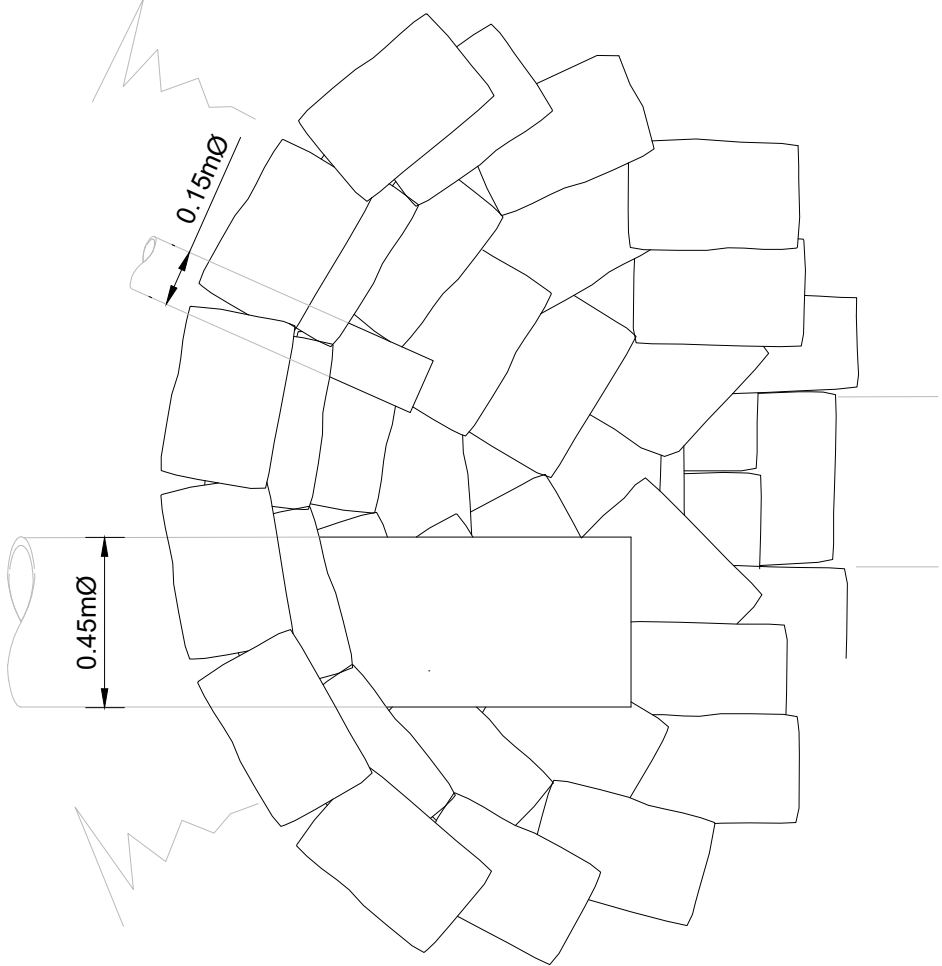
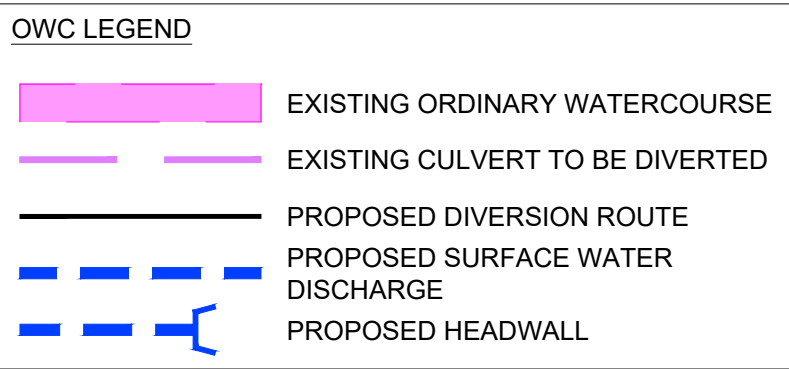
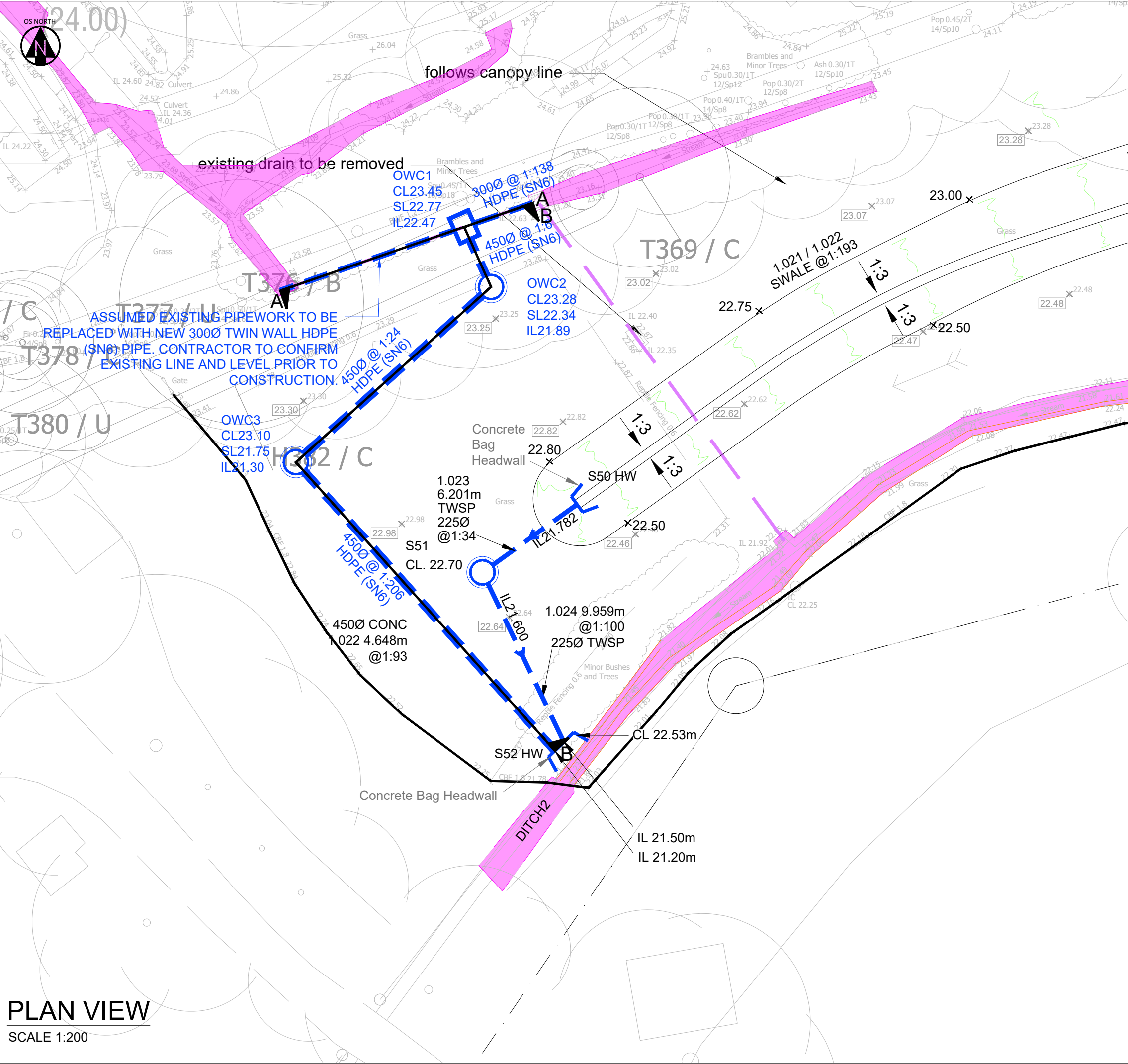
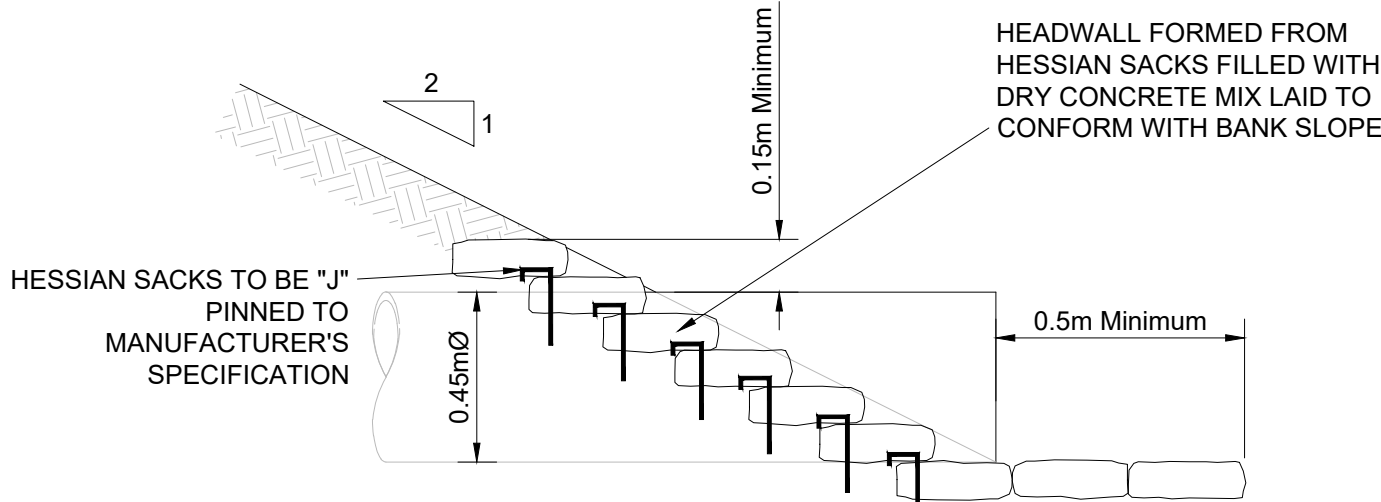
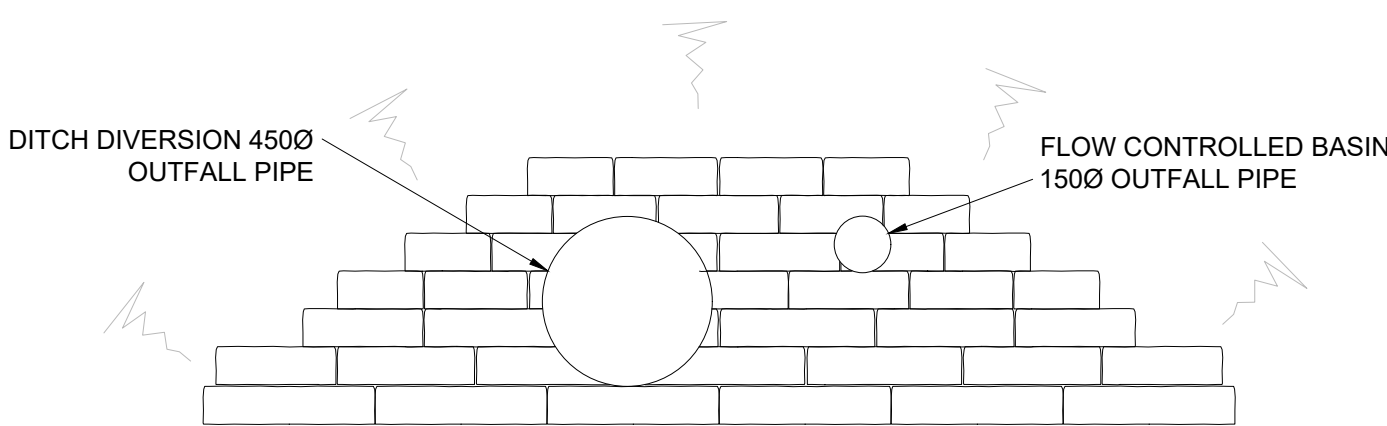




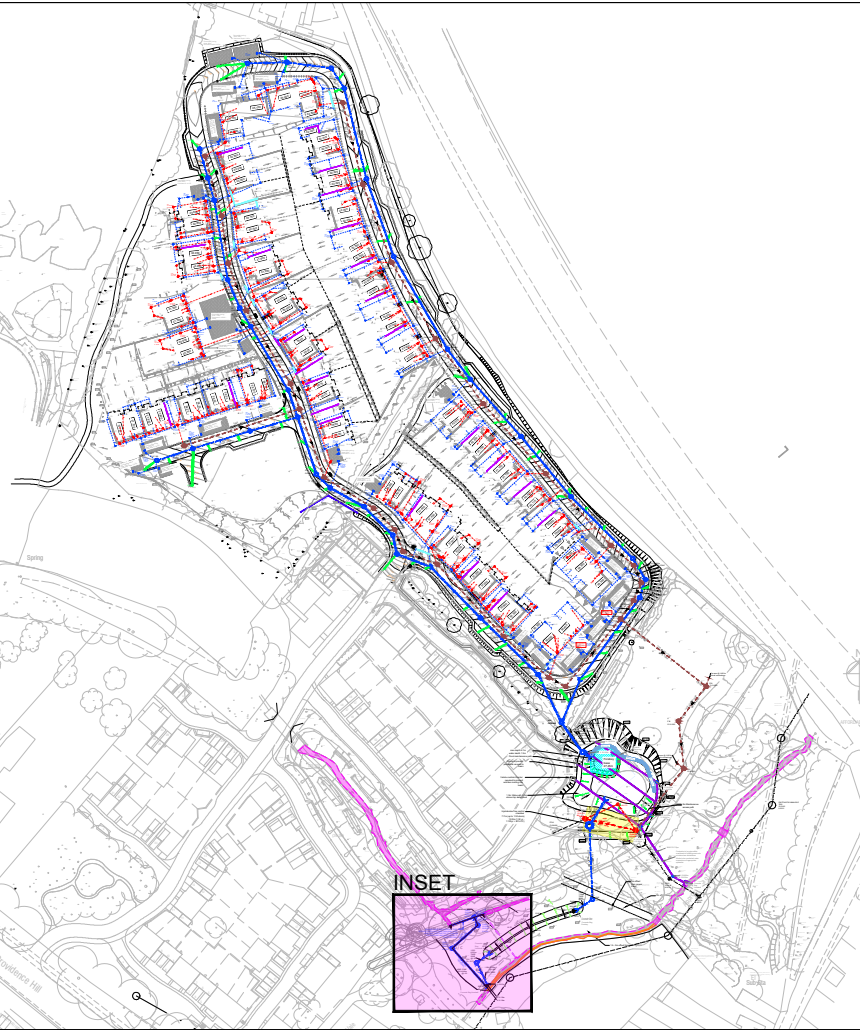
BAGWORK HEADWALL TYPICAL DETAIL
PLAN VIEW - NOT TO SCALE



BAGWORK HEADWALL TYPICAL DETAIL
SECTION VIEW - NOT TO SCALE



BAGWORK HEADWALL TYPICAL DETAIL
FRONT VIEW - NOT TO SCALE



General Drainage Notes:

1. The planning, design and construction of sewers shall be in accordance with Sewers Sector Guidance Appendix C; Design and Construction Guidance, the Civil Engineering Specification for the Water Industry 7th Edition and Independent Water Networks Limited amendments to CESWI.
2. All Adoptable sewers within adoptable highway with less than 1.2m cover to have reinforced concrete slab protection. All Adoptable sewers within grassed areas with cover less than 0.9m to have reinforced concrete slab protection. All areas with greater cover than the minimum required to have type S bed and surround.
3. Use of this drawing does not absolve the client from his responsibilities under the Health and Safety: The Construction Design and Management Regulations 2015. The Principal Designer is required to contact Hydrock Consultants prior to permitting this drawing to be used in connection with any construction works.
4. All sewers to be laid soffit to soffit unless otherwise shown.
5. All levels are to OS datum.
6. Where sewers are to be constructed inside the restricted tree root zone a suitable tree root protection barrier is to be installed to Independent Water Networks Limited's specification.
7. Designs are subject to change through detailed design.
8. Refer to Hydrock Technical Note 21627-HYD-P0-XX-TN-C-0001 for details of the drainage strategy.

WORKS WITHIN OR IN PROXIMITY TO ROOT PROTECTION ZONES ARE TO BE CONFIRMED BY ARBORICULTURALIST. ENGINEER TO BE ADVISED OF ANY AMENDMENTS REQUIRED.

HDPE (SN6) PIPEWORK PROPOSED TO LIMIT PLANT AND MANUAL HANDLING REQUIREMENTS, REDUCING IMPACTS WITHIN TREE PRESERVATION ORDER AREAS.

REVISIONS				
Rev	Date	Description	By	Ckd App
C14	20/02/25	Cellular storage removed as LLFA request. Swale added.	JAC	JRC JRC
C13	12/12/24	Southern Basin substituted for cellular storage to avoid loss of surface water flood storage. Groundwater outfall removed.	JAC	JRC JRC
C12	11/11/24	Concrete bag headwall invert levels adjusted. Reference to Southern Water amended to IWNL. Manhole types updated to SSG Appendix C.	MT	JAC JRC
C11	06/11/24	Diverted culvert moved to align with revised redline boundary. Adjacent drainage adjusted.	JAC	JAC JAC
C10	01/10/24	Issued for construction approval.	MT	JAC JAC
C09	30/09/24	Sections updated to provide greater detail, headwall revised to include groundwater discharge, additional sheet 0612 generated to include details, sheet 0610 superseded, drawing renamed.	JAC	JAC JAC
C08	04/09/24	OWC applications combined. Title updated. Headwall details and front view amended/added.	HR	JAC JAC
C07	02/09/24	Pinning added to headwall detail.	HR	JAC JAC
C06	13/08/24	Existing ditches added.	HR	- -
C05	13/08/24	Tree protection zones added.	HR	- -
C04	09/08/24	Tree protection zones and layout insert added.	HR	JAC JAC
C03	09/08/24	Drawing updated following Client comments.	HR	JAC JAC
C02	12/07/24	Diversion updated to revised routing. Details updated to suit.	HR	JAC JAC
C01	15/05/24	First Issue.	HR	JC JC

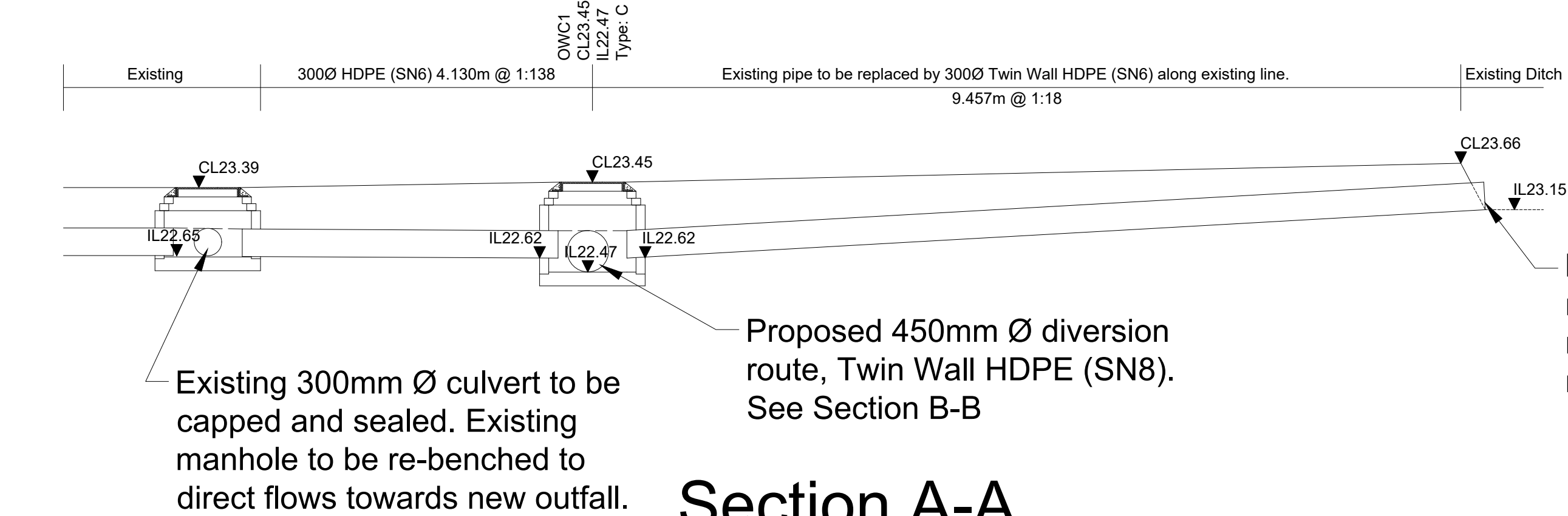
OVER COURT BARN
OVER LANE
ALMONDSBURY
BRISTOL
BS32 4DF
T: +44 (0) 1454 619533
e: bristol@hydrock.com

CLIENT
FOREMAN HOMES

PROJECT
LAND OFF MISERY LANE
PROVIDENCE HILL, BURSLEDON
SOUTHAMPTON

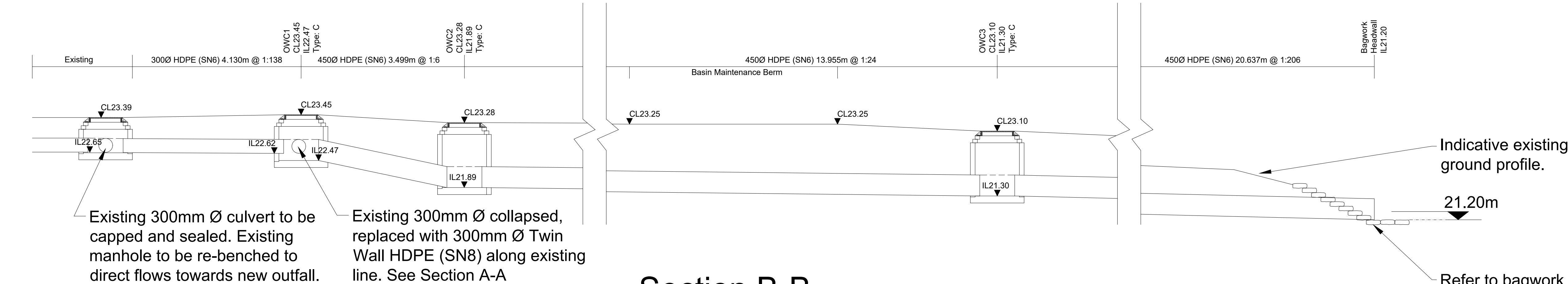
TITLE
OWC 1 OUTFALL DETAILS
SHEET 1 OF 2

HYDROCK PROJECT NO. C-21627-C	SCALE @ A1 AS SHOWN	STATUS S4
STATUS DESCRIPTION FOR APPROVAL	REVISION 21627-HYD-XX-XX-DR-C-0611	C14



Section A-A
SCALE 1:100

Existing ditch and outfall to be retained, headwall / outfall to be remediated as required upon replacement of existing pipe.



Section B-B
SCALE 1:100

Indicative existing ground profile.

Refer to bagwork headwall detail.