WSP comments

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Section: N/A

The London Plan stipulates that Green Roofs and other sustainable features should be incorporated into developments in line with the SuDS hierarchy, what does not appear to be very clear, is the way attenuation storage is calculated for a site that has say an extensive green roof, which would retain surface water during most storm durations, albeit once fully saturated the run-off would be equal to a traditional roof and therefore the rainwater system downstream is calculated in line with BS EN 12056. Has any research been done on this topic to date?

What would be really helpful when carrying out preliminary drainage strategies for developments across London would be to see what reduction (if any) can be made on the attenuation storage structures either on the ground or below ground where green roof is incorporated. As CIRIA quote this as inception storage within their calculation tool, which deducts this from the overall site attenuation volume, again we do not feel this is crystal clear when asked to demonstrate our calculation methods to the relevant LLFA's and Borough's across London.

Any guidance or thoughts on this matter would be appreciated.

Best Regards

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