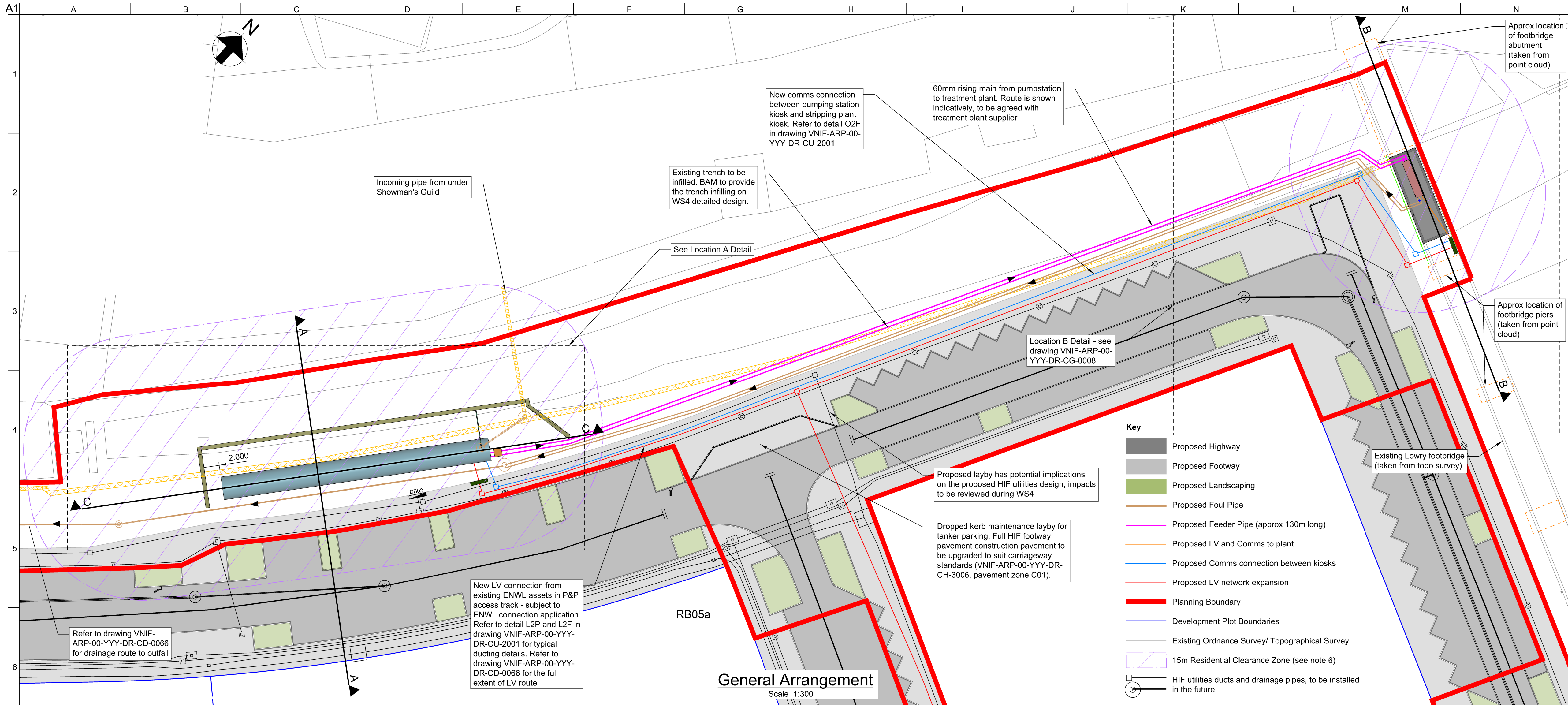
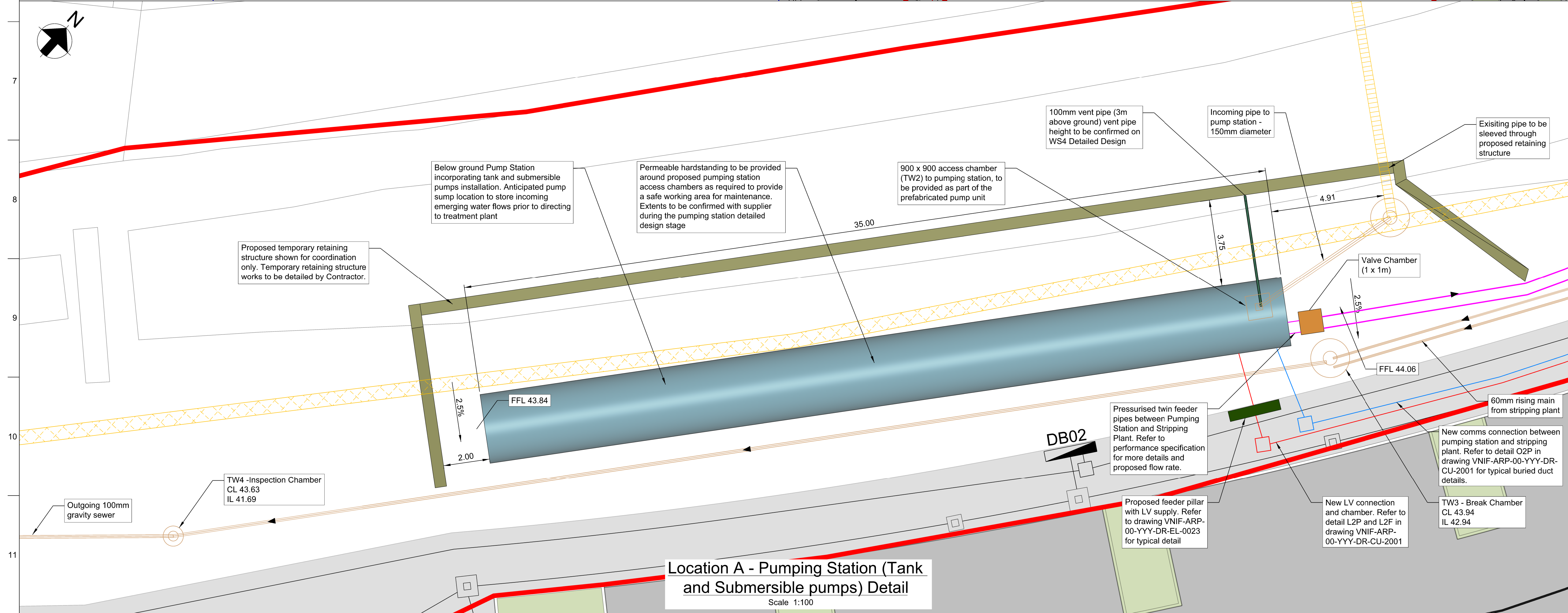




- General Notes
- All dimensions are in m, all levels in mAOD, unless specified otherwise.
 - This map is reproduced from Ordnance Survey Material with the permission of the Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office (c) Crown Copyright. License Number 100019568 (2021).
 - Layout is based on:
 - Plot boundaries developed in conversation with FEC Winter 2021/2
 - boundaries between adjacent plots are indicative only and are subject to change as the FEC masterplan is developed.
 - Topographical Survey drawing PS-2158-TS by Paragon Surveys dated September 2021.
 - Proposed Plateau Avenue General Arrangement Issue P04 dated 10/02/22.
 - Location of existing incoming pipe from beneath the Showman's Guild and existing UU sewer is based on drawing 230131 from Bam, received 31/01/23.
 - Point cloud from BAM supplied drone survey received 27/03/2024.
 - For sections see drawing VNIF-ARP-00-YYY-DR-CG-0006, swept path analysis see drawings VNIF-ARP-00-YYY-DR-CH-3083 and VNIF-ARP-00-YYY-DR-CH-3084 and deliverables list for all other drawings.
 - Pipe sizes have been specified to maintain velocity in pipeline, based upon volumetric flowrates established in the Performance Specification VHIF-ARP-ZZ-YYY-SP-MP-0001.
- Permanent Treatment Plant Notes
- Location assumes that the cylindrical feed pumpstation will have a maximum size of 3m x 35m, refer to 'Permanent Water Treatment Plant Design Assessment' Technical Note dated 12 Nov 2024 for details of tank sizing.
 - Location of permanent treatment plant needs to have permanent vehicular access for plant set up and maintenance, and access to electricity supply.
 - As agreed with the supplier on 18/10/2024, there is no requirement for fencing around the pumping station. Stripping Plant is to be fenced and screened. According to Landscape screening proposal perforated metal panels are to be applied from FEC side. Standard 1.8m fence to be applied from TIGM side.
 - Type 3 Pumping Station and 15m residential clearance zone has been based on Design and Construction Guidance for foul and surface water sewers offered for adoption under Code for adoption agreements for water and sewerage companies operating wholly or mainly in England ("the Code"). Refer to Performance Specification VHIF-ARP-ZZ-YYY-SP-MP-0001.
 - It will be possible to operate both the pumping station and treatment plant in a batch mode, please refer to the Control Philosophy VNIF-ARP-ZZ-YYY-RP-MP-0001 for further information.
 - The proposed CCTV strategy for the stripping plant and pump station, as agreed with the JV on 2nd October 2024, is for wireless CCTV connections to an on-site control room. Therefore no external hardware CCTV connection is proposed as part of the design, a comms connection between the pumping station and stripping plant is provided.
 - Proposed retaining structure to be temporary. BAM to confirm requirements for the temporary works design with the temporary works designer (confirmed by BAM 2024-11-04).



Rev	Date	Description	By	Chkd	Appd	Auth
P01	28/05/24	WS3 Issue	ES	EC	EF	---
P02	28/05/24	WS3 Issue	ES	EC	EF	---
P03	22/07/24	WS3 Permanent Water Treatment Plant Design	AS	EF	EF	---
P04	19/11/24	Issued for Planning	AS	ES	EF	---
P05	26/11/24	Issued for Planning	AS	EF	EF	---
P06	13/12/24	Planning Boundary Amended	ES	ES	ES	---
P07	19/12/24	Amended Planning Boundary	ES	ES	ES	---

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Client

MANCHESTER CITY COUNCIL

bam nuttall

Project Title
Victoria North HIF Infrastructure & Enabling Works

Drawing Title
Proposed Permanent Water Treatment Plant Layout

Scale at A1		AS SHOWN		Asup Job No		282022-00	
Role		Civils - Geotechnical					
Suitability		S3 - Issued for Review and Comment					
Rev	By	Chkd	Appd	---			
	ES	ES	ES				
	P07	Date	Date	Date	---		
	19/12/24	19/12/24	19/12/24				
Name							
VNIF - ARP- 00 - YYY - DR - CG - 0007							
Project	Originator	Volume	Location	Type	Role	Number	