

DESIGN METHODOLOGY

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OF DEPT. OF PUBLIC BUILDING DESIGN

- ✦ PROGRAM OF SEMESTER COURSE
- ✦ 0. PREFACE - WELCOME - INTRODUCTION
- ✦ 1-4. WAY OF DESIGN
 - ✦ - COMPONENTS,
 - ✦ - METHODS,
 - ✦ - APPROACH
- ✦ 5. DESIGN FACTORS
- ✦ 6. DESIGN PHASES AND MEMBERS
- ✦ 7. ARCHITECTURE AND THE ARTS
- ✦ 8. SUSTAINABILITY IN ARCHITECTURE
- ✦ 9. DESIGN WITH ARCHITECTURAL MONUMENTS
- ✦ 10. NEW CONCEPTS OF DESIGN, SUMMERY

TASKS:

- research, archeology, documentation, information
- conservation, preservation,



Protection of Roman ruins, Chur, Switzerland
Peter ZUMTHOR

TASKS:

- research, archeology, documentation, information
- conservation, preservation,
- restoration, completion,



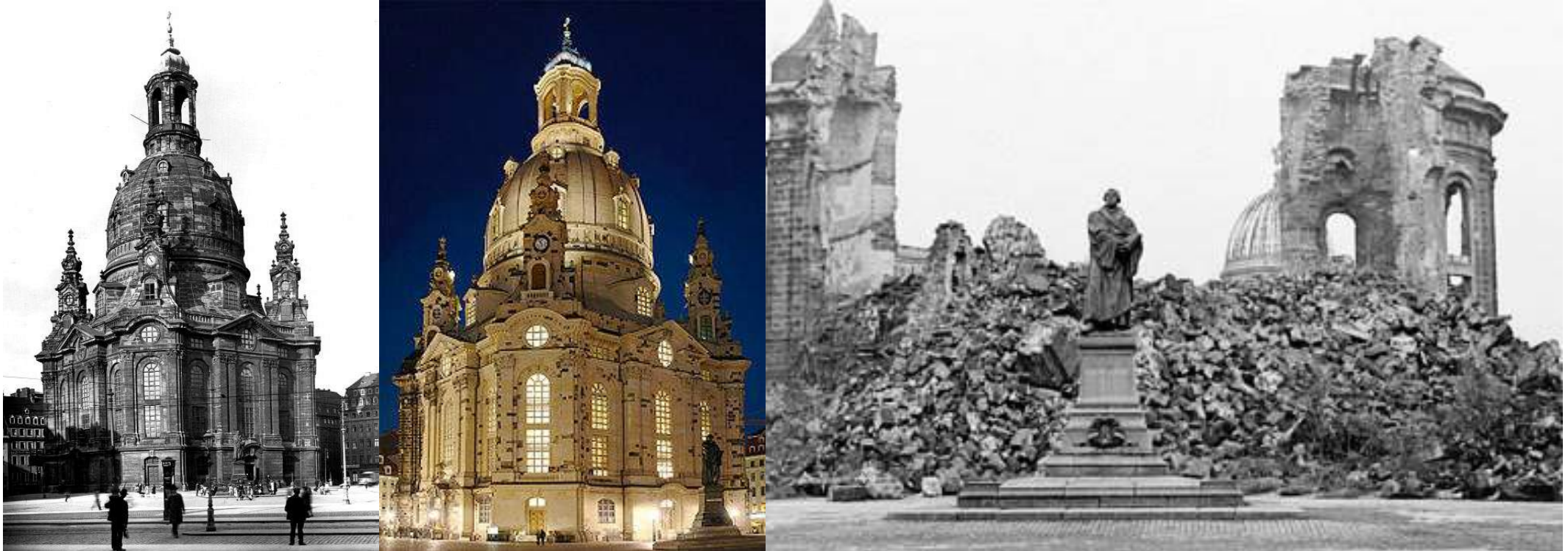
Restoration of Pompei



La Sagrada Familia
Barcelona

TASKS:

- research, archeology, documentation, information
- conservation, preservation,
- restoration, completion,



Restoration of Frauenkirche, Dresden

TASKS:

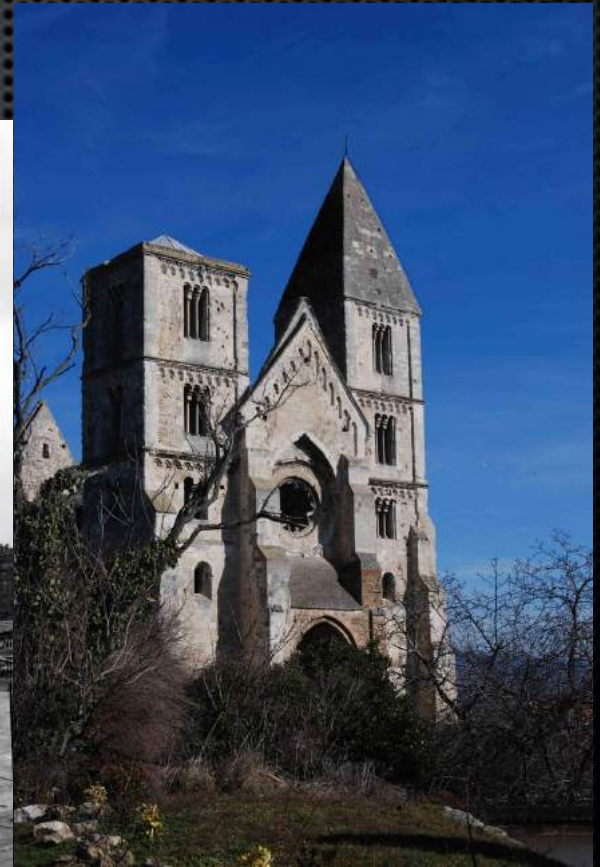
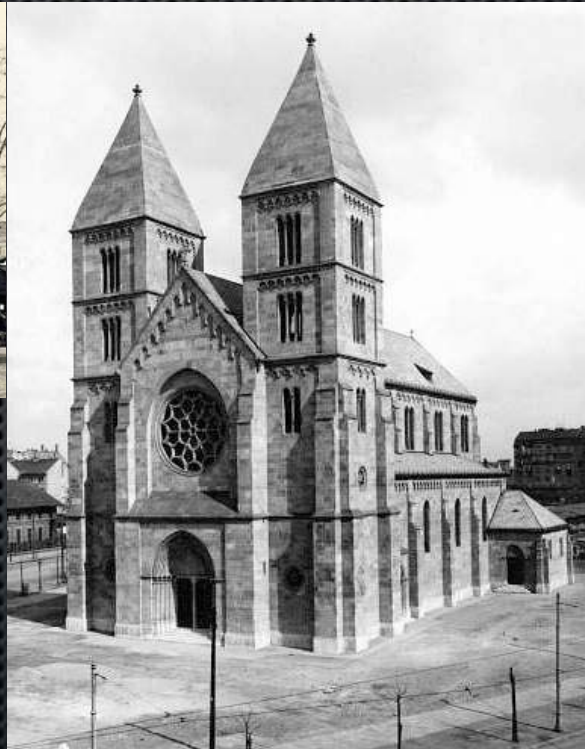
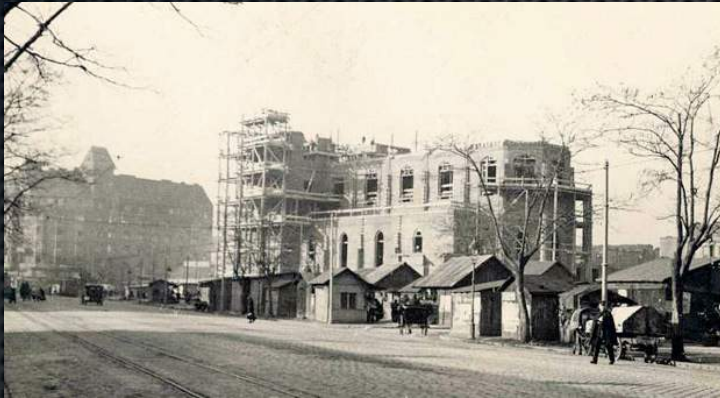
- research, archeology, documentation, information
- conservation, preservation,
- restoration, completion,
- reconstruction, anastylosis, exposition



Reconstruction of Stoa of Attalos Athens

TASKS:

- research, archeology, documentation, information
- conservation, preservation,
- restoration, completion,
- reconstruction, anastylosis, exposition



Monastery of Zsámbék 14th C.
vs
Church on Lehel tér Budapest 1935.

TASKS:

- research, archeology, documentation, information
- conservation, preservation,
- restoration, completion,
- reconstruction, anastylosis, exposition



Open-air architectural museum
Aarhus, Denmark

TASKS:

- research, archeology, documentation, information
- conservation, preservation,
- restoration, completion,
- reconstruction, anastylosis, exposition



Open-air architectural museum “Skanzen”
Szentendre, Hungary

TASKS:

- research, archeology, documentation, information
- conservation, preservation,
- restoration, completion,
- reconstruction, anastylosis, exposition, imitation



In-situ imitation of medieval cathedral
Puglia, Italy , Eduardo TRESOLDI

TASKS:

- research, archeology, documentation, information
- conservation, preservation,
- restoration, completion,
- reconstruction, anastylosis, exposition
- rehabilitation



Reconstruction and rehabilitation of Bagrati Church, Kutaisi, Georgia

TASKS:

- research, archeology, documentation, information
- conservation, preservation,
- restoration, completion,
- reconstruction, anastylosis, exposition
- rehabilitation



Preserved historical village
Hollókő, Hungary

TASKS:

- research, archeology, documentation, information
- conservation, preservation,
- restoration, completion,
- reconstruction, anastylosis, exposition
- rehabilitation
- revitalisation



Admiral Hotel Copenhagen
Revitalised storage building

The ATHENS CHARTER for the Restoration of Historic Monuments Adopted at the First International Congress of Architects and Technicians of Historic Monuments, Athens 1931

At the Congress in Athens the following seven main resolutions were made and called "Carta del Restauro":

1. International organisations for Restoration on operational and advisory levels are to be established.
2. Proposed Restoration projects are to be subjected to knowledgeable criticism to prevent mistakes which will cause loss of character and historical values to the structures.
3. Problems of preservation of historic sites are to be solved by legislation at national level for all countries.
4. Excavated sites which are not subject to immediate restoration should be reburied for protection.
5. Modern techniques and materials may be used in restoration work.
6. Historical sites are to be given strict custodial protection.
7. Attention should be given to the protection of areas surrounding historic sites.

THE VENICE CHARTER - 1964

(foundation of ICOMOS - International Council on Monuments and Sites)

1. DEFINITIONS
2. CONSERVATION
3. RESTORATION
4. HISTORIC SITES
5. EXCAVATIONS
6. PUBLICATION

Historic Gardens (Florence Charter) 1981

Charter for the Conservation of Historic Towns and Urban Areas (Washington Charter) 1987

Charter for the Protection and Management of Archaeological Heritage 1990

Charter on the Protection and Management of Underwater Cultural Heritage 1996

International Cultural Tourism Charter - Managing Tourism at Places of Heritage

Significance 1999

Principles for the Preservation of Timber Structures 1999

Charter on the Built Vernacular Heritage 1999

ICOMOS Charter - Principles for the Analysis, Conservation and Structural Restoration of Architectural Heritage 2003

ICOMOS Principles for the Preservation and Conservation-Restoration of Wall Paintings 2003

ICOMOS Charter on Cultural Routes 2008

ICOMOS Charter for the Interpretation and Presentation of Cultural Heritage Sites (also known as the 'Ename Charter') 2008

Joint ICOMOS – Principles for the Conservation of Industrial Heritage Sites, Structures, Areas and Landscapes 2011

The Valletta Principles for the Safeguarding and Management of Historic Cities, Towns and Urban Areas 2011 (Supersedes the Washington Charter)

In addition to the above there are fourteen other doctrinal texts. These include the 'Nara Document'.

Work with historic values - which are not famous monuments



Reconstruction of former town hall of Buda
Budapest Arch: Levente SZABÓ

Way of design



RETROSPECTIVE

Reconstruction
Fasadism
Imitative / stylised

IN HARMONY

Interpretations

INNOVATIVE

Neutral
Contrast

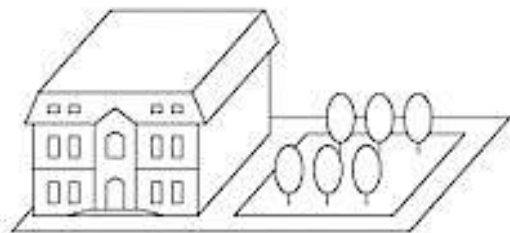
HISTORIC



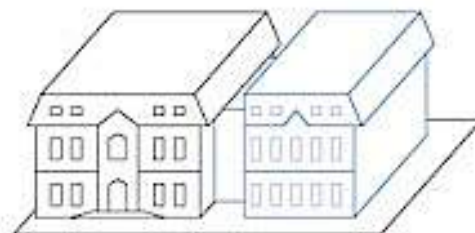
CONTEMPORARY

Slide from Eglė Navickienė
Vilnius University

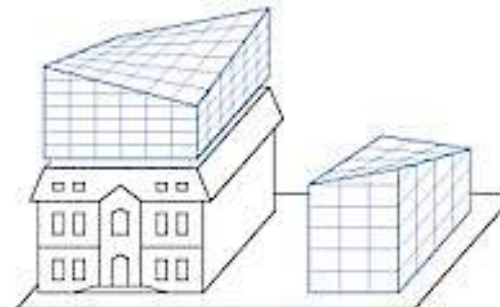
Way of design



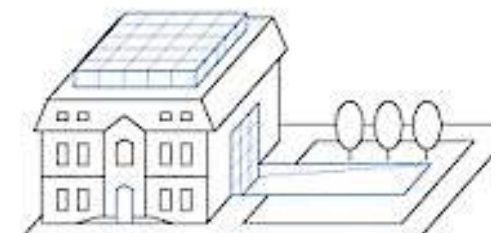
ORIGINAL



REPLICATION



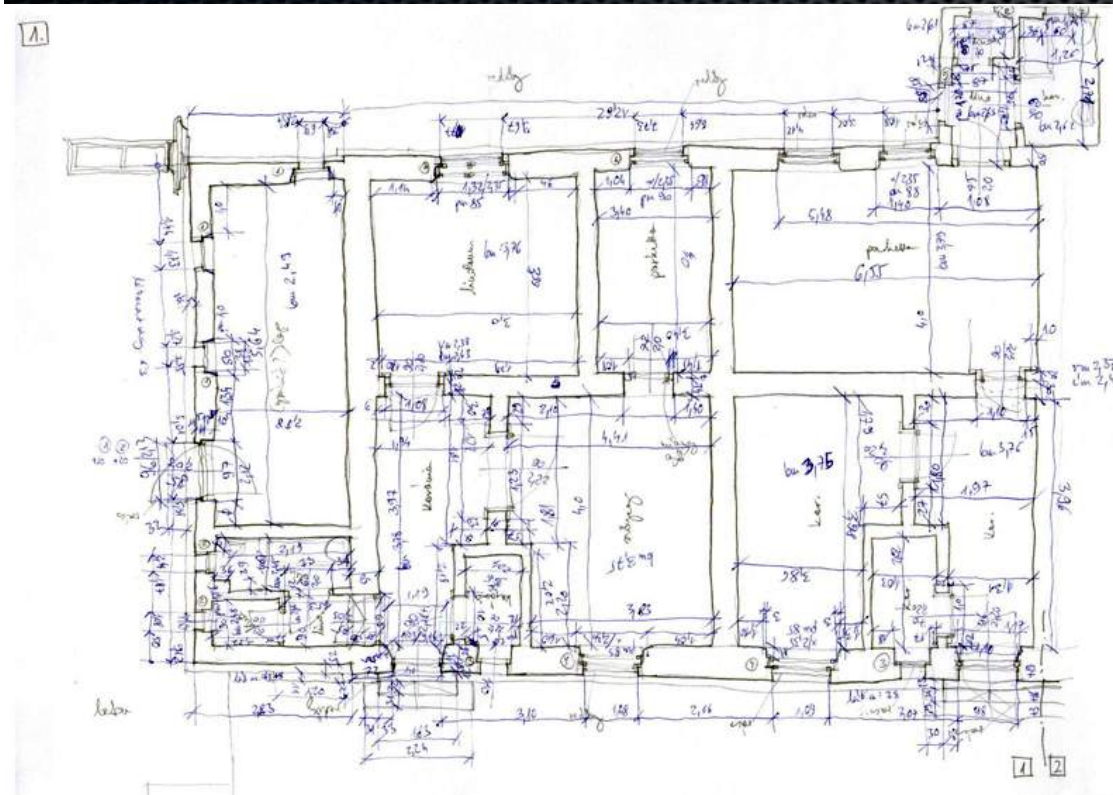
CONTRAST



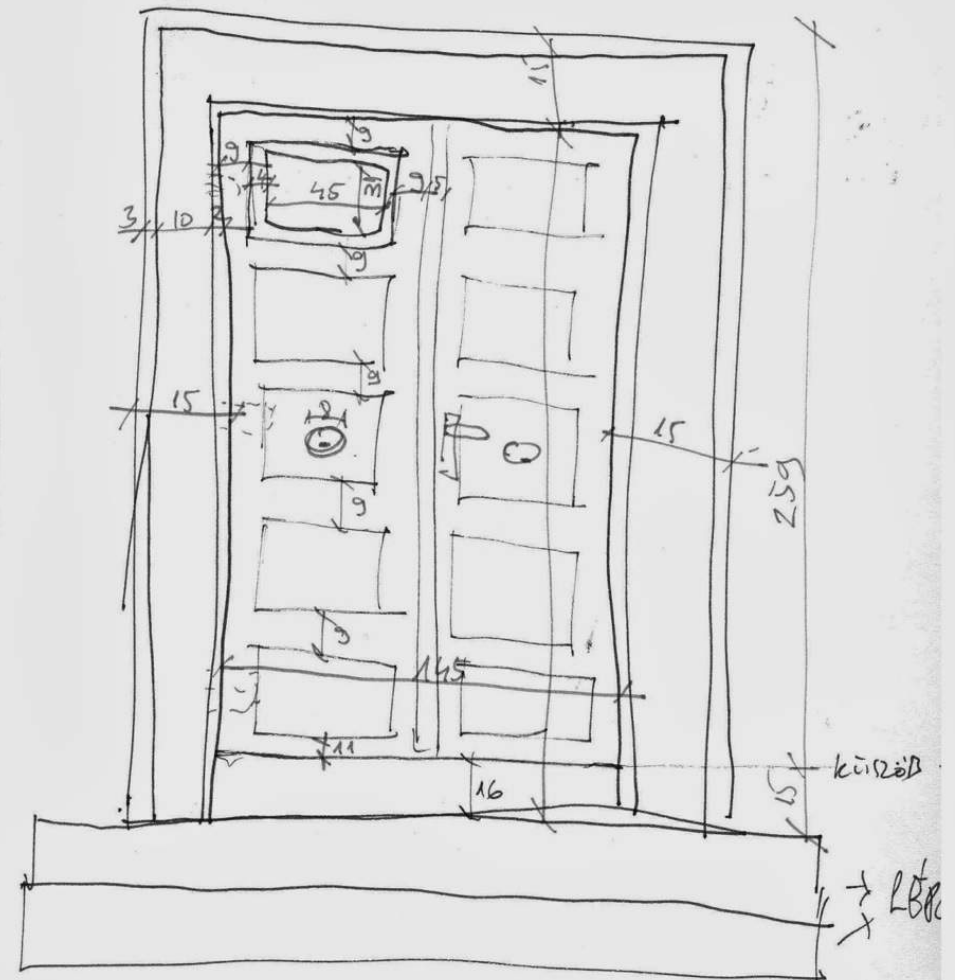
CONVERSION

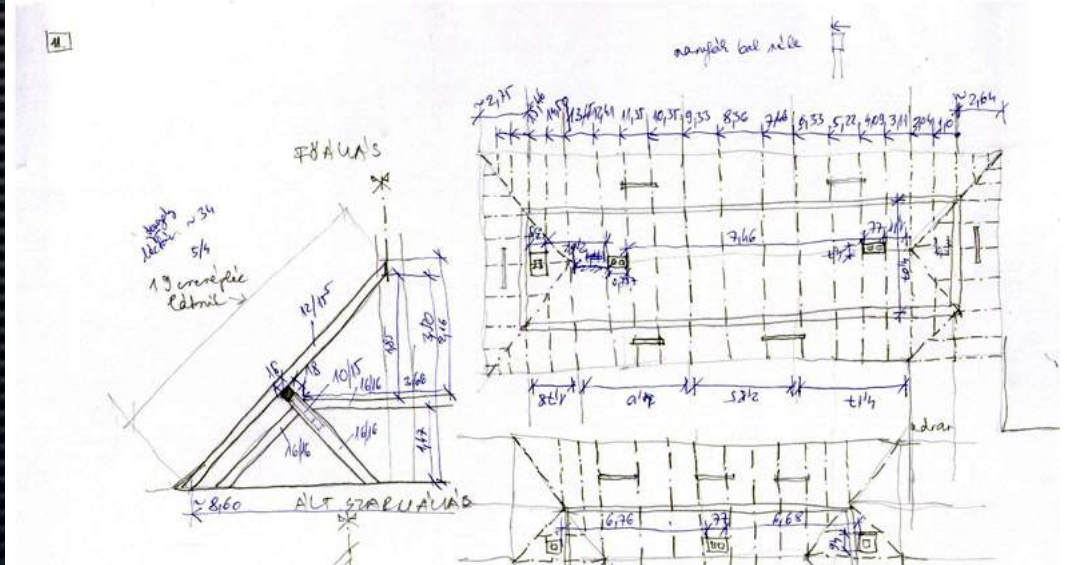


Way of design



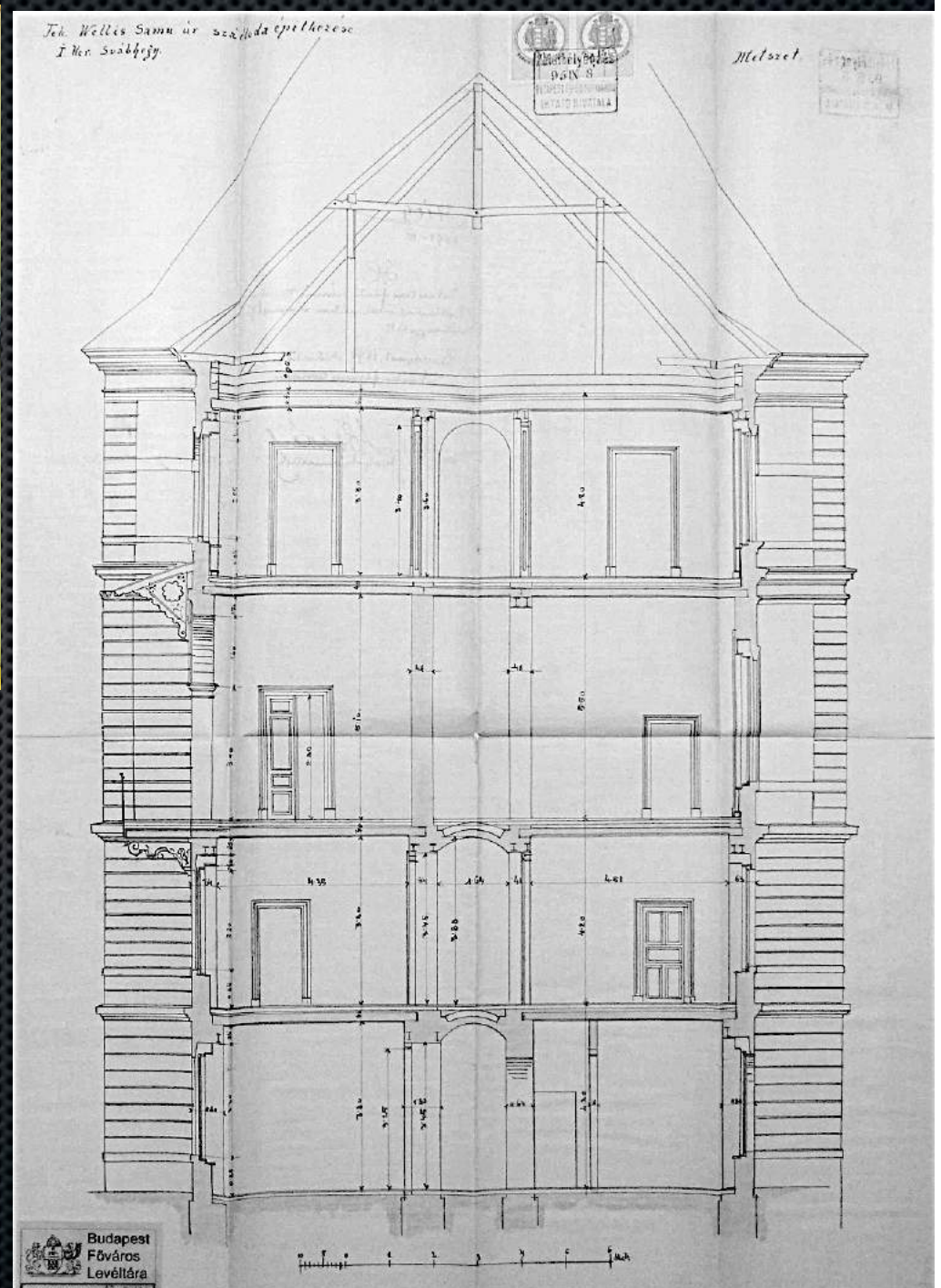
Local survey





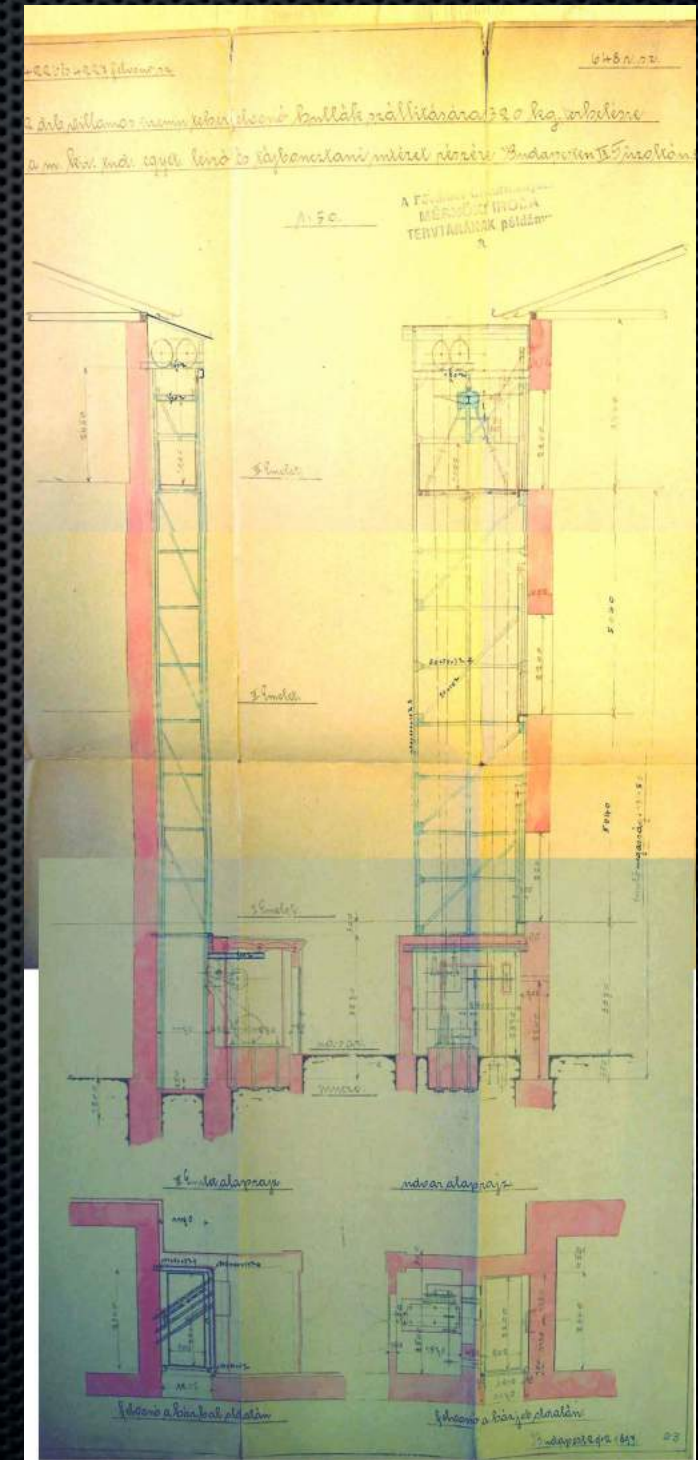
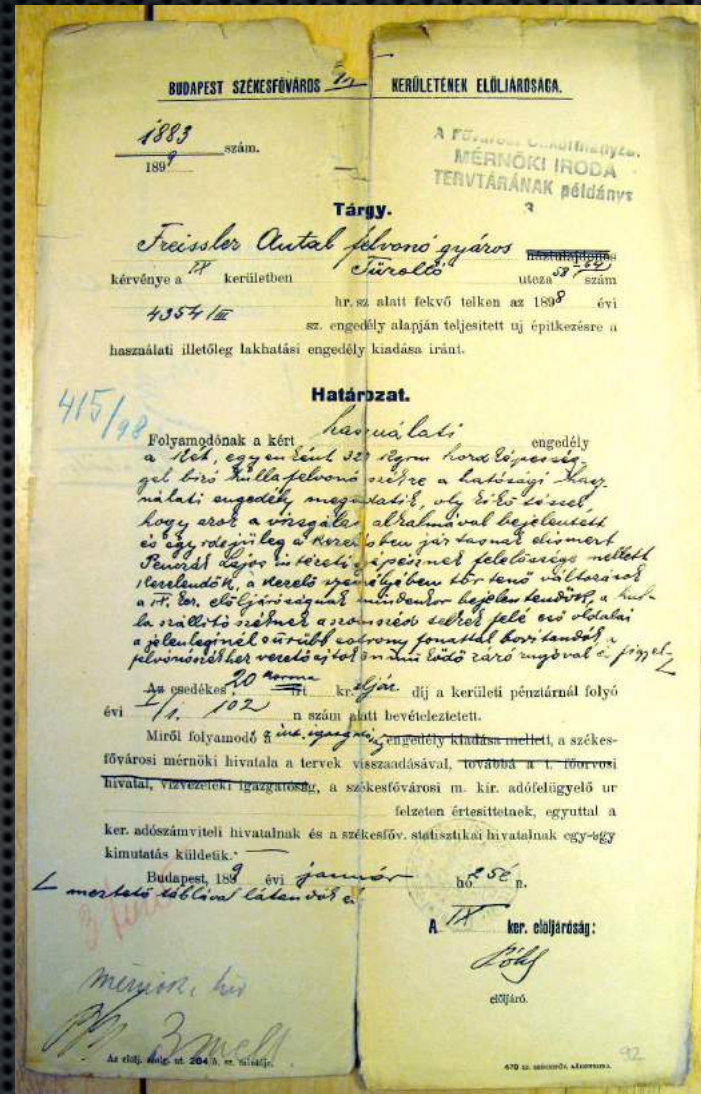
Local survey, photo documentation

Way of design



Research in archives

Investigations



Quote for today:

“A doctor can bury his mistakes, but an architect can only advise his clients to plant vines.”

Frank Lloyd WRIGHT