



New canopy to reuse existing canopy RWP's drainage on a like for like basis. Existing drainage to be surveyed and traced prior to reuse

Attenuation tank to provide 52.5m² x 1.2m³ = 63m³ of storage. Anti floating measures required due to high water table. Please refer to drawing 186NB-CRH-ZZ-00-DR-C-5302 for details. A 300 mm thick concrete slab will be required for anti floating measures.

Pump and emergency storage tank.
1.8Ø x 2.68mL horizontal tank (Spel 300) and foul water pump chamber.

- Twin pumps (duty and standby)
- Foul flow 4.77l/s
- 1200Ø GPR pump chamber
- Control kiosk
- High level alarm
- 5m³ emergency storage capacity

- ### 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

Key

	Proposed surface water drainage
	Proposed surface water manhole and inspection chamber
	Proposed surface water pump station
	Proposed surface water hydrobrake chamber
	Attenuation tank
	Proposed foul water drainage
	Proposed foul inspection chamber and insitu manhole
	Proposed foul water pump station
	Proposed foul water emergency storage tank
	ACO channel with sump unit
	Unknown service to be investigated
	Rainwater pipe
	Soil vent pipe
	Waste vent pipe
	Foul gully
	Existing drainage
	Back Drop Connection

Rev	Description	Date	By
C5	Updated drainage - as clouded	18/07/23	AD
C4	Updated attenuation tank- as clouded	22/06/23	AD
C3	Updated pipe size - as clouded	22/03/23	AD
C2	New location of attenuation to suit existing services	17/03/23	AD
C1	Issued for Construction	20/01/23	AD

CampbellReith

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Job Title: **St Joan of Arc School**
Client: **Kier**

Proposed Drainage Plan

Drawn by	Date made	Scale @ A1	Checked by	Suitability	CR Project
OS	16/02/22	1:100	MJE	A1	12970

Project No.	Originator	Volume	Lvl/Loc	Type	Role	Number	Rev
12970	CRH	XX	00	DR	C	5050	C5

ESFA PROJECT No.
PSBP2 186