



GENERAL NOTES:

1. ALL DIMENSIONS AND LEVELS TO BE VERIFIED ON SITE PRIOR TO COMMENCEMENT OF THE WORKS. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT ARCHITECT'S AND OTHER ENGINEERING DRAWINGS.

DRAINAGE LAYOUT LEGEND

- PROPOSED 225mm ϕ uPVC STORM SEWER & 1200mm ϕ MH
- PROPOSED 225mm ϕ uPVC FOUL SEWER & 1200mm ϕ MH
- EXISTING STORM SEWER
- EXISTING 150mm ϕ FOUL SEWER & MH
- EXISTING 600mm ϕ FOUL SEWER & MH
- SEWER TO BE GRUBBED UP / DECOMMISSIONED
- PROPOSED LINEAR DRAINAGE CHANNEL
- G PROPOSED ROAD GULLY
- DG PROPOSED DOUBLE ROAD GULLY
- IRISH WATER WAYLEAVE REQUIREMENT
- PROPOSED ATTENUATION CELLULAR STORAGE

DRAINAGE NOTES:

1. ALL FOUL DRAINAGE INFRASTRUCTURE TO BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATERS REQUIREMENTS AND THEIR CONSTRUCTION DETAIL IW-CDS-5030-03 JULY 2020.
2. ALL DRAINAGE WORK TO BE CARRIED OUT IN ACCORDANCE WITH 'WESTMEATH COUNTY DEVELOPMENT PLAN 2016 - 2022', 'CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY 6TH EDITION' AND 'GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS'.
3. ALL DRAINAGE CONNECTIONS FROM BUILDINGS TO CONFIRM TO THE BUILDING REGULATIONS 2010, PART H.
4. CLASS E BEDDING TO ALL PIPES WITH COVER GREATER THAN 1.2m UNDER ROAD AND 0.9m UNDER OTHER AREAS.
5. THERMOPLASTIC STRUCTURED WALL PIPES SHALL COMPLY WITH THE PROVISIONS OF IS EN 13476 (2007 / 2009) AND WITH WIS 4-35-01 (2000). PIPES TO BE STIFFNESS CLASS (SN8) 8kN/m² AND TO BE CAPABLE OF DEMONSTRATING A JETTING RESISTANCE OF 2600PSI (180 BAR) WITHOUT DAMAGE IN ACCORDANCE WITH SECTION 3.13.3 OF IW-CDS-5030. (PIPE DIAMETERS 150mm UP TO 450mm)
6. CONCRETE BED AND SURROUND TO PIPES WITH COVER LESS THAN 1.2m UNDER ROADS AND 0.9m UNDER OTHER AREAS.
7. STEP RUNG LADDERS ARE REQUIRED IN MAHOLES WHERE THE DEPTH FROM GROUND TO SOFFIT OF THE PIPE IS UP TO 3.0m. FIXED LADDERS ARE REQUIRED IN MAHOLES WHERE THE DEPTH FROM GROUND TO SOFFIT EXCEEDS 3.0m AND UP TO 6.0m.
8. ALL ABANDONED PIPE RUNS AND MAHOLES TO BE BROKEN OUT AND BACKFILLED WITH 15/20N LEAN MIX CONCRETE.
9. ALL ROAD GULLIES AND MANHOLE COVERS TO BE TO EN 124 D400 IN ROADS AND B125 IN ALL OTHER PAVED AREAS, FOOTWAYS AND LANDSCAPED AREAS.

| REV | DATE | DESCRIPTION | BY | APP |
|-----|----------|--|----|-----|
| E | 04.04.22 | UPDATED WITH LATEST SITE LAYOUT | PM | MK |
| D | 08.09.21 | UPDATED AFTER IRISH WATERS PRE-CONNECTION ENQUIRY RESPONSE | PM | MK |
| C | 16.08.21 | UPDATED WITH LATEST SITE LAYOUT | WD | MK |
| B | 26.07.21 | UPDATED WITH LATEST SITE LAYOUT | PM | MK |
| A | 20.07.21 | UPDATED AFTER GPR SURVEY REVIEW | PM | MK |

DRAWING STATUS:

PART_8

CLIENT: WESTMEATH COUNTY COUNCIL

JOB DESCRIPTION: PROPOSED 17No. APARTMENT UNITS, DALTON PARK, MULLINGAR, CO. WESTMEATH

DRAWING TITLE: INDICATIVE DRAINAGE LAYOUT

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| PROJECT No.: | DRAWING No.: |
| P-3457 | C-202 |
| REV. No.: | |
| E | |

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| SCALE: | SHEET: | DATE: |
| 1:200 | A1 | 19.05.21 |
| DRAWN BY: | CHECKED BY: | APPROVED BY: |
| PMCG | MK | PMCM |

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INDICATIVE DRAINAGE LAYOUT
SCALE 1:200