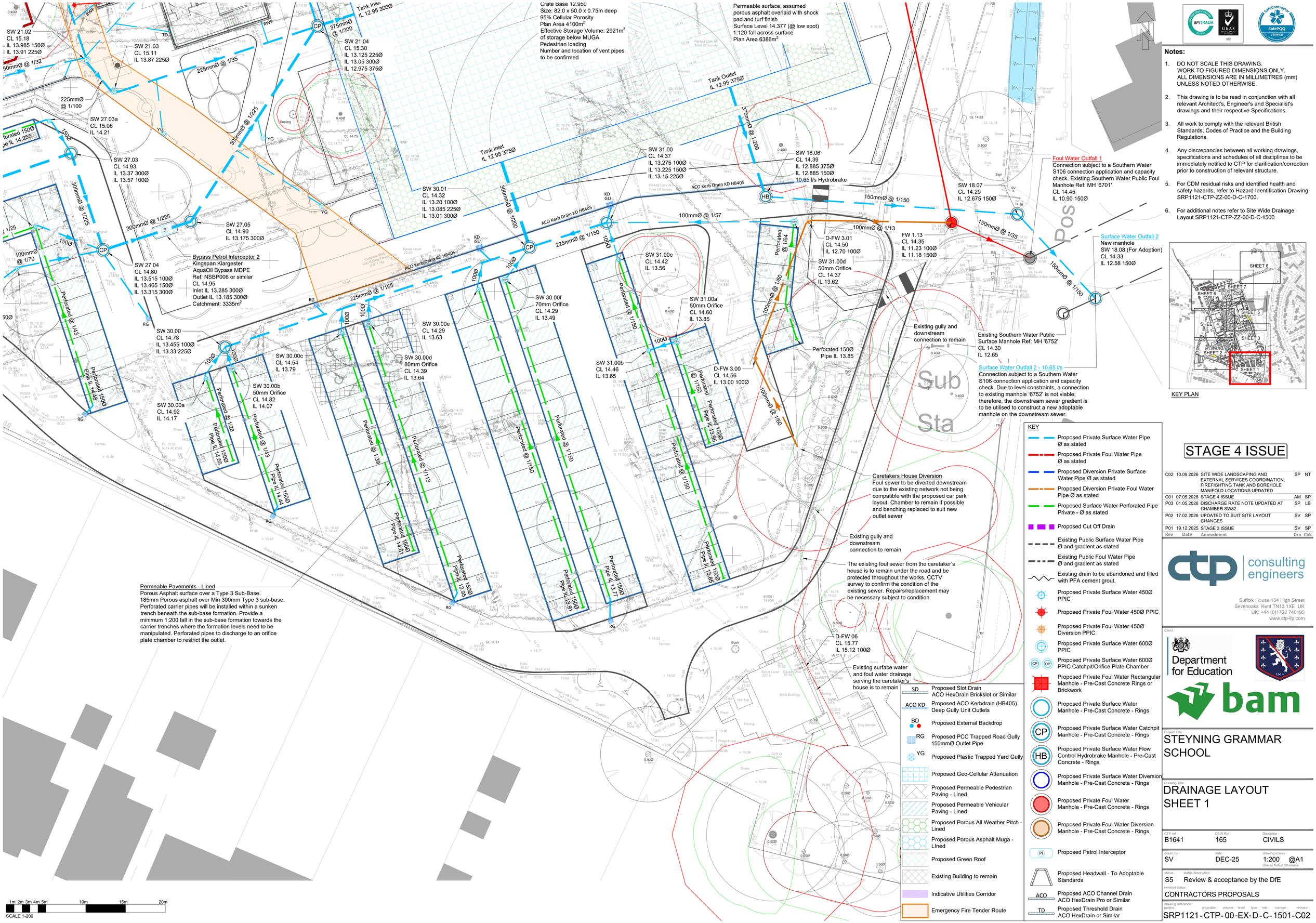

Crate Base 12.950
Size: 82.0 x 50.0 x 0.75m deep
95% Cellular Porosity
Plan Area 4100m²
Effective Storage Volume: 2921m³
of storage below MUGA
Pedestrian loading
Number and location of vent pipes
to be confirmed
Permeable surface, assumed
porous asphalt overlaid with shock
pad and turf finish
Surface Level 14.377 (@ low spot)
1:120 fall across surface
Plan Area 6386m²
Tank Inlet
IL 12.95 300Ø
375mmØ
@ 1/300
SW 21.04
CL 15.30
IL 13.125 225Ø
IL 13.05 300Ø
IL 12.975 375Ø
SW 21.02
CL 15.18
IL 13.985 150Ø
IL 13.91 225Ø
SW 21.03
CL 15.11
IL 13.87 225Ø
225mmØ @ 1/35
225mmØ
@ 1/100
SW 27.03a
CL 15.06
IL 14.21
300mmØ @ 1/225
SW 27.03
CL 14.93
IL 13.37 300Ø
IL 13.57 100Ø
SW 27.05
CL 14.90
IL 13.175 300Ø
SW 27.04
CL 14.80
IL 13.515 100Ø
IL 13.465 150Ø
IL 13.315 300Ø
Bypass Petrol Interceptor 2
Kingspan Klargester
AquaOil Bypass MDPE
Ref: NSBP006 or similar
CL 14.95
Inlet IL 13.285 300Ø
Outlet IL 13.185 300Ø
Catchment: 3335m²
100mmØ @ 1/70
Perforated @ 1/43
Perforated 150Ø Pipe IL 14.48
SW 30.00
CL 14.78
IL 13.455 100Ø
IL 13.33 225Ø
SW 30.00a
CL 14.92
IL 14.17
SW 30.00b
50mm Orifice
CL 14.82
IL 14.07
SW 30.00c
CL 14.54
IL 13.79
Perforated @ 1/28
Perforated @ 1/43
Perforated 150Ø Pipe IL 14.55
Perforated 150Ø Pipe IL 14.44
225mmØ @ 1/165
SW 30.00e
CL 14.29
IL 13.63
SW 30.00d
80mm Orifice
CL 14.39
IL 13.64
SW 30.00f
70mm Orifice
CL 14.29
IL 13.49
Perforated @ 1/39
Perforated @ 1/113
Perforated @ 1/150
Perforated 150Ø Pipe IL 14.51
Perforated 150Ø Pipe IL 13.95
Perforated 150Ø Pipe IL 13.77
Perforated 150Ø Pipe IL 13.91
Perforated 150Ø Pipe IL 13.85
Tank Inlet
IL 12.95 375Ø
300mmØ @ 1/200
SW 30.01
CL 14.32
IL 13.20 100Ø
IL 13.085 225Ø
IL 13.01 300Ø
ACO Kerb Drain KD HB405
225mmØ @ 1/150
SW 31.00
CL 14.37
IL 13.275 100Ø
IL 13.225 150Ø
IL 13.15 225Ø
SW 31.00c
CL 14.42
IL 13.56
SW 31.00a
50mm Orifice
CL 14.60
IL 13.85
SW 31.00b
CL 14.46
IL 13.65
100mmØ @ 1/57
Perforated @ 1/64
Perforated @ 1/150
100mmØ @ 1/60
D-FW 3.00
CL 14.56
IL 13.00 100Ø
Tank Outlet
IL 12.95 375Ø
375mmØ @ 1/200
SW 18.06
CL 14.39
IL 12.885 375Ø
IL 12.885 150Ø
10.65 l/s Hydrobrake
150mmØ @ 1/150
100mmØ @ 1/13
D-FW 3.01
CL 14.50
IL 12.70 100Ø
SW 31.00d
50mm Orifice
CL 14.37
IL 13.62
FW 1.13
CL 14.35
IL 11.23 100Ø
IL 11.18 150Ø
Perforated 150Ø Pipe IL 13.85
SW 18.07
CL 14.29
IL 12.675 150Ø
150mmØ @ 1/35
150mmØ @ 1/150
Foul Water Outfall 1
Connection subject to a Southern Water
S106 connection application and capacity
check. Existing Southern Water Public Foul
Manhole Ref: MH '6701'
CL 14.45
IL 10.90 150Ø
Surface Water Outfall 2
New manhole
SW 18.08 (For Adoption)
CL 14.33
IL 12.58 150Ø
Existing gully and
downstream
connection to remain
Existing Southern Water Public
Surface Manhole Ref: MH '6752'
CL 14.30
IL 12.65
Surface Water Outfall 2 - 10.65 l/s
Connection subject to a Southern Water
S106 connection application and capacity
check. Due to level constraints, a connection
to existing manhole '6752' is not viable;
therefore, the downstream sewer gradient is
to be utilised to construct a new adoptable
manhole on the downstream sewer.
Caretakers House Diversion
Foul sewer to be diverted downstream
due to the existing network not being
compatible with the proposed car park
layout. Chamber to remain if possible
and benching replaced to suit new
outlet sewer
Existing gully and
downstream
connection to remain
The existing foul sewer from the caretaker's
house is to remain under the road and be
protected throughout the works. CCTV
survey to confirm the condition of the
existing sewer. Repairs/replacement may
be necessary subject to condition
D-FW 06
CL 15.77
IL 15.12 100Ø
Existing surface water
and foul water drainage
serving the caretaker's
house is to remain
Permeable Pavements - Lined
Porous Asphalt surface over a Type 3 Sub-Base.
185mm Porous asphalt over Min 300mm Type 3 sub-base.
Perforated carrier pipes will be installed within a sunken
trench beneath the sub-base formation. Provide a
minimum 1:200 fall in the sub-base formation towards the
carrier trenches where the formation levels need to be
manipulated. Perforated pipes to discharge to an orifice
plate chamber to restrict the outlet.
1m 2m 3m 4m 5m 10m 15m 20m
SCALE 1-200
KEY
Proposed Private Surface Water Pipe Ø as stated
Proposed Private Foul Water Pipe Ø as stated
Proposed Diversion Private Surface Water Pipe Ø as stated
Proposed Diversion Private Foul Water Pipe Ø as stated
Proposed Surface Water Perforated Pipe Private - Ø as stated
Proposed Cut Off Drain
Existing Public Surface Water Pipe Ø and gradient as stated
Existing Public Foul Water Pipe Ø and gradient as stated
Existing drain to be abandoned and filled with PFA cement grout.
Proposed Private Surface Water 450Ø PPIC
Proposed Private Foul Water 450Ø PPIC
Proposed Private Foul Water 450Ø Diversion PPIC
Proposed Private Surface Water 600Ø PPIC
Proposed Private Surface Water 600Ø PPIC Catchpit/Orifice Plate Chamber
Proposed Private Foul Water Rectangular Manhole - Pre-Cast Concrete Rings or Brickwork
Proposed Private Surface Water Manhole - Pre-Cast Concrete - Rings
Proposed Private Surface Water Catchpit Manhole - Pre-Cast Concrete - Rings
Proposed Private Surface Water Flow Control Hydrobrake Manhole - Pre-Cast Concrete - Rings
Proposed Private Surface Water Diversion Manhole - Pre-Cast Concrete - Rings
Proposed Private Foul Water Manhole - Pre-Cast Concrete - Rings
Proposed Private Foul Water Diversion Manhole - Pre-Cast Concrete - Rings
Proposed Petrol Interceptor
Proposed Headwall - To Adoptable Standards
Proposed ACO Channel Drain ACO HexDrain Pro or Similar
Proposed Threshold Drain ACO HexDrain or Similar
Proposed Slot Drain ACO HexDrain Brickslot or Similar
Proposed ACO Kerbdrain (HB405) Deep Gully Unit Outlets
Proposed External Backdrop
Proposed PCC Trapped Road Gully 150mmØ Outlet Pipe
Proposed Plastic Trapped Yard Gully
Proposed Geo-Cellular Attenuation
Proposed Permeable Pedestrian Paving - Lined
Proposed Permeable Vehicular Paving - Lined
Proposed Porous All Weather Pitch - Lined
Proposed Porous Asphalt Muga - Lined
Proposed Green Roof
Existing Building to remain
Indicative Utilities Corridor
Emergency Fire Tender Route
Notes:
1. DO NOT SCALE THIS DRAWING. WORK TO FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
2. This drawing is to be read in conjunction with all relevant Architect's, Engineer's and Specialist's drawings and their respective Specifications.
3. All work to comply with the relevant British Standards, Codes of Practice and the Building Regulations.
4. Any discrepancies between all working drawings, specifications and schedules of all disciplines to be immediately notified to CTP for clarification/correction prior to construction of relevant structure.
5. For CDM residual risks and identified health and safety hazards, refer to Hazard Identification Drawing SRP1121-CTP-ZZ-00-D-C-1700.
6. For additional notes refer to Site Wide Drainage Layout SRP1121-CTP-ZZ-00-D-C-1500
SHEET 1
SHEET 2
SHEET 3
SHEET 4
SHEET 5
SHEET 6
SHEET 7
SHEET 8
KEY PLAN
STAGE 4 ISSUE
C02 10.09.2026 SITE WIDE LANDSCAPING AND EXTERNAL SERVICES COORDINATION, FIREFIGHTING TANK AND BOREHOLE MANIFOLD LOCATIONS UPDATED SP NT
C01 07.05.2026 STAGE 4 ISSUE AM SP
P03 01.05.2026 DISCHARGE RATE NOTE UPDATED AT CHAMBER SW82 SP LB
P02 17.02.2026 UPDATED TO SUIT SITE LAYOUT CHANGES SV SP
P01 19.12.2025 STAGE 3 ISSUE SV SP
Rev Date Amendment Drn Chk
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Client :
Department for Education
bam
Project Title :
STEYNING GRAMMAR SCHOOL
Drawing Title :
DRAINAGE LAYOUT SHEET 1
CTP ref : B1641
DEIR Ref : 165
Discipline : CIVILS
drawn by : SV
date : DEC-25
drawing scales : 1:200 @A1
Unless Noted Otherwise
status : S5
status description : Review & acceptance by the DfE
revision status : CONTRACTORS PROPOSALS
drawing reference : project : originator : volume : level : type : role : number : revision :
SRP1121-CTP-00-EX-D-C-1501-C02