



21.7
Annacotty Roundabout

SITE AREA OUTLINED IN RED:
2.574 HA
6.36 ACRE

Legend

- SITE BOUNDARY —
- PROPOSED WASTEWATER SEWER —
- PROPOSED STORM WATER SEWER —
- PROPOSED MANHOLE F1.0 ■
- PROPOSED INSPECTION CHAMBER & WASTEWATER SERVICE CONNECTION —
- PROPOSED STORM WATER SERVICE CONNECTION —
- ROAD GULLY ■
- PROPOSED HYDRO-BRAKE ●
- PERMEABLE PAVING
- TREE PIT
- PROPOSED SURFACE WATER ACCESS JUNCTION / INSPECTION CHAMBER ■
- PROPOSED 150mm PERFORATED SURFACE WATER PIPE SURROUNDED IN FILTER STONE —

STANDARD DETAILS AS PER IRISH WATER

WASTE WATER INFRASTRUCTURE STANDARD DETAILS DRAWING REGISTER

Drawing No.	Drawing Title	Rev
STD-WW-01	Waste water service connection responsibility	1
STD-WW-02	Typical layout for sewer within new developments	1
STD-WW-03	Drain & service connection pipework	1
STD-WW-04	Typical sewer / service pipe connection	1
STD-WW-05	Typical service layout indicating separation distances	1
STD-WW-06	Restrictions on wastewater infrastructure adjacent to trees	2
STD-WW-06A	Restrictions on new trees/shrubs planting adjacent to sewers	0
STD-WW-07	Trench backfill & bedding	1
STD-WW-08	Concrete bed, haunch & surround to wastewater pipes	0
STD-WW-09	Blockwork manhole (<450mm dia.)	2
STD-WW-10	Pre-cast concrete manhole	2
STD-WW-11	In-situ concrete manhole	2
STD-WW-12	Backdrop manholes	2
STD-WW-13	Private side inspection chamber	2
STD-WW-14	Thrust blocks for rising mains	1
STD-WW-15	Scour valve chamber (foul rising main <200mm dia.)	2
STD-WW-16	Sluice valve details for rising mains ductile iron (D.I.) pipe (<200mm dia.) (sheet 1 of 2)	3
STD-WW-17	Sluice valve details for rising mains polyethylene (P.E.) pipe (<200mm dia.) (sheet 2 of 2)	2
STD-WW-18	Air valve chamber (foul rising main <200mm dia.)	2
STD-WW-19	Duct chamber	2
STD-WW-20	Emergency overflow structure	1
STD-WW-21	Typical ditch/stream crossing for gravity main (sheet 1 of 2)	1
STD-WW-22	Typical ditch/stream crossing for rising main (sheet 2 of 2)	1
STD-WW-23	Typical bridge crossing for rising main (sheet 1 of 2)	1
STD-WW-24	Typical bridge crossing for rising main (sheet 2 of 2)	1
STD-WW-25	Security gate & fencing	2
STD-WW-26	Indicative pumping station layout	0
STD-WW-27	Flow meter chamber (foul rising main <200mm dia.)	2
STD-WW-28	Indicative submersible pumping station	2
STD-WW-28A	Indicative pre-cast concrete submersible pumping station	1
STD-WW-29	Rising main discharge manhole	2
STD-WW-30	Kiosk type 1 pumping station & wet kiosk (sheet 1 of 2)	2
STD-WW-31	Kiosk type 2 + 3 pumping station & wet kiosk (sheet 2 of 2)	2
STD-WW-32	Hardstanding area pumping station (permeable & impermeable)	1
STD-WW-33	Lamp bollard & lamp standard	1
STD-WW-34	Vent stack	1

NOTES:
THIS DRAWING AND ANY DESIGN HEREON IS THE COPYRIGHT OF THE BDB CONSULTING LTD. AND MUST NOT BE REPRODUCED WITHOUT THEIR WRITTEN CONSENT.
FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING. ALL DIMENSIONS TO BE CHECKED ON SITE.
BDB CONSULTING LTD. TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.
THIS DRAWING IS FOR PLANNING PURPOSES ONLY.

NOTES:
PIPE MATERIALS SHALL COMPLY WITH SECTION 3.9 OF THE CODE OF PRACTICE
ALL WATER AND WASTE WATER INFRASTRUCTURE TO BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD DETAILS AND CODES OF PRACTICE.
MANHOLES DESIGNED TO IRISH WATER STANDARD DETAILS AND CODES OF PRACTICE.

Revision Description:	Rev.	By:	Date:
Revised foul sewer	PL1	MB	04-11-2019
Revised layout	PL2	MB	09-01-2020

19-049

30 O'Connell Street, Limerick.
(t) +353 61 468860
(e) info@bdb.ie

TITLE: SEWER LAYOUT

CLIENT: REGAL PARK DEV. LTD. PROJECT: ANNACOTTY

Date: 16 SEP 2019 Drawn By: MB Checked By: POB

Scale: 1:500 19-049-003