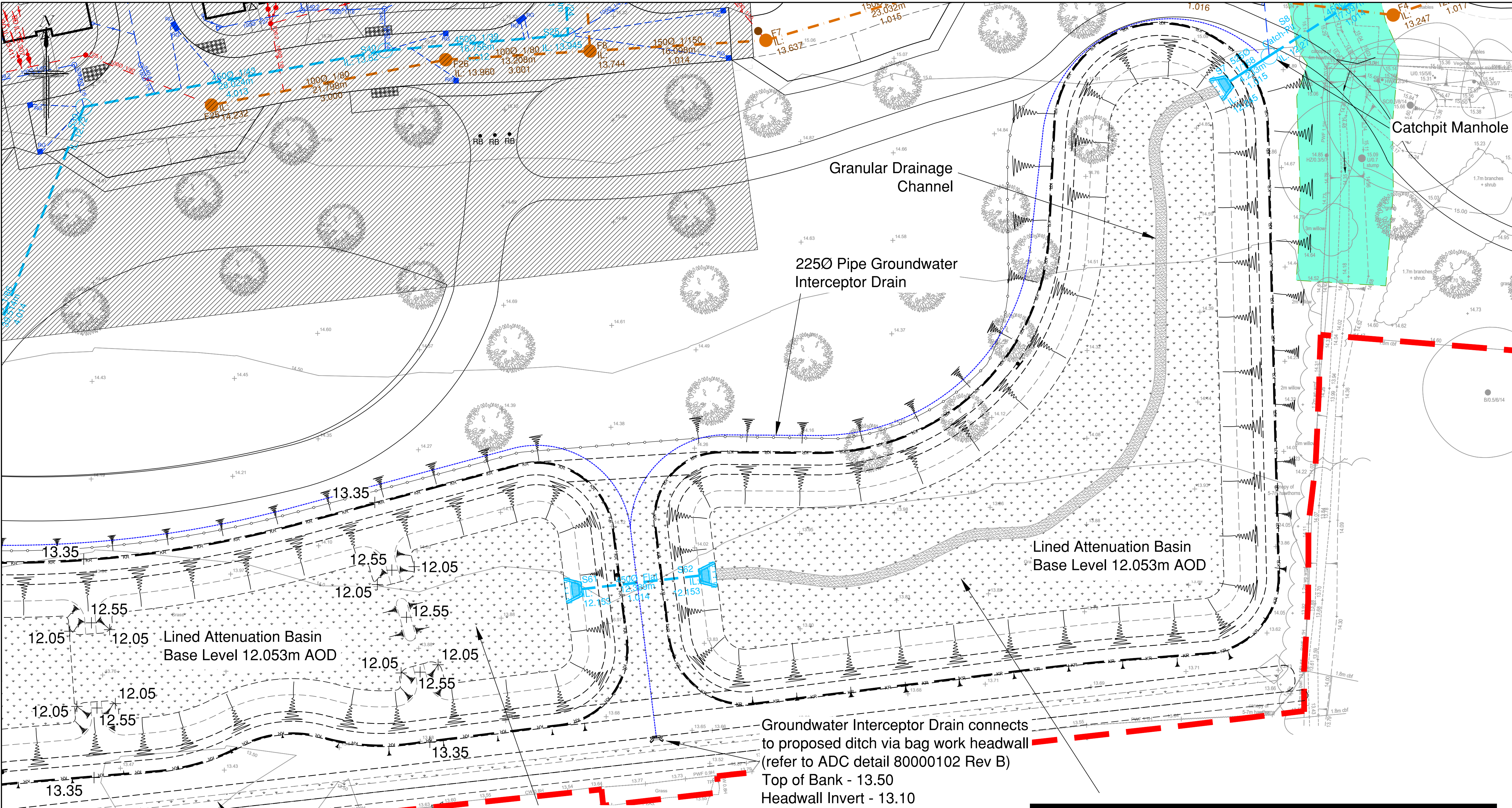
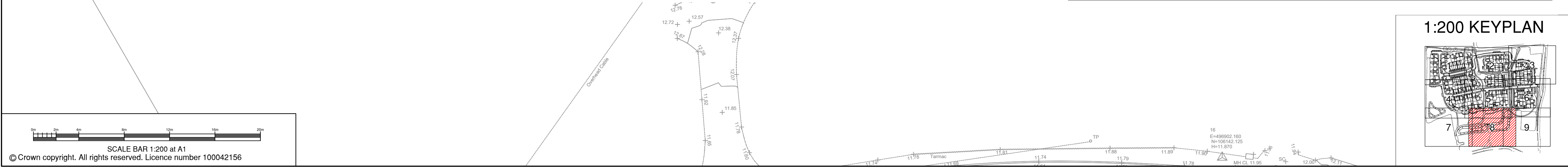




Lined Attenuation Basin Max 1 in 3 Side Slopes
Base of Basin Level = 12.053m (Volume= 1,351m³)
Area = 1,500m²
Top Water Level = 12.877m
Top of Bank = 13.353m
Freeboard = 476mm
Basin to be backfilled 600mm above liner with as dug material.
TO REMAIN PRIVATE
(For further information on basin layout refer to plan BSO-E5004-465)

Lined Attenuation Basin Max 1 in 3 Side Slopes
Base of Basin Level = 12.053m (Volume= 1,616m³)
Area = 1,687m²
Top Water Level = 12.878m
Top of Bank = 13.353m
Freeboard = 475mm
Basin to be backfilled 600mm above liner with as dug material.
TO REMAIN PRIVATE
(For further information on basin layout refer to plan BSO-E5004-465)



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. For a 50mm diameter pipe, it is to be constructed in accordance with the Building Regulations & BS5931 & SSG Appendix C Design and Construction Guidance.
4. Approved Materials 2.2 dated 25.05.2024 and the specific requirements of BS EN 12951-1 'Super Strength' specification (e.g. Hespert Superstrength or similar).
5. Drains are to be constructed using heavily perforated polypropylene (PP) pipes to BS EN 12951-1 'Super Strength' specification (e.g. Hespert Superstrength or similar).
6. Location of sewer & lateral drains to be in accordance with the SSG Appendix C Design and Construction Guidance Version 2.1 dated 25 May 2021 and the specific requirements of BS EN 12951-1.
7. Backfilling of drain trenches adjacent to dwelling or other structure to be in accordance with BS5931 Fig. 9.
8. Cover levels indicated on the Drainage Schedule are nominal & may be adjusted to suit finished ground levels on occasion.
9. 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.
10. Rainwater downpipes to be connected direct to drain using an appropriate adaptor & removable section of downpipe to permit rodding access.
11. The position of SPP, also known as WC outlets, Backfill gullies etc. & rainwater downpipes are to be accurately located from the house type working drawings.
12. Generally FW drains are to be laid to fall of 1 in 40. SW drains are to be laid to fall of 1 in 60, both in 100mm diameter pipes. SW pipes are to be 150mm diameter.
13. Where a drain is to be laid to fall of 1 in 40, SW drains are to be laid to fall of 1 in 60, both in 100mm diameter pipes. SW pipes are to be 150mm diameter.
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26. Where a drain is to be laid to fall of 1 in 40, SW drains are to be laid to fall of 1 in 60, both in 100mm diameter pipes. SW pipes are to be 150mm diameter.
27. Any VARIANCE OR DISCREPANCY MUST BE REPORTED BACK TO RCP ENGINEERING BEFORE WORK BEGINS.

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
FFL/GFL=18.000
Adaptable Surface Water Sewers (ICOSA)
Adaptable Foul Water Sewers (ICOSA)
Adaptable PCC Headwalls (ICOSA)
Adaptable Works - Sewers (Anun District Council)
Adaptable Works - PCC Headwalls (Anun District Council)
Adaptable Works (Anun District Council)
Adaptable (ICOSA) Road Gully & Connection
Private Road Gully & Connection
Private Surface Water Domestic Drainage
Private Foul Water Domestic Drainage
House connection via 200mm dia. shallow 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
Rooding Eye
Acc 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 normal fall prior to connection to Surface Water Drainage Network.
Timber VRS with Protection Rail
600mm High Knee Railing at Attenuation Basins
Life Rings & Deep Water Signs at Attenuation Basins
Areas of "No Dig" Road / Parking Bay / Footpath & Footway Construction
Root Protection Area
(Based on Barratt & Co. Landscape Architecture, Tree Protection Drawing, drawing number RCP 232 / 02, Revision 05 issued to RCP in Aug format on 25/01/2023).
Tree Protection Fencing
(Based on Barratt & Co. Landscape Architecture, Tree Protection Drawing, drawing number RCP 232 / 02, Revision 05 issued to RCP in Aug format on 25/01/2023).
1.1m Timber Post & 3 Rail Fencing
Garden Filter Drain as per BDW Designs
(Design parameters and typical sections designed by BDW dated 11/07/2024).

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.

R	13.11.25	Phase 2 and 3 design shaded to show clearly the extents of Phase 1 design	Wilson	Dee	Id.
Q	08.01.25	Updated as per client comments 02.01.25	BM	JC	TRS
P	20.11.24	Footpath layout updated as clouded	KG	JC	TRS
N	10.10.24	Plan update to suit construction of basins, as per ADC comment	JC	LAD	TRS
M	26.04.24	Concrete bag headwall detail note updated.	JC	LD	TRS
L	22.03.24	Plan updated as per ADC comments dated 08/03/24.	JC	LD	TRS
K	08.02.24	Cut-off ditch and bund arrangement updated.	JC	LAD	TRS
J	07.12.23	Status updated to 'For Construction'.	JC	LD	TRS
Rev.	Date	Details	By	Chkd	Appd

Client:-
BARRATT HOMES

Site:-
Tye Lane, Walberton West Sussex

Drawing Title:-
DOMESTIC DRAINAGE LAYOUT

SHEET 8 OF 9

Date: April 2023 Scales: 1:200 at A1
Drawn: MLM Checked: M/W Approved: LAD

Drawing No. **BSO/E5004/458 R**

FOR CONSTRUCTION

RCP Rogers Cory Partnership
Architectural and Civil Consultants
The Old School, Old School Road, Hook, Hampshire, RG27 7 9JL
T: 01256 769269 E: mail@rcpconsultants.co.uk W: rcpconsultants.co.uk