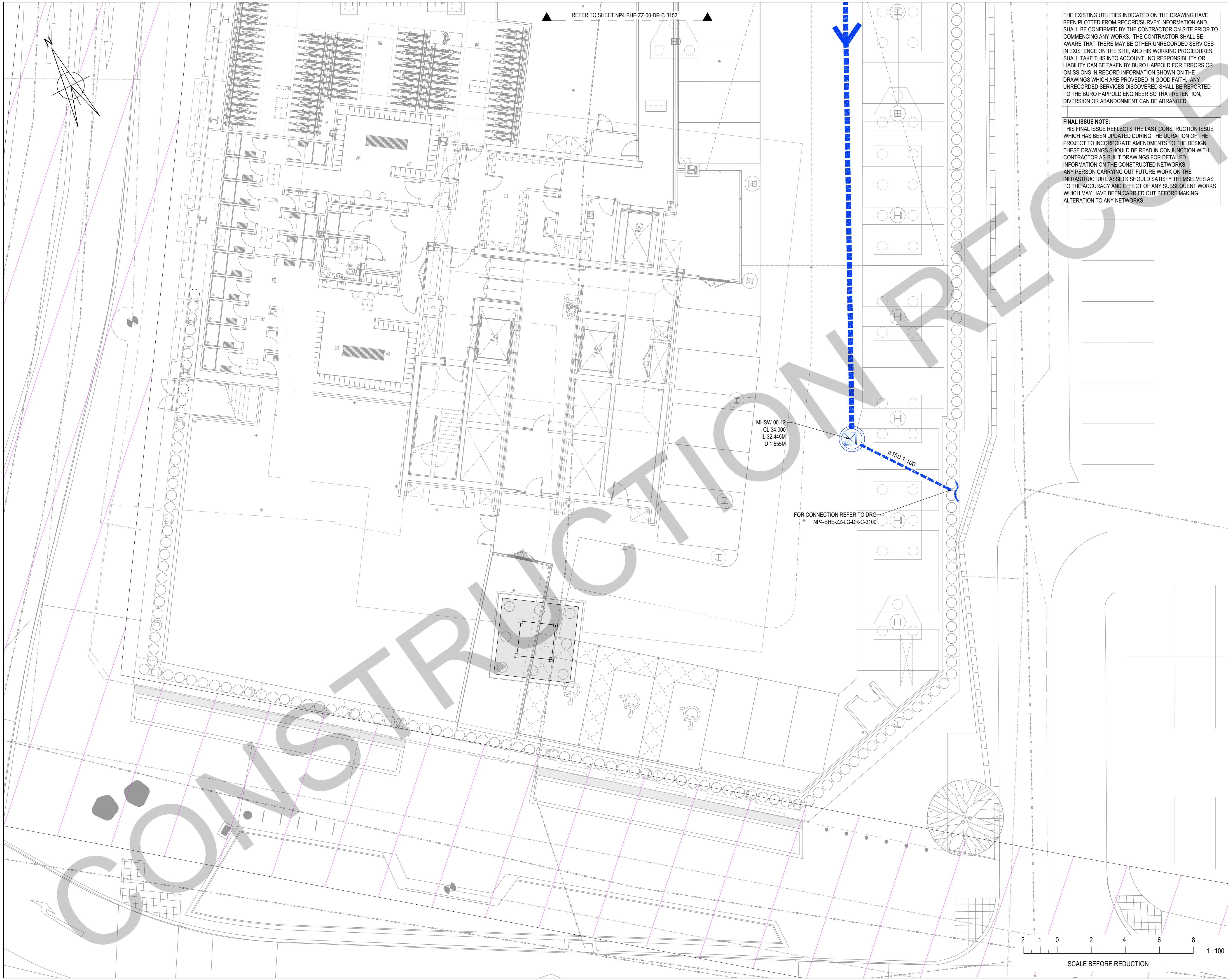




REFER TO SHEET NP4-BHE-ZZ-00-DR-C-3152

THE EXISTING UTILITIES INDICATED ON THE DRAWING HAVE BEEN PLOTTED FROM RECORD/SURVEY INFORMATION AND SHALL BE CONFIRMED BY THE CONTRACTOR ON SITE PRIOR TO COMMENCING ANY WORKS. THE CONTRACTOR SHALL BE AWARE THAT THERE MAY BE OTHER UNRECORDED SERVICES IN EXISTENCE ON THE SITE, AND HIS WORKING PROCEDURES SHALL TAKE THIS INTO ACCOUNT. NO RESPONSIBILITY OR LIABILITY CAN BE TAKEN BY BURO HAPPOLD FOR ERRORS OR OMISSIONS IN RECORD INFORMATION SHOWN ON THE DRAWINGS WHICH ARE PROVIDED IN GOOD FAITH. ANY UNRECORDED SERVICES DISCOVERED SHALL BE REPORTED TO THE BURO HAPPOLD ENGINEER SO THAT RETENTION, DIVERSION OR ABANDONMENT CAN BE ARRANGED.

DO NOT SCALE THIS DRAWING.

HEALTH AND SAFETY INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:

CONSTRUCTION:

- RISK OF STRIKING EXISTING UTILITIES
- WORKING IN CONFINED SPACE

MAINTENANCE/CLEANING/OPERATION:

- ADJACENT TO ROAD TRAFFIC
- WORKING IN CONFINED SPACE

FINAL ISSUE NOTE:

THIS FINAL ISSUE REFLECTS THE LAST CONSTRUCTION ISSUE WHICH HAS BEEN UPDATED DURING THE DURATION OF THE PROJECT TO INCORPORATE AMENDMENTS TO THE DESIGN. THESE DRAWINGS SHOULD BE READ IN CONJUNCTION WITH CONTRACTOR AS-BUILT DRAWINGS FOR DETAILED INFORMATION ON THE CONSTRUCTED NETWORKS. ANY PERSON CARRYING OUT FUTURE WORK ON THE INFRASTRUCTURE ASSETS SHOULD SATISFY THEMSELVES AS TO THE ACCURACY AND EFFECT OF ANY SUBSEQUENT WORKS WHICH MAY HAVE BEEN CARRIED OUT BEFORE MAKING ALTERATION TO ANY NETWORKS.

- Notes
1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
 2. DRAWINGS BASED ON THE FOLLOWING BACKGROUND INFORMATION:
 - SITE PLAN LAYOUT BY ARCHITECT (SIMPSON HAUGH) RECEIVED 24.09.2020.
 - TOPOGRAPHICAL SURVEY INFORMATION FROM GARDINER RECEIVED 17.01.2019.
 - EXTERNAL HARDWORKS LAYOUT PLAN BY PLANT RECEIVED 29.10.2020.
 3. CONNECTIONS FROM ALL DOWN PIPES TO BE 150Ø UNLESS NOTED OTHERWISE.
 4. REFER TO MANHOLE SCHEDULE FOR CONNECTION FROM ROAD GULLIES AND CHANNEL DRAIN, DRAWING NP4-BHE-ZZ-XX-DR-C-3300.
 5. PIPEWORK BELOW SLAB TO BE CLAY BY CONTRACTOR'S PROPOSAL.
 6. EXTERNAL PIPEWORK UP TO 300mm TO BE CLAY HEPWORTH SUPER SLEEVE OR APPROVED EQUIVALENT. PIPES ABOVE 300mm TO BE MILTON PRECAST CONCRETE OR EQUAL APPROVED.
 7. FOR DRAINAGE DETAILS REFER TO DRAWINGS NP4-BHE-ZZ-XX-DR-C-3311 TO 3316.
 8. FOR INTERNAL & EXTERNAL MANHOLE SETTING OUT INFORMATION REFER TO MANHOLE SCHEDULES IN DRAWING NP4-BHE-ZZ-XX-DR-C-3300.
 9. ALL RAINWATER DOWNPIPE (RWP) LOCATIONS ARE TO BE SET OUT BY SES.

LEGEND	
	SITE BOUNDARY
	PROPOSED SURFACE WATER DRAINAGE
	PROPOSED ATTENUATION TANK
	PROPOSED CHANNEL DRAIN WITH SUMP OUTLET
	PROPOSED SLOT DRAIN WITH SUMP OUTLET
	10m EASEMENT ZONE
	RODDING EYE
	315mm WATER MAIN WITH 10m EASEMENT ZONE
	TRUNK WATER MAIN WITH 10m EASEMENT ZONE

C04 FINAL CONSTRUCTION ISSUE	07.06.23	RB	LJ	
C03 UPDATED FOLLOWING COMMENTS	05.10.22	RB	LJ	
C02 STAGE 5 REISSUE	13.04.21	RB	NP	
C01 STAGE 5 ISSUE	26.02.21	RH	NP	
Rev	Description	Date	Drm	Ch'd

FINAL CONSTRUCTION

Status of drawing

**BURO HAPPOLD
ENGINEERING**

The Cube
113 – 115 Portland Street
Manchester, M1 6DW
UK

Tel: +44 (0)161 233 5000
Fax: +44 (0)870 787 4143
Email: 0047214@burohappold.com
Web: www.burohappold.com

Architect **SIMPSON HAUGH & PARTNERS**
Project **NOMA PLOT P NOVATION**
Drg Title **SURFACE WATER DRAINAGE
BASEMENT LAYOUT
SHEET 1 OF 2**

Scales@A1 1:100
Drawn by RH
Checked by NP

Job No. **0047214**
Date **FEBRUARY 2021**
Rev **C04**

Drawing No. NP4-BHE-ZZ-LG-DR-C-3151

SCALE BEFORE REDUCTION