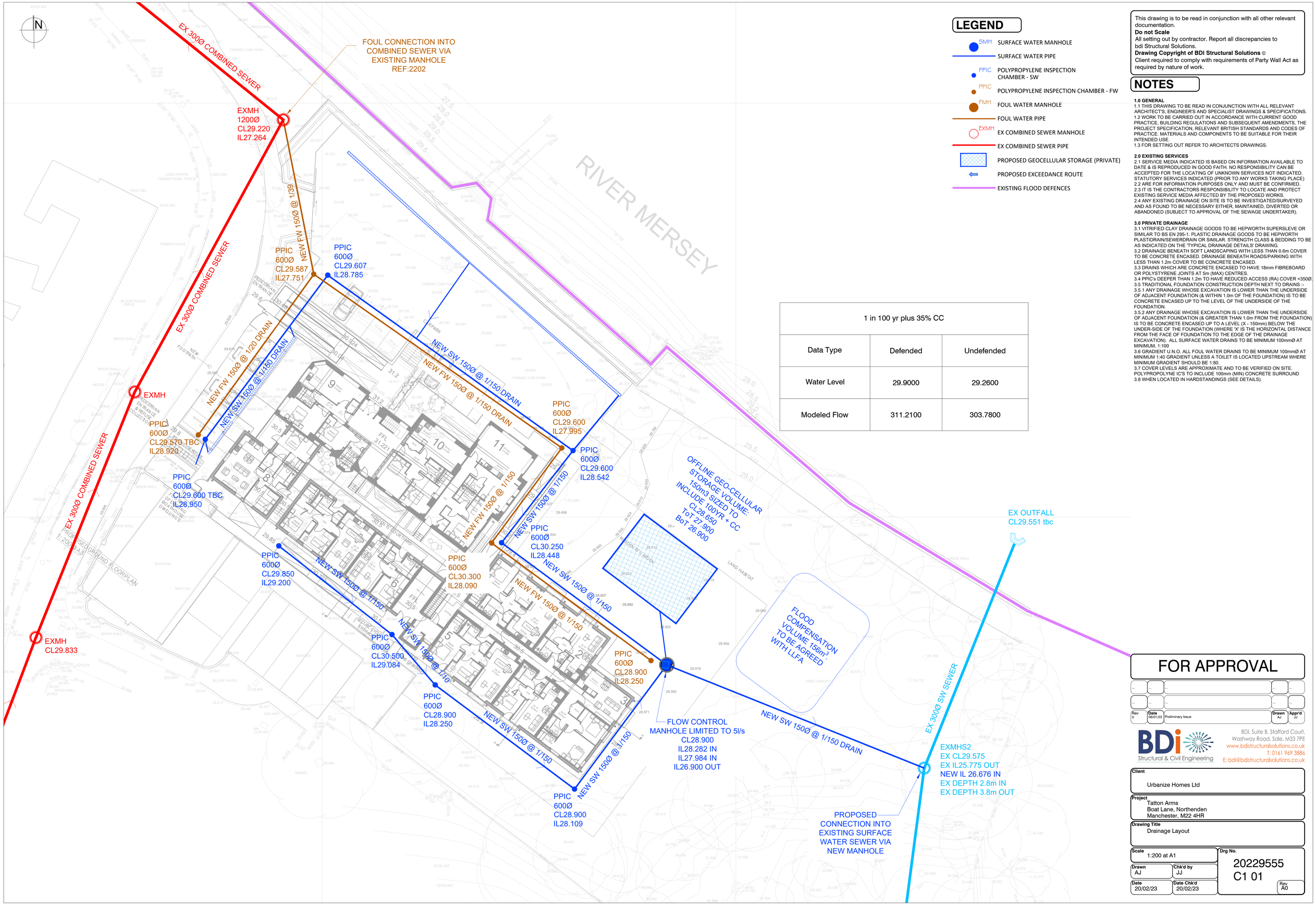


1 in 100 yr plus 35% CC		
Data Type	Defended	Undefended
Water Level	29.9000	29.2600
Modeled Flow	311.2100	303.7800

LEGEND

- SMH — SURFACE WATER MANHOLE
- SURFACE WATER PIPE
- PPIC — POLYPROPYLENE INSPECTION CHAMBER - SW
- PPIC — POLYPROPYLENE INSPECTION CHAMBER - FW
- FMH — FOUL WATER MANHOLE
- FOUL WATER PIPE
- EXMH — EX COMBINED SEWER MANHOLE
- EX COMBINED SEWER PIPE
- PROPOSED GEOCELLULAR STORAGE (PRIVATE)
- PROPOSED EXCEEDANCE ROUTE
- EXISTING FLOOD DEFENCES

This drawing is to be read in conjunction with all other relevant documentation.
Do not Scale
All setting out by contractor. Report all discrepancies to bdi Structural Solutions.
Drawing Copyright of BDI Structural Solutions ©
Client required to comply with requirements of Party Wall Act as required by nature of work.

NOTES

1.0 GENERAL
1.1 THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S, ENGINEER'S AND SPECIALIST DRAWINGS & SPECIFICATIONS.
1.2 WORK TO BE CARRIED OUT IN ACCORDANCE WITH CURRENT GOOD PRACTICE, BUILDING REGULATIONS AND SUBSEQUENT AMENDMENTS, THE PROJECT SPECIFICATION, RELEVANT BRITISH STANDARDS AND CODES OF PRACTICE. MATERIALS AND COMPONENTS TO BE SUITABLE FOR THEIR INTENDED USE.
1.3 FOR SETTING OUT REFER TO ARCHITECTS DRAWINGS.

2.0 EXISTING SERVICES
2.1 SERVICE MEDIA INDICATED IS BASED ON INFORMATION AVAILABLE TO DATE & IS REPRODUCED IN GOOD FAITH. NO RESPONSIBILITY CAN BE ACCEPTED FOR THE LOCATING OF UNKNOWN SERVICES NOT INDICATED. STATUTORY SERVICES INDICATED (PRIOR TO ANY WORKS TAKING PLACE) 2.2 ARE FOR INFORMATION PURPOSES ONLY AND MUST BE CONFIRMED.
2.3 IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE AND PROTECT EXISTING SERVICE MEDIA AFFECTED BY THE PROPOSED WORKS.
2.4 ANY EXISTING DRAINAGE ON SITE IS TO BE INVESTIGATED/SURVEYED AND AS FOUND TO BE NECESSARY EITHER, MAINTAINED, DIVERTED OR ABANDONED (SUBJECT TO APPROVAL OF THE SEWAGE UNDERTAKER).

3.0 PRIVATE DRAINAGE
3.1 VITRIFIED CLAY DRAINAGE GOODS TO BE HEPWORTH SUPERSLEVE OR SIMILAR TO BS EN 295-1. PLASTIC DRAINAGE GOODS TO BE HEPWORTH PLASTIDRAIN/SEWERDRAIN OR SIMILAR. STRENGTH CLASS & BEDDING TO BE AS INDICATED ON THE 'TYPICAL DRAINAGE DETAILS' DRAWING.
3.2 DRAINAGE BENEATH SOFT LANDSCAPING WITH LESS THAN 0.6m COVER TO BE CONCRETE ENCASED. DRAINAGE BENEATH ROADS/PARKING WITH LESS THAN 1.2m COVER TO BE CONCRETE ENCASED.
3.3 DRAINS WHICH ARE CONCRETE ENCASED TO HAVE 18mm FIBREBOARD OR POLYSTYRENE JOINTS AT 5m (MAX) CENTRES.
3.4 PPIC's DEEPER THAN 1.2m TO HAVE REDUCED ACCESS (RA) COVER <350Ø
3.5 TRADITIONAL FOUNDATION CONSTRUCTION DEPTH NEXT TO DRAINS :-
3.5.1 ANY DRAINAGE WHOSE EXCAVATION IS LOWER THAN THE UNDERSIDE OF ADJACENT FOUNDATION (& WITHIN 1.0m OF THE FOUNDATION) IS TO BE CONCRETE ENCASED UP TO THE LEVEL OF THE UNDERSIDE OF THE FOUNDATION.
3.5.2 ANY DRAINAGE WHOSE EXCAVATION IS LOWER THAN THE UNDERSIDE OF ADJACENT FOUNDATION (& GREATER THAN 1.0m FROM THE FOUNDATION) IS TO BE CONCRETE ENCASED UP TO A LEVEL (X - 150mm) BELOW THE UNDER-SIDE OF THE FOUNDATION (WHERE 'X' IS THE HORIZONTAL DISTANCE FROM THE FACE OF FOUNDATION TO THE EDGE OF THE DRAINAGE EXCAVATION). ALL SURFACE WATER DRAINS TO BE MINIMUM 100mmØ AT MINIMUM, 1:100
3.6 GRADIENT U.N.O. ALL FOUL WATER DRAINS TO BE MINIMUM 100mmØ AT MINIMUM 1:40 GRADIENT UNLESS A TOILET IS LOCATED UPSTREAM WHERE MINIMUM GRADIENT SHOULD BE 1:80.
3.7 COVER LEVELS ARE APPROXIMATE AND TO BE VERIFIED ON SITE. POLYPROPOLYNE IC'S TO INCLUDE 100mm (MIN) CONCRETE SURROUND
3.8 WHEN LOCATED IN HARDSTANDINGS (SEE DETAILS).

FOR APPROVAL

Rev	Date		Drawn	Appr'd
0	06/01/23	Preliminary Issue	AJ	JJ

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Project
Tatton Arms
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Drawing Title
Drainage Layout

Scale	Drg No.
1:200 at A1	20229555 C1 01
Drawn: AJ / Chk'd by: JJ	Rev A0
Date: 20/02/23 / Date Chk'd: 20/02/23	