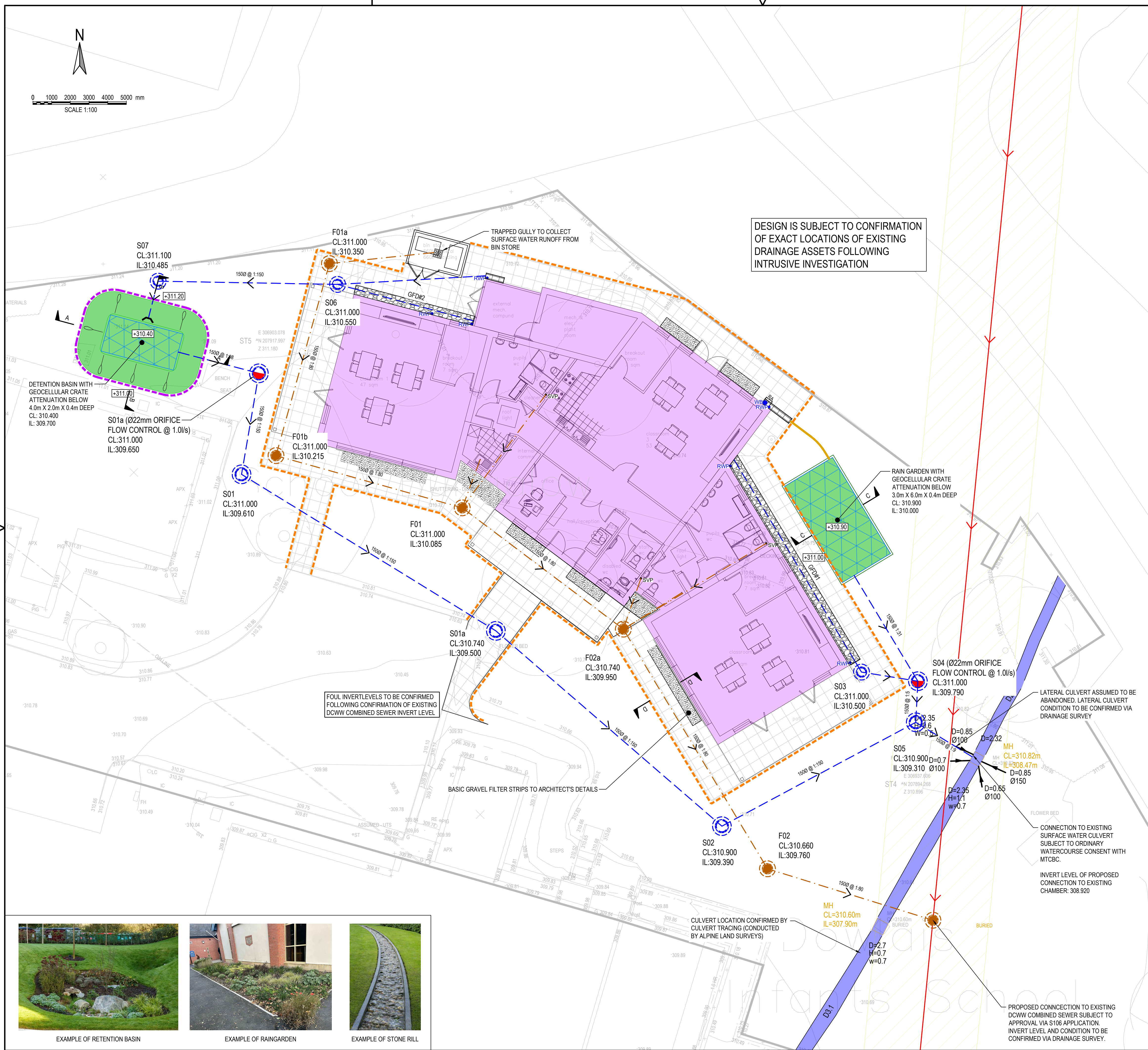




RAIN GARDEN WITH
GEOCELLULAR CRATE
ATTENUATION BELOW
3.0m X 6.0m X 0.4m DEEP
CL: 310.900
IL: 310.000

BASIC GRAVEL FILTER STRIPS TO ARCHITECT'S DETAILS -

CULVERT LOCATION CONFIRMED BY
CULVERT TRACING (CONDUCTED
BY ALPINE LAND SURVEYS)

LATERAL CULVERT ASSUMED TO BE ABANDONED. LATERAL CULVERT CONDITION TO BE CONFIRMED VIA DRAINAGE SURVEY

CONNECTION TO EXISTING
SURFACE WATER CULVERT
SUBJECT TO ORDINARY
WATERCOURSE CONSENT WITH
MTCBC.

INVERT LEVEL OF PROPOSED
CONNECTION TO EXISTING
CHAMBER: 308.920

PROPOSED CONNECTION TO EXISTING
DCWW COMBINED SEWER SUBJECT TO
APPROVAL VIA S106 APPLICATION.
INVERT LEVEL AND CONDITION TO BE
CONFIRMED VIA DRAINAGE SURVEY.

 PROPOSED SURFACE WATER DRAINAGE

 PROPOSED FOUL WATER DRAINAGE

 PROPOSED RAINWATER PIPE

 PROPOSED WATER BUTT

 PROPOSED SOIL & VENT PIPE

 PROPOSED TRAPPED GULLY

 DENOTES CATCH PIT

 DENOTES FLOW CONTROL CHAMBER

 PROPOSED ACO DRAINAGE CHANNEL

 DENOTES OVERRIDGE DRAINAGE. REFER SECTION D-D DETAIL ON DRAWING 16691/C504

 GEO-CELLULAR TANK 1 IN 100 YEAR EVENT WITH ACCESS POINTS

 STONE RILL

 RAIN GARDEN WITH OVERFLOW/RODDING PIPE AND PERFORATED COLLECTOR PIPE

 GRAVEL FILTER DRAIN WITH PERFORATE COLLECTOR PIPE

 DETENTION BASIN

 FENCE AROUND DETENTION BASIN

 EXISTING DCWW COMBINED SEWER WITH EXISTING EASEMENT

 EXISTING CULVERT, LOCATION CONFIRMED ON SITE BY ALPINE LAND SURVEYORS VIA TRACING

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE SHOWN IN METRES UNLESS NOTED OTHERWISE.
3. DO NOT SCALE FROM THE DRAWING. USE FIGURED DIMENSIONS ONLY.
4. ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
5. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS, SUBCONTRACTORS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.
6. EXISTING SERVICES HAVE NOT BEEN SHOWN BUT ARE PRESENT - THE CONTRACTOR IS TO LIAISE WITH ALL STATUTORY AUTHORITIES PRIOR TO THE COMMENCEMENT OF ANY WORKS.
7. TEMPORARY WORKS DESIGN BY OTHERS.
8. DESIGN RISK ASSESSMENTS AND METHOD STATEMENTS ARE TO BE PROVIDED TO THE PRINCIPLE CONTRACTOR PRIOR TO THE COMMENCEMENT OF ANY WORKS.

1. PROPOSALS SUBJECT TO FULL SAB APPLICATION.
2. DESIGN IS BASED ON DISCHARGE RATE OF 0.5l/s.
3. ATTENUATION DESIGNED FOR Q100 + 30% EVENT.
4. TOTAL CATCHMENT AREA = 323m².
5. DISCHARGE OF WATER FROM PROPOSED SURFACE WATER SEWER INTO CULVERTED WATERCOURSE TO BE APPROVED VIA ORDINARY WATERCOURSE CONSENT.
6. NO ALLOWANCE FOR URBAN CREEP AS DEVELOPMENT TO MAXIMISE SPACE AVAILABLE.

APPROVAL

[illegible]

Client
MERTHYR TYDFIL COUNTY
BOROUGH COUNCIL

Project
NEW BUILD CLASSROOMS
TY DYSGU PRIMARY SCHOOL,
DOWLAIS

Title	DRAINAGE LAYOUT
-------	-----------------



29 Bocam Park, Old Field Road, Pencoed, Bridgend CF35 5LJ.
Phone: 01656 863794 Email: enquiries@vale-consultancy.co.uk

date	drawn	checked	approved
03.02.23	RM	SH	03.02.23
scale @ A1		project no.	
1:100		16691	
status	drg. no.		rev.
A	16691/C500		08

A - Approval, AB - As-Built, C - Construction, D - Draft, P - Preliminary, T - Tender