



SCALE BAR 1:500

Legend

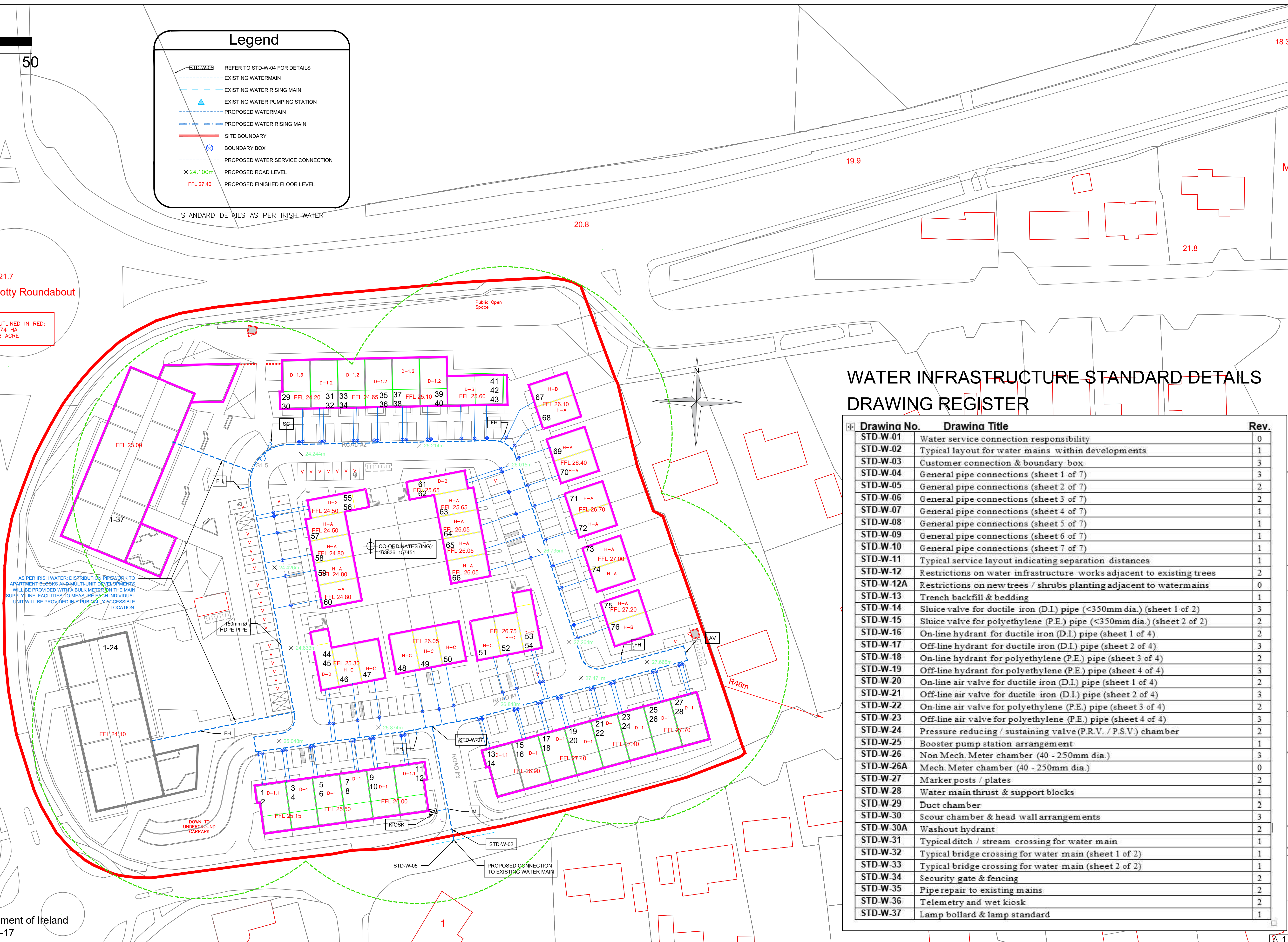
- REFER TO STD-W-04 FOR DETAILS
- EXISTING WATERMAIN
- EXISTING WATER RISING MAIN
- EXISTING WATER PUMPING STATION
- PROPOSED WATERMAIN
- PROPOSED WATER RISING MAIN
- SITE BOUNDARY
- BOUNDARY BOX
- PROPOSED WATER SERVICE CONNECTION
- X 24.100m PROPOSED ROAD LEVEL
- FFL 27.40 PROPOSED FINISHED FLOOR LEVEL

STANDARD DETAILS AS PER IRISH WATER

21.7
Annacotty Roundabout

SITE AREA OUTLINED IN RED:
2.574 HA
6.36 ACRE

AS PER IRISH WATER, DISTRIBUTION PIPEWORK TO APARTMENT BLOCKS AND MULTI-UNIT DEVELOPMENTS WILL BE PROVIDED WITH A BULK METER ON THE MAIN SUPPLY LINE. FACILITIES TO MEASURE EACH INDIVIDUAL UNIT WILL BE PROVIDED IN A PUBLICLY ACCESSIBLE LOCATION.



WATER INFRASTRUCTURE STANDARD DETAILS DRAWING REGISTER

Drawing No.	Drawing Title	Rev.
STD-W-01	Water service connection responsibility	0
STD-W-02	Typical layout for water mains within developments	1
STD-W-03	Customer connection & boundary box	3
STD-W-04	General pipe connections (sheet 1 of 7)	3
STD-W-05	General pipe connections (sheet 2 of 7)	2
STD-W-06	General pipe connections (sheet 3 of 7)	2
STD-W-07	General pipe connections (sheet 4 of 7)	1
STD-W-08	General pipe connections (sheet 5 of 7)	1
STD-W-09	General pipe connections (sheet 6 of 7)	1
STD-W-10	General pipe connections (sheet 7 of 7)	1
STD-W-11	Typical service layout indicating separation distances	1
STD-W-12	Restrictions on water infrastructure works adjacent to existing trees	2
STD-W-12A	Restrictions on new trees / shrubs planting adjacent to watermains	0
STD-W-13	Trench backfill & bedding	1
STD-W-14	Sluice valve for ductile iron (D.I.) pipe (<350mm dia.) (sheet 1 of 2)	3
STD-W-15	Sluice valve for polyethylene (P.E.) pipe (<350mm dia.) (sheet 2 of 2)	2
STD-W-16	On-line hydrant for ductile iron (D.I.) pipe (sheet 1 of 4)	2
STD-W-17	Off-line hydrant for ductile iron (D.I.) pipe (sheet 2 of 4)	3
STD-W-18	On-line hydrant for polyethylene (P.E.) pipe (sheet 3 of 4)	2
STD-W-19	Off-line hydrant for polyethylene (P.E.) pipe (sheet 4 of 4)	3
STD-W-20	On-line air valve for ductile iron (D.I.) pipe (sheet 1 of 4)	2
STD-W-21	Off-line air valve for ductile iron (D.I.) pipe (sheet 2 of 4)	3
STD-W-22	On-line air valve for polyethylene (P.E.) pipe (sheet 3 of 4)	2
STD-W-23	Off-line air valve for polyethylene (P.E.) pipe (sheet 4 of 4)	3
STD-W-24	Pressure reducing / sustaining valve (P.R.V. / P.S.V.) chamber	2
STD-W-25	Booster pump station arrangement	1
STD-W-26	Non Mech. Meter chamber (40 - 250mm dia.)	3
STD-W-26A	Mech. Meter chamber (40 - 250mm dia.)	0
STD-W-27	Marker posts / plates	2
STD-W-28	Water main thrust & support blocks	1
STD-W-29	Duct chamber	2
STD-W-30	Scour chamber & head wall arrangements	3
STD-W-30A	Washout hydrant	2
STD-W-31	Typical ditch / stream crossing for water main	1
STD-W-32	Typical bridge crossing for water main (sheet 1 of 2)	1
STD-W-33	Typical bridge crossing for water main (sheet 2 of 2)	1
STD-W-34	Security gate & fencing	2
STD-W-35	Pipe repair to existing mains	2
STD-W-36	Telemetry and wet kiosk	2
STD-W-37	Lamp bollard & lamp standard	1

© Ordnance Survey Ireland/Government of Ireland
Scale 1:1000 Map Sheets: 4682-17

NOTES:
THIS DRAWING AND ANY REVISION 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.

Revision Description:	Rev.	By:	Date:
Revised fire hydrants location	PL1	MB	04-11-2019
Revised layout	PL2	MB	27-02-2020

19-049 BDB Consulting

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

TITLE: WATER MAIN LAYOUT

CLIENT: REGAL PARK DEV. LTD. PROJECT: ANNACOTTY

Date: 17 SEP 2019 Drawn By: MB Checked By: POB

Scale: 1:500 19-049-006