

Existing Manhole 6506
CL: 7.67
IL: 6.27 (assumed)

CL: 7.75
IL: 6.28

Hydrobrake within manhole
limiting discharge to 0.2 l/s
Overflow within manhole for
exceedance flows

225mm diameter pipe

CL: 7.79
IL: 6.37

Proposed green roof cover

CL: 7.95
IL: 6.47

CL: 7.79
IL: 6.52

Water butt allocated to each
property to harvest rainwater

Low point at which
southern paving drains
to and connects to
storage system

Minimum distance of 0.5m
between sewer and building
foundations required

Attenuation tank
Volume: 65m³
CL: 8.00
IL: 6.49

CL: 7.74
IL: 6.62

Sewer inlet for L-shaped green
space, which requires regular
maintenance to reduce risk of
blockage. Blockage can result in
flooding as the inlet is isolated.

Permeable paving proposed
across the site which will drain to
the surface water sewer system



Project :
Sion Court Level 2 FRA



- Legend :
- Site Boundary
 - Proposed Buildings
 - Surface Water Manholes
 - Surface Water Sewers
 - Attenuation Storage
 - Rainwater Butts
 - Green Roofs
 - Permeable Paving
 - Paving Flow Directions
 - Exceedance flow routes

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Title :
Outline Surface Water Drainage Strategy

Drawing :
WHS10136-T01-0001

Rev :
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