CLOSE COLLABORATION

DESIGN TEAM:

MUF ARCHITECTURE/ART - PUBLIC REALM ARCHITECTS

J & L GIBBONS - LANDSCAPE ARCHITECTS

ARUP - STRUCTURE & CIVILS ENGINEERS
PLANNING OBLIGATIONS

LONDON PLAN

Developers should aim for Greenfield Run off rates – Typically 2 – 8 l/s per hectare

If greenfield runoff rates are not proposed, Developers will be expected to clearly demonstrate how all opportunities to minimise final site runoff, as close to greenfield rate as practical, have been taken.

Most developments have been able to achieve at least 50% attenuation of the site’s surface water runoff at peak times. *This is the minimum expectation from development proposals*
# SuDS in London - a guide

**November 2016**

**MAYOR OF LONDON**

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## 1. Principles of SuDS

| 3.1. Which SuDS components are suitable for London? |
| 3.2. Structure |
| 3.3. Information systems |
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| 3.6. Wetlands and dry areas |
| 3.7. Risks, resilience and sustainability |
| 3.8. Management and installation |

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**Transport for London**

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**Appendix**

**Further information available**
EAST CROYDON STATION DEVELOPMENT SITE BEFORE
PHASED DELIVERY

PUBLIC REALM AHEAD OF DEVELOPMENT

A SITE WITH LAYERS OF HISTORY
PHASE 1 | PEDESTRIAN LINK, CAITHNESS WALK

CAITHNESS WALK, 2014
PHASE 3 | MULTI-STOREY CAR PARK

NOVEMBER 2015
MARCH 2016 | ATTENUATION CRATE INSTALLATION

380m$^3$ ATTENUATION VOLUME
SEPTEMBER 2016 | PERMEABLE GRIT JOINTED PAVING

60m³ ATTENUATION VOLUME.
TEMPORARY PLOTS | HYDROSEEDING

MARCH 2018
BUILDING FOOTPRINT - 13 000m²
GREEN ROOF AREA - 3800m²
HARD LANDSCAPE AREA - 5400m²
ATTENUATION TANK VOLUME - 380m³
ROOF ATTENUATION VOLUME - 153m³ (1:100 YEAR EVENT)
PERMEABLE PAVING ATTENUATION VOLUME - 60m³