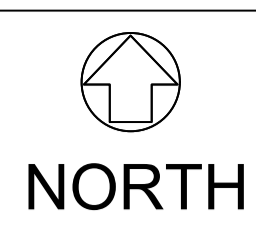
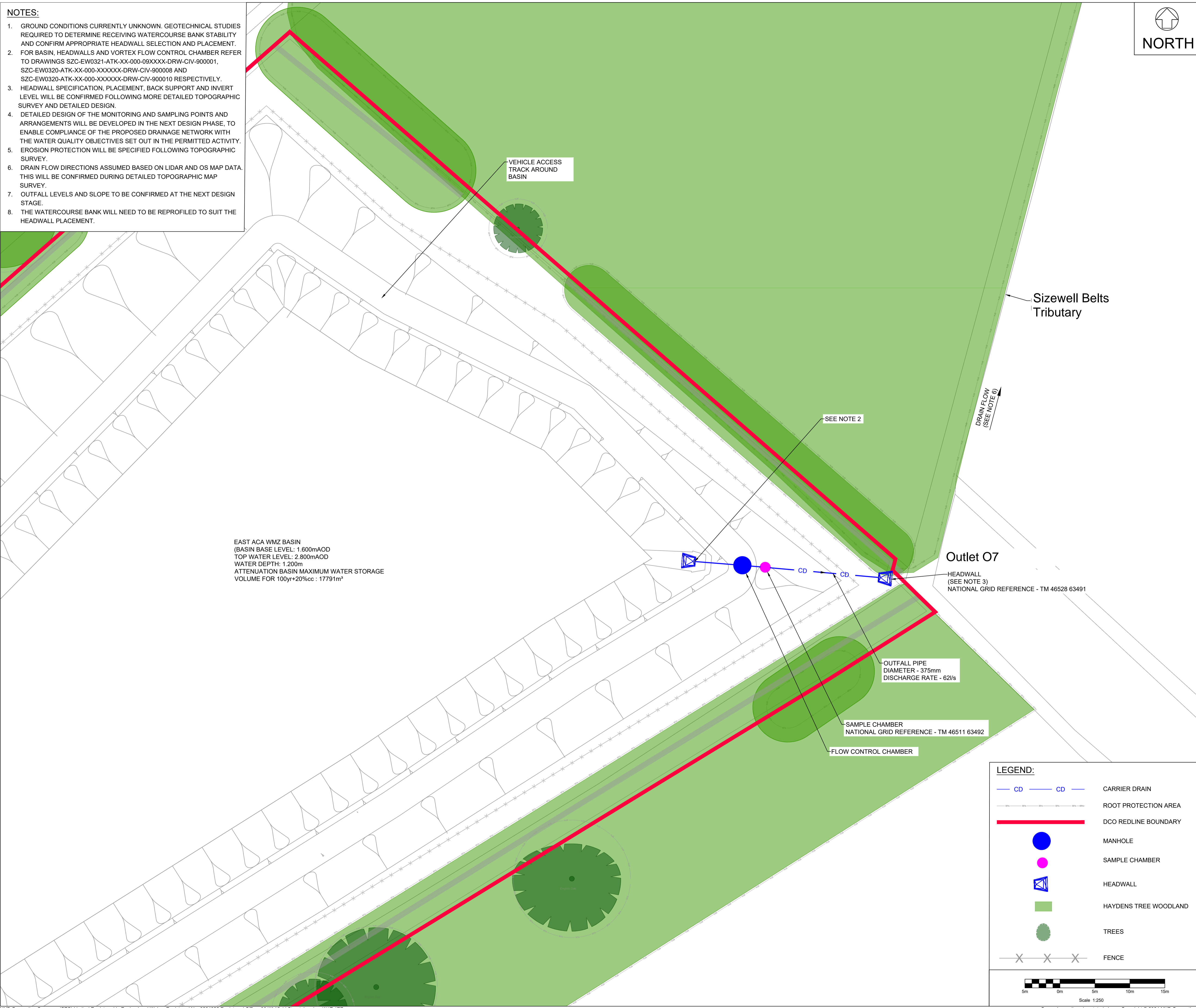


**NOTES:**

- GROUND CONDITIONS CURRENTLY UNKNOWN. GEOTECHNICAL STUDIES REQUIRED TO DETERMINE RECEIVING WATERCOURSE BANK STABILITY AND CONFIRM APPROPRIATE HEADWALL SELECTION AND PLACEMENT.
- FOR BASIN, HEADWALLS AND VORTEX FLOW CONTROL CHAMBER REFER TO DRAWINGS SZC-EW0321-ATK-XX-000-09XXXX-DRW-CIV-900001, SZC-EW0320-ATK-XX-000-XXXXXX-DRW-CIV-900008 AND SZC-EW0320-ATK-XX-000-XXXXXX-DRW-CIV-900010 RESPECTIVELY.
- HEADWALL SPECIFICATION, PLACEMENT, BACK SUPPORT AND INVERT LEVEL WILL BE CONFIRMED FOLLOWING MORE DETAILED TOPOGRAPHIC SURVEY AND DETAILED DESIGN.
- DETAILED DESIGN OF THE MONITORING AND SAMPLING POINTS AND ARRANGEMENTS WILL BE DEVELOPED IN THE NEXT DESIGN PHASE, TO ENABLE COMPLIANCE OF THE PROPOSED DRAINAGE NETWORK WITH THE WATER QUALITY OBJECTIVES SET OUT IN THE PERMITTED ACTIVITY.
- EROSION PROTECTION WILL BE SPECIFIED FOLLOWING TOPOGRAPHIC SURVEY.
- DRAIN FLOW DIRECTIONS ASSUMED BASED ON LIDAR AND OS MAP DATA. THIS WILL BE CONFIRMED DURING DETAILED TOPOGRAPHIC MAP SURVEY.
- OUTFALL LEVELS AND SLOPE TO BE CONFIRMED AT THE NEXT DESIGN STAGE.
- THE WATERCOURSE BANK WILL NEED TO BE REPROFILED TO SUIT THE HEADWALL PLACEMENT.

EAST ACA WMZ BASIN  
 (BASIN BASE LEVEL: 1.600mAOD  
 TOP WATER LEVEL: 2.800mAOD  
 WATER DEPTH: 1.200m  
 ATTENUATION BASIN MAXIMUM WATER STORAGE  
 VOLUME FOR 100yr+20%cc : 17791m<sup>3</sup>

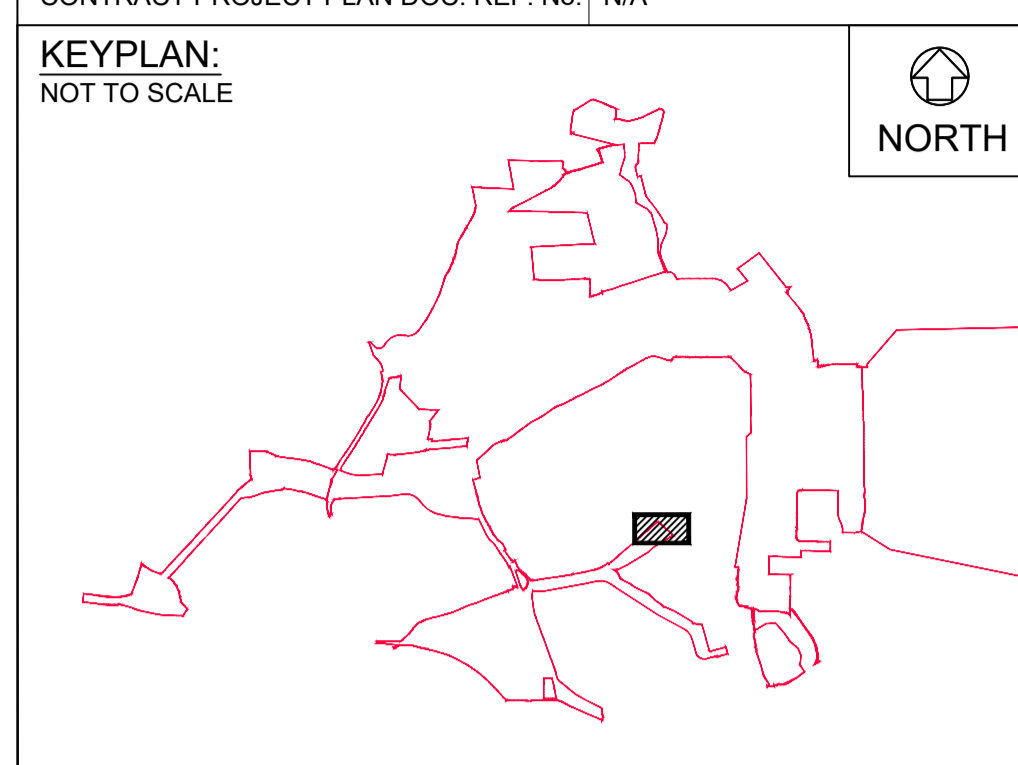


**UK PROTECTIVE MARKING:**  
 NOT PROTECTIVELY MARKED

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DRAWING GRID / COORDINATE SYSTEM:  
 SITE LOCAL GRID  NATIONAL GRID OSGB36   
 OTHER GRID  (To be defined in the contract project plan)

CONTRACT PROJECT PLAN DOC. REF. No: N/A



**SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

- CONSTRUCTION**
- \* DROWNING - WORKING CLOSE TO WATERCOURSES AND MARSHY AREAS SUBJECT TO PERIODIC FLOODING.
  - \* CONTACT WITH HAZARDOUS FLOWS (E.G. WEIL'S DISEASE).
  - \* CONTAMINATION OF THE SSSI SIZEWELL MARSHES.
  - \* WATERCOURSE BANK COLLAPSE DUE TO SLOPE INSTABILITY.
  - \* WORKING AT HEIGHT ALONGSIDE WATERCOURSE BANKS.
  - \* CONTAMINATION FROM UNTREATED CONTAMINATED SPILL (FUEL, FOUL, CONCRETE ETC).

- MAINTENANCE/CLEANING**
- \* WORKING AT HEIGHT IN THE SAMPLING POINT/CATCHPIT.
  - \* CONSTRUCTION RISKS ASSOCIATED WITH THE WATERCOURSE ARE ALSO RELEVANT DURING MAINTENANCE/ CLEANING OF THE HEADWALLS.

**DECOMMISSIONING/DEMOLITION**

\* SEE CONSTRUCTION AND MAINTENANCE NOTES ABOVE.

The above risks are listed in the Design Risk Register reference SZC-EW0000-ATK-XX-000-XXXXXX-REG-CIV-000009

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

REV.	DATE	PREPARED BY	CHECKED BY	STATUS	REASONS FOR REVISION	APPROVED BY
P01	26/02/24	S.M	CC	P4	First Revision	SF

CONTRACTOR COMPANY TRADE NAME : AtkinsRéalis

CONTRACTOR REF. No. SZC-EW0921-ATK-XX-WSO-09XXXX-DRW-CIV-900001

CONTRACT NUMBER : Early Works EWXXXX\_098\_01

CONTRACTOR WBS CODE : EW0921

QRA RELATED Yes  No

APPLICABILITY:  
 1: Document related to Unit 1  
 2: Document related to Unit 2  
 9: Document that applies to buildings/systems common to Unit 1 & 2  
 0: Documents that relate exclusively to buildings or systems that are common to the whole site (e.g. parking, ancillary buildings...)

NUCL/REP/EPR/UKX	
SZC ( doc: SZ )	
0 1 2 9	
X	

BUILDING N/A  
 SYSTEM WSO

SCALE	DESCRIPTION
1:250	Outfall O7 Plan
SIZE A1	
PAGE 1/1	

TEAMCENTER DOCUMENT REFERENCE No.  
 101165501

DOCUMENT SUB -TYPE N/A	EDF CLASSIFICATION CODE N/A
SUBCONTRACTOR COMPANY TRADE NAME N/A	SUBCONTRACTOR DOCUMENT REF. No 5213850-SNC-09-XX-DDRW-X-900001

**LEGEND:**

- CD CARRIER DRAIN
- ROOT PROTECTION AREA
- DCO REDLINE BOUNDARY
- MANHOLE
- SAMPLE CHAMBER
- HEADWALL
- HAYDENS TREE WOODLAND
- TREES
- FENCE

Scale 1:250