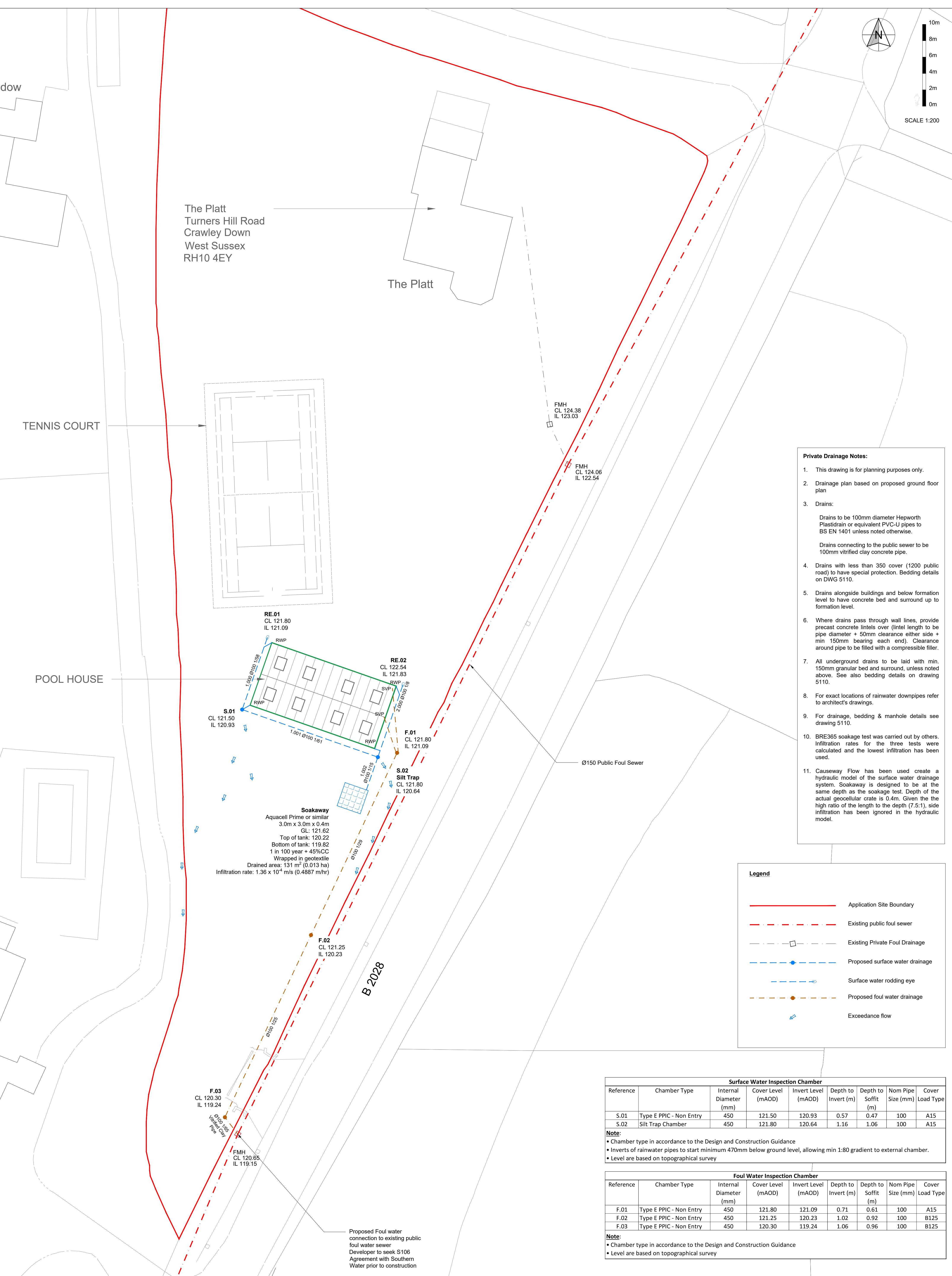




- Private Drainage Notes:**
- This drawing is for planning purposes only.
 - Drainage plan based on proposed ground floor plan
 - Drains:

Drains to be 100mm diameter Hepworth Plastidrain or equivalent PVC-U pipes to BS EN 1401 unless noted otherwise.

Drains connecting to the public sewer to be 100mm vitrified clay concrete pipe.
 - Drains with less than 350 cover (1200 public road) to have special protection. Bedding details on DWG 5110.
 - Drains alongside buildings and below formation level to have concrete bed and surround up to formation level.
 - Where drains pass through wall lines, provide precast concrete lintels over (lintel length to be pipe diameter + 50mm clearance either side + min 150mm bearing each end). Clearance around pipe to be filled with a compressible filler.
 - All underground drains to be laid with min. 150mm granular bed and surround, unless noted above. See also bedding details on drawing 5110.
 - For exact locations of rainwater downpipes refer to architect's drawings.
 - For drainage, bedding & manhole details see drawing 5110.
 - BRE365 soakage test was carried out by others. Infiltration rates for the three tests were calculated and the lowest infiltration has been used.
 - Causeway Flow has been used create a hydraulic model of the surface water drainage system. Soakaway is designed to be at the same depth as the soakage test. Depth of the actual geocellular crate is 0.4m. Given the high ratio of the length to the depth (7.5:1), side infiltration has been ignored in the hydraulic model.

Legend

- Application Site Boundary
- Existing public foul sewer
- Existing Private Foul Drainage
- Proposed surface water drainage
- Surface water rodding eye
- Proposed foul water drainage
- Exceedance flow

Surface Water Inspection Chamber								
Reference	Chamber Type	Internal Diameter (mm)	Cover Level (mAOD)	Invert Level (mAOD)	Depth to Invert (m)	Depth to Soffit (m)	Nom Pipe Size (mm)	Cover Load Type
S.01	Type E PPIC - Non Entry	450	121.50	120.93	0.57	0.47	100	A15
S.02	Silt Trap Chamber	450	121.80	120.64	1.16	1.06	100	A15
Note:								
• Chamber type in accordance to the Design and Construction Guidance								
• Inverts of rainwater pipes to start minimum 470mm below ground level, allowing min 1:80 gradient to external chamber.								
• Level are based on topographical survey								

Foul Water Inspection Chamber								
Reference	Chamber Type	Internal Diameter (mm)	Cover Level (mAOD)	Invert Level (mAOD)	Depth to Invert (m)	Depth to Soffit (m)	Nom Pipe Size (mm)	Cover Load Type
F.01	Type E PPIC - Non Entry	450	121.80	121.09	0.71	0.61	100	A15
F.02	Type E PPIC - Non Entry	450	121.25	120.23	1.02	0.92	100	B125
F.03	Type E PPIC - Non Entry	450	120.30	119.24	1.06	0.96	100	B125
Note:								
• Chamber type in accordance to the Design and Construction Guidance								
• Level are based on topographical survey								

GENERAL NOTES

- This drawing is to be read in conjunction with all relevant architects, engineers drawings & specifications.
- The contractor is to be responsible for all dimensions & for the correct setting out of the works on site.
- Do not scale from this drawing.

P01	CM	21 Dec 2025	First Issue
REV	BY	DATE	Revision Notes

PROJECT NAME

The Platt
Turners Hill Road
Crawley Down
RH10 4EY

Revision	Prepared	CM	Approved	CM
Original	Approved	CM	Date	21 Dec 2025
STATUS	For Planning			

PROJECT DESCRIPTION

Proposed Drainage Layout
Surface Water and Foul Water

Scale:	Dwg No:	REVISION
1:200 [A1]	RH112401/5100	P01