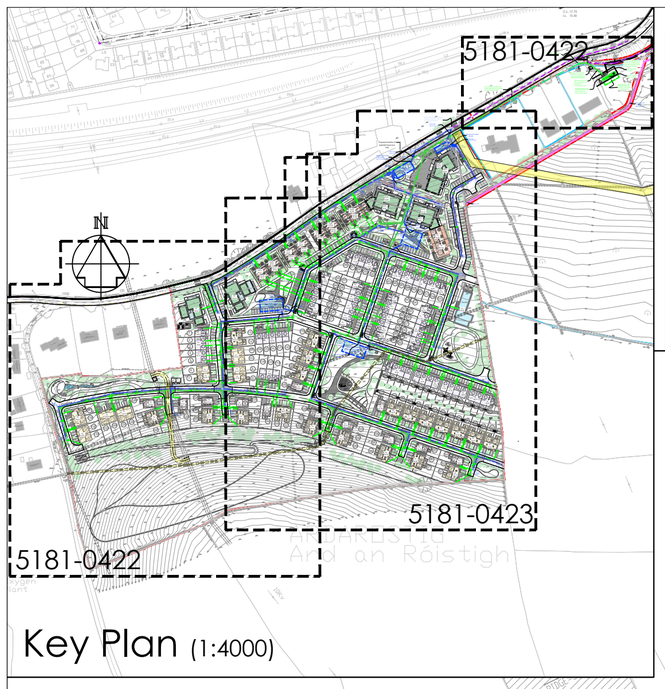

Key Plan (1:4000)

Legend:

Wastewater Details:	Document No. IW-CDS-5030-01	
Denotes Foul Pipe	Waste Water Service Connection Responsibility :	STD-WW-01
Denotes Foul Manhole	Typical Layout for Sewer within New Developments	STD-WW-02
Denotes Inspection Chamber	Drain & Service Connection Pipework :	STD-WW-03
Denotes Ex. Combined Sewer	Typical Sewer / Service pipe Connection :	STD-WW-04
	Typical Service layout indicating separation distances	STD-WW-05
	Restrictions on new planting adjacent to sewers	STD-WW-06A
Storm Water Details:	Trench Backfill & Bearing :	STD-WW-07
Denotes Storm Pipe	Concrete Bed, Haunch & Surround to Waste Water :	STD-WW-08
Denotes Storm Manhole	Pre-cast Concrete Manhole :	STD-WW-10
Denotes Ex. Storm Sewer	Backdrop manholes:	STD-WW-12
Road Gully	Private Side Inspection Chamber :	STD-WW-13
Filter drain	Thrust blocks for rising mains:	STD-WW-14
	Security Gate & Fencing:	STD-WW-25
	Indicative pumping station site layout:	STD-WW-26

Note: Refer to Irish Water Standard Details Drawings Document No. IW-CDS-5030-01

1. All Foul pipes must be in compliance with Code of Practice for Wastewater Infrastructure - Section 3.13
2. Foul pipe to be 'WavSpec SN8' shall be structure wall construction Type A manufactured in accordance with EN13476-2, and comprising PVC-U smooth internal and external layers with either a foamed or a recycled PVC-U core
3. 'WavSpec SN8' shall be manufactured in accordance with Quality Management system IS EN ISO 9001: 2008 and Environmental Quality System IS EN ISO 14001:2004
4. Separation distances must be in compliance with Standard details & Code of Practice for Wastewater Infrastructure
5. Manhole covers, where located in grass areas, shall be surrounded by a concrete plinth, 200mm all round and 100mm deep formed with C20/25 concrete
6. All new trees/shrubs planting will comply with minimum planting distances as per standard

Connected to Existing Storm Water Manhole to Cork City Council Specification

225mmØ Storm @1/116.3

Restricted Outlet = 1.2l/sec. 225mmØ Storm @1/102

Proposed location of potential future bus stop

225mmØ Storm @1/198.1

Restricted Outlet = 23.7l/sec. (6.7+7.4+6.3+3.3)

14m x 4.5m x 1.5m Attenuation Tank (105m³)

18m x 8.25m x 2m Attenuation Tank (297m³)

14m x 1.8m x 2.5m Attenuation Tank (560m³) Restricted Outlet = 20.4l/sec. (6.7+7.4+6.3)

21m x 10.5m x 2.5m Attenuation Tank (551m³) Restricted Outlet = 6.7l/sec.

21m x 10.5m x 2.5m Attenuation Tank (551m³) Restricted Outlet = 7.4l/sec.

Filter drain

Creche

Part Site Layout

Scale 1:500

N

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REV.	DRAWN	CHKD	APPRVD	DATE	DETAILS
F	SB	SO'G	LO'T	23.04.21	SHD Application

CLIENT: Ardstone Homes Ltd.

PROJECT: Residential Development @ Ardarostig, Bishopstown, Cork

DRAWING TITLE: Site Plan with Proposed Drainage (Sheet 2 of 2)

SHEET: A1

SCALE: 1:500

PROJECT NO.	DRAWING NO.	STATUS/ISSUE
5181	0423	F