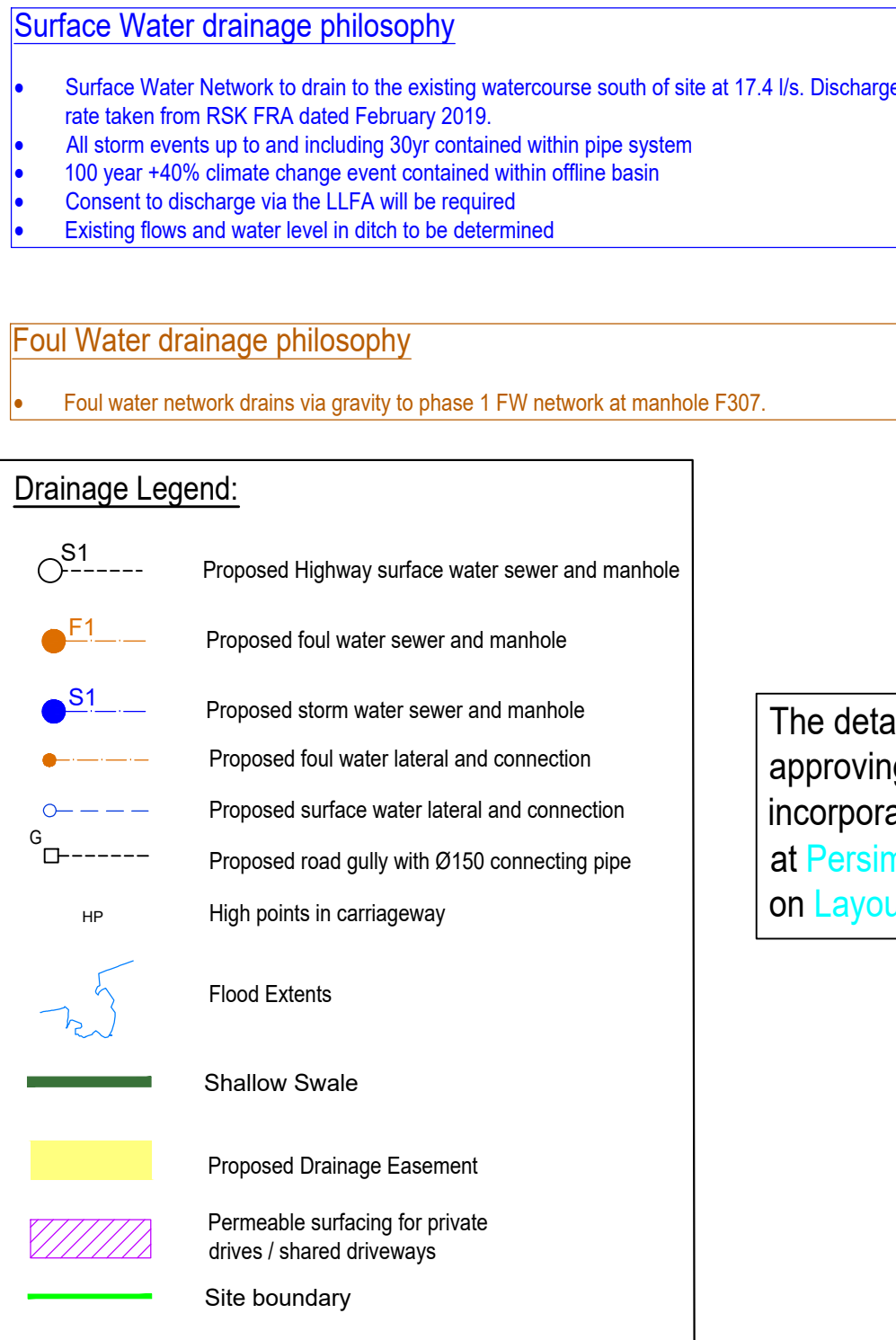
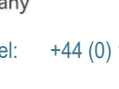




Note: The drainage works are subject to Technical Approval from Severn Trent and may therefore change

- All adoptable sewer works and material to be in accordance with **AD307, The Relevant British/European and Seven Trent Standards/Requirements/Adoptium and Seven Trent**
- Manholes covers shall have a minimum clear opening of 600mm and shall be Class D or F154 with 150mm deep frames in highways.
- Filled ground must be filled and consolidated under the supervision and to the satisfaction of Seven Trench before any sewer works are carried out.
- Seven Trench is not obliged to accept drain/filtration drainage **run off** into the public sewer network or adoptable drainage system (directly or indirectly). An alternative method of disposal of the land drainage run-off will therefore be required and you will have to liaise with the Local Authority. All run-off must be in accordance with the disposal of the filter drain/filtration drainage run-off.
- Cover slabs must carry the BS1686 mark or will be rejected by Seven Trench Water Inspector. Where the clear opening of the keramekprod product is different to that of the cover and frame, a bedding bearing should be laid above the cover slab to bring the size down to 675mm x 675mm for the Seven Trench specified cover size. Please refer to Concrete Pipe Systems Association (CPSA) – Trench Bedding – issued January 2004 for recommended cover slab spacing etc.
- Sulphate resistant concrete (C20/C25) and precast concrete products must be used or a laboratory report proving that such precautions are not necessary.
- The adoptable sewers should be a minimum of 1m and manholes 0.5m from kerb faces and boundaries.
- Sewers to be laid in Class "S" Bedding (150mm granular bed) and surround. Where depth of cover to top of the sewer is less than 1.2m in highways and/or (or less than 900mm in none vehicular access areas) then a concrete slab should be provide above granular bed and surround.
- Bedding and backfill material to conform to the requirement of Water Industry Specification W802 – Table A2.
- The chamber sizes of manholes with more than one connection line may need to be increased or increased to accommodate the connections and bends.
- Seven Trench Water policy is not to accept Type "C" brick manholes and 1500mm diam chamber rings. Instead it is preferred that you use a type "S" manholes with a 1500mm diam chamber rings, with the opening sized over the manhole rings depth of cover to pipe effluent at 1.5m.
- All lateral drains to the 150mm dia, laid at 110/90 gradient.

P10	13.11.25	Swale detail removed from drawing as requested by LFLA	MAR		
P9	04.11.25	Updated to show Flood Extents and Swale per LFLA request	PO	MAR	
P8	03.09.25	FW outfall updated to suit clients request received 28.07.25	LS	MAR	
P7	14.07.25	Updated to suit layout Rev Y received 08.07.25 and latest FFL's	CB	LS	
P6	04.07.25	S11 storage removed, FFL's updated to suit new scheme	LS	MS	
P5	30.06.25	Updated to suit layout Rev Y received 26.06.25	LS	MS	
P4	26.06.25	Updated to suit layout Rev X received 16.06.25	LS	MS	
P3	25.03.25	Updated to suit layout Rev W received 19.03.25	MG	MAR	
P2	05.02.25	Updated to suit client comment received 09.01.25. Updated to suit layout Rev W	PO	MAR	
P1	26.11.24	First Issue	PO	MAR	
Rev	Date	Amendment	Drawn	Check	Appr

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Client



Persimmon

Ayr Road Phase 2 Cheadle

Status

DETAILED DESIGN

Drawing Title

Adoptable Drainage Layout

Drawn	Date	Checked	Date	Approved	Date
LGS		MAR			
Scale		Orig Size		Dimensions	
1/500		A0			

Project No. 882655	File Name 40-01
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Drawing No.	Date	Rev.
882655	LDE	P10

Project No.	Orig.	Vol/Iss	Lever Loc.	Type	Role	Draw. No.	

Scale 1:500
