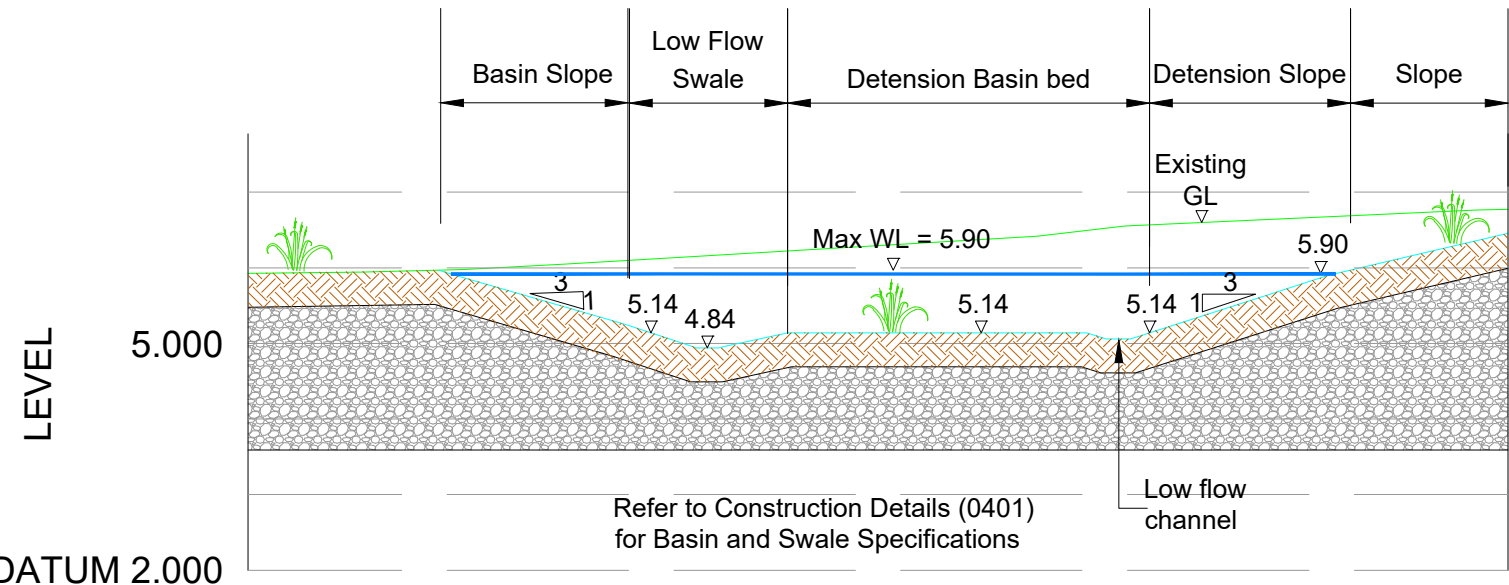


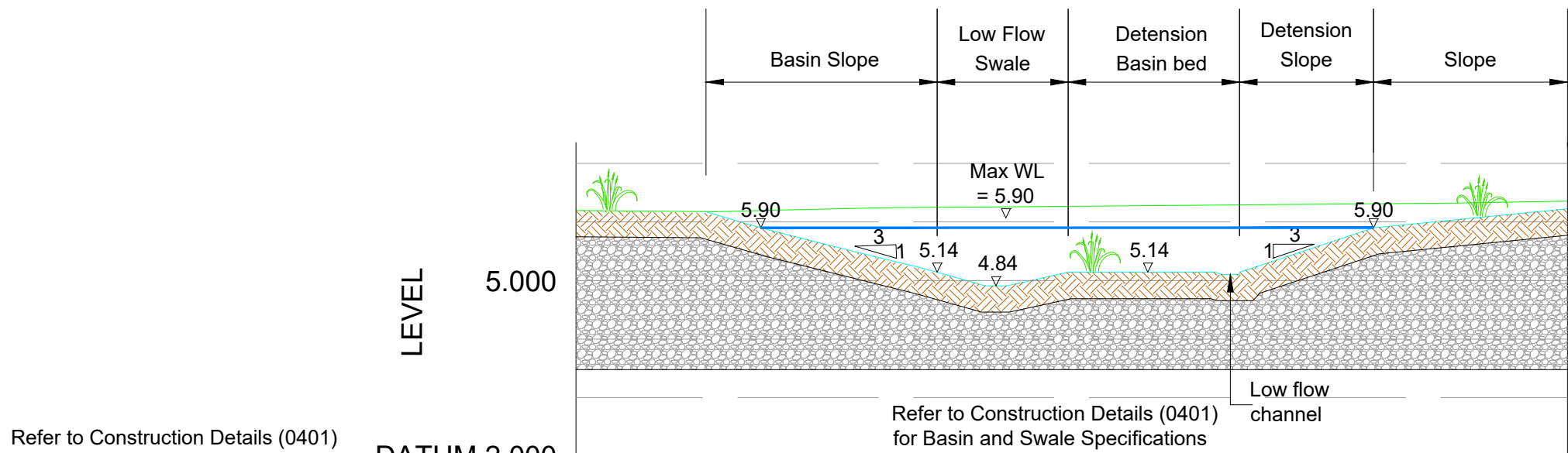
CHAINAGE	0.000	10.000	20.000	25.000	30.000	40.000	49.227	50.000	55.221
EXISTING LEVEL	6.673			6.270			6.068		6.109
PROPOSED LEVEL	5.766			5.140			6.062		

Section A - A Through Detention Basin



CHAINAGE	0.000	2.528	10.000	16.665
EXISTING LEVEL	5.927			6.774
PROPOSED LEVEL		5.969		6.455

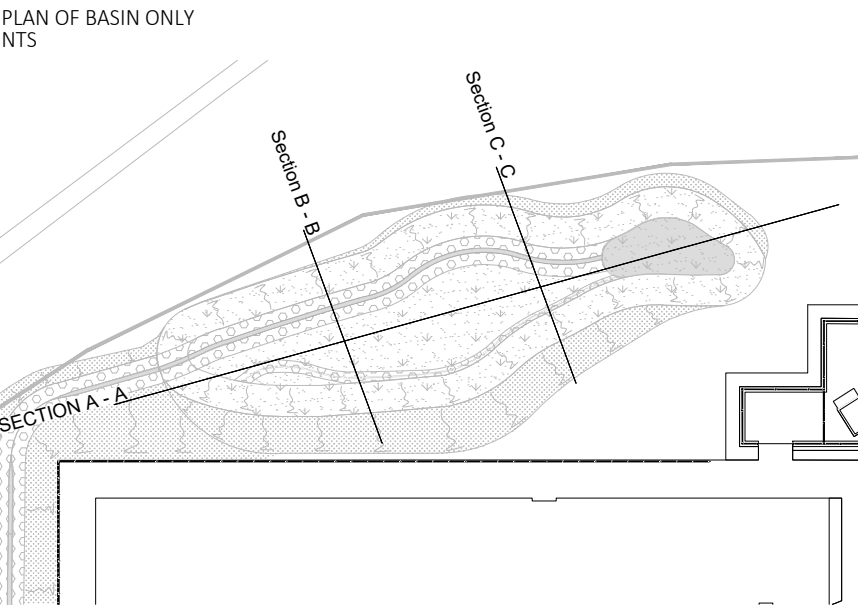
Cross-Section B - B Through Detention Basin



CHAINAGE	0.000	2.197	10.000	16.919
EXISTING LEVEL	6.198			6.355
PROPOSED LEVEL		6.178		6.226

Cross-Section C - C Through Detention Basin

- General Drainage Notes:
1. The planning, design and construction of sewers shall be in accordance with Sewers for Adoption 7th Edition, a design and construction guide for developers, the Civil Engineering Specification for the Water Industry 7th Edition and Dŵr Cymru Welsh Water's 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 private drainage to comply with current Building Regulations, BS EN-752 Drain and Sewer systems outside Buildings and other relevant British Standards and Codes of Practices.
 5. All sewers to be laid soffit to soffit unless otherwise shown.
 6. It is the Contractors responsibility to locate existing services on site accurately.
 7. The Contractor should comply with hsl(g) 47 "Avoiding Danger from Underground Services" when excavating around existing services.
 8. The Contractor is to verify the line, level and diameter of existing sewers before commencing drainage works.
 9. All levels are to OS datum.
 10. Compliance with Health & Safety matters on any trench/manhole is obligatory and a permit to enter a confined space is required when connecting site drainage to the existing public sewerage system. A permit to enter a confined space will be obtained from Dŵr Cymru Welsh Water prior to the works commencing on any public sewerage system.
 11. Proposed adoptable sewers are only permitted to have other sewer/gully connections and other services laid at an angle of between 45° and 90° across the line with a vertical clearance in excess of 300mm.
 12. Where sewers are to be constructed inside the restrict tree zone a suitable tress protection barrier is to be installed to Dŵr Cymru Welsh Water's specification.
 13. All svp and rwp positions shown are approximate only. For construction of svp's and rwp's refer to architects detailed construction drawings. Any discrepancies to be reported to the engineer prior to construction.
 14. All private pipework shown is 100mmØ unless otherwise indicated.
 15. Refer to Section 104 drawing for a full set of construction specification notes.
- Highway Notes:
1. All Works are to be constructed in accordance with Swansea Council and the Highways Agency's Specification for Highway Works (SHW) March 1998 as amended published by The Stationary Office
 2. All levels relate to the survey which is to Ordnance datum. Dimensions not to be scaled.
 3. Street lighting, illuminated traffic signs, bollards and associated works shall comply with Swansea Council 'Specification for Street Lighting'.
 4. 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 CDM Coordinator is required to contact Hydrock Consultants prior to permitting this drawing to be used in connection with any construction works.
 5. This drawing is based on the latest Architects design layout received.
 6. All works shown have been designed in accordance with Building Regs Part M.
 7. All underbuild, and retaining wall heights shown are the anticipated maximum finished height required.
 8. All step shown are to have 150mm rising and 280mm going dimensions up to a maximum of 12 steps per flight.
 9. All levels immediately adjacent to the rear access are assumed to be 150mm below finished floor level.
 10. All works shown are designed to minimize works required adjacent to existing Trees.
 11. Where external ground levels are higher than the DPC tanking will be required.



PO1	15/06/20	First Issue.	ABJ	JB	RB
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Hydrock

FIRST FLOOR, CASTLEBRIDGE 5
CASTLEBRIDGE
S-19 COWBRIDGE ROAD EAST
CARDIFF
CF11 9AB
t: +44 (0) 2920 023665
e: cardiff@hydrock.com

CLIENT
MORGAN SINDALL

PROJECT
SWANSEA BAY TECHNOLOGY CENTRE

TITLE
BASIN LONGSECTIONS

HYDROCK PROJECT NO. C-11852-C	SCALE @ A1 V1:20 H1:100	STATUS D1
STATUS DESCRIPTION COSTING	DRAWING NO. (PROJECT CODE-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER) 26X003-HYD-XX-XX-DR-C-90-0212	REVISION PO1

Notes:
All dimensions are to be checked on site before the commencement of works. Any discrepancies are to be reported to the Architect & Engineer for verification. Figured dimensions only are to be taken from this drawing. This drawing is to be read in conjunction with all relevant Engineers' and Service Engineers' drawings and specifications. This drawing is copyright.