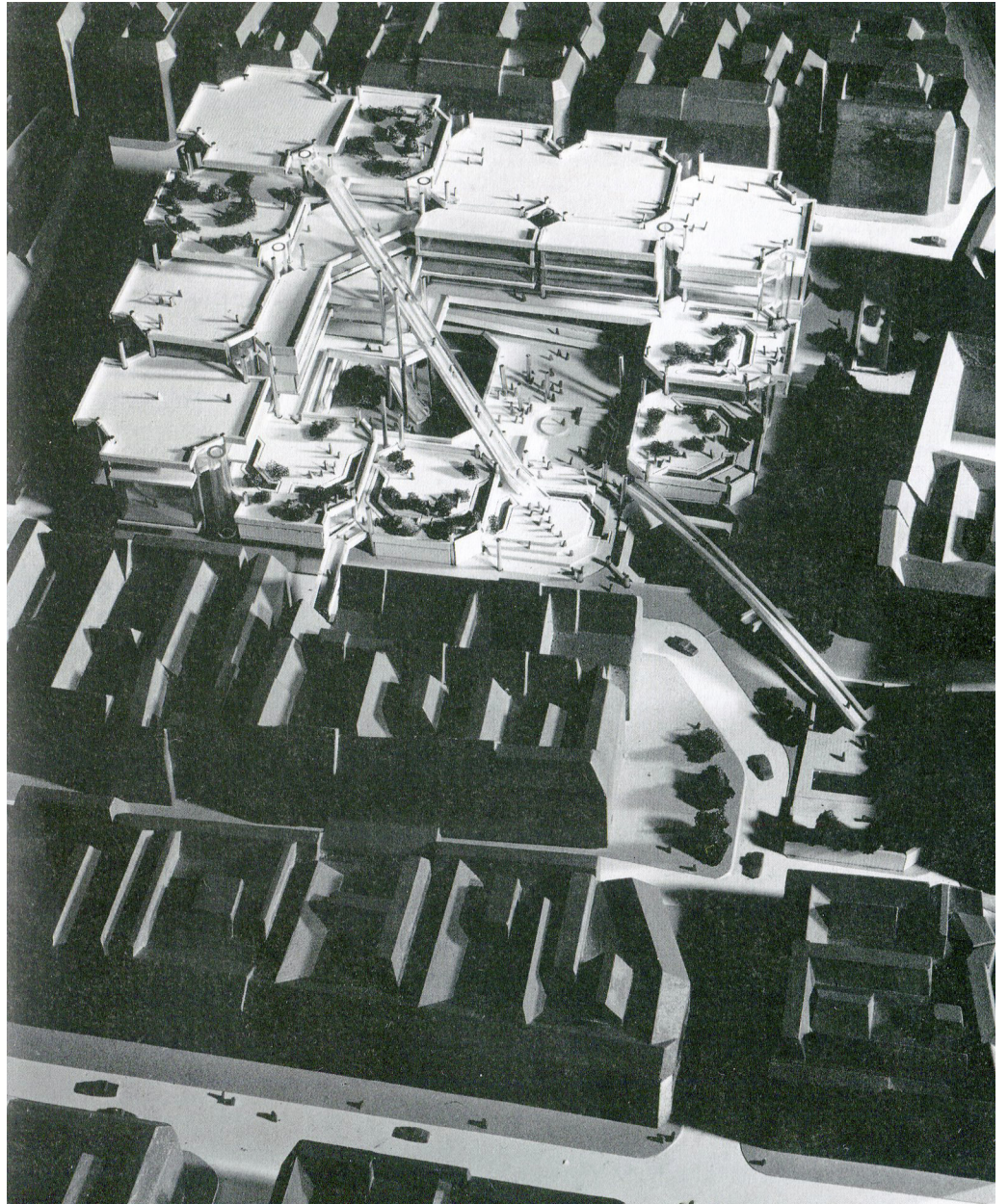M-Arch T
PIV

Typology Research
Multi-Service Centers

Typological Constellations of Multi-Service Centers
For the 'project integrated research' (PIV) the M-ARCH T studio
investigates building types that are operating as local hubs offering a
variety of programs such as civic functions, multi-service facilities and
commercial units. Through the analysis of existing reference projects
from the international context various spatial constellations between
public and commercial programs are identified and evaluated
according to their urban impact.
The reference projects serve as a template and diagram for the
configuration of the programmatic components of the semester
project 'Tempelhof Center'.

The particular approach to typological investigations envisions the
components of hybrid programmatic formations as vocabulary for the
realization of a certain type of urbanity within the building.
The 'city within the building' or 'Großform', a term coined by Oswald
Matthias Ungers, refers to the establishment of a urban system
within the perimeter of the given project. What is the spatial syntax
between various programmatic components? What is the relationship
between the parts and the whole? How can we develop a building
complex through relational design practice where program, space and
structure are assembled according to reciprocal impacts?

By looking at typological constellations in selected reference projects
the applied research of the PIV is also developing a catalogue of
programmatic and spatial elements that serve as the basis for the
development of future building typologies for multi-service centers.

M-Arch T
PIV

SCHEDULE

Tempelhof Center	PIV		
Master Studio	Typology Research		
	Phase 1 Case Study	OCT 20	Hand-out PIV + Studio Start
		27	Input 1 Libraries
	Phase 2 Typological Matrix (Catalogue) + Translation	OCT 03	Interim Presentation PIV
		10	Pin-up Design Task 1
		17	Input 2 References
		24	Desk Crits
		DEC 08	MIDTERMS 1 PIV + Design + Concept
		12	MIDTERMS 2
		FEB 08	FINAL PRESENTATIONS

HAND OUT
OCTOBER 20, 11am
Studio

- Assignment
- Reference project
- Templates

INTERIM PRESENTATION
NOVEMBER 3, 2pm (to be confirmed)

- Presentation of the analysis in the format of the given A3 templates
- Axonometric Drawing of the configuration and the context (A2 templates)

PIV PRESENTATION (MIDTERM 1)
DECEMBER 8

- Typological analysis + catalogue + translation

ASSIGNMENT — PHASE 1
Investigate the selected reference project according to the research categories (see following) page. The descriptive text of the research to be accompanied by additional drawings, diagrams and images.
An axonomtric drawing of the reference project has to be eleaborated according to the given templates.
The given reference project has to be analyzed in view of the constellation of its programmatic and spatial components. Following Christopher Alexander's analytical framework of ‚Pattern Language' where specific elements are described according to their prototypical function (programmatic, spactial, athmospheric, performative, etc.) within a given context, the syntax of typological components will be at the center of the interpretation. Based on the relationship of these components, a spatial drawing has to be developed that serves as a conceptual framework for a typological translation into the design project.

PREVIEW — PHASE 2
After the interim presentation we will development a catalogue of typological element that serves as a collected vocabulary, a new type of ‚pattern language' for multi service centers.

Research on the reference projects will follow 4 categories:
context/history—program—components—spatial structure
For each category an InDesign A3 template is provided that
address the important questions for each topic.

CONTEXT/HISTORY

With the contextual research the historic as well as the
physical context is investigated. It includes the evolution
of the given reference, the (social, political, economic)
conditions under which it was developed, but also the
immediate context where it is placed.

PROGRAM

The research on the programmatic system deals with
functional aspects as well circulation and programmatic
relations. How is the building program inscribed in the
overall organization of the city (addressing density and
programmatic mix)?

COMPONENTS

With the description of selected components of the
project the programmatic elements of the configuration
will be described. This refers to specific functions (library,
entrance, services,etc.) as well as to undefined in between
areas (foyers, internal public spaces, circulation, etc.).

SPATIAL STRUCTURE/SYNTAX

Finally, through the spatial investigation, the structure
and performance of the configuration is described. How
far are the spatial conditions (including proportions and
relationships between inside and outside) predefining
possible perfomative qualities and interactions between
specific components?