第2版

清华大学建筑学院出国学生作品集集萃

PORTFOLIOS OF THE STUDENTS FROM TSINGHUA UNIVERSITY

胡博羽 编

机械工业出版社
CHINA MACHINE PRESS

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本书收录了清华大学建筑学院8名优秀学生的个人作品集，他们均被美国及法国的名校录取。作品集既是建筑学专业的学生对自己多年学习的一个总结，同时也诠释了他们对于建筑的理解。本书可为学子们制作个人作品集提供参考，同时其收录的作品也可供交流与学习。

本书适合建筑学、城市规划、景观设计专业的学生阅读，同时也会对建筑爱好者有所启示。

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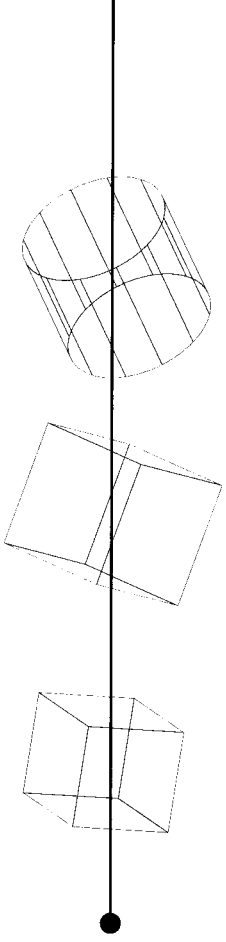

序

建筑行业发展日新月异，国际间的相关交流也越来越广泛。随着中国经济的持续发展，中国建筑业更是加紧了与国际接轨的步伐。在这样的背景下，每年都会有一些同学在国内完成5年建筑学专业学习之后，继续到国外亲身体验、深入研究。他们的专业学习精神十分执著，必将进一步促进国内外建筑业间的交流。

这些同学在申请国外建筑院校的过程中准备了多项材料，其中，个人作品集是非常重要的一项。这份作品集既是他们5年建筑学专业学习的一个总结，同时也诠释了他们对于建筑的理解。这份作品集既是过程，又是成果，是同学学习能力和设计水平的体现。本书收录了清华大学建筑学院周茉、胡博羽、杨乐明、祁天、王韵嘉、李冰、张琳、于楠8位同学的作品集，他们均已被所申请的院校录取。他们的作品集风格多样，是自我个性和才华的展示，倾注了其心血。编者将这8份作品集汇编成书（由于篇幅的限制，对部分作品集的内容做了一定筛选），希望通过多方位的比较，将当前“出国申请作品集”的概貌予以呈现。

希望本书能对建筑学子们有所帮助，同时也能对建筑学爱好者有所启示。

王辉
2007年8月

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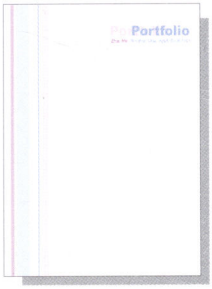

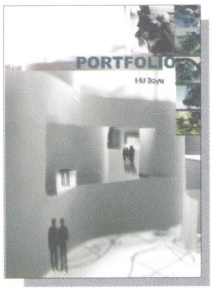

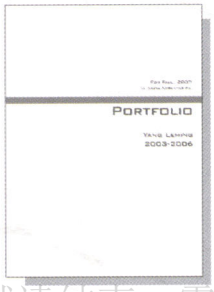

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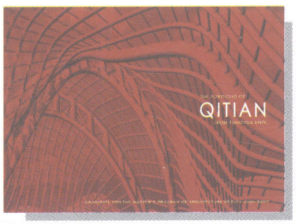

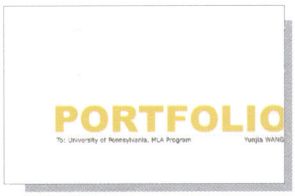

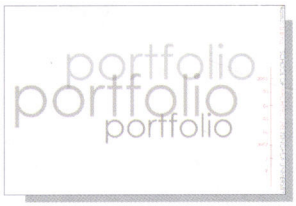

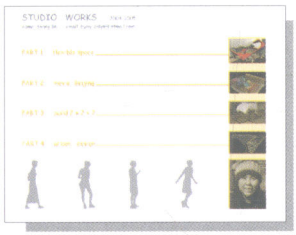

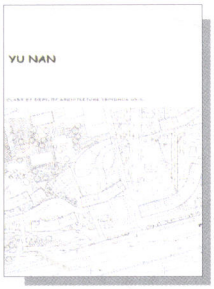

Portfolio

Zhou Mo Tsinghua Univ. Apply for M.Arch

周茉 作品集

周茉　建 23 班
申请去向：康奈尔大学（Cornell University　U.S.A）
作品集尺寸：182mm × 257mm

2×2×2 Build—design of a bike shed

Date: 04/2005-06/2005
Course design
Teamwork with five partners
Role: chief designer & team leader

Bicycles are not only the most important transportation tools but also important elements on the stage of dialy life in China. In Tsinghua, the flow of bicycles is a unique scene on the campus. However, the parking of bicycles has always been the most difficult task in front of every school building. So, in this design we were requried to build a mobile parking shed for bicycles, which could also serve as exhibit, selling, and relaxing space. And the scale of the shed should not exceed 2m×2m×2m.


館築建

Sometimes architecture is just a sclupture or a sign in the site. They may not have definit form, function and spirit. But it is the ambiguity of the identification of a space that makes it multifunctional. In this sense, it may seem a little digressive at first, when some certain requirements are called. But just like drawing a circle, at last it will meet the original point.
So in this design, we tried to abandon the functional point of this issue, and pay primary attention to those indefinit forms and spaces. Also, we had to search for a kind of affordable, light, quick and feasible building material. And our key words of this design were: mobility, diversity, nonstandard and folding.

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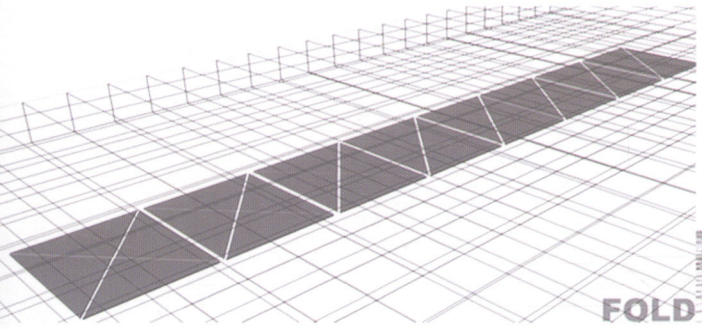
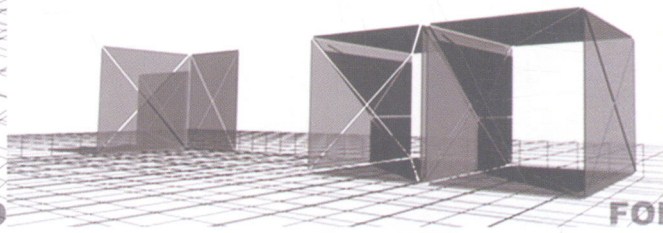
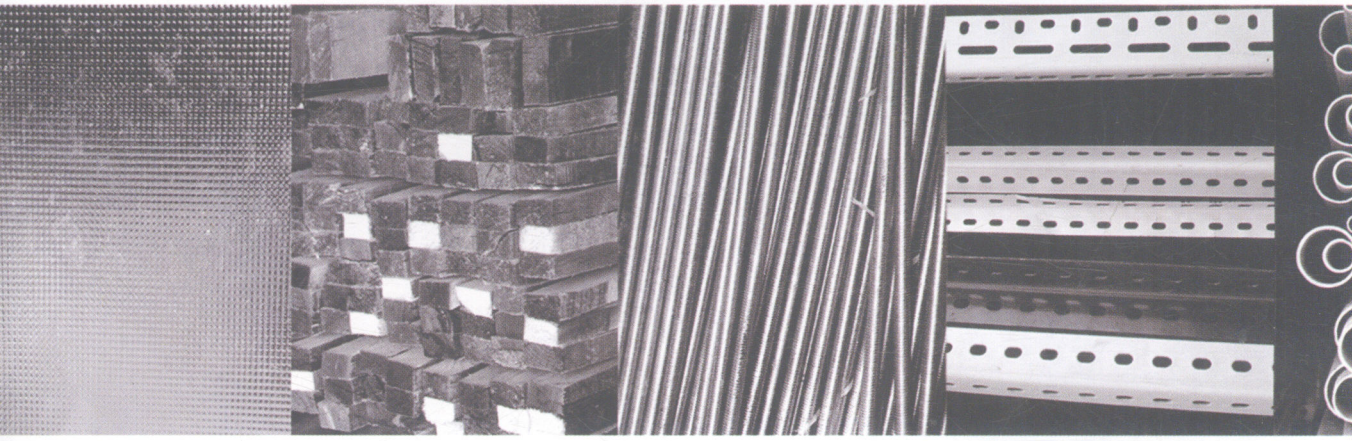
Design Concept

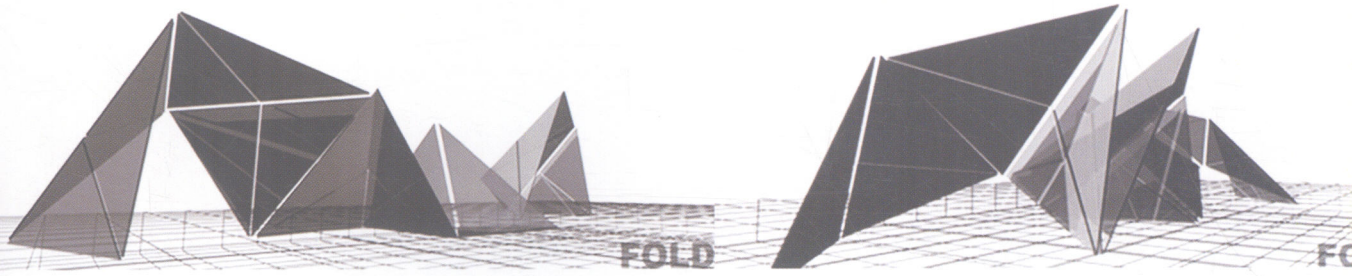


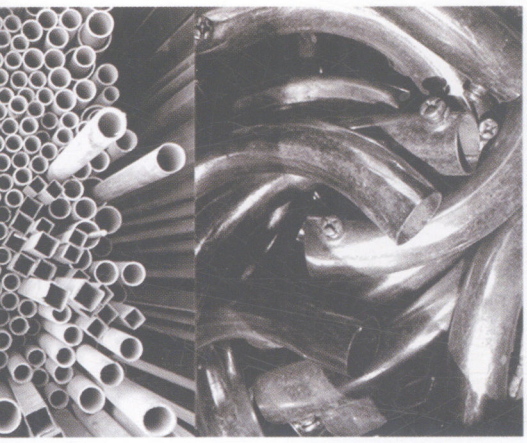


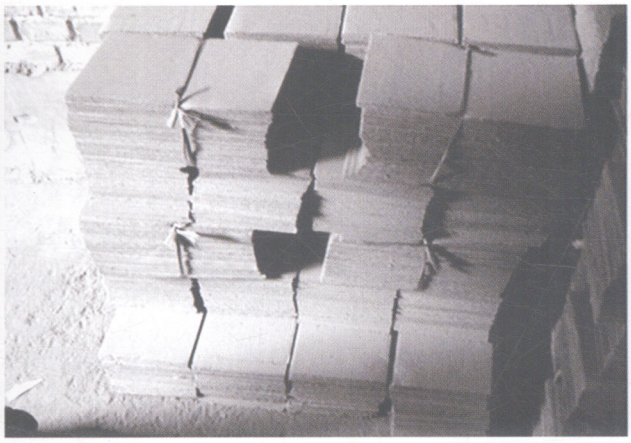
Material Investigation



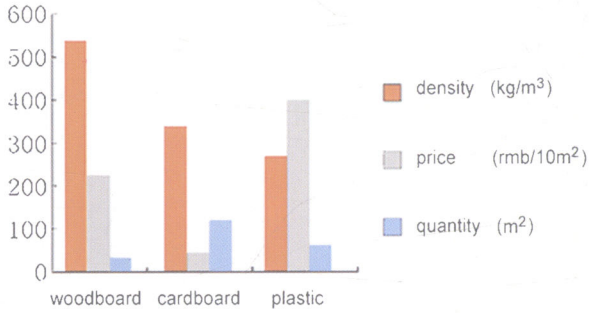
By comparing between several materials including steel, wood, plastic, glass, carboard and fabric, we finally decided to use the carboard, which is the most appropriate.







material	scale (m)	price (rmb)	advantage	disadvantage
woodboard	1.2*2.4	60/piece	hard, strong, massive	heavy
cardboard	2.5*2	90/piece	light, cheap	weak, need waterproof
steel+plastic	3*6	400/piece	light, pretty, waterproof	weak, expensive
steel+fabric	1.1*1	8/m	light, waterproof	weak, unfeasible

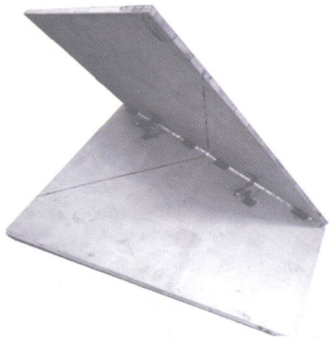


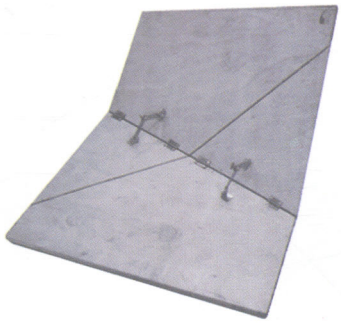
Material test

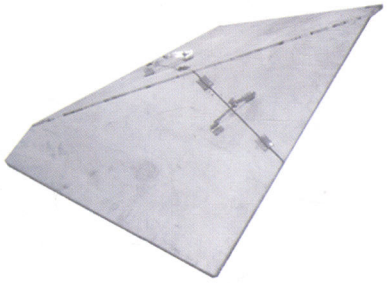
To make a final comparison, we bought a piece of woodboard and a piece of cardboard. Steel components connect different parts, they also help to fasten the diversified angle between different pieces of woodboard or cardboard.We also tried to deviced a steel component which will strong enough to hold the angle.

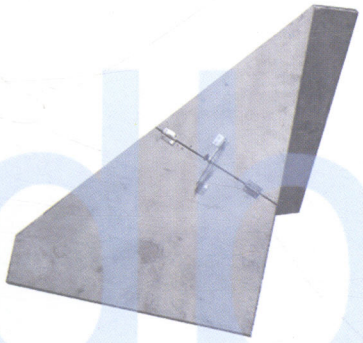
From these tests, we got to know that the woodboard, though strong enough, is too heavy. And it is quite hard to realize the mobility by this kind of material.

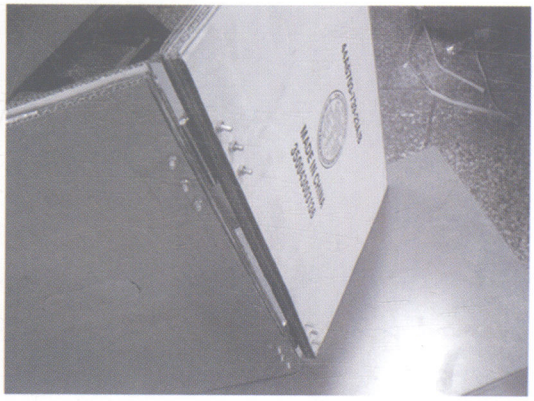
However, the cardboard is much stronger, when three pieces are plastered together. More importantly, it could also hold at any angle by a hinge. And the problem of waterproof layer could be solved by painting a layer of varnish.

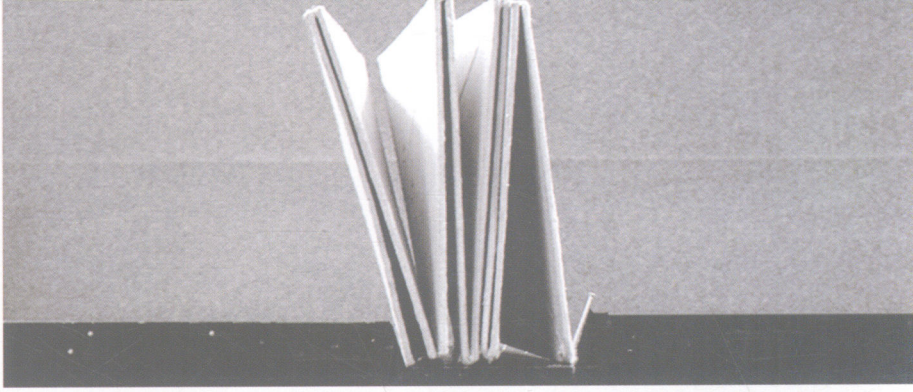


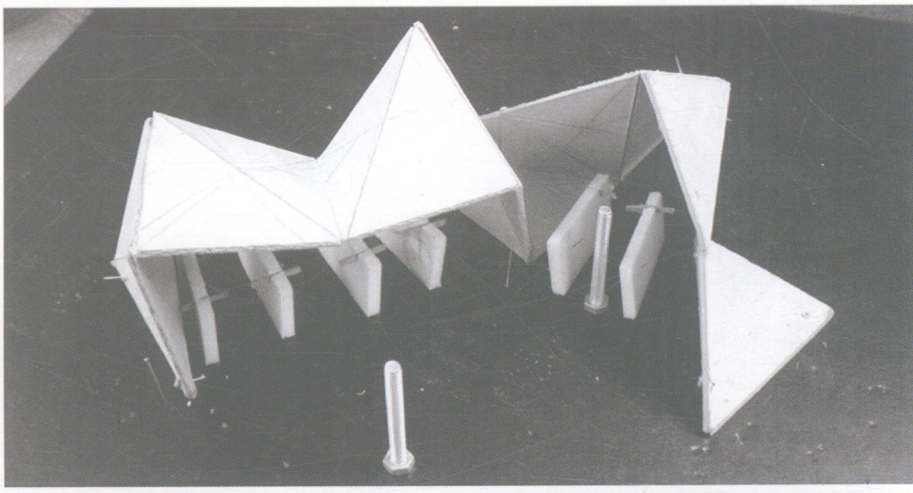


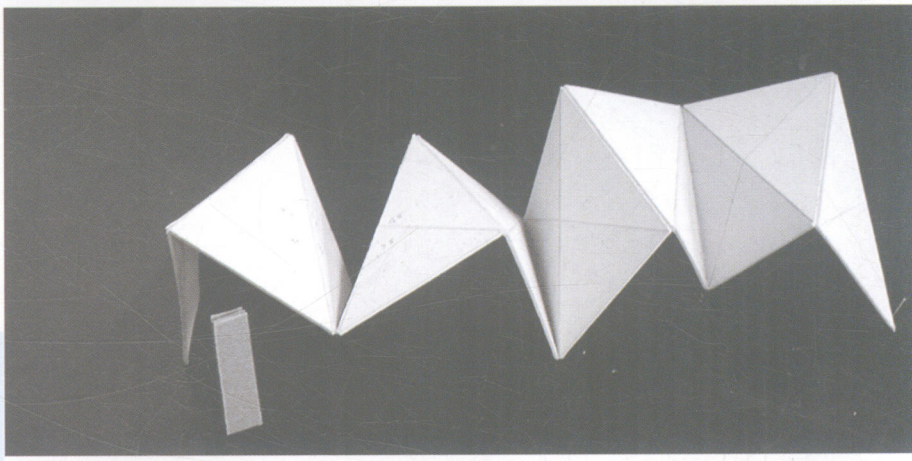


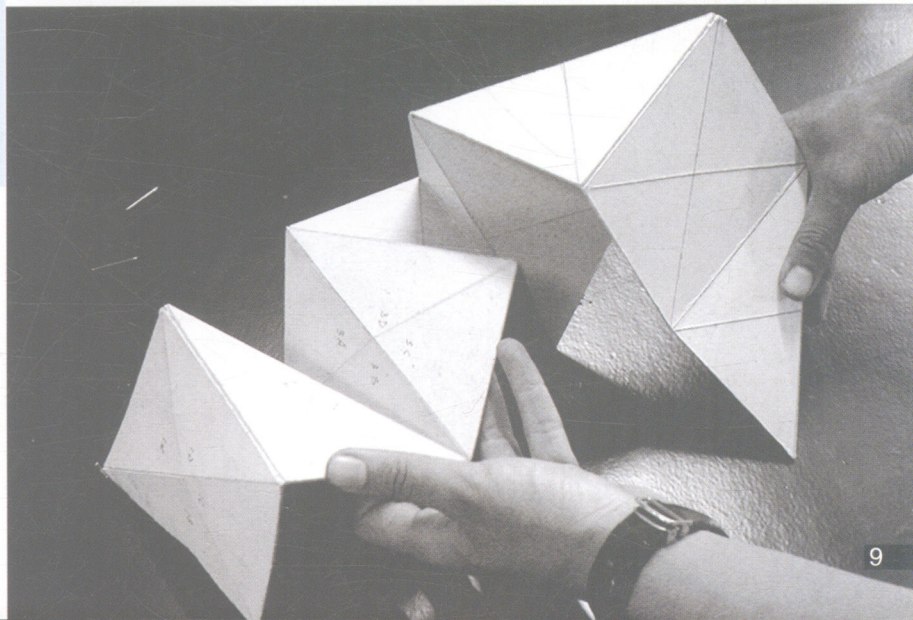


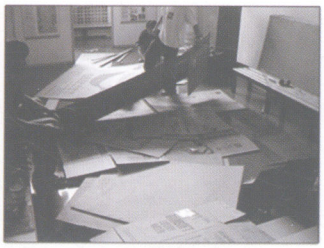




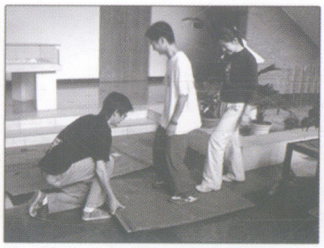
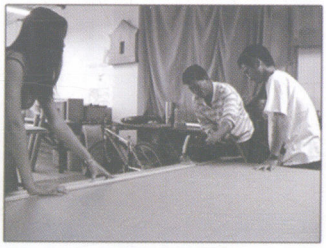


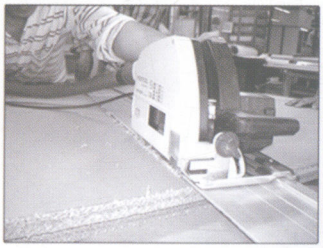


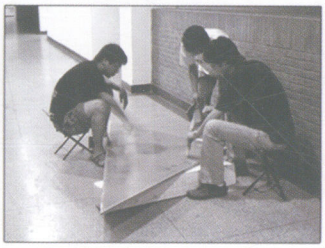


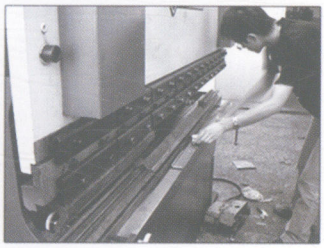
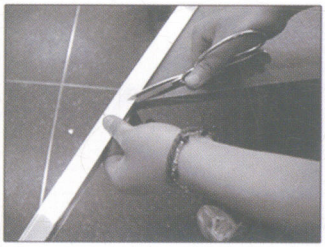
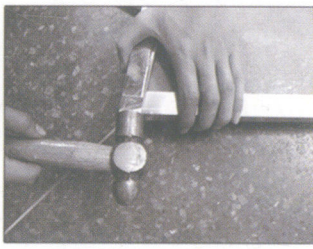


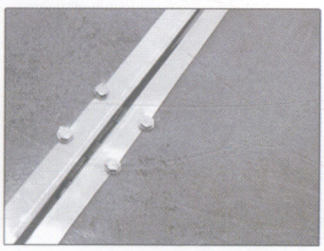


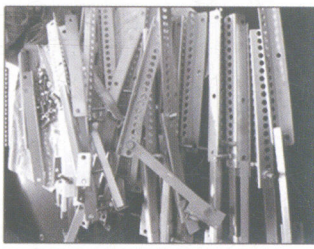
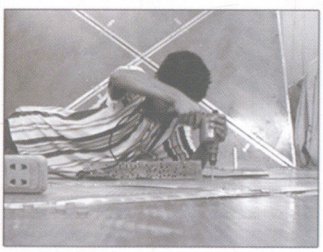




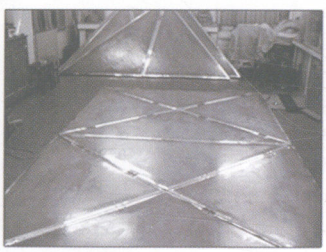
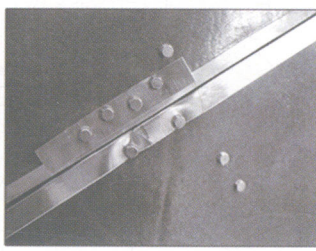
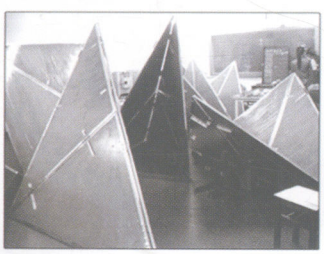


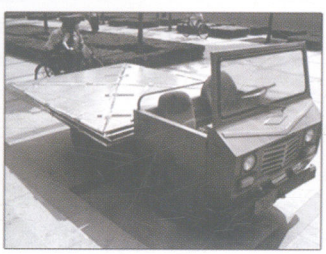
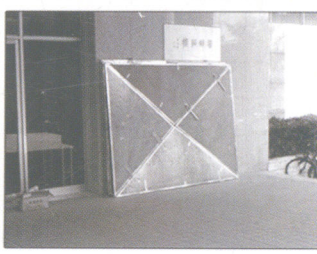


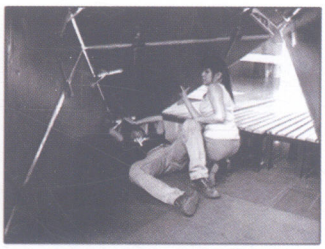
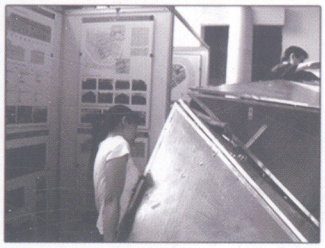
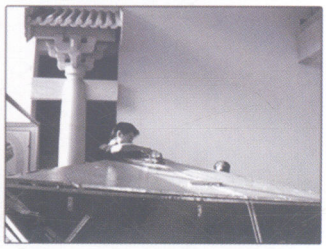







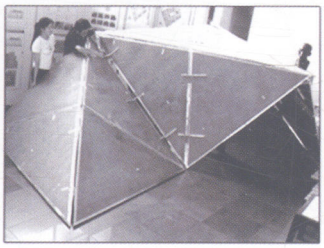
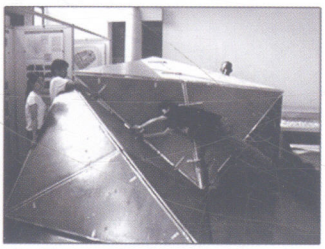
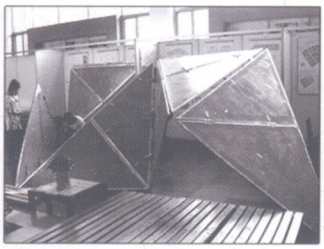






Building Process

During the 8 weeks, we discussed the design, chose material, deviced components, and built our shed by our own hands. Some problems, which were unexpected, appeared, and we tried our best to solve them. It is true that our design is premature , undelegated and even had several problems, but it was the first time that we built a 1:1 model, and for the first time we paid attention to the real process of construction and building.

I take this design as an important experience on my way of studying architecture. And those efforts, sweats, and happiness I shared with my team members, will be kept in my mind forever.

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