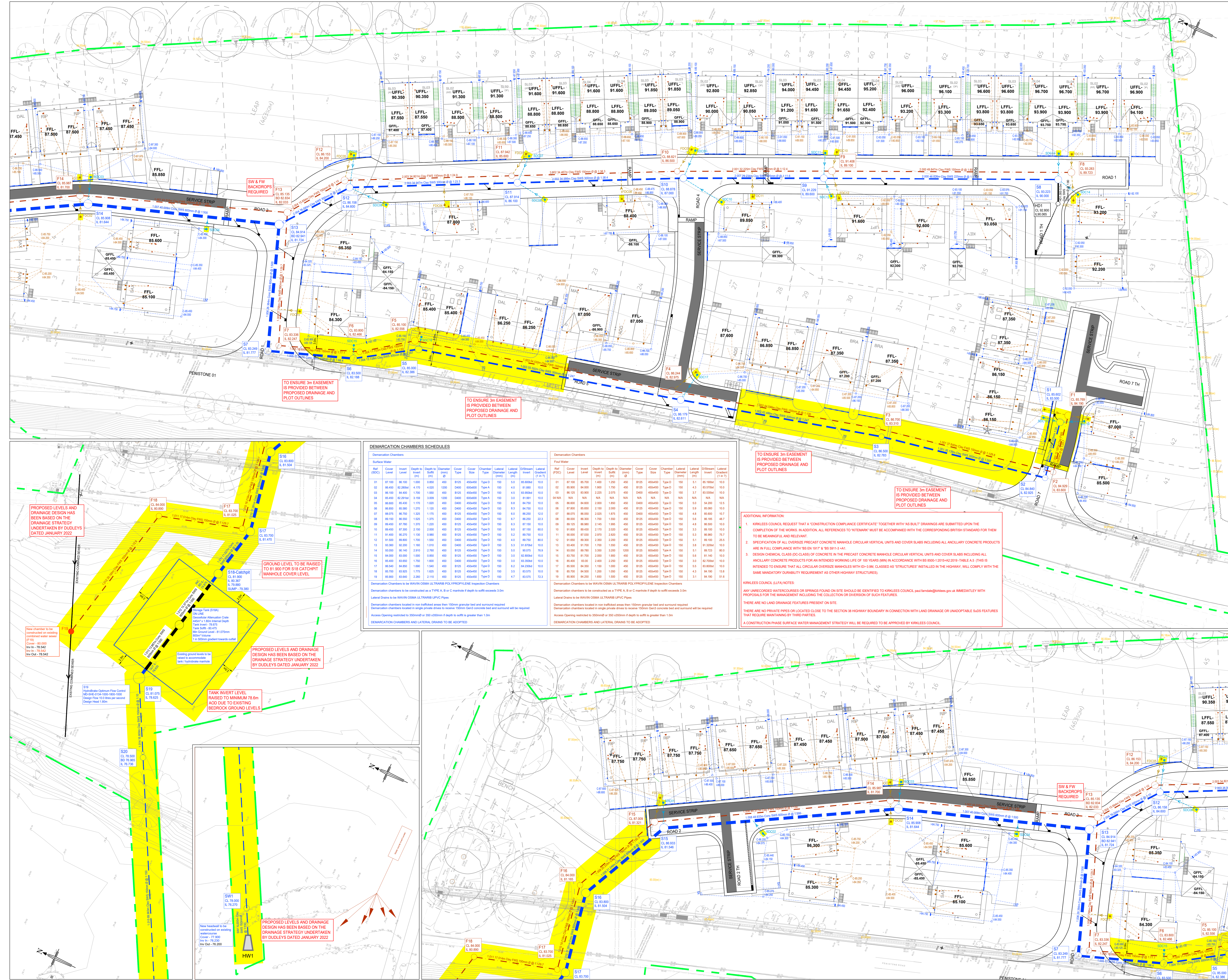




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It is the contractors responsibility to ensure full compliance with the Building Regulations. Do not scale from this drawing, use figured dimensions only. It is the contractors responsibility to check and verify all dimensions on site. Any discrepancies to be reported immediately.

IF IN DOUBT ASK

Materials not in conformity with relevant British or European Standards/Codes of practice or materials known to be deleterious to health & safety must not be used or specified on this project.

Bryan G Hall Limited has not checked or verified, and shall therefore not be liable for any inaccuracies which may be attributable to any base plan(s) reports, data or information provided by the client, or purchased by the contractor on the clients behalf, that may have been utilised within this drawing.

Bryan G Hall Limited shall not be liable for the use of this or any associated document, for any purpose, by any person other than that for which it was prepared.

It remains the clients and/or its appointed contractors responsibility to check for any discrepancies. Any anomalies discovered must be reported immediately to Bryan G Hall Limited for verification.

The locations of utilities apparatus, if shown, have been reproduced from plans supplied to Bryan G Hall Limited. Although care has been taken when duplicating this information to these locations are representative only. No guarantee can be given by Bryan G Hall Limited for their accuracy. It is the clients or its appointed agent contractors responsibility to verify the exact locations on site by appropriate means prior to mechanical excavation.

KEY:

- Existing Surface Water Sewer and Manhole
- Existing Foul Water Sewer and Manhole
- Existing Combined Sewer and Manhole
- Proposed Surface Water Sewer and Manhole
- Proposed Surface Water Sewer and Manhole and Backdrop
- Proposed Surface Water Flow Control
- Proposed Surface Water Lateral Drain and Demarcation Chamber
- Proposed Surface Water Lateral Drain and Demarcation Chamber with Backdrop
- Proposed Private Surface Water Drain and Inspection Chamber (100mm Ø at 1 in 40 at top of run and 1 in 80 minimum elsewhere unless specified otherwise)
- Rainwater Down Pipe
- Rooftop Gully
- Yard Gully
- ACO drainage Channel or Similar
- Concrete Dish Channel and gully
- Proposed Foul Water Sewer and Manhole
- Proposed Foul Water Sewer and Manhole and Backdrop
- Proposed Foul Water Lateral Drain and Demarcation Chamber
- Proposed Foul Water Lateral Drain and Demarcation Chamber with Backdrop
- Proposed Private Foul Water Mini Inspection Chamber
- Soil Vent Pipe or Foul Direct Connection
- Proposed Highway Gully and 150mm Ø Connection
- Proposed Easement

NOTES:

1. All statutory undertakers equipment in factory and cabling to be located and diverted before work commences.
2. A protection code through the works shall be maintained at all times and clearly defined by suitable barriers and lights where necessary.
3. The contractor is obliged to obtain necessary road opening and/or sewer connection licences prior to commencement of the works.
4. On wetland and/or other protected areas the contractor shall be liable to obtain necessary licences prior to commencement of the works.
5. All existing gullies and drains shall be cleared of debris and high pressure water jetted prior to commencement of the works.
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ADDITIONAL INFORMATION:

1. KIRKLEES COUNCIL REQUEST THAT A 'CONSTRUCTION COMPLIANCE CERTIFICATE' TOGETHER WITH 'AS BUILT' DRAWINGS ARE SUBMITTED UPON THE COMPLETION OF THE WORKS. IN ADDITION, ALL REFERENCES TO 'ITEMARK' MUST BE ACCOMPANIED BY THE CORRESPONDING BRITISH STANDARD FOR THEM TO BE MEANINGFUL AND RELEVANT.
2. SPECIFICATION OF ALL OVERSIDE PRECAST CONCRETE MANHOLE CIRCULAR VERTICAL UNITS AND COVER SLABS INCLUDING ALL ANCHLARY CONCRETE PRODUCTS ARE IN FULL COMPLIANCE WITH BS EN 12917 & BS EN 12913-1.
3. DESIGN CHEMICAL CLASS (CC-CLASS) OF CONCRETE IN THE PRECAST CONCRETE MANHOLE CIRCULAR VERTICAL UNITS AND COVER SLABS INCLUDING ALL ANCHLARY CONCRETE PRODUCTS FOR AN ANTICIPATED WORKING LIFE OF 100 YEARS (MIN) IN ACCORDANCE WITH BS 8001-2016+A2:2019-TABLE A.5. THIS IS INTENDED TO ENSURE THAT ALL CIRCULAR OVERSIDE MANHOLES WITH 'D'-MARK CLASSIFIED AS 'STRUCTURES' INSTALLED IN THE HIGHWAY, WILL COMPLY WITH THE SAME MANDATORY DURABILITY REQUIREMENT AS OTHER HIGHWAY STRUCTURES.

KIRKLEES COUNCIL (LPA) NOTES:

ALL UNDEVELOPED WATERCOURSES OR SPRINGS FOUND ON SITE SHOULD BE IDENTIFIED TO KIRKLEES COUNCIL planning@kirklees.gov.uk IMMEDIATELY WITH PROPOSALS FOR THE MANAGEMENT INCLUDING THE COLLECTION OF OVERFLOW OF SUCH FEATURES.

THERE ARE NO LAND DRAINAGE FEATURES PRESENT ON SITE.

THERE ARE NO PRIVATE PIPES OR LOCATED CLOSE TO THE SECTION 38 HIGHWAY BOUNDARY IN CONNECTION WITH LAND DRAINAGE OR UNACCEPTABLE SUOS FEATURES THAT REQUIRE MAINTAINING BY THIRD PARTIES.

A CONSTRUCTION PHASE SURFACE WATER MANAGEMENT STRATEGY WILL BE REQUIRED TO BE APPROVED BY KIRKLEES COUNCIL.

DEMARCATION CHAMBERS SCHEDULES

Ref	Surface Water	Foul Water
01	85.100	85.100
02	85.100	85.100
03	85.100	85.100
04	85.100	85.100
05	85.100	85.100
06	85.100	85.100
07	85.100	85.100
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11	85.100	85.100
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16	85.100	85.100
17	85.100	85.100
18	85.100	85.100
19	85.100	85.100

DEMARCATION CHAMBERS SCHEDULES

Ref	Surface Water	Foul Water
20	85.100	85.100
21	85.100	85.100
22	85.100	85.100
23	85.100	85.100
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DEMARCATION CHAMBERS SCHEDULES

Ref	Surface Water	Foul Water
101	85.100	85.100
102	85.100	85.100
103	85.100	85.100
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DEMARCATION CHAMBERS SCHEDULES

Ref	Surface Water	Foul Water
201	85.100	85.100
202	85.100	85.100
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