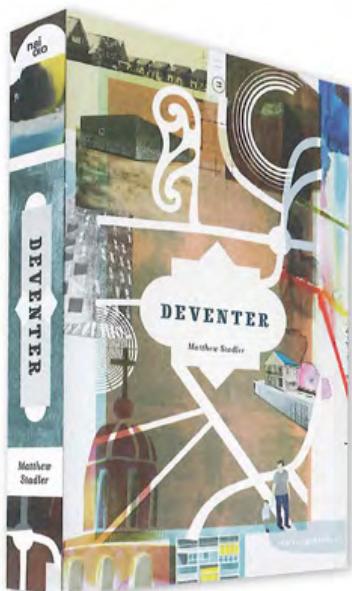


●one architecture ●one urbanism ●one planning ●one resilience

●one ...



[^] In 2014, the American writer Matthew Stadler wrote the book Deventer, which describes the unique combination of project and process in the firm's practice

One Architecture uses design to help cities, regions and countries with their long term spatial and infrastructure planning. We are interested in process as much as in projects.

ONE has learned how design can help simplify and smoothen complex puzzles, and, through that, to create space for others to engage in the city. ONE has extensive experience in designing the interrelationship between the city and its infrastructure, as well as between organizations, finances and territory.

ONE ARCHITECTURE
Hamerstraat 3 . 1021 JT Amsterdam . The Netherlands

One Architecture and Urbanism is an award-winning Amsterdam and New York-based design and planning firm. Established in 1995, the firm is known for its unique approach in which financial, technical and organizational issues are addressed and resolved through design. A key area of ONE's expertise is large-scale planning and infrastructure. Under the leadership of founding principal Matthijs Bouw, ONE has been instrumental in the development of complex, multi-actor, planning processes. In their studios, designers work together with engineers, policymakers, and local communities in order to explore possibilities and shape joint narratives.

In 2001, One Architecture developed and organized the Deltametropolis design studio for the Dutch Government Architect and the Ministry of Planning. In this studio, planners, scientists and designers worked together on speculative projects for the long-term development of the western part of the country. Bouw was the studio-master for 'networks' and for the integration phase of the Structure Vision Randstad 2040, the Government policy for its long-term development. In addition to work at the largest scales, ONE has worked on a number of focused, concrete area-development and architecture projects for multimodal hubs in the Netherlands and abroad, brownfield redevelopment as well as on the design of infrastructure such as bridges and tunnels.

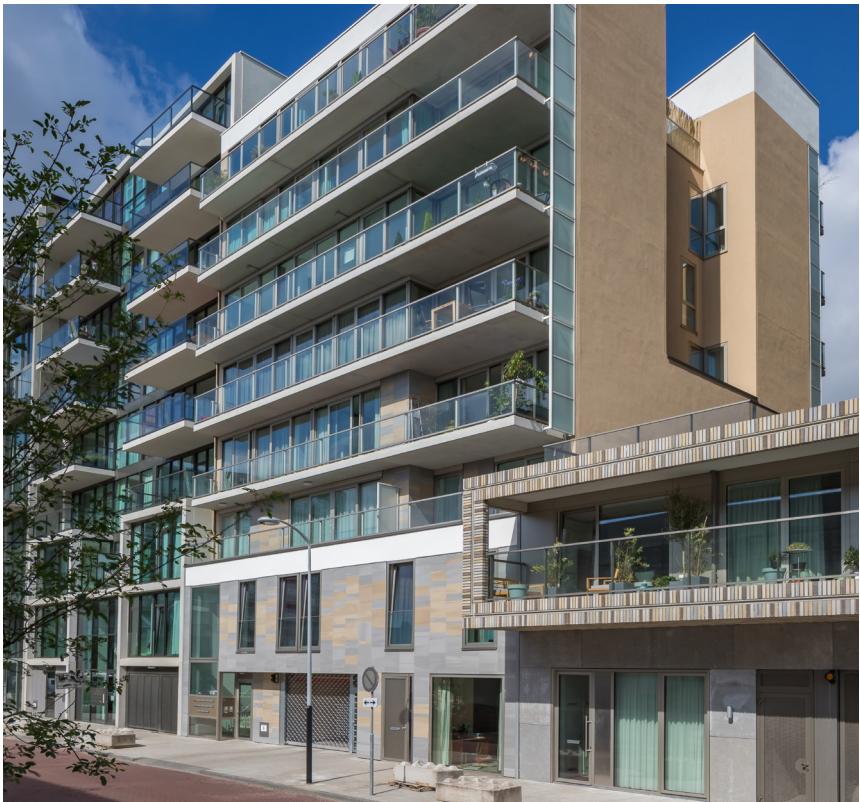
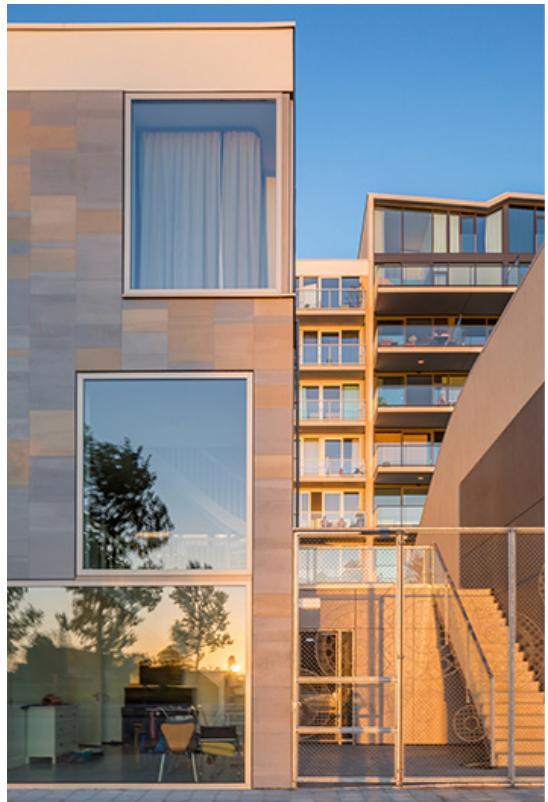
In New York City, the office co-led the BIG Team that won the Rebuild by Design competition, securing over \$500 million in CDBG-DR grants for the flood protection of Manhattan and the "Big U / Dryline" concept. In continued collaboration with BIG and a team of engineering consultants, ONE is currently working on the design development of the East Side and Lower Manhattan sections of coastal protection for New York City. In addition to this signature project, ONE is leading urban design efforts for coastal resiliency projects in Boston, in South America, and in the Philippines, as well as working with 100 Resilient Cities to advise municipalities around the world on how to create long-term visions for their cities.

In the Netherlands, they co-curate the Buiksloterham Living Lab, a 600 acre brownfield redevelopment in Amsterdam-Noord based on the principles of the circular economy — therein also acting as investors for a small housing area. Currently, ONE is expanding on its expertise by working on "Smart City" digital infrastructures and water-management/resilience projects. The firm's services range from feasibility studies to masterplanning, research, consultancy and executive work.

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one architecture

ONE's body of architectural work is small but distinct. The firm's approach to architecture is akin to its urbanism: simple and open-ended designs provide a framework for incidents of true originality. ONE's way of doing architecture has proven to be very effective in complex environments, such as areas of high density and historical significance, because of its conceptual flexibility and adaptability.



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ELTA: BUIKSLOTERHAM

ELTA (previous page) is a 16-unit apartment building in Buiksloterham in Amsterdam that One Architecture co-developed with a group of future tenants and Bot Bouw Initiatief . Unique in this building are the studio houses on the lower floors and the flexible mid-income flats which, while having the highest energy efficiency of any apartment complex in Amsterdam North, have a 16m long glass façade in each apartment. The building is sporting a ceramic-clad façade to obtain extremely high thermal insulation in a relatively thin construction, thanks to a manufacturers combination unique for this project



ST JOZEF: DEVENTER

St. Jozef, a monastery dating from the 1950's, has been transformed into a health care centre. The architectural interventions set up a dialogue with the existing characteristics of the complex, such as the structure of the complex around the gardens, the sacral identity of the building and the catholic brick-hiding-the-underlying-concrete-architecture from the 1950's. Apart from the two existing gardens, in which the former monastery garden reclaims its central position, the design provides a new 'basement garden' in the heart of the complex which allows the basement to become commercially exploitable. The design reveals what was to be hidden in the 50's; the monastery is in fact a contemporary building with modern techniques. By making a hard-cut section in one of the buildings, the true concrete core, that was once hidden from the world by a layer of brick, emerges. The exposure of the concrete behind the brick façade is carried on as a design motive in for example the wall of the lower extension of the 'blood bank' and in the concrete exterior of the waiting rooms



VILLA BOLEN: BAKEL

The villa the client built some twenty years ago was not in tune anymore with the family's lifestyle, which centered on the garden. One Architecture was invited to design an extension. Loosely using classical design techniques, One Architecture made a royal extension of the house towards the garden. The extension is slightly elevated such that the big scale of the open plan allows the eye to pass through the building and traverse the entire depth of the garden and landscape. Stainless steel sliding doors in the facade create the effect that the extension feels like a pavilion in nature where from the inside one can breathe the perfume of the trees and feel the warm breeze stroking one's cheeks. This anachronistic Miesian extension is loaded with contemporary technical features. The classical stainless steel cornice, for instance, contains a five-meter movable awning, a heating and anti-bug system for the terrace, and lighting fixtures reminiscent of headlamps.



one urbanism

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INNOVATION DISTRICT BUIKSLOTERHAM

Buiksloterham is a former brownfield area in Amsterdam-North, currently under redevelopment. The Economic Board of the City of Amsterdam assigned Buiksloterham the status of Innovation District / Urban Living Lab. A traditional large scale top down masterplan was designed, but due to the current economic crisis and the level of pollution in certain parts of the neighborhood all development came to a standstill. A number of stakeholders took this chance to develop this area with a new bottom up approach partly based on individual initiatives and partly on several collaborations. Shaping an environment based upon a circular economy and circular sustainability framework. One Architecture is both planner and participant of this development.



AMSTELLAAN, DEVENTER

In 2008, housing corporation Rentree's ambitious plans for the transformation of the Deventer Rivierenwijk came to a slow stop. 300 houses were already demolished in the process, leaving a neighborhood torn to pieces. One's subsequent Urban Framework describes new spatial starting points, conditions and directives. It indicates how the actors' various spatial interventions, e.g. the reconstruction of the Amstellaan, 500 new houses, local facilities, neighborhood connections, and landscape structure, will combine into a coherent result. All obstacles obstructing the restart have been solved with the designs of the plan's components. An important feature in the design and how the neighborhood will function in the future was integrating and widening the Amstellaan, a main traffic artery. In the past, developers and engineers had imagined many options, all equally unfeasible and undesirable, all based on a pure technical infrastructural logic. One Architecture changed roles: by making the engineers work with the designers, One Architecture created a new design. Suddenly, the design was within budget and received the full support of the area's residents.

LEIDEN CENTRAAL

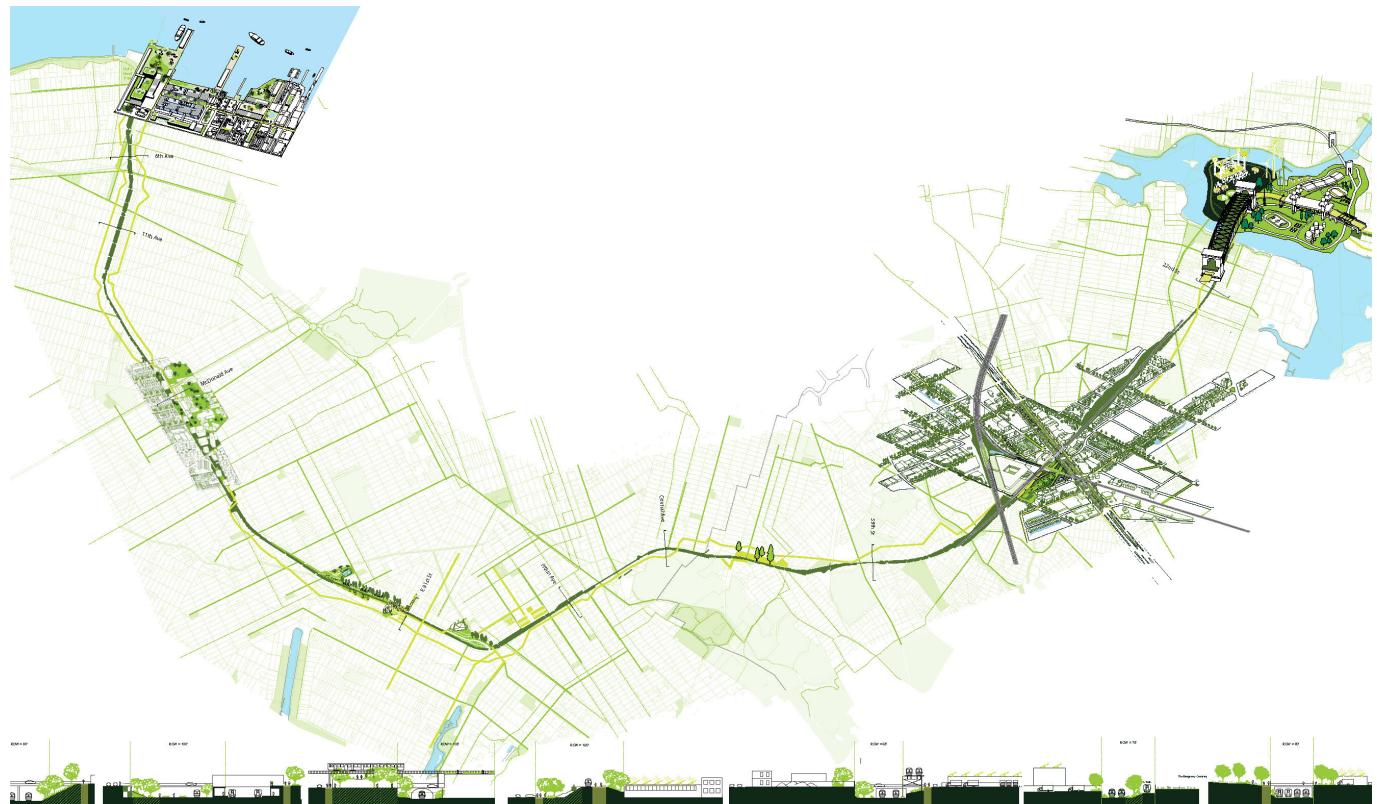
One Architecture and NS Poort have developed a vision for the integral development of the area around Holland's 5th largest station. The demonstrated possibilities for new, high-density mixed program have persuaded other stakeholders to co-invest in the project. Client: NS Poort BV; 2008

LES HALLES, PARIS

In the design One Architecture made with O.M.A., XDGA and Agence Ter for Les Halles, Paris main transportation hub and second-largest shopping mall has been reorganized underground and, by lining the underground to a new park, given new meaning for the city. Client: SEM Centre; 2003

*ne planning

ONE is at the forefront of sustainable, resilient urbanism and smart city technology. One Architecture has worked prominently on the Netherlands' spatial planning. Initially for private clients, ONE helped develop the project for Schiphol at Sea and, in a series of studies for the Consortium Transrapid, 'Randstad Round', as well as on several of the national government's most important planning projects. More recently, ONE has worked internationally on projects for the German federal ministry, Delhi 2050, 100 Resilient Cities, the Asian Development Bank and the Regional Plan Association.



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RPA REGIONAL PLAN IV: TRIBORO CORRIDOR

As part of the Four Corridors Design Initiative for RPA's Fourth Regional Plan, ONE + Only's scope was to develop a comprehensive design for the Triboro corridor on the base of the research and growth projections done by the RPA (2040). The team's goal is to develop a new, broad vision that transcends existing jurisdictions and political boundaries. This aim of the design proposal is to communicate the opportunities and importance of the region to the local community and stakeholders in order to make a pathway towards positive transformation.

OHS (OLYMPIC MAIN INFRASTRUCTURE)

VROM (The ministry of spatial planning) commissioned One Architecture, in combination with Zwarts & Jansma Architecten, to design the Olympic Main Infrastructure for the Netherlands for the Games in 2028. The OHS approaches the spatial assignment related to ambitions in the field of sports, economy, sustainability, welfare and society. The result of One Architecture's work is the invention of a mechanism to deal with the inherent tension in the field of spatial development. A method of planning is being proposed in which, starting from a wide scope plans are increasingly focused: rather a road map than a design. This results in a way of planning in which public discussions, innovations, change and unforeseen developments can find their place, not by changing the plan but by defining moments of choice and decisions in order to focus the plan more and more. Those moments also create the politically very important 'exit'.

GOUDA OOST

One Architecture is the urban planner and supervisor for Gouda Oost. In the past years, Gouda-Oost had become an (undeserved) symbol of the difficulties in new towns. When ONE started, in 2008, residents, municipality and housing corporations had already been cooperating for some time to transform and upgrade this neighborhood in Gouda without much success. In an essay, One Architecture suggested an adaptive 'open' plan that will be filled in piece by piece, by involving local authorities, stakeholders and especially local residents. With the urban plans for 3 different parts, One Architecture has now elaborated the first parts of the renewal.

STRUCTURE VISION RANDSTAD 2040

For the long-term planning of the western part of the Netherlands, the densely populated Randstad, Matthijs Bouw led the design studio for networks, and developed, in the integration studio, the three different future scenarios that formed the basis of the Government plan. Client: ministerie van VROM, Den Haag; 2008

one resilience

One Architecture is a global leader in resilience infrastructure, through flagship projects in New York and other cities, as well as through its consultancy for, a.o., 100 Resilient Cities and the Asian Development Bank. One Architecture founder Matthijs Bouw is the Rockefeller Urban Resilience Fellow at the University of Pennsylvania. Resilience is the ability to deal with shocks and stresses, and to transform itself within critical thresholds. ONE understands resilience as the primary lens through which complex systems can be enhanced and transformed. ONE views resilience as a focal point around which our office re-imagines local economies, urban systems and infrastructure.



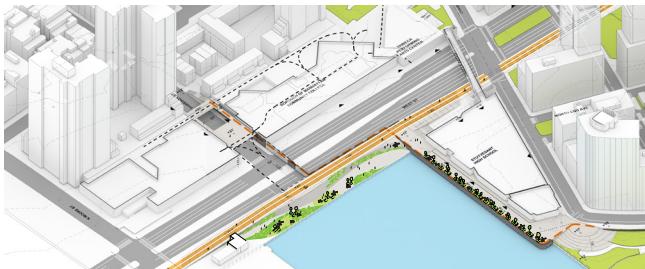
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EAST SIDE COASTAL RESILIENCY (ESCR)

Scheduled to begin construction in 2019, ESCR is an integrated coastal protection and community infrastructure project serving Manhattan's Lower East Side, and the first compartment of the Big U masterplan to move toward implementation. Since the culmination of the Rebuild By Design competition and the award of \$335M in funding from HUD, One has continued in its role as Urban Planner and co-lead for Urban Design (with BIG), working as part of a large multi-disciplinary team to develop the project through Concept and Preliminary Design, with Construction Documents set to begin in late 2017.



LOWER MANHATTAN COASTAL RESILIENCY

LMCR, the second compartment of the 'Big U' to move forward, is a feasibility, planning, and design study to understand the best strategies for implementing flood protection for Lower Manhattan. Representing an incredibly diverse physical, social, and political cross section of the city, this project poses many challenges and opportunities in synthesizing broader urban agendas in the implementation of flood protection. LMCR is in its first contractual period, with NYC's Economic Development Corporation, for concept design and feasibility studies. In its current stage, One is leveraging its expertise from previous (and concurrent) infrastructure projects to test the feasibility of different strategies of implementation (in terms of spatial, structural, and regulatory considerations).

CLIMATE READY BOSTON: PHASE I

Climate Ready East Boston and Charlestown is an initiative to generate district-scale solutions to flooding from sea level rise and coastal storms. The preliminary phase of the project, completed in August 2017, endeavored to develop solutions that can be implemented in and around these flood entry points to provide the districts with greater protection for sea level rise and coastal flooding. The proposed solutions span a range of interventions, including physical infrastructure projects, design standards, regulations, and financial incentives. Physical solutions include flood walls, elevated public spaces, and natural wetland buffers. The outcome of the multi-stakeholder process included a longer term vision, preliminary designs, and an implementation roadmap.

"THE BIG U" (REBUILD BY DESIGN)

The Big U/Dryline is a protective system that encircles Manhattan, responding to the needs and concerns of the island's diverse communities. Stretching from West 57th Street south to The Battery and up to East 42nd Street, Big U/Dryline protects 10 continuous miles of low lying geography that comprise an incredibly dense, vibrant, and vulnerable urban area.

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