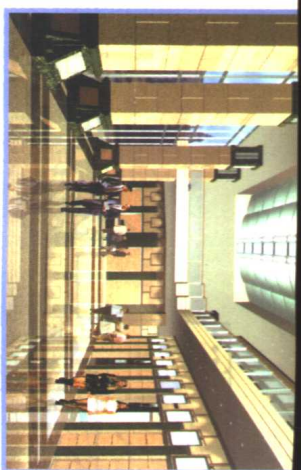


AN EXCELLENT COLLECTION OF
ARCHITECTURAL STUDENTS



大学生建筑设计

优秀作品集

李志民 庞丽娟 郑红雁 编

中国建筑工业出版社



西安建筑科技大学 建筑学院

XIAN UNIVERSITY OF ARCHITECTURE & TECHNOLOGY COLLEGE OF ARCHITECTURE

AN EXCELLENT COLLECTION OF ARCHITECTURAL DESIGNS FROM COLLEGE STUDENTS

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前言

为适应新时期的教育目标，更好地培养创造型建设人才。近年来西安建筑科技大学建筑学专业在继承传统教学体系特长的基础上，形成了三个开发平台（综合基础平台、学科基础平台、职业基础平台）和两个教学阶段（基础培养阶段和专业的深入、强化和扩展阶段）的专业教学体系。注重建筑设计课程的各教学环节相互衔接，循序进行，整体推进。从“功能、空间单一的建筑设计”到“功能、空间重复的建筑设计”，再到“具有复合功能的大空间建筑设计”和“考虑复杂物理环境的综合建筑设计”，以及有着特殊要求的“着重文脉的建筑设计”、“高层建筑设计”、“医疗建筑设计”等各个课程设计依次深化，逐步扩展，不仅使课程建设和专业建设有了长足的发展，而且取得了良好的教学效果，积累了丰富的教学经验，产生了大量优秀的学生设计作业。

为了对上述工作进行阶段性的总结，也为了向外界展示建筑设计课的教学成果，我们特意汇集精选了近几年的优秀学生课程设计作业和参加国内外学生设计竞赛作品，整理成图集。图集编排按设计作业的性质、类别划分为“国际建筑设计竞赛获奖作品”、“国内建筑设计竞赛获奖作品”、“建筑设计基础 I——III”、“建筑设计 I——VI”、“毕业设计”等共计 16 部分。我们希望借这本图集的出版，让更多的人能够更加直观和客观地了解西安建筑科技大学建筑学专业的办学特色和教学水平，同时也为专业教师提供教学参考，为学生提供学习资料。本图集收录的优秀设计作业是历届师生共同努力创造的成果，凝聚了师生共同的汗水和心血，在此向他们的辛勤工作、聪明智慧表示敬佩和感谢。由于图集篇幅所限，难以将优秀作品全部尽收，我们只好忍痛割爱，舍弃部分颇具价值的作品，为此不无遗憾，唯希望今后有机会使它们如数面世，以飨读者。

总之，创造型人才的培养是高等院校肩负的艰巨而持久的任务和目标。建筑学专业教育更是需要集思广益，需要国内外院校间的交流与合作。希望这本图集成为一扇开启有利于加强院校之间交流的窗口，并殷切期望各位同行专家为本图集以及我们的专业教育提出宝贵的意见，使我们得到更大的进步。

编者

二〇〇三年三月

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西安建筑科技大学建筑学院简介

西安建筑科技大学建筑学院具有悠久的历史,其前身是原东北大学建筑系和苏南工业专科学校建筑科。东北大学建筑系于1928年由梁思成先生创立,为中国历史上最早设立的大学建筑系之一;苏南工业专科学校的建筑科于1923年由柳士英和刘敦桢两位先生创立,是中国历史上最早从事建筑专科教育的建筑科。1956年全国高等院校院系调整,南北两所古老的建筑系迁至西安,与青岛工学院及西北工学院共同合并为我校前身——西安建筑工程学院,1963年更名为西安冶金建筑学院,1994年再次更名为西安建筑科技大学,同时成立建筑学院。

自1956年并校至今,建筑学院共招收38届4100余名本科学子(中间因“文革”中断8届),培养建筑学专业毕业生2000余名,城市规划专业毕业生500余名。目前,建筑学院共有在读本科生近640名,其中建筑学专业在读本科生429名。学院共培养硕士学位研究生370余名,在读博士、硕士研究生296名,学位进修生200名。

建筑学专业概况

我校建筑学专业自创办迄今已有七十余年的办学历史,经过长时间积淀,培育了一支学科门类齐全、专业梯队完善、富于创新精神和独具特色的师资队伍,拥有完整的教育设施和管理程序,已成为全国最优秀的建筑学专业之一。1994年,全国高等学校建筑学专业教育评估委员会开始对全国80余家建筑学专业进行评估,我校与清华大学、同济大学等八所院校的建筑学专业首批通过,并获得优秀级。2000年,本专业以优秀级再次通过复评,成为国际承认建筑学学位的少数中国院校(专业)之一。

20世纪80年代以来,我校建筑学专业学生在重要国内外设计竞赛中屡屡获奖:

1985年,建筑学学生参加国际建协(UIA)第12届学生设计竞赛,所提三个竞赛方案获叙利亚奖,开创中国建筑教育走向世界之先河;

1987年,建筑学学生参加国际建协(UIA)第13届学生设计竞赛,所提五个方案其中三个竞赛方案分获北欧、澳大利亚、匈牙利分会奖和优秀方案奖;

1990年,建筑学学生参加国际建协(UIA)第14届学生设计竞赛,所提方案获最高奖——联合国教科文组织奖;

1993 年,建筑学学生参加国际建协(UIA)第 15 届学生设计竞赛,所提方案获美国建筑师学会奖;

1999 年,建筑学学生参加国际建协(UIA)第 17 届学生设计竞赛,所提方案获哥伦比亚奖和中国建筑学会奖。

国际建协认定我校建筑学专业是国际建筑院校在国际建协(UIA)重要赛事上获奖最多的院校。1999 年,国际建协(UIA)委托我校举办第 17 届国际建筑学专业学生设计竞赛,来自世界五大洲的五名著名建筑师来我校担当评委,并成为我院建筑学专业客座教授。



A TODAY'S HOUSE IN THE OLDER NEIGHBOURHOOD

TO REHABILITATE A TODAY'S COURTYARD HOUSE WITH TRADITIONAL LARGE FAMILY ATMOSPHERE AROUSING THE SENSE OF BEING IN THE SAME BOAT

CONCEPT

FOR A SOUND FAMILY LIFE

FOR OUR FAMILY PERSONAL LIFE

FOR OUR FAMILY NEIGHBOURHOOD LIFE

TO RECALL BRIGHT MEMORIES

TO SATISFY ADJACENT EXPECTATIONS

TO RECALL OUR HOME AND FEELING

TO SATISFY PRESENTS OF MODERN LIFE

TO SATISFY PRESENTS OF INDIVIDUAL PERSONALITIES

TO SATISFY PRESENTS OF HEALTHY LIFE

GOAL

TO CREATE A RICH HOMEY ATMOSPHERE IN THE NEW HOUSE

TO CREATE THE FAMILY LIVING ENVIRONMENT FOR INDIVIDUAL SELF-EXPRESSION, SELF-DEVELOPMENT AND SELF-MODIFYING

TO STRENGTHEN THE ACTUAL Caring, EMOTIONAL Caring AND CONFESSION AMONG FAMILY MEMBERS

TO CREATE RICH AND VARIED FAMILY NEIGHBOURHOOD LIFE IN THE WHOLE CONTEXT

TO STRENGTHEN THE ACTUAL Caring, EMOTIONAL Caring AND CONFESSION AMONG THE COURT-YARD NEIGHBOURS

TO RESTORE A FAMILY LIFE IN CONTACT WITH NATURE

TO CREATE THE CONVENIENT AND COMFORTABLE FAMILY LIVING ENVIRONMENT FOR THE ENJOYMENT OF THE NEEDS OF PROJECTING FAMILY LIFE

TO PRESERVE AND DEVELOP THE CULTURAL SPIRIT OF THE LOCATION

TO STRENGTHEN THE HOMEINESS AND IDENTITY OF THE SITE

PRINCIPLE

TO PRESERVE THE EXISTING SOCIAL NETWORK

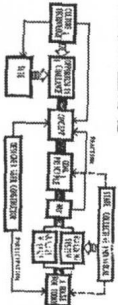
TO VALUE THE EXISTING PHYSICAL ENVIRONMENT

TO EXPLORE AND DEVELOP POTENTIAL MEANING OF TRADITIONAL FORM OF DWELLING

TO MAKE FULL USE OF NATURAL RESOURCES

TO USE BOTH TRADITIONAL AND MODERN TECHNOLOGY APPROPRIATE FOR THE LOCATION

PROCESS



WAY

THE PATTERN OF A TODAY'S HOUSE

THE INTEGRAL FAMILY

FAMILY SPACE

FAMILY PERSONAL SPACE

FAMILY NEIGHBOURHOOD SPACE

FAMILY LIFE SPACE

THE PATTERN OF A NEW COURTYARD HOUSE FOR TODAY

THE INTEGRAL FAMILY

FAMILY SPACE

FAMILY PERSONAL SPACE

FAMILY NEIGHBOURHOOD SPACE

FAMILY LIFE SPACE

THE PATTERN OF A NEW COURTYARD HOUSE FOR TODAY

THE INTEGRAL FAMILY

BACKGROUND

BEIJING - BEIJING IS ONE OF THE PROBLEMS OF THE CITY OF CHINA FOR PRESENT DAY CHINESE CONCEPTS IN THE PROCESS OF MASS PRODUCTION IN LARGE QUANTITIES. THE CITY OF BEIJING IS ONE OF THE PROBLEMS OF THE CITY OF CHINA FOR PRESENT DAY CHINESE CONCEPTS IN THE PROCESS OF MASS PRODUCTION IN LARGE QUANTITIES.

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CHALLENGE & OPPORTUNITY

CHANGES OF COURTYARD HOUSE

THE CONTRADICTION BETWEEN FORMER TYPE OF SPACE AND NEW LIFESTYLE

INCONVENIENT AND UNCOMFORTABLE LIVING CONDITION

LACK OF OPPORTUNITY OF SELF-DEVELOPMENT

OVERSIZED FAMILY STRUCTURAL FORM AND MEANS OF NUCLEAR FAMILY STRUCTURAL FORM

ONLY CHILD FAMILIES AND OLD AGE PROBLEMS

INADEQUATE MEANING OF SPACE

PHYSICAL

QUALITY OF ENVIRONMENT

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FAMILY LIFE

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TRADITIONAL LIFE AND SPACE

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MEMORIES & EXPECTATIONS

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MODERN LIFE

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BUILDING SYSTEM

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CONCLUSION

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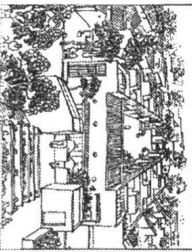
QUALITY OF ENVIRONMENT



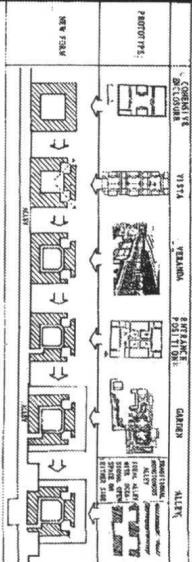
A TODAY'S
COURTYARD HOUSE
IN THE OLDER
NEIGHBORHOOD

SITE
PLAN
HOUSE
PLAN
HOUSE

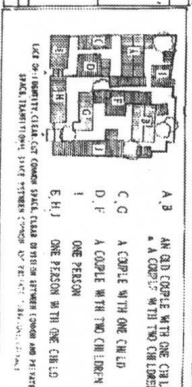
BIRO'S EYE VIEW



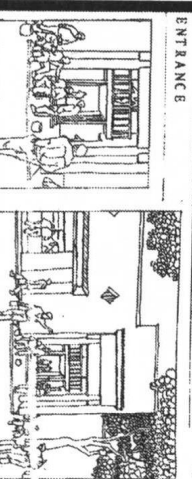
PHYSICAL CHARACTERISTIC OF COURTYARD HOUSE



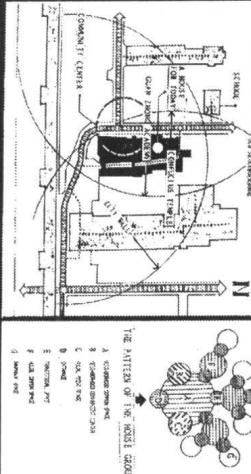
EXISTING CHAOTIC CONDITION



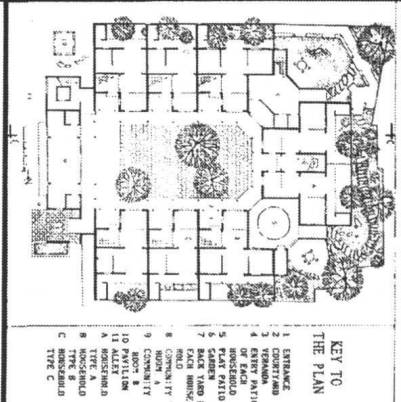
QUALITY OF SPACE



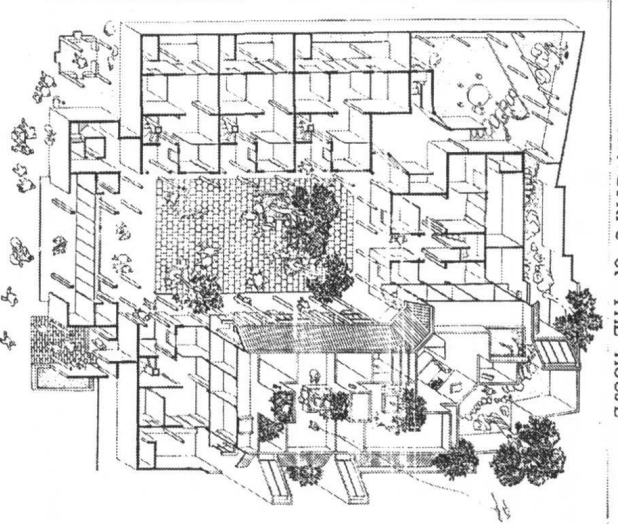
SITE PLAN



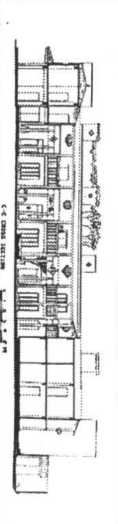
PLAN OF THE HOUSE



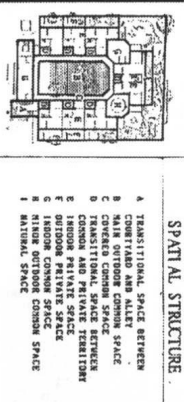
AXONOMETRIC OF THE HOUSE



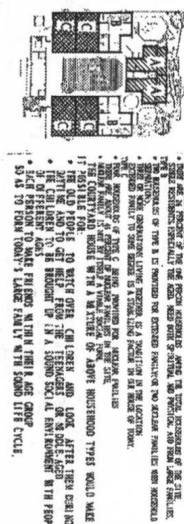
CROSS SECTION OF THE HOUSE



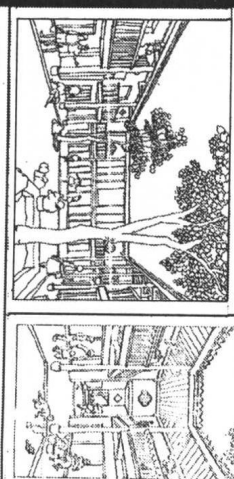
ANALYSIS OF HOUSE STRUCTURE



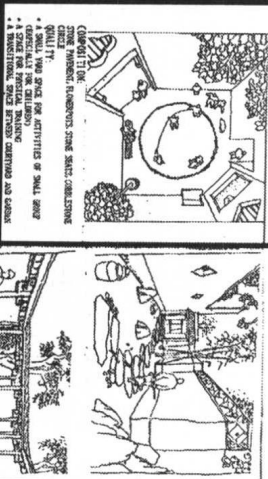
HOUSEHOLD TYPE



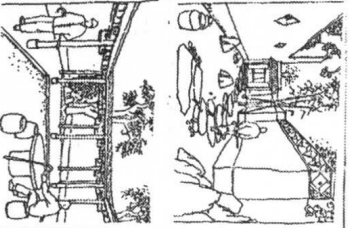
COURTYARD



PLAY PATIO

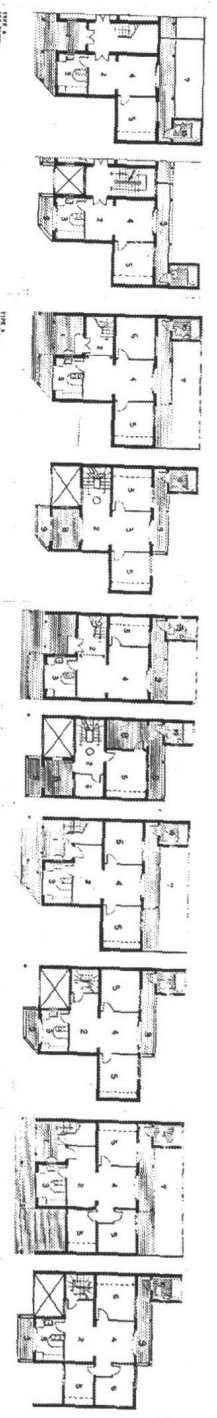


GARDEN

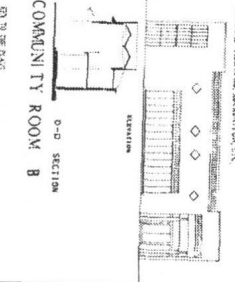
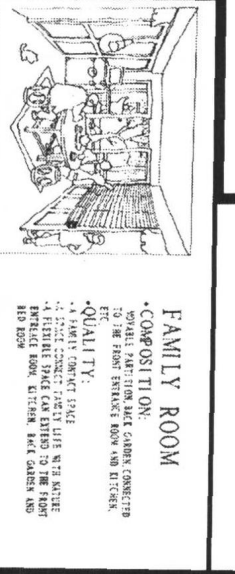
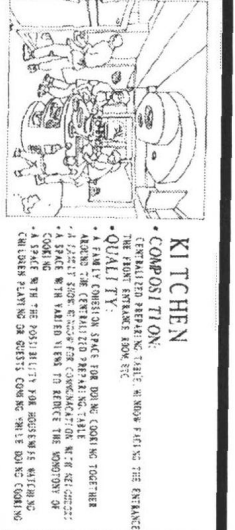
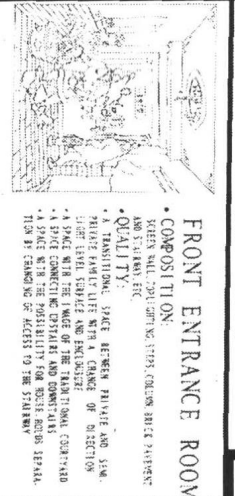
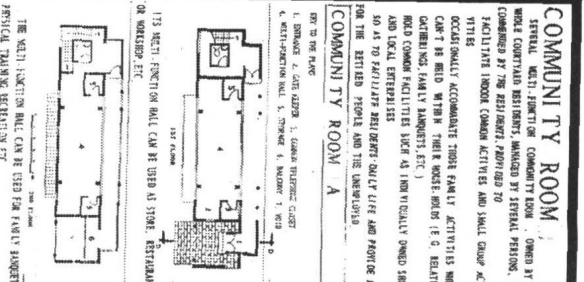
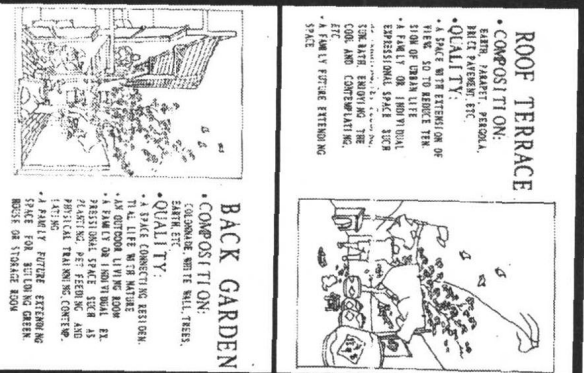
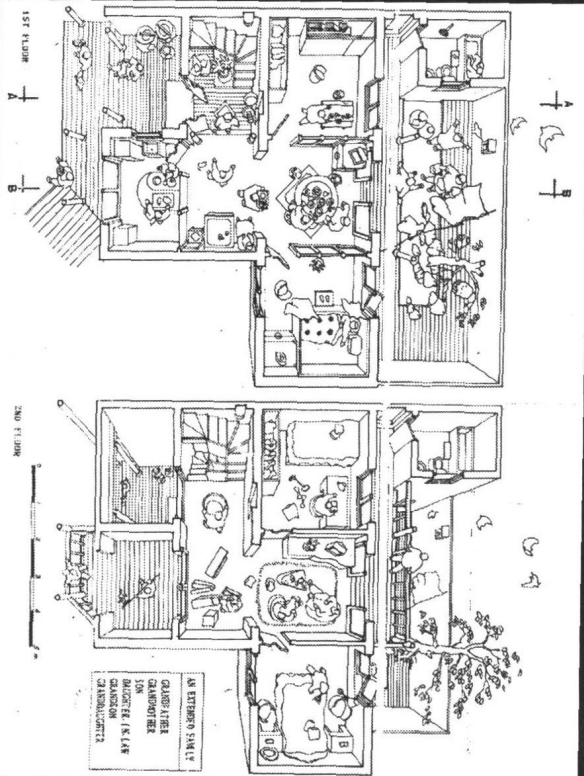
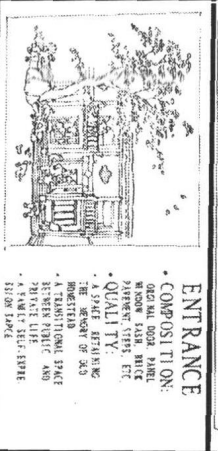
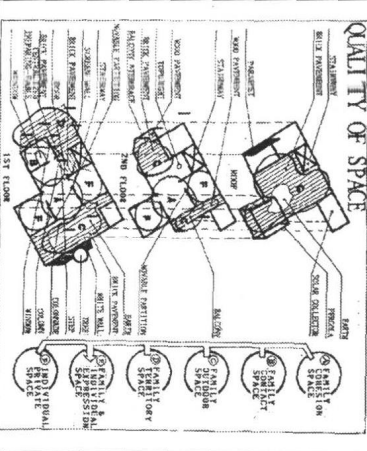




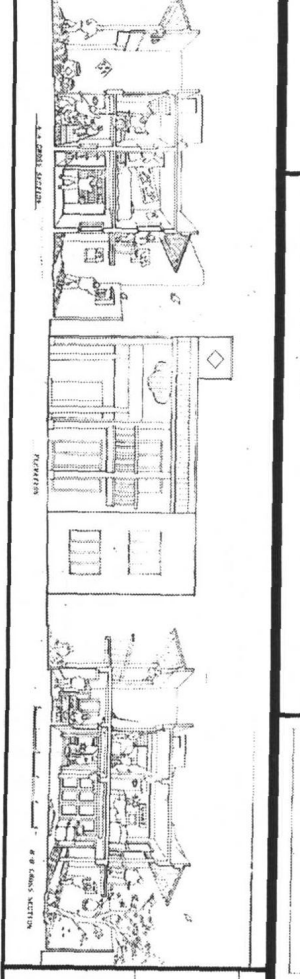
TYPE OF HOUSE HOLD



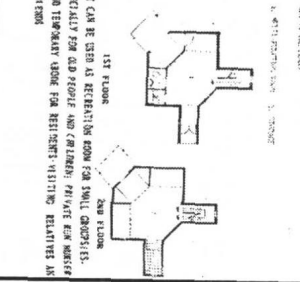
THE WAY OF BUILDING A HOUSE IS NOT TO GIVE THE HOUSE A FORM, BUT TO GIVE IT A LIFE. THE HOUSE IS NOT A BUILDING, BUT A WAY OF LIFE. THE HOUSE IS NOT A BUILDING, BUT A WAY OF LIFE. THE HOUSE IS NOT A BUILDING, BUT A WAY OF LIFE.



FORM	1st Floor	2nd Floor	3rd Floor	4th Floor	5th Floor	6th Floor	7th Floor	8th Floor	9th Floor	10th Floor
1. HOUSE WITH ONE GARDEN										
2. HOUSE WITH TWO GARDENS										
3. HOUSE WITH THREE GARDENS										
4. HOUSE WITH FOUR GARDENS										
5. HOUSE WITH FIVE GARDENS										
6. HOUSE WITH SIX GARDENS										
7. HOUSE WITH SEVEN GARDENS										
8. HOUSE WITH EIGHT GARDENS										
9. HOUSE WITH NINE GARDENS										
10. HOUSE WITH TEN GARDENS										

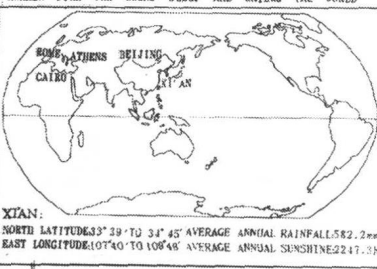


TECHNIQUE	1st Floor	2nd Floor	3rd Floor	4th Floor	5th Floor	6th Floor	7th Floor	8th Floor	9th Floor	10th Floor
1. HOUSE WITH ONE GARDEN										
2. HOUSE WITH TWO GARDENS										
3. HOUSE WITH THREE GARDENS										
4. HOUSE WITH FOUR GARDENS										
5. HOUSE WITH FIVE GARDENS										
6. HOUSE WITH SIX GARDENS										
7. HOUSE WITH SEVEN GARDENS										
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9. HOUSE WITH NINE GARDENS										
10. HOUSE WITH TEN GARDENS										

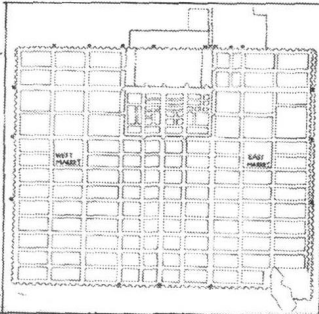


FOR THE SUSTAINABILITY OF A HISTORIC CITY—XI'AN

GENERAL BACKGROUND
XI'AN, AS WELL AS CAIRO, ROME, ATHENS AND OTHER WORLD-FAMOUS CITIES, IS ONE OF THE BIRTHPLACES OF WORLD CULTURE, WHICH CONTRIBUTED MUCH FOR THE DEVELOPMENT OF HUMAN SOCIETY AND ALSO REACHED GLORIOUS ACHIEVEMENTS ON CITY CONSTRUCTION WITH THE DEVELOPMENT OF THE TIMES. HOWEVER, MOST OF THEM WENT DOWNHILL TO-DAY SOME OF THOSE CITIES BEGIN TO REFLECT THEIR GLORY AGAIN IN THE WORLD AND ACCUMULATE MUCH VALUABLE EXPERIENCE FOR THE REVIVIFICATION AND SUSTAINABLE DEVELOPMENT OF HISTORIC CITIES.
CHINA (THE YELLOW COLOR PART ON THE MAP) STARTS TO AWAKEN FROM THE SOUND SLEEP AND ENTERS THE WORLD.



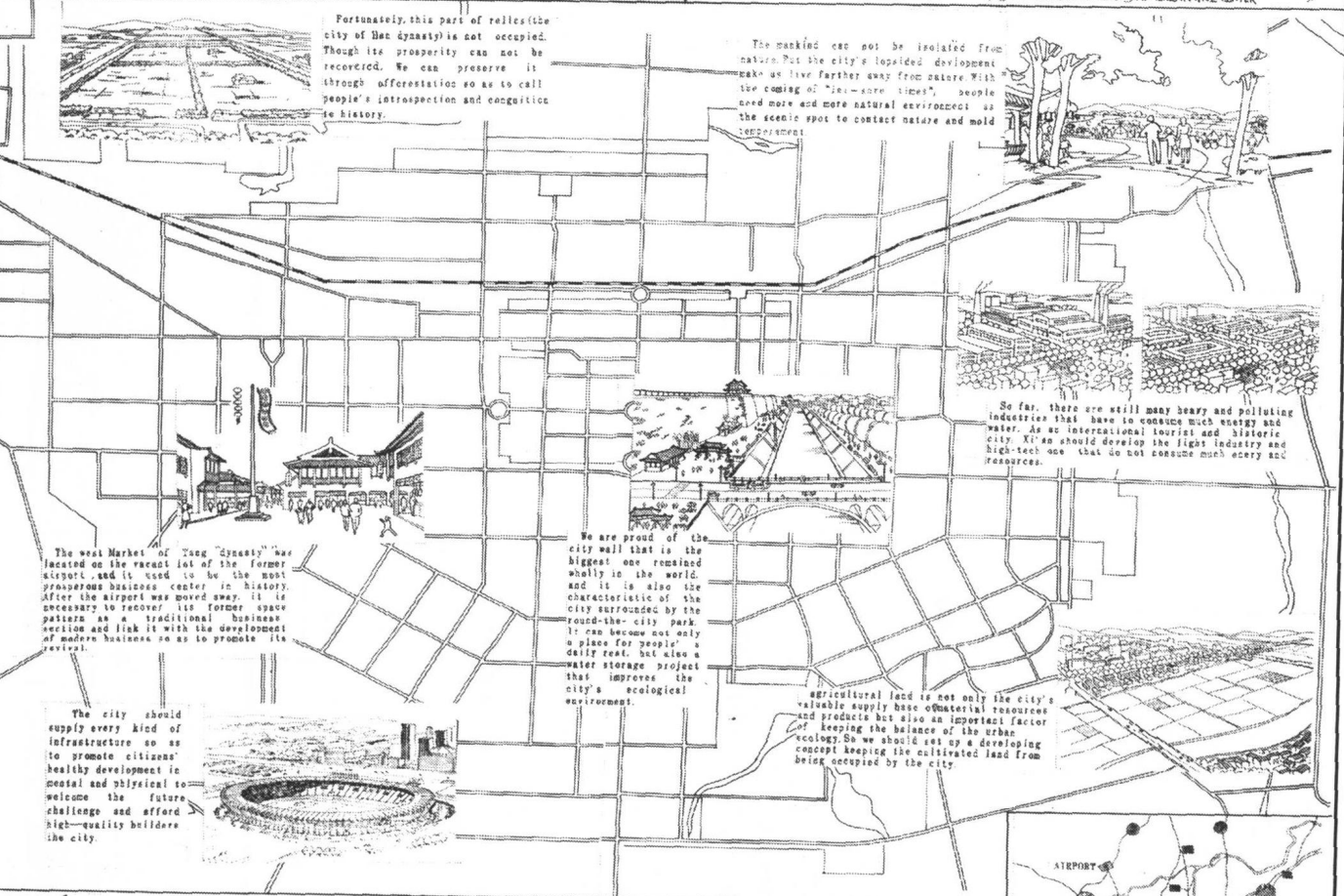
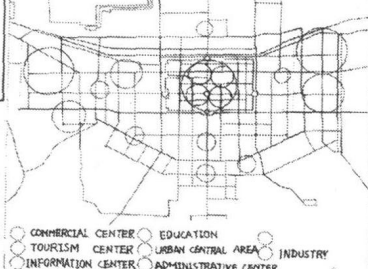
ECONOMIC CIRCLE. IN RECENT YEARS, THE GNP HAS BEEN GROWING BY THE AVERAGE RATE OF 9 PERCENT EACH YEAR, AND PEOPLE'S LIVES HAVE BEEN IMPROVED GREATLY AT THE SAME TIME. THE TRADITIONAL LIVING STYLE, NEIGHBORHOOD, RELATIONSHIP AND OLDER MORAL CONCEPT ARE FACED WITH THE POWERFUL IMPACT. WE ARE EXPLORING NEW CONCEPTS IN THIS GREAT SOCIAL CHANGE FOR THE SUSTAINABLE DEVELOPMENT OF THE HISTORIC CITY—XI'AN.



PLAN OF XI'AN CITY IN TANG DYNASTY
IN TANG DYNASTY (A.D. 618-907), XI'AN CITY, AS CHINA'S POLITICAL, ECONOMIC AND CULTURAL CENTER, WAS THE BIGGEST AND MOST PROSPEROUS INTERNATIONAL METROPOLIS AND FAMOUS CENTER OF TRADE AND CULTURE IN THE WORLD AT THAT TIME. ITS TOTAL AREA WAS ABOUT 83 SQUARE KILOMETRES AND ITS POPULATION WAS OVER ONE MILLION.

(CURRENT STRUCTURE OF XI'AN CITY)
TODAY'S XI'AN CITY IS FORMED ON THE BASE OF THE OLDER ONE REBUILT IN MING DYNASTY (A.D. 1368-1644). THOUGH THE TRADITIONAL STRUCTURE IS REMAINED, IT LOST A GREAT DEAL OF VALUABLE HISTORIC HERITAGES BECAUSE OF THE DEVELOPMENT IN THESE YEARS. NOW THE CITY HAS BEEN SPEEDING UP ITS MODERNIZATION AND SPRAWL LIMITLESSLY. HENCE, THE OLD CITY, AS THE ONLY CENTER OF XI'AN, WILL NOT BE ABLE TO ENDURE SO OVERWHELMING PRESSURE.

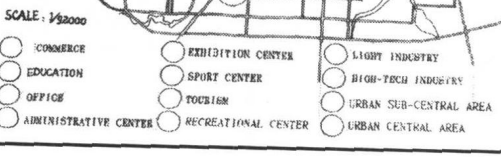
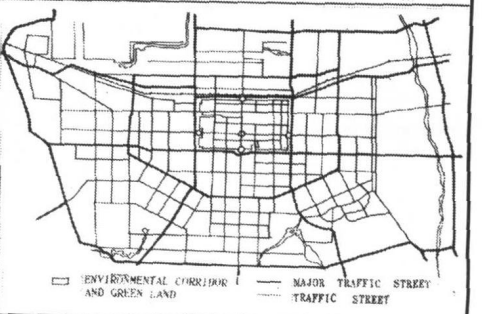
THE WHOLE URBAN



TOWN SYSTEM
THE BIGGEST CHALLENGE THAT XI'AN CITY FACE WITH IS THE CITY'S ACCELERATED DEVELOPMENT ACCOMPANIED BY THE POPULATION EXPLOSION. IN ORDER TO KEEP THE CITY FROM SPRAWL LIMITLESSLY, MANY CLUSTERS OF TOWNS WILL BE FORMED AROUND THE CENTRAL CITY. SOME TOWNS CAN HOLD PARTS OF THE POPULATION AND INDUSTRY IN THE CENTRAL CITY. THE CENTRAL CITY IS CONNECTED WITH SURROUNDING TOWNS BY EXPRESSWAY.

TRAFFIC AND AFFORESTATION
PERFECT TRAFFIC SYSTEM AS CITY'S VITAL ARTERY IMPROVES EFFICIENCY AND REDUCE POLLUTION. AFFORESTATION SYSTEM IS BENEFICIAL FOR THE CITY TO STORE WATER AND IMPROVE CITY'S ECOLOGICAL ENVIRONMENT. IT CAN ALSO BECOME A GREENBELT WITH AGRICULTURAL LAND TOGETHER WHICH CAN ISOLATE THE CENTRAL CITY FROM SURROUNDING TOWN AND INDUSTRIAL BASES.

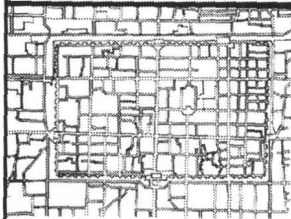
CITY STRUCTURE
THE CURRENT POPULATION OF XI'AN IS TWO MILLION, AND IT WILL BE CONTROLLED WITHIN THREE MILLION IN THE NEXT FIFTY YEARS. THREE SUB-CENTERS ARE SET UP AROUND THE FORMER CENTER REMAINING. THIS IS CAN BE BENEFICIAL FOR THE REASONABLE USE OF INFRASTRUCTURE AND TRANSPORTATION, AND IT CAN ALSO SAVE ON MUCH CONSUMPTION OF ENERGY. FURTHERMORE, IT CAN IMPROVE THE CITY'S FUNCTIONS AND ECOLOGICAL ENVIRONMENT AND LIGHTEN THE BURDEN ON THE CITY CORE.



THE OLDER CITY CORE

CONCEPT

TO TAP THE LATENT POWER OF THE OLDER CITY CORE SO AS TO PUT UP A NEW CITY CORE WITH THE HIGH FLAVOR OF TRADITIONAL CULTURE AND COMPLETELY NEW VITALITY AND TO PROMOTE THE REVIVAL OF THE OLDER CITY
TO MAKE REASONABLE USE OF LAND BY LINKING WITH ECONOMY, CULTURE, SOCIETY AND NATURAL ENVIRONMENT
TO CREATE BETTER PHYSICAL AND CULTURAL ENVIRONMENT SO AS TO PROMOTE HUMAN DEVELOPMENT AND SELF-PERFECTION IN COURSE OF INHERITANCE AND STUDY AND TO PROMOTE THE "SHEEN" CIRCLE OF PHYSICAL ENVIRONMENT



THE CITY CORE
HISTORICAL REGION
PRESERVED DISTRICT OF TRADITIONAL HOUSES
TRADITIONAL BUSINESS STREET
MAIN LINE OF COMMUNICATION

BACKGROUND

THE INNER CITY OF XI'AN IS BUILT ON THE BASIS OF THE "CHANG'AN" ROYAL CITY OF TANG DYNASTY. IT HAS A HISTORY OF 300 YEARS. UNTIL NOW THE CORE OF THE OLDER INNER CITY HAS BEEN THE CENTER OF POLITICAL, ECONOMIC AND CULTURE SINCE THE TANG DYNASTY AND UNTIL NOW.

IN PROCESS OF CIVILIZATION, MODERN LIFE GIVES THE CITY CORE NEW VIGOR, BUT MANY SOCIAL EVILS APPEAR BECAUSE OF THE CITY'S LIMITED EXPANSION AND ENCLAVE STRUCTURE. AND THE CITY CORE FACES THE DANGER OF LOSING CULTURAL SUSTAINABILITY. THE TRADITIONAL SCENES AND CHARACTERISTICS OF THE CITY CORE ARE DESTROYED SERIOUSLY BECAUSE OF POPULATION EXPLOSION AND TRAFFIC PROBLEMS.

THE SHARP INCREASE IN THE VOLUME OF TRAFFIC FORCES TRADITIONALLY TRANSFORMED CITY OF CONTROL TO THE PEDESTRIAN SYSTEM WITH THE FLAVOR OF TRADITIONAL COMMERCIAL BEING DESTROYED. THE MODERN LIVING STYLE IS CHANGING BUT THE MEASURES OF PRESERVING AND TRANSFORMING TRADITIONAL RESIDENTIAL AREAS ARE NOT BEING TAKEN IN TIME. SO THE RESIDENTIAL ENVIRONMENT IS TURNING WORSE AND THE OLDER NEIGHBORHOOD AREAS ARE LOSING FLAVOR.

CHALLENGE

THE SHORTAGE OF LAND IN THE OLDER CITY CORE BECAUSE OF POPULATION EXPLOSION AND TRAFFIC JAMMING
THE CORROSIVE INFLUENCE TO TRADITIONAL CULTURE AND THE CHIEF OF HUMAN EMOTION
THE COLLISION BETWEEN TRADITIONAL LIVING STYLE AND MODERN ONE

OPPORTUNITY

THE GOVERNMENT'S ATTENTION AND PEOPLE'S AFFECTION
THE CONSERVATION OF TRADITIONAL CULTURE
MODERN HIGH TECHNIQUES PROVIDE MORE EFFECTUAL MEASURES TO SOLVE PROBLEMS, AND THE DISASTROUS EFFECT CAUSED BY THE FACILE DEVELOPMENT OF TECHNOLOGY HAS NOT SPREAD WIDELY YET.

GOAL

TO TAP THE ESSENCE OF TRADITIONAL CULTURE SO AS TO PROMOTE THE SUSTAINABILITY OF THE OLDER CITY'S TRADITIONAL CULTURE AND THE SUSTAINABLE DEVELOPMENT OF COMMUNITY
TO PRESERVE HISTORICAL RELICS AND LANDSCAPE SO AS TO DEVELOP THE CONTEXTUAL AND SPECIAL ENVIRONMENT FOR HUMAN SUSTAINABLE DEVELOPMENT
TO IMPROVE THE QUALITY OF RESIDENTIAL ENVIRONMENT SO AS TO MEET RESIDENTS' NEED FOR MODERN LIFE AND MAKE THE OLDER NEIGHBORHOOD AREAS FULL OF VITALITY
TO RESUME AND IMPROVE THE FUNCTIONS OF CITY'S TRADITIONAL COMMERCIAL CENTER
TO ENSURE THE LAND COMPREHENSIVELY AND EFFECTIVE THE MODERN TRAFFIC SYSTEM SO AS TO HARMONIZE MODERN LIFE AND TRADITIONAL CITY STRUCTURE
TO EXPLOIT THE RESOURCES OF OLDER CITY'S CULTURE AND TOURISM AND ADJUST THE INDUSTRIAL STRUCTURE

WAY

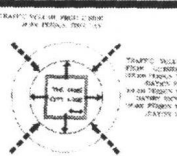
TO DECENTRALIZE THE POPULATION IN THE CITY CORE AND PUT UP A MULTI-CORE STRUCTURE
TO EXPLOIT THE UNDERGROUND SPACE FOR THE REPAIRMENT OF UNDERGROUND MARKET, PARKING LOT AND SUBWAY, ETC. SO AS TO CORRECT THE OVER-CONCENTRATION OF TRAFFIC AND SOCIAL ENVIRONMENT
TO MAINTAIN THE TRADITIONAL ATMOSPHERE AND MOST MODERN LIFE'S NEED BY WAY OF BOTH PRESERVING AND TRANSFORMING TRADITIONAL RESIDENTIAL AREAS AND COMMERCIAL STREETS
TO CREATE CONDITIONS FOR THE RECOVERY OF CLOSE NEIGHBORHOOD RELATIONS IN OLDER NEIGHBORHOOD AREAS
TO PUT UP A COMMERCIAL PEDESTRIAN SYSTEM MIXED WITH SIGHT SEEING AND PURCHASING



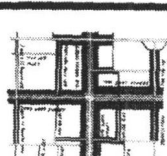
CURRENT SITUATION OF THE SOUTH STREET
THE MAIN CITY ROAD WITH HEAVY TRAFFIC, WHICH GOES AGAINST THE FUNCTION OF COMMERCIAL CENTER
PREVIOUS SITUATION OF THE SOUTH STREET
A TRADITIONAL STREET THAT WAS PERMEATED WITH THE TEMPLE AND KIND FLAVOR OF THE ANCIENT CITY

EXISTING OLDER HOUSES IN "SHAN XUE" STREET

A LARGER HOUSEHOLD IS THE BASIC UNIT OF THE TRADITIONAL "SIYUAN ZHONG" COURTYARD HOUSES. BECAUSE OF THE POPULATION GROWTH AND VARIETY OF FAMILY STRUCTURE, THE BUILDING DENSITY GROWS.
THE COURTYARD SPACE IS TOO SMALL TO FIT THE BASIC PHYSICAL CONCEPTS OF INFRASTRUCTURE, PUBLIC UTILITIES AND PUBLIC ACTIVITY SPACE ARE LACKING



ANALYSIS OF THE CITY CORE'S CURRENT SITUATION OF COMMUNICATION



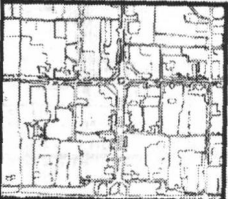
TRAFFIC VOLUME OF THE CITY CORE'S MAIN STREET



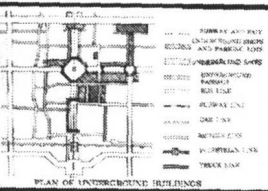
EXISTING TRADITIONAL HOUSES IN "SHAN XUE" STREET

SITE SPECIFICITY

POPULATION GROWTH BECOMES A BURDEN OF THE CITY CORE. TRAFFIC AREAS ARE SCARCE AND MAIN CITY ROADS ARE ALWAYS BLOCKED. GREEN LAND AND SQUARES ARE LACKING, AND THE LAYOUT OF THE CITY IS UNREASONABLE. BUSINESS AREAS ARE NOT SMOOTH TO MEET MODERN LIFE'S NEED. THE SCENES OF PRESERVING HISTORICAL RELICS IS NARROW AND SMALL. THERE ARE NO PARKING LOTS.

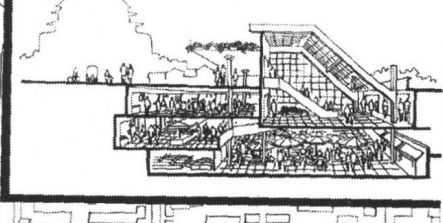


COMMUNICATION LINE PLANNING



PLAN OF UNDERGROUND INFLUENCE

TRADITIONAL SHOPS AND COURTYARD HOUSES IN "THE YUAN MEN" STREET
PRINCIPLE OF PROTECTION:
TO RECOVER THE EFFECT OF OUTWARD APPEARANCE OF TRADITIONAL BUILDINGS
TO PRESERVE THE MOST VALUABLE BUILDINGS
TO PRESERVE THE ATMOSPHERE OF TRADITION
AND FOLLOW THE TRADITIONAL STYLE WHEN STREETS HAVE TO BE RECONSTRUCTED



SQUARE AND UNDERGROUND MARKET OF THE BELL TOWER

TO EXPLOIT THE UNDERGROUND SPACE OF CITY CORE AND SET UP UNDERGROUND MARKET SO AS TO INCREASE BUSINESS AREAS AND RELAX THE TENSION OF TRAFFIC
TO SET UP A SQUARE WITH GREEN LAND AS A CITY'S OPEN SPACE BETWEEN THE BELL TOWER AND THE DRUM TOWER IN THE CITY CORE
TO BUILD CULTURAL BUILDINGS AROUND THE SQUARE AND PRESERVE TRADITIONAL APPEARANCE SO AS TO RECOVER THE SQUARE AS A STAGING OF THE CITY'S CULTURE AND TRADITION AND CALL FOR CITIZENS' LOVE TO THE CITY AND SENSE OF BELONGING



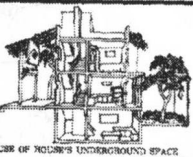
THE WEST STREET



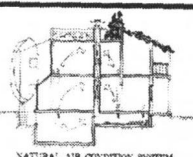
THE DRUM TOWER



THE EAST STREET



USE OF HOLLOW'S UNDERGROUND SPACE



NATURAL AIR CONDITION SYSTEM

REPAIRING A PEDESTRIAN STREET SYSTEM CONNECTED WITH TOURISM AND PURCHASING
FROM "THE YUAN MEN" STREET WHERE THERE ARE MANY CULTURAL RELICS SUCH AS CONFUCIAN TEMPLE AND "YUAN FENG" ACADEMY, ETC. FROM "XIANG ZI MAO" STREET TO "THE YUAN MEN" STREET WHERE THERE ARE MANY TRADITIONAL HOUSES WITH LOCAL CHARACTERISTICS
"THE YUAN MEN" STREET, WHICH IS A TRADITIONAL BUSINESS STREET THAT DEALS IN ARTICLES MADE OF BAMBOO AND WOOD
"THE YUAN MEN" STREET, WHICH IS A TRADITIONAL BUSINESS STREET WITH THE STYLE OF QING DYNASTY

REPAIRING A PEDESTRIAN STREET SYSTEM CONNECTED WITH TOURISM AND PURCHASING

TRADITIONAL HOUSES IN "DEPU" ALLEY
TO PRESERVE PART OF THE TRADITIONAL COURTYARD HOUSES AS A MUSEUM OF PEKING CUSTOM
TO TRANSFORM THE LOW LIVING AREA AND REBUILD TRADITIONAL HOUSES THAT HAVE TRADITIONAL STYLES AND MEET THE NEED OF MODERN FAMILY'S STRUCTURE AND LIVING STYLE

TRADITIONAL HOUSES IN "DEPU" ALLEY

THE "YUAN ZHONG" ACADEMY
THE "YUAN MEN" STREET
THE SOUTH GATE

THE "YUAN ZHONG" ACADEMY

THE "YUAN MEN" STREET

THE SOUTH GATE

THE "YUAN ZHONG" ACADEMY

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THE "YUAN ZHONG" ACADEMY

THE "YUAN MEN" STREET

THE SOUTH GATE



TRADITIONAL BUSINESS STREET - "ZHU BA SHI" STREET

TO BUILD A BUSINESS STREET WITH VARIOUS CHARACTERISTICS BY CONSIDERING THE TRADITIONAL AND MODERN NEED

IT IS A TRADITIONAL STREET THAT ONLY IN ARTICLES MADE OF BAMBOO, BRONZE, AND NOW IT BECOMES A STREET THAT DEALS IN KINDS OF FURNITURE SPECIALLY.

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NEW HOUSES WITH TRADITIONAL CHARACTERISTICS

TO PROVIDE VARIOUS TYPES OF HOUSES

TO PROVIDE OUTDOOR AND INDOOR SPACES FOR PUBLIC ACTIVITIES

TO PROVIDE FINE PUBLIC UTILITIES

TO ADAPT THE TRADITIONAL FORM AND STYLE



PERSPECTIVE OF COURTYARD



TRADITIONAL HOUSES IN "DEPU" ALLEY

TO PRESERVE PART OF THE TRADITIONAL COURTYARD HOUSES AS A MUSEUM OF PEKING CUSTOM

TO TRANSFORM THE LOW LIVING AREA AND REBUILD TRADITIONAL HOUSES THAT HAVE TRADITIONAL STYLES AND MEET THE NEED OF MODERN FAMILY'S STRUCTURE AND LIVING STYLE

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CONCEPTS

- THE GOOD SUBSTANTIAL CYCLE IS THE FOUNDATION OF THE SOCIETY'S SUSTAINABILITY.
- THE KEY POINT FOR A SUSTAINABLE SOCIETY IS THE GOOD DEVELOPMENT OF CULTURE.
- ONLY THE DEVELOPMENT THAT FOLLOWS THE NATURAL DEVELOPING LAWS COULD BE SUSTAINABLE.
- IT IS PEOPLE'S CONSCIOUSNESS AND CONDUCT THAT IS PRIMARY.
- ENVIRONMENT SHOULD PROMOTE AND COORDINATE PEOPLE'S CONDUCT.

PHILOSOPHY

QUALITY OF HUMAN CAN BE IMPROVED BY THE HEALTHY CULTURE. TRADITION AND DEVELOP THE FINE CULTURAL TRADITION AND THE GENERALLY CULTURAL TRADITION, SO AS TO CONTINUOUSLY CREATE NEW AND FINE AFFECTION IN THE FUTURE.

WITH CHANGING THE MEANING OF THE BUILT ENVIRONMENT, TRANSFERRING FROM FUNCTION SITE TO INFORMATION EXCHANGING SITE, CULTURE COULD BE EXTENDED WITHIN THIS CARRIER OF INFORMATION.

LET'S IMAGINE TO GET THE CARRIER OF ENVIRONMENT UNDER THE NATURAL AND SOCIAL CONDITION, AND MELT IT INTO THE NATURE AS FOLLOWS ITS DEVELOPING RULES AS WHAT IT COULD BE LET IT BE EXTENDED FOREVER IN THE TIME SPACE OF HISTORY AND GOT A NEW MEANING IN THE FUTURE.

OKI AND THE MAIN PROBLEMS EXISTING WITH THE DEVELOPMENT OF NEW DISTRICTS.

AS THE SPACE ORDER IS NOT PROPER, IT HARMS THE NATURE AND AFFECTS OUR DEVELOPMENT. THE DENSITY OF THE ATMOSPHERE, WATER AND SOIL CIRCULATION, ENERGY WASTE, POLLUTION,...

AS THE SPACE SCALE DOES NOT COMBINE WITH THE NATURAL SCALE OF THE HUMAN, IT RESULTS IN THE PROBLEM OF HUMAN AND NATURE ECOLOGY. WE HAVE NOT GOT THE CORRECT USE OF TECHNOLOGY, IT COULD RESULT IN THE WASTE OF NATURE AND HARMFUL AFFECTION TO THE HUMAN BEING'S HEALTH. THE SHORTAGE OF NATURAL RESOURCES, ENERGY CRISIS, ECOLOGY DESTROY, AIR-CONDITION ILLNESS, BEING PEAR SPROUTS, THE SLACK AND GOING AWAY OF THE BASIC LIFE STRUCTURE LEAD TO THE RAISING OF THE SOCIAL PROBLEMS, THE VANISHING OF THE NEIGHBOURHOOD LIFE, THE FALLING OF COMMUNAL IDEAS, THE INCREASING OF THE SEPARATION AGAINST THE PUBLICS.

THE CONSTRUCTION ENVIRONMENT FORMS A LOT OF NEGATIVE AFFECTION TO THE PEOPLE'S CONCEPT OF CONSCIOUSNESS, CRITICISM SENSE AND CITY'S PROUD HAVE BEEN DISAPPEARING.

THE ENVIRONMENT'S INTERNATIONALIZING, THE LOSING OF THE LOCAL CULTURE.

TODAY, AS ALL KINDS OF CONTRADICTION ARE CONTINUOUSLY COMING OUT, HUMAN SOCIETY NEEDS SUSTAINABILITY AND FASTER DEVELOPMENT, OUR PHILOSOPHY FOR ARCHITECTURE IS BEING IMPACTED.

WAY

THE NEW DISTRICT WILL BE SET UP WITH A PROPER SCALE ABOUT 1000-2000 METERS, IT WILL FORM A RELATIVELY INDEPENDENT CITY REGION AND TAKE A PARTIAL FUNCTION SO AS TO MEET THE NEEDS OF THE NEIGHBOURHOOD.

ORGANIZING THE EXISTING LAYERS ACCORDING TO THE SOCIAL SOCIETY-SECTION CONCEPT, DIVIDING INTO RESIDENTIAL AND GROUP, SO THAT EACH PART CAN BE EXPRESSED THAT EACH LAYER GROUPS HAVE BOTH CONNECTIONS AND RELATIVE INDEPENDENCE.

AS SPECIFIC METHODS ARE ADAPTED, A STABLE SOCIAL STRUCTURE WITH DIFFERENT COHESION IN POPULATION CHAIN BE FORMED, IT OFFERS ASSOCIATION, EXERCISES, ENJOY AND RESTING SITE, AND CALLS IN PEOPLE TO TAKE PART IN THE ENVIRONMENT CONSTRUCTION.

APPLYING REASONABLE HIGH-DENSITY TO EXPLOIT THE SPACE UNDERGROUND, SO AS TO ACHIEVE FINE SCALE AND EFFICIENT BENEFITS, AS WELL AS THE ADVANTAGE OF ECOLOGY.

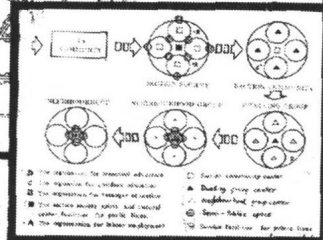
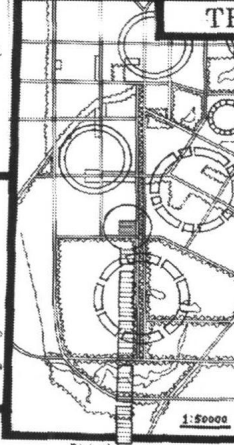
CARRYING ON THE LOCAL PRINCIPLE OF CULTURE, REFLECTING THE GRACEFUL SCENE OF THE ANTIQUE CITY, USING THE NATURAL PROPERTY, AND COMBINING WITH THE TECHNICAL METHODS TO MEET PEOPLE'S NEEDS FOR THE COMFORTABLE AND PHYSICAL ENVIRONMENT.

INCREASE THE QUALITY OF CHANGE THE SURFACE CHARACTER OF THE BUILDING, IMPROVE THE CLIMATE ENVIRONMENT, THE MULTIPLE AND CYCLING USE OF WATER, USE SOLAR ENERGY AND UNDERGROUND HEAT ENERGY, IN AN IMPROVED POSITION FOR SUSTAINABLE AND SAVING ENERGY.

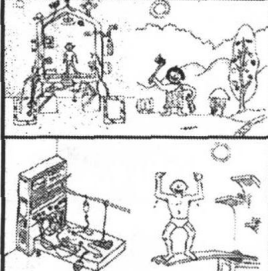
NOTE: GOOD USE OF LOCAL MATERIALS AND OTHER RAINWATER "GARDEN" TO CARRY OUT CONSTRUCTIONS.

THE NEW DISTRICT

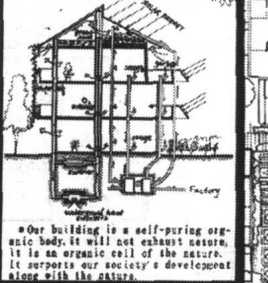
- COMMERCIAL AND OFFICE CENTER
- THE OLYMPIC CENTER
- HIGH-TECH INDUSTRY
- LIFE AND WORK COMMUNITY
- COLLEGE
- ENVIRONMENT CORRIDOR AND GREEN LAND
- PUBLIC BUILDING
- TRAFFIC STREET
- LIFE STREET



With the systematic, the space order and society order, the substances order and ecology order are all unified as organic body so as to make the better conditions.

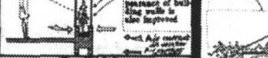


Today's building and the past building are just like the incurable patients and the healthy person.



Our building is a self-purging organic body; it will not exhaust nature, it is an organic cell of the nature. It supports our society's development along with the nature.

City won't need to create concrete, it will become the oasis which are suitable for our living.



There will not be any problem of energy and climate. The building will be a part of the nature, and the nature will be a part of the building.



Our carrier should fit our scale and meet the needs of both our material and spiritual life. We are not only warmly accepted but also able to enjoy the nature, we're living in an active environment.



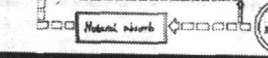
Mediterian building. The good social benefits and ecological benefits.

High rising. Isolated from the nature and lose the association.

Low building. Unable to house the fast increasing population, variegated a lot.



The earth is facing the change of water, try to save willful using water, residents and cities.



We are looking for the 'Food Chain' in the 'New-living' world.



We build our house perfectly with our own hands, and beautify our environment. We are setting up friendships, being recognized, and getting the cooperation as well as the progress.

THE PLAN OF THE HOUSE SECTION SCALE 1/400



THE UNITY OF THE INDOOR AND OUTDOOR LIVING SPACE SCALE 1/400



Lower storey building (3-4 story), proper living rooms with east and west facing, could some lands and within a better benefits of ecology.



The near neighbour yard for meeting the needs of neighbourhood living



A COMMUNITARIAN

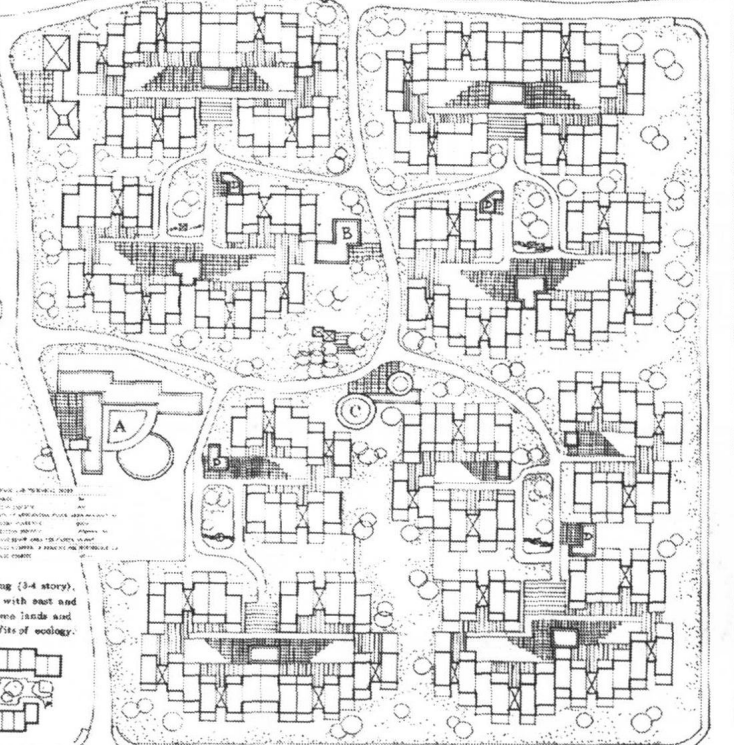
THE NEW DISTRICT

CULTURAL CITY CULTURE IN RESIDENTS COMMITTEE

THE NEW DISTRICT

THE NEW DISTRICT

THE NEW DISTRICT



SITE PLAN SCALE 1/1000

Lower storey building (3-4 story), proper living rooms with east and west facing, could some lands and within a better benefits of ecology.



The near neighbour yard for meeting the needs of neighbourhood living



A COMMUNITARIAN

THE NEW DISTRICT

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A COMMUNITARIAN

THE NEW DISTRICT

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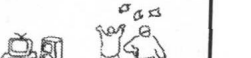
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