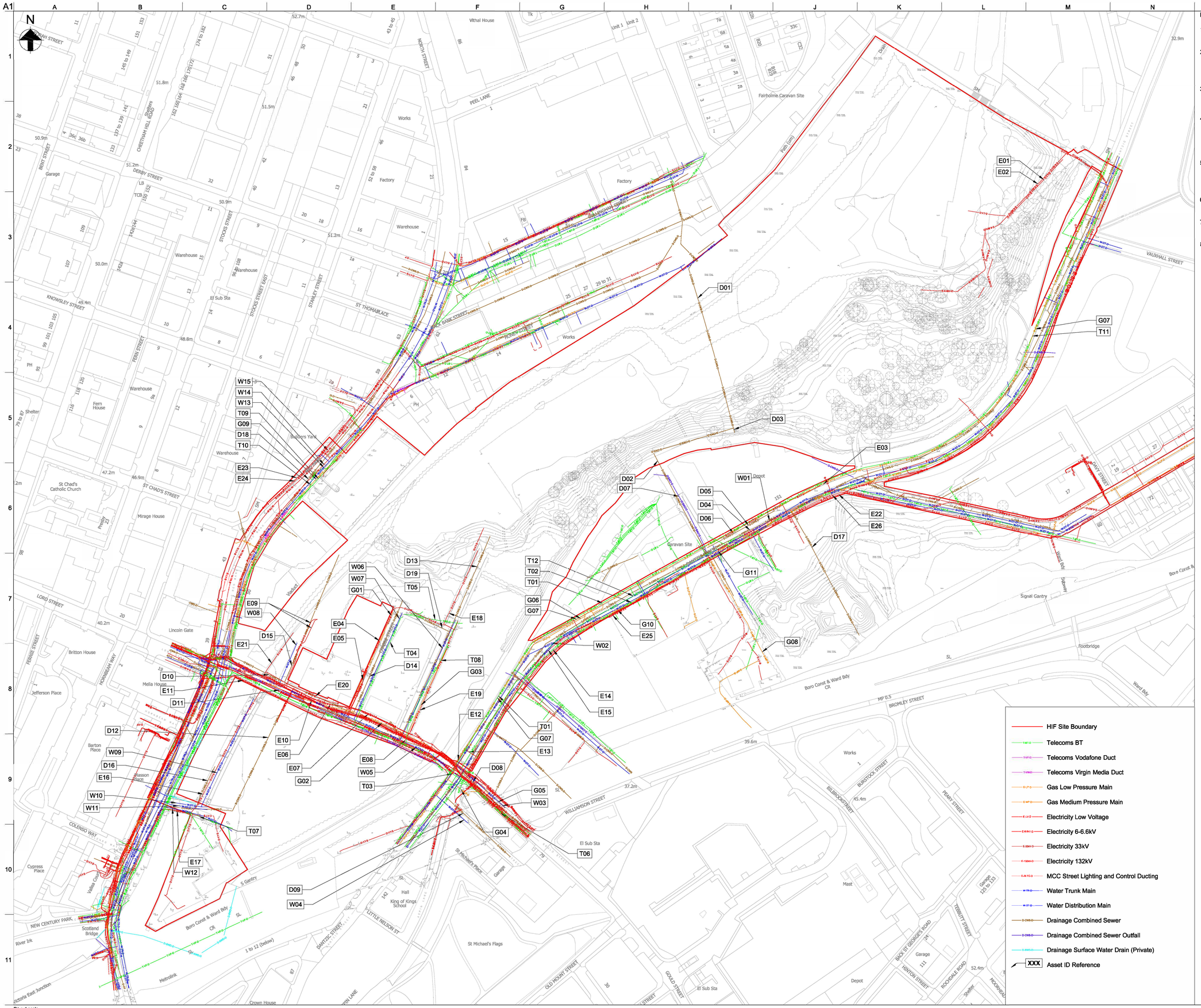
A1



Notes

1. All dimensions are in mm, all levels in mAOD, unless specified otherwise.
2. 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).
3. Layout is based on:
 • Topographical Survey drawing PS-2158-TS by Paragon Surveys dated September 2021.
4. Existing Utilities layout based on the following information:
 - Utility Search Map drawing 97079 undertaken by Atkins dated 24/06/2021.
 - Partial GPR Survey drawing PUM-11943-U-DR-0001 Rev 01 undertaken by Precison Utility Mapping dated 11/11/2021.
5. No guarantee is given for the accuracy of the information contained herein, which is provided for general guidance only and must not be relied upon for excavation or detailed design until apparatus locations are verified / validated through further site investigation works.
6. Where electricity and telecommunications cables are indicated there may be multiple cables present.
7. Communications cables shown do not reflect that in some areas ducts are shared between companies.
8. Utilities have been drawn to PAS128 standard. The Located Service Classification table below gives a brief overview. For further details refer to document 'PAS 128:2014 Specification for underground utility detection, verification and location'.

Located Service Classification	Certainty/Risk
Type A Verification - Visual identification	
Type B Detection - Typically GPR and EML techniques are used	Costs
Type C Site reconnaissance - Physical surface features identified	
Type D Desktop utility records search	

HIF Site Boundary
Telecoms BT
Telecoms Vodafone Duct
Telecoms Virgin Media Duct
Gas Low Pressure Main
Gas Medium Pressure Main
Electricity Low Voltage
Electricity 6-6.6kV
Electricity 33kV
Electricity 132kV
MCC Street Lighting and Control Ducting
Water Trunk Main
Water Distribution Main
Drainage Combined Sewer
Drainage Combined Sewer Outfall
Drainage Surface Water Drain (Private)
XXX Asset ID Reference

Rev	Date	Description	By	Chkd	Appd	Auth
P01	26/08/21		AS	AS	AS	---
P02	17/12/21		EC	RG	RG	---
P03	01/02/22		EC	EC	RG	---
P04	18/02/22	Amended for planning	EC	RG	RG	---
P05	04/03/22		AS	EC	RG	---

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Client
MANCHESTER CITY COUNCIL
bam nuttall

Project Title
Victoria North HIF Infrastructure & Enabling Works

Drawing Title
Existing Site Wide HIF Utilities & Drainage

Scale at A1	1:1250	Arup Job No	282022-00
Role	Consultant for Utilities		
Suitability	S3 - Issued for Review and Comment		

Rev	By	Chkd	Appd	
P05	AS	EC	RG	---
	Date 03/03/22	Date 03/03/22	Date 04/03/22	---

Name
VNIF - ARP - 00 - YYY - DR - CU - 0001
Project | Originator | Volume | Location | Type | Role | Number

Do not scale

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