

ENGINEER'S CERTIFICATION

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 - The new drainage, transport and surface works defined by this drawing have been designed and constructed in accordance with the SEQ Code.
 - 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 (Cad. Surv.), 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. 03047 Date: 21/11/2019

END OF PIPE SAND BAGGED AND BURIED FOR FUTURE WORKS

CHESTNUT STREET CH4.30 - CH37.96
 25mm Type 2 AC 5mm Primer Seal
 Basecourse CBR80 100mm Type 2.1
 Sub-Basecourse CBR45 100mm Type 2.3
 Lower Sub-Base CBR15 130mm Type 2.5
 CBR 5.0

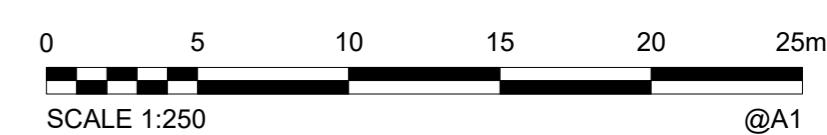
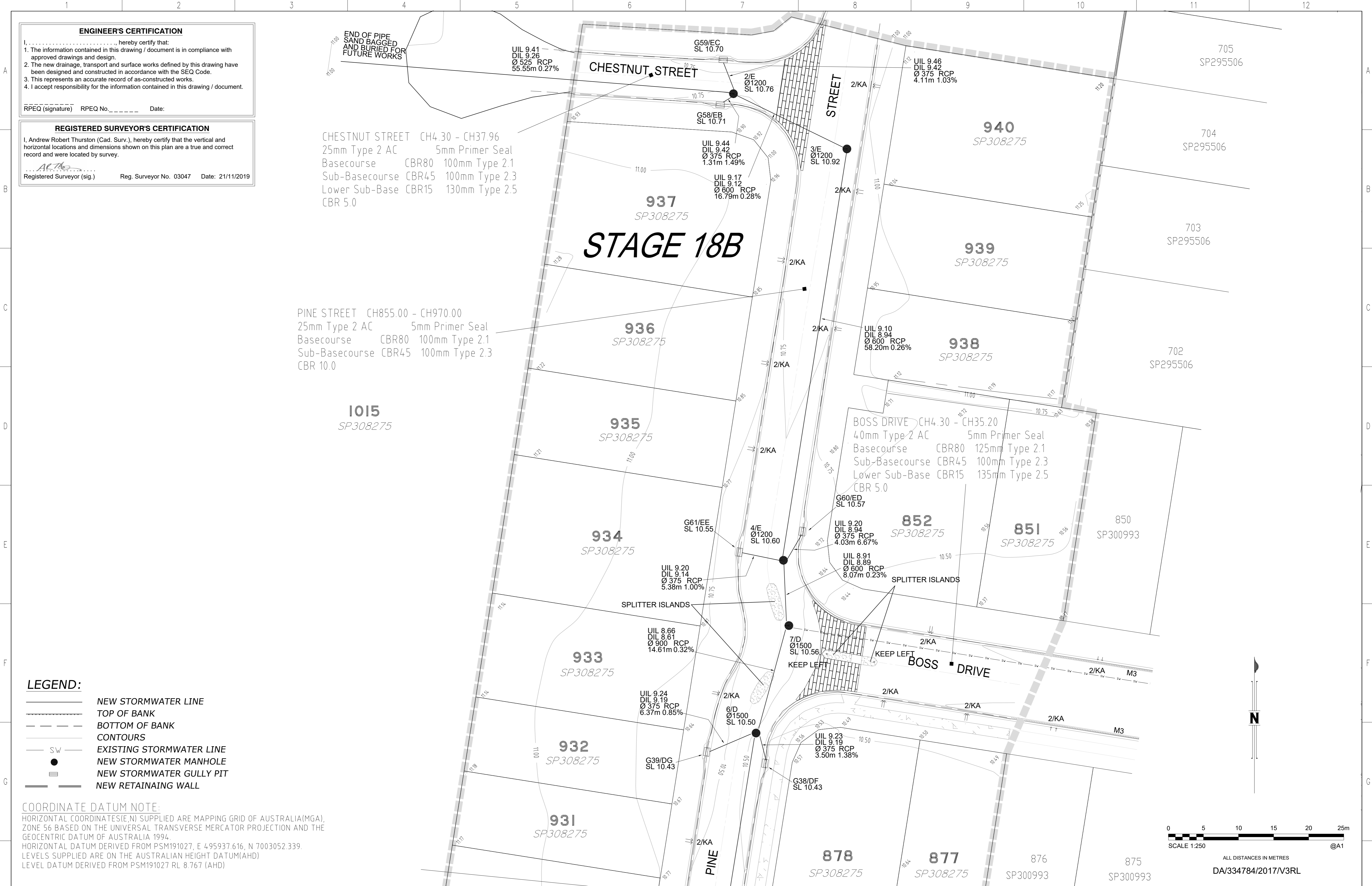
PINE STREET CH855.00 - CH970.00
 25mm Type 2 AC 5mm Primer Seal
 Basecourse CBR80 100mm Type 2.1
 Sub-Basecourse CBR45 100mm Type 2.3
 CBR 10.0

1015
 SP308275

STAGE 18B

- LEGEND:**
- NEW STORMWATER LINE
 - TOP OF BANK
 - BOTTOM OF BANK
 - CONTOURS
 - EXISTING STORMWATER LINE
 - NEW STORMWATER MANHOLE
 - NEW STORMWATER GULLY PIT
 - NEW RETAINING WALL

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.
 HORIZONTAL DATUM DERIVED FROM PSM191027, E 495937.616, N 7003052.339.
 LEVELS SUPPLIED ARE ON THE AUSTRALIAN HEIGHT DATUM (AHD)
 LEVEL DATUM DERIVED FROM PSM191027 RL 8.767 (AHD)



ALL DISTANCES IN METRES
 DA/334784/2017/V3RL

DRAWING REVISIONS		REFERENCE DRAWINGS		DESIGN FILE No.	DESIGNED	
REV.	REVISION DESCRIPTION	DRG. No.	DESCRIPTION	CONSTRUCT. No.	DATE	
A	AS CONSTRUCTED					

FIELD BOOK	CHECKED	DATE
	A. Dahn-Harvey	21/11/2019

LEVEL DATUM	AHD ID	DATE
	MGA56	21/11/2019

THIS WORK WAS PREPARED BY:

WOLTER
 consulting group

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: (07) 5433 4000

RIVERBANK ESTATE
 STAGE 18B
 AS CONSTRUCTED
 ROADS AND DRAINAGE

MBRC SUBDIVISION REFERENCE	
DA/34784/2017/V4D2	
No. 1 OF 2 PLANS	
ASCON GRID NUMBER	REV.
	A

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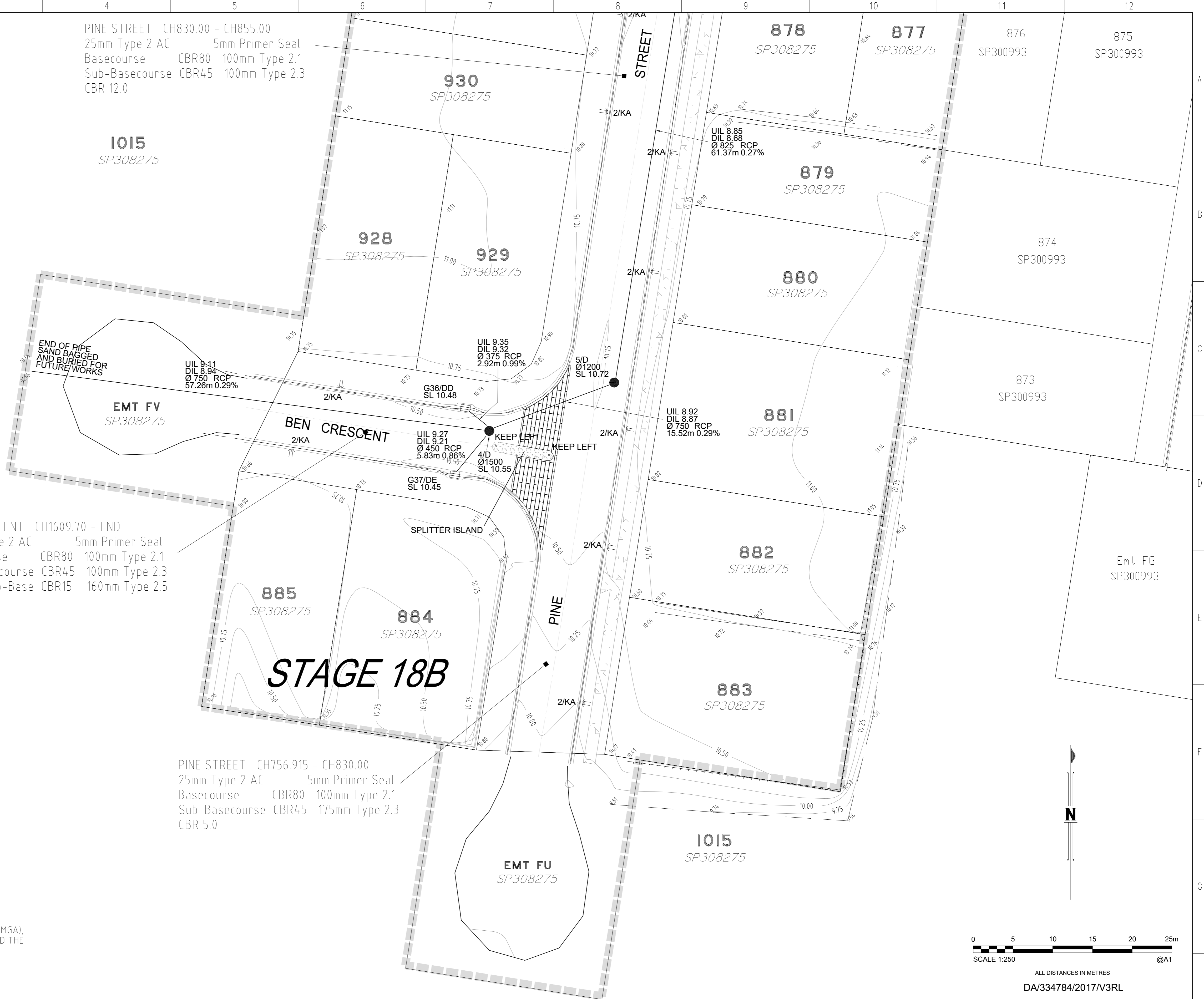
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Registered Surveyor (sig.) Reg. Surveyor No. 03047 Date: 21/11/2019

PINE STREET CH830.00 - CH855.00
 25mm Type 2 AC 5mm Primer Seal
 Basecourse CBR80 100mm Type 2.1
 Sub-Basecourse CBR45 100mm Type 2.3
 CBR 12.0

BEN CRESCENT CH1609.70 - END
 25mm Type 2 AC 5mm Primer Seal
 Basecourse CBR80 100mm Type 2.1
 Sub-Basecourse CBR45 100mm Type 2.3
 Lower Sub-Base CBR15 160mm Type 2.5
 CBR 3.0

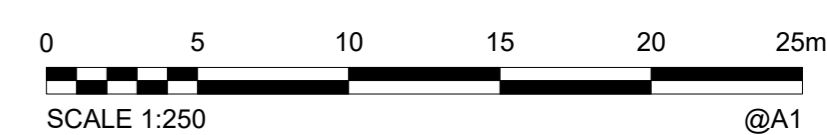
PINE STREET CH756.915 - CH830.00
 25mm Type 2 AC 5mm Primer Seal
 Basecourse CBR80 100mm Type 2.1
 Sub-Basecourse CBR45 175mm Type 2.3
 CBR 5.0



LEGEND:

- NEW STORMWATER LINE
- TOP OF BANK
- BOTTOM OF BANK
- CONTOURS
- EXISTING STORMWATER LINE
- NEW STORMWATER MANHOLE
- NEW STORMWATER GULLY PIT
- NEW RETAINING WALL

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DA/334784/2017/V3RL

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REV.	REVISION DESCRIPTION	DRG. No.	DESCRIPTION	CONSTRUCT. No.	DATE	DATE	DATE
A	AS CONSTRUCTED			SB3594/18B	21/11/2019	J Braga	

THIS WORK WAS PREPARED BY:

WOLTER
 consulting group

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: (07) 5433 4000

RIVERBANK ESTATE
 STAGE 18B
 AS CONSTRUCTED
 ROADS AND DRAINAGE

MBRC SUBDIVISION REFERENCE	
DA/34784/2017/V4D2	
No. 2 OF 2 PLANS	
ASCON GRID NUMBER	REV.
	A

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 Registered Surveyor (sig.) Reg. Surveyor No. 03047 Date: 21/11/2019

- LEGEND:**
- NEW STORMWATER LINE
 - TOP OF BANK
 - BOTTOM OF BANK
 - CONTOURS
 - Sw — EXISTING STORMWATER LINE
 - NEW STORMWATER MANHOLE
 - NEW STORMWATER GULLY PIT
 - NEW RETAINING WALL

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A	AS CONSTRUCTED			SB3594/18B	21/11/2019	J Braga
						A Dahn-Harvey
					21/11/2019	

THIS WORK WAS PREPARED BY:



MORETON BAY REGIONAL COUNCIL
 CABOOLTURE DISTRICT OFFICE
 2 HASKING STREET CABOOLTURE QLD 4510
 PO BOX 159 CABOOLTURE QLD 4510
 Telephone: (07) 5433 0100
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RIVERBANK ESTATE
 STAGE 18B
 AS CONSTRUCTED
 ROAD PAVEMENT DEPTHS

MBRC SUBDIVISION REFERENCE	
DA/34784/2017/V4D2	
No. 1 OF 2 PLANS	
ASCAN GRID NUMBER	REV.
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SCALE 1:250 ORIGINAL SIZE A1

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Andrew Thurston
 Registered Surveyor (sig.) Reg. Surveyor No. 03047 Date: 21/11/2019



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- NEW STORMWATER LINE
- TOP OF BANK
- BOTTOM OF BANK
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						A Dahn-Harvey
					21/11/2019	

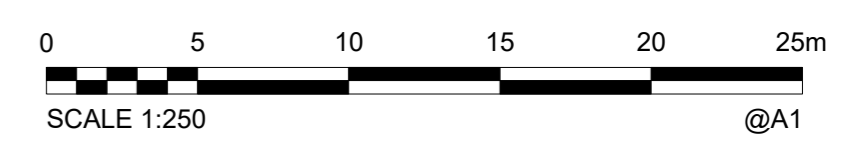
THIS WORK WAS PREPARED BY:

 WOLTER consulting group
 11/11/2019
 SCALE 1:250 ORIGINAL SIZE A1

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RIVERBANK ESTATE
 STAGE 18B
 AS CONSTRUCTED
 ROAD PAVEMENT DEPTHS

MBRC SUBDIVISION REFERENCE
 DA/34784/2017/V4D2
 No. 2 OF 2 PLANS
 ASCON GRID NUMBER REV.
 A



DA/334784/2017/V3RL

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1015
SP308275

LEGEND:

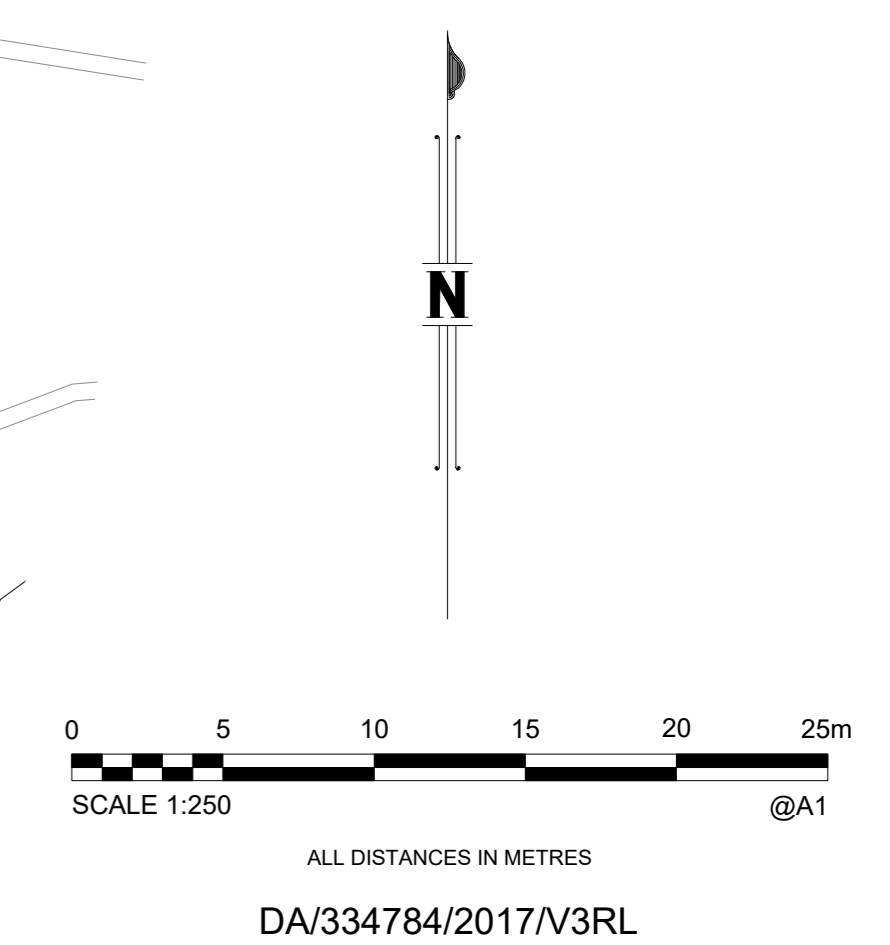
- NEW SEWER MAIN
- s- EXISTING SEWER MAIN
- / NEW HOUSE CONNECTION
- SEWER MAINTENANCE HOLE
- SEWER MAINTENANCE SHAFT U.N.O.
- SEWER EOL

NOTE:

- ALL SEWER MAINS DN160 PE100 CLASS SDR21 U.N.O.
- ALL MAINTENANCE HOLES (MH) 900Ø CONCRETE INSITU U.N.O.
- ALL MAINTENANCE SHAFTS (MS) 600Ø SERVICESTREAM PE100

COORDINATE DATUM NOTE:

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LEVELS SUPPLIED ARE ON THE AUSTRALIAN HEIGHT DATUM(AHD)
LEVEL DATUM DERIVED FROM PSM191027 RL 8.767 (AHD)



A1

INDEX	DATE	AS CONSTRUCTED	REVISIONS
A	21/11/2019	AS CONSTRUCTED	

DRAWN	CHECKED	PASSED	INITIALS	DATE
J.Braga	A.Dahn-Harvey	A.Thurston		21/11/2019

WOLTER consulting group

Planning Urban Design Landscape Environment Surveying

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



Unitywater

SB3594/18B
RIVERBANK ESTATE STAGE 18B
AS CONSTRUCTED
SEWER RETICULATION

SHEET 1 OF 4 SHEETS	SCALE 250
REVISION DATE 21/11/2019	REVISION A
DISCIPLINE CODE C	
DRAWING NO. U-2019-1652	

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AT
Registered Surveyor (sig) Reg. Surveyor No. 03047 Date: 21/11/2019



LEGEND:

- NEW SEWER MAIN
- - - EXISTING SEWER MAIN
- - - NEW HOUSE CONNECTION
- SEWER MAINTENANCE HOLE
- SEWER MAINTENANCE SHAFT U.N.O.
- SEWER EOL

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ALL DISTANCES IN METRES

DA/334784/2017/V3RL

A1

INDEX	DATE	AS CONSTRUCTED	REVISIONS
A	21/11/2019	AS CONSTRUCTED	

DRAWN	CHECKED	PASSED	INITIALS	DATE
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WOLTER consulting group

Planning Urban Design Landscape Environment Surveying

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



Unitywater

SB3594/18B
RIVERBANK ESTATE STAGE 18B
AS CONSTRUCTED
SEWER RETICULATION

SHEET 2 OF 4 SHEETS	SCALE 250
REVISION DATE 21/11/2019	REVISION A
DISCIPLINE CODE C	
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Registered Surveyor (sig) Reg. Surveyor No. 03047 Date: 21/11/2019

1015
SP308275

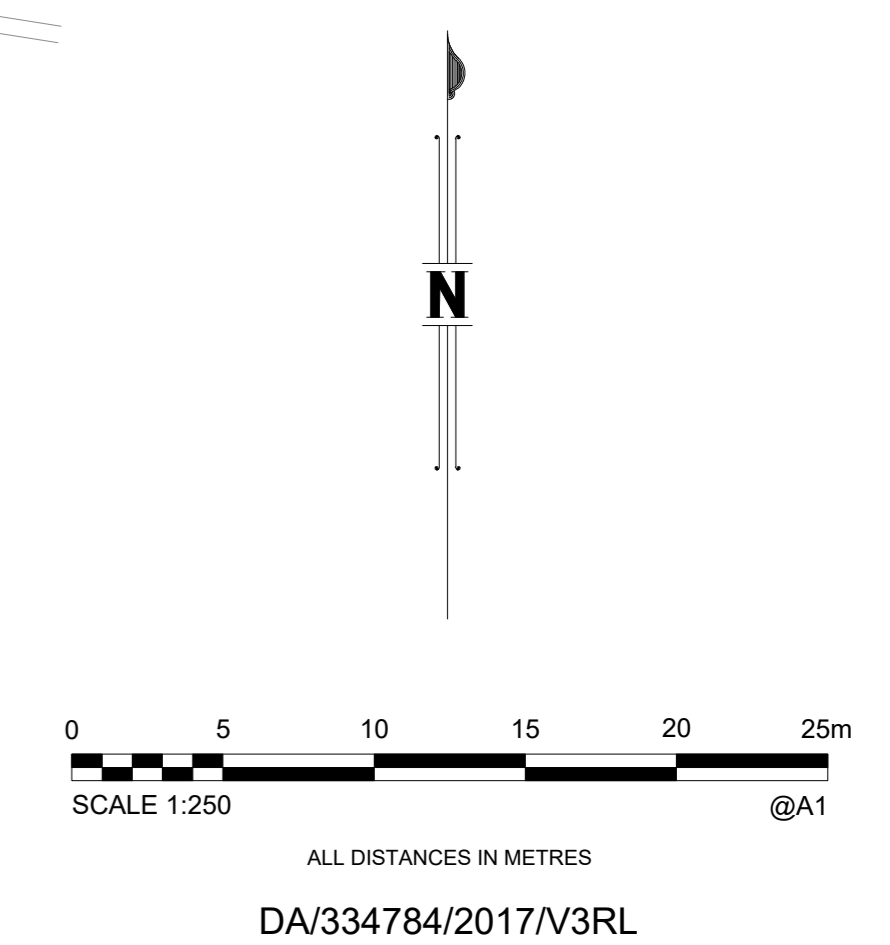


LEGEND:

- NEW Ø100 PVC-O CLASS PN16 WATERMAIN OR Ø150 PVC-O CLASS PN16 WATERMAIN - AS NOTED
- NEW READY TAP HOUSE CONNECTION
- NEW HYDRANT
- NEW SLUICE VALVE
- NEW END CAP
- NEW WATER SERVICE CONDUIT 1000 PVC-O
- EXISTING WATER MAIN
- NEW WATER SERVICE CONNECTION 20mm MANUFACTURER - ELSTER
- DICL WATERMAIN

COORDINATE DATUM NOTE:

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A1

INDEX	DATE	AS CONSTRUCTED	REVISIONS	DRAWN	CHECKED	PASSED
A	21/11/2019	AS CONSTRUCTED		J.Braga	A.Dahn-Harvey	A.Thurston

INITIALS	DATE
J.Braga	21/11/2019
A.Dahn-Harvey	21/11/2019
A.Thurston	21/11/2019

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



Unitywater
 SB3594/18B
 RIVERBANK ESTATE STAGE 18B
 AS CONSTRUCTED
 WATER RETICULATION

SHEET 3 OF 4 SHEETS	SCALE 250
REVISION DATE 02/12/2019	REVISION A
DISCIPLINE CODE C	
DRAWING NO. U-2019-1652	

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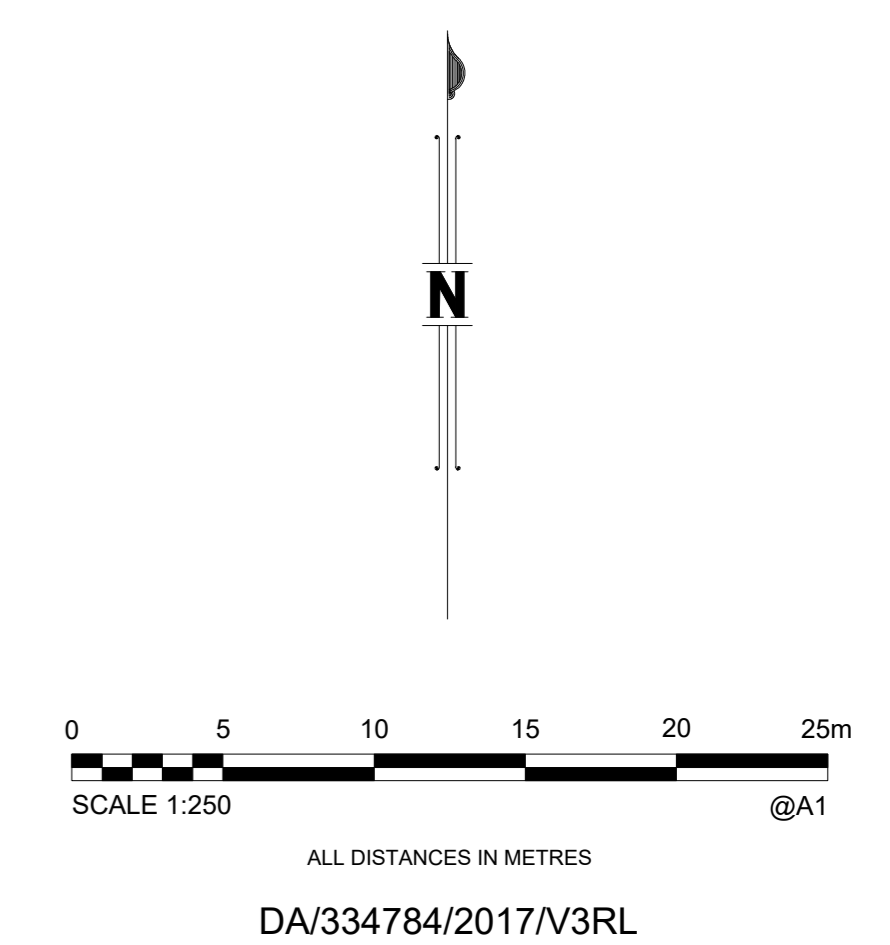


LEGEND:

- NEW Ø100 PVC-O CLASS PN16 WATERMAIN OR Ø150 PVC-O CLASS PN16 WATERMAIN - AS NOTED
- RT NEW READY TAP HOUSE CONNECTION
- FH NEW HYDRANT
- SV NEW SLUICE VALVE
- EOL NEW END CAP
- C NEW WATER SERVICE CONDUIT 100Ø PVC-O
- w EXISTING WATER MAIN
- WM NEW WATER SERVICE CONNECTION 20mm MANUFACTURER - ELSTER
- DI CL WATERMAIN

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



Unitywater

SB3594/18B
 RIVERBANK ESTATE STAGE 18B
 AS CONSTRUCTED
 WATER RETICULATION

SHEET 4 OF 4 SHEETS	SCALE 250
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