

Drawings issued for construction, subject to change following any further requirements from Local Planning Authority pertaining to discharge of planning conditions 8 and 10 under planning permission Y/55/22/DOC.

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
- Permeable paving sub base formation level
- Foul water gully
- Foul water pop up
- Foul water pumping station
- Foul water rising main
- Treated foul water sewer
- 75mm diameter perforated tree drainage (as specified by landscape architect).

Notes

- Do not scale from this drawing on print or electronically. Work from figured dimensions only.
- No deviation from the details on this drawing is allowed without CampbellReith's prior permission in writing.
- Read this drawing with all Architect's, Service Engineer's and CampbellReith's relevant details, specifications and drawings.
- 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.
- Drawing status:**
 - P: Preliminary** Evolving drawings for approvals, tenders, billings etc.
 - C: Construction** Fully developed drawings issued under instructions for construction.
- Only status C drawings to be used for construction.
- 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)
- Site layout taken from drawing 154380_001_C02_Site & Boundary Plan by Stride-Treglown as issued 16/08/22.
- For landscaping layout refer to Indigo Landscaping Plan 954-GA-01_E CONST. For details of tree pit drainage, refer to plan 954-D-01_C CONST.
- For S278 details refer to Paul Basham Associates' plans.
- For pavement and surfacing details refer to drawing 13591-CRH-XX-XX-DR-C-5350
- It is assumed that no threshold drainage is required.
- Final site layout to be confirmed by architect/landscape architect and SVP locations to be confirmed by M&E engineer.
- Foul Treatment to be provided by Klargestor Bloddisc 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.
- As noted in Factual Ground Investigation Report GL24235 by Harrison's (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.
- 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.
- Pipes with no specified diameter are to be 150mm for surface and 100mm for foul unless specified otherwise.

C5	FW drainage and PTP details revised.	26.09.22	JA
C4	FW drainage updated to suit as built info. PTP location updated. Issued for Construction.	16.09.22	JK
C3	Foul and surface manhole references updated. Tree positions updated and tree drainage added as per landscape architects' plan	12.07.22	JK
C2	Sub-station location revised as per M&E drawings and other minor updates	28.06.22	JA
C1	Issued for construction.	16.05.22	JA
P8	Minor updates to match modelling	04.05.22	JA
P7	Revised to suit LLFA comments - permeable paving FLs and channel drain CLs added	08.04.22	JA
P6	Revised to suit LLFA comments	21.01.22	SH
P5	RWP added as clouded. Reissued for Tender	25.11.21	AJH
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 1 of 2)

Drawn by	Date made	Scale @ A1	Checked by	Suitability	CR Project
AJH	June'21	1:250	AJH	A	13591

Project No.	Originator	Volume	Lvl/Loc	Type	Role	Number	Rev
13591	CRH	XX	XX	DR	C	5050	C5