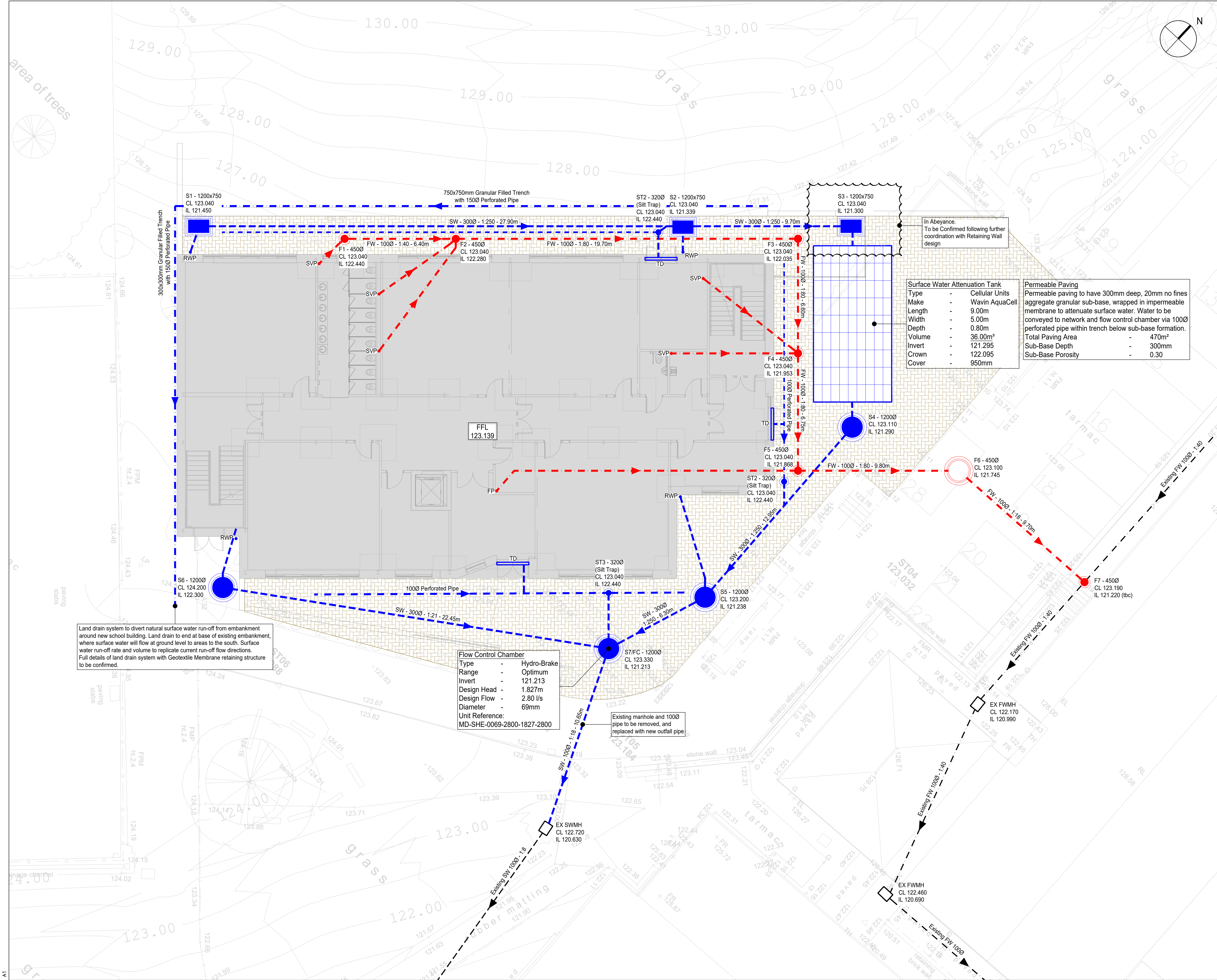




- NOTES :**
- 1. IF THIS DRAWING HAS BEEN RECEIVED ELECTRONICALLY IT IS THE RECIPIENTS RESPONSIBILITY TO PRINT THE DOCUMENT TO THE CORRECT SCALE
 - 2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE. IT IS RECOMMENDED THAT INFORMATION IS NOT SCALED OFF THIS DRAWING
 - 3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS

Legend

- Proposed Surface Water Drainage
- Perforated Pipe in Paving System
- Existing Surface Water Drainage
- Existing Foul Water Drainage
- Permeable Paving
- Development Extents Boundary

Site Specific Drainage Notes:

Rainwater pipe and internal foul locations to be confirmed by Architect. Discrepancies to be brought to CCS Consulting attention prior to the commencement of drainage works.

Final external levels to be confirmed. Levels currently based on topographical survey levels and finished floor level. Manhole and inspection cover levels subject to change once final external levels are known.

Existing land drainage (to which the proposed is connecting / discharging) location and depth to be confirmed prior to the commencement of any drainage works.

All foul water pipes to be 1000, and all surface water pipes to be 1500 unless shown otherwise.

Foul water down pipes to have rest bend invert of 450mm below finished floor level, unless stated otherwise.

Rainwater pipe to have rest bend invert of 600mm below finished floor level unless stated otherwise.

Drainage Specifications

Refer to CCS Consulting Drainage Specification.

Surface Water Attenuation Tank

Type	-	Cellular Units
Make	-	Wavin AquaCell
Length	-	9.00m
Width	-	5.00m
Depth	-	0.80m
Volume	-	36.00m³
Invert	-	121.295
Crown	-	122.095
Cover	-	950mm

Permeable Paving

Permeable paving to have 300mm deep, 20mm no fines aggregate granular sub-base, wrapped in impermeable membrane to attenuate surface water. Water to be conveyed to network and flow control chamber via 1000 perforated pipe within trench below sub-base formation.

Total Paving Area	-	470m ²
Sub-Base Depth	-	300mm
Sub-Base Porosity	-	0.30

Land drain system to divert natural surface water run-off from embankment around new school building. Land drain to end at base of existing embankment, where surface water will flow at ground level to areas to the south. Surface water run-off rate and volume to replicate current run-off flow directions. Full details of land drain system with Geotextile Membrane retaining structure to be confirmed.

Flow Control Chamber

Type	-	Hydro-Brake
Range	-	Optimum
Invert	-	121.213
Design Head	-	1.827m
Design Flow	-	2.80 l/s
Diameter	-	69mm

Unit Reference:
MD-SHE-0069-2800-1827-2800

Existing manhole and 1000 pipe to be removed, and replaced with new outfall pipe