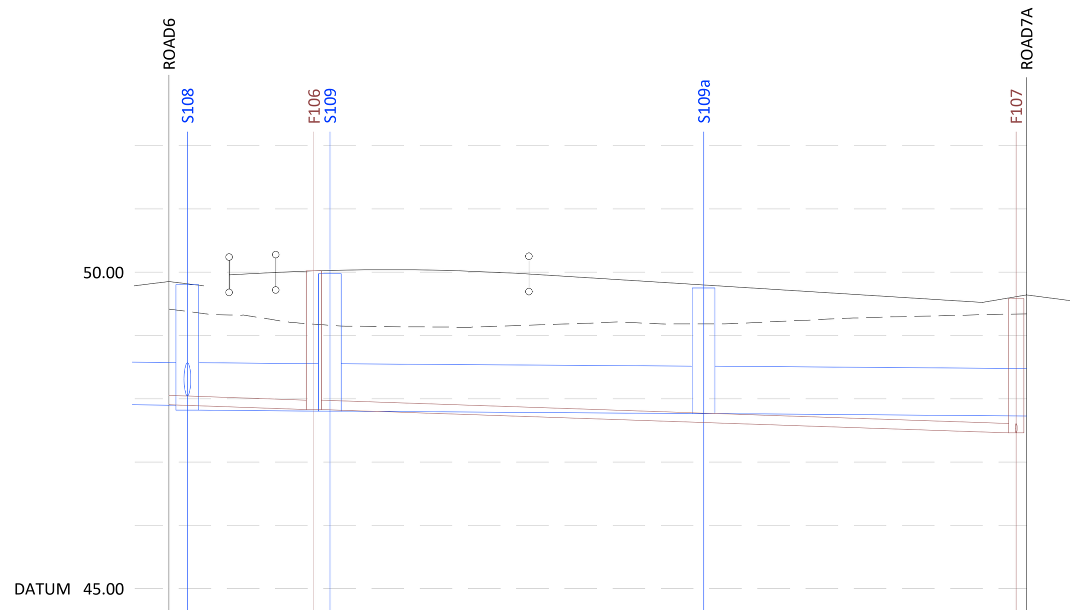
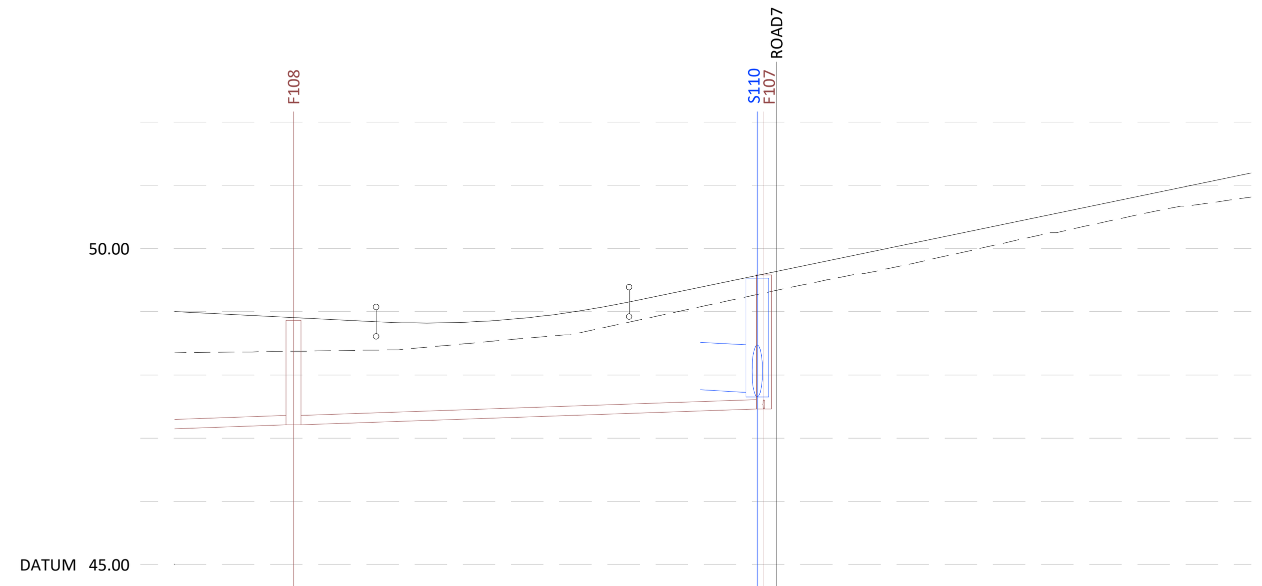
General Notes:
1. All Works are to be constructed in accordance with Wiltshire County Council and the Highways Agency's Specification for Highway Works (SHW) March 2025 as amended published by The Stationary Office
2. All levels relate to the survey which is to Ordnance datum. Dimensions not to be scaled.
3. Use of this drawing does not absolve the client from their responsibilities under the Health and Safety: The Construction Design and Management Regulations 2015. The Principal Designer is required to contact Tumu Consulting prior to permitting this drawing to be used in connection with any construction works. For site specific CDM 2015 Designers Residual Risks, see drawing series 1140 and should be read in conjunction with Designer Risk Register.
4. Street name plate positions to be agreed with the Highways inspector on site.
5. The contractor is to check and verify all buildings and site dimensions and levels, including existing sewer invert levels, before works start on site.
6. Positions of existing services/statutory undertakers apparatus adjacent to or crossing proposed excavations are to be checked by the contractor prior to starting work.
7. This drawing is to be read in conjunction with and checked against all other drawings, engineering details, specifications and any structural, geotechnical or other specialist document provided. Any anomalies or contradictions between any of the above is to be reported to Tumu Consulting before construction begins.
8. The planning, design and construction of sewers shall be in accordance with Appendix C of the Sewer Sector Guidance (SSG), A Design and Construction Guide for Developers, The Civil Engineering Specification for the Water Industry 8th edition and Wessex Water amendments to CESWI dated may 2023.
9. Refer to Section 38 & 104 drawings for a full set of construction specification notes.



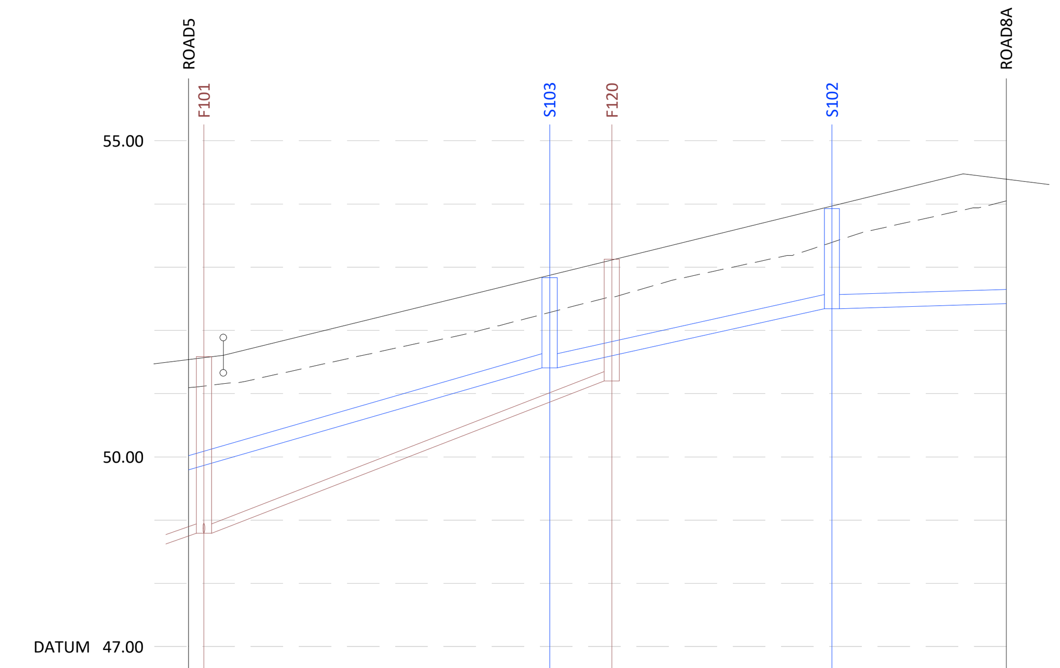
CHAINAGE	0.00 1.45 4.75 8.43 10.00 11.44 12.71 13.97 15.00 17.32 20.00 25.00 28.43 30.00 40.00 42.24 50.00 60.00 66.93 67.74
EXISTING GROUND LEVEL	49.41 49.20 49.14 49.17 49.18 49.24 49.31 49.34
ALIGNMENT LEVEL	49.96 49.99 50.01 50.04 50.04 50.04 50.01 49.97 49.95 49.83 49.70 49.58 49.52
VERTICAL ALIGNMENT	G= 1.00% 1: 100.0 / L= 20.00 R= -888.889 / G= -1.25% 1: -80.0
HORIZONTAL ALIGNMENT	R= 7.62
COVER LEVEL	49.80 50.02 49.98 49.75 49.58
STORMWATER INVERT	47.82 Pipe 1.008 Dia 750 Circular CONC 1 in 755 12.08 47.80 / 47.80 Pipe 1.009 Dia 750 Circular CONC 1 in 766 29.86 47.77 / 47.77 Dia 750 Circular CONC 1 in 670 26.99
FOULWATER INVERT	Dia 150 Circular uPVC 1 in 150 12.76 47.83 / 47.83 Pipe 1.006 Dia 150 Circular uPVC 1 in 150 55.41 47.46

ROAD 7 - HIGHWAY LONGITUDINAL SECTION
SCALE 1:500 HORIZ 1:100 VERT



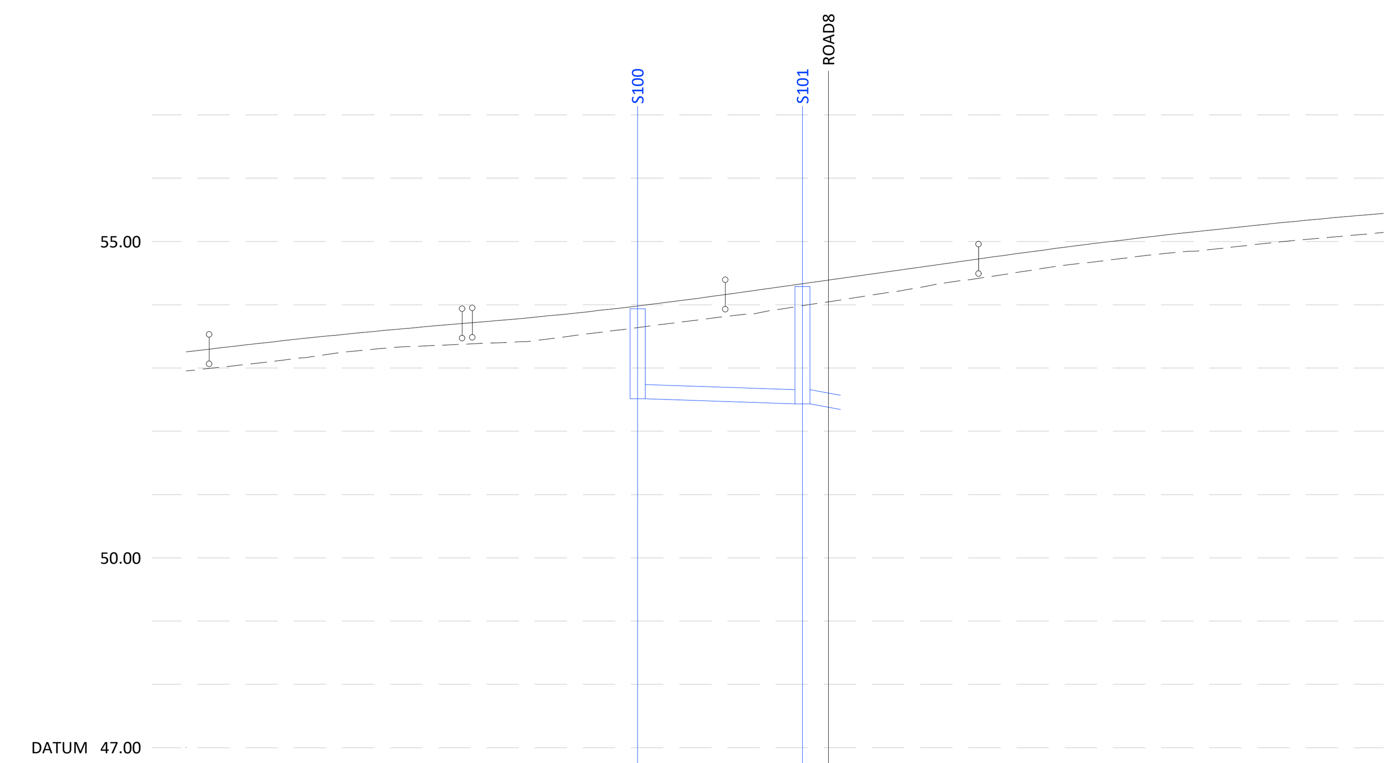
CHAINAGE	0.00 8.40 10.00 12.95 15.00 20.00 25.00 30.00 35.00 38.89 40.00 43.01 46.97 47.60 50.00 52.53 57.67 60.00 70.00 80.00 85.12
EXISTING GROUND LEVEL	48.35 48.38 48.44 48.62 49.01 49.44 49.84 50.26 50.67 50.81
ALIGNMENT LEVEL	48.65 48.68 48.69 48.70 48.76 48.84 48.97 49.13 49.28 49.32 49.74 50.15 50.57 50.98 51.20
VERTICAL ALIGNMENT	G= -1.00% 1: -100.0 / R= 388.457 L= 20.00 / G= 4.15% 1: 24.1
HORIZONTAL ALIGNMENT	R= 17.40 / R= 9.40
COVER LEVEL	48.86 49.53 49.58
STORMWATER INVERT	
FOULWATER INVERT	Dia 150 Circular uPVC 1 in 150 23.43 47.21 / 47.21 Pipe 1.007 Dia 150 Circular uPVC 1 in 150 37.31 47.46

ROAD 7A - HIGHWAY LONGITUDINAL SECTION
SCALE 1:500 HORIZ 1:100 VERT



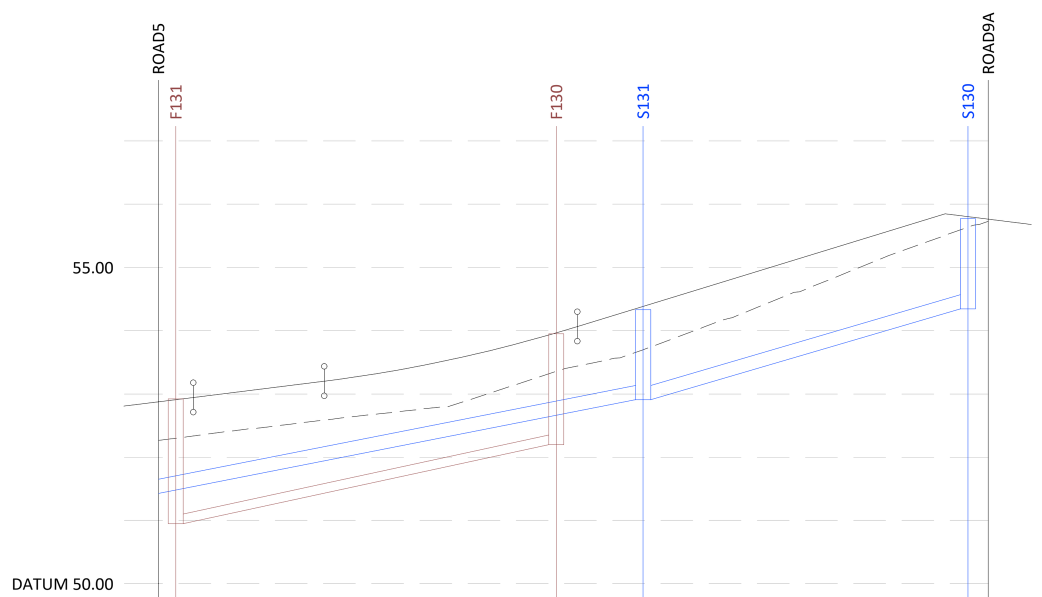
CHAINAGE	0.00 1.21 2.75 10.00 20.00 22.08 28.09 30.00 33.43 40.00 48.21 50.00 53.65 60.00 64.59
EXISTING GROUND LEVEL	51.09 51.44 51.86 52.36 52.87 53.34 53.85 54.05
ALIGNMENT LEVEL	51.61 51.96 52.45 52.94 53.44 53.93 54.42 54.48
VERTICAL ALIGNMENT	G= 4.91% 1: 20.4
HORIZONTAL ALIGNMENT	R= 64.60 / R= 33.40
COVER LEVEL	51.59 52.83 53.13 53.93
STORMWATER INVERT	Dia 225 Circular uPVC 1 in 18 29.48 51.41 / 51.41 Pipe 1.002 Dia 225 Circular uPVC 1 in 24 22.16 52.34 / 52.34 Dia 225 Circular uPVC 1 in 169 15.38
FOULWATER INVERT	48.79 Pipe 2.000 Dia 150 Circular uPVC 1 in 13 32.27 51.20

ROAD 8 - HIGHWAY LONGITUDINAL SECTION
SCALE 1:500 HORIZ 1:100 VERT



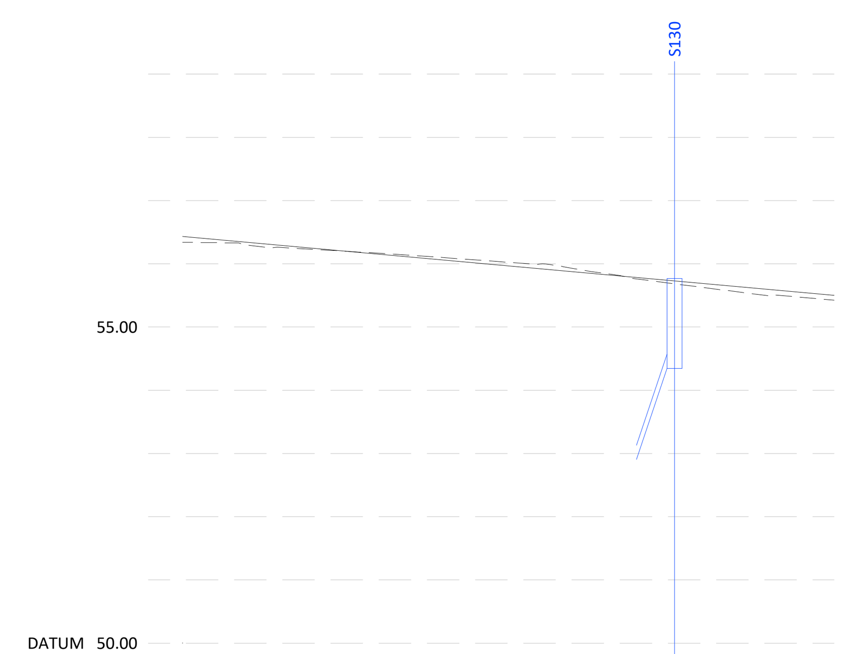
CHAINAGE	0.00 1.82 5.00 6.39 10.00 13.76 15.00 18.00 20.00 21.82 22.64 25.00 30.00 35.00 40.00 42.64 48.72 50.00 50.78 55.78 58.60 60.00 62.65 65.00 70.00 75.00 76.06 80.00 85.00 90.00 94.66
EXISTING GROUND LEVEL	52.95 53.18 53.36 53.49 53.75 54.02 54.35 54.64 54.85 55.06 55.14
ALIGNMENT LEVEL	53.26 53.30 53.37 53.48 53.58 53.67 53.70 53.72 53.76 53.85 53.96 54.09 54.16 54.37 54.65 54.72 54.79 54.92 55.04 55.16 55.27 55.36 55.44
VERTICAL ALIGNMENT	G= 2.38% 1: 41.9 / L= 20.00 R= -2714.610 / G= 1.65% 1: 60.7 / R= 1715.844 L= 20.00 / G= 2.81% 1: 35.5 / L= 32.01 R= -2835.222
HORIZONTAL ALIGNMENT	R= 11.10 / R= 13.40 / R= 16.40 / R= 9.40 / R= 23.40
COVER LEVEL	53.94 54.29
STORMWATER INVERT	52.51 Pipe 1.000 Dia 225 Circular uPVC 1 in 169 13.02 52.44

ROAD 8A - HIGHWAY LONGITUDINAL SECTION
SCALE 1:500 HORIZ 1:100 VERT



CHAINAGE	0.00 1.36 2.75 10.00 13.12 15.00 20.00 25.00 30.00 31.44 38.30 40.00 45.38 50.00 60.00 63.97 65.58
EXISTING GROUND LEVEL	52.26 52.51 52.74 53.26 53.82 54.59 55.35 55.73
ALIGNMENT LEVEL	52.94 53.12 53.20 53.25 53.42 53.63 53.88 54.07 54.49 55.10 55.71 55.85
VERTICAL ALIGNMENT	G= 2.50% 1: 40.0 / R= 551.546 L= 20.00 / G= 6.13% 1: 16.3
HORIZONTAL ALIGNMENT	R= 41.40
COVER LEVEL	52.92 53.95 54.33 55.77
STORMWATER INVERT	Dia 225 Circular uPVC 1 in 26 39.72 52.91 / 52.91 Pipe 3.000 Dia 225 Circular uPVC 1 in 18 25.98 54.34
FOULWATER INVERT	50.95 Pipe 3.000 Dia 150 Circular uPVC 1 in 24 30.08 52.20

ROAD 9 - HIGHWAY LONGITUDINAL SECTION
SCALE 1:500 HORIZ 1:100 VERT



CHAINAGE	0.00 10.00 20.00 28.72 30.00 30.41 33.50 38.89 40.00 50.00 51.49
EXISTING GROUND LEVEL	56.34 56.23 56.11 55.96 55.66 55.45 55.42
ALIGNMENT LEVEL	56.43 56.25 56.07 55.89 55.71 55.53 55.50
VERTICAL ALIGNMENT	G= -1.80% 1: -55.5
HORIZONTAL ALIGNMENT	R= 8.40 / R= 15.40
COVER LEVEL	55.77
STORMWATER INVERT	

ROAD 9A - HIGHWAY LONGITUDINAL SECTION
SCALE 1:500 HORIZ 1:100 VERT

REV.	DESCRIPTION	Date	BY	CHK
A	FIRST ISSUE	13.07.26	GA	RJ

DESIGN BY: tumu

CLIENT: Bellway

DRAWING STATUS: PLANNING APPLICATION

SCALE @ A1: HORZ=1:500 VERT=1:100

PROJECT: HAWKE RIDGE BUSINESS PARK

TITLE: LONGITUDINAL SECTIONS SHEET 4

Project Ref: Originator: Stage: Phase: Number: 20001-TUM-PL-XXX-0263

REV: A