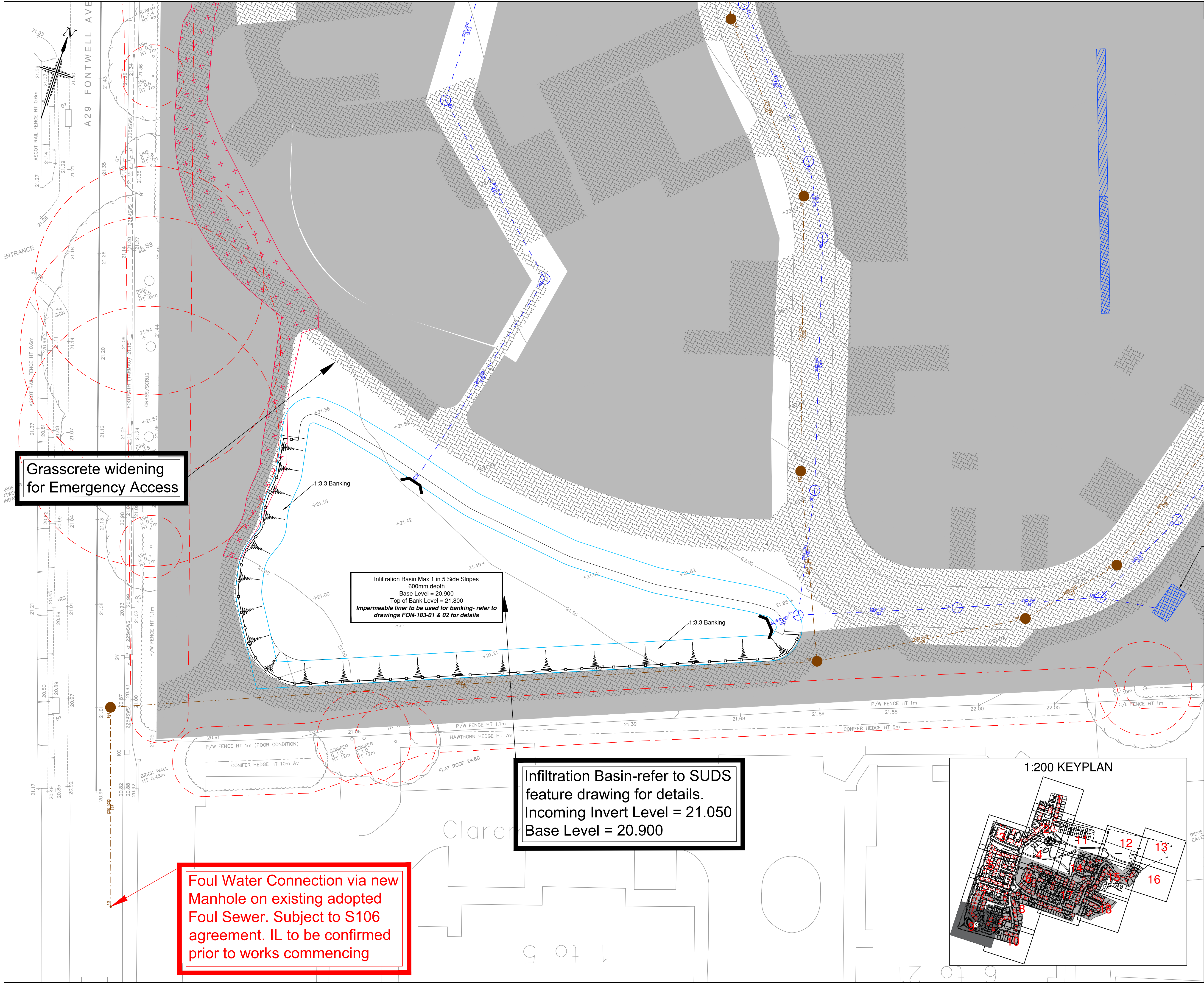


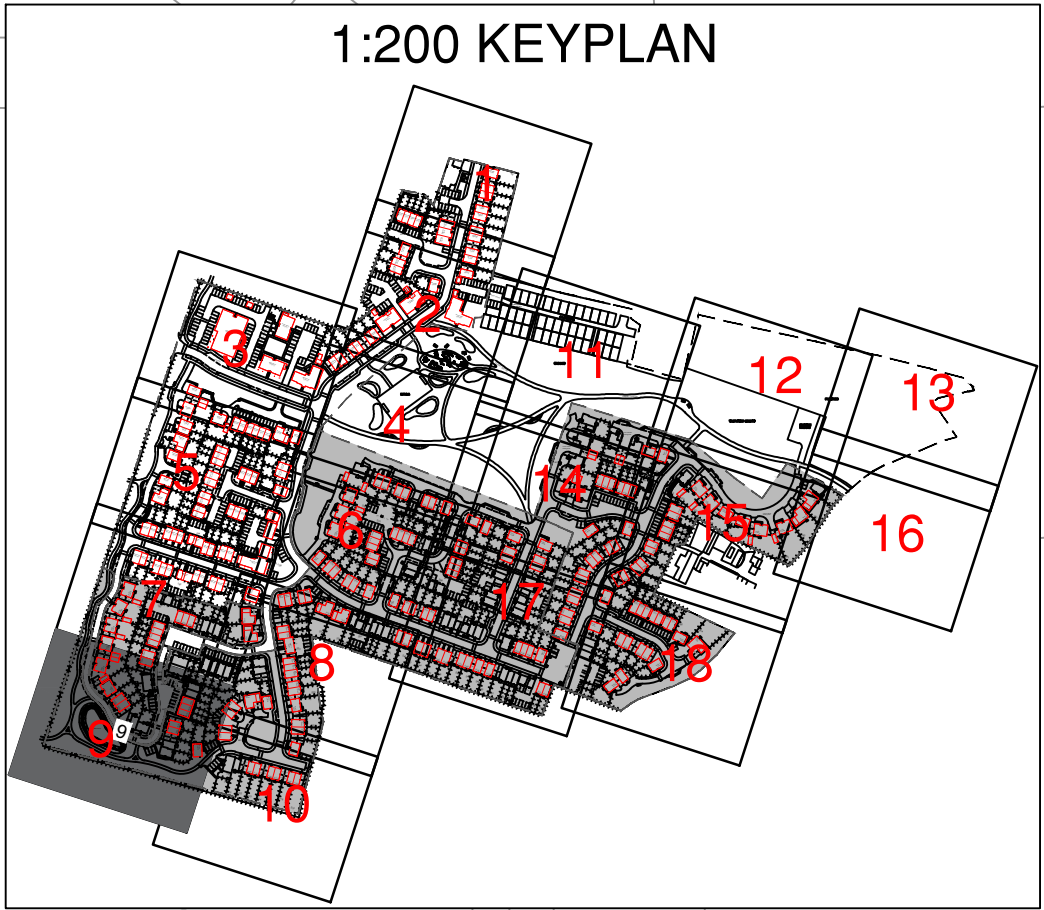


Grasscrete widening
for Emergency Access

Infiltration Basin Max 1 in 5 Side Slopes
600mm depth
Base Level = 20.900
Top of Bank Level = 21.800
Impermeable liner to be used for banking- refer to
drawings FON-183-01 & 02 for details

Infiltration Basin-refer to SUDS
feature drawing for details.
Incoming Invert Level = 21.050
Base Level = 20.900

Foul Water Connection via new
Manhole on existing adopted
Foul Sewer. Subject to S106
agreement. IL to be confirmed
prior to works commencing



- 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 drainage is 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 252-1991 "Super Strength" specification in e.g. Reporth Superstrength or similar or uPVC drainage pipework to BS4609 & BS4604, 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 pipes. 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 P1565.11 Revision ZZZZ received on 28/10/2020.
 - Topographic Survey taken from measurements 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 with other External Levels Layouts, Highways Longitudinal Sections (FON-162-01 to 03), Foul Water Sewer Longitudinal Sections (FON-162-01 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 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	0.6m to 0.6m	min. 100 or 250x250mm diameter Flexible access chamber (Non Entry)

LOCATION	CODE	COVER GRADE	RE	DESCRIPTION
Road	R	D400		
Driveway	D	D125		
Garden	G	A15		Rodding point at head of drain

KEY

Site Boundary not shown awaiting confirmed planning architects Site Boundary

FFL - Plot / Garage Finished Floor Level FFL=26.80

Main Surface Water Sewers Backdrop

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	LD	TRS
C	02.12.20	Domestic drainage updated in accordance with Dandara Comments and revised site layout & sub structure layouts.	GD	LD	TRS
B	16.10.20	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 9 of 18

Date: **March 2020** Scales: **1:200 at A1**

Drawn: **LD** Checked: **PJ** Approved: **TRS**

Drawing No. **FON-130-09-D**

INITIAL TENDER ISSUE

SUBJECT TO PLANNING APPROVAL

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