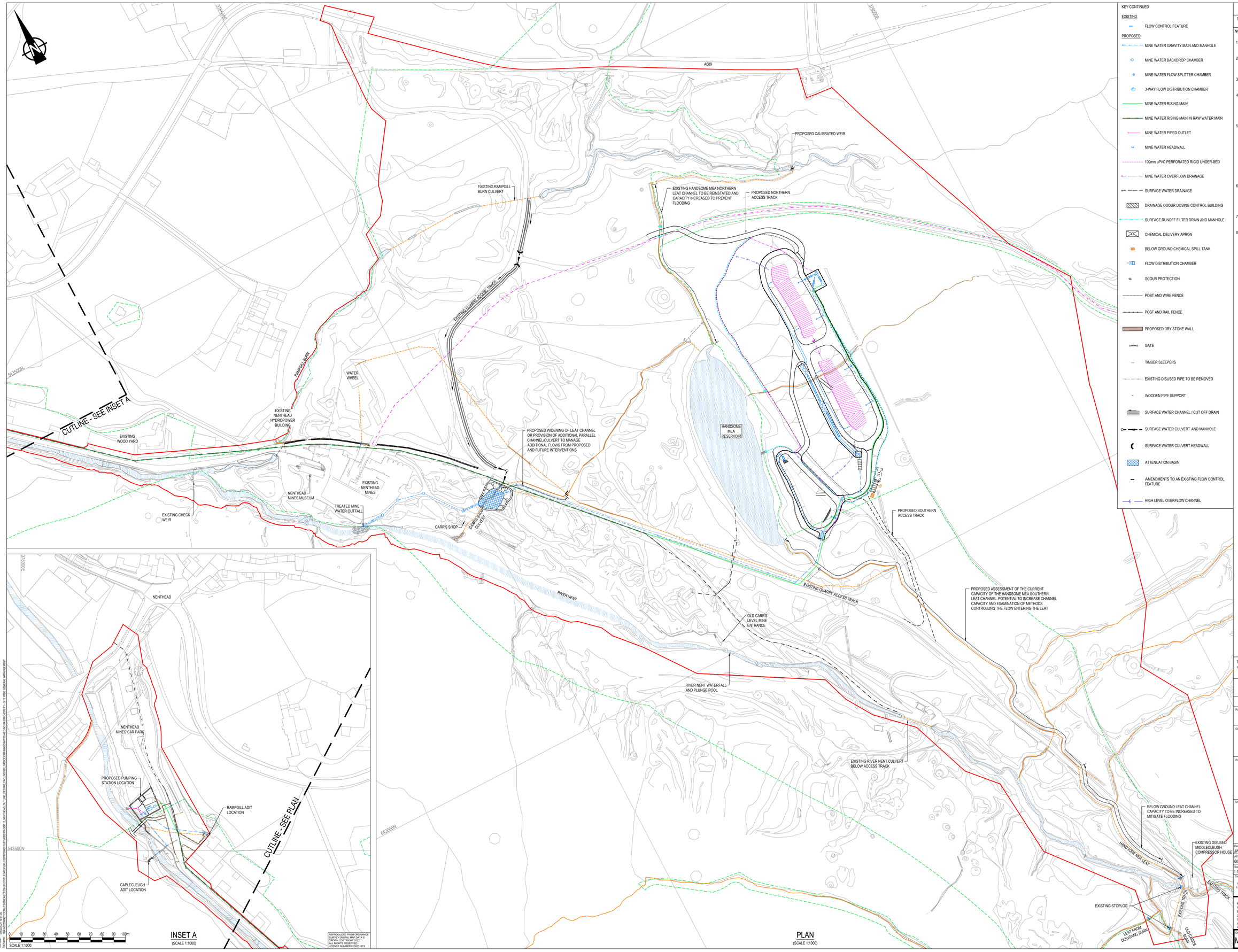

KEY CONTINUED

EXISTING

- FLOW CONTROL FEATURE

PROPOSED

- MINE WATER GRAVITY MAIN AND MANHOLE
- MINE WATER BACKDROP CHAMBER
- MINE WATER FLOW SPLITTER CHAMBER
- 3-WAY FLOW DISTRIBUTION CHAMBER
- MINE WATER RISING MAIN
- MINE WATER RISING MAIN IN RAW WATER MAIN
- MINE WATER PIPED OUTLET
- MINE WATER HEADWALL
- 100mm uPVC PERFORATED RIGID UNDER-BED
- MINE WATER OVERFLOW DRAINAGE
- SURFACE WATER DRAINAGE
- DRAINAGE ODOUR DOSING CONTROL BUILDING
- SURFACE RUNOFF FILTER DRAIN AND MANHOLE
- CHEMICAL DELIVERY APRON
- BELOW GROUND CHEMICAL SPILL TANK
- FLOW DISTRIBUTION CHAMBER
- SCOUR PROTECTION
- POST AND WIRE FENCE
- POST AND RAIL FENCE
- PROPOSED DRY STONE WALL
- GATE
- TIMBER SLEEPERS
- EXISTING DISUSED PIPE TO BE REMOVED
- WOODEN PIPE SUPPORT
- SURFACE WATER CHANNEL / CUT OFF DRAIN
- SURFACE WATER CULVERT AND MANHOLE
- SURFACE WATER CULVERT HEADWALL
- ATTENUATION BASIN
- AMENDMENTS TO AN EXISTING FLOW CONTROL FEATURE
- HIGH LEVEL OVERFLOW CHANNEL

IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT.

THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
2. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALISED DRAWINGS, DETAILS AND SPECIFICATIONS.
3. ANY DISCREPANCIES ON SITE ARE TO BE REPORTED TO THE PROJECT MANAGER IMMEDIATELY.
4. TOPOGRAPHICAL SURVEY IS BASED ON RPS DRAWINGS 'TOPOGRAPHICAL SURVEY' SHEETS 1-6 REF UAM3149 'A DATED JULY 2019 AND PMC SURVEYS LTD DRAWINGS 'RIVER NENT CATCHMENT METAL MINE REMEDIATION' REF 600/1 TO 600/3 DATED 08/10/2013.
5. EXISTING SERVICES SHOWN ARE BASED ON UTILITIES SEARCH BY CORNERSTONE PROJECTS LTD(REF. EV001/16) DATED 07/06/17, GROUND PENETRATING RADAR SURVEY PROVIDED BY ZETICA LTD (UTILITY SERVICES PLAN SHEETS 1-12 REF. PB560-19 DATED 31/10/2019), GROUND PENETRATING RADAR SURVEY PROVIDED BY CHARTER OAKS LTD (NENTHEAD MINES PERRYS DAM PIPE AND HANDSOME MEA DAM PIPE SURVEY SHEETS 1-3 REF. 032125 DATED MARCH 2021) AND A GPR AND CCTV SURVEY BY SURVEY OPERATIONS (UTILITY SURVEY OF LAND AT: MINE WATER TREATMENT SCHEME NENTHEAD REF 2ZC177 DATED SEPTEMBER 2022).
6. EXTENTS OF MINE WORKINGS SHOWN INDICATIVELY BASED ON INSET D IN THE MINING AND HYDROGEOLOGICAL CONCEPTUAL MODEL (REF. 470714488/CRIP0001) DATED FEBRUARY 2015 AND SKETCH PROVIDED BY NMCS DATED 03/05/2022.
7. SCHEDULED ANCIENT MONUMENT BASED ON HISTORICAL ENGLAND GIS DATA.
8. GROUND INVESTIGATION LOCATIONS BASED ON 'REPORT ON A GROUND INVESTIGATION AT NENTHEAD MINES PROPOSED MWTS, GL NENTHEAD' FROM SOIL ENGINEERING DATED 17/01/2019.

KEY

- RED LINE BOUNDARY

EXISTING

- SMELTING MILL FLUE
- DISUSED LEAT (SEE NOTE 5)
- DISUSED LEAT (ASSUMED ROUTE)
- POTABLE WATER MAIN (SEE NOTE 5)
- RAW WATER MAIN (SEE NOTE 5)
- RAW WATER MAIN (ASSUMED ROUTE)
- HYDROPLANT FEEDER PIPE (SEE NOTE 5)
- HYDROPLANT FEEDER PIPE (ASSUMED ROUTE)
- COMBINED SEWER (SEE NOTE 5)
- ELECTRICITY CABLE (SEE NOTE 5)
- CCVT CABLE (SEE NOTE 5)
- UNKNOWN UNDERGROUND SERVICE (SEE NOTE 5)
- FOUL WATER SEWER (SEE NOTE 5)
- SURFACE WATER SEWER (SEE NOTE 5)
- BT OVERHEAD CABLE (SEE NOTE 5)
- LOW VOLTAGE ELECTRICITY CABLE (SEE NOTE 5)
- PRIVATE WATER MAIN (SEE NOTE 5)
- UTILITY EASEMENT
- BELOW GROUND LEAT CHANNEL
- OPEN LEAT CHANNEL
- DISUSED BELOW GROUND LEAT CHANNEL
- SCHEDULED ANCIENT MONUMENT (SEE NOTE 7)
- POST AND WIRE FENCE
- DRY STONE WALL

This drawing is for preliminary purposes only and is subject to amendment during design development. UNDER NO CIRCUMSTANCES MUST THIS DRAWING BE USED FOR CONSTRUCTION PURPOSES

Revision Details	By / Check	Date	Suffix

Purpose of issue: PRELIMINARY

Client: COAL AUTHORITY

Project Title: NENTHEAD MWTS

DRAFT WORK IN PROGRESS

Drawing Title: SITE WIDE GENERAL ARRANGEMENT

Designed	Drawn	Checked	Approved	Date
JW/JB	JB			

AECOM Internal Project No.: 60656575

Suitability: -

Scale @ A0: 1:1000

Zone / Mileage: -

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Drawing Number: MWTS-AEC-NC-XX-DR-C-2070

Rev: P1

Rev Date: 10/07/2024 15:11:50
File Name: \\BA.AECOM.NET.COM\JTE\GBR\JLETCS_GN\JOCS\JOBS\PROJECT\FUTURE\PB_SB\912_NENTHEAD_OUTLINE_DESIGN_CAD_DRWG_DACKE\DRAWINGS\MWTS-AEC-NC-XX-DR-C-2070 P1 - SITE WIDE GENERAL ARRANGEMENT