A1

PROPOSED GRAF ECO BLOC ATTENUATION 150m² @ 1.32m DEEP. STORAGE CAPACITY =198m³. MIN COVER LEVEL=44.420m, I.L.=42.320m.

PROPOSED SILT TRAP AND CLASS 1 PETROL INTERCEPTOR; KLARGESTER NSBE015 OR SIMILAR. DESIGNED & INSTALLED IN ACCORDANCE WITH IS EN 858. INCLUDING HIGH OIL LEVEL ALARM 300mm Ø PIPEWORK IN/OUT
IL (IN)= 42.455;
IL (OUT)=42.355.

SW MH 9.0; CL 44.420; IL 42.300. HYDROBRAKE OPTIMUM OUTFLOW CONTROL LOCATED WITHIN MANHOLE.
OUTFLOW LIMITED TO 20.5l/s.
PROVIDE 400mm SUMP FOR HYDROBRAKE.

WATER/WASTEWATER INFRASTRUCTURE
ALL WASTEWATER INFRASTRUCTURE TO BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH:
- CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE, CONNECTIONS AND DEVELOPER SERVICES, DESIGN AND CONSTRUCTION REQUIREMENTS FOR SELF-LAY DEVELOPMENTS; JULY 2020 (REVISION 2); IW-CDS-5030-03
- WASTEWATER INFRASTRUCTURE STANDARD DETAILS, CONNECTIONS AND DEVELOPER SERVICES, CONSTRUCTION REQUIREMENTS FOR SELF-LAY DEVELOPMENTS; JULY 2020 (REVISION 04); IW-CDS-5020-01

ALL WATER INFRASTRUCTURE TO BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH:
- CODE OF PRACTICE FOR WATER INFRASTRUCTURE, CONNECTIONS AND DEVELOPER SERVICES, DESIGN AND CONSTRUCTION REQUIREMENTS FOR SELF-LAY DEVELOPMENTS; JULY 2020 (REVISION 2); IW-CDS-5020-03
- WATER INFRASTRUCTURE STANDARD DETAILS, CONNECTIONS AND DEVELOPER SERVICES, CONSTRUCTION REQUIREMENTS FOR SELF-LAY DEVELOPMENTS; JULY 2020 (REVISION 04); IW-CDS-5020-01

WHERE THE ABOVE DOCUMENTS ARE REVISED BY IW, THE LATEST REVISION OF THE RELEVANT DOCUMENT SHALL BE USED.

DRAINAGE NOTES (REFERENCE TGD PART H)
1. ALL WASH HAND BASINS ON THE FIRST FLOOR TO HAVE 'DEEP SEAL TRAPS'.
2. AN AIR ADMITTANCE VALVE (AAV) IS REQUIRED ON EACH BRANCH CONNECTION TO THE WC's ON THE FIRST FLOOR.
3. SOIL VENT PIPE REQUIRED AT THE HIGHEST END OF EACH CONTINUOS RUN. ANY BRANCH THAT IS GREATER THAN 10M WILL ALSO REQUIRE A SOIL VENT PIPE. THE SOIL VENT PIPE IS TO TERMINATE EXTERNALLY AT LEAST 900mm ABOVE ANY OPENING THAT IS WITHIN 3M. A CAGE OR COVER ON THE PIPE THAT DOES NOTE RESTRICT THE AIR FLOW.
4. ALL DRAINAGE PIPES TO HAVE A FULL CCTV SURVEY COMPLETED PRIOR SURFACING IS COMPLETE, AND ALL PIPES ARE TO BE AIR TESTED ALSO.

DRAINAGE NOTES (REFERENCE TGD PART H)
1. ALL GRADIENTS OF PIPES TO COMPLY WITH TGD PART H.
2 ALL PIPE WORK BEDDING TO FULLY COMPLY WITH TGD PART H

ESB INFRASTRUCTURE
ALL ESB EXISTING AND PROPOSED LINES ARE FOR INFORMATION PURPOSES ONLY AND ARE INDICATIVE ONLY. FOR DETAILS OF WORKS TO ESB LINES, OVERHEAD AND UNDERGROUND, SEE M&E CONSULTANT DRAWINGS.

LEGEND -PROPOSED SITE SERVICES-DRAINAGE

PROPOSED FOUL SEWER PIPES 150-225mm Ø UPVC TO COMPLY WITH IW WASTEWATER CODE OF PRACTICE	
EXISTING WASTE WATER SEWER, SIZE T.B.C.	
PROPOSED SURFACE WATER PIPELINE 150-375mm Ø uPVC	
PROPOSED PERFORATED SURFACE WATER PIPELINE. 100mmØ	
PROPOSED 1200mm Ø Manholes: FOUL (RED) SURFACE WATER (GREEN)	
EXISTING MANHOLES - LOCATION & SIZE T.B.C.: FOUL (PURPLE)	
ARMSTRONG JUNCTION BOX: FOUL (RED) & SURFACE (GREEN)	
FOUL INSPECTION CHAMBER	
PROPOSED ROAD GULLY TO BE HEAVY DUTY, SUITABLE FOR HGV LOADING (D400).	
PERMEABLE PAVING; VOIDED STONE BELOW PAVERS; 500mm DEEP; 30% VOIDS).	
PERMAVOID RAINWATER DIFFUSER UNIT; 354mm x 708mm.	
SITE BOUNDARY	
PROPOSED ATTENUATION TANK	

DRAWING NOTES:
1. This Drawing is to be read in conjunction with the relevant Specifications & other Architectural & Engineering Drawings. Engineers to be informed immediately of any discrepancies before work proceeds.
2. Do Not Scale from this Drawing; -Metric Figured Dimension only are to be used.
3. It Is "The Contractors" responsibility to ensure that all works are carried out in accordance with the requirements of the current Building Regulations and all other statutory documents relevant to this project including the grant of planning permission, Fire Safety Certificate and Disability Access Certificate.
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SITE LAYOUT- SERVICES: WASTEWATER & SURFACE WATER: PART PLAN: SERVICES OUTSIDE THE SITE

SCALE = 1:750

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REV.	DATE:	BY:	DESCRIPTION:
PL2	05.12.2025	AS	ISSUED FOR REVIEW
PL1	27.11.2025	AS	ISSUED FOR REVIEW

Client: WESTMEATH COUNTY COUNCIL

Project Title: CONSTRUCTION OF RESIDENTIAL UNITS AT CORNAMADDY, ATHLONE, CO.WESTMEATH

Drawing Title: SITE LAYOUT- SERVICES: WASTEWATER & SURFACE WATER: PART PLAN 2

Scale:	Paper Size:	Status:
1:250	A1	PLANNING
Drawn by:	Date:	Checked:
AS	NOVEMBER 2025	CD

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Project No.: 23188-3026 Revision: PL2