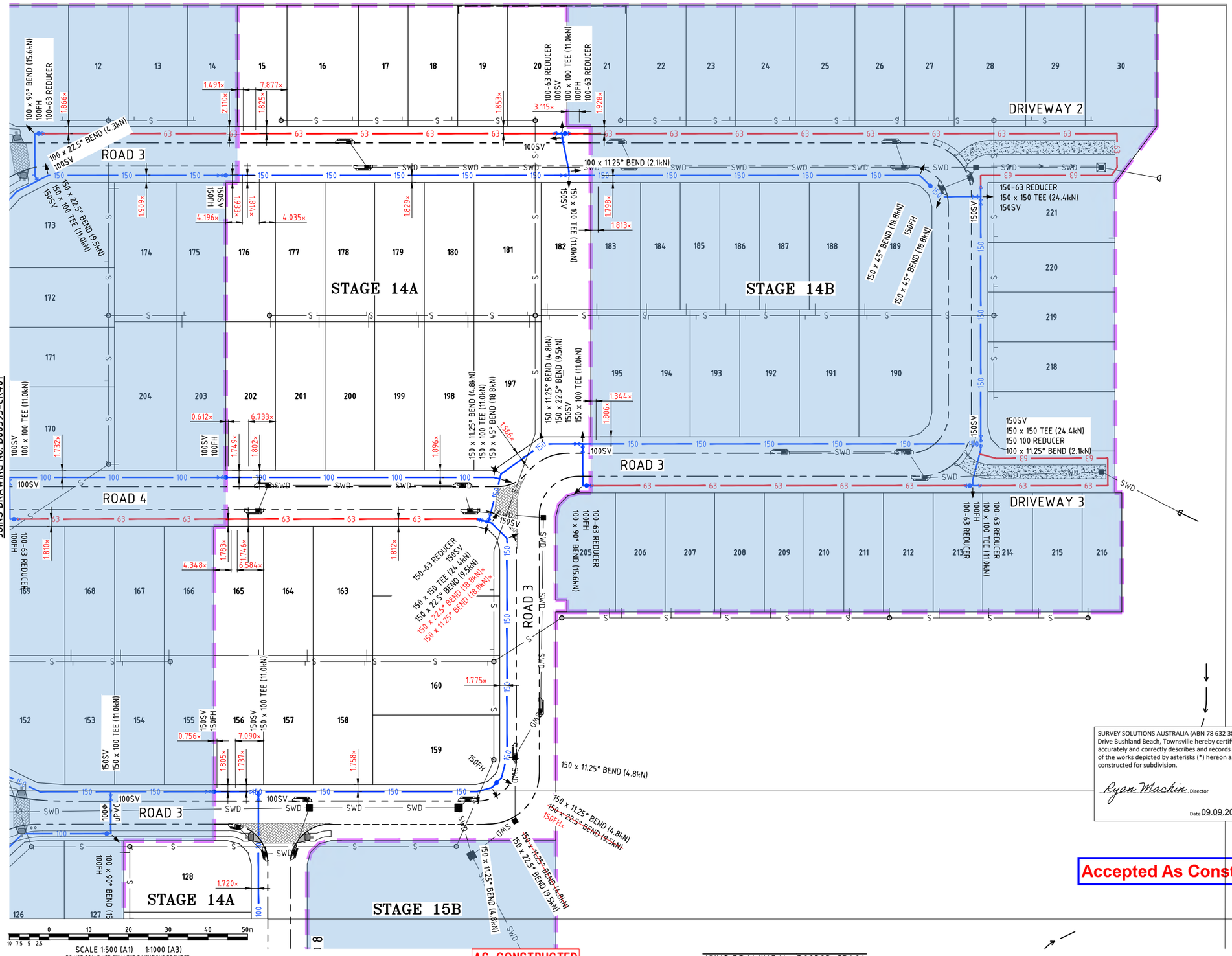


## LEGEND

- STAGE BOUNDARY
- SUBSTAGE BOUNDARY
- LOT BOUNDARY
- BARRIER TYPE KERB AND CHANNEL
- MOUNTABLE TYPE KERB AND CHANNEL
- 63 — DN63 PE WATER MAIN
- 80 — DN80 DICL IRRIGATION LINE
- 100 — DN100 uPVC WATER MAIN
- 150 — DN150 uPVC WATER MAIN
- 300 — DN300 TRUNK WATER MAIN BY OTHERS NOT PART OF SUBDIVISION WORKS
- 355 — DN355 TRUNK WATER MAIN BY OTHERS NOT PART OF SUBDIVISION WORKS
- 375 — DN375 TRUNK WATER MAIN BY OTHERS NOT PART OF SUBDIVISION WORKS
- IRRIGATION ENVELOPER CONDUIT AS PER LANDSCAPE DRAWINGS
- SWD — STORMWATER DRAINAGE
- STORMWATER MAINTENANCE HOLE
- STORMWATER CATCHPITS
- S — SEWER RETICULATION

### SYMBOLS

- HYDRANT TEE — FH
- ISOLATION VALVE — SV
- GATE VALVE — 50GV
- END CAP
- THRUST BLOCK

## WATER NOTES

1. ALL WATER MAINS TO BE LOCATED 1.8m ALIGNMENT OFFSET FROM PROPERTY BOUNDARIES UNLESS SHOWN OTHERWISE.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH TOWNSVILLE CITY COUNCIL STANDARD DRAWINGS (WATER).
3. ALL uPVC MAINS TO BE SERIES 2, PN16 TO AS/NZS 1477 RUBBER RING JOINTED, WITH SOCKETED D.I.C.L. FITTINGS UNLESS NOTED OTHERWISE.
4. CONNECTION TO EXISTING WATER MAINS TO BE CARRIED OUT BY TOWNSVILLE CITY COUNCIL AT THE CONTRACTOR'S COST.
5. CONTRACTOR TO VERIFY ALL UNDERGROUND SERVICES WITH THE RELATIVE AUTHORITIES PRIOR TO ANY EXCAVATION.
6. WHERE REQUIRED uPVC WATER MAINS SHALL BE DIVERTED UNDER STORMWATER LINES BY WAY OF 4x45° BENDS OR BY PIPE DEFLECTION IN ø63 POLY PIPE.

SURVEY SOLUTIONS AUSTRALIA (ABN 78 632 383 316), 49 Goicoechea Drive Bushland Beach, Townsville hereby certify that this Drawing accurately and correctly describes and records the nature and location of the works depicted by asterisks (*) hereon as they have been constructed for subdivision.

Ryan Machin Director

Date 09.09.2024

## AS CONSTRUCTED CERTIFICATION

THE WORK ON THIS DRAWING HAS BEEN CONSTRUCTED GENERALLY IN ACCORDANCE WITH THE DESIGN DRAWINGS AND THE INTENT OF THE GUIDELINES OF TOWNSVILLE CITY COUNCIL

APPROVED : RPEQ: 12732

for and on behalf of Empower Engineer & Project Managers

Accepted As Constructed

NOTE:-
THIS AS CONSTRUCTED CERTIFICATION IS RELEVANT TO STAGE 14A ONLY.

AS CONSTRUCTED

Registered Engineer 9/9/2024 Date 12732 Register

ENGINEERING CERTIFICATION

| No. | Amendments | Drawn | Design | Design Chk | Appd | Date |
|---|---|---|---|---|---|---|
| 0 | AS CONSTRUCTED | NC | LW | CH | CH | 29/07/24 |

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THE Reserve
From the developers of Kalynda Chase
urbex designed for life

Empower ENGINEERS & PROJECT MANAGERS ABN 23 010 743 692

| | |
|---|---|
| Client | URBEX PTY LTD |
| Project | THE RESERVE - STAGE 14A |
| Title | WATER RETICULATION LAYOUT SHEET 1 OF 2 |

Datum AHD PSM 200645 RL 14.410 (MGA) COORD

AS CONSTRUCTED

| Project No. | Drawing No. | Rev |
|---|---|---|
| B00393-CW401 | | 0 |

Document Set ID: 26082796
Version: 1, Version Date: 11/09/2024
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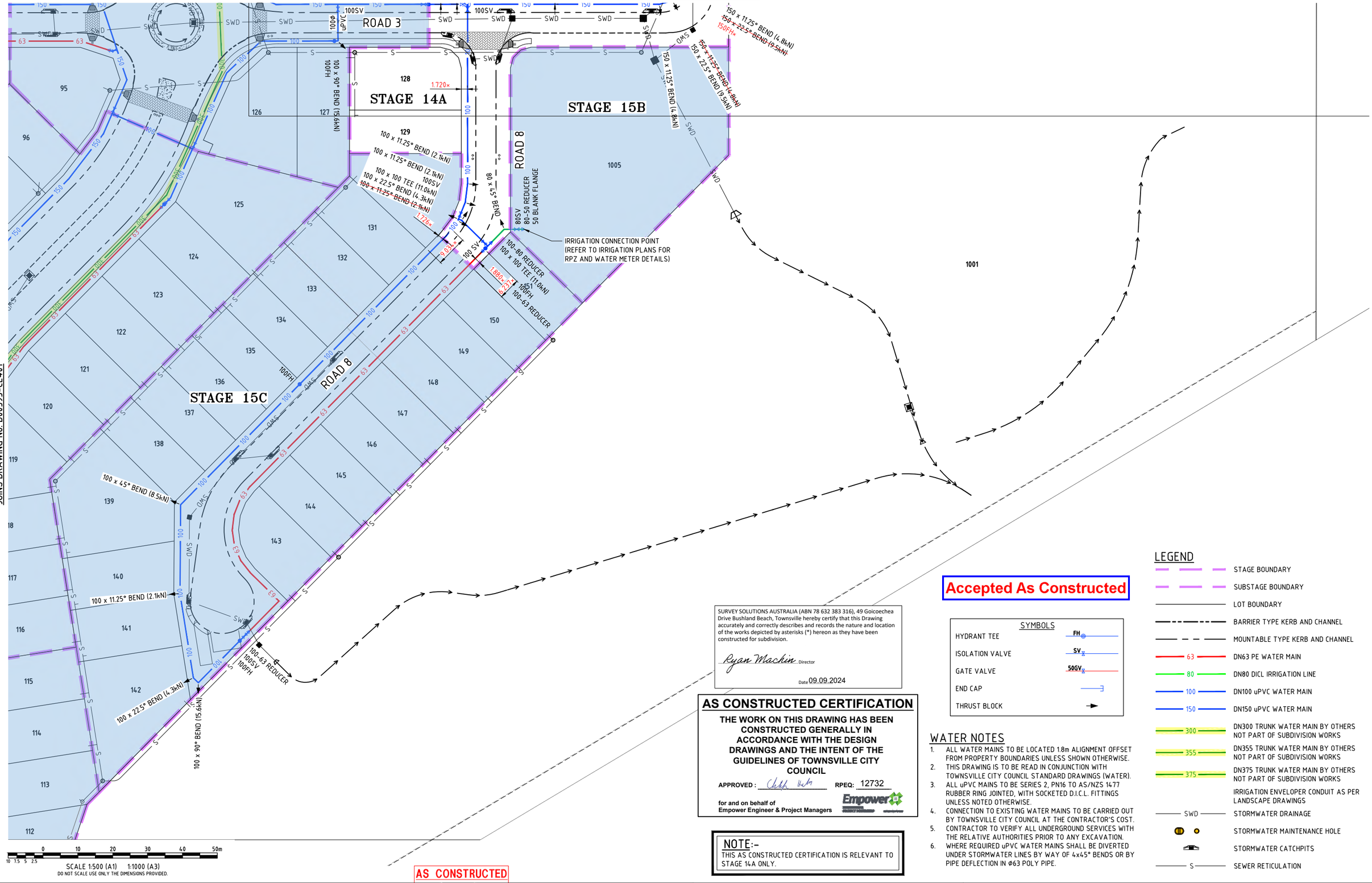
JOINS DRAWING No. B00393-CE402

JOINS DRAWING No. B00393-CE401




0 10 20 30 40 50m

10 7.5 5 2.5

SCALE 1:500 (A1) 1:1000 (A3)

DO NOT SCALE USE ONLY THE DIMENSIONS PROVIDED.

SURVEY SOLUTIONS AUSTRALIA (ABN 78 632 383 316), 49 Goicoechea Drive Bushland Beach, Townsville hereby certify that this Drawing accurately and correctly describes and records the nature and location of the works depicted by asterisks (*) hereon as they have been constructed for subdivision.

Ryan Machin Director

Date 09.09.2024

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for and on behalf of
Empower Engineer & Project Managers

NOTE:-
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**Accepted As Constructed**

SYMBOLS

| | |
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| ISOLATION VALVE | SV |
| GATE VALVE | 50GV |
| END CAP | |
| THRUST BLOCK | |

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ENGINEERING CERTIFICATION

| No. | Amendments | Drawn | Design | Design Chk | Appd | Date |
|---|---|---|---|---|---|---|
| 0 | AS CONSTRUCTED | NC | LW | CH | CH | 29/07/24 |

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THE Reserve
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urbex designed for life

Empower
ENGINEERS & PROJECT MANAGERS
ABN 23 010 743 692

Client: URBEX PTY LTD

Project: THE RESERVE - STAGE 14A

Title: WATER RETICULATION LAYOUT SHEET 2 OF 2

Datum: AHD
PSM 200645
RL 14.410
(MGA) COORD

AS CONSTRUCTED

Project No. B00393 Drawing No. CW402 Rev 0

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