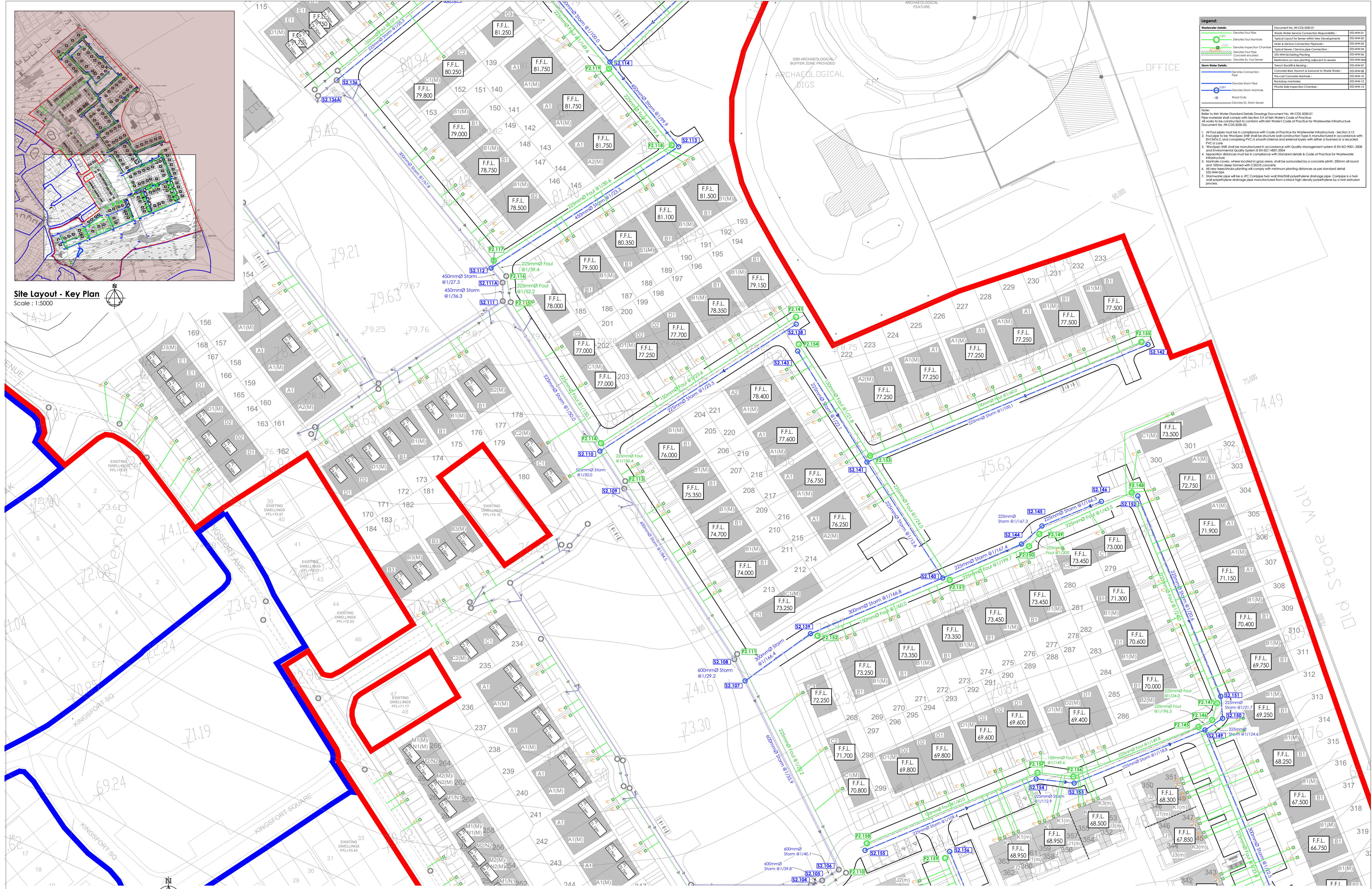


Site Layout - Key Plan
Scale: 1:5000

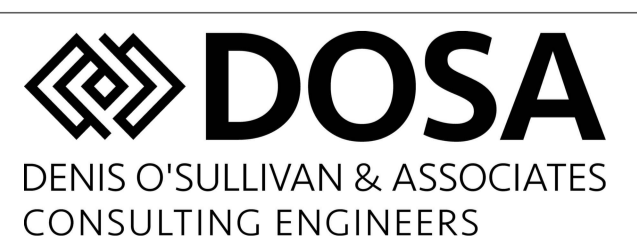


Legend		
	Denotes Foul Pipe	Waste Water Service Connection Responsibility: STD-WW-01
	Denotes Storm Pipe	Typical Layout for Sewer within New Developments: STD-WW-02
	Denotes Foul Manhole	Check & Service Connection Pipework: STD-WW-03
	Denotes Storm Manhole	Typical Storm & Service Pipe Connection: STD-WW-04
	Denotes Foul Valve	Storm & Service Pipe Connection: STD-WW-05
	Denotes Storm Valve	Restrictions on new planting adjacent to sewers: STD-WW-06
	Denotes Foul Chamber	Access Details & Details: STD-WW-07
	Denotes Storm Chamber	Concrete Back House & Surround to Waste Water: STD-WW-08
	Denotes Foul Inspection Chamber	Pre-cast Concrete Manhole: STD-WW-09
	Denotes Storm Inspection Chamber	Basin Details: STD-WW-10
	Denotes Foul Manhole	Private Site Inspection Chamber: STD-WW-11
	Denotes Storm Manhole	
	Denotes Foul Valve	
	Denotes Storm Valve	

Note:
Refer to Irish Water Standard Details Drawing Document No. IW-CDS-3000-01
Pipe materials shall comply with Section 31 of the Water Code of Practice for Wastewater Infrastructure Document No. IW-CDS-3000-02.

- All foul pipes must be in compliance with Code of Practice for Wastewater Infrastructure - Section 3.13
- For pipes to be WorkSpec 2018 shall be structure wall construction type 1 manufactured in accordance with EN13476-2, and complying PVC-U smooth finished external pipes with either a bonded or a structural PVC-U lining.
- WorkSpec 2018 shall be manufactured in accordance with Quality Management System BS ISO 9001:2008 and Environmental Quality System BS ISO 14001:2004.
- Separation distances must be in compliance with standard details & Code of Practice for Wastewater Infrastructure.
- 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.
- All new trees/planting shall comply with minimum planting distances as per standard detail STD-WW-06.
- Stormwater pipe will be a JFC Corus pipe with 300mm diameter polyethylene drainage pipe. Corus pipe to have wall polyethylene drainage pipe manufactured from a stack high density polyethylene by a twin extrusion process.

Proposed Drainage Layout 3 of 3
Scale: 1:500



Joyce House
Barrack Square
Ballincollig
Cork
P31 KP84

021 4871781
info@dosa.ie
www.dosa.ie

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REV.	DRAWN	CHKD	APPRVD	DATE	DETAILS
F	K.M.	S.O'G	S.O'G	01.10.24	Revised & Issued for LRD Application

CLIENT
Reside (Castlepark) Ltd.
PROJECT
Castlepark, Mallow, Co. Cork

DRAWING TITLE		SCALE		PROJECT NO.		DRAWING NO.		STATUS/ISSUE	
LRD Proposed Drainage Layout 2 of 3		1:500		6621		2021		F	