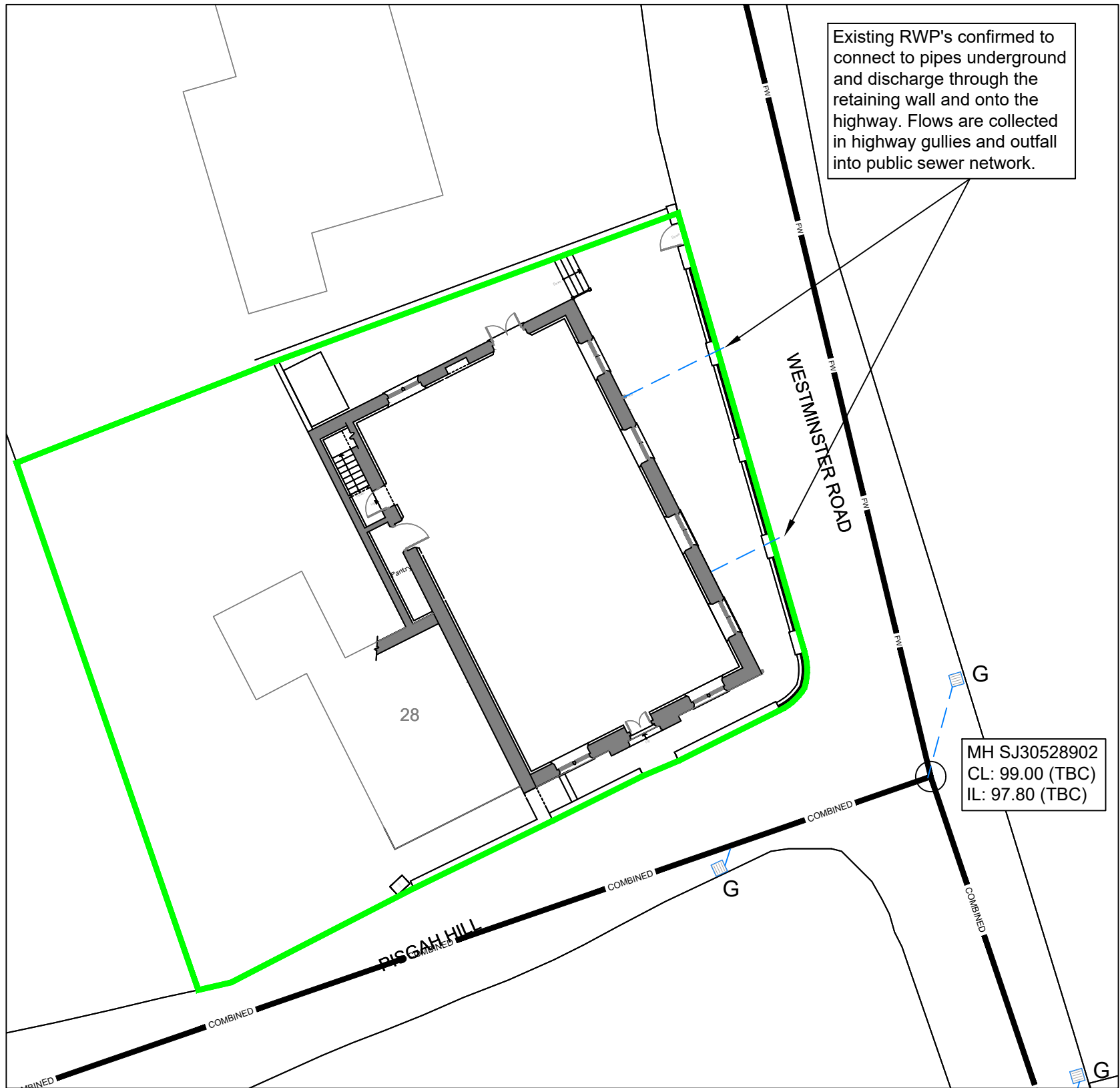
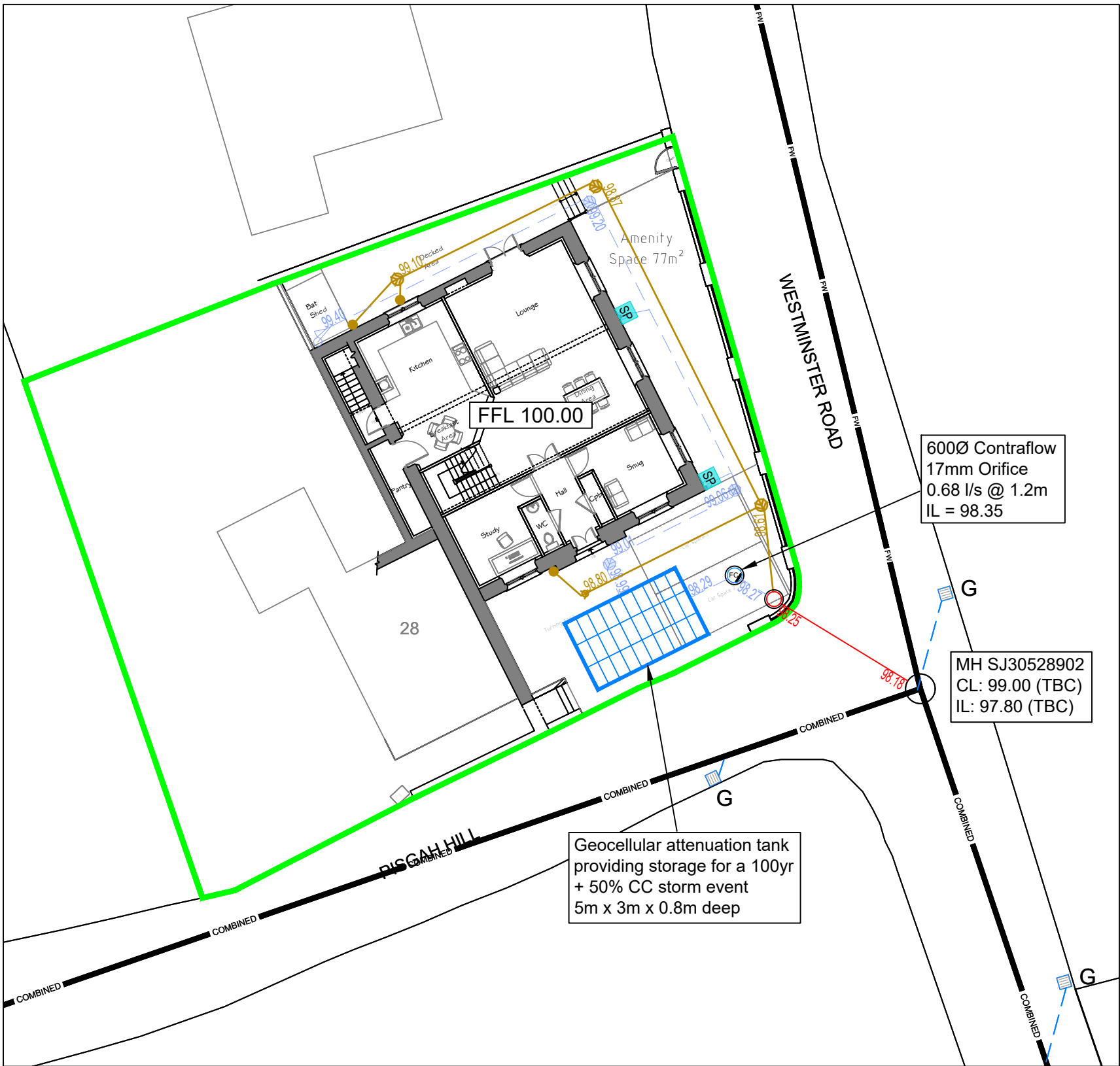


DO NOT SCALE



Existing Drainage
Scale 1:200



Proposed Drainage
Scale 1:200

Maintenance / Responsibilities
Adoption and maintenance of all surface water components serving 2 or more properties subject to SAB approval.

Client are proposing to set up a 'Private Management Company' to maintain the SAB approved surface water network in the future.
WCBC SABS require details of the Management Company

Pipes and manholes:
All piped networks to have CCTV survey at end of construction activities. Any debris to be removed. Future maintenance to involve inspections to ensure no silt build ups within network.
SUDS Management Plan to be produced to address frequency and type of maintenance activities

Geocellular Storage Tank:
To be maintained by private 'Management Company'
SUDS Management Plan to be produced to address frequency and type of maintenance activities

Flow Control:
To be maintained by private 'Management Company'
SUDS Management Plan to be produced to address frequency and type of maintenance activities.

Legend

- | | |
|-------------------------------|-------------------------------------|
| | Site Boundary |
| | Existing FW Sewer |
| | Existing Combined Sewer |
| Proposed Plot Drainage | |
| | Surface Water Drain |
| | Foul Water Drain |
| | Combined Water Drain |
| | SVP |
| | RWP |
| | Rodding Eye |
| | Raised Planter (Discharge from RWP) |

Drainage Strategy

Existing Drainage

We understand surface water flows discharge onto Westminister road, flows are collected in highway gullies and outfall into the public sewer network.

Proposed Foul

A gravity connection from the development is achievable to discharge into the existing WW combined sewer. We are proposing to re-use the existing lateral subject to Welsh Water approval via a S104 Application.

Proposed Surface Water

- Collection for re-use**
Water butts to be installed to rear RWP's on individual properties for garden re-use.
- Infiltration**
Trial excavations have confirmed the ground is underlain with cohesive strata and therefore infiltration is not suitable for the development.
- Watercourse**
No open/culverted watercourses are present within the vicinity of the development site.
- Highway Drain**
No highway drains are present within the vicinity of the development site.
- Surface Water Sewers**
No surface water sewers are present within the vicinity of the development site.
- Combined Sewer**
We are currently proposing to connect surface water into the combined sewer in Westminister Road at a restricted flow rate.

STRATEGY



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Park House
Sandpiper Court
Chester Business Park
Chester
CH4 9QU

Client

Blueprint Architectural Services

Project

Salem Chapel, Pentre Broughton,
Wrexham.

Title

Existing & Proposed
Drainage Strategy

DRAWING NUMBER

8053 / SK02

SCALE at A2

1:200

DATE

16.10.23

DRAWN

PJN

CHECKED

AJ

REVISION

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