

**NOTES**

"It is the Contractors responsibility to ensure that all works are constructed in accordance with the Irish Water Code of Practice and Standard Details. The Code of Practice and Standard Details are available to download from the Irish Water web site at [www.water.ie/connections/developer-services/](http://www.water.ie/connections/developer-services/) Where the details contained on this drawing differ from the Irish Water Code of Practice or Standard Details this must be brought to the attention of the engineer immediately. Irish Water standards will take precedence"

- NOTES:
- DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
  - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS.

**LEGEND:**

- EXISTING FOUL SEWER WITH PIPE SIZE, MANHOLE REF. AND INVERT LEVEL.
- EXISTING SURFACE WATER SEWER WITH PIPE SIZE, MANHOLE REF. AND INVERT LEVEL.
- PROPOSED uPVC SWS FOUL WATER SEWER WITH PIPE SIZE, GRADE, MANHOLE REF. AND INVERT LEVEL. 500mm RING OFFSET INDICATED.
- PROPOSED SURFACE WATER SEWER WITH PIPE SIZE, GRADE, MANHOLE REF. AND INVERT LEVEL.
- PROPOSED PERFORATED PIPE.
- PROPOSED GULLY AND CONNECTION.
- PROPOSED PERMEABLE PAVED PARKING BAY.
- EXISTING TREE TO BE RETAINED WITH ROOT PROTECTION ZONE INDICATED.
- EXTENT OF STORMWATER ATTENUATION STORAGE.

NOTE:

ALL PROPOSED PUBLIC STORM WATER DRAINAGE WORKS TO BE IN ACCORDANCE WITH DUN LAOGHAIRE RATHDOWN REQUIREMENTS FOR TAKING IN CHARGE AND IN ACCORDANCE WITH THE GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS.

ALL PROPOSED PUBLIC FOUL WATER DRAINAGE WORKS TO BE IN ACCORDANCE WITH IRISH WATER REQUIREMENTS.

ALL PRIVATE DRAINAGE WORKS SHALL BE IN ACCORDANCE WITH THE BUILDING REGULATIONS PART H.

ALL COVER LEVELS ARE INDICATIVE ONLY AND SHOULD BE SET TO SUIT THE FINISHED ROAD OR PAVED LEVEL.

WHERE COVER TO FOUL SEWER IS LESS THAN 1.2m CONCRETE SURROUND TO BE PROVIDED IN ACCORDANCE WITH IRISH WATER STANDARDS SEE SECTION 3.9 OF COP

BASEMENTS TO DRAIN VIA GRAVITY TO FOUL NETWORK. NO PUMPING REQUIRED. NO STORMWATER CONNECTION TO FOUL PROPOSED.

MANHOLE COVERS LOCATED IN SOFT LANDSCAPED/GRASS AREAS ARE TO BE SURROUNDED BY A CONCRETE PLINTH, 200MM ALL ROUND AND 100MM DEEP FORMED WITH C20/25 CONCRETE, 20MM AGGREGATE SIZE, BEDDED IN CLAUSE 804 MATERIAL.

TREE PITS TO BE SUPPLIED WITH LOW LEVEL OVERFLOW TO PREVENT ROOT SUFFOCATION.

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A	01/10/21	REVISED TO IRISH WATER COMMENTS	NS	RM
REV. DATE		AMENDMENT	DRN	APPD

STATUS: **PLANNING**

**Waterman Moylan**  
 Engineering Consultants

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CLIENT: **KNOCKRABO INVESTMENTS DAC**

ARCHITECT: **OMP ARCHITECTS**

PROJECT: **PHASE 2 RESIDENTIAL DEVELOPMENT AT KNOCKRABO, Mt. ANVILLE Rd. DUBLIN 14**

TITLE: **DRAINAGE LAYOUT SHEET 2 OF 2**

DRAWN	DESIGNED	APPROVED	DATE
NS	RM	MD	FEB 2021
SCALE	JOB NO.	DRG. NO.	REVISION
1:250 @ A1	20-086	P122	A

