5433 0100  
 Fax:

**RIVERBANK ESTATE**  
 STAGE 16B  
 AS CONSTRUCTED  
 LANDSCAPE

SUBDIVISION REFERENCE	
DA/39595/2019/V4LE/1	
No. 1 OF 3 PLANS	
ASCON GRID NUMBER	REV.
-	A



PSM 191027  
 E: 4.95937.616  
 N: 7003052.339  
 RL: 8.767m

**Landscape As Constructed Certification**

I, \_\_\_\_\_ (landscape architect's name) \_\_\_\_\_ (AILA number)  
 being a certified/registered engineer and duly authorised representative of:  
 \_\_\_\_\_ (consulting firm or company name)

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Certification of Stage: \_\_\_\_\_ by \_\_\_\_\_ On \_\_\_\_\_ /2020.  
 (stage number) (signature) (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

**Surveyors As Constructed Certification**

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

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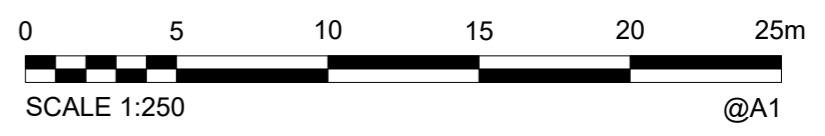
Certification of Stage: 16A by AC on 15 / 03 /2022.  
 (stage number) (signature) (date)

For WOLTER 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

- LEGEND:**
- BARRIER CONTINUOUS
  - CONCRETE PATH
  - LANDSCAPE AREA TURF
  - LANDSCAPE AREA GARDEN BED
  - LOPHOSTEMON CONFERTUS
  - GREVILLEA BAILEYANA
  - ELAEOCARPUS reticulatus
  - BARRIER

**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**

SB3594 Stage 16B

DRAWING REVISIONS		REFERENCE DRAWINGS		DESIGN FILE No.	DESIGNED
REV.	REVISION DESCRIPTION	DRG. No.	DESCRIPTION	CONSTRUCT. No.	DATE
A	AS CONSTRUCTED			SB3594/16B	JWB
				FIELD BOOK	15.03.2022
				LOG BOOK	AMDH
				LEVEL DATUM	15.03.2022
				DATUM	AHD
					MGA94

**WOLTER consulting group**

Planning Urban Design Landscape Environment Surveying

Brisbane: Level 2, 1 Breakfast Ck Road, Newstead, QLD 4006 Phone: (07) 3666 5200

SCALE 1:250 ORIGINAL SIZE A1

**Moreton Bay Regional Council**

MORETON BAY REGIONAL COUNCIL  
 CABOOLTURE DISTRICT OFFICE  
 2 HASKING STREET CABOOLTURE QLD 4510  
 PO BOX 159 CABOOLTURE QLD 4510  
 Telephone: (07) 5433 0100  
 Fax:

**RIVERBANK ESTATE**

STAGE 16B  
 AS CONSTRUCTED  
 LANDSCAPE

SUBDIVISION REFERENCE	
DA/39595/2019/V4LE/1	
No. 2 OF 3 PLANS	
ASCAN GRID NUMBER	REV.
-	A



**Landscape As Constructed Certification**

I: ..... (landscape architects name) (ALA number)  
 being a certified/registered engineer and duly authorised representative of:  
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 (stage number) (signature) (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

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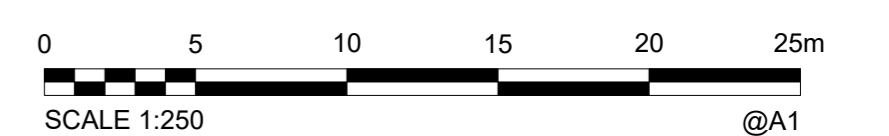
Certification of Stage: 16A by ..... On 15 / 03 / 2022.  
 (stage number) (signature) (date)

For WOLTER 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

**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.

- LEGEND:**
- BARRIER CONTINUOUS
  - CONCRETE PATH
  - LANDSCAPE AREA TURF
  - LANDSCAPE AREA GARDEN BED
  - LOPHOSTEMON CONFERTUS
  - GREVILLEA BAILEYANA
  - ELAEOCHARIS reticulatus
  - BARRIER



**AS CONSTRUCTED**

DRAWING REVISIONS		REFERENCE DRAWINGS		DESIGN FILE No.	DESIGNED
REV.	REVISION DESCRIPTION	DRG. No.	DESCRIPTION	CONSTRUCT. No.	DATE
A	AS CONSTRUCTED			SB3594/16B	JWB
				FIELD BOOK	15.03.2022
				LOG BOOK	CHECKED AMDH
				LEVEL DATUM	DATE 15.03.2022
				DATUM	AHD MGA94

**WOLTER consulting group**

Planning Urban Design Landscape Environment Surveying

Brisbane: Level 2, 1 Breakfast Ck Road, Newstead, QLD 4006 Phone: (07) 3666 5200

SCALE 1:250 ORIGINAL SIZE A1



MORETON BAY REGIONAL COUNCIL  
 CABOOLTURE DISTRICT OFFICE  
 2 HASKING STREET CABOOLTURE QLD 4510  
 PO BOX 159 CABOOLTURE QLD 4510  
 Telephone: (07) 5433 0100  
 Fax:

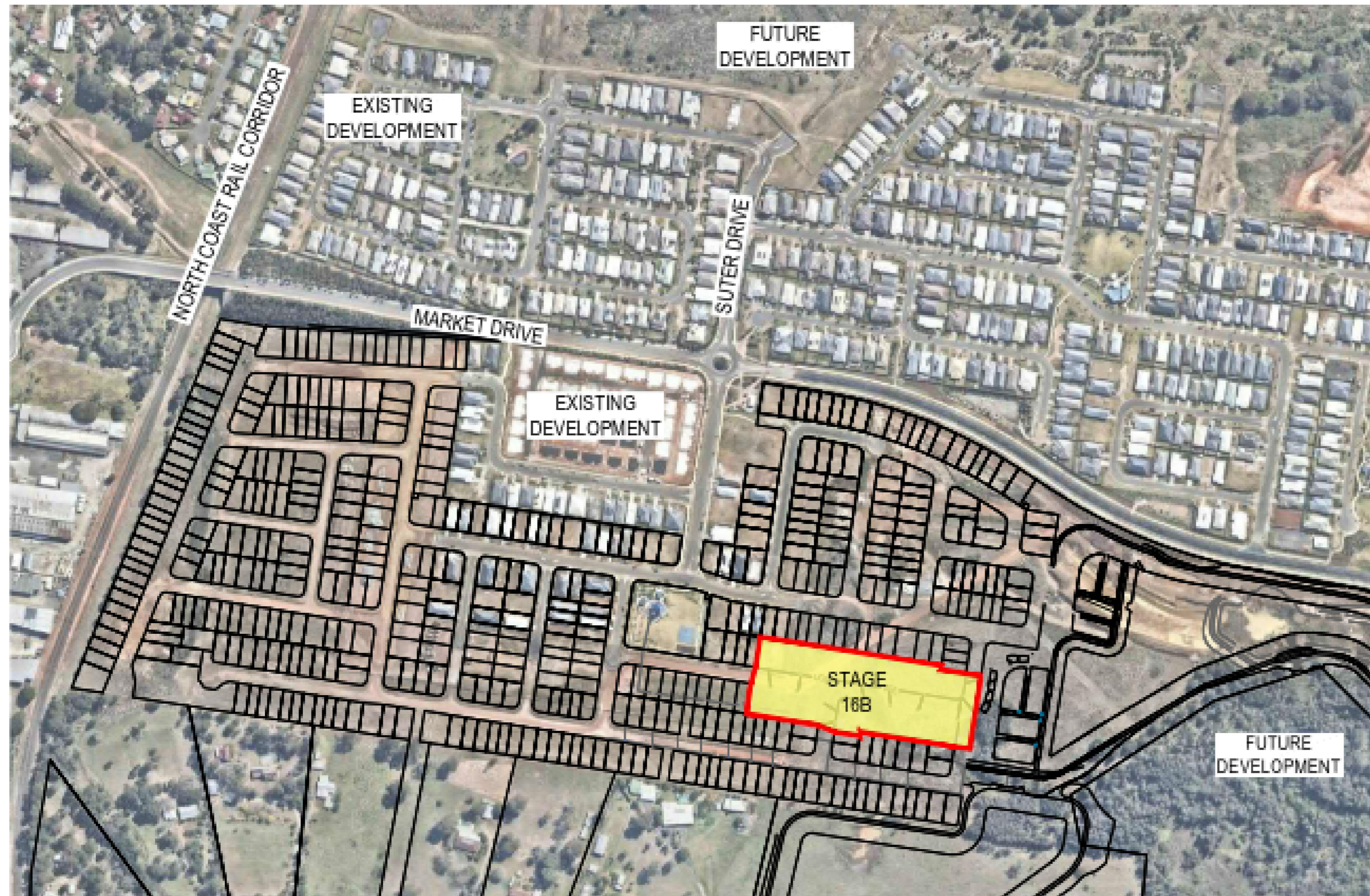
**RIVERBANK ESTATE**  
 STAGE 16B  
 AS CONSTRUCTED  
 LANDSCAPE

SUBDIVISION REFERENCE	
DA/39595/2019/V4LE/1	
No. 3 OF 3 PLANS	
ASCAN GRID NUMBER	REV.
-	A

# UNITYWATER PROJECT NUMBER 2018012713S16B

## MARKET DRIVE, CABOOLTURE SOUTH

### U-2021-3561 SEWER/WATER MAIN



DRAWING INDEX	
DRAWING NUMBER	DESCRIPTION
U-2021-3561	LOCALITY PLAN AND DRAWING INDEX
U-2021-3561 SE01	SEWER RETICULATION SHEET 1
U-2021-3561 SE02	SEWER RETICULATION SHEET 2
U-2021-3561 WA01	WATER RETICULATION SHEET 1
U-2021-3561 WA02	WATER RETICULATION SHEET 2

**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.

**ENGINEER'S CERTIFICATION**

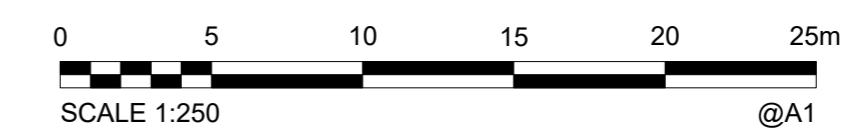
I, \_\_\_\_\_, hereby certify that:  
 1. The information contained in this drawing / document is in compliance with approved drawings and design.  
 2. The new water and sewerage works defined by this drawing have been designed and constructed in accordance with the SEQ Code.  
 3. This represents an accurate record of as-constructed works.  
 4. I accept responsibility for the information contained in this drawing / document.

\_\_\_\_\_  
 RPEQ (signature) RPEQ No. \_\_\_\_\_ Date: \_\_\_\_\_

**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.

*ALR*  
 Registered Surveyor (sig) Reg Surveyor No. 03047 Date: 13/10/2021



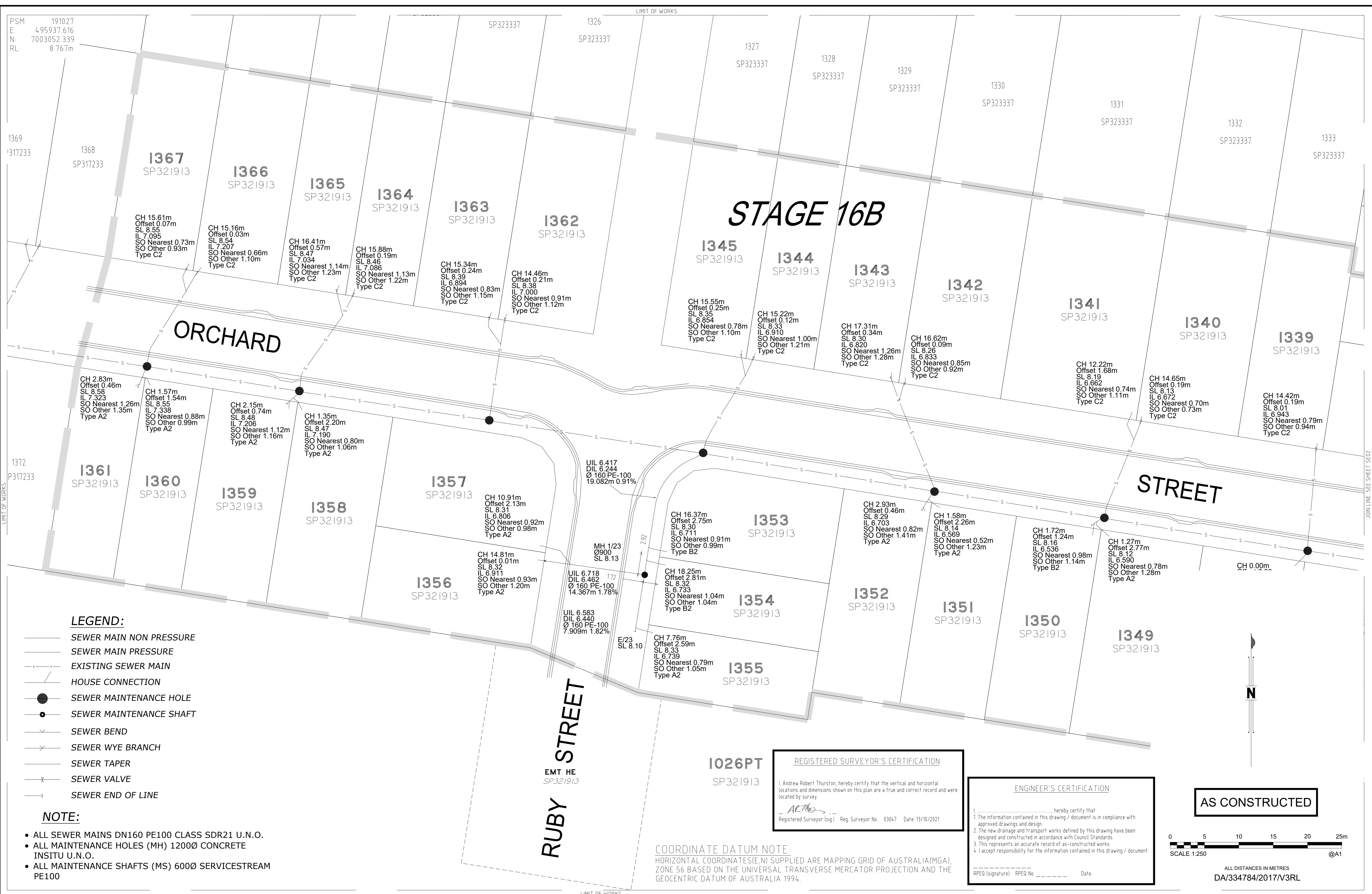
**AS CONSTRUCTED**

<b>A1</b>	INDEX	A	13/10/2021	AS CONSTRUCTED	J Braga	A Dahn	A Thurst	DRAWN	JWB	13/10/2021
	REVISIONS							CHECKED	AMD	13/10/2021
								PASSED	ART	13/10/2021
								INITIALS		DATE



Unitywater  
 2018012713S16B  
 Riverbank Estate, Stage 16B  
 Market Drive  
 AS CONSTRUCTED

SHEET 1 OF 5 SHEETS	SCALE 250
REVISION DATE 13/10/2021	REVISION A
DISCIPLINE CODE C	
DRAWING NO. U-2021-3561	



**LEGEND:**

- SEWER MAIN NON PRESSURE
- SEWER MAIN PRESSURE
- - - EXISTING SEWER MAIN
- HOUSE CONNECTION
- SEWER MAINTENANCE HOLE
- SEWER MAINTENANCE SHAFT
- SEWER BEND
- SEWER WYE BRANCH
- SEWER TAPER
- SEWER VALVE
- SEWER END OF LINE

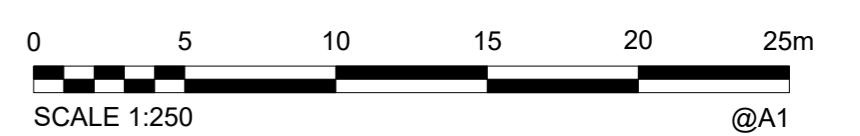
**NOTE:**

- ALL SEWER MAINS DN160 PE100 CLASS SDR21 U.N.O.
- ALL MAINTENANCE HOLES (MH) 1200Ø CONCRETE INSITU U.N.O.
- ALL MAINTENANCE SHAFTS (MS) 600Ø SERVICESTREAM PE100

**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 (s/g) Reg. Surveyor No. 03047 Date: 13/10/2021

**ENGINEER'S CERTIFICATION**  
 I, \_\_\_\_\_ hereby certify that:  
 1. The information contained in this drawing / document is in compliance with approved drawings and design.  
 2. The new drainage and transport works defined by this drawing have been designed and constructed in accordance with Council Standards.  
 3. This represents an accurate record of as-constructed works.  
 4. I accept responsibility for the information contained in this drawing / document.  
 RPED (signature) RPED No. \_\_\_\_\_ Date: \_\_\_\_\_

**AS CONSTRUCTED**



ALL DISTANCES IN METRES  
 DA/334784/2017/V3RL

**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.

A1	INDEX	DATE	AS CONSTRUCTED	REVISIONS	DRAWN	CHECKED	PASSED	INITIALS	DATE
	A	13/10/2021	AS CONSTRUCTED		J Braga	A Dahn	A Thurst		13/10/2021

**WOLTER consulting group**  
 Planning Urban Design Landscape Environment Surveying  
 Brisbane: Level 2, 1 Breakfast Ck Road, Newstead, QLD 4006 Phone: (07) 3666 5200



**Unitywater**  
 20180127135168  
 Riverbank Estate, Stage 16B  
 Market Drive  
 Sewer Reticulation

SHEET 2 OF 5 SHEETS	SCALE 250
REVISION DATE 13/10/2021	REVISION A
DISCIPLINE CODE C	
DRAWING NO. U-2021-3561-SE01	



- LEGEND:**
- SEWER MAIN NON PRESSURE
  - SEWER MAIN PRESSURE
  - EXISTING SEWER MAIN
  - HOUSE CONNECTION
  - SEWER MAINTENANCE HOLE
  - SEWER MAINTENANCE SHAFT
  - SEWER BEND
  - SEWER WYE BRANCH
  - SEWER TAPER
  - SEWER VALVE
  - SEWER END OF LINE

- NOTE:**
- ALL SEWER MAINS DN160 PE100 CLASS SDR21 U.N.O.
  - ALL MAINTENANCE HOLES (MH) 1200Ø CONCRETE INSITU U.N.O.
  - ALL MAINTENANCE SHAFTS (MS) 600Ø SERVICESTREAM PE100

**ENGINEER'S CERTIFICATION**

I, \_\_\_\_\_, hereby certify that:

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

RPEQ (signature) RPEQ No. \_\_\_\_\_ Date: \_\_\_\_\_

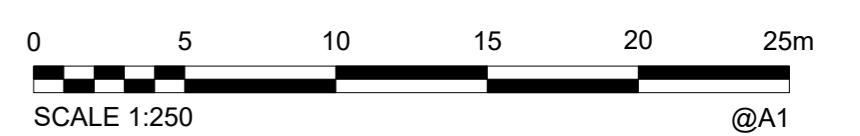
**REGISTERED SURVEYOR'S CERTIFICATION**

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.

*ARTS*  
Registered Surveyor (sig) Reg. Surveyor No. 03047 Date: 13/10/2021



**AS CONSTRUCTED**



ALL DISTANCES IN METRES  
DA/334784/2017/V3RL

**COORDINATE DATUM NOTE:**  
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<b>A1</b>	INDEX	DATE	AS CONSTRUCTED	J Braga	A Dahn	A Thurst	DRAWN	JWB	13/10/2021
	REVISIONS	DATE	AS CONSTRUCTED	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) 3666 5200



**Unitywater**

2018012713S16B  
Riverbank Estate, Stage 16B  
Market Drive  
Sewer Reticulation

SHEET 3 OF 5 SHEETS	SCALE 250
REVISION DATE 13/10/2021	REVISION A
DISCIPLINE CODE C	
DRAWING NO. U-2021-3561-SE02	



**LEGEND:**

- Ø100 PVC-U CLASS PN16 WATERMAIN
- EXISTING WATER MAIN
- DICL WATERMAIN
- READY TAP HOUSE CONNECTION
- TAPPING BAND HOUSE CONNECTION
- HYDRANT
- SLUICE VALVE
- TAPER/REDUCER
- BEND
- END CAP
- WATER SERVICE PIPE
- WATER SERVICE METER
- WATER SERVICE CONDUIT 100Ø PVC-O

**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.

*AR Thurston*  
Registered Surveyor (sig) Reg. Surveyor No. 03047 Date: 13/10/2021

**ENGINEER'S CERTIFICATION**

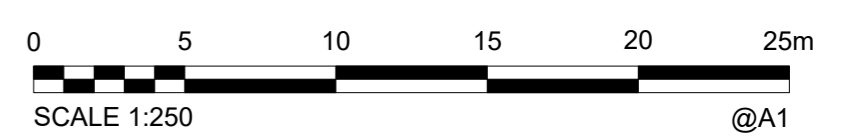
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3. This represents an accurate record of as-constructed works.
4. I accept responsibility for the information contained in this drawing / document.

\_\_\_\_\_ RPEQ (signature) RPEQ No. \_\_\_\_\_ Date: \_\_\_\_\_

**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**



ALL DISTANCES IN METRES  
DA/334784/2017/V3RL

<b>A1</b>										
INDEX	DATE	AS CONSTRUCTED	REVISIONS	DRAWN	CHECKED	PASSED	INITIALS	DATE	DRAWN	DATE
	13/10/2021	AS CONSTRUCTED		J Braga	A Dahn	A Thurston		13/10/2021		

**WOLTER**  
consulting group

Planning Urban Design Landscape Environment Surveying

Brisbane: Level 2, 1 Breakfast Ck Road, Newstead, QLD 4006 Phone: (07) 3666 5200

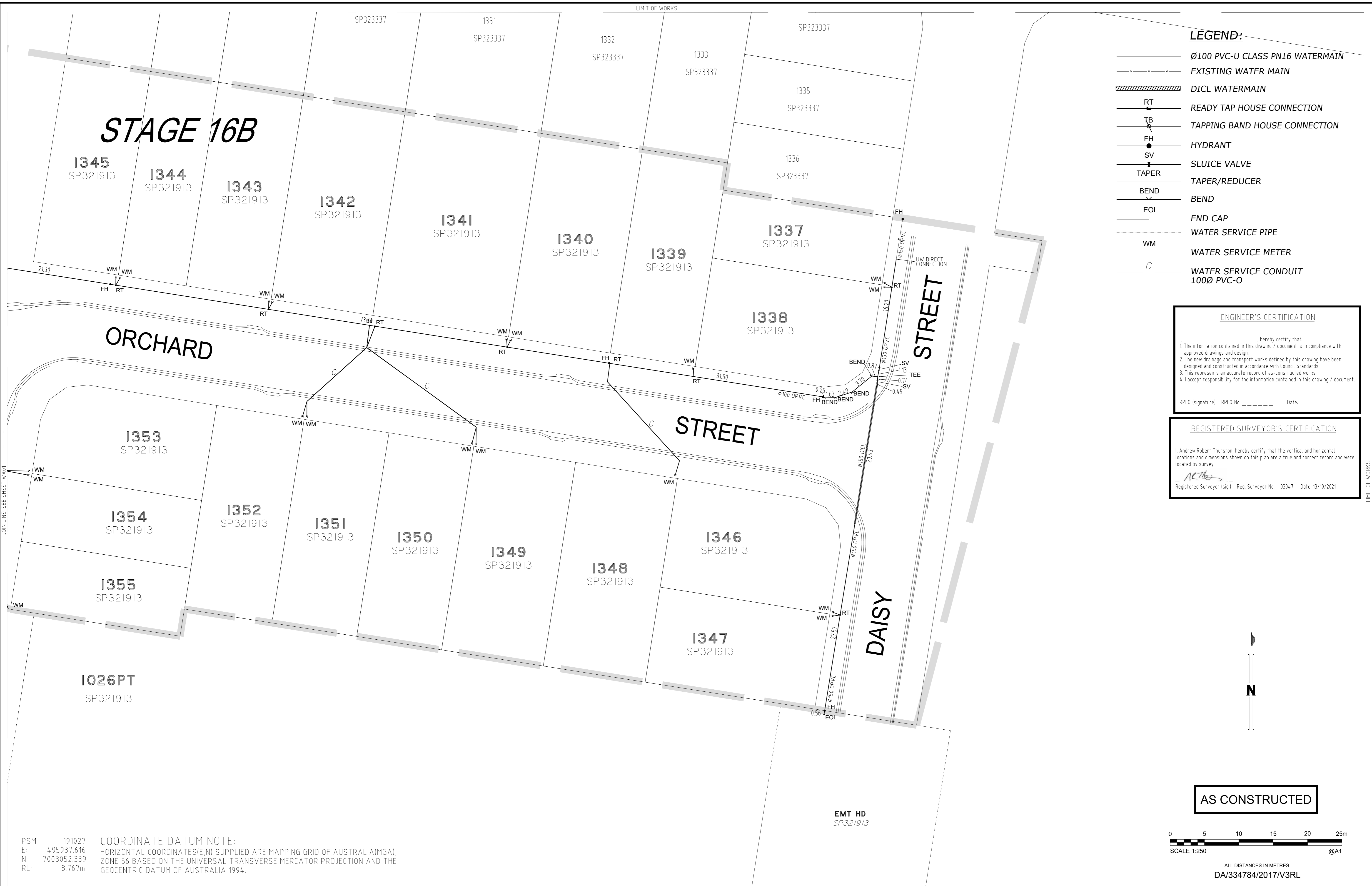


**Unitywater**

20180127135168  
Riverbank Estate, Stage 16B  
Market Drive  
Sewer Reticulation

SHEET 4 OF 5 SHEETS	SCALE 250
REVISION DATE 13/10/2021	REVISION A
DISCIPLINE CODE C	
DRAWING NO. U-2021-3561-WA01	





- LEGEND:**
- Ø100 PVC-U CLASS PN16 WATERMAIN
  - EXISTING WATER MAIN
  - DIWL WATERMAIN
  - RT READY TAP HOUSE CONNECTION
  - TB TAPPING BAND HOUSE CONNECTION
  - FH HYDRANT
  - SV SLUICE VALVE
  - TAPER TAPER/REDUCER
  - BEND BEND
  - EOL END CAP
  - WATER SERVICE PIPE
  - WM WATER SERVICE METER
  - C WATER SERVICE CONDUIT 100Ø PVC-O

**ENGINEER'S CERTIFICATION**

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RPEO (signature) RPEO No. \_\_\_\_\_ Date: \_\_\_\_\_

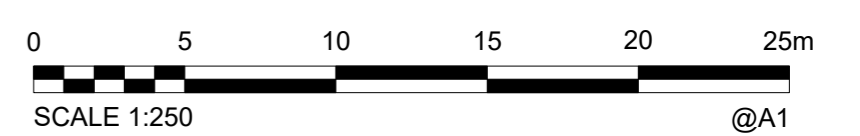
**REGISTERED SURVEYOR'S CERTIFICATION**

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*ALR*  
Registered Surveyor (sig) Reg. Surveyor No. 03047 Date: 13/10/2021



**AS CONSTRUCTED**



ALL DISTANCES IN METRES  
DA/334784/2017/V3RL

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

**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>	INDEX	DATE	AS CONSTRUCTED	REVISIONS	DRAWN	CHECKED	PASSED	INITIALS	DATE
	A	13/10/2021	AS CONSTRUCTED		J Braga	A Dahn	A Thurst		13/10/2021

**WOLTER consulting group**

Planning Urban Design Landscape Environment Surveying

Brisbane: Level 2, 1 Breakfast Ck Road, Newstead, QLD 4006 Phone: (07) 3666 5200



**Unitywater**

2018012713516B  
Riverbank Estate, Stage 16B  
Market Drive  
Sewer Reticulation

SHEET 5 OF 5 SHEETS	SCALE 250
REVISION DATE 13/10/2021	REVISION A
DISCIPLINE CODE C	
DRAWING NO. U-2021-3561-WA02	