

City Centre Sustainable Design Housing Competition

Workshop 4: Space, Technologies and Materials

Professor Bob Giddings

Chair of Architecture and Urban Design

External Space Bob Giddings

What is the NHBRC? Busiswa Mlandu

Innovative and Sustainable Technologies Isaac Hartley

Indigenous Materials Isaac Hartley

sharepoint information [CCSDHC 2023](#)

queries and submissions

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External Space

as important part of the design as internal space

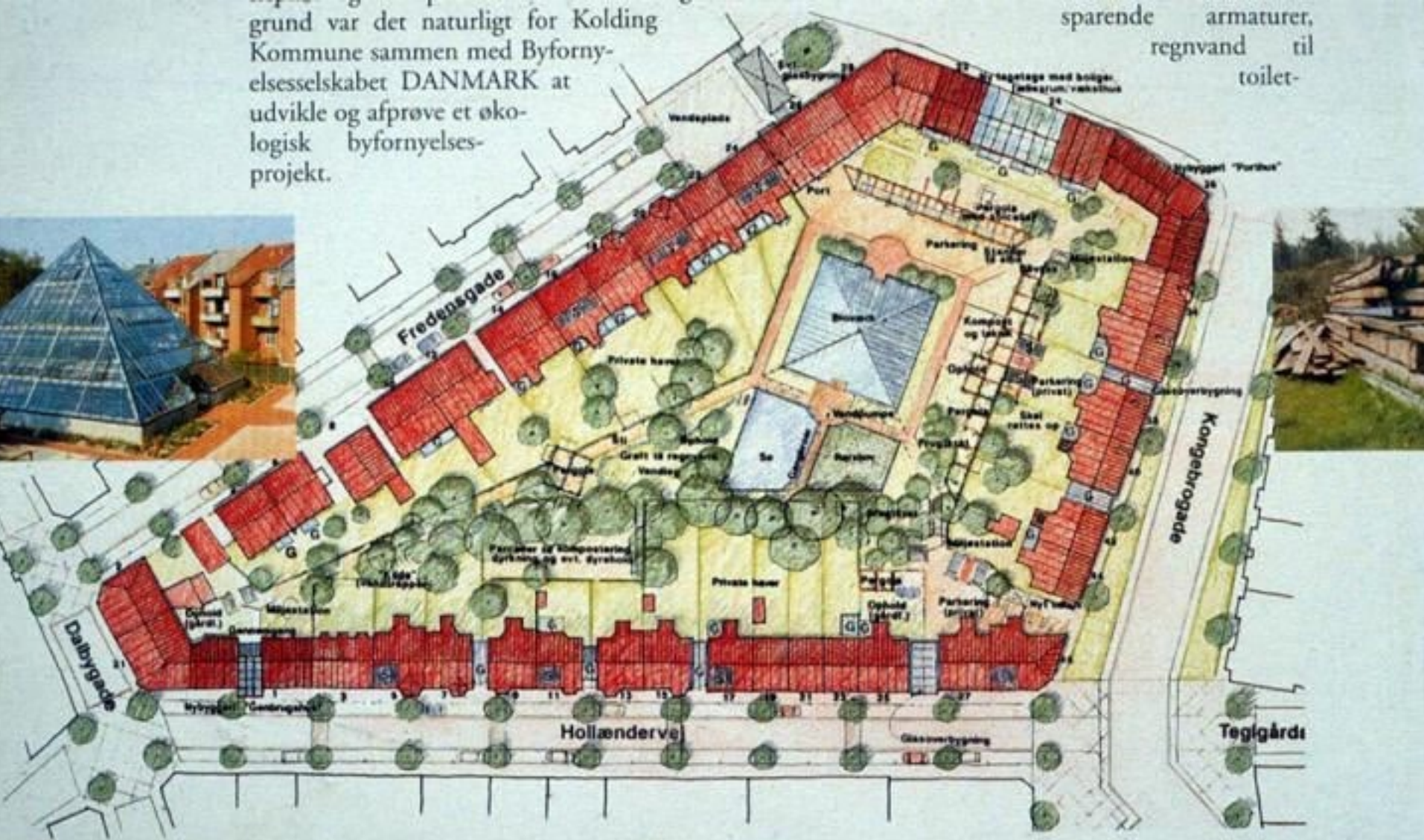
Interaction between the two

defined and contained by building

safety and protection of external space

grund var det naturligt for Kolding Kommune sammen med Byfornyelsesselskabet DANMARK at udvikle og afprøve et økologisk byfornyelsesprojekt.

sparende armaturer, regnvand til toilet-



but avoiding architecture as a barrier

breaking down solidity

permeability

pulling elements apart

spaces at different scales – different uses and variety

three-dimensional design

does building need to define the site?



using building to define different spaces



use of structures to
define external spaces
especially small spaces
adjacent to building



external spaces
at different levels



fun structures



structures as meeting places



small area of hard surface, permeability, routes and access



alternative activities – eg library



secluded growing areas, with structures



planting on structures



food production on structures



river as amenity
can it be reduced
in size and
dominance?



bridges as design

