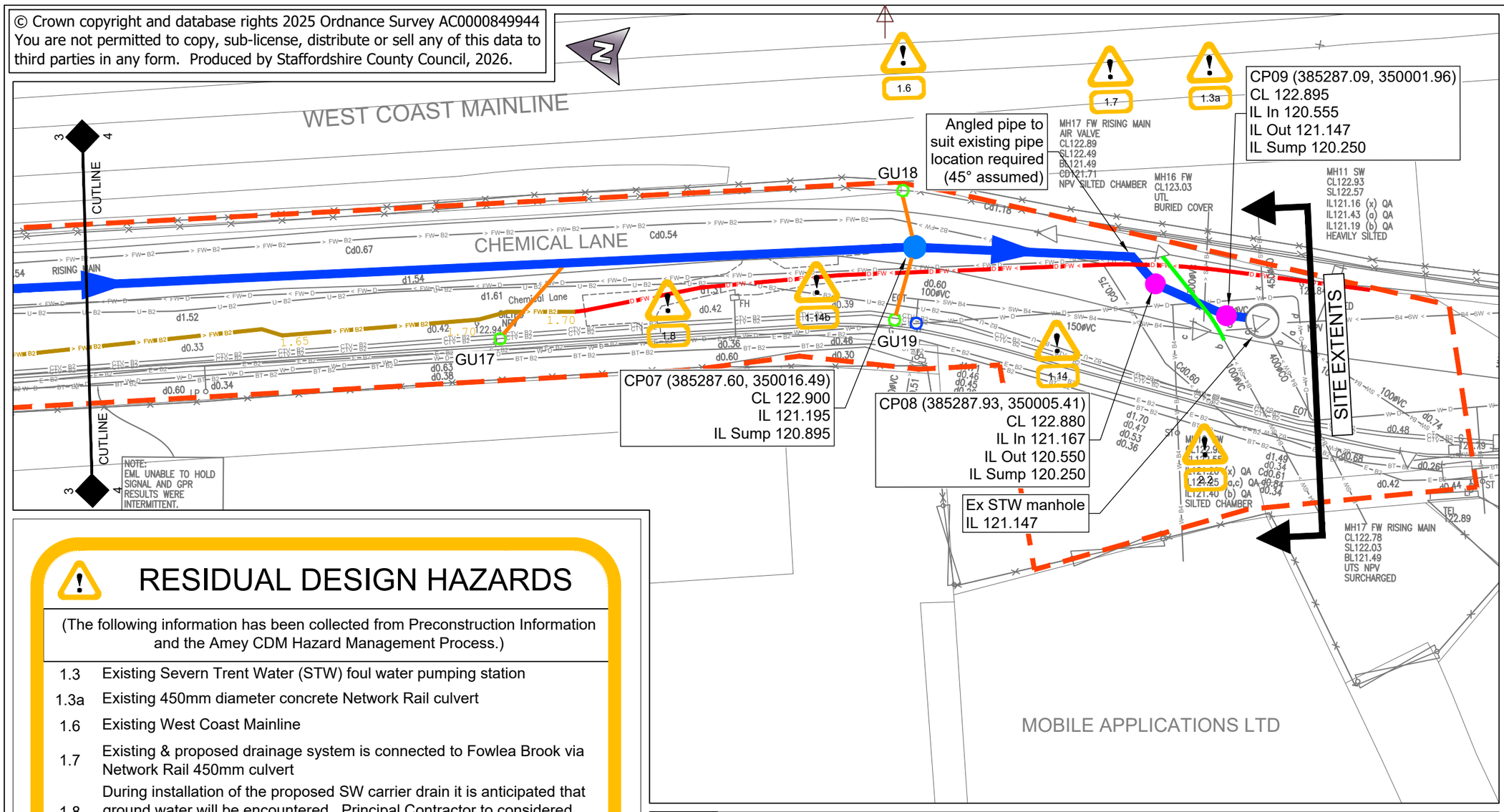
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RESIDUAL DESIGN HAZARDS

(The following information has been collected from Preconstruction Information and the Amey CDM Hazard Management Process.)

1.3	Existing Severn Trent Water (STW) foul water pumping station
1.3a	Existing 450mm diameter concrete Network Rail culvert
1.6	Existing West Coast Mainline
1.7	Existing & proposed drainage system is connected to Fowlea Brook via Network Rail 450mm culvert
1.8	During installation of the proposed SW carrier drain it is anticipated that ground water will be encountered. Principal Contractor to considered options for disposal of ground water which maybe contaminated
1.14	Existing statutory undertakers equipment within the work area. For combined utilities plan the Principal Contractor is to reference drawing D3150F-R27-01
1.14a	Existing Network Rail feeder pillar and overhead electrical lines for the Coast Mainline. Principle Contractor to establish a 3m exclusion zone within Chemical Lane offset the face of the retaining wall running parallel to the railway line
1.14b	Proposed line of new STW foul rising main
1.14c	Existing communication cable within the proposed SW carrier drain dig. Principal Contractor to hand dig in this area to locate cable and adjust position to suit gully branch connection
2.2	Chemical Lane will need to be closed to traffic, so a diversion will need to be in place for motorists. A safe route through the works for NMU's is required
3.1	Due to nature of the business properties around Chemical Lane a lot of silt is created which finds its way into the drainage system. An enhanced maintenance regime will be required to keep the system operational

KEY:

- Highway Maintainable at Public Expense (HMPE)
- CP01 — Proposed Type 7 catchpit, 1050mm Ø
- CP01 — Proposed Type 7 catchpit, 900mm Ø
- GU01 — Proposed gully pot, frame & lid
- GU01 — Existing gully pot, frame & lid removed. Reinstate carriageway as per Appendix 2/1
- GU01 — Existing gully pot, frame & lid removed. New gully pot, frame, lid & connection to be installed at the same location
- Proposed 225mm Ø SW carrier drain & flow direction. Design Group 17 (ST4 concrete bed & surround) laid at a grade of 1 in 300
- Proposed 375mm Ø SW carrier drain & flow direction. Design Group 17 (ST4 concrete bed & surround) laid at a grade of 1 in 375
- Proposed 150mm Ø gully connection. Design Group 17 (ST4 concrete bed & surround)
- Proposed slip trench to aid alteration to the comm's cable level if clashes with gully connection (if required)
- Assumed route of STW rising main
- As built route of STW rising main
- Assumed route of STW foul drain

NOTES:

1. Drawings are to be printed in full colour.
2. All dimensions in metres unless stated otherwise.
3. Proposed scheme layout shown on drawing. For specific details refer to the relevant Series drawings.
4. Design based on topographical and underground utility survey commisioned by Severn Trent Water, carried out by Tetra Tech, Drawing No: 784-B073934-TTE-ZZ-ZZ-DR-G-001 Rev B, dated May 2026.

Pipe Lengths Between Manholes	
CP06-CP07	68.23m
CP07-CP08	10.57m
CP08-CP09	2.65m
CP09-Ex STW	0.45m

Rev	Detail	By	Date
C0	Construction Issue	GH	21.07.2026

Revisions

Original Version

Drawn: GH
Design: LF

Date: July 2026 Construction

Checked by:- Ghadiali, Sunil (Amey) Digitally signed by Ghadiali, Sunil (Amey) Date: 2026.07.21 13:53:52 +01'00'

Approved by:- (Drawing NOT approved if this box is empty) Foxall, Lance (Place) Digitally signed by Foxall, Lance (Place) Date: 2026.07.21 15:14:04 +01'00'

Staffordshire County Council working with Amey
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Project Name
D3150F - Chemical Lane Drainage Improvement Scheme

Drawing Title
Amey Consulting
Drainage Plan
Sheet 4 of 4

Grid reference : 385263.994, 350114.731
Original Drawing Size : A3 Dimensions : m
Scale : 1:200 Copyright © Amey

Drawing No D3150F-R05-27 Rev C0

File Name:- D3150F-R05-24 Drainage Plan.dwg
Layout Name:- D3150F-R05-27

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