



#### 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 uPVC 225MM STORM SEWER & 1200mm Ø MH
- PROPOSED uPVC 225MM FOUL SEWER & 1200mm Ø MH
- EXISTING FOUL SEWER
- EXISTING GAS
- EXISTING STORM SEWER PIPES
- EXISTING WATERMAIN
- EXISTING UNIDENTIFIED SERVICE
- FOUL SEWER DEMARCATION INSPECTION CHAMBER
- STORM SEWER INSPECTION CHAMBER
- PROPOSED ROAD GULLY INLET
- PROPOSED 100mm Ø LAND DRAIN WITH RODDING EYE / INSPECTION CHAMBER
- PROPOSED LINEAR CHANNEL DRAIN
- STORM SEWER ATTENUATION TANK

#### 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 "SOUTH DUBLIN COUNTY DEVELOPMENT PLAN", "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. LADDERS ARE REQUIRED IN MANHOLES WHERE THE DEPTH FROM COVER LEVEL EXCEEDS 3.0M
8. ALL ABANDONED PIPE RUNS AND MANHOLES 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.
10. ALL MANHOLE / INSPECTION CHAMBER COVERS IN PAVED AREAS ARE TO HAVE RECESSED MANHOLE COVERS
11. CONTRACTOR RESPONSIBLE FOR ANY ROAD / FOOTPATH OPENING LICENCES REQUIRED AND TO LIAISE WITH COUNTY COUNCIL AREA ENGINEER
12. MANHOLE COVERS IN LANDSCAPE AREAS TO BE PROVIDED WITH A 200MM WIDE BY 100MM DEEP C20/25 CONCRETE PLINTH.

REV	DATE	DESCRIPTION	BY	APPV
C	05.06.25	COMMENT & DRAWING STATUS UPDATE	SMC	PMG
B	15.05.25	STORM OUTLET TO EXISTING DITCH	SMC	PMG
A	05.03.25	MINOR CHANGES	WD	MK

DRAWING STATUS: <b>PART_8_PLANNING</b>	
CLIENT: <b>WICKLOW COUNTY COUNCIL</b>	
ARCHITECT: <b>WICKLOW COUNTY COUNCIL</b>	
JOB DESCRIPTION: <b>20NO. UNIT HOUSING DEVELOPMENT, BARNDARRIG, CO. WICKLOW</b>	
DRAWING TITLE: <b>INDICATIVE DRAINAGE LAYOUT</b>	
PROJECT No.: <b>P-3859</b>	DRAWING No.: <b>C-02</b>
SCALE: 1:500	REV. No.: <b>C</b>
SHEET: A1	DATE: 28.02.25
DRAWN BY: SMC	CHECKED BY: PMG
APPROVED BY: MK	
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