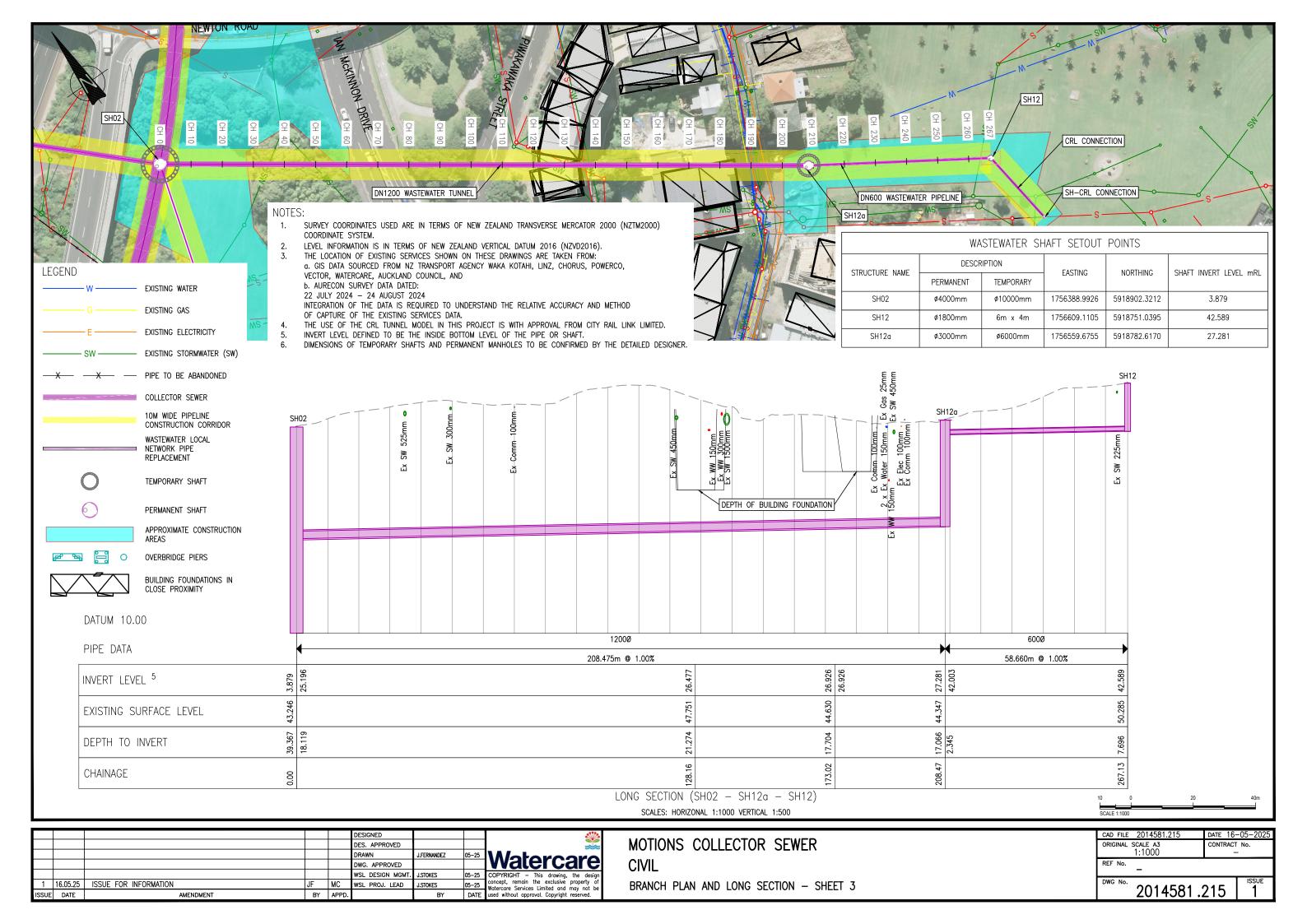


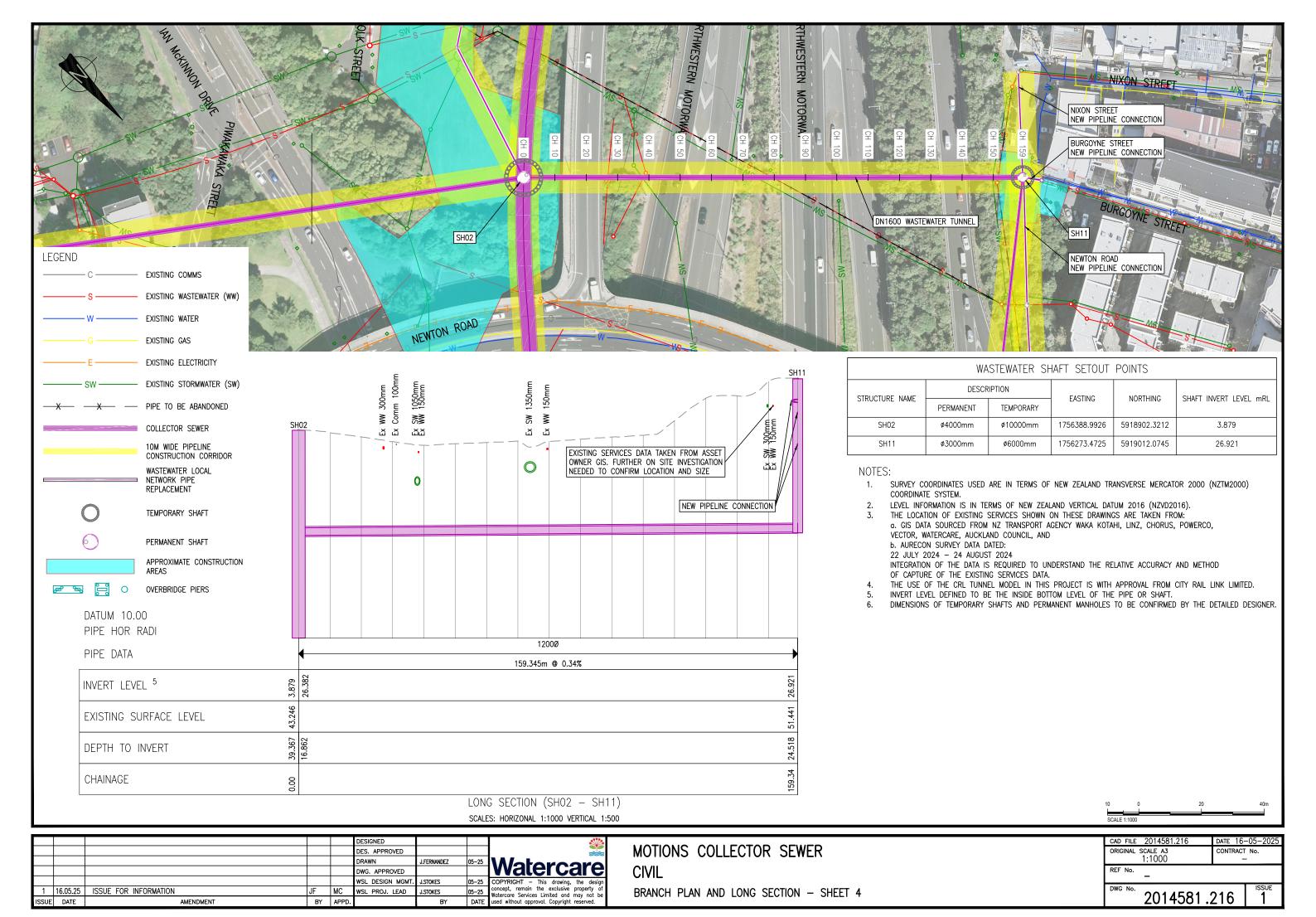
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					WSL DESIGN MGMT.	J.STOKES	05-25	COPYRIGHT - This drawing, the design
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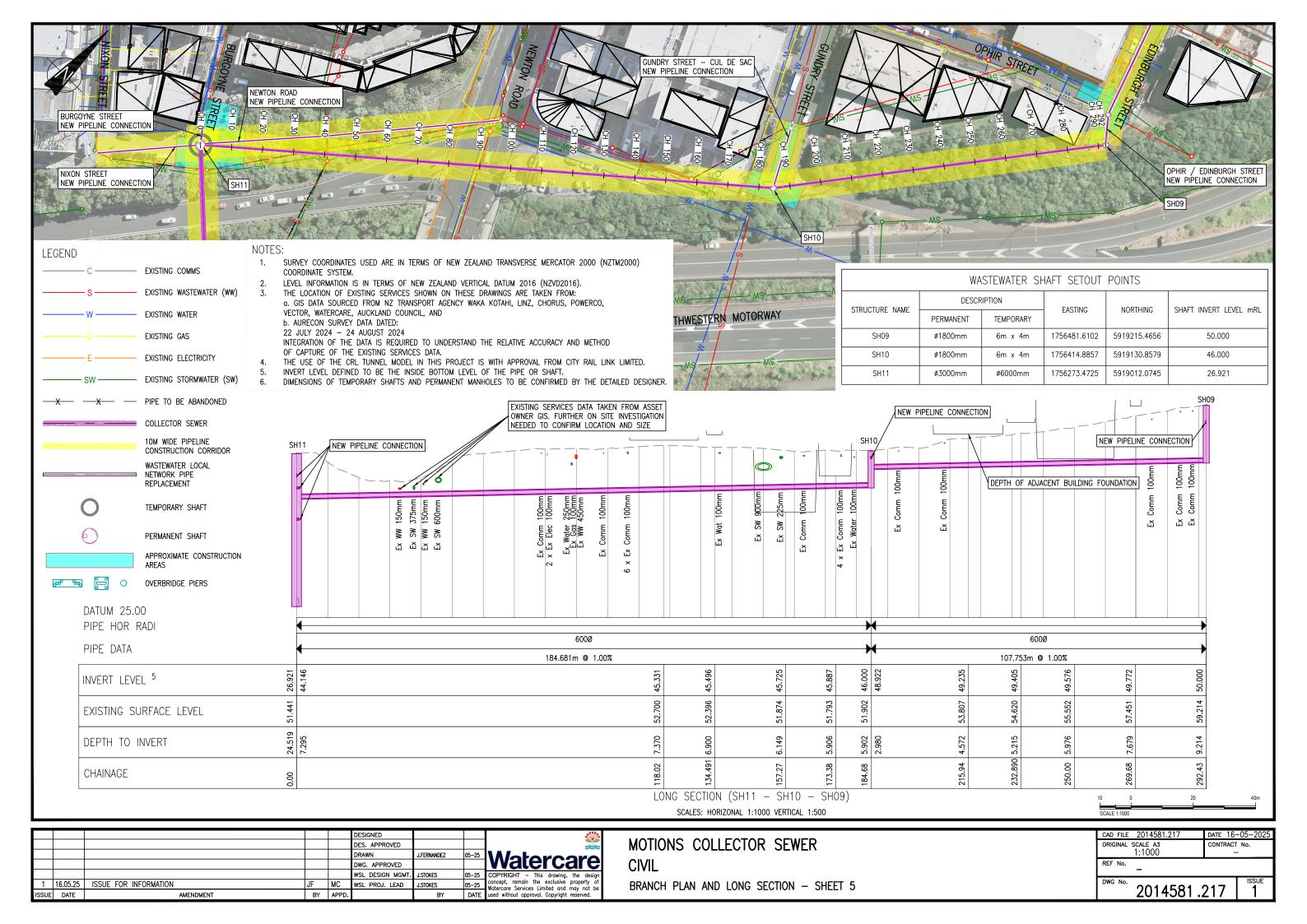
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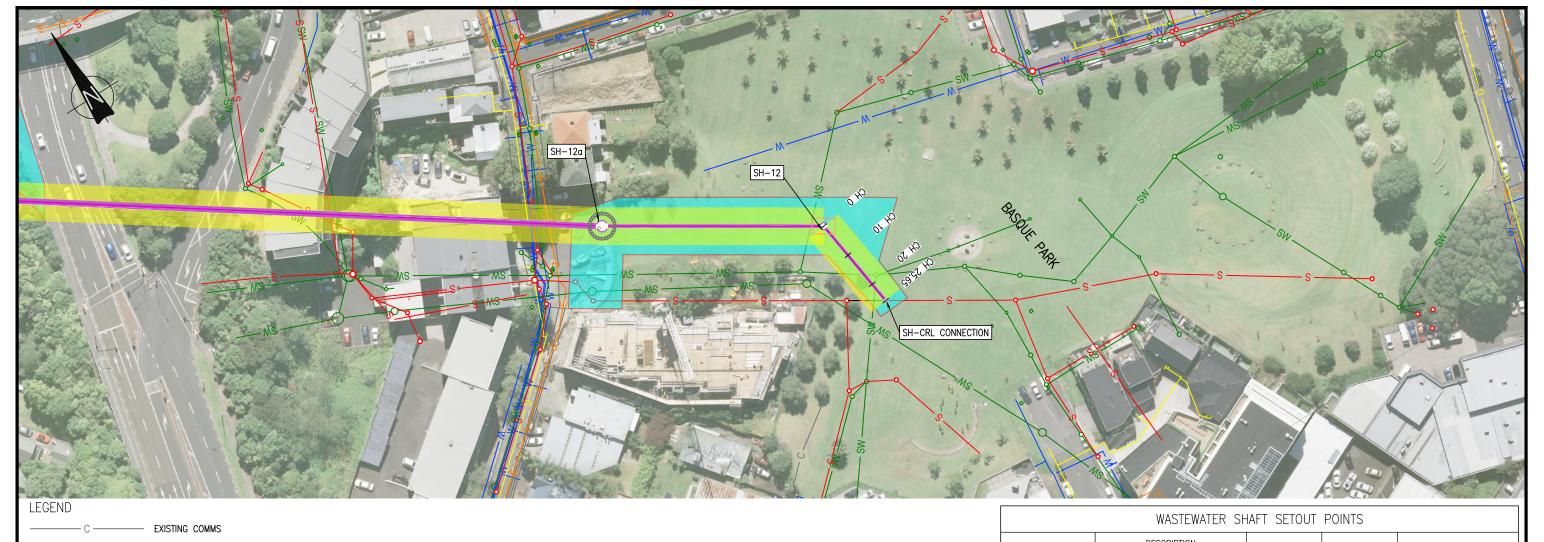
BRANCH PLAN AND LONG SECTION — SHEET 2

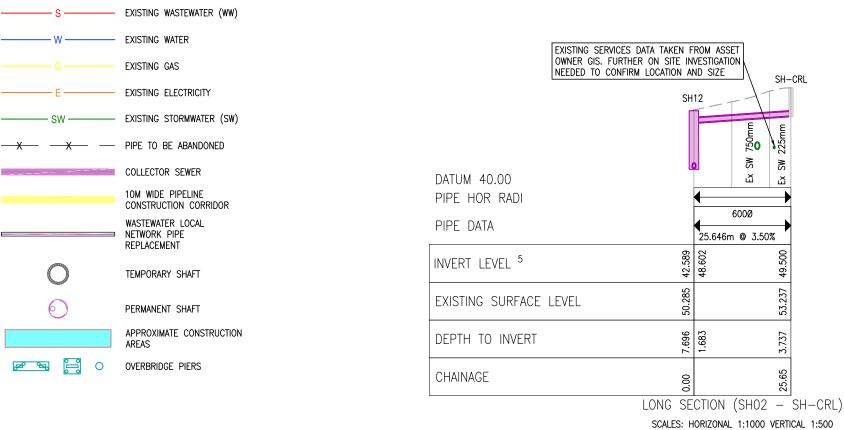
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WASTEWATER SHAFT SETOUT POINTS									
STRUCTURE NAME	DESCRIPTION		EASTING	NORTHING	SHAFT INVERT LEVEL mRL				
STRUCTURE NAME	PERMANENT	TEMPORARY	EASTING	INORTHING	SHALL INVERT ELVEL HIRE				
SH12	ø1800mm	6m x 4m	1756609.1105	5918751.0395	42.589				
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.
- LEVEL INFORMATION IS IN TERMS OF NEW ZEALAND VERTICAL DATUM 2016 (NZVD2016).
- 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:

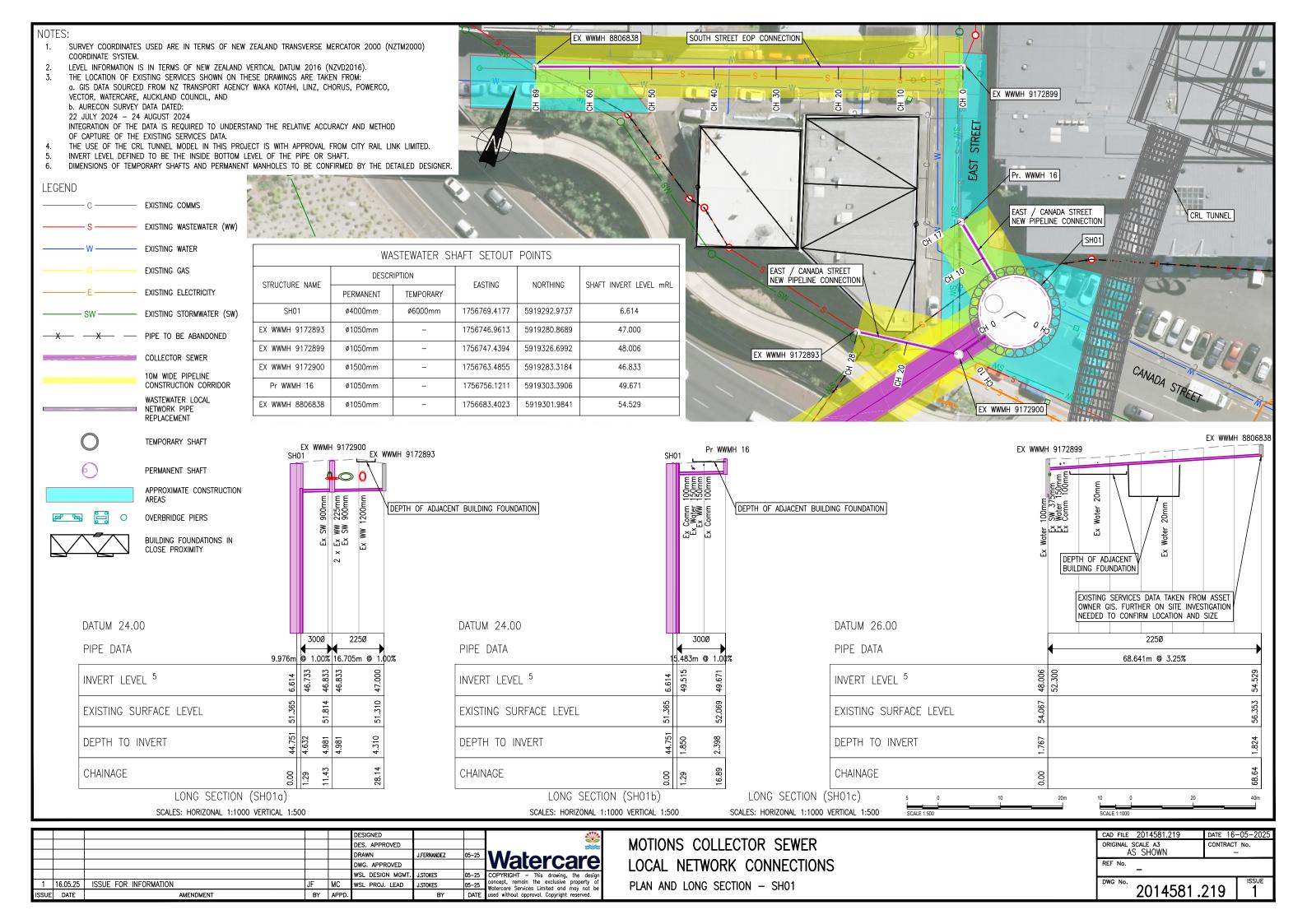
22 JULY 2024 - 24 AUGUST 2024

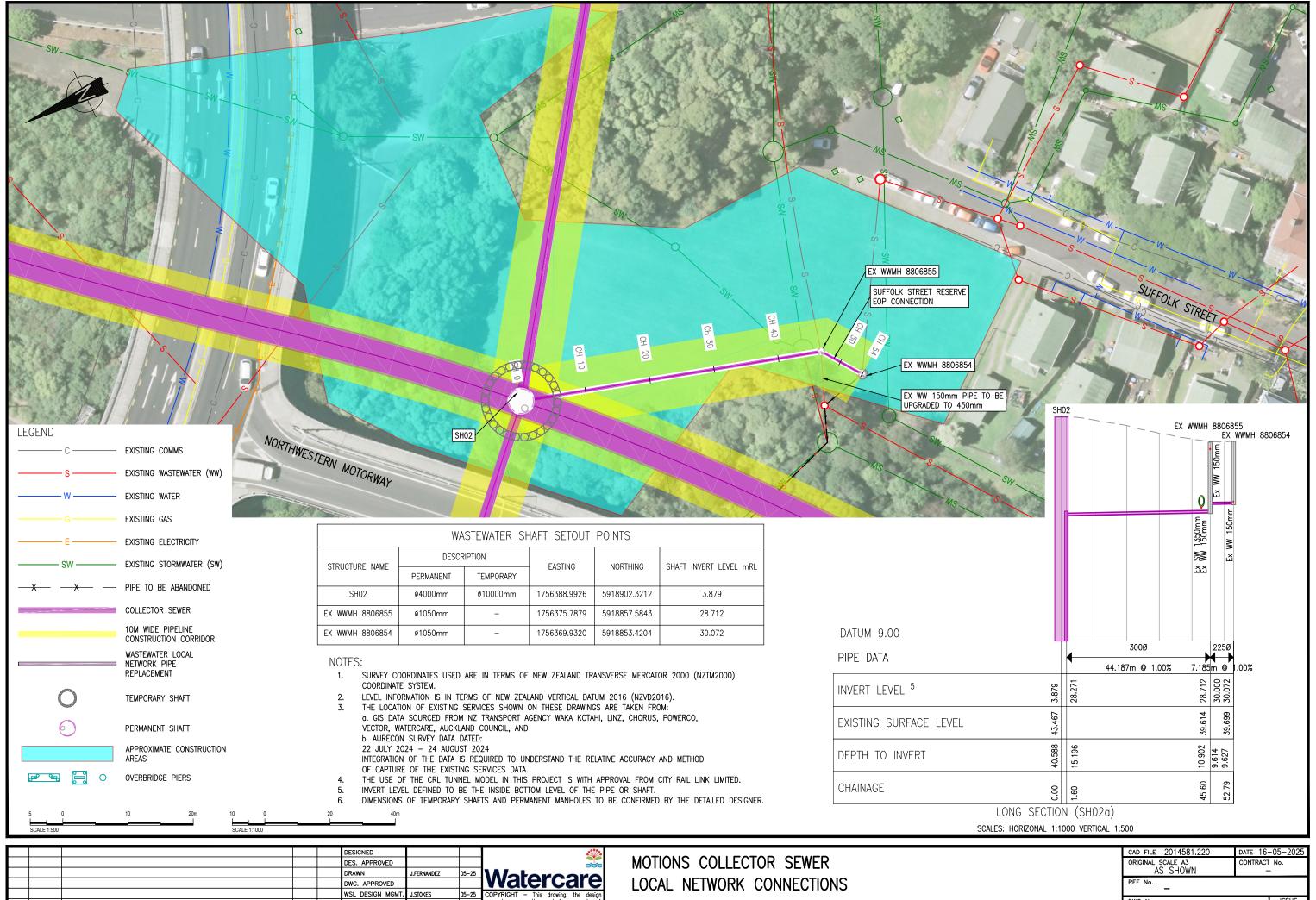
- INTEGRATION OF THE DATA IS REQUIRED TO UNDERSTAND THE RELATIVE ACCURACY AND METHOD OF CAPTURE OF THE EXISTING SERVICES DATA.
- THE USE OF THE CRL TUNNEL MODEL IN THIS PROJECT IS WITH APPROVAL FROM CITY RAIL LINK LIMITED.
- INVERT LEVEL DEFINED TO BE THE INSIDE BOTTOM LEVEL OF THE PIPE OR SHAFT.
- DIMENSIONS OF TEMPORARY SHAFTS AND PERMANENT MANHOLES TO BE CONFIRMED BY THE DETAILED DESIGNER.

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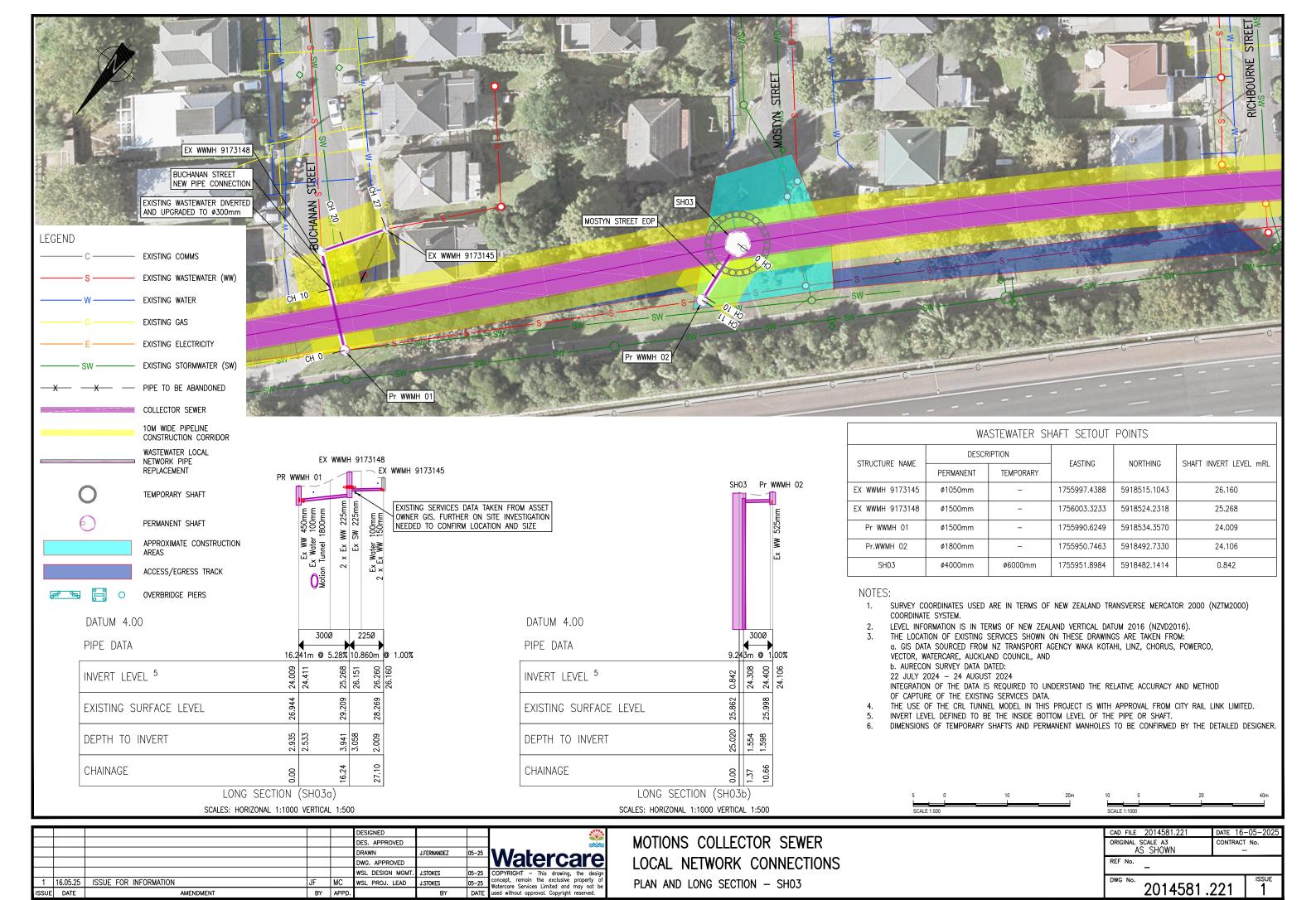


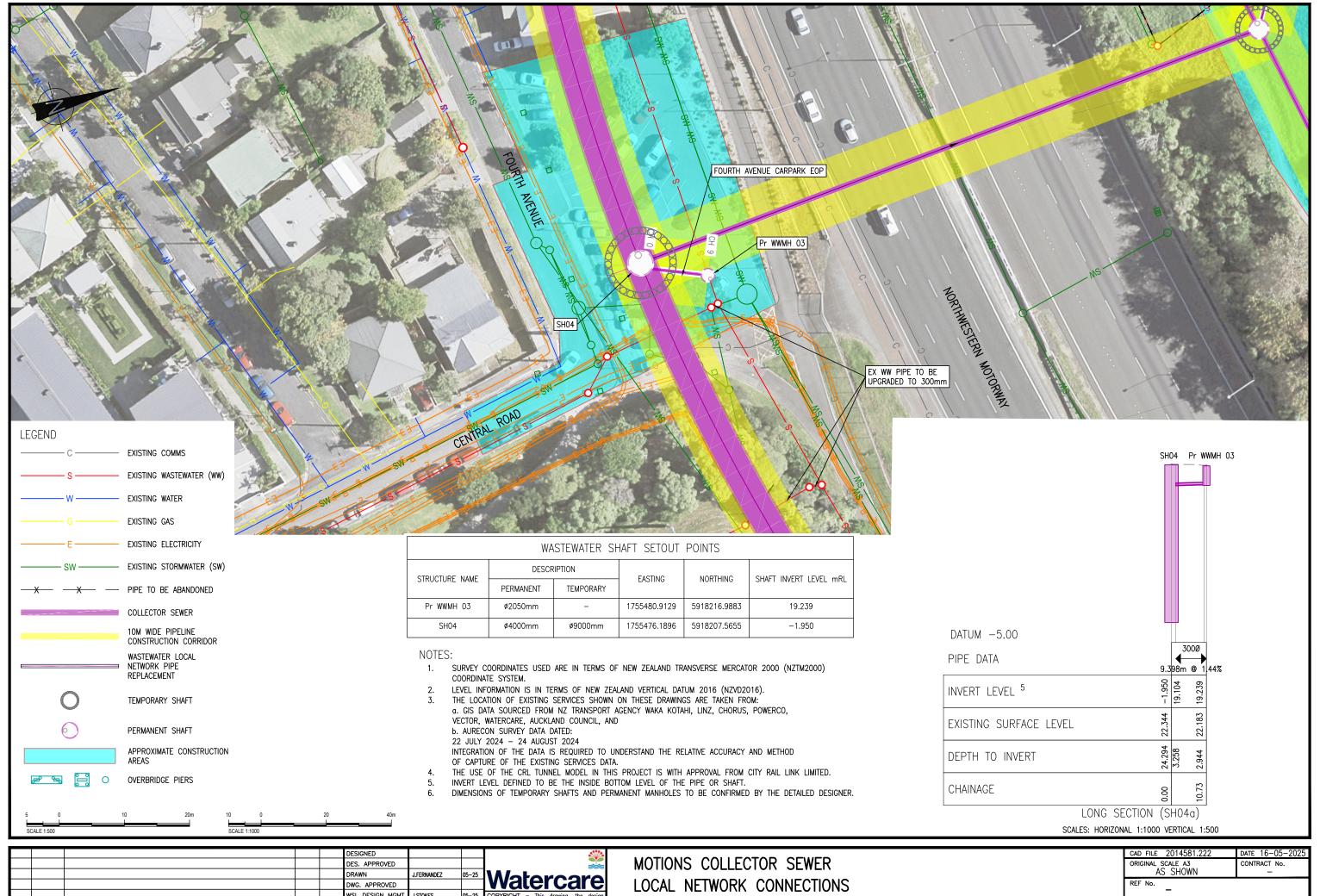
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PLAN AND LONG SECTION - SH02

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CAD FILE 2014581.220	DATE 16-05-2025



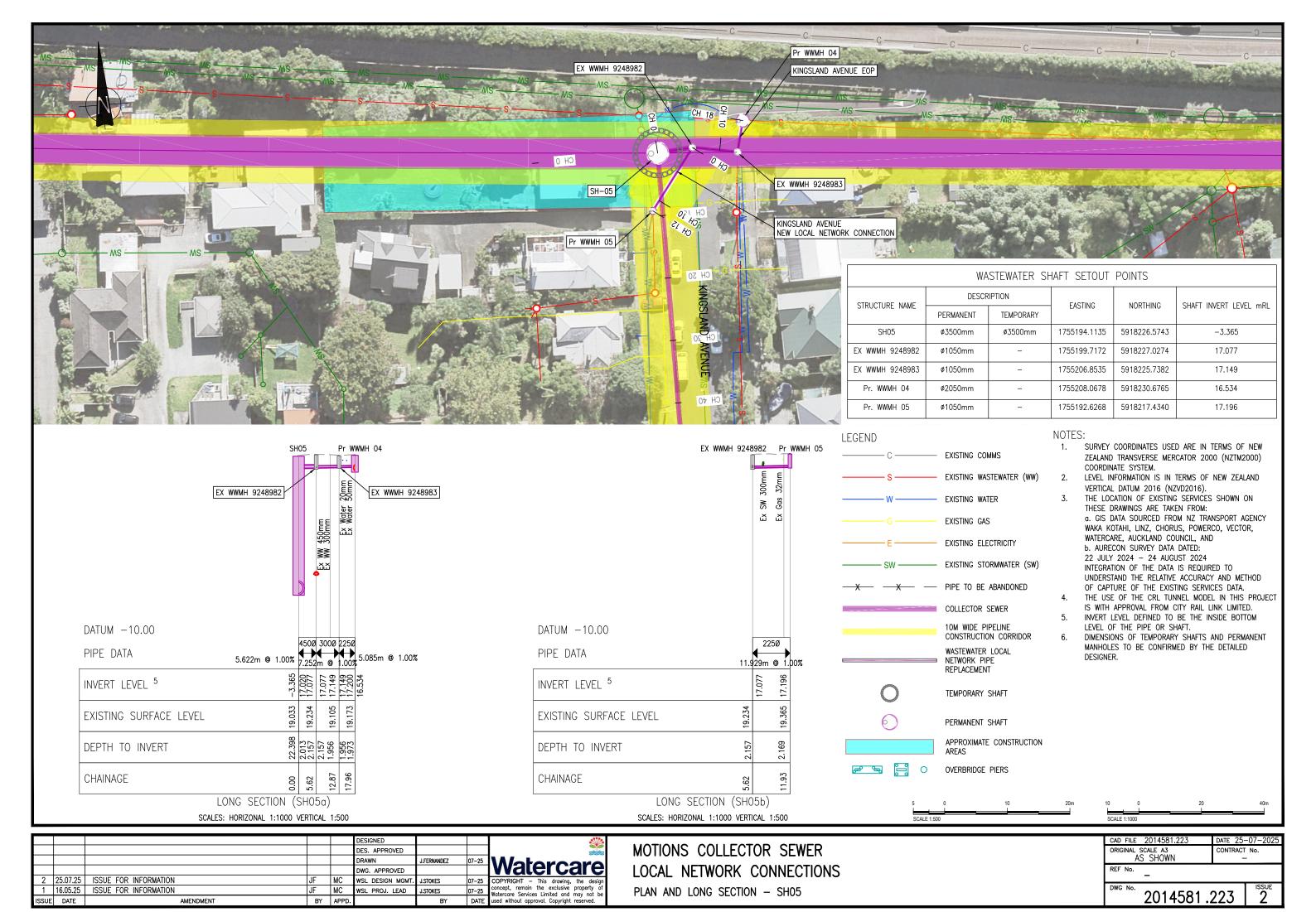


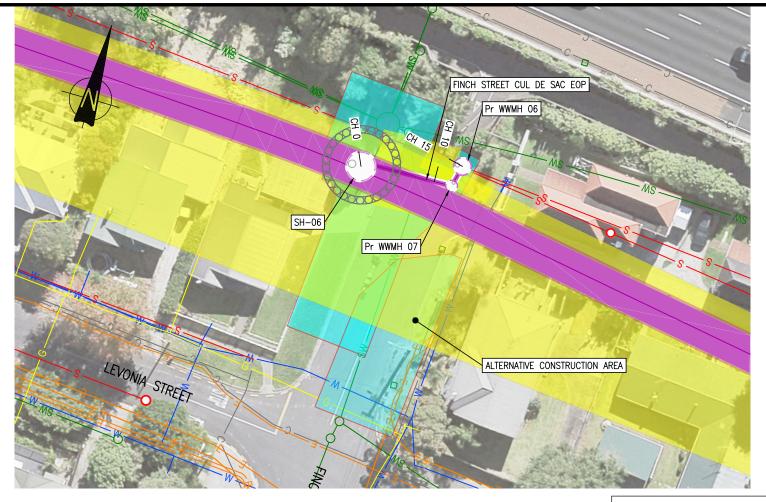
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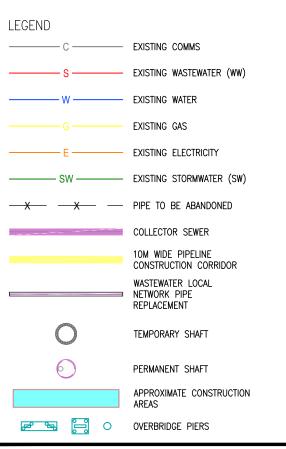
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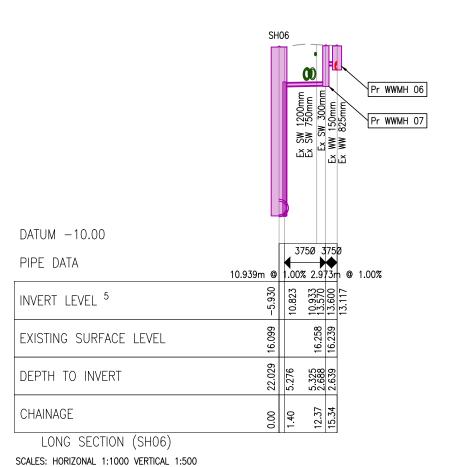
PLAN AND LONG SECTION - SH04

CAD FILE 2014581.222 DATE 16-05-2025 ORIGINAL SCALE A3	2014581 .2	222 1 1
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CAD FILE 2014581.222 DATE 16-05-2025		CONTRACT No.
	CAD FILE 2014581.222	DATE 16-05-2025









WASTEWATER SHAFT SETOUT POINTS										
STRUCTURE NAME	DESCR	IPTION	EASTING	NORTHING	SHAFT INVERT LEVEL mRL					
STRUCTURE NAME	PERMANENT	TEMPORARY	LASTING	NORTHING	SHAFT INVERT LEVEL HIRL					
SH06	ø4000mm	ø6000mm	1754685.2555	5918290.9937	-6.209					
Pr. WWMH 06	ø2300mm	-	1754698.1651	5918294.7054	13.117					
Pr. WWMH 07	ø1500mm	-	1754697.4995	5918291.8080	10.933					

NOTES:

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- 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.
- . THE USE OF THE CRL TUNNEL MODEL IN THIS PROJECT IS WITH APPROVAL FROM CITY RAIL LINK LIMITED.
- . 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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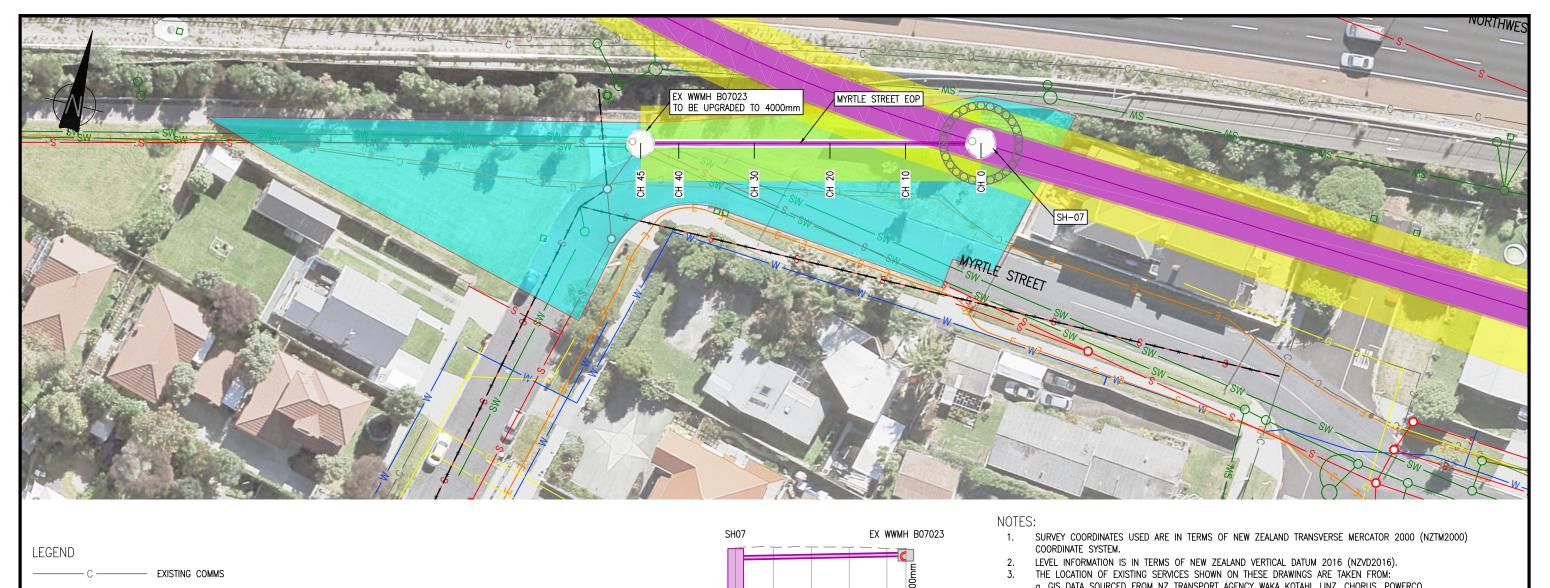
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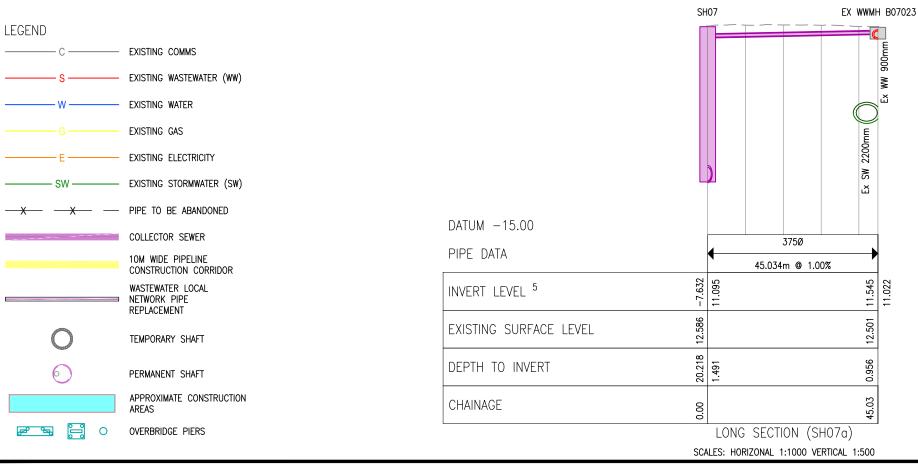
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PLAN AND LONG SECTION - SHO6

DWG No. 2014581.	224 ISSUE
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CAD FILE 2014581.224	DATE 25-07-2025
	ORIGINAL SCALE A3 AS SHOWN REF No. DWG No.





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WASTEWATER SHAFT SETOUT POINTS						
STRUCTURE NAME	DESCRIPTION		EASTING	NORTHING	SHAFT INVERT LEVEL mRL	
STRUCTURE NAME	PERMANENT	TEMPORARY	LASTING	NORTHING	SHALL HAVENT ELVEL HINE	
SH07a	ø3500mm	ø3500mm	1754140.8480	5918437.1513	-8.763	
EX WWMH 9248844	ø1500mm	-	1754321.0830	5918433.1282	11.030	
Pr. WWMH 09	ø1800mm	-	1754313.8992	5918434.5641	10.683	
Pr. WWMH 11	ø3000mm	-	1754320.6458	5918426.2978	9.970	
SH07	ø4000mm	ø9000mm	1754345.5581	5918310.8469	-7.632	
EX WWMH B07023	ø4000mm	-	1754301.7811	5918300.2810	11.022	
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PLAN AND LONG SECTION - SH07a

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CAD FILE 2014581.225	DATE 16-0	05-2025

