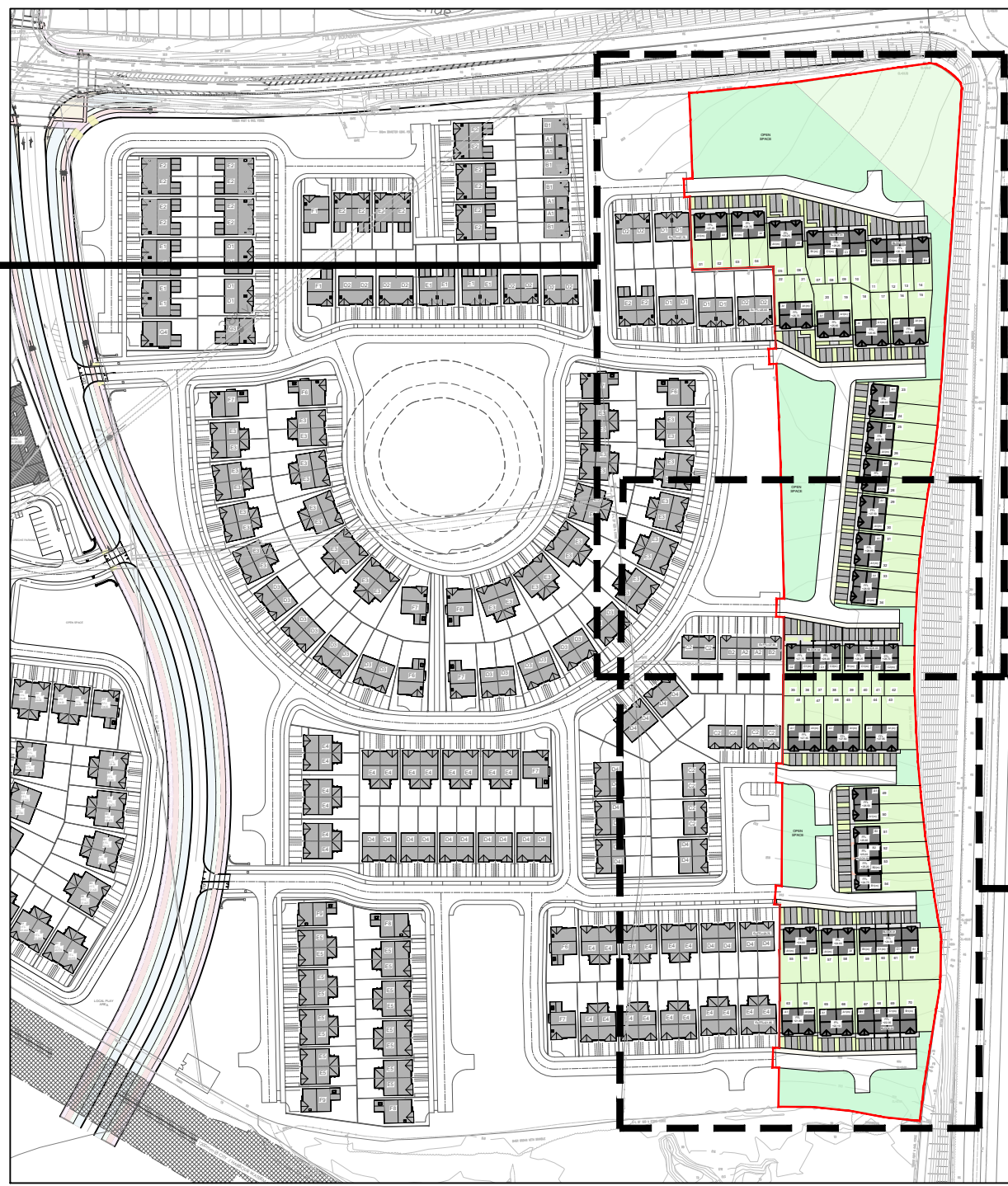




Site Layout (Northern Section)
Scale 1:500



Key Plan
Scale 1:2500

Standard Irish Water Detail References:

- STD-WW-01 Waste water service connection responsibility
- STD-WW-02 Typical Layout for Sewer within New Developments
- STD-WW-03 Drain & Service connection pipework
- STD-WW-04 Typical Sewer/ Service pipe connection
- STD-WW-05 Typical Service layout indicating separation distances
- STD-WW-05A Wastewater service connection vertical separation distances
- STD-WW-06 Restrictions on Wastewater infrastructure works adjacent to trees
- STD-WW-06A Restrictions on new trees/ shrubs planting adjacent to Sewers
- STD-WW-07 Trench Backfill & Bedding
- STD-WW-08 Concrete protection slab, bed, Haunch & surround to wastewater pipes
- STD-WW-10 Pre-cast concrete manhole with cast in-situ base
- STD-WW-12 Backdrop and Cascade manholes
- STD-WW-13 Private side inspection chamber
- STD-WW-15 Scour valve chamber (Foul rising main <200mmØ)
- STD-WW-17 Sluice valve details for rising mains Polyethylene (P.E.) Pipe (<200mmØ)
- STD-WW-18 Air valve chamber (Foul rising main <200mmØ)

Refer to dwg nos. 4208-PH03-0321 & 0322 for details.

Legend:

Wastewater Details:	Document No. IW-CDS-5030-01
IC001 Denotes Inspection Chamber	Waste Water Service Connection Responsibility : STD-WW-01
Denotes Connection Pipe	Drain & Service Connection Pipework : STD-WW-03
FS Denotes Foul Pipe	Typical Sewer / Service pipe Connection : STD-WW-04
Denotes Foul Manhole	Private Side Inspection Chamber : STD-WW-13
Denotes Foul Pipe, Concrete Encased	Trench Backfill & Bedding : STD-WW-07
Denotes Ex. Foul Sewer	Concrete Bed, Haunch & Surround to Waste Water : STD-WW-08
	Pre-cast Concrete Manhole : STD-WW-10
	Concrete bed, haunch & surround to wastewater pipes : STD-WW-08
	Rising Main discharge manhole : STD-WW-29
Storm Water Details:	
Denotes Connection Pipe	Drain & Service Connection Pipework : STD-WW-03
Denotes Storm Pipe	Typical Sewer / Service pipe Connection : STD-WW-04
Denotes Storm Manhole	Trench Backfill & Bedding : STD-WW-07
Road Gully	Concrete Bed, Haunch & Surround to Waste Water : STD-WW-08
Denotes Ex. Storm Sewer	Pre-cast Concrete Manhole : STD-WW-10

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

- All Foul pipes must be in compliance with Code of Practice for Wastewater Infrastructure - Section 3.13
- Foul pipe to be 'WavSpec SN8' shall be structure wall construction Type A manufactured in accordance with EN13075 and adapted using PVC-U smooth internal and external layers with either a foamed or a recycled PVC-U core
- '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
- Separation distances must be in compliance with Standard details & Code of Practice for Wastewater Infrastructure



Site Layout (Southern Section)
Scale 1:500