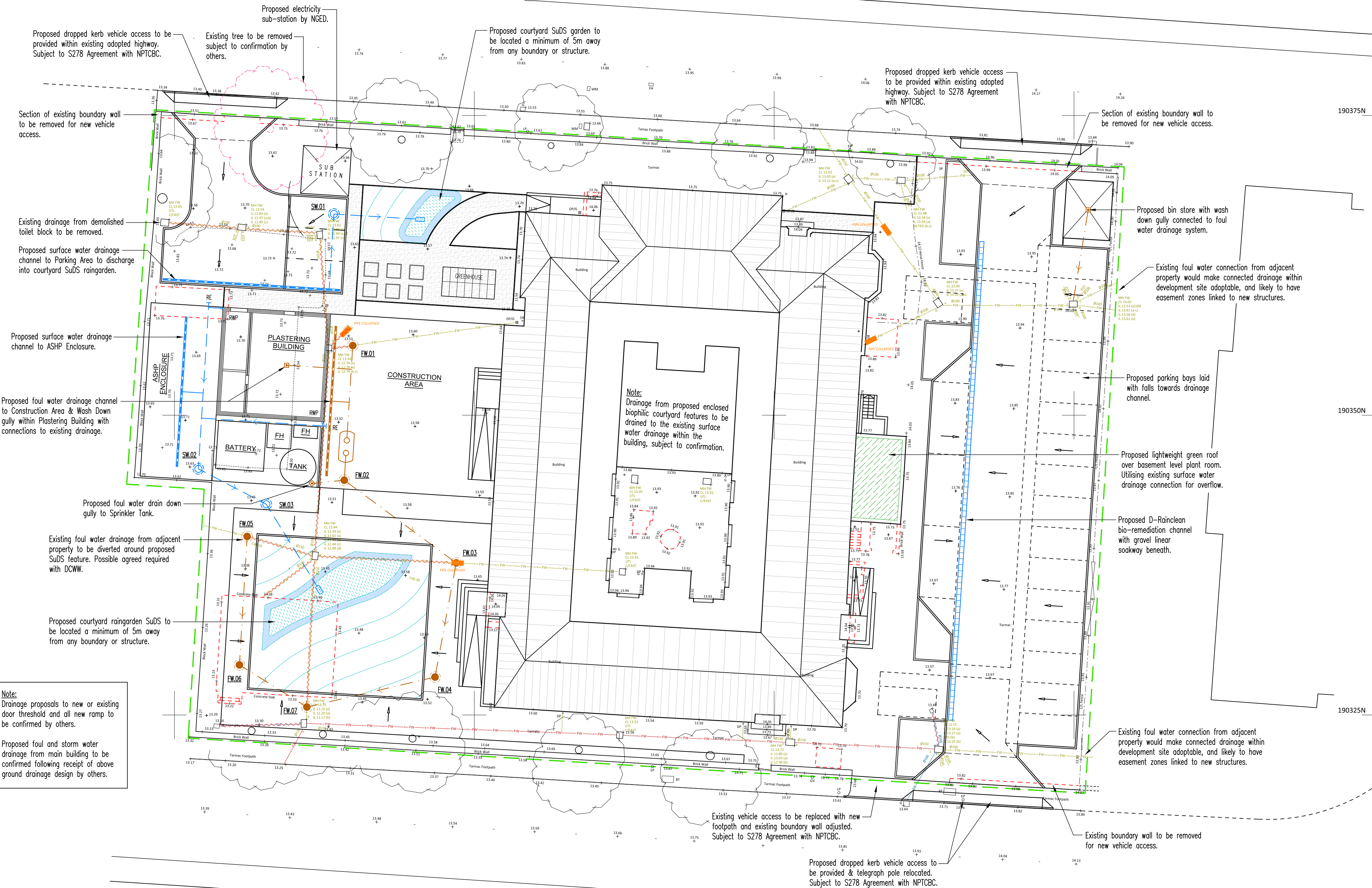


LEGEND:

- Existing Surface Water Drainage.
- Existing Foul Water Drainage.
- Existing Combined Drainage.
- Proposed Surface Water Drainage.
- Proposed Foul Water Drainage.
- Proposed Wash Down Interceptor.

NOTES:

- All dimensions are in millimetres. All levels are in metres.
- This drawing is not to be scaled, use figured dimensions only.
- Prior to excavation care must be taken to locate and clearly mark all existing services.
- All existing drainage where blocked or silted to be cleaned and fully surveyed to determine exact usage.
- Where drainage is confirmed as redundant, it is to be either capped off or removed.
- Where existing drainage is in a poor state of repair replacement pipework to match existing is to be installed. Refer to RSP Drainage Limited report dated 30.06.2025 for drainage condition survey.



Note:
Drainage proposals to new or existing door threshold and all new ramp to be confirmed by others.

Proposed foul and storm water drainage from main building to be confirmed following receipt of above ground drainage design by others.

CDM BOX	
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION	
In addition to the hazards / risks normally associated with the types of work detailed on this drawing, note the following:	
Construction	
01	LIVE SERVICES WITHIN SITE BOUNDARY.
02	GROUND CONTAMINATION, REFER TO SITE INVESTIGATION REPORT.
03	UXO, REFER TO SITE INVESTIGATION REPORT.
Maintenance / Cleaning	
Decommissioning / Demolition	

P2	10.09.25	JJD	RIBA Stage 3 Issue.
P1	18.08.25	JJD	Preliminary Issue.
REV.	DATE	DRAWN	REVISION

DRAWING ISSUE STATUS			
☒ PRELIMINARY ISSUE	☐ DESIGN DEVELOPMENT PRIOR TO TENDER	☐ TENDER ISSUE	☐ DESIGN DEVELOPMENT PRIOR TO CONSTRUCTION
☐ CONSTRUCTION ISSUE	☐ AS BUILT ISSUE		

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CLIENT: **Tilbury Douglas**

PROJECT: **EDUCATION LIBRARY & RESOURCE CENTRE**

TITLE: **PROPOSED DRAINAGE PLAN**

DATE: AUG. 2025	DRAWN: JJD	CHECKED: AS	SCALE: 1:200 @ A1
PROJECT: 100654	ORIGIN: AUS	ZONE: XX	LEVEL: XX
		TYPE: D	ROLE: C
		NUMBER: 1001	CODE: S1
			REV: P2

DRAINAGE STRATEGY HIERARCHY

Priority Level 1 - Collected for Re-Use

Sections of new flat roof areas to internal courtyard within building footprint drained to proposed above ground Rainwater Harvesting Tank within Plant Room. To feed grey water to proposed toilets. RWHT size to be designed at pre-construction stage by specialist.

Priority Level 2 - Infiltrating to ground

Based upon on site percolation testing existing ground conditions would allow surface water to be disposed of via infiltrating SuDS features. Such as Courtyard SuDS Raingardens proposed. NRW flood risk maps show no flooding issues on site or to surrounding areas.

Priority Level 3 - Discharge to Surface Water Body

The River Afan is located approx. 40m south-east of the south-east corner of the site and should priority levels 1&2 prove unviable a piped connection to this waterbody may be possible, subject to NRW approval and legal agreements over third party land.

Priority Level 4 - Discharge to Surface Water Sewer

From information supplied no dedicated surface water sewer or highway sewer are present within close proximity to site.

Priority Level 5 - Discharge to Combined Sewer

From information supplied a combined sewer is present within Villiers Street north of the site, and existing site drainage also combines within the southern site boundary and discharges to an unknown sewer in Reginald Street to the south.