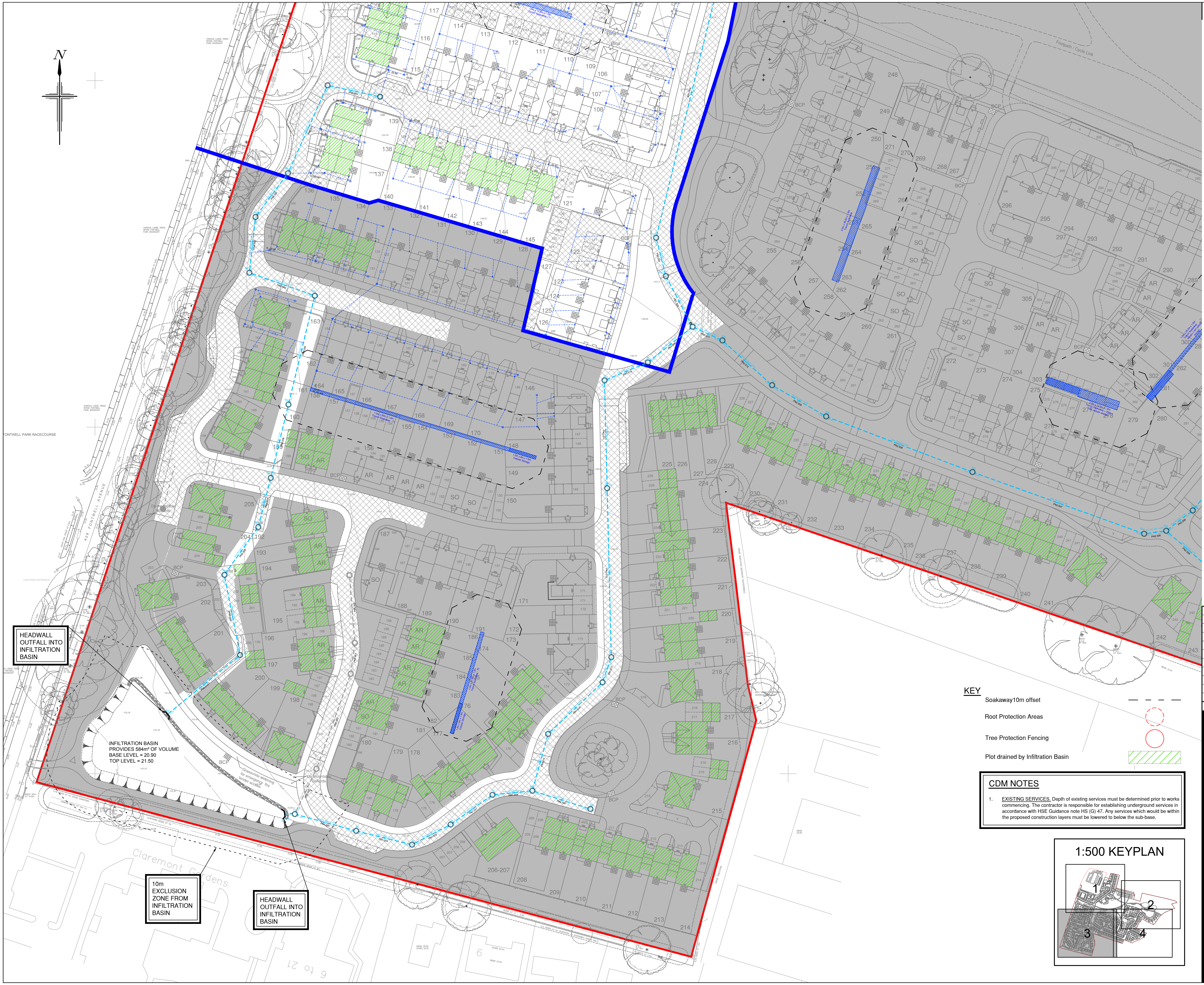

KEY

Soakaway10m offset	— — — —
Root Protection Areas	◌
Tree Protection Fencing	○
Plot drained by Infiltration Basin	▨

CDM NOTES

1. EXISTING SERVICES. Depth of existing services must be determined prior to works commencing. The contractor is responsible for establishing underground services in accordance with HSE Guidance note HS (G) 47. Any services which would be within the proposed construction layers must be lowered to below the sub-base.

NOTES

1. Site Layout and boundary based on AAP Architecture Proposed Site Layout, drawing numbers P1549.11 Revision K, P1549.21 Revision K and P1549.31 Revision J received on 21/01/2020.
2. Topographic Survey as per MK Surveys Topographical Survey, drawing number 25802 provided in October 2018.
3. The current SURFACE water drainage strategy is indicative only and subject to further design development following receipt of the finalized site layout proposals.
4. FW & SW house drainage is to be constructed in accordance with the Building Regulations & BS8301 & the WRC Guide Sewers for Adoption 6th Edition Drains are to be constructed using flexibly jointed vitrified clay pipes to BS EN 295-1991 "Super Strength" specification (e.g. Hepworth Supersleve or similar) or uPVC drainage pipework to BS4660 & BS2494, bedded & backfilled in accordance with manufacturers instructions.
5. Location of sewers & lateral drains to be in accordance with the WRC Guide Sewers for Adoption 6th Edition & addendum and specific requirements of ICOSA water.
6. Backfilling of drain trenches adjacent to dwelling or other structure to be in accordance with BS8301-Fig. 9.
7. Access fittings & inspection chambers as table below:-

TYPE	DEPTH RANGE	DESCRIPTION	TYPE	DEPTH RANGE	DESCRIPTION
3	0.6m to 3.0m	min. 450mm diameter Flexible or Rigid access chamber (Non Entry) in areas subject to vehicle loading	6	0.6m to 1.0m	min. 450mm diameter Flexible / Rigid access chamber (Non Entry)
4	0.6m to 3.0m	min. 450mm diameter Flexible / Rigid access chamber (Non Entry) in areas subject to light vehicle loading	7	0.6m to 2.0m	min. 450 or 450x450mm diameter Flexible access chamber (Non Entry)
5	0.6m to 1.0m	min. 450mm diameter Flexible / Rigid access chamber (Non Entry)	8	0.0m to 0.6m	min. 190 or 225x100mm diameter Flexible access chamber (Non Entry)
			RE		Rodding point at head of drain

LOCATION	CODE	COVER GRADE
Road	R	D400
Driveway	D	B125
Garden	G	A15

8. As an alternative to the construction of domestic drainage chambers deeper than 1.0m, the "Osma Non - entry Inspection Chamber", 500mm dia. polypropylene chamber to a maximum depth of 3.0m may be used subject to the approval of the local building inspector or the NHBC inspector.
9. Cover levels indicated on the Drainage Schedules are nominal & may be adjusted to suit finished ground levels as necessary.
10. Generally inspection chamber covers should be Grade D400 in trafficked areas Grade B125 in parking areas and occasional traffic and A15 in pedestrian only areas.
11. Rainwater downpipes to be connected direct to drain using an appropriate adaptor & removable section of downpipe to permit rodding access.
12. The positions of SVP's, stub stacks, WC outlets, Back inlet gullies etc. & rainwater downpipes are to be accurately located from the house type working drawings.
13. Generally FW drains are to be laid to falls of 1 in 40, SW drains are to be laid to falls of 1 in 60, both in 100mm diameter pipes, unless stated otherwise, or where a schedule is provided. Connections to Adoptable sewers to be 150mm diameter.
14. Gullies situated in areas accessible to wheeled vehicles to be of suitable construction for trafficked areas.
15. Where land drain is identified on the Architect's details, connect into nearest SW stystem.
16. This drawing should be read in conjunction with the Architect's and Structural Engineer's design drawings and specification.
17. An allowance to be made for all inspection chambers or manholes upstream of attenuation tanks or permeable pavements to have a 500mm sump catch pit within the chamber for silt control
18. ***ANY VARIANCE OR DISCREPANCY MUST BE REPORTED BACK TO RCP ENGINEERING BEFORE WORK BEGINS.***

KEY

Site Boundary	🟥
Phase 1 Boundary	🟦
Works outside of Phase 1	⬜
Proposed Permeable Paving	▨
Private Surface Water Sewers	○— — —
Private Surface Water Domestic Drainage	○— — — —
Trench Soakaways with 10m offset to structures	▨
Cellular Storage	▩

Rev.	Date	Details	By	Chkd	Appd
C	12.03.20	Phase 1 Mains and domestic drainage indicated. Key updated.	LD	PJ	TRS
B	23.01.20	Updated to latest Site Layout received 23.01.20, key updated.	GD	LD	TRS
A	17.05.19	Updated to latest Site Layout received 17.05.19, key updated.	WD	LD	TRS

Client:-
dandara

Site:-
Fontwell
Eastergate
Arundel

Drawing Title:-
PROPOSED
SURFACE WATER
DRAINAGE STRATEGY
Sheet 3 of 4

Date: May 2019
Scales: 1:500 at A1
Drawn: WD
Checked: LD
Approved: TRS

Drawing No.
DAN/E4736/033 C

FOR INFORMATION ONLY

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