Beijing Hutong Conservation Study

Ву

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My opinion of Beijing Hutong Conservation Study

After I read "Beijing Hutong Conservation Study" several times, which is made by IHF and participated from Tsinghua University School of Architecture, I think this conservation study was well done

residential building was decay. They expressed the necessity of improving the Hutong resident living conditions, and also made model plan and studied the life conditions and living environment in the old city, the resident feeling of Hutong Si-He-Yuan, and also the reason why the Hutong present conditions of Beijing old city, and also made detailed analyzed result of survey. Especially this conservation plan objectively reflected and ideal for this. International Historical City, and on base of this they started conservation work. They made deep survey about the historical development and At first, they put feeling and understanding of importance value to protecting Beijing old city, a National Historical City as well as a renowned

building be protected in long-running and sustainable development in healthy way. important point, it was shown that direct idea of 'people's city built by people and managed by people'. It's also essential base of Hutong residential In the conservation study, it mentioned that Hutong resident should participate in restoration and also future maintaining work. I think that is a very

basic infrastructure in Hutong community. On the other hand the study also stated that Hutong tourism also brought new problems such as broken traditional Hutong atmosphere, traffic jam, etc. These problems need to be solved. About Hutong tourism, this conservation study also did objectively reflect that Hutong tourism has brought the benefit to resident and improved the

specifically mentioned how to increase the living space and condition. I think that is one of ideal that we should accept. At the end of this conservation study, they made proposal for rehabilitation of two model courtyards: no.58 and no.60 at Zhong Lou Wan Hutong,

Suggestion

them, using as Hui Guan, residential building, tourist facilities, culture and sport place, etc. Of course, the historical building, which is under building needs to be restored well, used well, managed well, then it will really be protected. preservation or has made preservation sign by government, we should follow the regulation to restore historical building. I think that historical Based on this study, I suggest that according to different value and different level of residential building, we should find different ways to protect

As mentioned above whether it is right or wrong, for reference only

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北京胡同保护方案 IHF Beijing Hutong Conservation Study

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3.2.2 Damage and Development 3.3 Housing Reform and Weigai System 3.4 Present Condition of Remaining Historical Buildings 3.5 Management of the Old City 4. Social Survey and Conservation Studies 4.1 Introduction of the Three Target Areas Zhong-Gulou Area (Bell and Drum Tower area) Yandai Xiejie Area Chaodou Hutong Area 4.2 Survey Questions 4.3 Survey Results and Analysis a) Occupancy and Ownership a-1. Population a-2. Living Space a-3. Property	2.4 Residential Bulldings 2.5 Courtyard Houses in Modern Times 3. Present State of the Old City 3.1 Beijing's Urban Development Over the past 50 years 3.2 Dangers to the Old City	2.1 Geographical Sching 2.2 History 2.3 Urban Structure City Planning Hutong Various Types of Buildings Area Feature Inner City Feature Outer City Feature Outer City Feature	Contents Preface Introduction 1. Objectives of this Project 2. Beijing Historic Inner City Overview 3. I Geographical Setting
16 17 20 22 22 24 24 25 26 27 28 29 29 29 29 29 29	13 14 16	5 6 6 8 8 8 110 110	3 2 -
Rehabilitation of Courtyard riouse and Community 5.1 Aims of Pilot Project 5.2 Structural Analysis 5.2.1 Historic Background 5.2.2 Population and Ownership 5.2.3 Space Arrangement 5.2.4 Present Facilities 5.2.5 Structural Problems 5.3 Cooperation between Residents, Officials and Experts 5.4 Proposed Plan for Rehabilitation Work 5.4.1 Rehabilitation & Rebuilding, Courtyard no.60 5.4.2 Rehabilitation & Utility Rooms Case, Courtyard no.58	d) Resident's Opinions Regarding Conservation and Tourism d-1. Conservation d-2. Tourism in Hutong 4.4 Conclusion of the Survey 5. Pilot Project Plan	Sewage Toilets Heating System Extension Buildings Living Space Improvement b-3. Summary of Common Problems c) Understanding the Hutong Community Traffic control proposal Analysis of Hutong Community	b) Building Condition b-1. Condition b-1.1. Common Structural Problems b-1-2. Present State of Maintenance b-2. Infrastructure and Facilities Water
45 46 46 47 47 49 49 50 51	41 42 44	33 33 34 35 35 36 37	31 31 31 32 32 32
	Sources Credits Contact The Authors Acknowledgments	6. Applying the Project on a Wider Scale 6.1 Financing the Program 6.2 Government Support 6.3 Land-use Control 6.4 Publicity 7. Conclusion	5.4.3 Population Adjustment within the Community 5.4.4 Work Required for Rehabilitation 5.5 Residents' Direct Participation 5.5.1 Planning and Implementation Stage 5.5.2 Maintenance 5.5.3 Ownership

58 60 61 61

56 56 56

Preface

fowl. We must resolutely correct such wrong practices. deem the constructions of high-rise buildings as urban modernization while paying insufficient attention to protection, so damage to natural and cultural relics are occurring frequently. Some city leaders simply cultural and artistic value of them. They seek only economic benefits and development while neglecting only see the economic values of natural and cultural relics but know little about the historical, scientific, At present, the pre-eminent problem existing in our country's urban construction is that some city leaders sites and artificial scenes. Though they have spent a large amount of money the results are neither fish nor during old city reconstruction have damaged many traditional districts and buildings with historical and protection of natural scenes and historical and cultural relics. Their large-scale dismantling and building cultural values. Some other city leaders prefer to demolish true historical relics and build false historical

modernization of a city and the protection of historical relics. conference of China Mayors' Association, entitled How to properly handle the relationship between the Quoted from a speech given by China State Council member Premier Wen Jiabao at the 3rd representative



Beijing Hutong Conservation Study:

The future of Old Beijing and the conflict between modernization and preservation

Introduction

at its centre? Aren't the courtyard houses much too dilapidated, and lacking in comfort, to be saved? How can the local resident community be debate many of the practical issues surrounding redevelopment and conservation. Can a city the size of Beijing afford to have one-storey housing and the Si-He-Yuan courtyard houses - all are fast disappearing as the city races forwards into the 21st century. In recent years, the government has subtle architectural texture and spatial arrangement of the preceding centuries. The atmospheric Hutong lanes, the traditional residential homes, being discussed, the re-development goes relentlessly on. protected from relocation? How can rights of ownership be balanced against the needs of commercial re-development? Whilst these questions are that, at the current rate, redevelopment will soon engulf and destroy the ancient courtyard houses forever. Groups and committees have formed to development has led to a remarkable improvement in the quality of life for many citizens. At the same time, however, much of the historic urban placed a number of Hutong lanes under protection, but what exactly this protection means is not clear. Many Beijing people are now concerned fabric of the capital has been lost. Major roads now bisect ancient neighborhoods, whilst in many areas, recent re-development has wiped out the The topic of this plan is the conflict between the modernization of Beijing and the preservation of its cultural heritage. Over the past decade, rapid

from the outset about which remaining quarters of historic Beijing they intend to preserve. the spatial arrangement as much or more than in the architecture of the individual courtyard house. Therefore, concerned parties must be very clear with considerable urgency before the incursion of more major roads destroys the Hutongs' original urban context. The value of the Hutong lies in sets out to demonstrate that rehabilitation is also suitable for Beijing. The opinions of residents have been carefully researched and integrated into preserve the character of a historic Beijing neighborhood, however, a larger cluster of Hutong neighborhoods must be targeted. This must be done the plan. Some of the solutions proposed are self-contained, and could be used for the rehabilitation of individual courtyard houses. In order to Many cities worldwide have found that rehabilitation, rather than re-development, of historic urban districts brings considerable benefits. This plan

mega-city. balance, Beijing planners must surely pause for thought. It would indeed be a great loss if this ancient capital were to become just another face-less Beijing is one of the world's most important historical cities, with a unique ambience balancing ancient and modern. Having reached this point of

1. Objectives of this Project

quarters. The measures proposed could also be adopted for other neighborhoods, but the proposal focuses on the combined neighborhoods of Shichahai, Zhong-Gulou and Nanluogu Xiang. These areas are rare examples of intact historic residential areas now remaining in Beijing. The objective of this project is to provide a concrete proposal for the conservation and subsequent rehabilitation of two of Beijing's historic Hutong

The principles behind the Conservation Plan are:

- * Preserving a maximum amount of the authentic historic structures
- * Preserving the townscape and original historic setting of Si-He-Yuan type housing in the Hutong lanes
- Retaining the current mixture of subsidised housing, private house ownership, commercial buildings and services
- * Working with existing resident communities
- * Traffic regulation
- * Bringing living conditions up to an acceptable standard





What will remain tomorrow of Beijing's Hutong?









2. Beijing Historic Inner City Overview

2.1 Geographical Setting

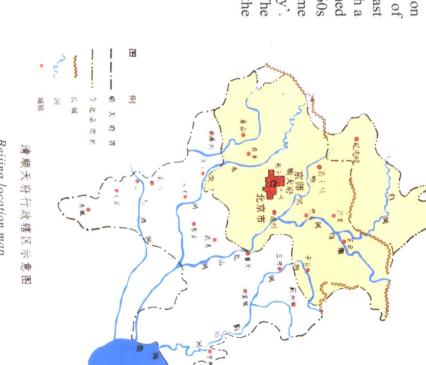
providing recreational areas for the residential districts. The climate varies, being cold in the winter (-5 degrees Celsius day-time average), whilst and artificial lakes and waterways within the central area are part of an ancient water-system bringing fresh water from Yu Quan Shan and hot and humid in the summer Beijing is located on a flat plain on 39.56 north latitude and 116.2 east longitude, with hills to the north and plain to the southeast. Several natural

target area of the Conservation Plan is located between the Forbidden City and the This 24km² area, located south of Qian Men gate, was originally also a walled city. The by the old city walls. These walls were replaced by the second ring road in the 1960s total size of 62km². The more important of the two is the 38 km² area originally contained census (1990). The remaining historic Hutongs are grouped in two main areas, with a Beijing, bounded by the former city walls, housed 1.75 million inhabitants at the last unregistered residents brings the total to 17.69 million people. The historic area of fragments remain). The second historic location is the area known as the 'outer city' (the first ring-road refers to the walls of the former Imperial City, of which only some Beijing city has 13.6 million registered inhabitants. An additional estimated 4.09 million

Beijing in 1951
eijing Municipal
Design, 1996

Satellite image of central Beijing in 1951

Source: <Beijing Old City>Beijing Municipal Institute of City Planning & Design, 1996



northern section of the second ring road.

Beijing location map
Source: <History of Beijing> Beijing University History Dep. 1999

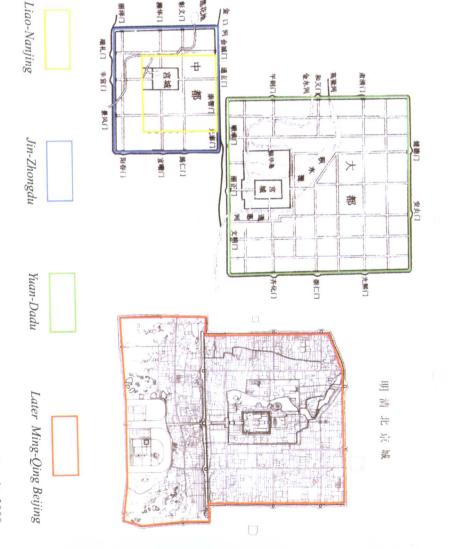


2.2 History

Archaeological findings suggest that the site of modern Beijing has been inhabited continuously for more than 3000 years. Its history as China's capital spans the Jin, Yuan, Ming and Qing dynasties.

In 938 Liao-Nanjing, on the site of modern Beijing, was established as the most southerly of 5 Liao dynasty subcapitals. In 1153, under the name of Jin-Zhongdu, Beijing rose to become the most prominent capital of the Jin Dynasty. In 1267, Kublai Khan ordered the transfer of the Yuan dynasty's capital from Mongolia to a site located by north-east of the destroyed ruins of Jin-Zhongdu, named it Dadu in 1272. Dadu is regarded as the precursor of present-day Beijing. After the fall of the Yuan dynasty, in 1368, Dadu-Beijing temporarily lost its capital status, when the new Ming emperor moved the capital to Nanjing. The third Ming emperor Zhu Di decided to reinstate the Dadu site as the Ming capital, building a new capital there under the name of Beijing in 1421.

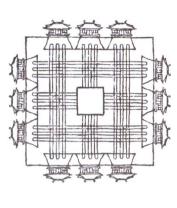
In 1644, the emperor of the Qing dynasty, Shun Zhi, decided to retain the capital in Beijing. Apart from a brief period during the civil war, Beijing has remained as the capital ever since.



Source: < Beijing Urban History and Geography>, by Hou Renzhi, 2000



Beijing Hutong Conservation Study



< Kao Gong Ji · Jiang Ren> Urban planning of Imperial city

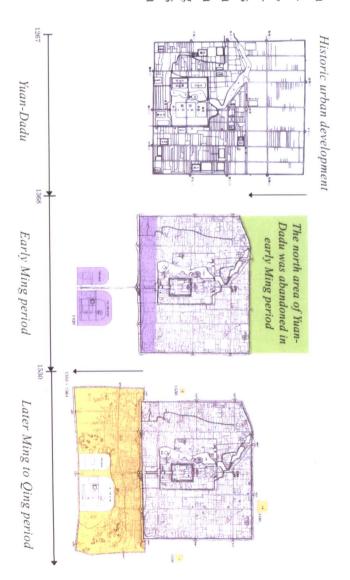
2.3 Urban Structure

City Planning

ancient Chinese city planning. The urban design of Beijing's historic city is based on the Yuan Dynasty's thirteenth-century capital, Dadu. This makes Beijing one of the world's oldest centrally-planned cities, and an important living example of

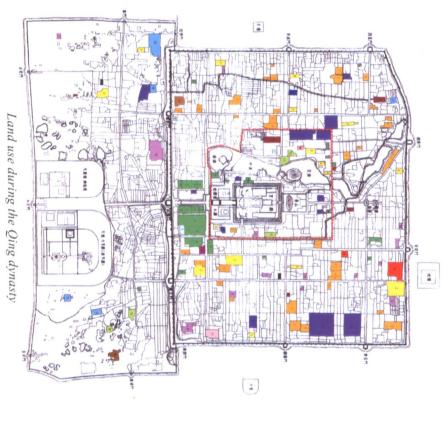
an auspicious number of 3 gates in four different directions. BC476), favoured a rectangular street grid with a palace in the centre, surrounded by temples and markets, and Principles for ancient Chinese urban planning, compiled towards the end of the Chun Qiu period (BC770-

of the Yuan dynasty palace. in fact the pile of rubble resulting from the destruction to archaeological research, the Coal Hill (Jin Shan) is taking its final shape during the Qing Dynasty (1644palaces and temples, and demolish the old. According City. It is a tradition that dynasties build their own located slightly to the north of the present Forbidden Beijing's historic Hutong grid pattern was laid down. 1911). The Yuan court's central palace compound was The grid was subsequently enlarged and adapted, This principle was followed in the Yuan dynasty when





established during the Ming Dynasty, reflects Yin centre lies the palace complex of the Forbidden determined that the 'inner city' had 9 gates, whilst of the 'Five Elements'. Yin Yang Wu Xing also stands to the South. The temples' location, direction. Yue Tan, Temple of the Moon, stands is bisected by its 7.8km north-south axis. In the the 'outer city' had 7. the North, whilst Tian Tan, the Temple of Heaven, the East. Di Tan, Temple of the Earth, stands to to the West. Ri Tan, Temple of the Sun, stands to City, flanked by four temples, one in each cardinal Beijing is laid out on a rectangular grid. The city Yang Wu Xing, the ancient philosophical school



Palace of prince

- Taoist temple Buddist temple
- Mosque
- Storehouses Catholic church
- Dynastic shrine of the emperor Government office (Yashu)
- Temples for imperial sacrifice Craft and manufacture
- "Eight Banners" campsite Gong Yuan
- Confucian temple Archive storehouse Horse fold
- Field Training center Cowshed

Limits of imperial city

Source: <La structure urbaine du vieux Pékin et sa Protection>, ÉFEO de Pékin, by Xu Pingfang, 2002

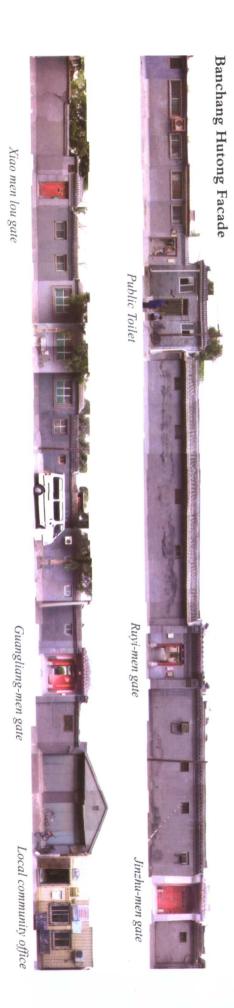
Hutong

streets and Small streets mostly ran North-South, whilst the Hutong lanes, mostly ran West-East. street, big streets (around 37.2m wide), small streets (18.6m wide) and Hutongs (9.3m wide). Big word, the most popular being that it means 'water well'. Yuan dynasty city plans show 3 types of in Beijing's Yuan dynasty records. There are several theories about the original meaning of the A 'Hutong' is a narrow lane. The term is believed to be Mongolian in origin, since it first appears

been converted into housing were once active throughout the Hutong areas. Many of these still exist today although many have trees were planted in the courtyards, whilst more were planted later along the sides of the Hutong historic buildings, such as temples and monasteries (Buddhist, Taoist, Confucianist and local Deities) Hutong lanes provide shelter from the wind and give a strong sense of privacy. Originally, many lanes. Maps from the Qing Dynasty and the Republican Era show that large numbers of important



Hutong alley structure (Qianlong map, in Nan Luo Gu Xiang area



Pass by bar

Western type gate

Guangliang-men gate

Various Types of Buildings

The remains of Yuan, Ming and Qing period street patterns are of immense value to our knowledge of historic Chinese urban planning, archaeology and sociology. Beijing also retains thousands of historic buildings of various types, from different periods, contributing greatly to our knowledge of ancient Chinese architecture. These structures include palaces, imperial gardens, monasteries, temples, bridges, residential buildings, European style buildings and Revolutionary monuments from China's recent history. Of particular note are the Imperial Palace complex from the Qing and Ming dynasties, the temple of Tian Ning Si from Liao dynasty, Bai Ta Si Pagoda and Wan Song pagoda from the Yuan dynasty.





f. Ming Qing Forbidden City -15 to 19 century-



a. Yong He Gong -18 century-



b. Dong Tang-1904-

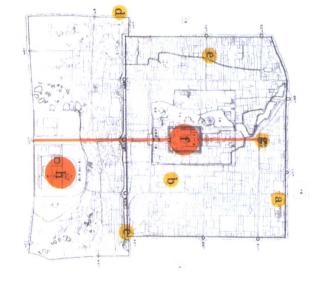


c. Ming city wall -15 century-

e. Bai Ta Si pagoda -13 century-



d. Tian Ning Si pagoda -10 century-



g. Bell tower -18 century.



h. Tian Tan -15 century-

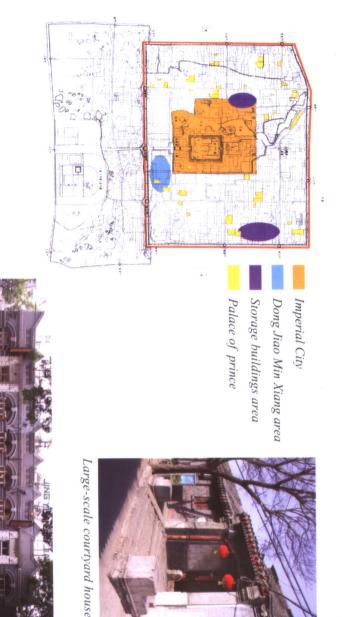


Area Feature

the different social groups that inhabited them. Despite a certain uniformity of height and limited variations in design, different residential neighborhoods still had distinct characteristics, reflecting

Inner City Feature

character, with concentrations of large-scale courtyard homes of the upper classes. These include palaces century, mostly former foreign embassies known as Dong Jiao Min Xiang, there are many western-style buildings dating to the beginning of 20th and storage buildings of princes and other royals. Within a block located to the east of Tian An Men square on Yuan-Dadu. The streets were laid out mainly on a grid pattern. Most of the inner city was residential in The inner city area measures 38km². The Imperial City stands in the center, and the city's planning was based



Dong Jiao Min Xiang, former French post office



Gate of the palace of a prince



Wide Hutong street in inner city

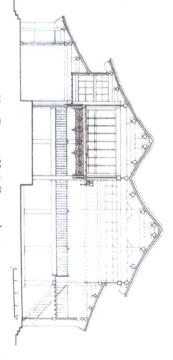


Storage buildings in Xin Nan Cang

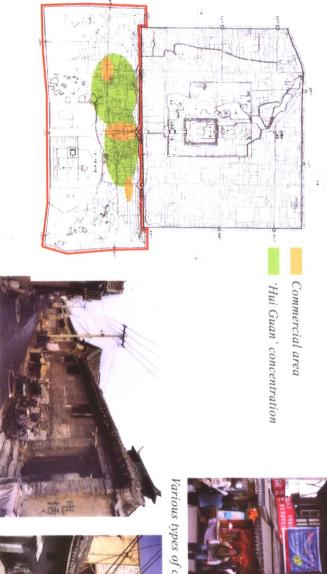
Outer City Feature

center. There were around 460 'Hui Guan' located within the outer city at the end of the was a liaison office between Beijing and local regions for traders and immigrants. The architectural inspiration from their respective native region. The institution of 'Hui Guan than in the inner city. The outer city has traditionally been a commercial area. Traders and Han Chinese in the outer city. The outer city was not laid out along a grid pattern, so quarters surrounding his palace. Mongols were located in adjacent zones in the inner city part. In 1648, the Qing emperor Shun Zhi settled his compatriots, the Manchus, in the them had their own opera theatres. The 'Hui Guan' also worked as an active community 'Hui Guan' provided free accommodation for visitors from local regions and some of there are many crooked streets and narrow alleys. Buildings are to a much smaller scale This area measures 24km², with the highest concentration of buildings in the northern from China's provinces tended to form their own neighborhoods, each drawing

Qing dynasty



Source: < Xuan Nan Hong Xue Tu Zhi> by Wang Shiren, 1997 Hu Guang Hui Guan theatre







Various types of commercial buildings





Narrow Hutong street in outer city

Small-scale courtyard house

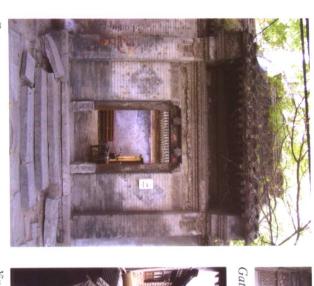
2.4 Residential Buildings

buildings grouped around one or several central courtyards. The traditional residential building of Old Beijing is the Si-He-Yuan, or courtyard house, consisting of low

allowing sunlight to shine into the main rooms. This design is well-suited to Beijing's climate. A major attraction side. Generally, the main residential buildings are south-facing, designed to block the fierce northern winds but courtyard facing south, with two sub rooms to either side (Er Fang). On the Western and Eastern sides are the of the courtyard house is its secluded and peaceful atmosphere, affording a degree of privacy and calm within In the Si-He-Yuan house, the main building (Zheng Fang) is preferably located on the northern side of the the city's bustle. The ambience of the courtyard house is closely tied to the traditional lifestyle of China's urban Xiang Fang. The south side comprises a building facing the street (Dao Zuo Fang) and a shadow wall (Ying Bi). The courtyard is accessed through a main gate at the southern end, and often there is a back door on the northern



Zheng Fang (main building)

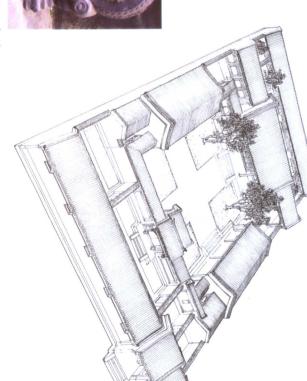


Ying Bi (shadow wall)



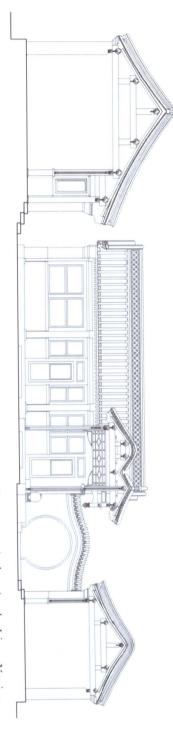


Men Dun (stone carving)



the grey bricks and tiles, creating the distinct Beijing Hutong combination Si-He-Yuan buildings are timber framed, with brick walls and tiled roofs. The reddish colour of the painted timber beams and pillars contrasts with

that ordinary beings should have houses taller than the walls of the Forbidden City. main gate. Within the inner city walls, before 1911, no residential building of more than one storey was permitted. It was considered unacceptable the status of the owner. The limitations included rules on the colour and style of roof tiles, the colour of the outside walls and the decoration of the Si-He-Yuan were subject to strict restrictions on height, design, colour and decoration in imperial times. The restrictions were graded according to



Courtyard house section -Xian Ming Hutong no.4- drawing by Liang Yaqing

2.5 Courtyard Houses in Modern Times

as an essential element of Chinese culture say that living on the ground floor is more healthy, since they remain in close connection with the road, Beijing's traffic and transportation systems would collapse. Many Beijing residents also schools and shops. If all the inner city Hutong residents were resettled beyond the fourth ring even if shared with three or four other families. The central location is convenient for work apartment flats. Yet many residents appreciate the living environment and quality of Old Beijing. Earth's energy. The Si-He-Yuan lifestyle has a long and ancient tradition, and is widely regarded infrastructure within a Si-He-Yuan, the standard of living is not compatible with that of modern many were converted to house several families as tenants. With the limitations of space and The Si-He-Yuan were originally designed and built to house one family, but since the 1950s



A courtyard house shared by several families, extension buildings cover original open space.