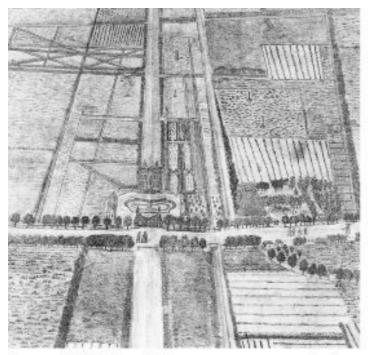
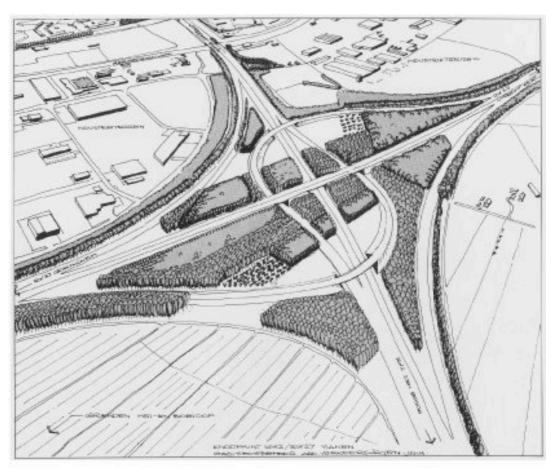


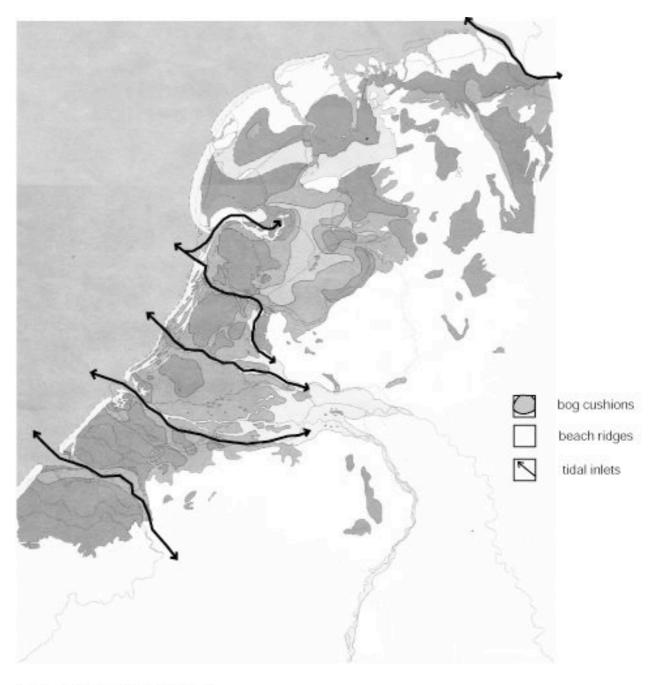
The Dutch Delta



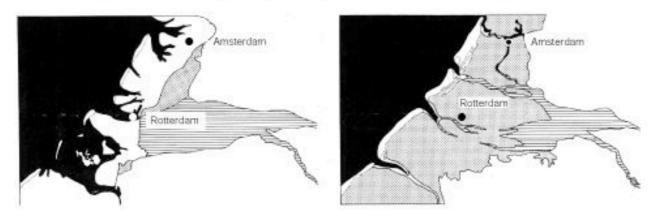
Sparrendaal (Driebergen) the entrance avenues anchor the countryseat within the landscape



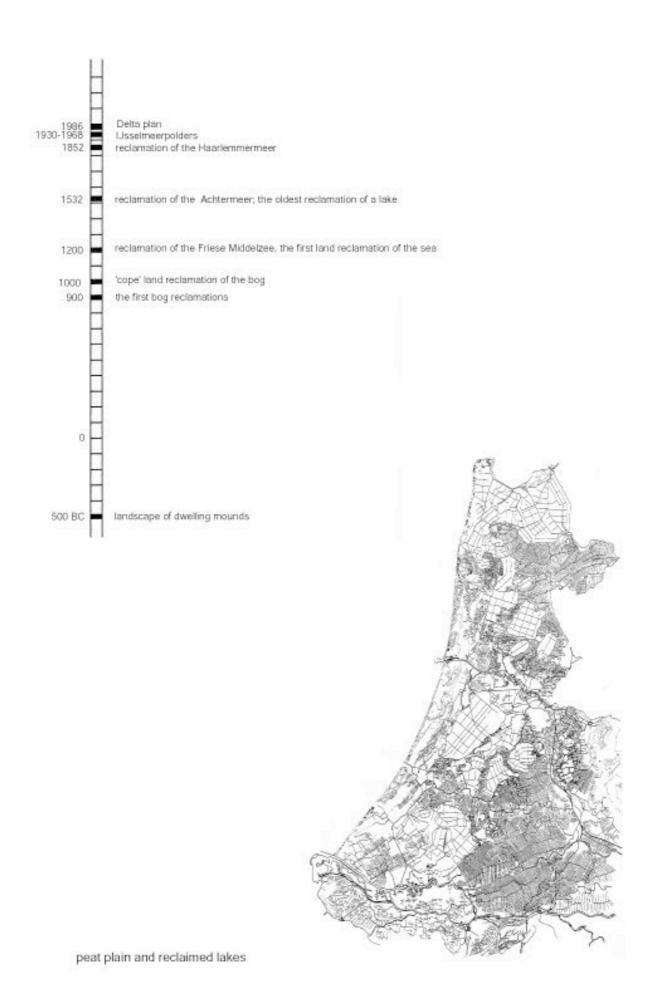
traffic juntion Vianen, design Bram Effers and Rob Nas, 1980)



the form of the natural landscape.
In the sheltered lagoon behind the beach ridges thick layers of bog are formed; tidal inlets traverse the bog.



shifting relations between sea, rivers and bog created the landscape of the Delta

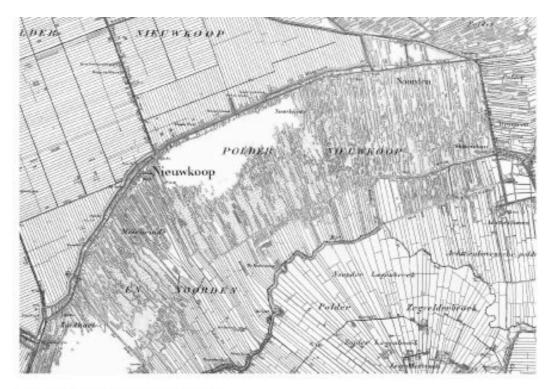




peat reclamations: the elongated plots (the Northern Holland peat district)



peat reclamations: the 'cope' the Utrecht and Holland peat district)



peat reclamation in polder Nieuwkoop (Utrecht)



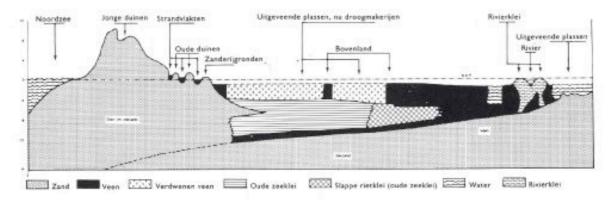
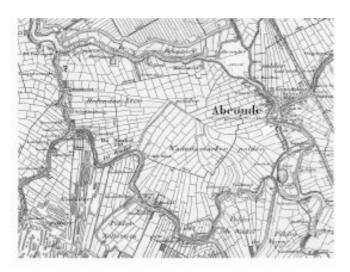


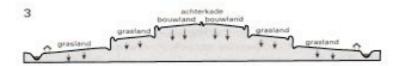
diagram of a peat reclamation landscape



peat reclamations; the Holendrechter and Waardassacker polder (Utrecht)





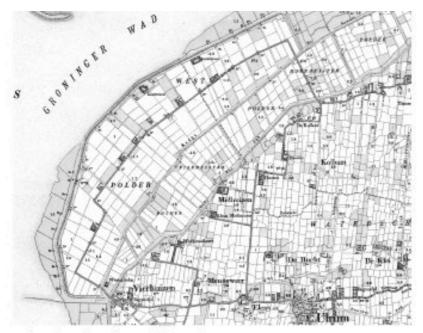




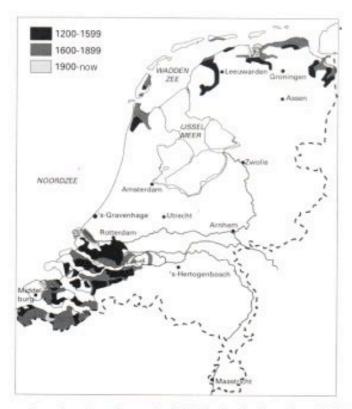




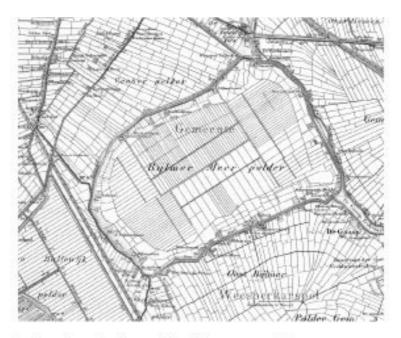
scheme of the peat reclamation in Holland and Utrecht



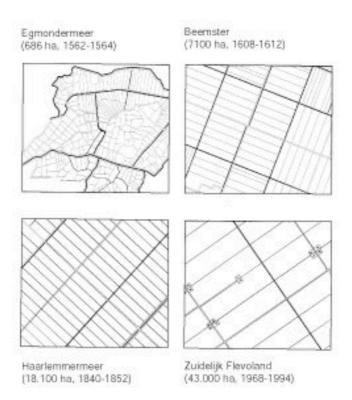
reclamations from the sea: Westpolder (North-west Groningen)



reclamations from the sea in the Netherlands since about 1200

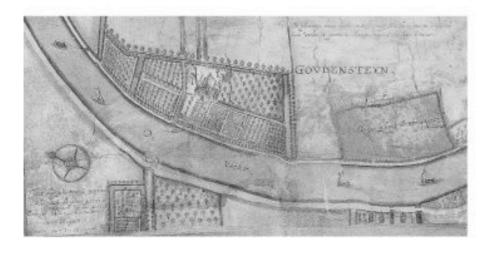


land reclamation from a lake: Bijlmermeerpolder (North-Holland)

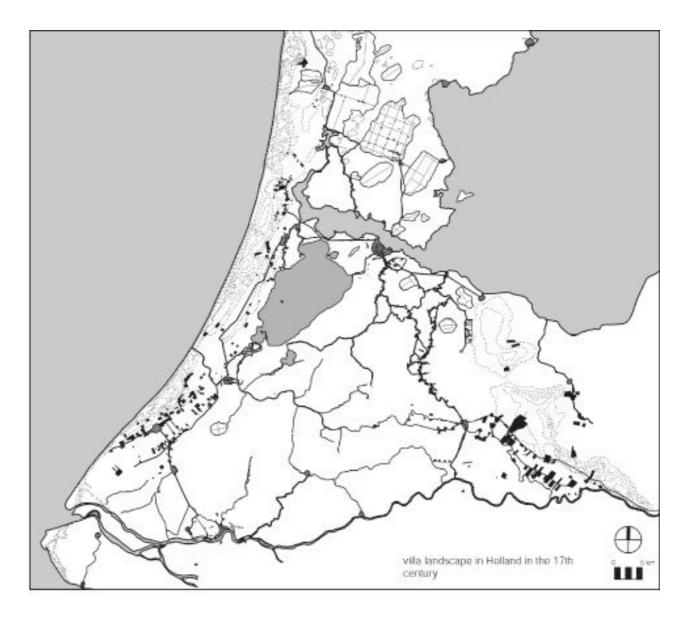


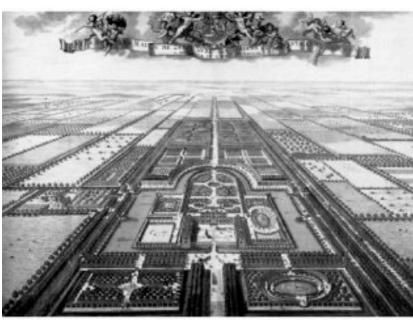
parcelling in 4 characteristic patterns of reclaimed lakes



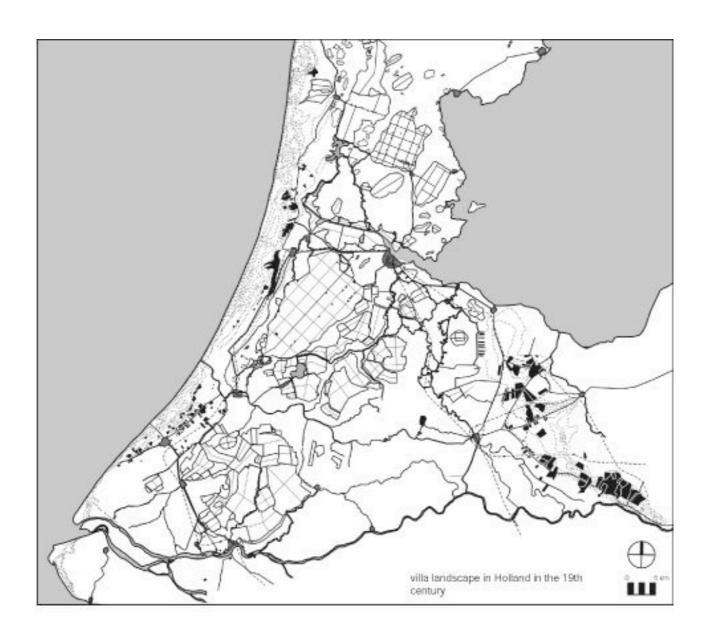


16th century homestead along the Vecht (Bathasar Florisz, van Berckerode, 1629)





16th century villa along the Vecht; transformation of the cultural landscape (D. Stoopendaal, c. 1700)

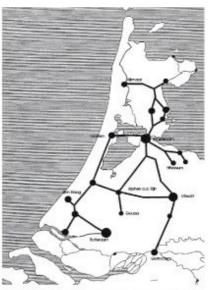




17th century villa as a representation in the natural landscape: slot Zeistt (1869)



earliest urbanization: The Friesian merchant routes between Dorestat and Het Vliet in the early Middle Ages



the network city of the 17th century: canals connected the Dutch cities.

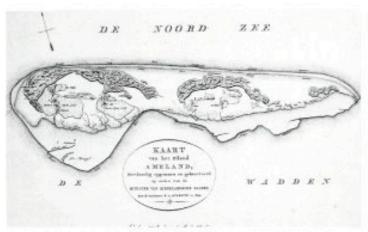


urban landscape: canal city Amsterdam as a transformation of the IJ, the Amstel and the parcelling of the polders



urban landscape: Egmond aan Zee





Ameland

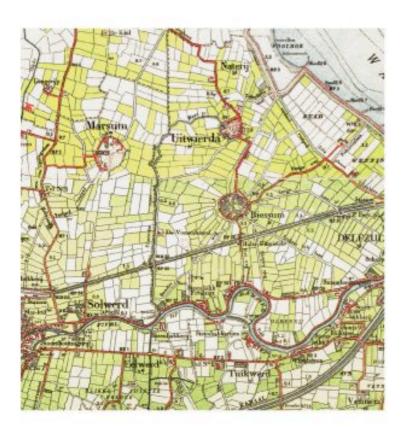


the Dutch Shallows

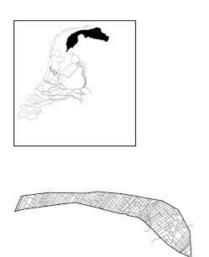




the dwelling mound landscape



two dwelling mound villages in Groningen: Marsum and Biessum The marshland is reclaimed from the villages



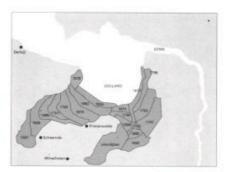
embanked accretion in the Shallows : Oostpolder



the Middelzee

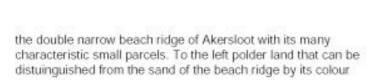


land reclamation at the Shallow of Uithuizen

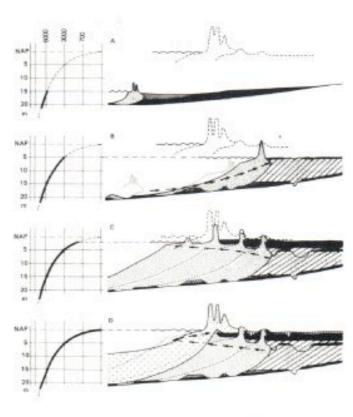


succession of land reclamations in the Dollard









The genesis of the Dutch dune coast. The diagrams at the left represent the rise of the sea level during the past 7000 years.



Districted afterlanger well outle pair of the control on dustables

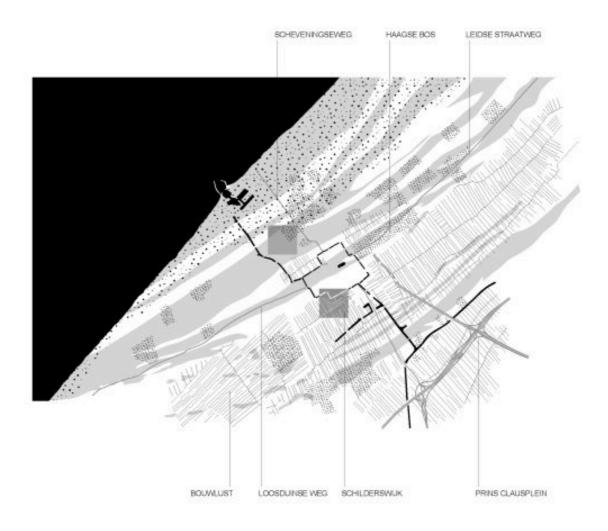
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## **DEN HAAG**

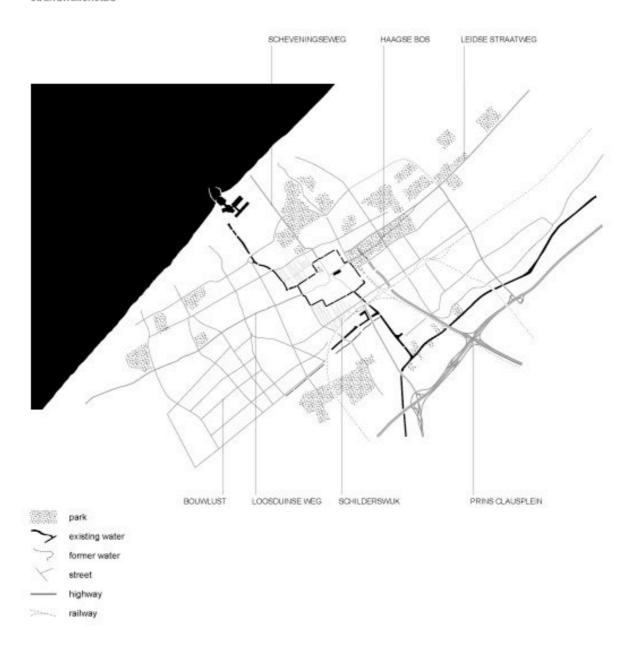




The urban pattern projected on the pattern of the natural and cultural landscape.

## **DEN HAAG**

### strandwallenstad



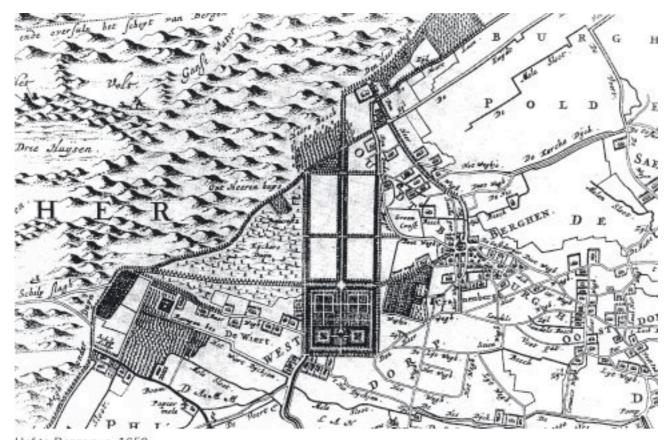






fragment Schilderswijk

Elements of the city plan reacting on the original landscape.



Hof te Bergen, c. 1650 (gravure J.J. Dou, Territori Bergensis accuratissima descriptio, detail)



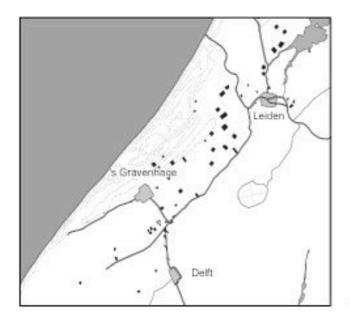
Wijkermeer 1729
villa's

vila

vila

brooks and careix

vila



villa landscape The Hague 16th century

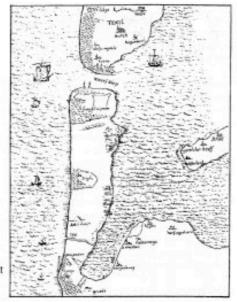


villa landscape The Hague 17th century

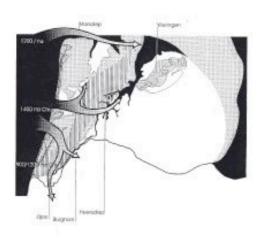


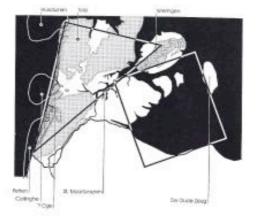
villa landscape The Hague 19th century

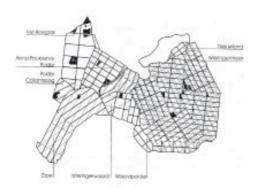




The Zijpeboezem (bossom) before the embankment (drawing after the map of the province of Holland by Jacob van Deventer; 1542)



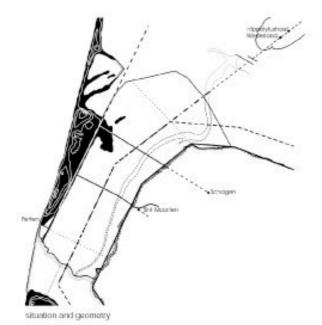


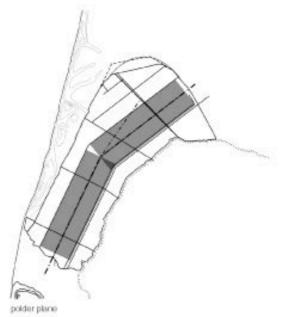


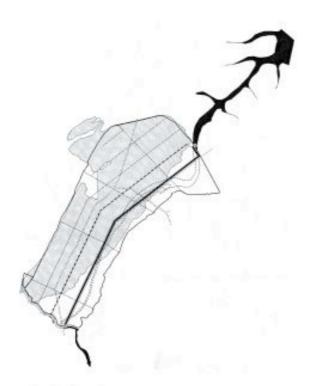
# Zijpecomplex

TT water

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dures as they are rewadoys	water
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topographical pattern of the	reclamations
Paramaton Paramaton	
All buildings	



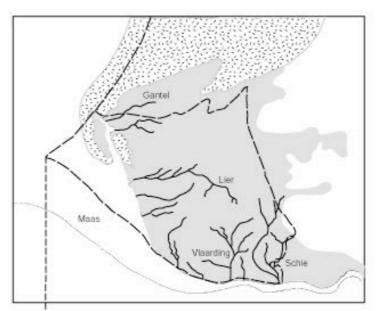




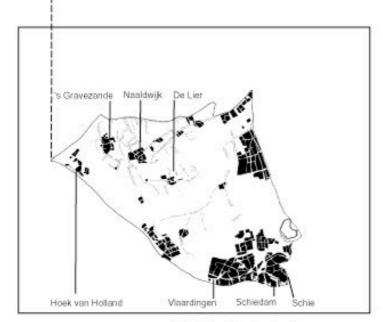
position of the Groote Sloot

the Zijpe

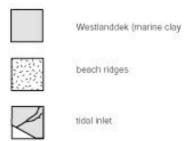




the Westland: natural landscape

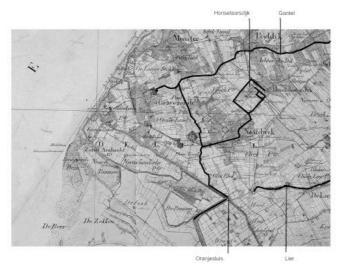


the Westland: urban landscape



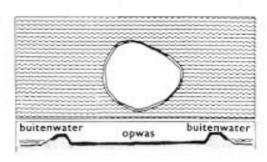


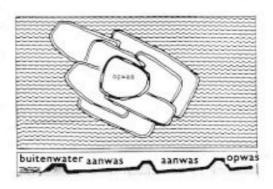
Honselersdijk seen from the crescent shaped entrance space. Three canals are enclosing one another: around the house, around the garden and around the park. Two long lanes connect the park to the Gantel and behind one can see the dunes, (17th century, C. Allard)



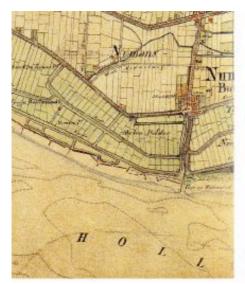
The canals of Honselersdijk are connected to the Meuse







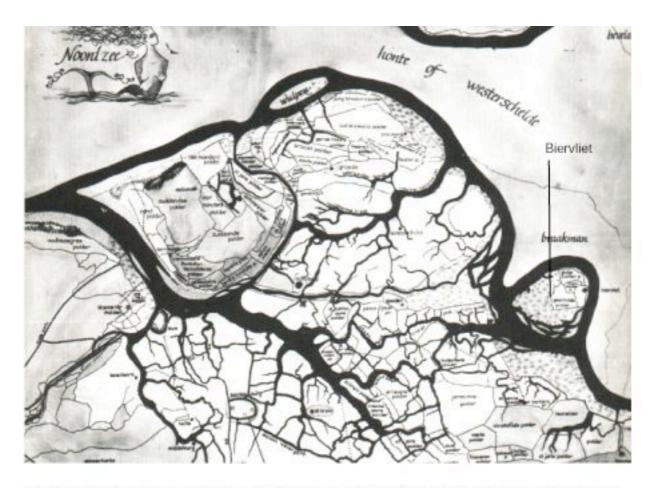
sediment-grown islands and accretions



Numansdorp was situated on the Hollands Diep until it was cut off from the water by accretions. A canal was dug to keep the connection



Inundated areas after the flood disaster in 1953



West Zeeuwsch Vlaanderen around 1600. Biervliet was an island; many areas like the environment of Schoondijke were inundated at that time.





#### ROTTERDAM

bedijkingenstad







fragment Vronnijk

Elements of the city plan reacting on the marine clay landscape with its original ring polders.



the Wieringermeer



the Wieringermeer, early design (P. Loke and J. Wellan) 1870



the Noordoostpolder





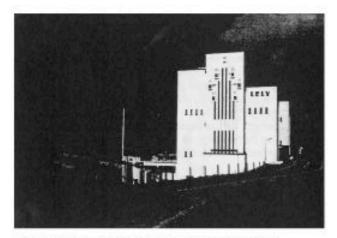
Oostelijk Flevoland



Oostelijk Flevoland, landscape plan (De Jonge, 1961)



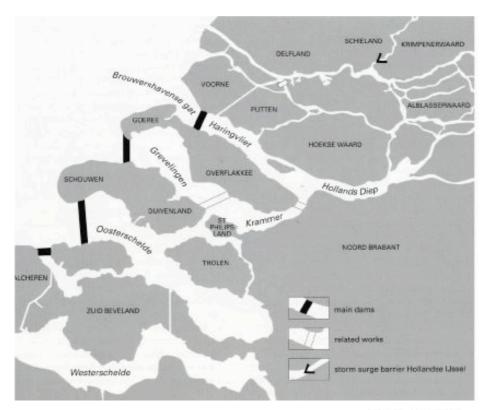
the Wieringermeer



Lorentzsluizen, designed by D. Roosenburg, 1933



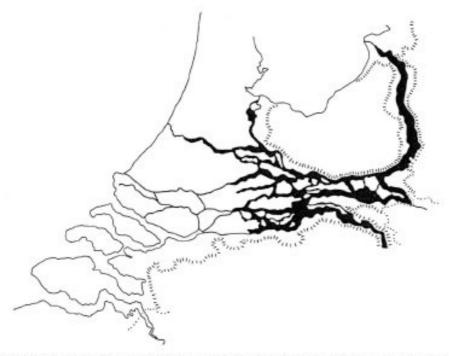
pumping station 'Lely', designed by D. Roosenburg, 1930



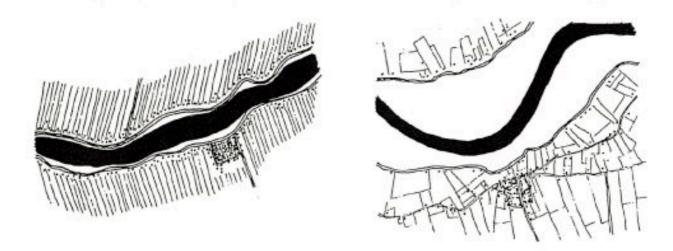
the Deltaplan, 1957



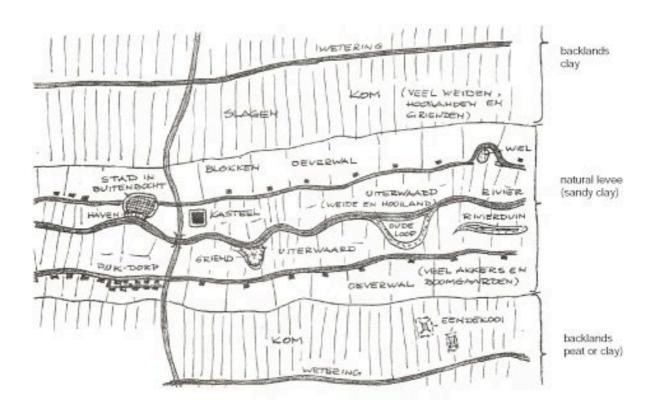
the Oosterscheldedam



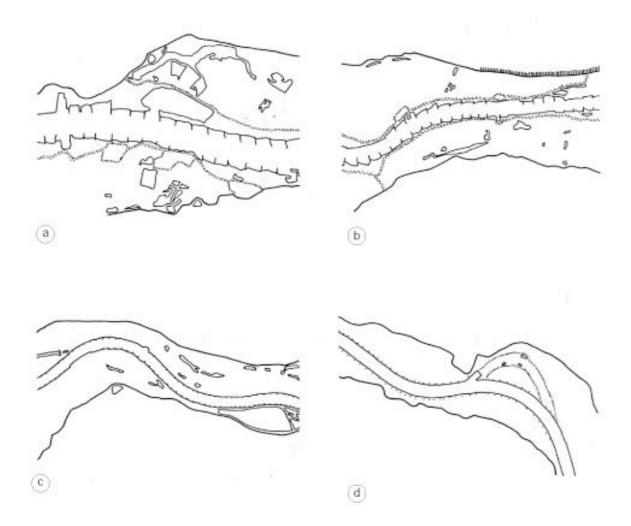
Ripples in the plain. The river plain has a relief by the alternation of natural levees and backlands



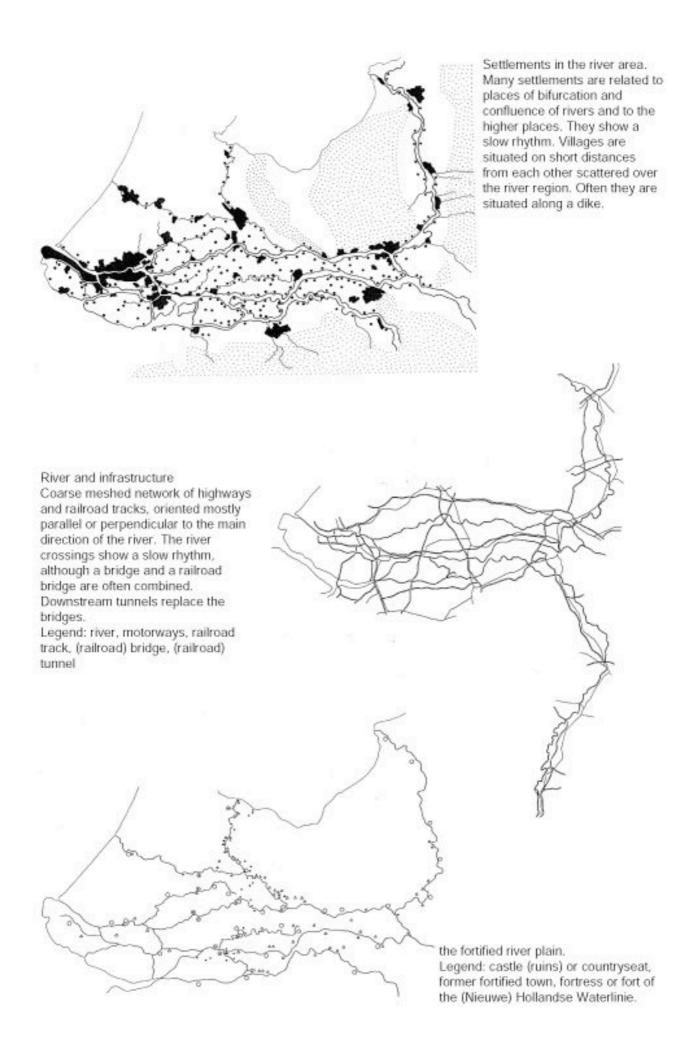
Upstream and downstream. The difference in scale between summer and winter bed of the river and the difference in pattern of built-up areas and parcelling



river landscape



The form of the river branches Waal, Neder Rijn, IJssel and Meuse. a. Waal near Ochten/Druten b. Neder-Rijn near Wageningen c. IJssel near Olst d. Meuse near Batenburg



# UTRECHT

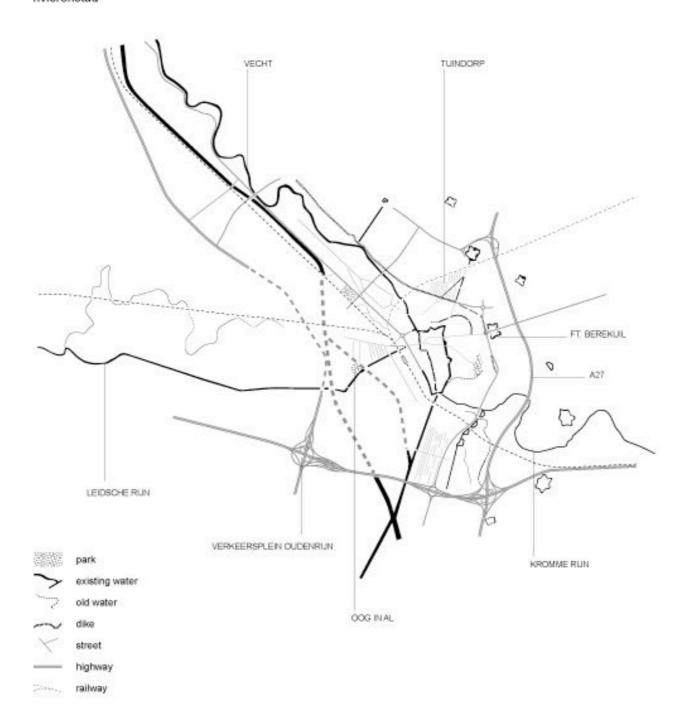




The urban pattern projected on the pattern of the natural and cultural landscape.

## UTRECHT

### rivierenstad



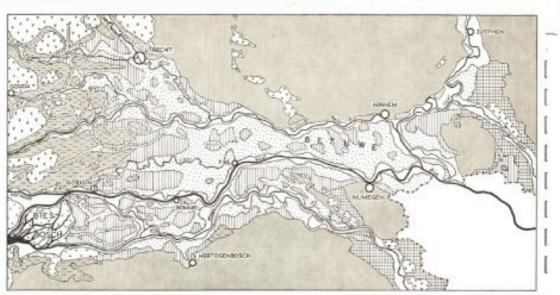




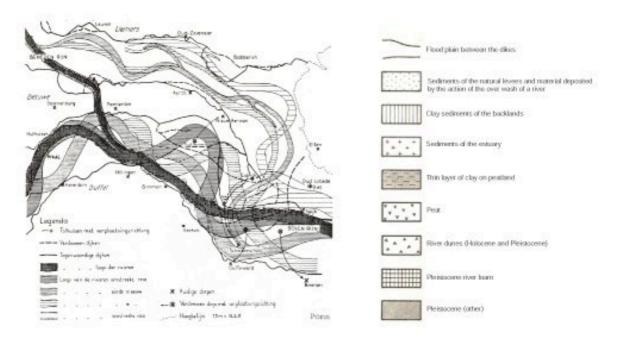
fragment Oog in Al fragment Tuindorp

Elements of the city plan reacting on the original landscape.

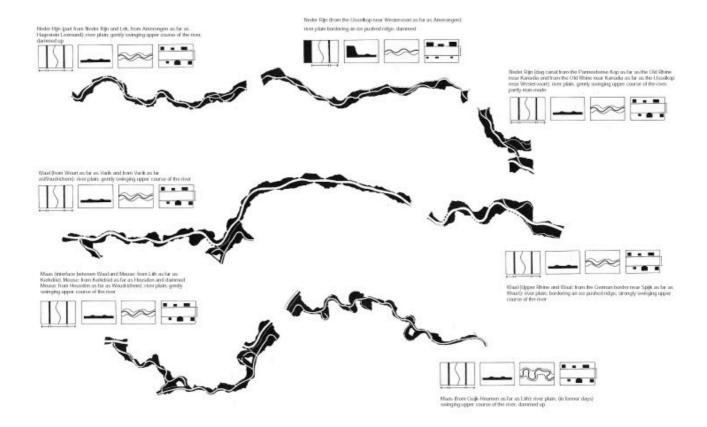


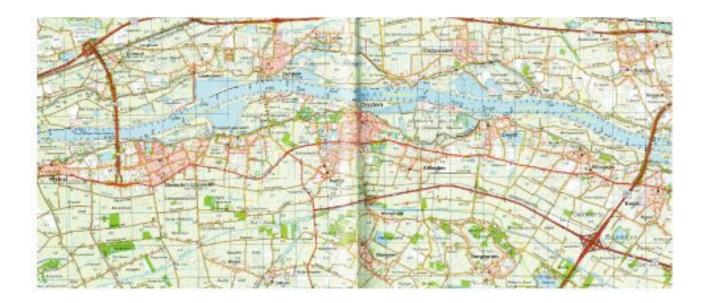


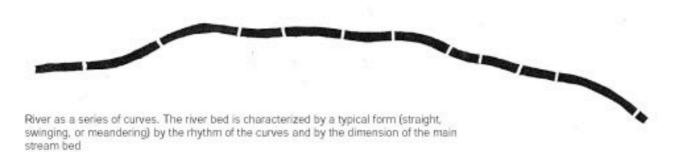
natural landscape



Changes in the landscape by shifting of the streambed









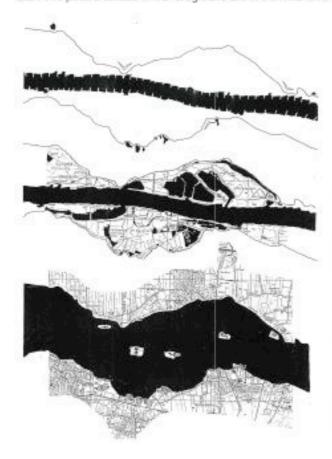
River as a series of floodplains with interfaces between river bed and winter dike. Between the streambed and the winter dike the floodplain or outer marshes are situated. The floodplain is characterized by its form, by a specific segmentation, by the rhythm of the contact points and by the surface.



Waal dike near Waardenburg with an abandoned ther course

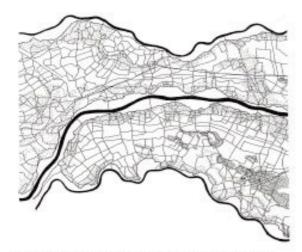


The same situation in winter time during an exceptional high water level 4 years later. The pollard willows in the foreground are in the meantime ripe for cutting.



River and dike, summer streambed and winter streambed, wet and dry.

- a. The contact points, where the winter dike changes its direction abruptly, are indicated. The dike has more local swinging than the river, especially near the pools or potholes. The rhythm of the river is dictated by the jetties.
- b. Water in the summer stream bed and the floodplain during low water level. In the floodplain elongated abandoned streambeds or 'strangen' are situated, potholes along the dike, old clay pits with remnants of embankments, large sand pits connected to the river and harbours on the contact points between river and dike.
- c. Water in the winter streambed. The high situated terrains of the brick ovens and the farmhouses lie as islands in the water. On the other side of the dike the church towers function as beacons.



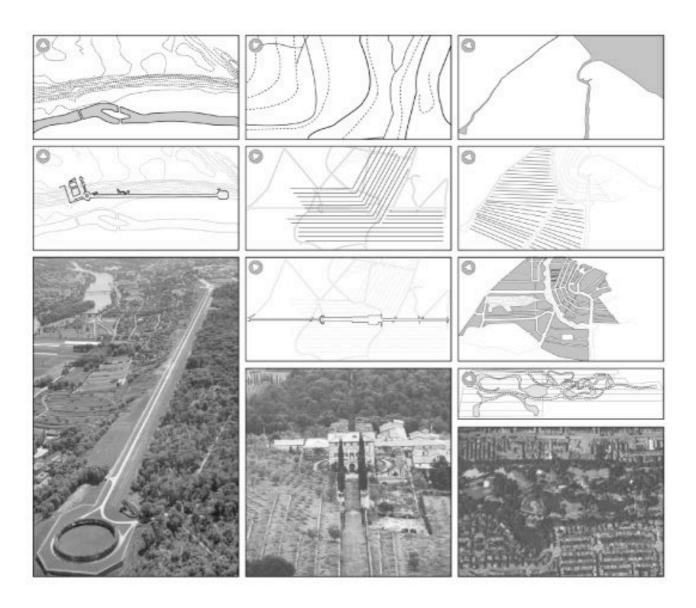
Zoning of the lowland, from river to river. Parallel zones of river streambeds, outer marshes (floodplains), winter dikes, natural levees and backlands. The network of roads is oriented mostly parallel or perpendicular to these zones. Villages are scattered on the natural levees in a rhythm of approximately one-hour walking fromeach other.



The rhythm of beacons along the routes on the dike and the river.



Congealed river form: the old meander of the Kromme Rijn between Werkhoven and Cothen. In 1870 this curve was cut short by the Hoge Leemkolk



layering of the landscape: natural landscape, cultural landscape, urban landscape and architectural landscape. The architectural landscape is a transformation of the foregoing three layers.

St. Germain-en Laye in Paris (1665-1669) is a direct transformation of the natural landscape of the river Seine. Villa Cetinale near Siena (1678) is a transformation of the cultural landscape of agricultural terraces, that in itself is a transformation of the natural landscape.

The Vondelpark in Amsterdam (1864-1877) is a transformation of the urban fabric, an adaptation of the cultural landscape, that again is an adaptation of the natural landscape of IJ, Amstel and Schinkel.