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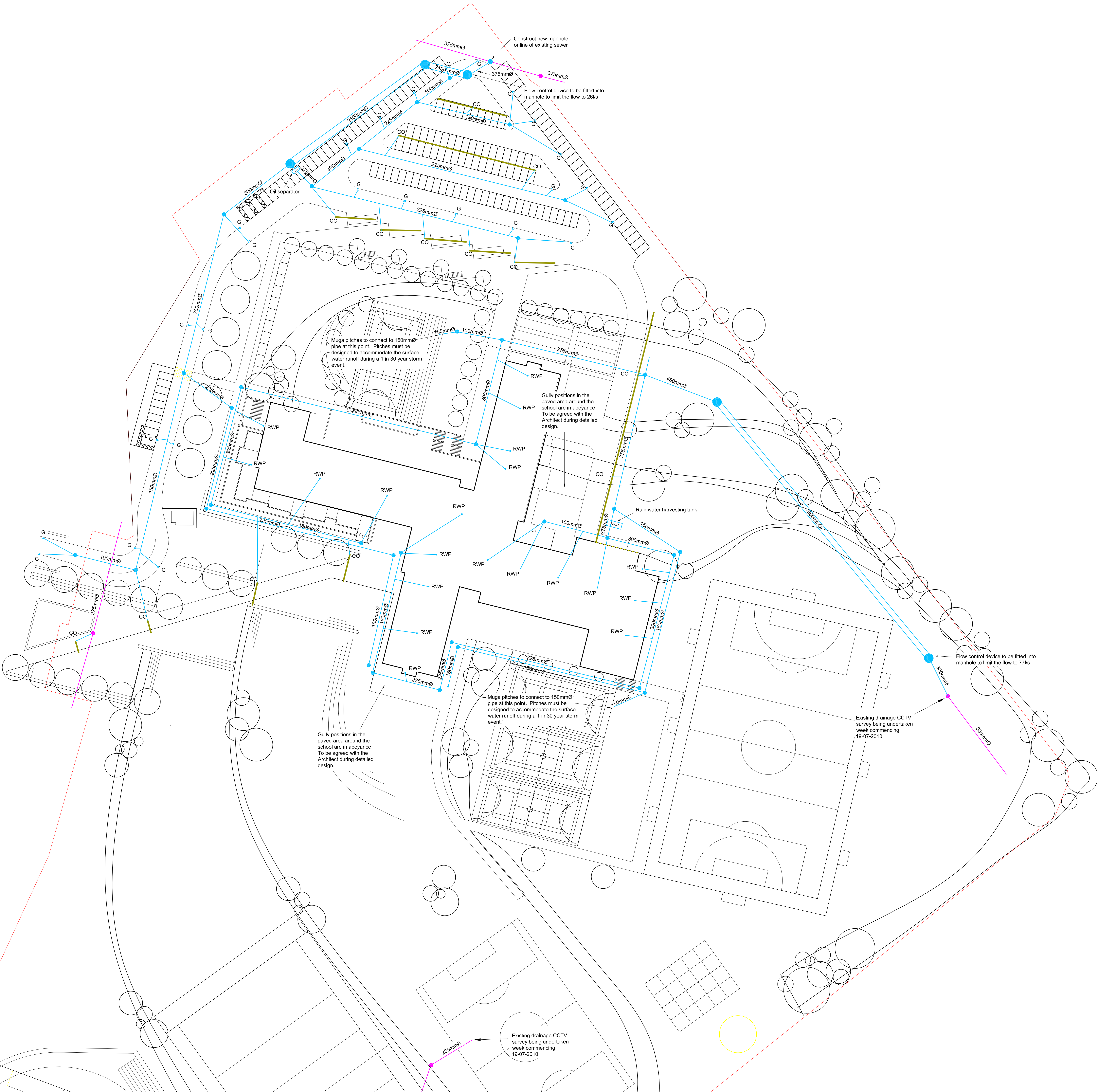
R

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Legend	
Proposed site boundary	—
Proposed surface water drain	—
Proposed surface water manhole	●
Proposed rainwater harvesting tank	RWH
Proposed gully and connection	G —
Proposed ACO MultiDrain channel	—
Proposed channel drain outfall	CO —
Proposed rain water pipe	RWP —
Proposed Oil Separator (See notes for unit reference)	[OS]
Existing drainage system	— ● —



Notes

1. Do not scale from the drawing or the computer digital data. Only figured dimensions are to be used.
2. All dimensions are in mm and all levels are in m (A.O.D.) unless noted otherwise.
3. Existing sewer information was obtained from Yorkshire Water records and from a connectivity survey completed on site during March 2010.
4. All offsite flows have been agreed by Yorkshire Water.
5. The locations of existing services shown on this drawing are from the topographical survey.
6. The Contractor should take note of HSG 47 'Avoiding Danger from Underground services' when excavating around buried services.
7. It is the Contractors responsibility to check all the existing connection invert levels prior to any work commencing on the site. Any discrepancies should be reported directly to the Engineers.
8. Unless specified otherwise all manhole covers shall be D400 to BS EN124 in roads and trafficked areas, where possible all covers to be orientated to be parallel to kerbs and paving.
9. Rain water pipe positions are shown indicatively and will need to be confirmed by the Architect prior to construction.
10. All private drainage should be constructed in accordance with the current Building Regulations.
11. All drainage to be laid soffit to soffit unless otherwise stated.
12. All concrete pipes, manholes and other below ground drainage to made with sulphate resisting cement.
13. All redundant connections to be capped off and grouted from the downstream manhole.
14. All new drainage pipes to be jetted and CCTV surveyed with recording equipment to confirm satisfactory construction.
15. Rain water harvesting tank shown in position where it will yield the most water from the roof area. Tanks to be sized by rain water harvesting specialist
16. Oil separator to be a Class 1 bypass separator - Type CNSB10s/21 or similar approved.
17. All pipes to be 150mm diameter and laid at 1 in 100 unless otherwise stated.
18. Drawing based on Plincke layout dated 06.08.2010.
19. Manholes listed as silt traps must incorporate a 450mm deep sump.

P4	06/08/10	P.A./R.L.	R.L.	D.R.
Revised layout added				
P3	17/07/10	P.A./R.L.	R.L.	R.W.
Drainage updated and issued for planning				
P2	04/06/10	P.A.	R.L.	R.W.
2 New manholes added to attenuation system to enable onsite connection to public sewer				
P1	24/05/10	P.A.	R.L.	R.W.
Issued for information				
Issue	Date	By	Chkd	Appt

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Client



Job Title
Barnsley BSF

Drawing Title
Proposed Surface Water Drainage

Scale at A0
1:500

Discipline
Site Development

Drawing Status
Information

Job No 212582	Drawing No BP4L_MIC_ARU_DR _S1_SW_LL_0200	Issue P4
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