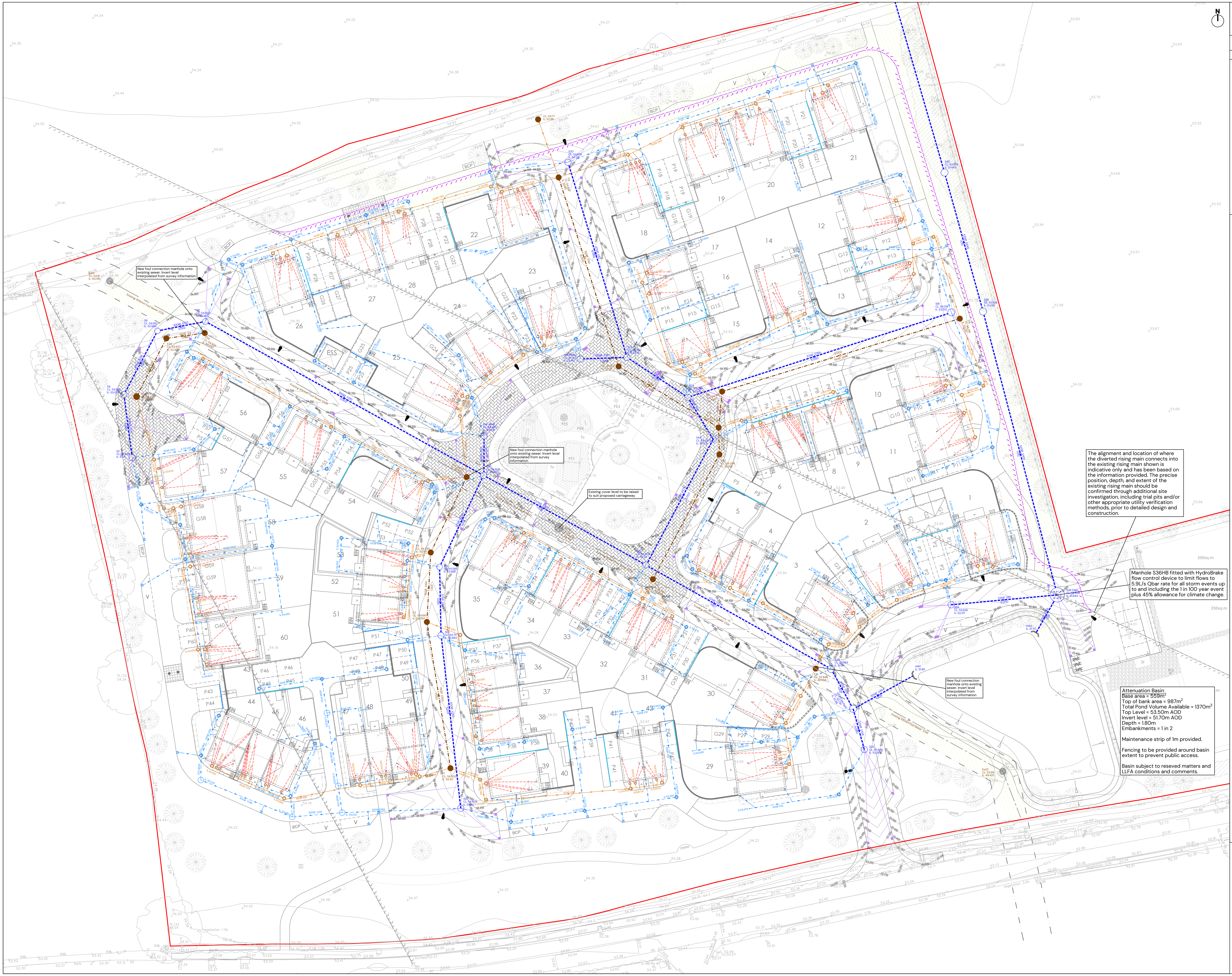

New foul connection manhole onto existing sewer. Invert level interpolated from survey information

New foul connection manhole onto existing sewer. Invert level interpolated from survey information

Existing cover level to be raised to suit proposed carriageway

New foul connection manhole onto existing sewer. Invert level interpolated from survey information

The alignment and location of where the diverted rising main connects into the existing rising main shown is indicative only and has been based on the information provided. The precise position, depth, and extent of the existing rising main should be confirmed through additional site investigation, including trial pits and/or other appropriate utility verification methods, prior to detailed design and construction.

Manhole S36HB fitted with HydroBrake flow control device to limit flows to 5.9L/s Qbar rate for all storm events up to and including the 1 in 100 year event plus 45% allowance for climate change.

SUBJECT TO TECHNICAL APPROVAL

Attenuation Basin
Base area = 559m^2
Top of bank area = 987m^2
Total Pond Volume Available = 1370m^3
Top Level = 53.50m AOD
Invert level = 51.70m AOD
Depth = 1.80m
Embankments = 1 in 2

Maintenance strip of 1m provided.

Fencing to be provided around basin extent to prevent public access.

Basin subject to reseved matters and LLFA conditions and comments.

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1:250
0 10m 25m

NOTES:

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HIGHWAY NOTES:

1. Prior to road construction, Wiltshire council must be contacted to establish required CBR testing methodology. Wiltshire Council to witness all CBR testing carried out.
2. All highway works for adoption to be in accordance with Wiltshire Council specifications and the Specification for Highways Works: Volume 1.
3. The Developer shall take CBR tests of road formation levels and results to be made available to Pegasus Group for approval.
4. New road levels to tie in smoothly with existing road, levels to be confirmed prior to construction and reported to Pegasus Group.

DRAINAGE WORKS

5. All drainage to be laid soffit to soffit unless otherwise shown.
6. All drainage for adoption is to comply with the Design and Construction Guidance (DCG). All private drainage is to comply with the current Building Regulations, BS EN-752 Drain and Sewer systems outside buildings and other relevant British Standards and Codes of Practice.
7. Land drainage to be connected to bed and surround of nearest and most convenient private drainage run. Land drain is not to be connected to the positive drainage system.
8. S104 drainage manholes to be concrete CPM or similar approved and inspection chambers to be of plastic construction to BS 7158 with integral seals.
9. All drainage not complying with minimum covers shown in the DCG is to have concrete surround protection.
10. Drainage channels next to adopted roads to be positioned in private areas (at top of kerb levels)
11. All FW pipes to be plastic as per the DCG.
12. All SW pipes to be structured wall plastic as per the DCG.
13. Private house and drive drainage will be plastic . Diameter 100mm unless otherwise shown. FW lateral drains min gradient 1:80 (less than 1 toilet connected) and 1:40 otherwise. SW lateral drains min gradient 1:100.
14. Channel drain to be located at plot entrances when they are lower than external levels.
15. For private pipes where cover is less than 900mm in vehicular areas or 600mm in other areas protection should be provided by either a concrete bridging slab or concrete surround (refer to private construction details drawing).
16. Where more than one vehicle will track inspection and access chambers, these are to be cast iron B125 cover and frame (not plastic).
17. It is the appointed groundwork contractors responsibility to apply for a S106 licence to South West Water to obtain permission to connect into any public sewer before connecting any drainage to the public sewer".
18. Sewers shown indicatively and are subject to approval by the local Water Authority or chosen NAV.

GENERAL KEY

Red Line Boundary

DRAINAGE KEY

Proposed Adoptable S104 surface sewer
(Refer to manhole schedule for ring Ø)

Proposed Adoptable S104 foul sewer
(Refer to manhole schedule for ring Ø)

Proposed Highway adoptable surface sewer
(Refer to manhole schedule for ring Ø)

Highway adoptable road type g1 gully
(150mmØ pipe connection)

Private FW inspection chamber
(PVCu Ø450mm Max 1.2m depth-reduced access to 3.0m)

Private FW inspection chamber
(PVCu 300mm DIA. Max 1.2m depth)

Private SW inspection chamber
(PVCu Ø450mm Max 1.2m depth-reduced access to 3.0m)

IL:54.225 Rodding eye
(Depth to invert is 0.7m in gardens and 1m in driveways unless otherwise shown)

Yard Gully

Cast iron channel - ACO or similar
(Where driveway falls towards plot/garage. Size to suit downstream pipe and grating to suit Load Class. Install Channel Drain where paths fall towards entrances - not shown on drawing)

Concrete dished channel
(Where driveway falls towards adopted road.Size to suit downstream pipe)

Existing Rising Main

New Diverted Rising Main

Rising Main to be Abandoned

Existing 300mm Foul Sewer

Existing Foul Sewer Manhole

Lighting Column

REV	DATE	DESCRIPTION	REVISED	CHECKED	APPROVED
P3	22.07.2026	UPDATED TO SUIT S38/S104 UPDATES	DK	SOM	TG
P2	10.07.2026	UPDATED FOLLOWING CLIENT'S COMMENTS	DK	SOM	TG
P1	02.07.2026	INITIAL ISSUE	AJM	SOM	TG

DETAILED DRAINAGE DESIGN
SHEET 1

Land at High Street
Sutton Benger

CLIENT:
Charles Church

DATE: JULY 2026
SCALE: 1:250@AO
DRAWN BY: AJM
CHECKED BY: SOM
APPROVED BY: TG

DRAWING NUMBER: P25-2384- PEG -XX-XX-DR-C- 1420 -P3
PG OFFICE / TEAM: SOL/BRS

PEGASUS REF No: P25-2384
DRAWING STATUS: DETAILED DESIGN

PEGASUS GROUP