

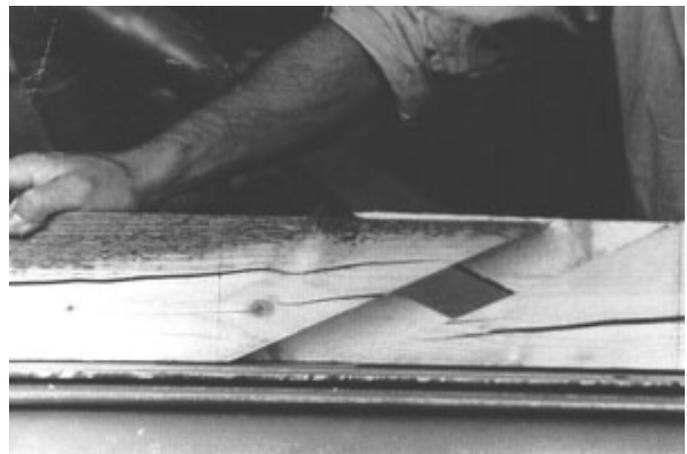
**Kai K. Gutschow**  
**M.Arch/PhD**

**Craftsmanship: Select Projects**

These design-and-build projects, and related explorations in construction, materials, assembly, and craftsmanship, constitute a kind of “learning by doing” research through which I developed a visceral knowledge of architecture and design. I rely on this hands-on experience and the knowledge gained for my studio design teaching and the “project courses” in architectural history I have taught. By craftsmanship I mean “workmanship using any kind of apparatus or technique in which the quality of the result is not pre-determined, but depends instead on the judgement, dexterity and the care that the maker exercises as s/he works” (Pye). Throughout these projects I am working to understand and exercise more control over the full creative process, shaping the design, the presentation, and the crafting of all aspects of the final product. Such first-hand craftsmanship experience is indispensable to the in-depth study and teaching of the built environment and the processes that shape it, including architectural history. An intuitive sense of materials, scale, assembly techniques, aesthetics, and their relation to the entire architectural design process is vital to becoming a responsible professional.

- Designing and crafting of Teahouse, in Mackenheim, Germany, 1987
- Designing and crafting of seminar and meeting room for Center for Environmental Design Research, U.C. Berkeley, 1990-1993
- Design and crafting of furniture, including walnut reading bench (guild-approved “Apprentice Piece”) 1998; cherry dresser and cherry writing desk, 1987-88; design of steel vitrine for architectural model, Nepal, 1990.
- Cooperative designing and crafting of “Vehicular Furniture” with Prof. Lars Lerup, for SFMoMA exhibit, 1990
- Research, design, and construction management of new benches and lobby in Patan Museum, Kathmandu, Nepal, 1990
- Curating and supervising of exhibition and student installation of “Taliesin Apprentices,” 1999

For a more and larger images of the work, as well as brief explanations of the projects, please refer to my professional website: [www.andrew.cmu.edu/user/gutschow](http://www.andrew.cmu.edu/user/gutschow)



Kai Making Joinery by Hand, Spring 1988

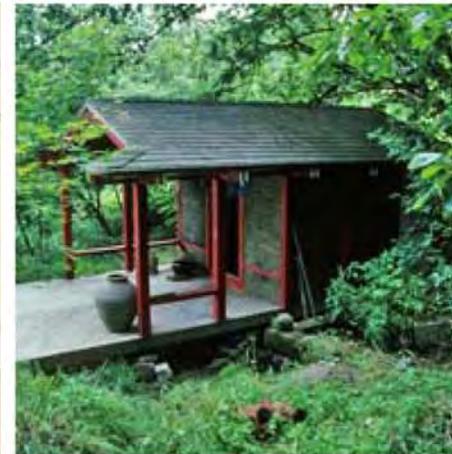
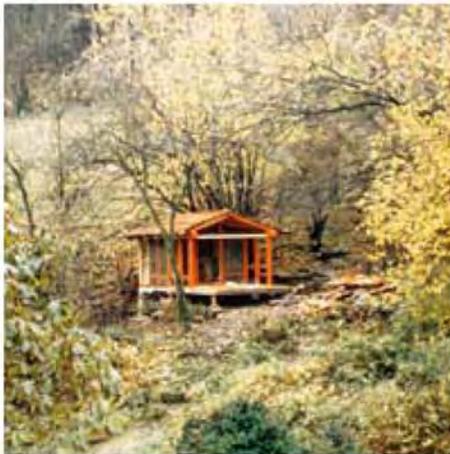
# Tea House

design and crafting

*Mackenheim in the  
Odenwald, Germany.*

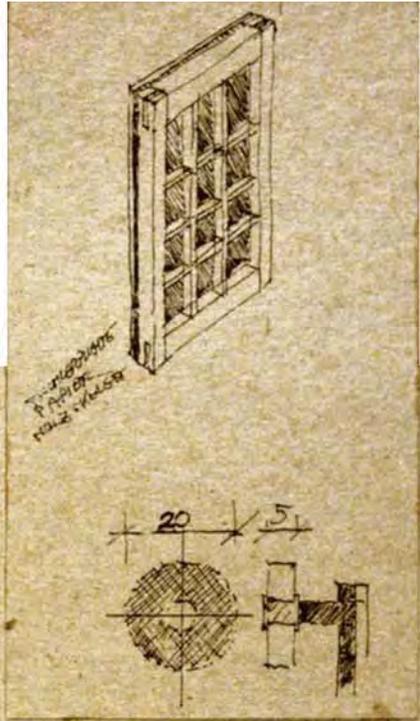
July 1987 - May 1988

[more text] [slideshow]

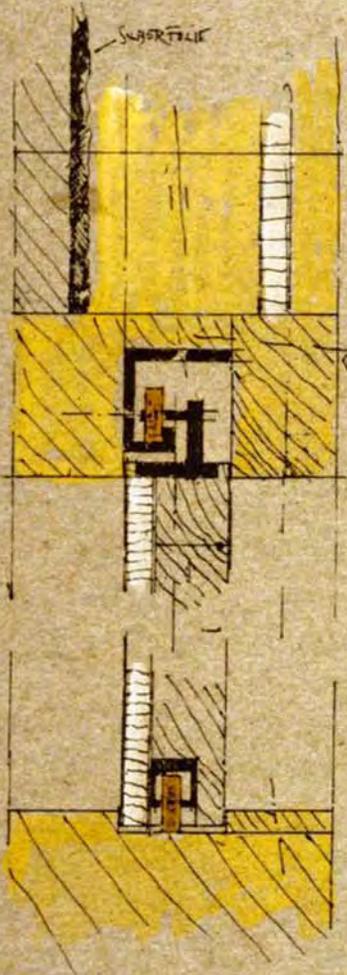


Kai K. Gutschow, PhD

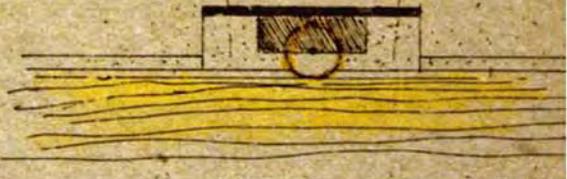
School of Architecture  
Carnegie Mellon University



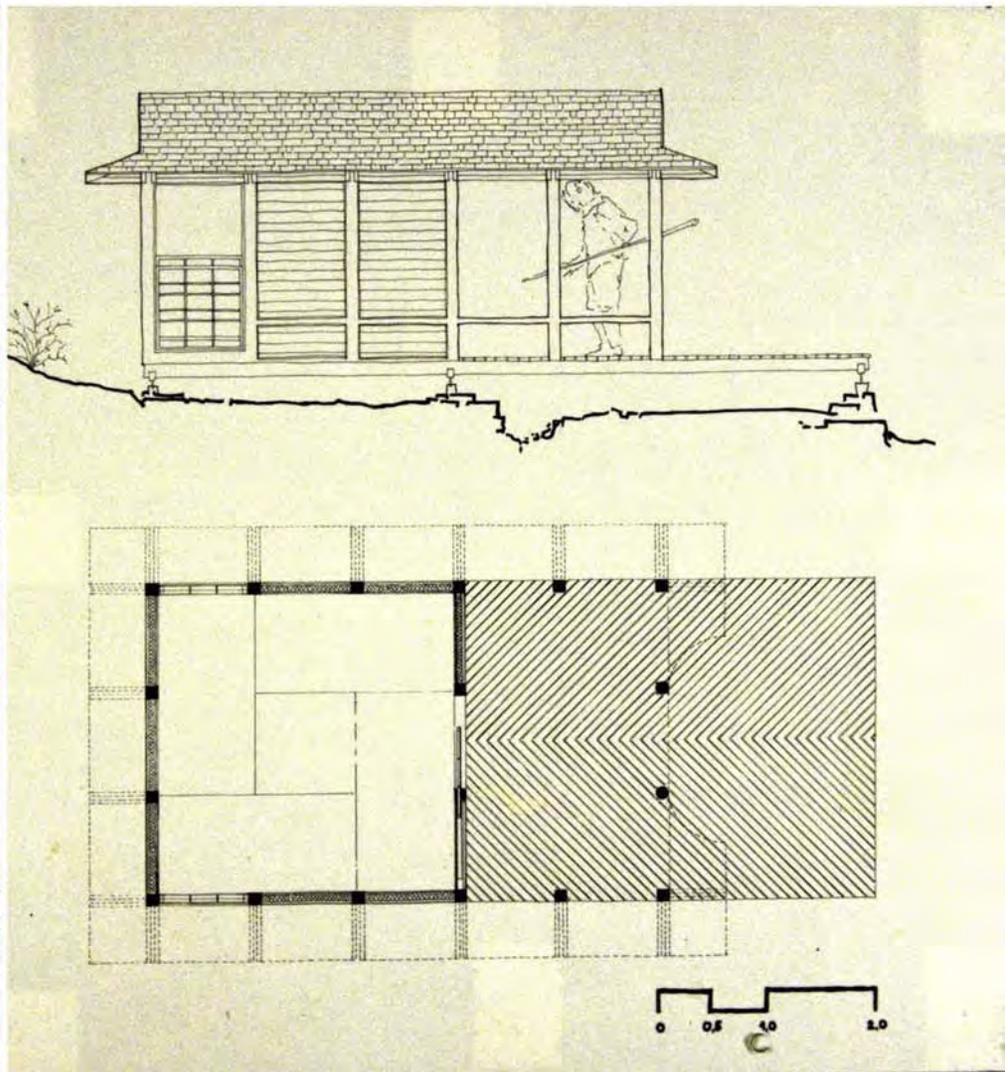
Hand-drawn text in German: "Handgezeichnete Fenster Holz-Malerei"



1:2 1:2



Sliding Door Details  
Own design and drawings



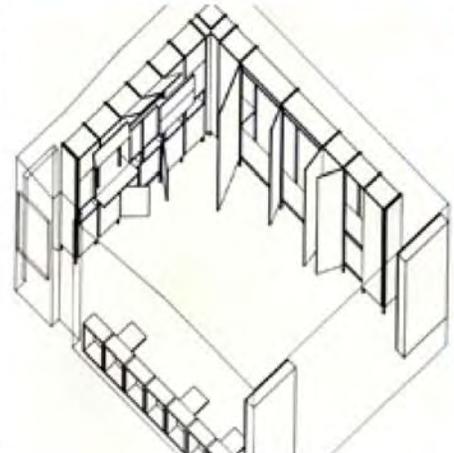
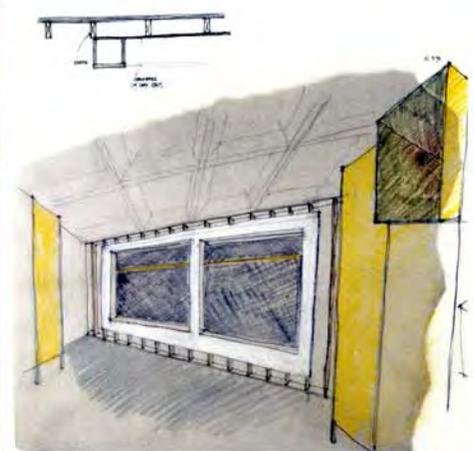
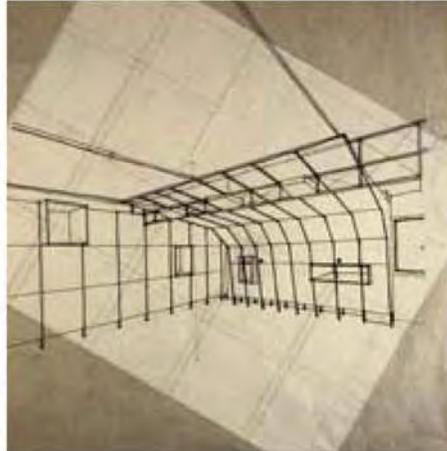
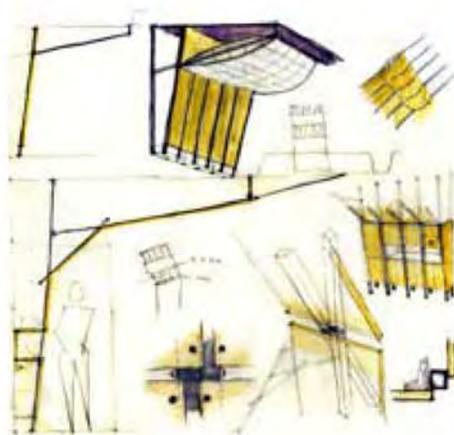
# Seminar Room

design and crafting

*Building Science  
Seminar Room, Wurster  
Hall, U.C. Berkeley*

1990-1993

[more text] [slideshow]



Kai K. Gutschow, PhD

School of Architecture  
Carnegie Mellon University



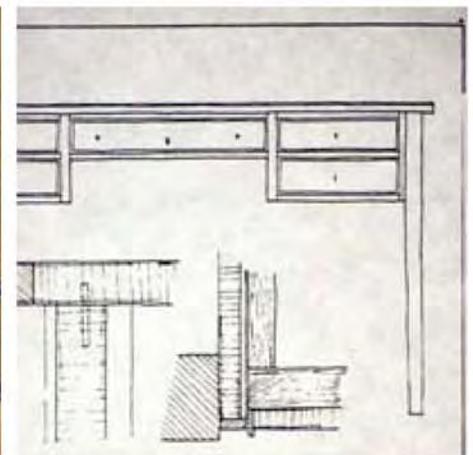
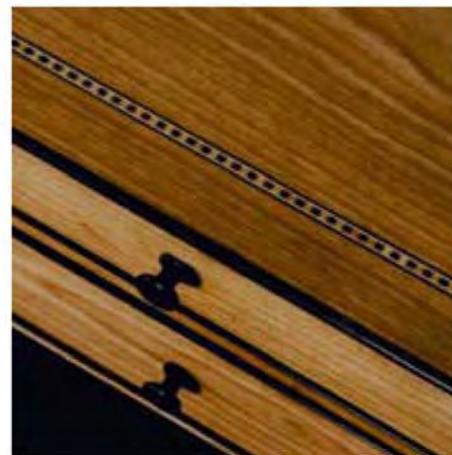
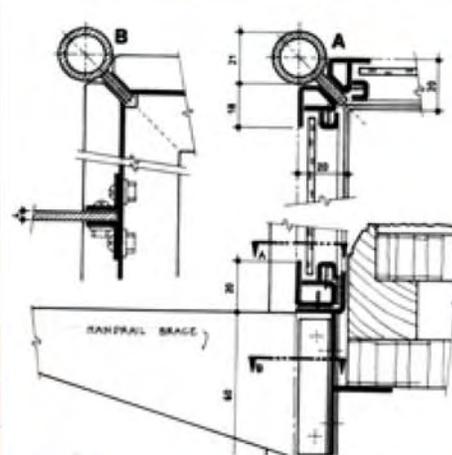
# Furniture Pieces

design and crafting

*Apprentice pieces. Own design and construction.*

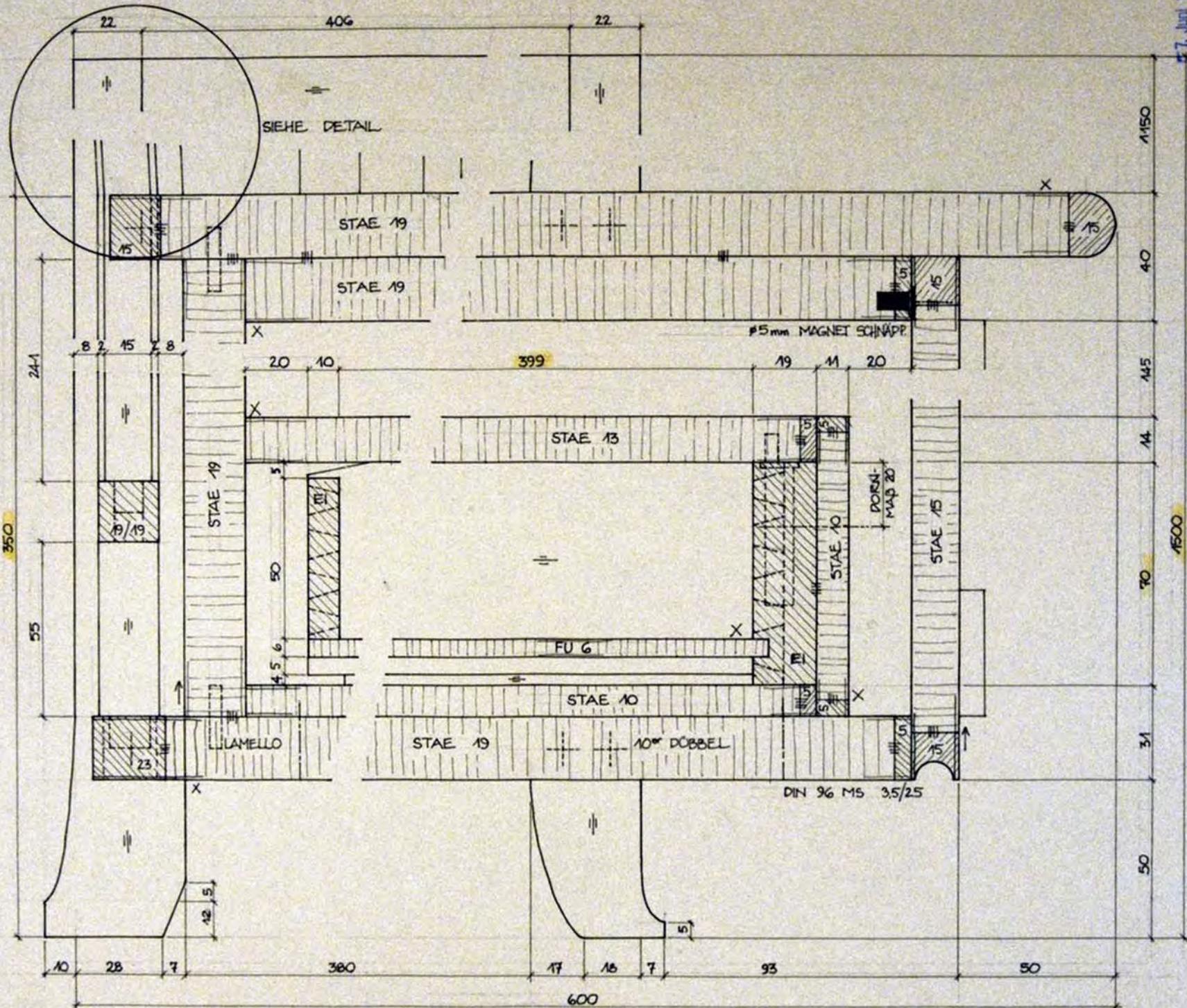
1986 - 1988

[more text] [slideshow]



Kai K. Gutschow, PhD

School of Architecture  
Carnegie Mellon University



SIEHE DETAIL

∅5 mm MAGNET SCHNAPP

POREN-  
MAP 20

DIN 96 M5 3,5/25

27. Juni 1988



Glaus Bergner  
Schneckenbühlengasse 11/13  
D-20024 Hamburg  
Beauf. Nr. 190-24-28  
Beauf. Nr. des Bezirke Altona

SITZBANK IN NUBAUM  
VERTIKAL SCHNITT A-A

PRFGS NR. 1444	BLATT 2 von 5
27. MAI 1988	M 1:1
MEISTER: <i>U</i>	

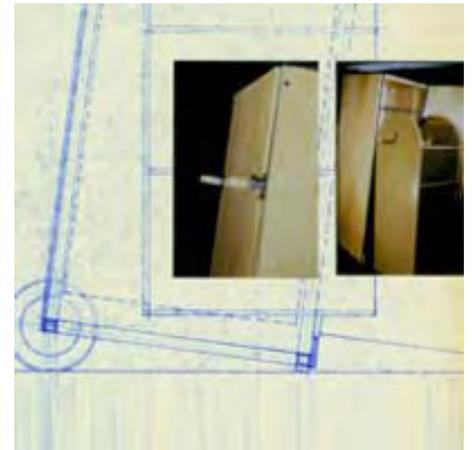
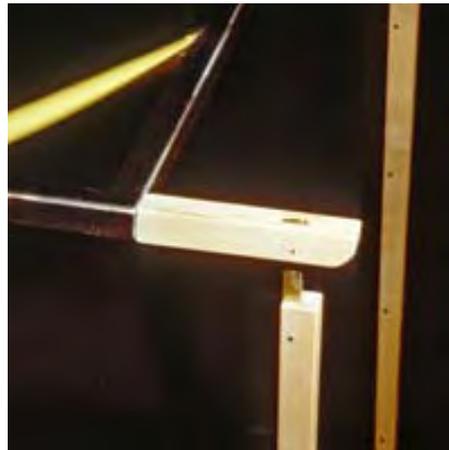
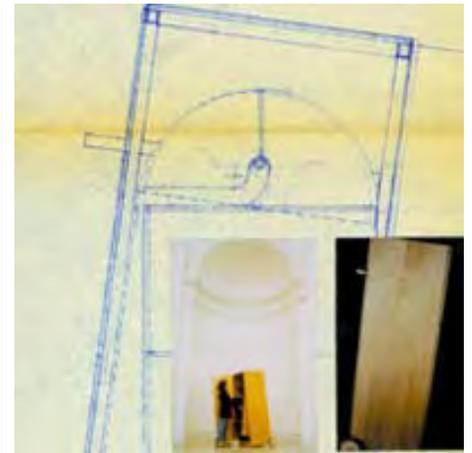
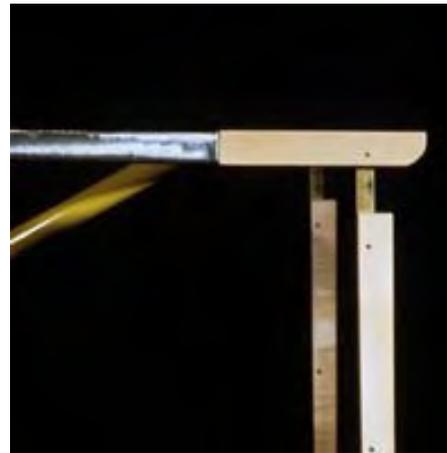
# Vehicular Furniture

cooperative design + craft

*With Lars Lerup,  
for S.F.MoMA.*

Fall 1990

[more text] [slideshow]



Kai K. Gutschow, PhD

School of Architecture  
Carnegie Mellon University

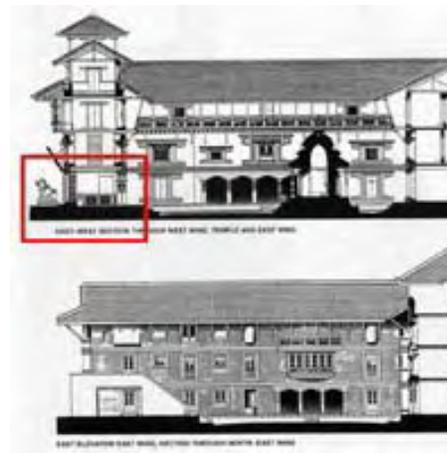
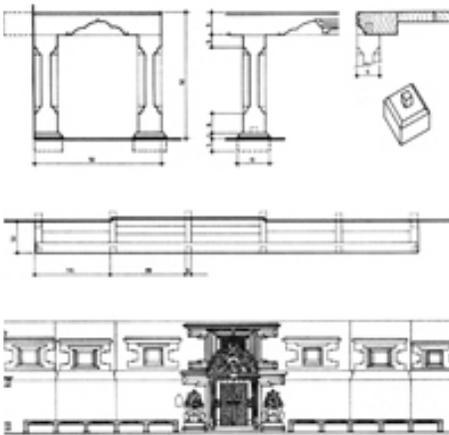
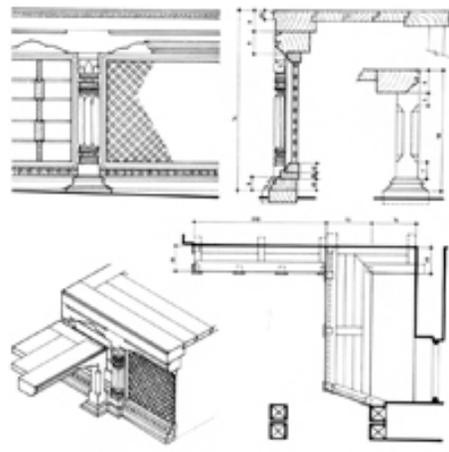
# Nepal Museum

restoration and design

*Entry Hall  
Patan Museum, Nepal*

Spring 1990

[more text] [slideshow]  
[article]



Kai K. Gutschow, PhD

School of Architecture  
Carnegie Mellon University

# Taliesin Apprentices

curate and supervising

AIA Pittsburgh, PA & Hewlett Gallery, CMU

January - September 1999

[more text] [publicity]

