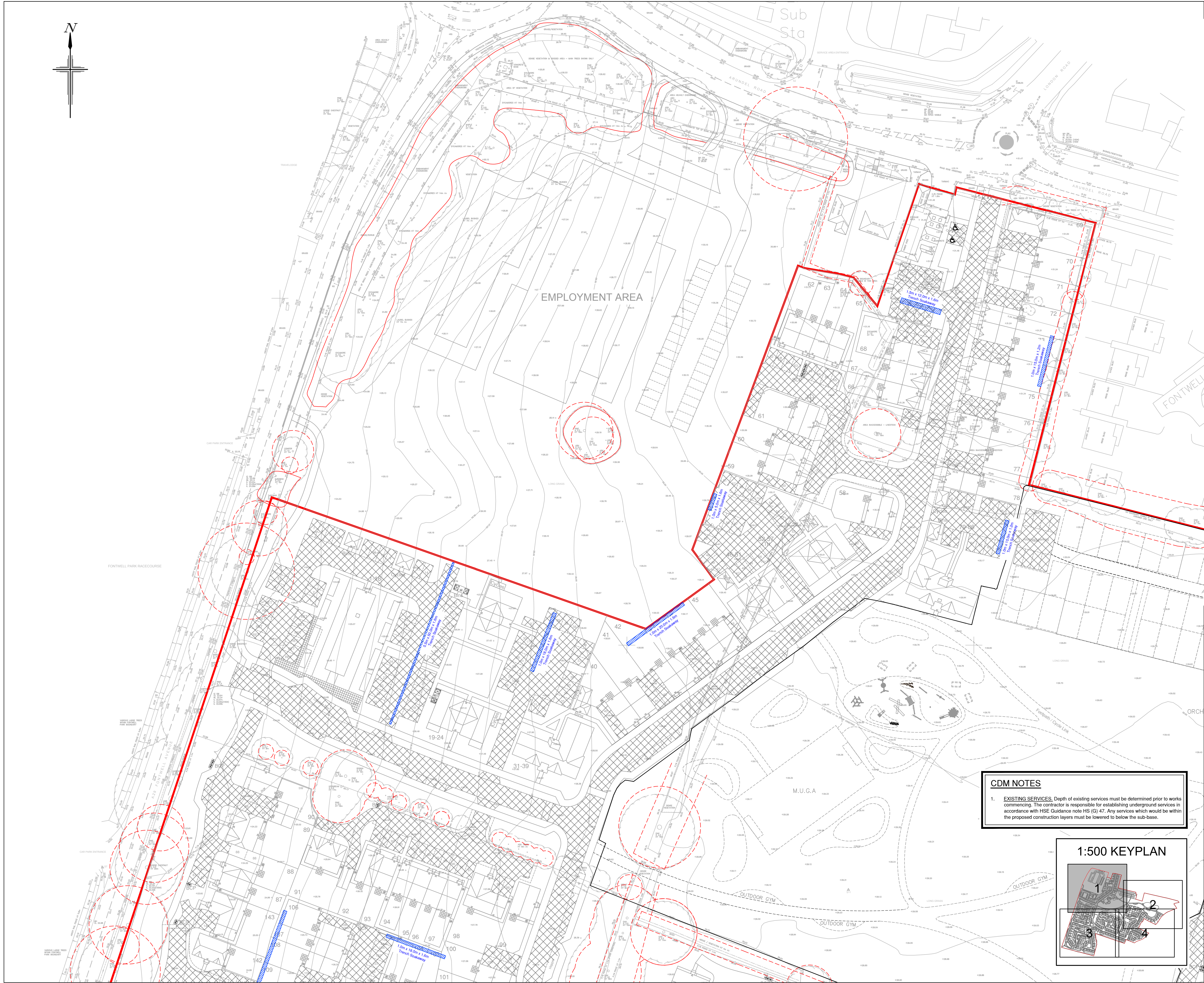
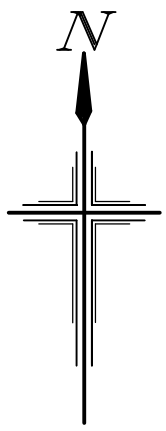




NOTES

- Site Layout and boundary based on AAP Architecture Proposed Site Layout, drawing number "P1549" revision D. dwg format received on 17/05/2019.
- Topographic Survey as per MK Surveys Topographical Survey, drawing number 25802 provided in October 2018.
- The current SURFACE water drainage strategy is indicative only and subject to further design development following receipt of the finalized site layout proposals.
- FW & SW house drainages 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 Supersleeve or similar) or uPVC drainage pipework to BS4660 & BS2494, bedded & backfilled in accordance with manufacturers instructions.
- 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.
- Backfilling of drain trenches adjacent to dwelling or other structure to be in accordance with BS8301-Fig. 9.
- Access fittings & inspection chambers as table below:-

TYPE	DEPTH RANGE	DESCRIPTION	TYPE	DEPTH RANGE	DESCRIPTION
3	0.6m to 3.0m	min. 400mm diameter Flexible or Rigid access chamber (Non Entry) in areas subject to vehicle loading	6	0.6m to 1.0m	min. 400mm diameter Flexible / Rigid access chamber (Non Entry)
4	0.6m to 3.0m	min. 400mm diameter Flexible / Rigid access chamber (Non Entry) in areas subject to light vehicle loading	7	0.6m to 2.0m	min. 400 or 450/400mm diameter Flexible access chamber (Non Entry)
5	0.6m to 1.0m	min. 400mm diameter Flexible / Rigid access chamber (Non Entry)	8	0.6m to 2.0m	min. 100 or 125/100mm diameter Flexible access chamber (Non Entry)
LOCATION	CODE	COVER GRADE	RE	Description	
Road	R	D400	RE	Rear of road	
Driveway	D	B125			
Garden	G	A15			

- 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.
- Cover levels indicated on the Drainage Schedules are nominal & may be adjusted to suit finished ground levels as necessary.
- 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.
- Rainwater downpipes to be connected direct to drain using an appropriate adaptor & removable section of downpipe to permit rodding access.
- 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.
- 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 Adaptable sewers to be 150mm diameter.
- Gullies situated in areas accessible to wheeled vehicles to be of suitable construction for trafficked areas.
- Where land drain is identified on the Architect's details, connect into nearest SW system.
- This drawing should be read in conjunction with the Architect's and Structural Engineer's design drawings and specification.
- 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
- ANY VARIANCE OR DISCREPANCY MUST BE REPORTED BACK TO RCP ENGINEERING BEFORE WORK BEGINS.**

KEY

Site Boundary

Proposed Lined Permeable Paving

Trench Soakaways with 10m offset to structures

Plots drained by infiltration basin

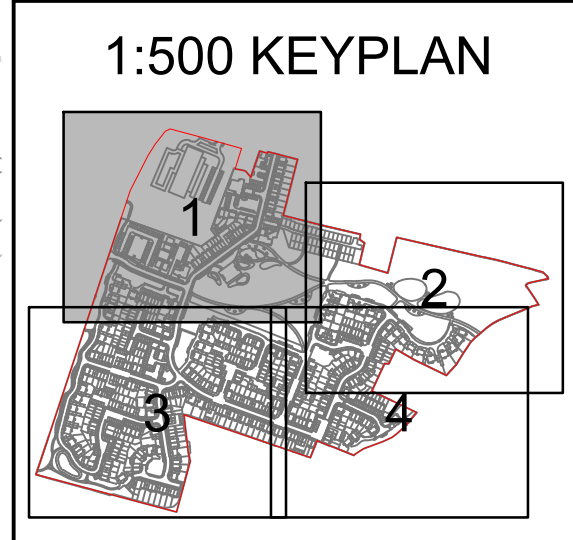
Root Protection Areas

Tree Protection Fencing

SCALE BAR 1:500 at A1

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.



Rev.	Date	Details	By	Chkd	Appd
A	17.05.19	Updated to latest Site Layout received 17.05.19, key updated.	WD	LD	TRS

Client:-

Site:-

Fontwell
Eastergate
Arundel

Drawing Title:-

PROPOSED
SURFACE WATER
DRAINAGE STRATEGY

Sheet 1 of 4

Date: May 2019

Drawn: WD

Checked: LD

Approved: TRS

Drawing No. DAN/E4736/031 A

FOR INFORMATION ONLY

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