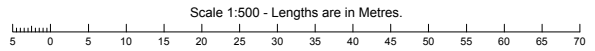


ADAC Verification Plot  
 Project Name: 833 Stage 4  
 Description: Subdivision  
 Works Approved: 03/09/18/2021  
 Receiver: Logan City  
 Construction date: 2022-03-22  
 Status: As Constructed  
 ADAC version: 5.0.1  
 Horizontal coordinate: MGA zone 56 (102494)  
 Vertical datum: AHD derived  
 North Vertical Origin: PM130385, RL 15.546  
 Surveyor: Saunders Havill Group (Reg. ID 461)  
 Engineer: Empower  
 Note: See ADAC xml file for full attribute information

**ENGINEER'S CERTIFICATION -** LCC REF. OW/182/2021  
 I, PETER INGERMAN  
 being a Consulting Engineer and duly authorised representative of -  
 EMPOWER ENGINEERS AND PROJECT MANAGERS  
 hereby:-  
 # certify the information contained in this drawing is generally in accordance with the approved design and is an accurate "as constructed" representation of the works;  
 # accept responsibility for the "as constructed" information contained in this drawing; and  
 # acknowledge the "as constructed" information contained in the drawing may be relied on by the LOGAN CITY COUNCIL and others.  
 Certification for Stage 4 by *[Signature]* on 19/05/22  
 For: EMPOWER ENGINEERS AND PROJECT MANAGERS RPEQ 9424

**REGISTERED SURVEYOR'S CERTIFICATION**  
 Saunders Havill Group Pty Ltd, Registered Surveyor, 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.  
*[Signature]*  
 Authorised Signatory Reg. Surveyor No. 4611 Date: 19/05/2022



**SH saunders havill group** Saunders Havill Group Pty Ltd ABN 24 144 972 949  
 Brisbane Springfield Rockhampton  
 head office 9 Thompson St Bowen Hills Q 4006  
 phone 1300 123 SHG web www.saundershavill.com  
 ■ surveying ■ town planning ■ urban design ■ environmental management ■ landscape architecture

No.	Drawn	Date	Description	Checked
A	CM	03/05/2022	Original Issue	SB

**AS CONSTRUCTED**  
**WATER RETICULATION - KEY MAP**  
 Project: THE BANKS - STAGE 4  
 Client: URBEX PTY LTD

Surveyed: NC/BH Date: May 2022  
 Level Datum: AHD der.  
 Origin of Levels: PM130385  
 RL of Origin: RL15.546

Lot Description: Lots 1-34 & 903 on SP13774  
 Locality: Logan Reserve  
 Local Government: Logan City

**■ surveying**  
 Scale @A1 1:500  
 @A3 1:1000  
 Dwg No. 8131 S 61 A AC



**LEGEND**

- WATER MAIN (Diameter, materials and class may vary) ——— 100 ———  
 (Symbol:  $\phi 100$  PVC-M PN16)
- EXISTING WATER MAIN (Symbol: - - - w - - - w - - -)
- FIRE HYDRANT (Symbol: FH)
- VALVE (Symbol:  $\blacktriangle$ )
- REDUCER (Symbol:  $\blacktriangleright$ )
- TAPPING BAND (Symbol: T)
- CONDUIT (Symbol: - - - c - - -)



**SCHEDULE OF FITTINGS**

- ①  $\phi 100$  22.5° BEND
- ②  $\phi 100$  45° BEND
- ③  $\phi 100$  90° BEND
- ④  $\phi 100$  ISOLATING VALVE
- ⑤  $\phi 100$  HYDRANT TEE
- ⑥  $\phi 100$  DUCK-FOOT HYDRANT
- ⑦  $\phi 100$  11.25° VERTICAL BEND

**ADAC Verification Plot**

Project Name: 8131 Stage 4	ADAC version: 5.0.1
Description: Subdivision	Horizontal coordinates: MGA zone 56 (GDA94)
Works Approval ID: OW/182/2021	Vertical datum: AHD derived
Receiver: Logan City	Notes: Vertical Origin: PMI30385, RL 15.546
Construction date: 2022-02-22	Surveyor: Saunders Havill Group (Reg ID 4611)
Status: As Constructed	Engineer: Empower

Note: See ADAC xml file for full attribute information

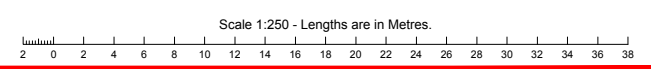
**ENGINEER'S CERTIFICATION -** LCC REF. OW/182/2021

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 Certification for Stage 4 by [Signature] on 19/05/22  
 For: EMPOWER ENGINEERS AND PROJECT MANAGERS RPEQ 9424

**REGISTERED SURVEYOR'S CERTIFICATION**

Saunders Havill Group Pty Ltd, Registered Surveyor, 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.

[Signature]  
 Authorised Signatory Reg. Surveyor No. 4611 Date: 19/05/2022



**saunders havill group**  
 Saunders Havill Group Pty Ltd ABN 24 144 972 949  
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No.	Drawn	Date	Description	Checked
A	CM	03/05/2022	Original Issue	SB

Plan of **AS CONSTRUCTED WATER RETICULATION**

Project **THE BANKS - STAGE 4**

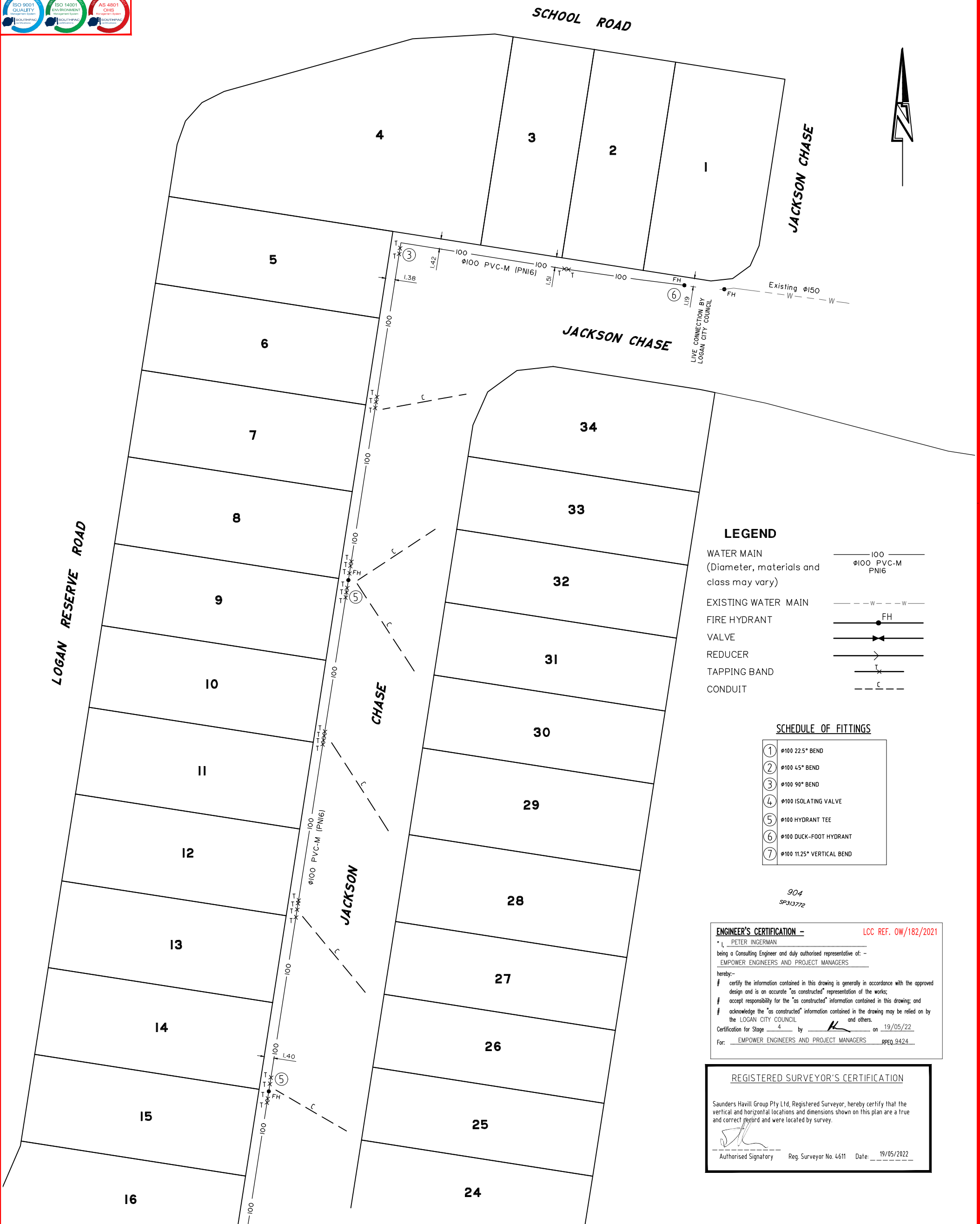
Client **URBEX PTY LTD**

Surveyed	Date	Lot Description
NC/BH	May 2022	Lots 1-34 & 903 on SP313774
Level Datum: AHD der.		Locality: Logan Reserve Local Government: Logan City
Origin of Levels: PM130385 RL of Origin: RL15.546		

**surveying** SHEET 2 OF 3

Scale @A1 1: 250  
 @A3 1: 500

Dwg No. **8131 S 61 A AC**



**LEGEND**

- WATER MAIN (Diameter, materials and class may vary) — 100 —  
 φ100 PVC-M (PN16)
- EXISTING WATER MAIN — — — — — W — — — — — W
- FIRE HYDRANT — ● —
- VALVE — <—> —
- REDUCER — > —
- TAPPING BAND — T —
- CONDUIT — — — — — C — — — — —

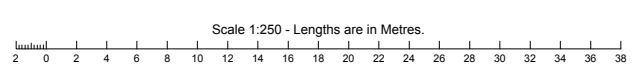
**SCHEDULE OF FITTINGS**

- ① φ100 22.5° BEND
- ② φ100 45° BEND
- ③ φ100 90° BEND
- ④ φ100 ISOLATING VALVE
- ⑤ φ100 HYDRANT TEE
- ⑥ φ100 DUCK-FOOT HYDRANT
- ⑦ φ100 11.25° VERTICAL BEND

904  
SP313772

**ENGINEER'S CERTIFICATION -** LCC REF. OW/182/2021  
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**REGISTERED SURVEYOR'S CERTIFICATION**  
 Saunders Havill Group Pty Ltd, Registered Surveyor, 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.  
 [Signature] Authorised Signatory Reg. Surveyor No. 4611 Date: 19/05/2022



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A	CM	03/05/2022	Original Issue	SB

**AS CONSTRUCTED**  
**WATER RETICULATION**  
 Project: THE BANKS - STAGE 4  
 Client: URBEX PTY LTD

Surveyed: NC/BH Date: May 2022  
 Level Datum: AHD der.  
 Origin of Levels: PM130385  
 RL of Origin: RL15.546

Lot Description: Lots 1-34 & 903 on SP313774  
 Locality: Logan Reserve  
 Local Government: Logan City

Scale @A1 1:250  
 @A3 1:500  
 Dwg No. 8131 S 61 A AC