RUSKIN SQUARE SUSDRAIN SUDS AWARDS 2018 JOHANNA GIBBONS, J & L GIBBONS 18th JULY 2018

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.

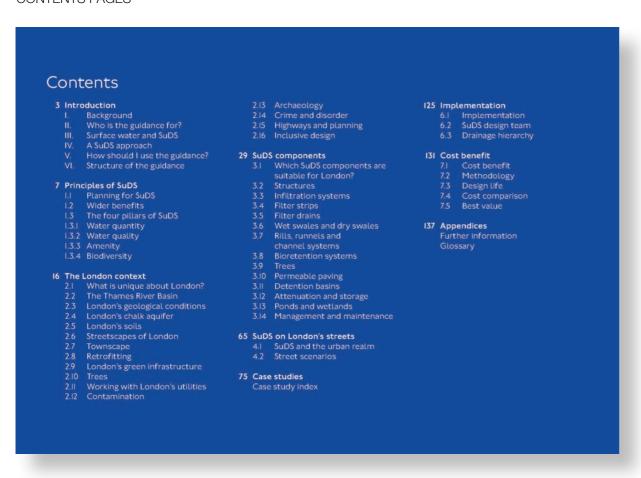
Most developments have been able to achieve at least 50% attenuation of the site's surface water runoff at peak times. This is the minimum expectation from development proposals

FRONT COVER



CONTENTS PAGES

MAYOR OF LONDON



CHAPTER EXTRACTS

INTRODUCTION









FOR LONDON

1 PRINCIPLES OF SuDS

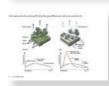


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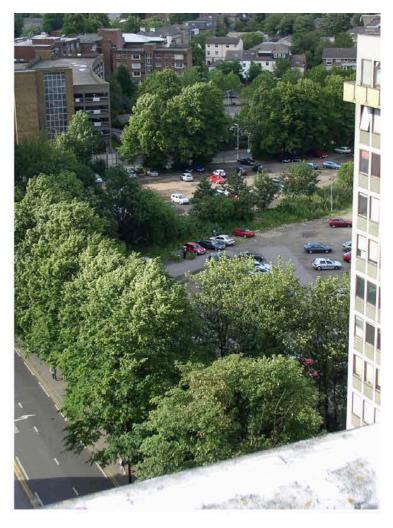






EAST CROYDON STATION DEVELOPMENT SITE BEFORE





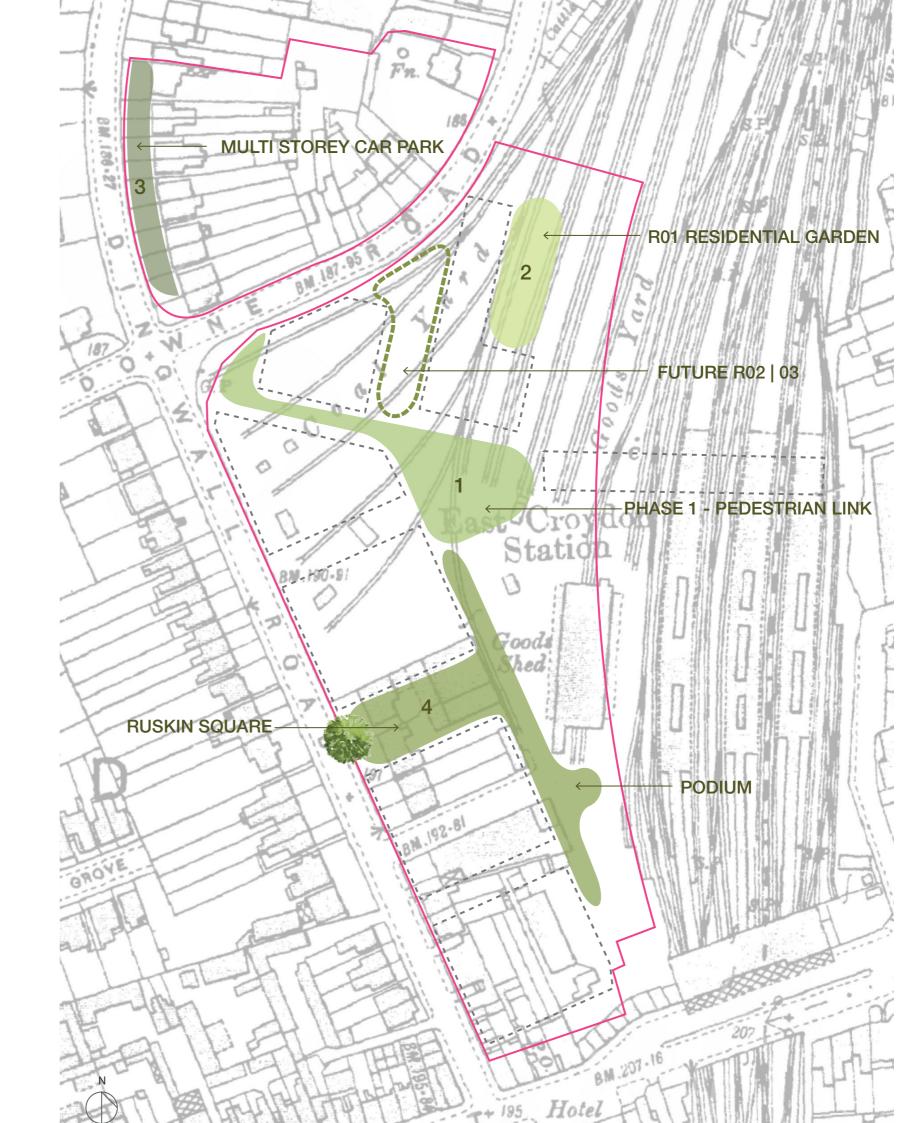




PHASED DELIVERY

PUBLIC REALM AHEAD OF DEVELOPMENT

A SITE WITH LAYERS OF HISTORY



DELIVERY PLOTS



PHASE 1 | PEDESTRIAN LINK, CAITHNESS WALK



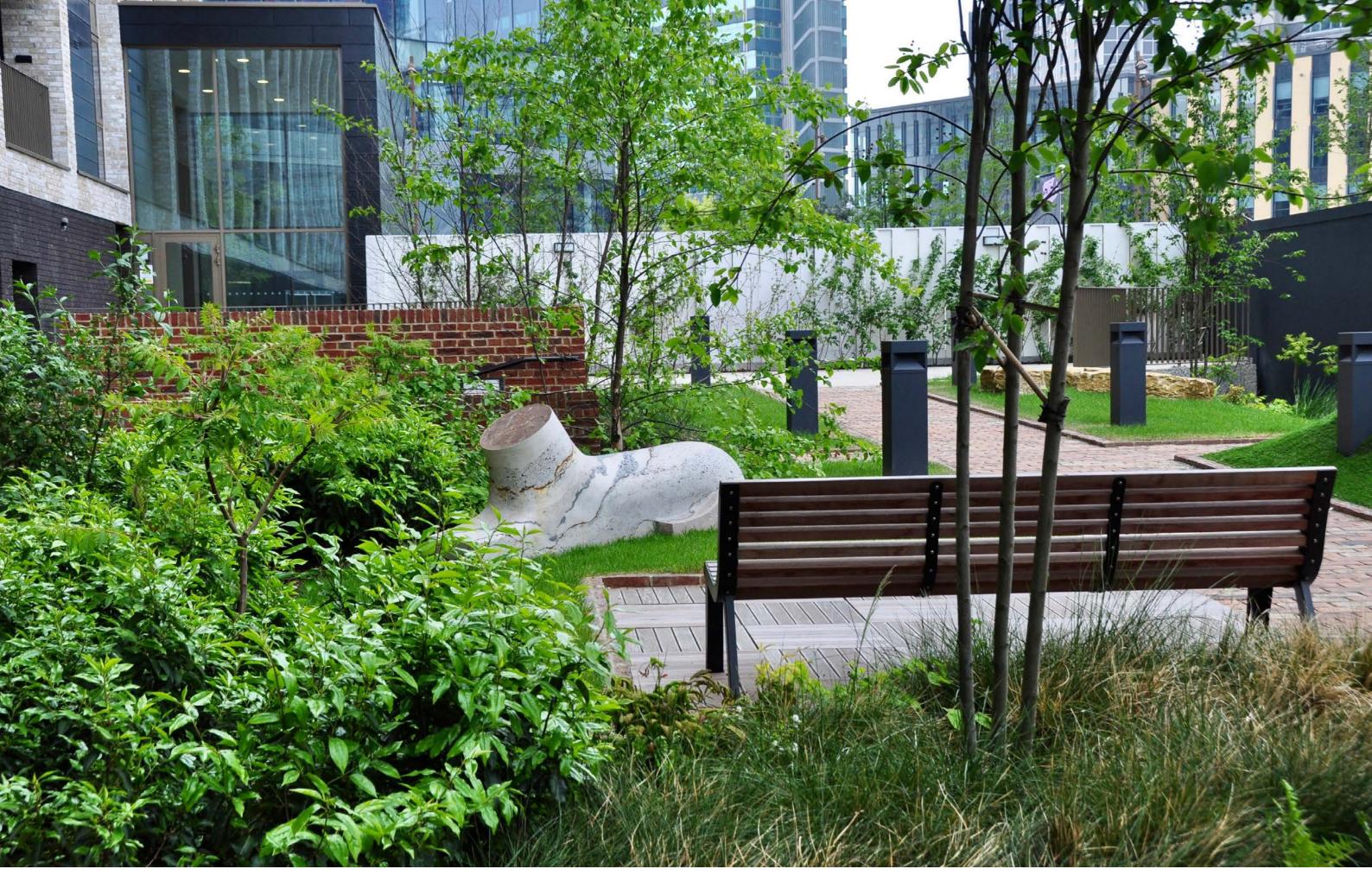


SEPTEMBER 2015

PHASE 2 | RESIDENTIAL R01

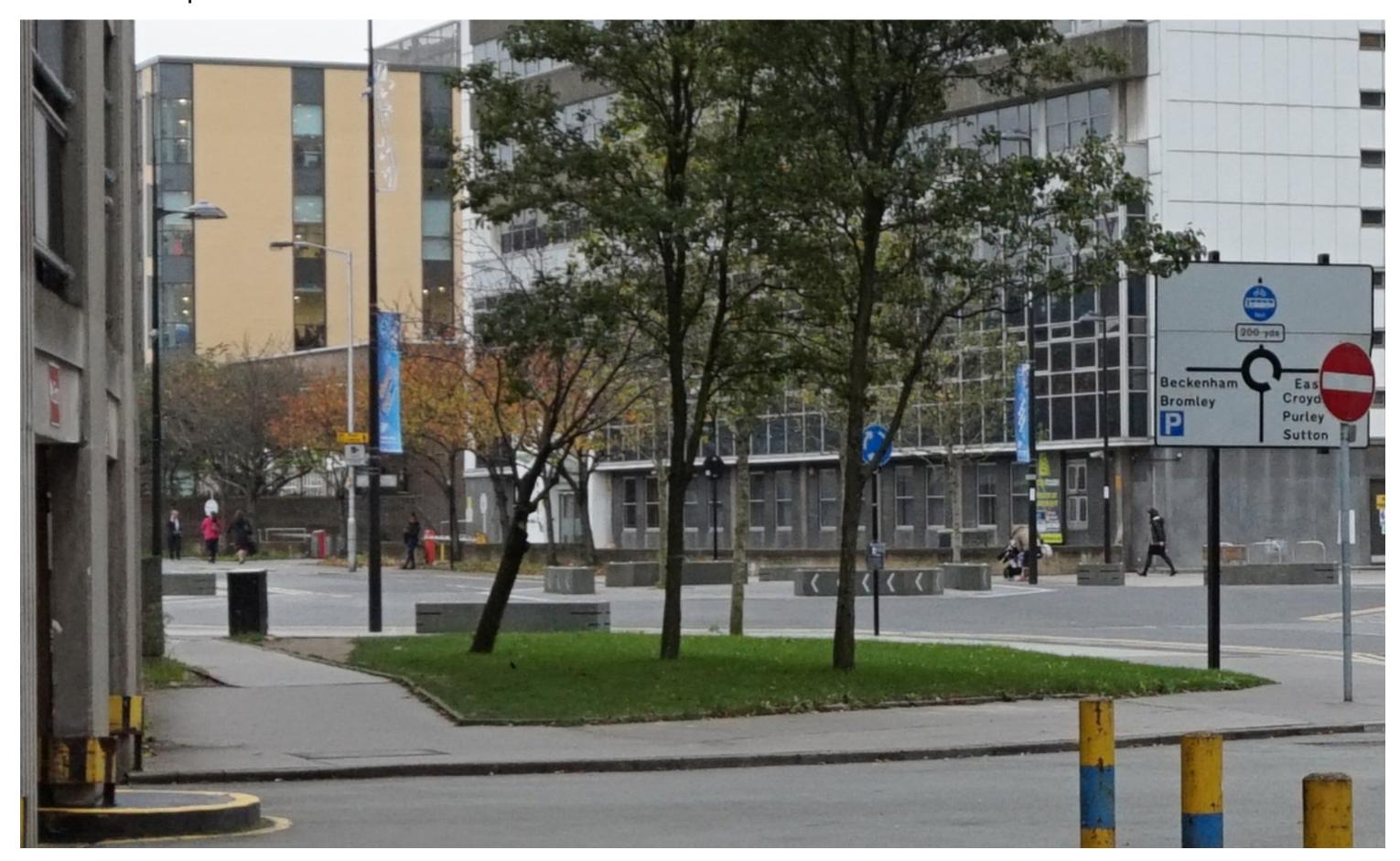


APRIL 2016

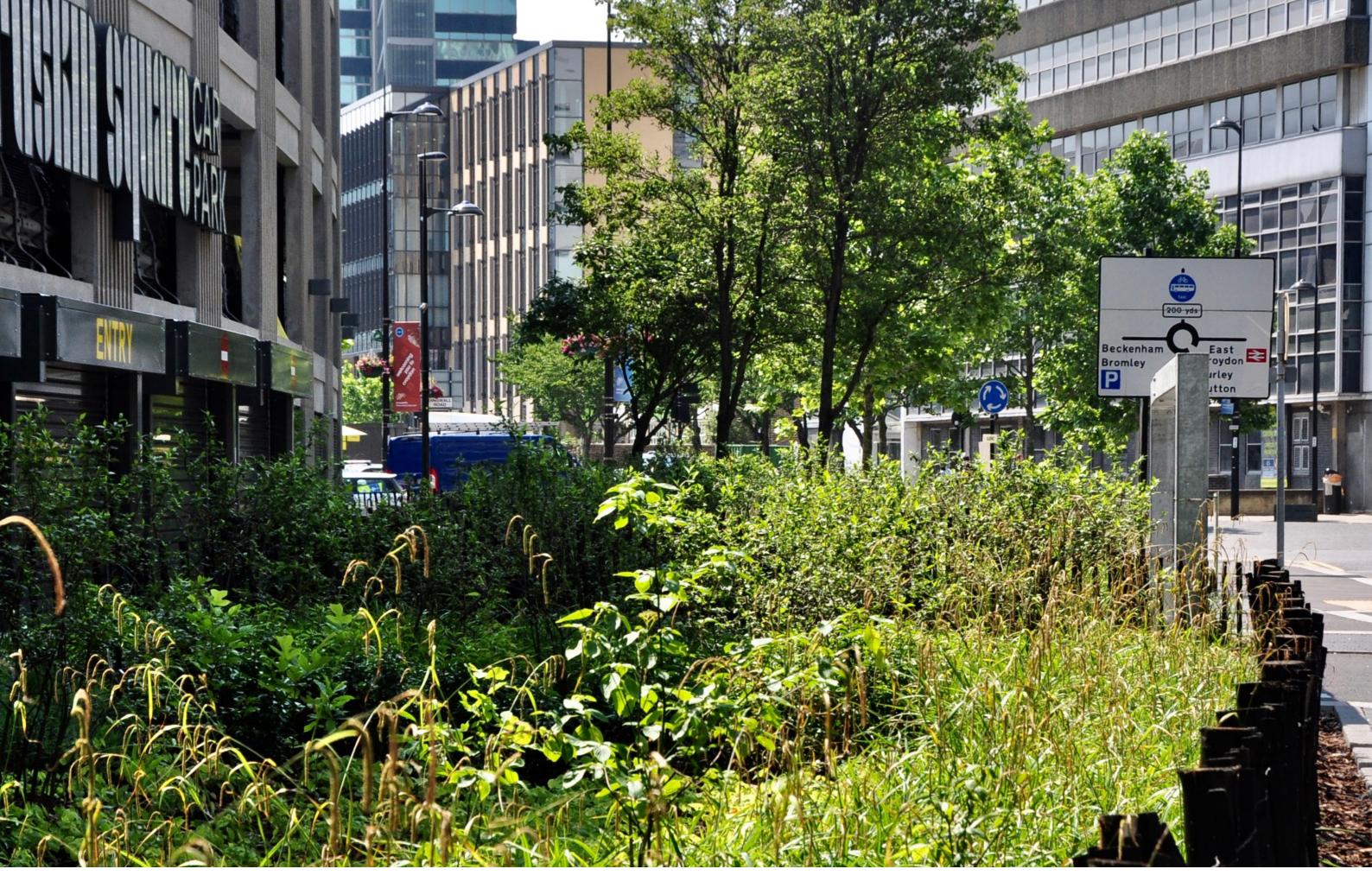


MAY 2017

PHASE 3 | MULTI-STOREY CAR PARK



NOVEMBER 2015

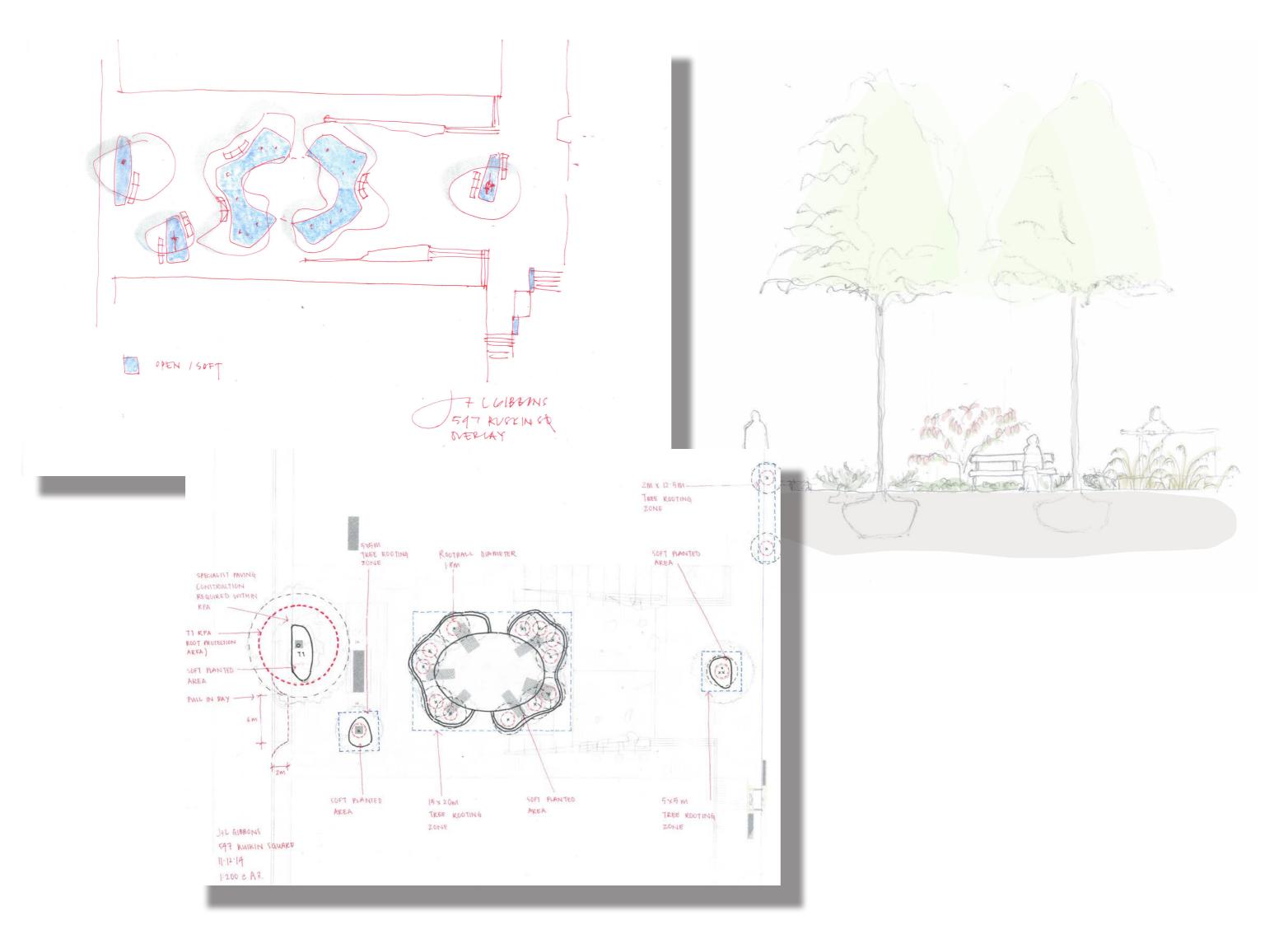


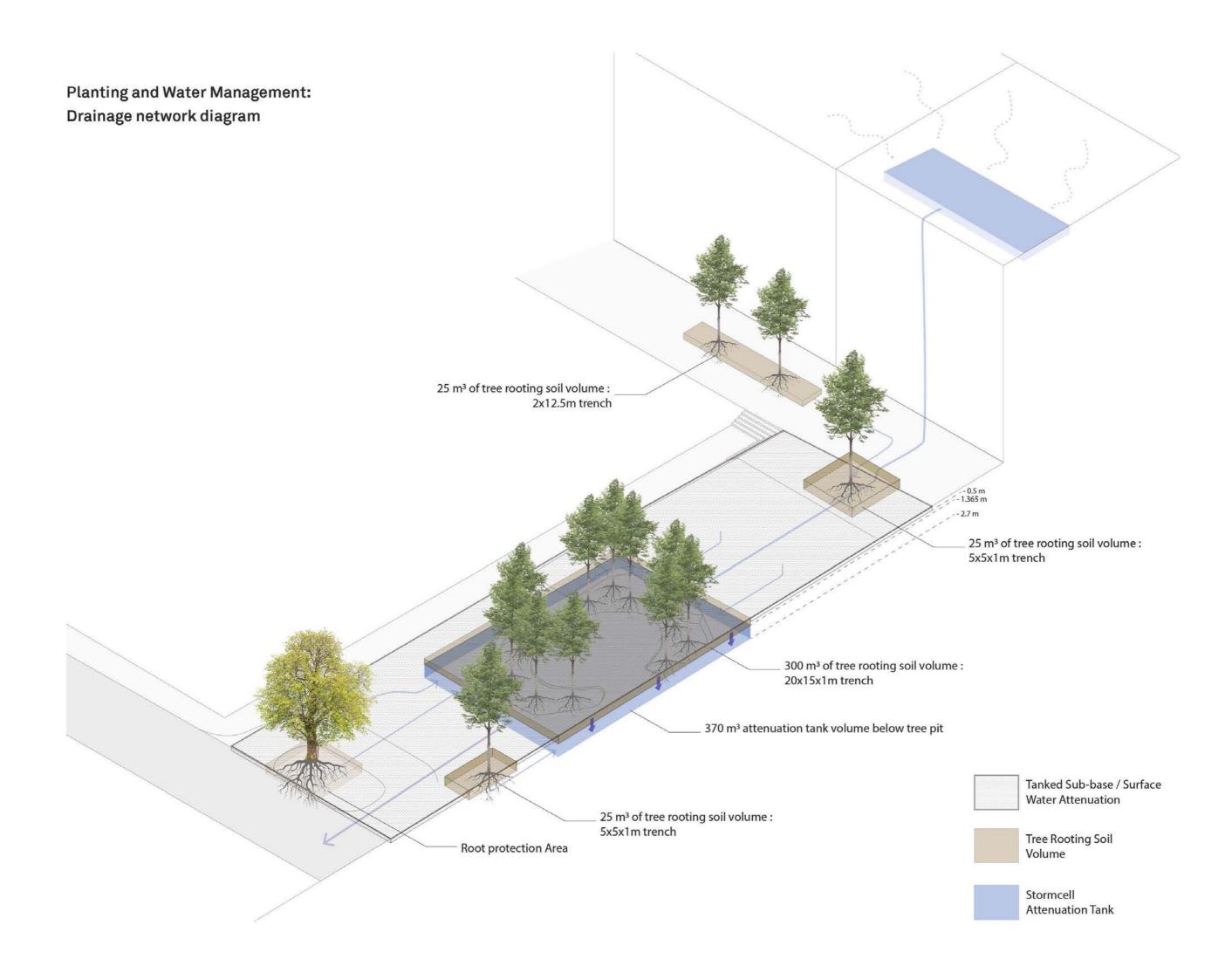
JUNE 2017

PHASE 4 | RUSKIN SQUARE

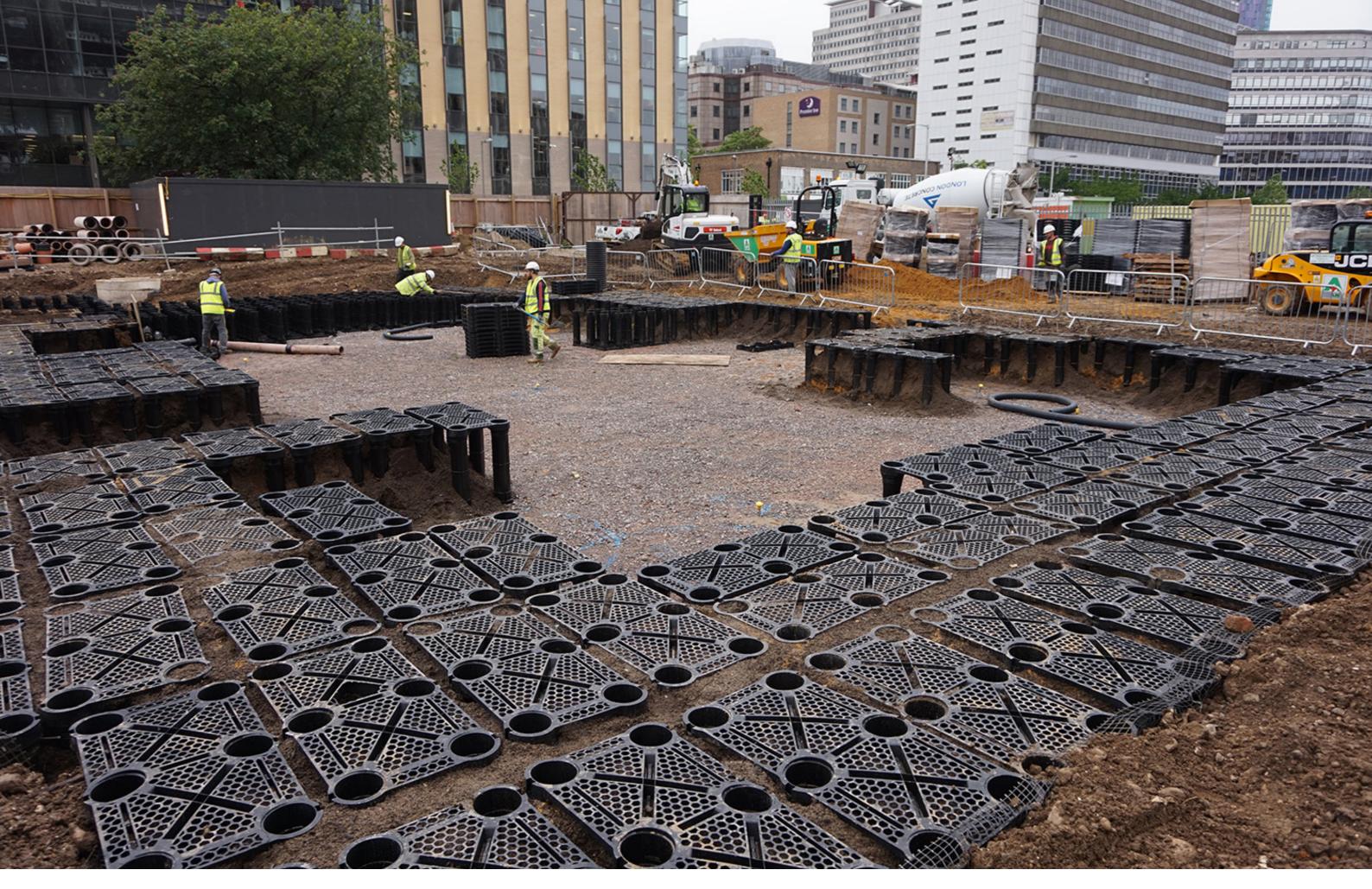


JUNE 2016

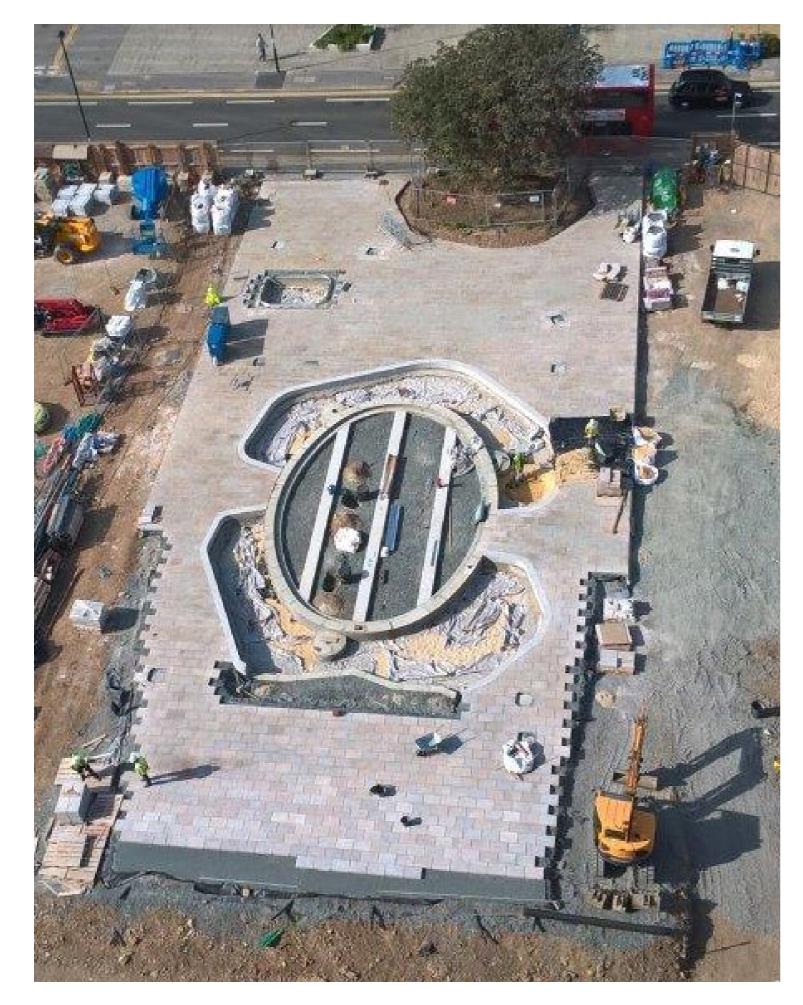


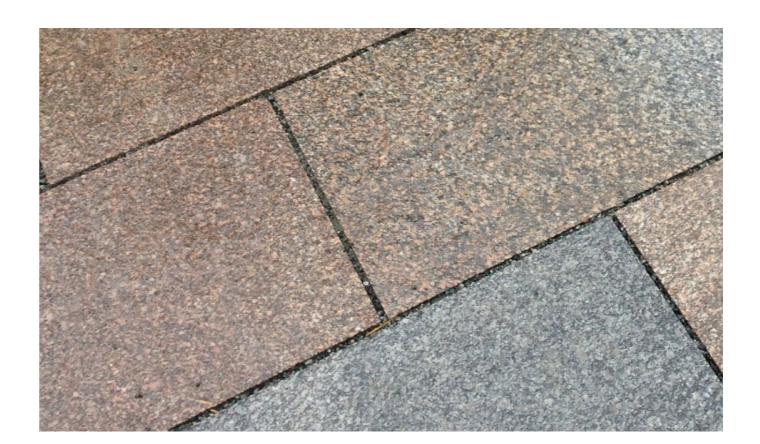






JUNE 2016 | SOIL CELL INSTALLATION







SEPTEMBER 2016 | PERMEABLE GRIT JOINTED PAVING

60m³ ATTENUATION VOLUME.



SEPTEMBER 2016 | SOFT LANDSCAPE INSTALLATION



JULY 2017

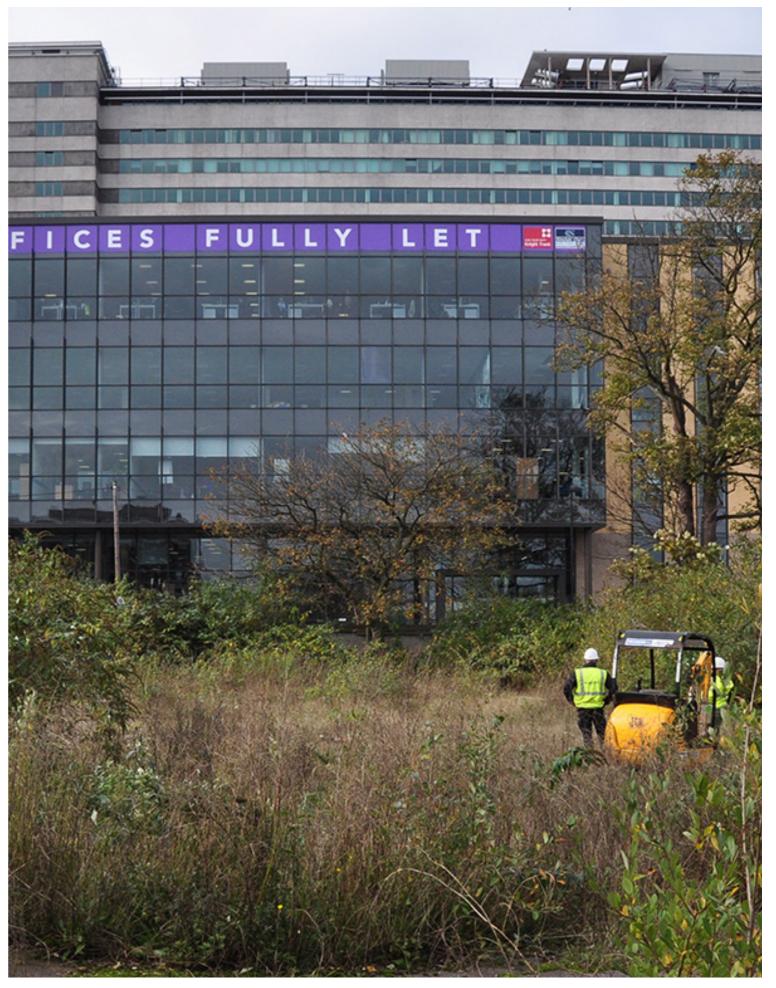


SEPTEMBER 2017

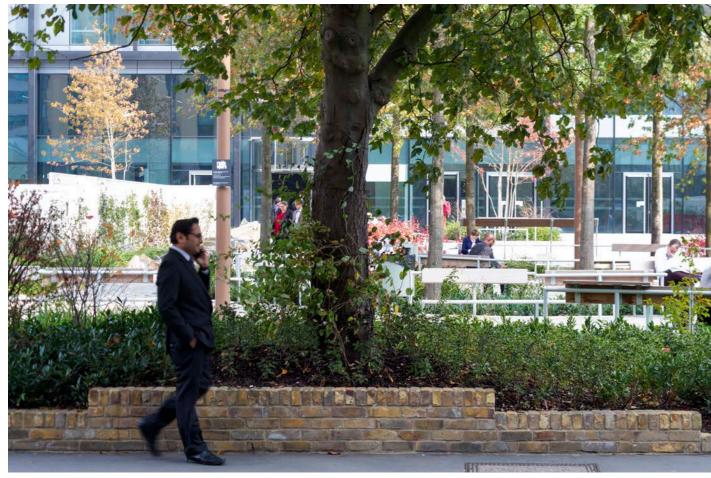




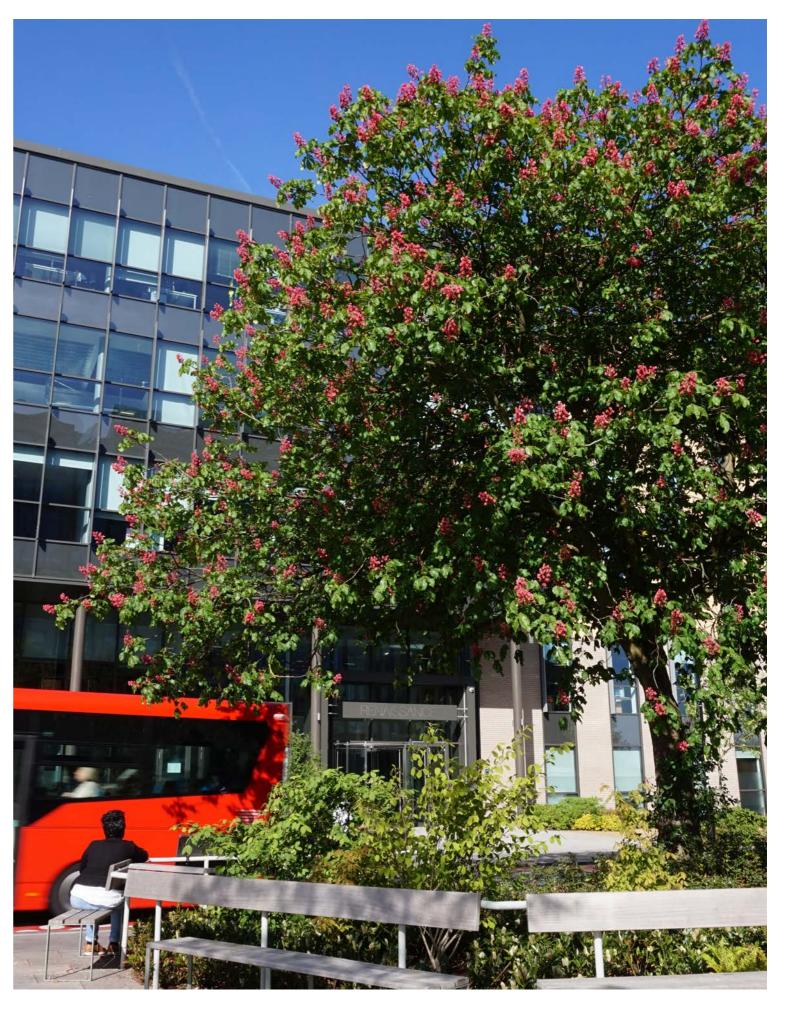






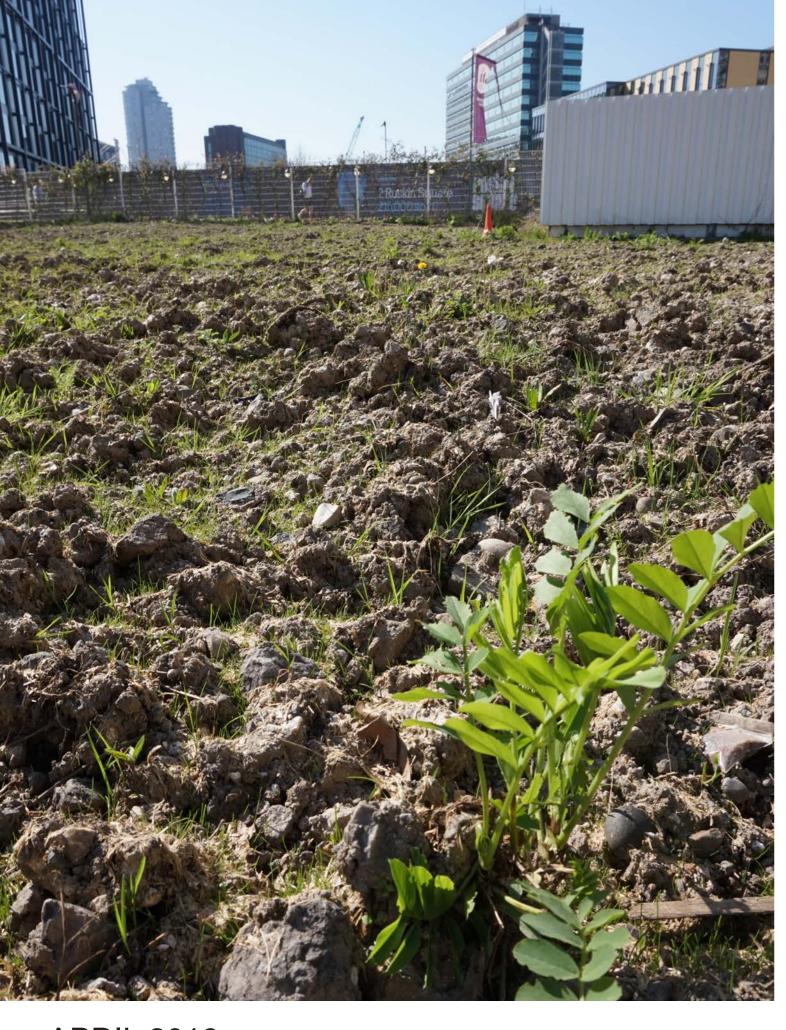


T1 HORSE CHESTNUT | MAY 2017 ONWARDS



TEMPORARY PLOTS | HYDROSEEDING







APRIL 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