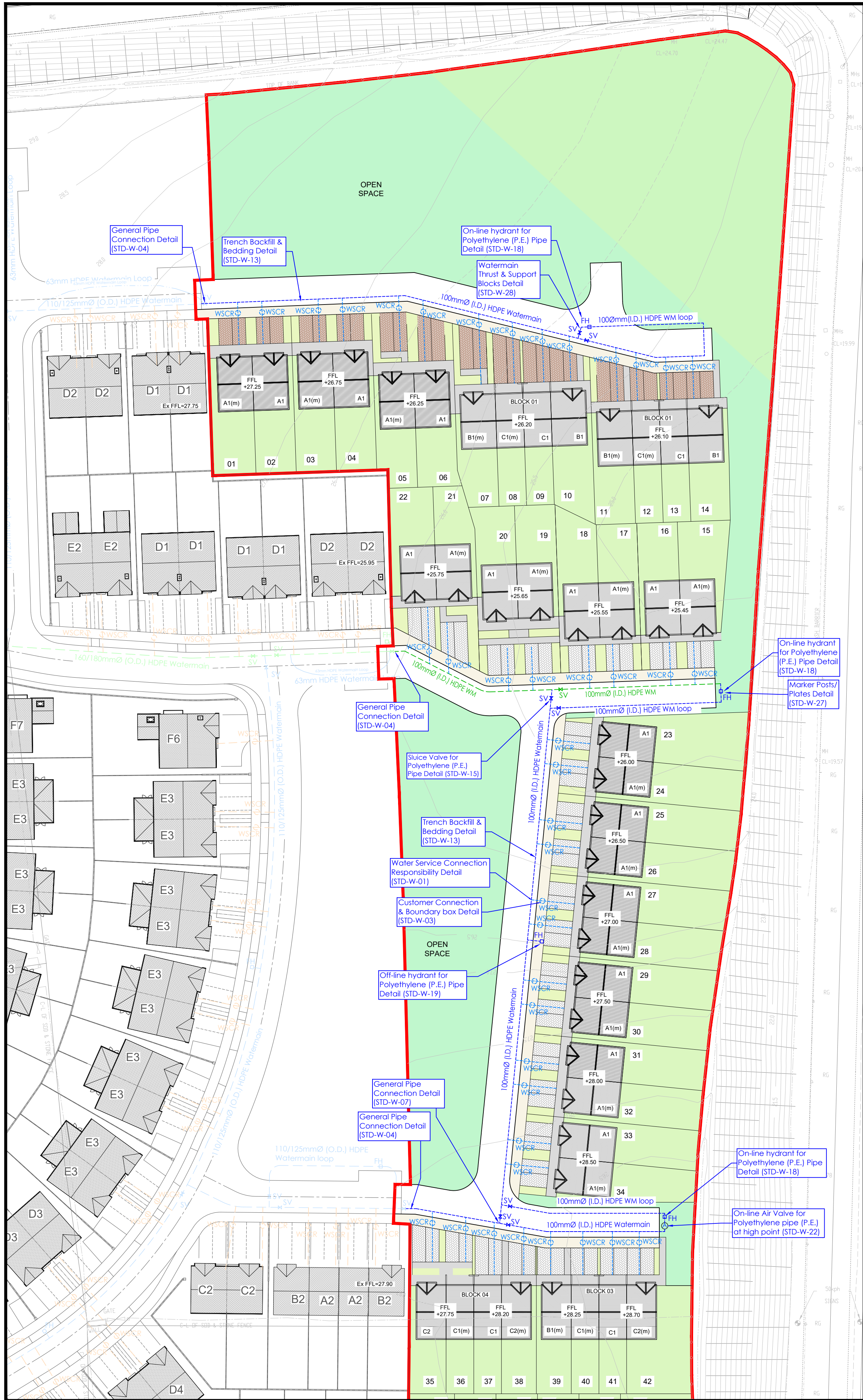
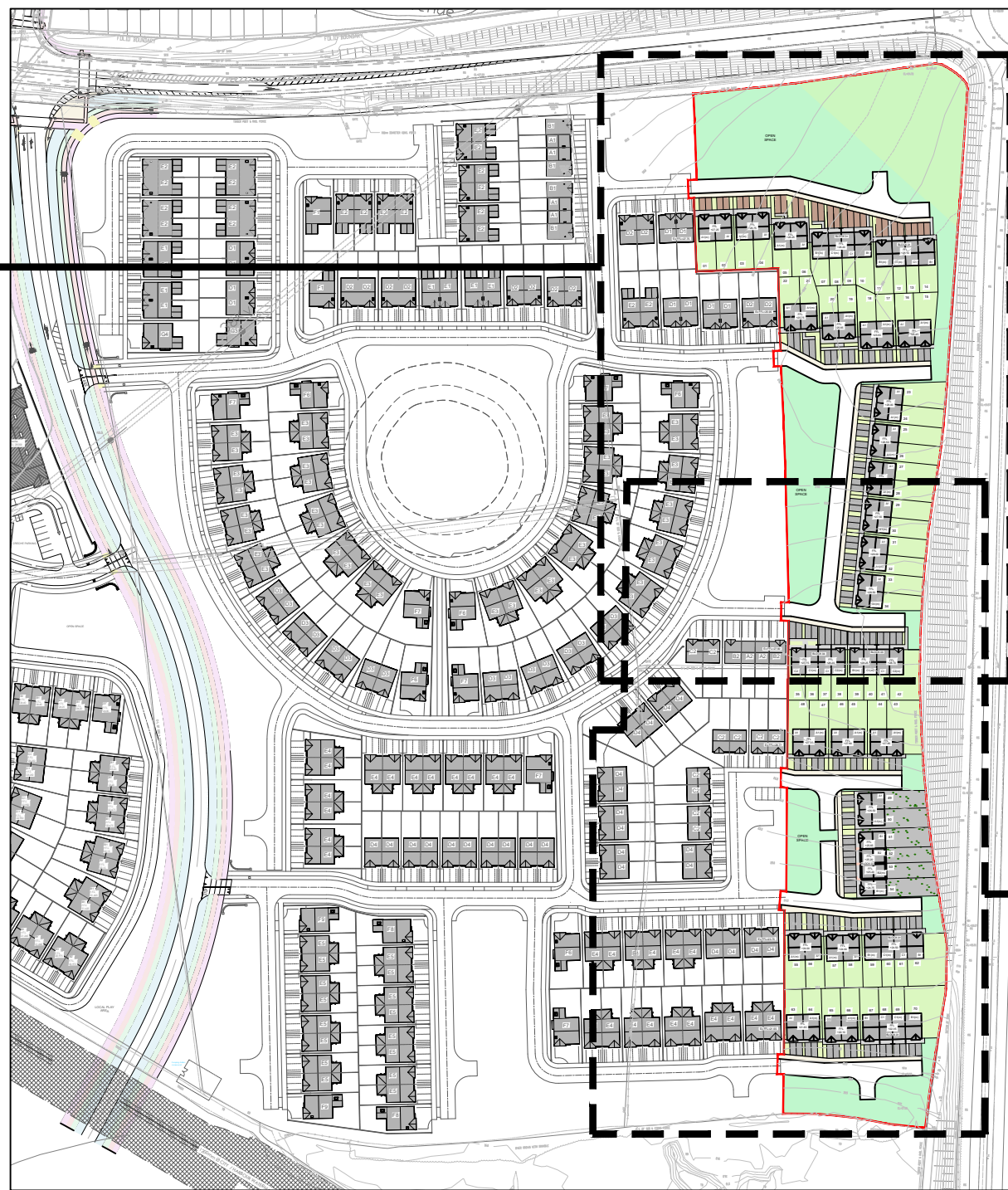




Site Layout (Northern Section)

Scale 1:500

B	K.M.	S.O'G.	L.O.T.	05.07.23	Issued for Planning
REV.	DRAWN	CHKD	APPRVD	DATE	DETAILS



Key Plan

Scale 1:2500

Legend:

FH = Fire Hydrant
SV = Sluice Valve
WSCR = Water Service Control Valve

Standard Irish Water Detail References:

STD-W-01 Water Service Connection responsibility
STD-W-02 Typical Layout for Water Mains within developments
STD-W-03 Customer connection & boundary box
STD-W-04 General Pipe Connection
STD-W-07 General Pipe Connection
STD-W-12A Restrictions on new trees/ shrubs planting adjacent to Water Mains
STD-W-13 Trench Backfill/ Bedding & reduced cover protection slab detail
STD-W-15 Sluice valve for Polyethylene (P.E.) Pipe (<350mmØ)
STD-W-18 On-line hydrant for Polyethylene (P.E.) Pipe
STD-W-19 Off-line hydrant for Polyethylene (P.E.) Pipe
STD-W-22 On-line Air Valve for Polyethylene (P.E.) Pipe
STD-W-27 Marker posts/ plates
STD-W-28 Water main Thrust & Support blocks
STD-W-39 Watermain Loop detail Polyethylene option

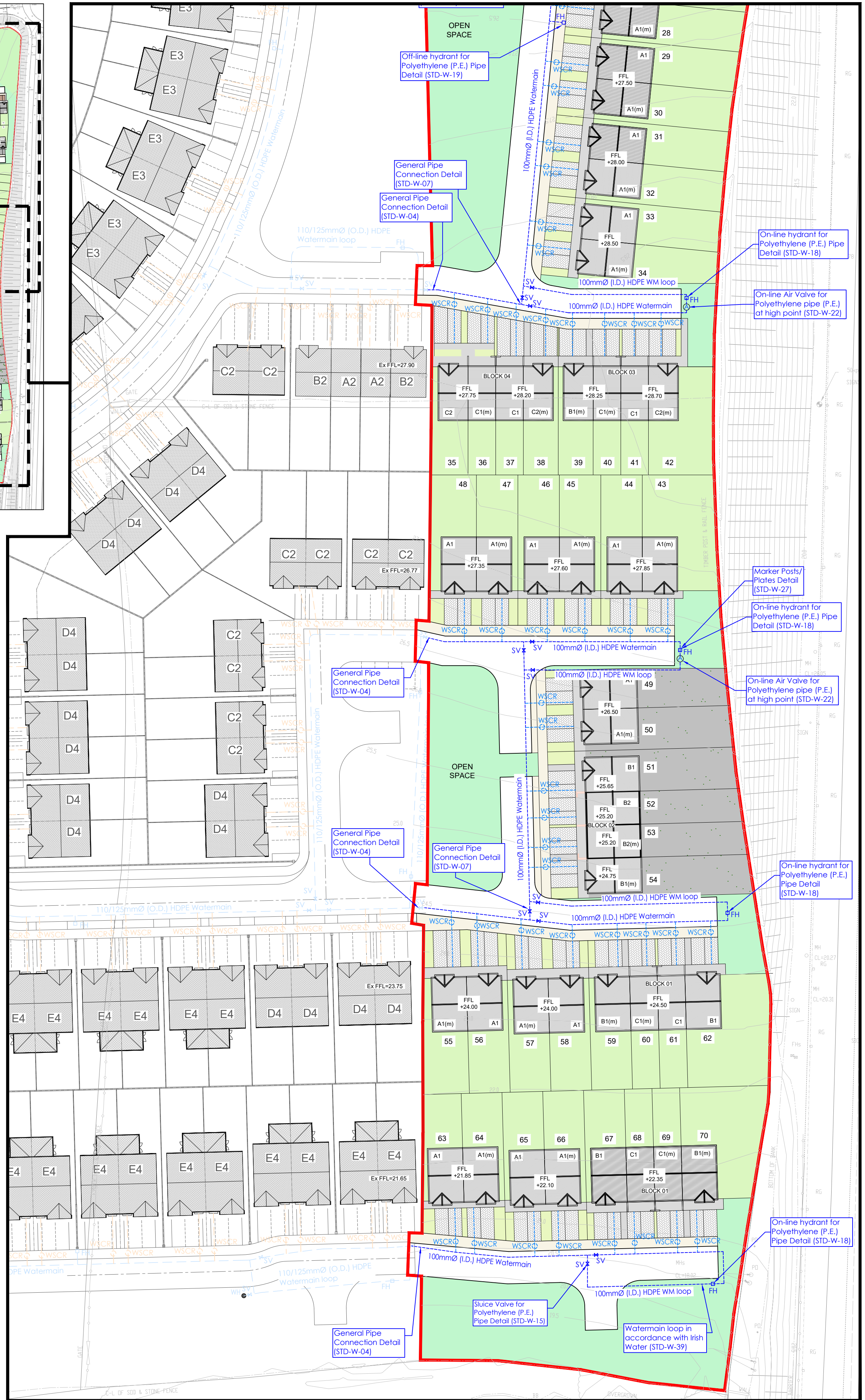
Refer to dwg no. 4208-PH03-0331 & 0332 for details

Legend:

Watermain Details:	Document No. IW-CDS-5020-01
Denotes Connection Pipe	Water Service Connection Responsibility : STD-W-01
Denotes 100mm I.D. HDPE Watermain	Customer Connection & Boundary Box : STD-W-03
Denotes 160mm Ø I.D. HDPE Watermain	Marker Posts & Plates : STD-W-27
Denotes 100mm Ø I.D. HDPE WM Loop	General Pipe Connections : STD-W-04
Denotes Sluice Valve	General Pipe Connections : STD-W-05
Denotes Washout Hydrant	General Pipe Connections : STD-W-07
Denotes Fire Hydrant	Trench Backfill and Bedding : STD-W-13
Denotes Air Valve	Watermain Thrust & Support Blocks : STD-W-28
Denotes Water Meter	Sluice Valve : STD-W-15
Denotes Existing Public Watermain	Marker Posts & Plates : STD-W-27
	Washout Hydrant : STD-W-30A
	On Line Hydrant : STD-W-18
	Off Line Hydrant : STD-W-19
	Marker Posts & Plates : STD-W-27
	Air Valve : STD-W-22
	Meter Chamber : STD-W-26/26A
	Marker Posts & Plates : STD-W-27

Note: Refer to Irish Water Standard Details Drawings Document No. IW-CDS-5020-01

- Mains should extend no more than 1.2m beyond the final Service Connection to mitigate dead-end Mains (Code of Practice for Water Infrastructure - Section 3.5)
- Service connection pipes should be a minimum of 25mm outside diameter, 20mm inside diameter, and should be provided with appropriately sized fittings. (Code of Practice for Water Infrastructure - Section 3.8)
- Separation distances must be in compliance with Standard details & Code of Practice for Water Infrastructure



Site Layout (Southern Section)

Scale 1:500