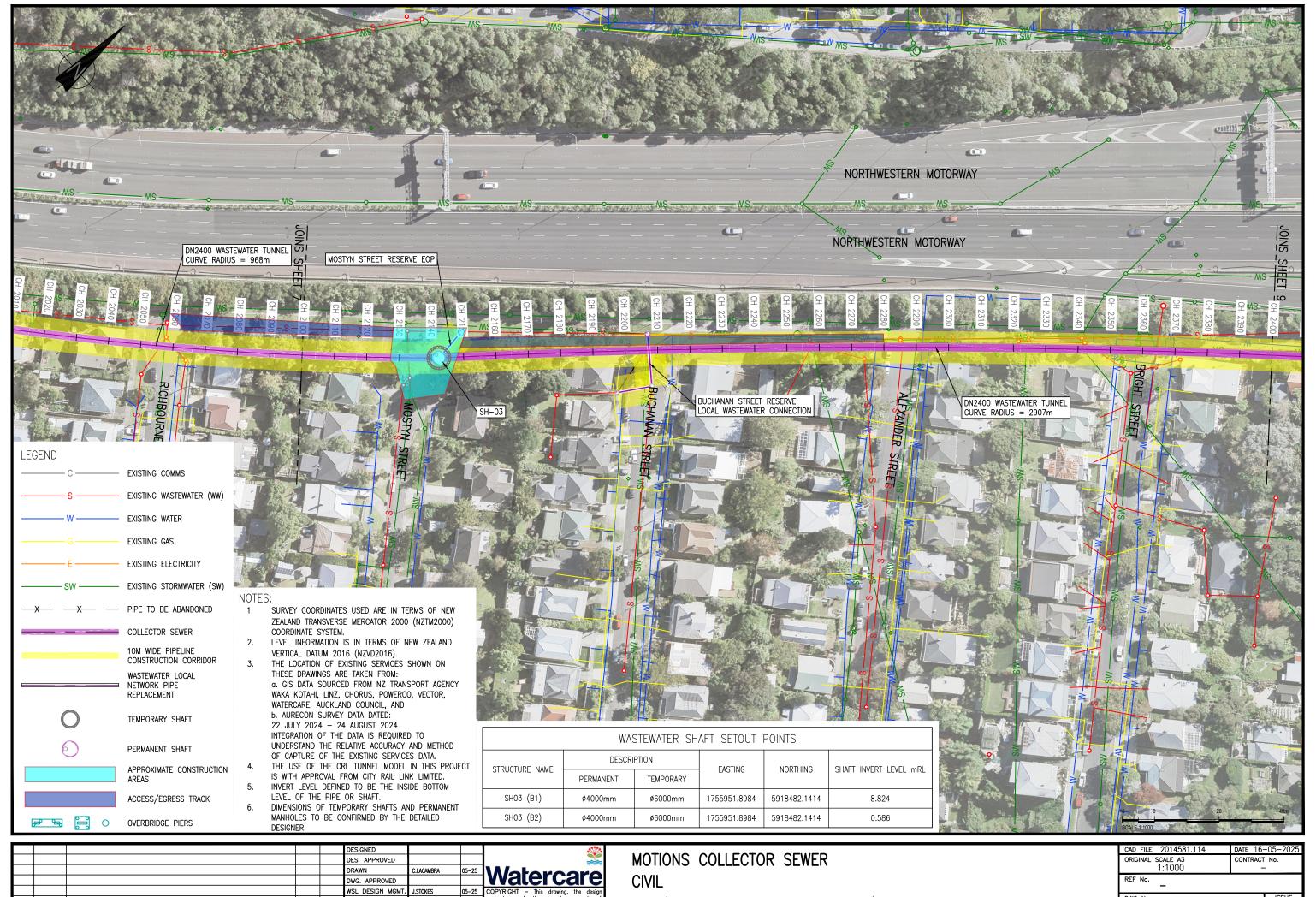


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| | | | | | DESIGNED | | | |
| | | | | | DES. APPROVED | | |] |
| | | | | | DRAWN | C.LACAMBRA | 05-25 | 1 |
| | | | | | DWG. APPROVED | | | ١ |
| | | | | | WSL DESIGN MGMT. | J.STOKES | 05-25 | c |
| 1 | 16.05.25 | ISSUE FOR INFORMATION | JF | MC | WSL PROJ. LEAD | J.STOKES | 05-25 | CC W |
| ISSUE | DATE | AMENDMENT | BY | APPD. | | BY | DATE | us |

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PLAN (DN2400 PIPE JACKING) - SHEET 10 2014581.112



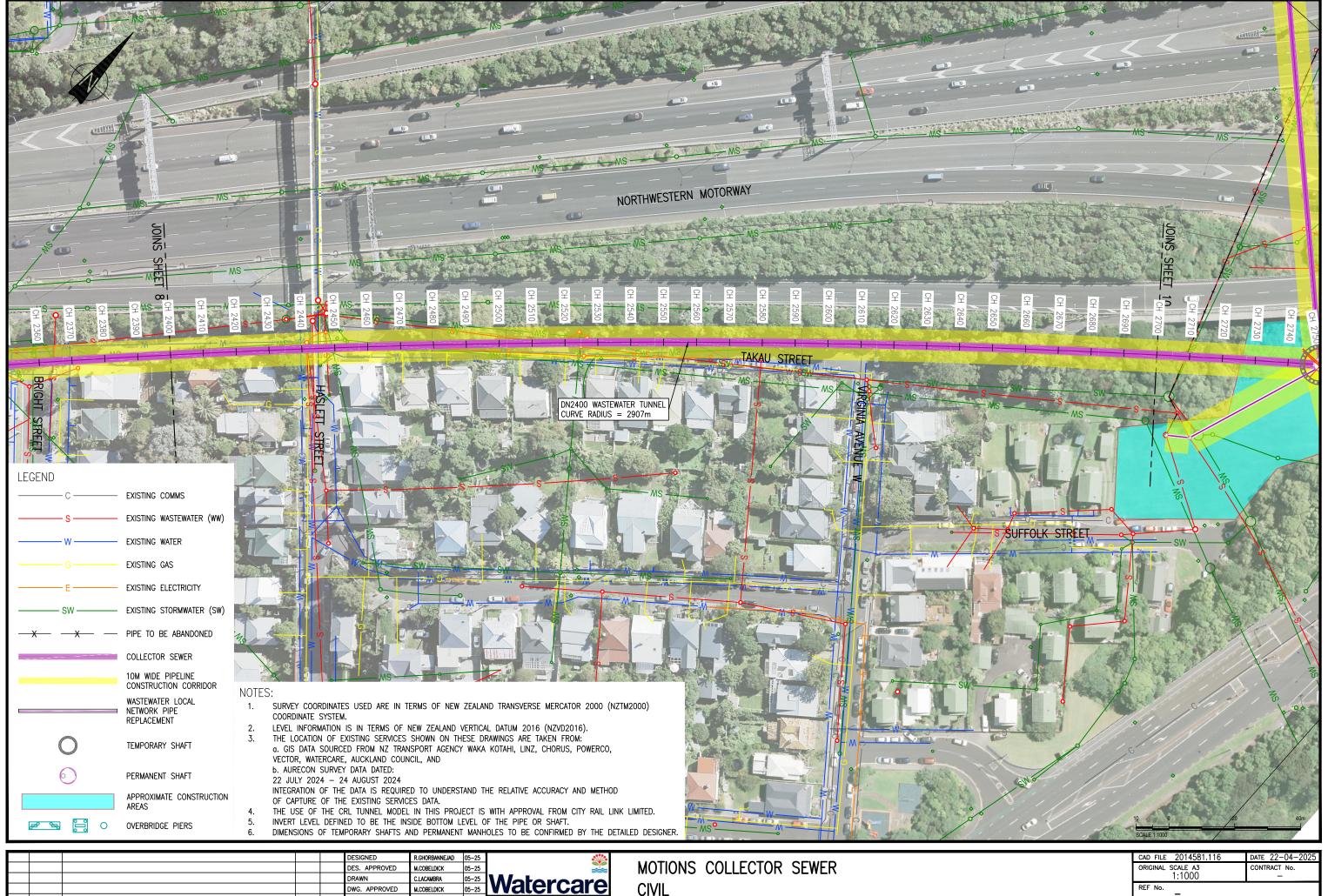
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| | | | | | DESIGNED | | | |
| | | | | | DES. APPROVED | | |] |
| | | | | | DRAWN | C.LACAMBRA | 05-25 | 1 |
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| | | | | | WSL DESIGN MGMT. | J.STOKES | 05-25 | Ī |
| 1 | 16.05.25 | ISSUE FOR INFORMATION | JF | MC | WSL PROJ. LEAD | J.STOKES | 05-25 | CC W |
| ISSUE | DATE | AMENDMENT | BY | APPD. | | BY | DATE | |

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PLAN (DN2400 PIPE JACKING OPTION B1 & B2) - SHEET 12

| DWG No. 2014581. | 114 | ISSUE |
|-----------------------------|----------|----------|
| REF No. | | |
| ORIGINAL SCALE A3 1:1000 | CONTRACT | No. |
| CAD FILE 2014581.114 | DATE 16- | -05-2025 |
| | | |



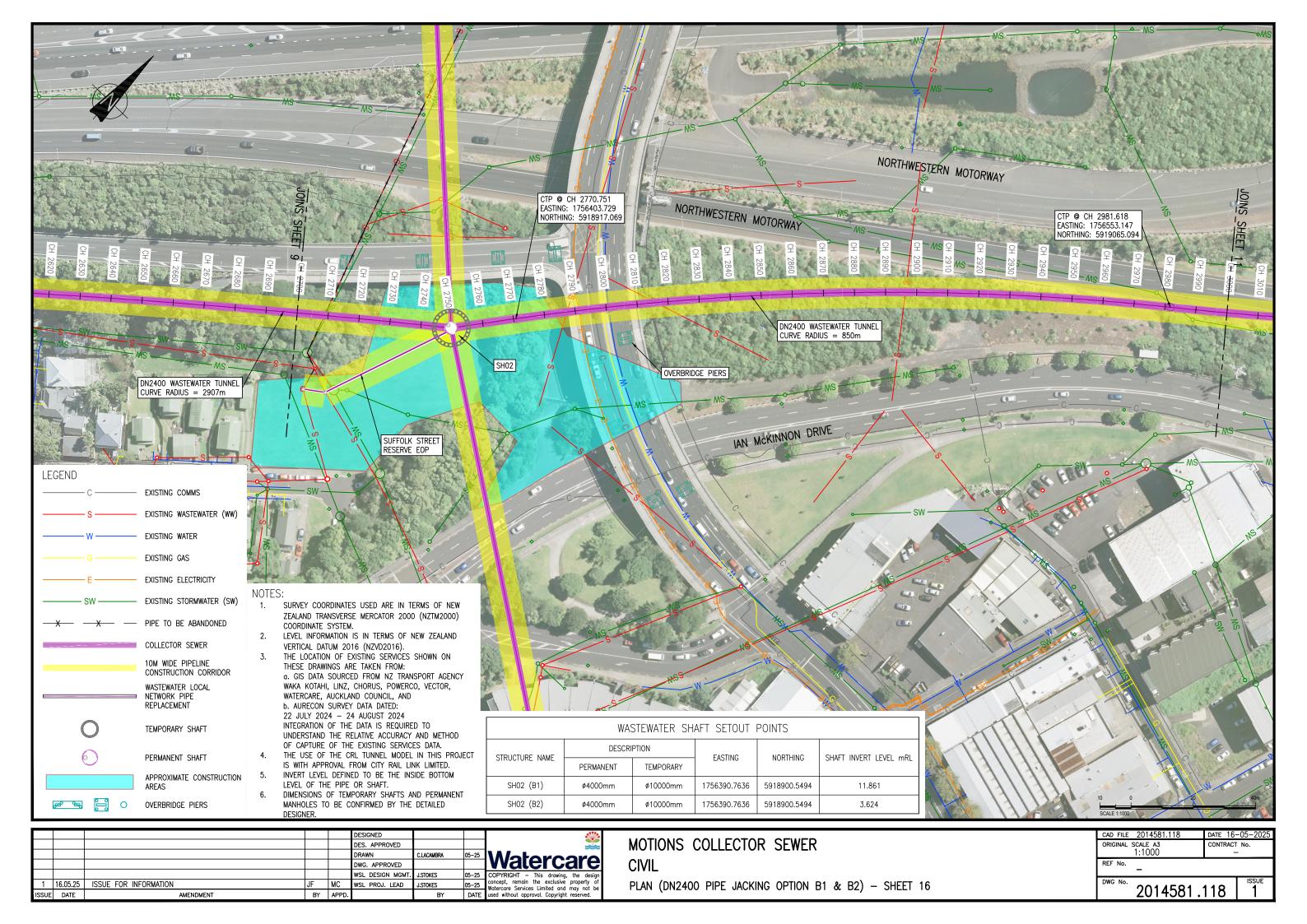
| _ | | | | | | | | _ |
|-----|----------|-----------------------|----|-------|------------------|----------------|-------|--------------|
| | | | | | DESIGNED | R.GHORBANNEJAD | 05-25 | |
| | | | | | DES. APPROVED | M.COBELDICK | 05-25 |] |
| | | | | | DRAWN | C.LACAMBRA | 05-25 | 1 |
| | | | | | DWG. APPROVED | M.COBELDICK | 05-25 | V |
| | | | | | WSL DESIGN MGMT. | J.STOKES | 05-25 | CO |
| | 22.04.25 | ISSUE FOR INFORMATION | JF | MC | WSL PROJ. LEAD | J.STOKES | 05-25 | cond Wate |
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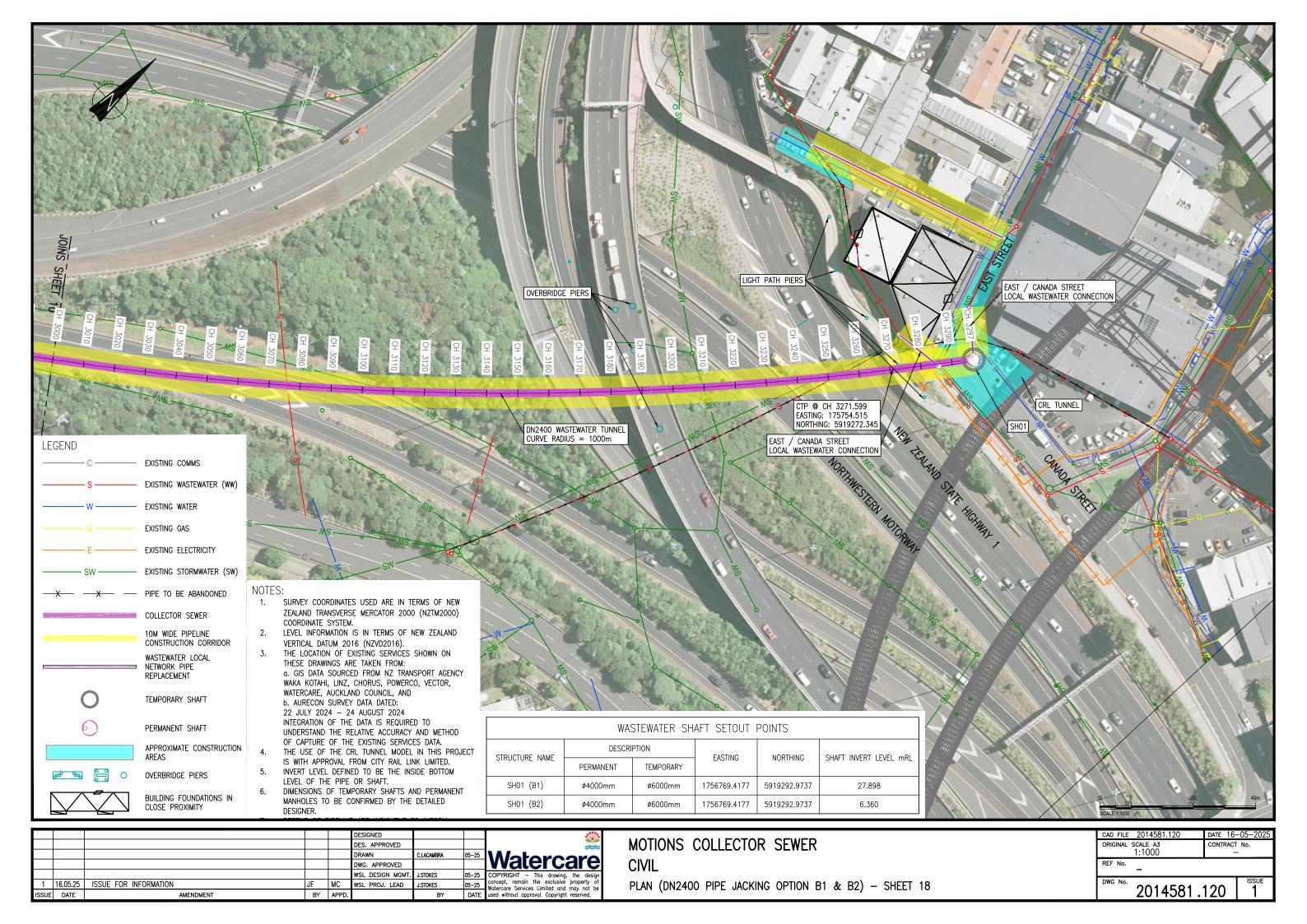
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PLAN AND LONG SECTION (DN2400 PIPE JACKING) - SHEET 14

| DWG No. 2014581. | 116 | ISSUE |
|-----------------------------|----------|----------|
| REF No. | | |
| ORIGINAL SCALE A3 1:1000 | CONTRACT | No. |
| CAD FILE 2014581.116 | DATE 22- | -04-2025 |
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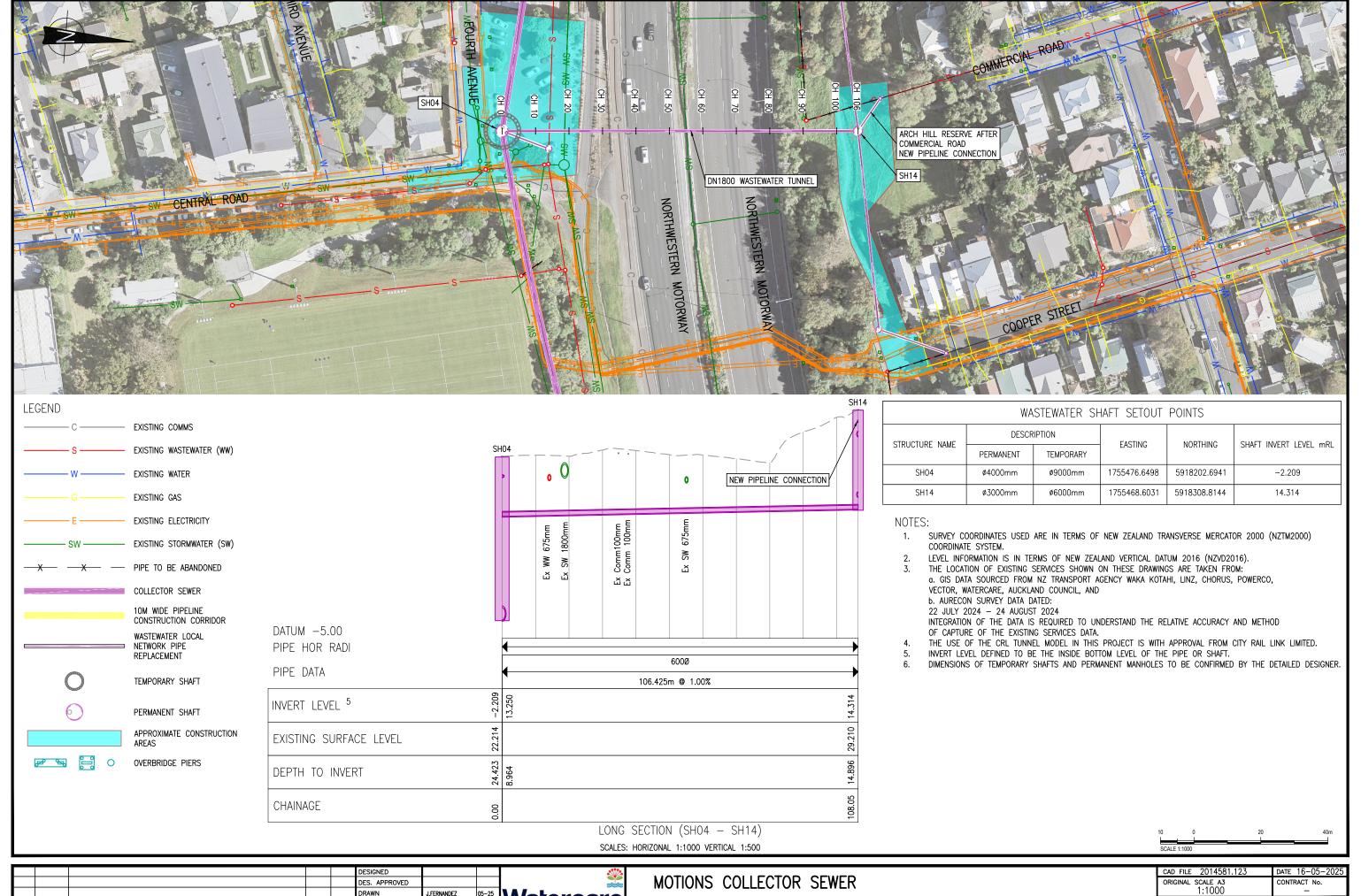


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| | | | | | DRAWN | J.FERNANDEZ | 05-25 | Motoro |
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BRANCH PLAN AND LONG SECTION - SHEET 1

| CAD FILE 2014581.122 | DATE 16-05-2025 |
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| ORIGINAL SCALE A3 1:1000 | CONTRACT No. |
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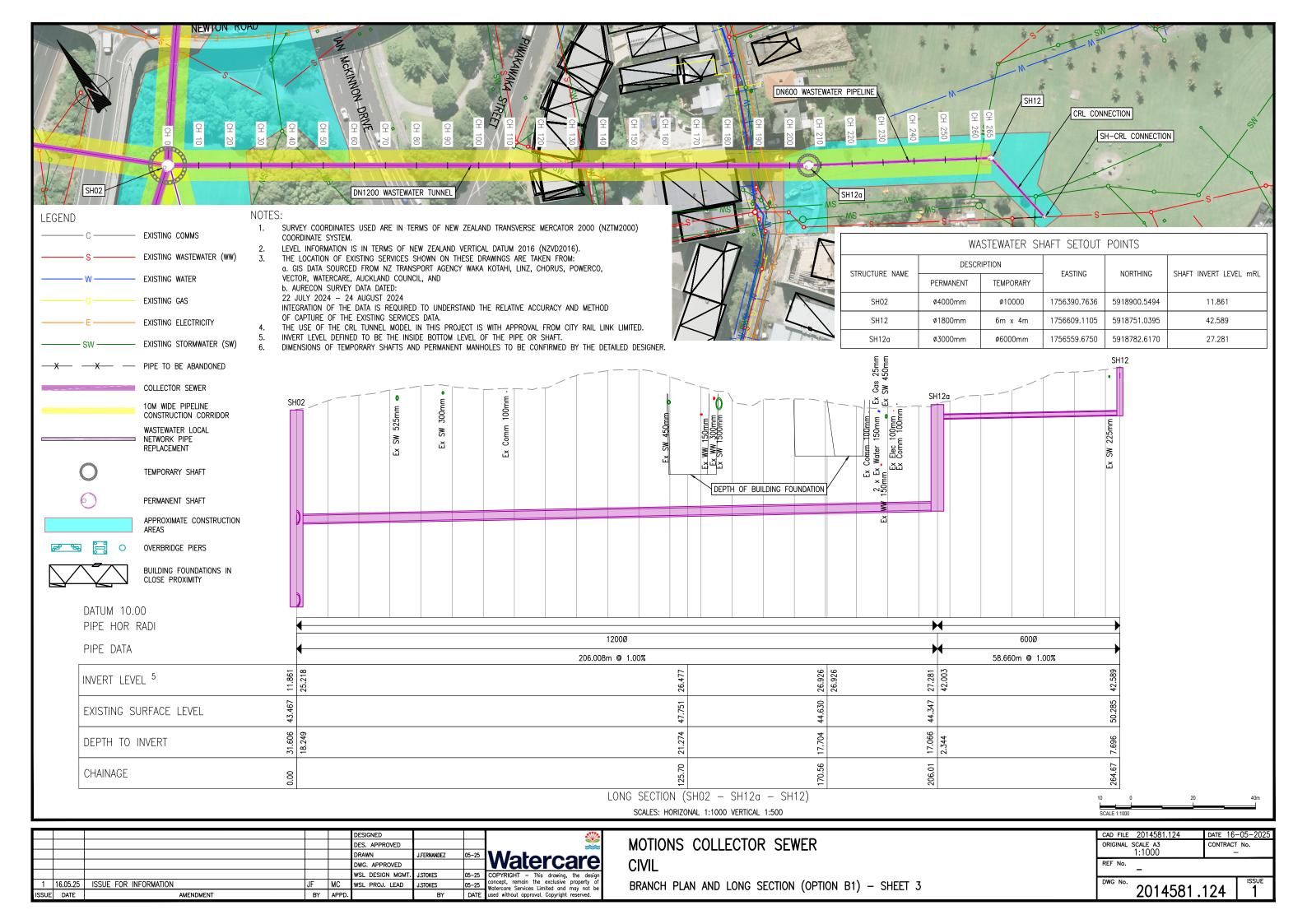
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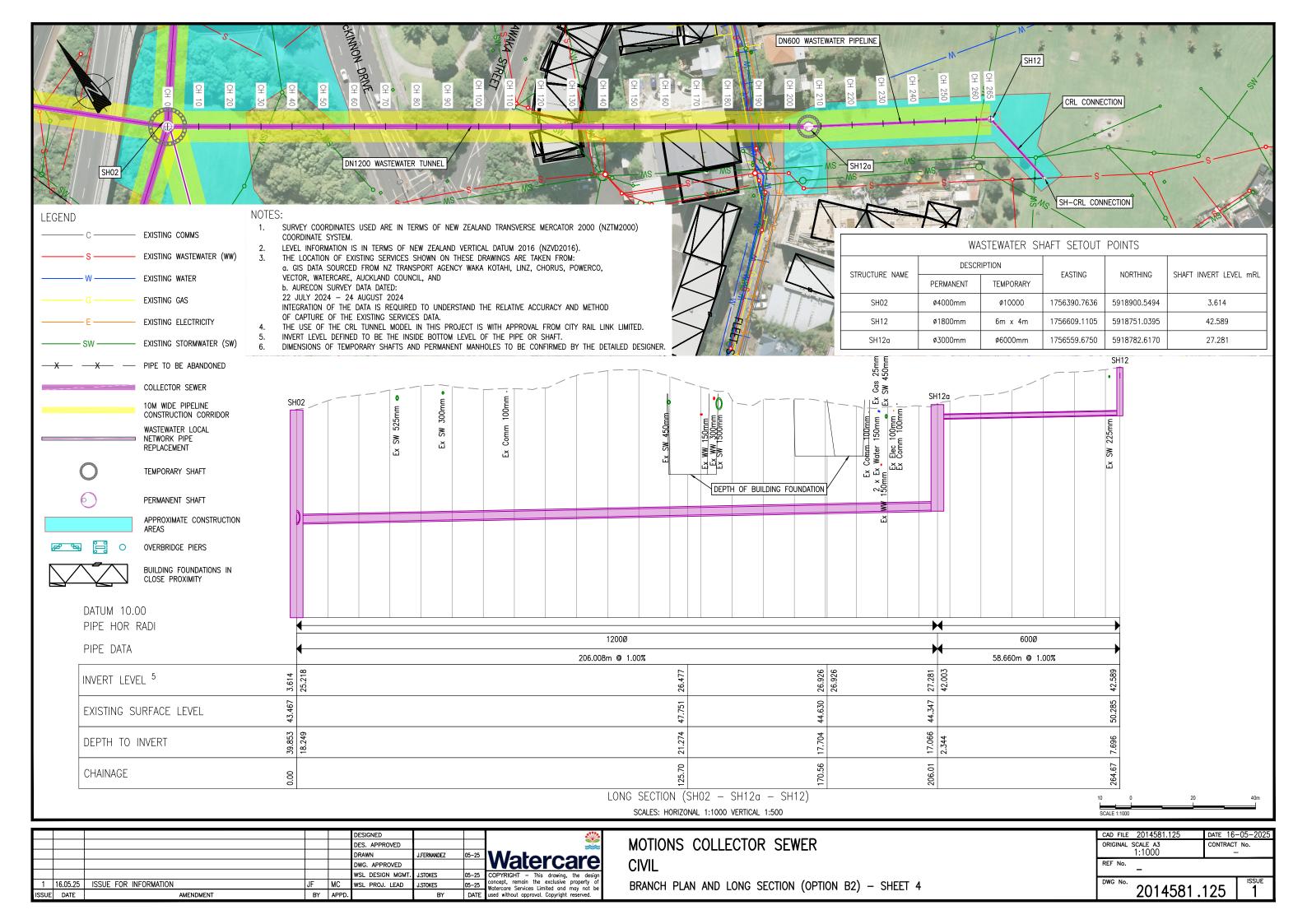
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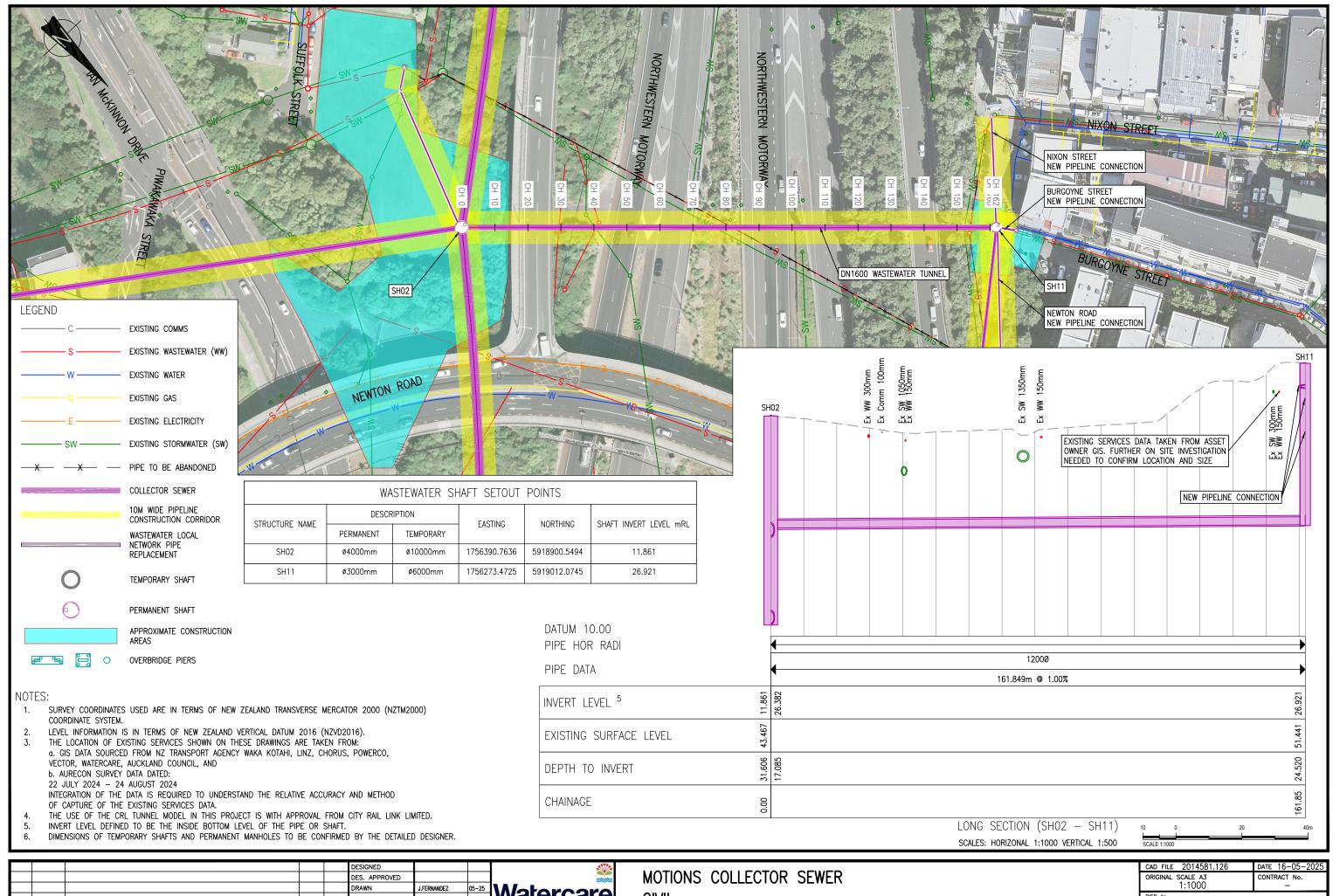
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BRANCH PLAN AND LONG SECTION - SHEET 2

| CAD FILE 2014581.123 | DATE 16-05-2025 |
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| ORIGINAL SCALE A3 1:1000 | CONTRACT No. |
| REF No. | |
| DWG No. 2014581.1 | 123 1 1 |







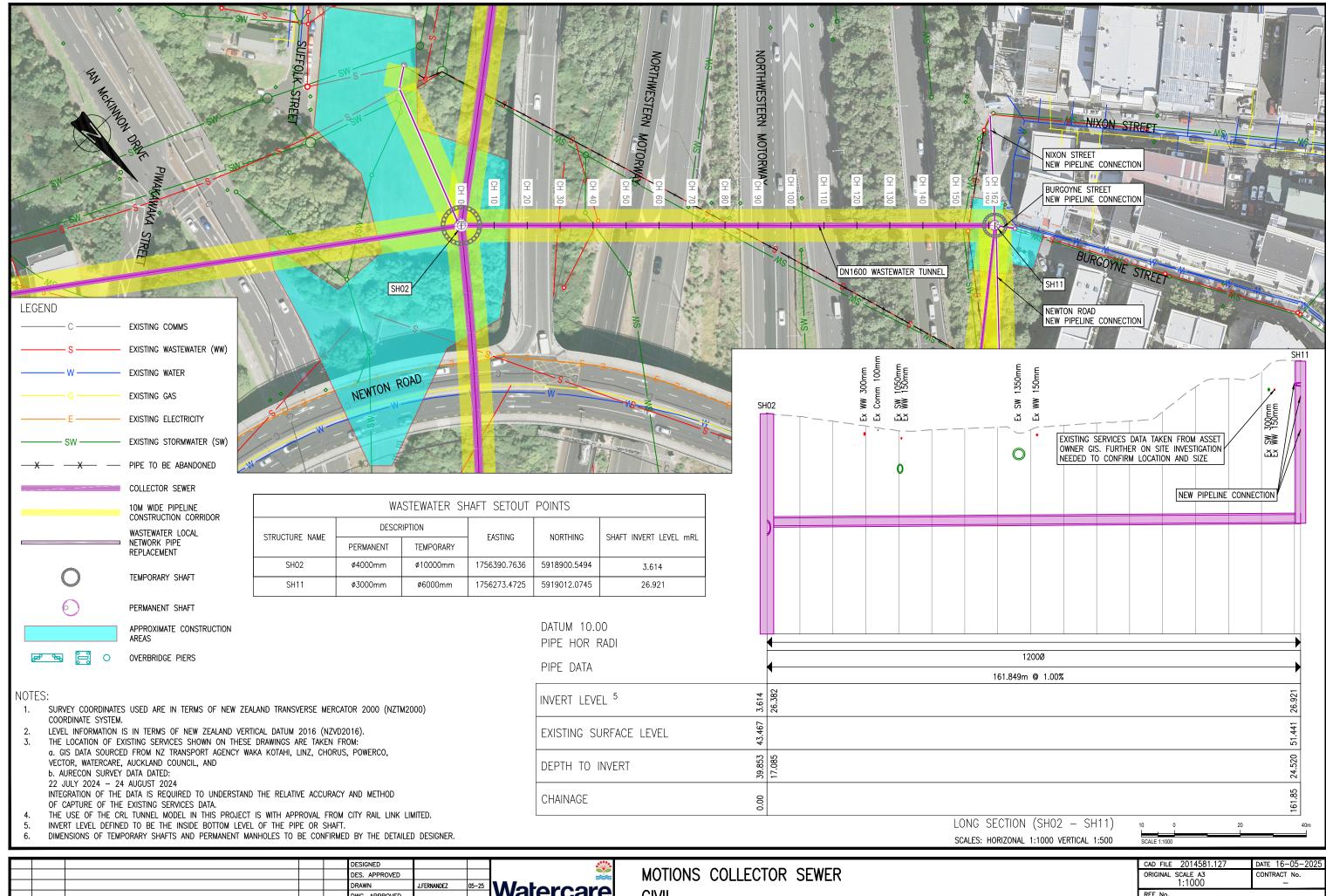
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| | | | | | DRAWN | J.FERNANDEZ | 05-25 | M |
| | | | | | DWG. APPROVED | | | V |
| | | | | | WSL DESIGN MGMT. | J.STOKES | 05-25 | COF |
| 1 | 16.05.25 | ISSUE FOR INFORMATION | JF | MC | WSL PROJ. LEAD | J.STOKES | 05-25 | conc Wate |
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BRANCH PLAN AND LONG SECTION (OPTION B1) - SHEET 5

| CAD FILE 2014581.126 | DATE 16-05-2025 | | | |
|-----------------------------|-----------------|--|--|--|
| ORIGINAL SCALE A3 1:1000 | CONTRACT No. | | | |
| REF No. | | | | |
| DWG No. 2014581. | 126 1 1 | | | |



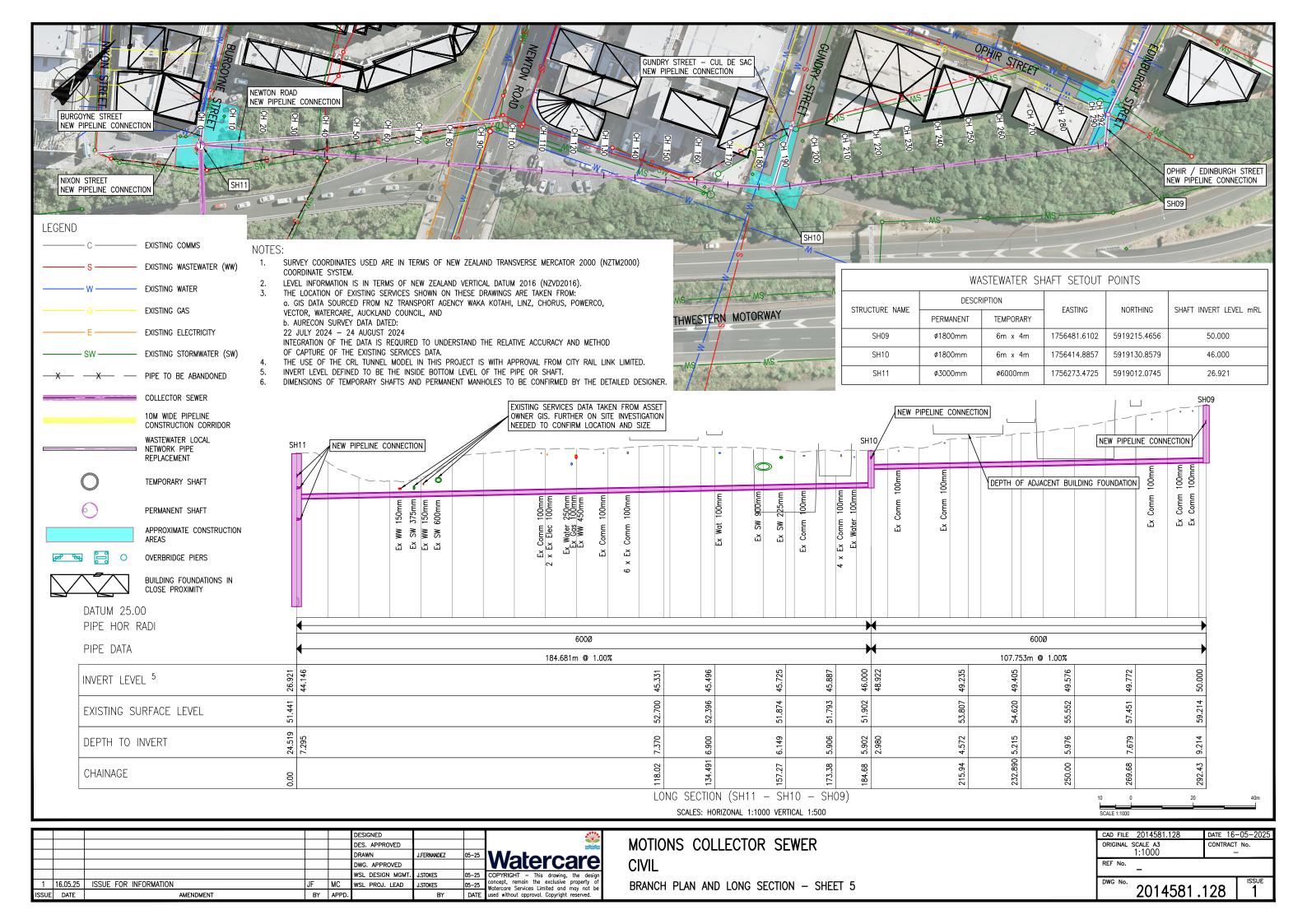
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| | | | | | DRAWN | J.FERNANDEZ | 05-25 | 1 |
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| | | | | | WSL DESIGN MGMT. | J.STOKES | 05-25 | c |
| 1 | 16.05.25 | ISSUE FOR INFORMATION | JF | MC | WSL PROJ. LEAD | J.STOKES | 05-25 | CO Wo |
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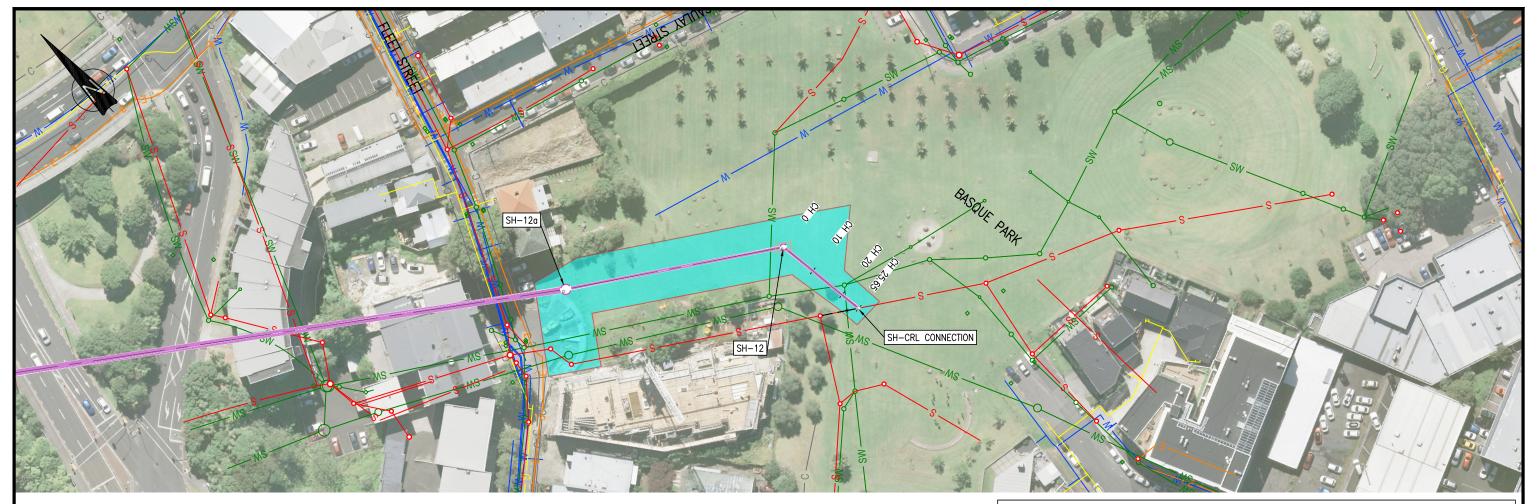
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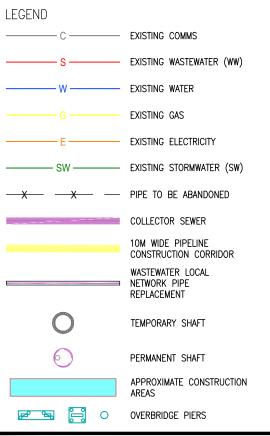
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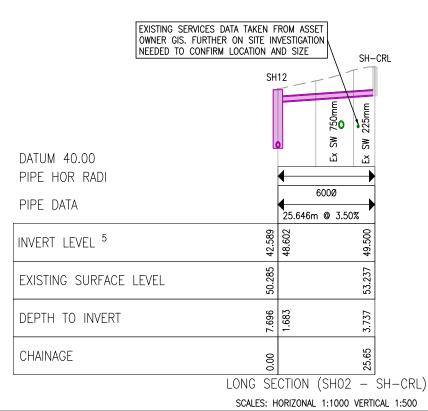
BRANCH PLAN AND LONG SECTION (OPTION B2) - SHEET 6

| CAD FILE 2014581.127 | DATE 16-05-202 | 25 | |
|-----------------------------|----------------|----|--|
| ORIGINAL SCALE A3 1:1000 | CONTRACT No. | | |
| REF No. | | | |
| 2014581. | 127 1 1 | | |









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| WASTEWATER SHAFT SETOUT POINTS | | | | | |
|--------------------------------|-----------|-----------|--------------|--------------|-------------------------|
| STRUCTURE NAME | DESCR | IPTION | EASTING | NORTHING | SHAFT INVERT LEVEL mRL |
| SIRUCIURE NAME | PERMANENT | TEMPORARY | LASTING | NORTHING | SHAFT INVERT LEVEL HIRL |
| SH12 | ø1800mm | 6m x 4m | 1756609.1105 | 5918751.0395 | 42.589 |
| SH-CRL | ø1050mm | - | 1756612.3715 | 5918725.6022 | 49.500 |

NOTES:

- . SURVEY COORDINATES USED ARE IN TERMS OF NEW ZEALAND TRANSVERSE MERCATOR 2000 (NZTM2000) COORDINATE SYSTEM.
- 2. LEVEL INFORMATION IS IN TERMS OF NEW ZEALAND VERTICAL DATUM 2016 (NZVD2016).
- 3. THE LOCATION OF EXISTING SERVICES SHOWN ON THESE DRAWINGS ARE TAKEN FROM:
 a. GIS DATA SOURCED FROM NZ TRANSPORT AGENCY WAKA KOTAHI, LINZ, CHORUS, POWERCO, VECTOR, WATERCARE, AUCKLAND COUNCIL, AND
 - b. AURECON SURVEY DATA DATED:
 - 22 JULY 2024 24 AUGUST 2024
 - INTEGRATION OF THE DATA IS REQUIRED TO UNDERSTAND THE RELATIVE ACCURACY AND METHOD OF CAPTURE OF THE EXISTING SERVICES DATA.
- 4. THE USE OF THE CRL TUNNEL MODEL IN THIS PROJECT IS WITH APPROVAL FROM CITY RAIL LINK LIMITED.
- 5. INVERT LEVEL DEFINED TO BE THE INSIDE BOTTOM LEVEL OF THE PIPE OR SHAFT.
- 6. DIMENSIONS OF TEMPORARY SHAFTS AND PERMANENT MANHOLES TO BE CONFIRMED BY THE DETAILED DESIGNER.

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| | | | | | WSL DESIGN MGMT. | J.STOKES | 05-25 | İ |
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SH-CRL CONNECTION

| | ISSUE | | |
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| REF No. | | | |
| ORIGINAL SCALE A3 CONTRAC | CONTRACT No. | | |
| CAD FILE 2014581.129 DATE 16 | -05-2025 | | |