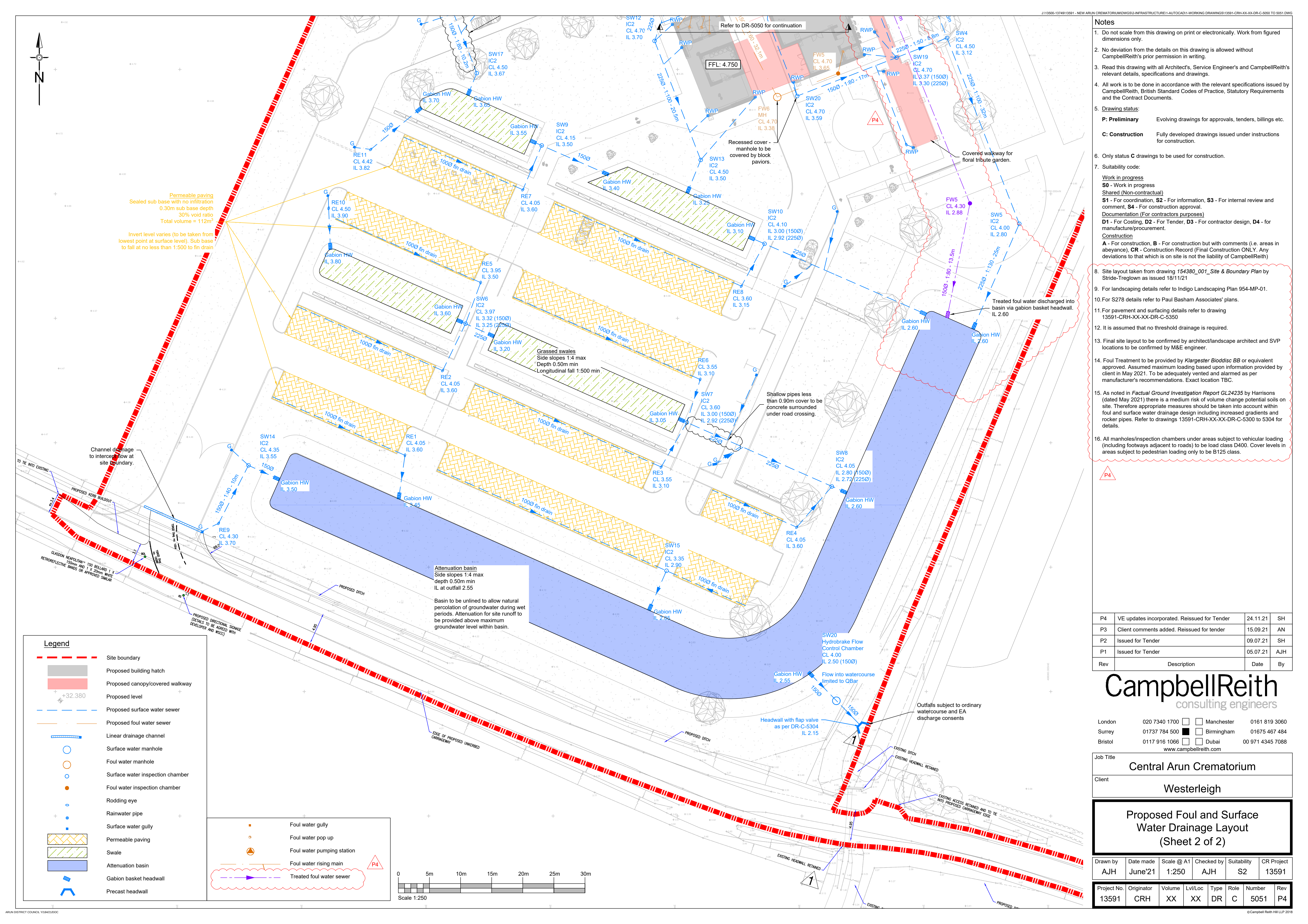




Permeable paving
Sealed sub base with no infiltration
0.30m sub base depth
30% void ratio
Total volume = 112m³

Invert level varies (to be taken from
lowest point at surface level). Sub base
to fall at no less than 1:500 to fin drain

Legend

Site boundary

Proposed building hatch

Proposed canopy/covered walkway

Proposed level

Proposed surface water sewer

Proposed foul water sewer

Linear drainage channel

Surface water manhole

Foul water manhole

Surface water inspection chamber

Foul water inspection chamber

Rodding eye

Rainwater pipe

Surface water gully

Permeable paving

Swale

Attenuation basin

Gabion basket headwall

Precast headwall

Foul water gully

Foul water pop up

Foul water pumping station

Foul water rising main

Treated foul water sewer

- Notes**
1. Do not scale from this drawing on print or electronically. Work from figured dimensions only.

2. No deviation from the details on this drawing is allowed without CampbellReith's prior permission in writing.

3. Read this drawing with all Architect's, Service Engineer's and CampbellReith's relevant details, specifications and drawings.

4. All work is to be done in accordance with the relevant specifications issued by CampbellReith, British Standard Codes of Practice, Statutory Requirements and the Contract Documents.

5. **Drawing status:**
P: Preliminary Evolving drawings for approvals, tenders, billings etc.
C: Construction Fully developed drawings issued under instructions for construction.

6. Only status C drawings to be used for construction.

7. Suitability code:
Work in progress
S0 - Work in progress
Shared (Non-contractual)
S1 - For coordination, **S2** - For information, **S3** - For internal review and comment, **S4** - For construction approval.
Documentation (For contractors purposes)
D1 - For Costing, **D2** - For Tender, **D3** - For contractor design, **D4** - for manufacture/procurement.
Construction
A - For construction, **B** - For construction but with comments (i.e. areas in abeyance), **CR** - Construction Record (Final Construction ONLY). Any deviations to that which is on site is not the liability of CampbellReith)

8. Site layout taken from drawing 154380_001_Site & Boundary Plan by Stride-Treglown as issued 18/11/21

9. For landscaping details refer to Indigo Landscaping Plan 954-MP-01.

10. For S278 details refer to Paul Basham Associates' plans.

11. For pavement and surfacing details refer to drawing 13591-CRH-XX-XX-DR-C-5350

12. It is assumed that no threshold drainage is required.

13. Final site layout to be confirmed by architect/landscape architect and SVP locations to be confirmed by M&E engineer.

14. Foul Treatment to be provided by *Klargester Biodysc BB* or equivalent approved. Assumed maximum loading based upon information provided by client in May 2021. To be adequately vented and alarmed as per manufacturer's recommendations. Exact location TBC.

15. As noted in *Factual Ground Investigation Report GL24235* by Harrisons (dated May 2021) there is a medium risk of volume change potential soils on site. Therefore appropriate measures should be taken into account within foul and surface water drainage design including increased gradients and rocker pipes. Refer to drawings 13591-CRH-XX-XX-DR-C-5300 to 5304 for details.

16. All manholes/inspection chambers under areas subject to vehicular loading (including footways adjacent to roads) to be load class D400. Cover levels in areas subject to pedestrian loading only to be B125 class.

P4	VE updates incorporated. Reissued for Tender	24.11.21	SH
P3	Client comments added. Reissued for tender	15.09.21	AN
P2	Issued for Tender	09.07.21	SH
P1	Issued for Tender	05.07.21	AJH
Rev	Description	Date	By

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Job Title

Central Arun Crematorium

Client

Westerleigh

Proposed Foul and Surface Water Drainage Layout

(Sheet 2 of 2)

Drawn by

Date made

Scale @ A1

Checked by

Suitability

CR Project

AJH

June'21

1:250

AJH

S2

13591

Project No.

Originator

Volume

Lvl/Loc

Type

Role

Number

Rev

13591

CRH

XX

XX

DR

C

5051

P4