

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: 65m<sup>3</sup>  
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.

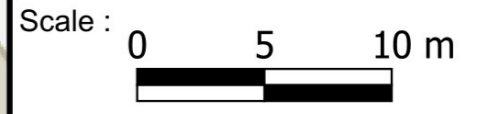
Permeable paving proposed  
across the site which will drain to  
the surface water sewer system

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 :  
2

