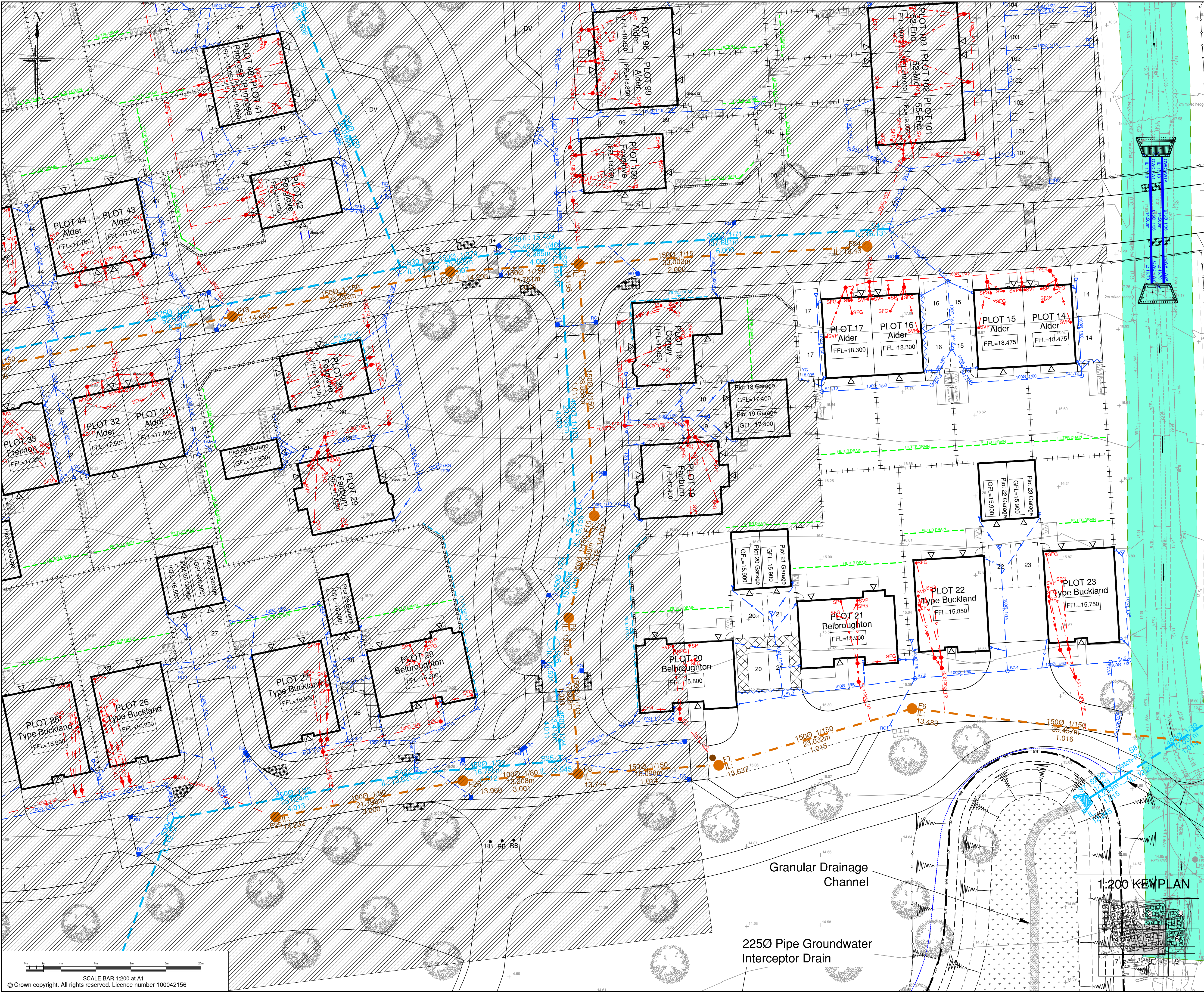




- NOTES**
1. All dimensions are in metres unless stated otherwise.
 2. Do not scale from this drawing. Only written dimensions are to be used.
 3. All SW flows shown are to be constructed in accordance with the Building Regulations & BS6301 & BS5242 Appendix C Design and Construction Guidance.
 4. All drains shown are to be constructed in accordance with the Building Regulations & BS6301 & BS5242 Appendix C Design and Construction Guidance.
 5. Drains are to be constructed using heavily jointed vitrified clay pipes to BS EN 295 1991 'Super Strength' specification (e.g. Hesporth Superstone or similar) or PVC-U where permitted by BS EN 295 1991 'Super Strength' specification in accordance with manufacturers instructions.
 6. Location of sewers & land drains to be in accordance with the BS5242 Appendix C Design and Construction Guidance Version 2.1 dated 25 May 2021 and the specific requirements of local authorities.
 7. Cover levels indicated on the Drainage Schedule are nominal & may be adjusted to suit finished ground levels and occasional traffic and A15 in pedestrian only areas.
 8. Backfilling of drain trenches adjacent to dwelling or other structure to be in accordance with BS6301 Fig. 9.
 9. Cover levels indicated on the Drainage Schedule are nominal & may be adjusted to suit finished ground levels and occasional traffic and A15 in pedestrian only areas.
 10. Generally 100mm diameter pipes are to be installed in 600mm diameter pits. SW pipes are to be 150mm diameter when serving 10 dwellings or more unless stated otherwise, or where acceptable to provide.
 11. Generally 150mm diameter pipes are to be installed in 600mm diameter pits. SW pipes are to be 150mm diameter when serving 10 dwellings or more unless stated otherwise, or where acceptable to provide.
 12. Where land drains are shown in the Architectural Details, connect them to nearest SW system.
 13. Gutters situated in areas accessible to wheeled vehicles to be of suitable construction for trafficked areas.
 14. Where land drains are shown in the Architectural Details, connect them to nearest SW system.
 15. Where catchlights have been shown in rear gardens connecting to land drains, 400mm PPC captop to be used.
 16. The drawing should be read in conjunction with the Architect's and Structural Engineer's design drawings and specification.
 17. This layout shown in this drawing is based on Current Design Partnership Site Layout Scheme 5, drawing number 21052/SL01/SL, Revision K, issued to RCP in May 2021.
 18. Site Access and Section 278 Works as per Paul Beahm Associates, drawing No. 241/02/1 K-02/1 ALTON, STRIPPED, 08.08.22 - CD/PEAF, issued to RCP in May 2021.
 19. Architectural blocks based on Current Design Partnership Substructure Layouts, drawing number 2201/SL01/16, issued to RCP in May 2021.
 20. Topographical Survey as per Premier Surveys Limited Site Survey, drawing number 0031, SITE, HT, issued to RCP in May 2021.
 21. Topographical Survey as per Premier Surveys Limited Site Survey, drawing number 0031, SITE, HT, issued to RCP in May 2021.
 22. Where backfilling is less than 1.0m for domestic drainage, backfilling to be accompanied with internal benching.
 23. All CWC works to be in accordance with Arun District Council Details. Pipe bedding of all CWC works to be according to BS6301 Fig. C.
 24. All highway side drains to be installed to drain surface water into adjoining gardens.
 25. All future private driveways, parking bays, etc. to be designed to fall surface water run-off away from 520 works. If not achievable, all width ACO drainage to be installed.
 26. All future private driveways, parking bays, etc. to be designed to fall surface water run-off away from 520 works. If not achievable, all width ACO drainage to be installed.
 27. ANY VARIANCE OR DISCREPANCY MUST BE REPORTED BACK TO RCP ENGINEERING BEFORE WORK BEGINS.

TYPE	DEPTH RANGE	DESCRIPTION	LOCATION	CODE	COVER GRADE
D	Depth from cover level to invert of pipe up to 3m	Min. 400mm diameter flexible or rigid access chamber. Rise Entry in areas subject to vehicle loading. If distance from cover level to invert of pipe is > 1m, access opening shall be restricted to 300mm x 300mm x 300mm.	Road Driveway Garden	D	D400 B105 A15
RE					Redding point at head of drain

KEY

Site Boundary

Section 278 Works By Others

Area of Phase 2 and Phase 3 design

FFL = Plot Finished Floor Level / GFL=Garage Finished Floor Level

Adaptable Surface Water Sewers (ICOSA)

Adaptable Foul Water Sewers (ICOSA)

Adaptable PCC Headwalls (ICOSA)

CWC Discretionary Works - Sewers (Arun District Council)

CWC Discretionary Works - PCC Headwalls (Arun District Council)

CWC Discretionary Works (Arun District Council)

Easement From Top of Ditch and direction of flow

Adaptable (ICOSA) Road Gully & Connection

Private Road Gully & Connection

Private Surface Water Domestic Drainage

Private Foul Water Domestic Drainage

House connection via 300mm dia. subsoil access chamber not more than 600mm deep (Based on floor make-up of 75mm screed, 25mm insulation & 150mm beam & block). In the event that conditions on site result in maximum depth of 600mm being exceeded, then Type D chambers to be used.

Internal Foul Connections

Soil Vent Pipe

Soil Pipe

Soil Floor Gully

Water Closet Pipe

Roofing Eye

'Acid' Channel (showing connecting pipe) or similar

Threshold Drain

Yard Gully and Connection

Filter Drain (showing connecting pipe with final 1.0m section of 100mm perforated UPVC pipe laid to nominal fall prior to connection to Surface Water Drainage Network).

Timber VHS with Protection Duct

600mm High Knee Railing at Attenuation Basins

Lime Rings & Deep Water Signs at Attenuation Basins

Areas of 'No Dig' Road / Parking Bay / Footpath & Footway Construction

Roof Protection Area

Tree Protection Fencing

1.1m High Timber Post & 3 Rail Fencing

Garden Filter Drain as per BDW Designs

(Design parameters and typical sections designed by BDW dated 11/07/2024).

All existing ditches and culverts being retained are to be cleaned out to the satisfaction of the ADC drainage engineer

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.

O	13.11.25	Phase 2 and 3 design shaded to show clearly the extents of Phase 1 design	Wilson/Dee Ltd.
N	08.01.25	Updated as per client comments 02.01.25	BM JC TRS
M	20.11.24	Footpath layout updated as clouded	KG JC TRS
L	10.10.24	Plan update to suit construction of basins, as per ADC comment	JC LAD TRS
K	15.08.24	SSL's removed from plan.	JC JC TRS
J	13.08.24	Additional filter drains added to back gardens as request by client	JC LD TRS
H	07.12.23	Status updated to 'For Construction'.	JC LD TRS
G	05.12.23	Plan status updated following Section 38 technical approval.	JC LAD TRS
F	14.11.23	Topo Survey Updated with ditches on boundaries.	LAD MW TRS
Rev.	Date	Details	By Chkd/Appd

Client:-

BARRATT HOMES

Site:-
Tye Lane, Walberton, West Sussex

Drawing Title:-
DOMESTIC DRAINAGE LAYOUT

SHEET 5 OF 9

Date: April 2023 Scales: 1:200 at A1

Drawn: MWM Checked: MWM Approved: LAD

Drawing No. **BSO/E5004/455 O**

FOR CONSTRUCTION

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