



PROPOSED HYDROBRAKE  
Design Flow: 2.91l/s  
CL: 71.277  
IL: 70.286

DETENTION BASIN I  
Area: 473.3m<sup>2</sup>  
Depth: 0.80m  
Capacity: 294m<sup>3</sup>  
TWL: 71.275  
IL: 70.475

RIP RAP EROSION CONTROL

- GENERAL NOTES:**
- DO NOT SCALE. ALL DIMENSIONS ON DRAWINGS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE. USE FIGURED DIMENSIONS ONLY.
  - WHERE REFERENCE IS MADE TO VARIOUS TEST STANDARDS FOR MATERIALS, SUCH STANDARDS SHALL BE THE LATEST EDITION AND/OR ADDENDUM. OTHER STANDARDS MAY ONLY BE CONSIDERED FOLLOWING PRIOR APPROVAL BY THE ENGINEER.
  - ALL LEVELS ARE RELATED TO THE ORDNANCE DATUM (O.D.) - MALIN HEAD UNLESS NOTED OTHERWISE
  - THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING ALL GROUND AND SURFACE WATER WITHIN THE SITE DURING THE CONSTRUCTION WORKS. AT NO POINT SHOULD ANY CONTAMINATED WATER FROM THE SITE BE DISCHARGED TO AN EXISTING DRAIN OR SEWER.
  - ANY PROPRIETARY PRODUCTS REFERENCED ON THE DRAWINGS CAN BE SUBSTITUTED WITH EQUIVALENT ALTERNATIVES, FOLLOWING APPROVAL BY EITHER THE ENGINEER.
  - PROPRIETARY PRODUCT NAMES, MANUFACTURERS' NAMES, SUPPLIERS' NAMES, NATIONAL STANDARDS, WHERE A SPECIFICATION OR A DESCRIPTION OF A PRODUCT OR ELEMENT OF WORK INCLUDES A SPECIFIC MAKE OR SOURCE SUCH AS A PRODUCT NAME OR MANUFACTURERS NAME OR A SUPPLIERS NAME, OR A NATIONAL STANDARD, THE SPECIFICATION OR DESCRIPTION SHALL BE DEEMED TO BE ACCOMPANIED BY THE WORDS "OR EQUIVALENT" NOTWITHSTANDING THAT THOSE EXACT WORDS MAY NOT IN FACT ACCOMPANY THE NAME OR STANDARD. THIS ALSO APPLIES WHERE THE NAME OR STANDARD IS ACCOMPANIED BY OTHER WORDS SUCH AS "OR EQUAL APPROVED" OR SUCHLIKE PHRASES.

- NOTES FOR CONNECTION TO UIJCE EIREANN SERVICES**
- CONTRACTOR TO LIAISE WITH UIJCE EIREANN PRIOR TO MOBILISATION ON SITE TO DETERMINE THE DURATION OF THE APPROVAL PROCESS AND WHAT DOCUMENTATION AND FEES ARE REQUIRED BY UIJCE EIREANN AND THE LOCAL AUTHORITY AND PROGRAM THIS INTO THE CONSTRUCTION PROGRAM. CONTRACTOR TO CONFIRM EXTENT OF NOTICE REQUIRED BY UIJCE EIREANN TO INSPECT WORKS AND ALSO PROGRAM INTO THE CONSTRUCTION PROGRAM.
  - UIJCE EIREANN TO BE CONTACTED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF ANY WATERMAIN WORKS. ALL DETAILS TO BE AGREED WITH UIJCE EIREANN. UIJCE EIREANN TO BE GIVEN 40 WORKING DAYS NOTICE FOR ALL FOUL SEWER AND WATERMAIN CONNECTION WORKS.
  - EXACT LOCATION AND DEPTH OF THE EXISTING WATERMANS SHOULD BE ESTABLISHED BY THE CONTRACTOR IN ADVANCE OF THE MAIN EXCAVATION FOR THE WORKS SO AS TO AVOID THE POSSIBILITY OF DAMAGE TO THE EXISTING WATERMAIN DURING CONSTRUCTION WORKS. 3 NO. SLIT TRENCHES TO BE UNDERTAKEN TO VERIFY LOCATION.
  - THE CONTRACTOR SHALL APPLY FOR A ROAD OPENING LICENSE AND PAY THE REQUIRED ROAD OPENING LICENSE FEE FOR WORKS THAT ARE REQUIRED ON THE PUBLIC ROAD. THIS FEE IS A NON-NEGOTIABLE AND NON-REFUNDABLE FIGURE. THE CONTRACTOR SHALL BE DEEMED TO HAVE INCLUDED IN HIS TENDER PRICE FOR ALL REQUIREMENTS SUCH AS CONTRIBUTION FOR CONNECTIONS TO PUBLIC INFRASTRUCTURE, LICENSE APPLICATION, PAYMENT OF FEES, STATUTORY TIME PERIODS, TRAFFIC MANAGEMENT PLANS AND APPLICATION, REINSTATEMENT, ETC.

**LEGEND**

- SITE BOUNDARY —
- EXISTING 600mm DIA WATERMAIN —
- EXISTING COMBINED SEWER —
- EXISTING FOUL SEWER —
- EXISTING SURFACE WATER SEWER —
- PROPOSED SURFACE WATER SEWER — S1.001 150 →
- PROPOSED SURFACE WATER MANHOLE ⊙ S1-0
- PROPOSED SURFACE WATER INSPECTION CHAMBER ⊙ SIC
- PROPOSED ROAD GULLY → RG
- PROPOSED FILTER DRAIN - - - SIC
- PROPOSED BUILDING ■
- PROPOSED PERMEABLE PAVING ■
- PROPOSED TREE PIT ■
- PROPOSED BIO RETENTION AREAS ■
- PROPOSED SOAKWAY ■
- PROPOSED DETENTION BASIN ⊖
- PROPOSED FOUL SEWER - - - 225 →
- PROPOSED FOUL MANHOLE ⊙ F1-0
- PROPOSED FOUL INSPECTION CHAMBER ⊙ FIC
- EXISTING FOUL MANHOLE ⊙ EXFMH
- PROPOSED FINISH FLOOR LEVEL FFL 32.999

Antiquity  
(Site of)

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COLOUR DRAWING

**bmt radxa** **bmt radxa** **bmt radxa**

**NSAI Certified**

Rev	Amendment	By	Date	Rev	Amendment	By	Date
P01	ISSUED FOR REVIEW & COMMENT	GS	24/07/2025				
P02	ISSUED FOR S 32B MEETING	GS	26/08/2025				
P03	S 32B COMMENTS ADDED	GS	23/01/2026				
C01	ISSUED FOR PLANNING	GS	25/03/2026				

Rev	Amendment	By	Date

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Project: **POPE'S HILL RESIDENTIAL DEVELOP, POPE'S HILL, CO.CORK**  
Title: **PROPOSED DRAINAGE LAYOUT - SHEET 3**

Drawn: <b>Gerardo Souza</b>	Date drawn: <b>13/06/2025</b>	Technician Checks: <b>Liam Lonergan</b>	Engineer Checks: <b>Gerardo Souza</b>	Approved: <b>Thomas Horan</b>
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