



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-5030-01
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 W.C.'S ON THE FIRST FLOOR.
3. SOIL VENT PIPE REQUIRED AT THE HIGHEST END OF EACH CONTINUOUS 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 NOT RESTRICT THE AIR FLOW.
4. ALL DRAINAGE PIPES TO HAVE A FULL CCTV SURVEY COMPLETED PRIOR TO 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) FOUL (PURPLE) | |
| 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 | |

(FUTURE CON
FIRE HYDRANT
TEMPORARY FLUSH OUT

SITE LAYOUT- SERVICES: WASTEWATER & SURFACE WATER

SCALE = 1:250
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| 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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| REV. | DATE: | BY: | DESCRIPTION: |
| PL2 | 05.12.2025 | AS | ISSUED FOR REVIEW |
| PL1 | 27.11.2025 | AS | ISSUED FOR REVIEW |

WESTMEATH COUNTY COUNCIL

CONSTRUCTION OF RESIDENTIAL UNITS AT CORNAMADDY, ATHLONE, CO.WESTMEATH

SITE LAYOUT- SERVICES: WASTEWATER & SURFACE WATER: PART PLAN 5

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