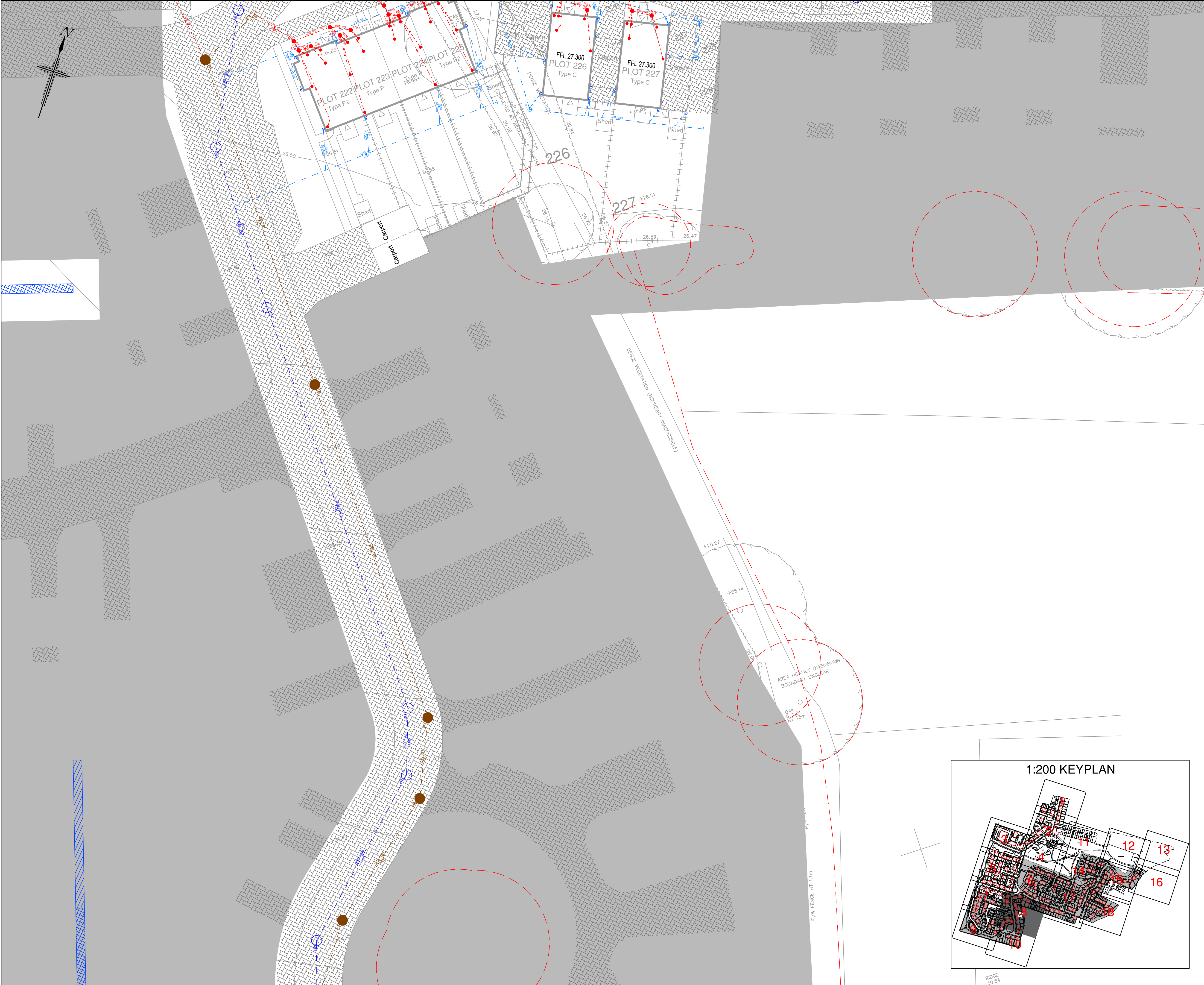




NOTES

- All dimensions are in metres unless stated otherwise.
- Do not scale from this drawing. Only written dimensions are to be used.
- FW & SW house drains to be constructed in accordance with the Building Regulations & BS8301 & the WRC Guide Sewers for Adoption 6th Edition & Interim Technical Addendum.
- Drains are to be constructed using flexibly jointed vitrified clay pipes to BS EN 205-1991 'Super Strength' specification (e.g. Hesporth Supersew or similar or uPVC drainage pipework to BS4609 & BS2454, bedded & backfilled in accordance with manufacturers instructions).
- All construction to be in accordance with Sewers for Adoption - 6th Edition & Interim Technical Addendum and local Water specific requirements.
- Backfilling of drain trenches adjacent to dwelling or other structure to be in accordance with BS8301 Fig. 9.
- 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 D125 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, sub 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 water. SW pipes are to be 150mm diameter when serving 2 or more RWP connections. FW pipes are to be 150mm diameter when serving 10 dwellings or more unless stated otherwise, or where a schedule is provided.
- 100mm Drains are to be laid to minimum fall of 1 in 80 and 150mm Drains are to be laid to minimum fall of 1 in 150.
- 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.
- Where catchpits have been shown in rear gardens connecting to land drains, 400mm PPVC catchpit to be used.
- This drawing should be read in conjunction with the Architect's and Structural Engineer's design drawings and specification.
- Site Layout and boundary based on AAP Architecture Proposed Site Layout, drawing numbers P1545.11 Revision 22222 received on 28/10/2020.
- Topographic Survey taken from mksurveys Topographical Survey drawing number 25802, Sheets 1-3, dated 05.10.18.
- Architectural blocks based on AAP Architecture Sub Structures, as received 19/11/2020 & 25/11/2020.
- Tree survey information is based on FPCR Environmental and design Ltd, Drawing Number 6233-A-02 to 20 dated May 2018.
- This drawing should be read in conjunction other External Levels, Landscapes, Highways Longitudinal Sections (FON-160-01 to 03), Foul Water Sewer Longitudinal Sections (FON-160-01 to 04), Surface Water Sewer Longitudinal Sections (FON-161-01 to 03), Highways Construction Details (FON-182-01 to 02), Highways Contours Layouts (FON-121-01 to 18), Highways Setting out Layout (FON-113-01 to 02), Highways Setting Out Coordinate Listings (FON-113-03), Drainage Construction Details (FON-181-01 to 10), Foul Water Manhole Schedules (FON-141-01 to 03), Domestic Drainage Layouts (FON-130-01 to 18), Domestic Drainage Construction Details (FON-182-01 to 02), Surface Water Attenuation Details (FON-183-01 to 02) and Building Setting Out Layouts (FON-110-01 to 18).
- Where backdrop is less than 1.0m for domestic drainage, backdrop to be accommodated with internal benching.
- ANY VARIANCE OR DISCREPANCY MUST BE REPORTED BACK TO RCP ENGINEERING BEFORE WORK BEGINS.**

TYPE	DEPTH RANGE	DESCRIPTION	TYPE	DEPTH RANGE	DESCRIPTION
3	0.6m to 3.0m	min. 450mm diameter Flexible / 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	0.6m to 0.6m	min. 100 or 250x250mm diameter Flexible access chamber (Non Entry)
LOCATION	CODE	COVER GRADE	RE		
Road	R	D400			Rodding point at head of drain
Driveway	D	D125			
Garden	G	A15			

KEY

- Site Boundary (not shown awaiting confirmed planning architects Site Boundary)
- FFL - Plot / Garage Finished Floor Level
- Main Surface Water Sewers
- Adoptable Foul Water Sewers
- Private Surface Water Domestic Drainage
- Foul Water Domestic Drainage
- House connection via 300mm dia. shallow access chamber not more than 600mm deep. In the event that conditions on-site result in maximum depth of 600mm being exceeded, then Type 5 chambers to be used.
- Internal Foul Connections - refer to Architect sub structure plans
- Soil Vent Pipe
- Drainage Connection
- Rodding Eye
- Cellular Soakaway (Refer to drawing FON-132-01 for details)
- Permeable Paving (Refer to drawing FON-180-01 for details)
- Gabion Headwall Detail (Refer to drawing FON-132-01 for details)
- Root Protection Area (Based on FPCR Environmental and design Ltd, Drawing Number 6233-A-02 to 20 dated May 2018.)
- Extent outside of Phase 1 Boundary

SCALE BAR 1:200 at A1
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Rev.	Date	Details	By	Chkd	Appd
D	03.12.20	Domestic drainage updated, Shed bases indicated on site plan.	GD-1	LD	TRS
C	02.12.20	Domestic drainage updated in accordance with Dandara Comments and revised site layout & sub structure layouts.	GD-1	LD	TRS
B	09.10.20	Updated to suit new site layout.	GD	LD	TRS
A	26.05.20	Manhole scheduling updated	TRS	TRS	TRS

Client:-

dandara

Site:-

**Fontwell
Eastergate
Arundel**

Drawing Title:-

**DOMESTIC
DRAINAGE
LAYOUT**

Sheet 8 of 18

Date: March 2020

Drawn: LD

Scales: 1:200 at A1

Checked: PJ

Approved: TRS

Drawing No.

FON-130-08-D

INITIAL TENDER ISSUE

SUBJECT TO PLANNING APPROVAL

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