

WUXIANG 987 HIGH LINE PARK

PROJECT OVERVIEW

THE PROJECT IS LOCATED IN WUXIANG TOWN, YINZHOU DISTRICT, NINGBO CITY, STARTING FROM AIMIN ROAD IN THE WEST, HOUTANG RIVER IN THE EAST, AND SHANHUA ROAD IN THE SOUTH. THE SITE IS ADJACENT TO THE ABANDONED GROUND SECTION OF THE BEILUN BRANCH LINE OF THE XIAOYONG RAILWAY, THE METRO LINE 1 AND THE ELEVATED SECTION OF THE XIAOYONG RAILWAY. IT IS ABOUT 987 METERS LONG AND THE WIDTH OF THE INTERIOR LAND IS ABOUT 8-52 METERS. IT IS A RARE ABANDONED RAILWAY RECONSTRUCTION PROJECT IN NINGBO CITY.

DESIGN CONCEPT

FROM THE START OF CONSTRUCTION OF THE XIAOYONG LINE IN 1910 TO THE OFFICIAL OPENING OF THE METRO IN 2014, THE NINGBO RAILWAY HAS SPANNED A HUNDRED YEARS, WITNESSING THE URBAN DEVELOPMENT IN CHANGING TIMES. AFTER IN-DEPTH EXCAVATION OF SITE CHARACTERISTICS AND RAILWAY CONTEXT, THE DESIGN TEAM SUMMARIZED AND EXTRACTED A SYSTEMATIC DESIGN LANGUAGE AND FORM WHICH INTENDS TO INTRODUCE THE CENTURY-OLD SOCIAL EVOLUTION. THE PAST SCENES ARE DESCRIBED IN DETAIL, SO THAT VISITORS CAN EXPERIENCE THE STRONG LOCAL CULTURAL ATMOSPHERE IN A RELAXING ENVIRONMENT.

PROJECT FEATURES

1. ROUTE WEAVING AND CONNECTION, THREE-LINE COEXISTENCE

THE ORIGINAL SITE AND THE SURROUNDING ENVIRONMENT ARE COMPOSED OF THREE LINEAR SPACES THAT DEVELOP IN PARALLEL. THE SPACE SEPARATED FROM EACH OTHER MAKES IT DIFFICULT TO MEET THE STRONG TRAVEL DEMAND IN WUXIANG TOWN, AND THE CORRESPONDING BENEFITS BROUGHT BY RAILWAY TRANSIT ALSO CANNOT BE EFFECTIVELY GUARANTEED. IN ORDER TO SOLVE THIS URGENT AND PRACTICAL PROBLEM, THE DESIGN TEAM CONNECTED THE NORTH-SOUTH SPACE BY CONSTRUCTING A LANDSCAPE AREA THAT COMBINES PRACTICAL FUNCTIONS AND LOCAL FEATURES. ON THE BASIS OF CONTINUING THE EXISTING VILLAGE TEXTURE, IT RAN THROUGH THE BREAKPOINTS OF THE ROAD NETWORK BETWEEN THE LANES AND THE SITE, HIGHLIGHTING THE EXPERIENCES IN THE STREETS AND ALLEYS. THE ROAD NETWORK INTERWEAVED HORIZONTALLY AND VERTICALLY AND INTERPENETRATES EACH OTHER, WHICH REALIZED THE DEVELOPMENT OF THE SITE AND THE SURROUNDING ENVIRONMENT WITH EFFICIENT AND CONVENIENT TRAFFIC FLOW ORGANIZATION THAT CONFORMS TO THE LOCAL MODE OF TRANSPORTATION IN THE LONG TERM.

2. CENTENNIAL RAILWAY, HISTORY LECTURE HALL

THE ABANDONED ROADBED OF THE ORIGINAL RAILWAY IS USED IN THE DESIGN, AND THE RAILWAY CULTURAL SYMBOLS SUCH AS RAILWAY TRACKS, SLEEPERS AND SIGNAL LIGHTS THAT ARE LEFT IN THE CURRENT SITUATION ARE PRESERVED, AND THE ORIGINAL DESIGN ELEMENTS SUCH AS TRAIN FACADE FENCES, STATION LOGOS, AND PLATFORM SIGNS ARE COMBINED TO FURTHER STRENGTHEN THE ATMOSPHERE OF THE PLACE, WHICH REPRODUCE THE PROSPEROUS SCENE ON THE BEILUN LINE OF THE XIAOYONG RAILWAY IN THE PAST. THE DESIGN TEAM ALSO USED THE RAILWAY SOUNDPROOF SCREEN AS A CARRIER TO TURN THE HISTORY OF THE SITE INTO AN EASY-TO-UNDERSTAND PICTURE SCROLL, USING A VIVID AND LIVELY FORM TO BUILD A HISTORICAL AND CULTURAL PROMENADE WHICH BRINGS IMMERSIVE EXPERIENCE TO THE VISITORS.

3. NEIGHBORHOOD WATER TOWN, HUSTLE AND BUSTLE IN THE CITY

WITH THE RAPID DEVELOPMENT OF URBANIZATION, THE SPIRITED AND VIBRANT LIVING ATMOSPHERE AMONG THE NEIGHBORS IN THE VILLAGE IS GRADUALLY LOST. THE DESIGN INTENTION IS TO RESPECT THE EXISTING VILLAGE LIFESTYLE, SO AS TO CREATE A LIVABLE AND DYNAMIC BACKYARD GARDEN IN THE NEIGHBORHOOD. IN ORDER TO RETAIN THE IMAGE OF THE WATER TOWN AND THE IMPRINT OF GROWTH OF THE LOCAL PEOPLE, THE DESIGN TEAM BUILT A PUBLIC SPACE THAT THE RESIDENTS CAN ENJOY MANY INTERACTIVE ACTIVITIES. IT STIMULATES THE ENTHUSIASM OF THE RESIDENTS TO PARTICIPATE, AND REALIZES THE INTEGRATION AND SYMBIOSIS BETWEEN TRADITIONAL LIVING AREAS AND EMERGING BUSINESS TYPES.

4. COMPREHENSIVE BENEFITS

THIS PROJECT ACTIVELY EXPLORES A NEW PATH FOR RAILWAY LANDSCAPE DEVELOPMENT IN A COMPLEX ENGINEERING ENVIRONMENT, CONNECTS VILLAGES AND METRO HUBS THROUGH A COMPLETE SPATIAL INTERCONNECTION NETWORK, RELIEVES THE COMMUTING PRESSURE OF SURROUNDING COMMUNITIES, AND CAN EFFECTIVELY PROMOTE THE REVENUE OF RAILWAY TRANSIT. THE FUNCTIONAL SETTING BASED ON COMMUNITY CO-CONSTRUCTION CAN FURTHER ENHANCE THE SENSE OF IDENTITY OF THE PLACE AND EXPAND THE TRADITIONAL PRODUCTION METHODS AND LIVING BOUNDARIES OF LOCAL RESIDENTS. IN ADDITION, THE DESIGN EMPHASIZES THE LANDSCAPE EXPRESSION OF THE LOCAL CULTURAL CONTEXT, USING HISTORICAL TRANSLATION AND SITUATIONAL EXPERIENCE TO INTEGRATE THE LOCAL CHARM OF THE RAILWAY ERA. THE DESIGN IS FULL OF TOUCHING QUALITIES OF PEOPLE, WHICH CREATE A CULTURAL SYMBOL UNIQUE TO WUXIANG TOWN.

PROJECT LOCATION

Old village reconstruction area: 35583m²

Wuxiang primary school

Wuxiang kindergarten

Wuxiang Old Street

WUXIANG STATION

Red line area: 53044m²

abandoned ground section of Xiaoshan-Ningbo Railway

viaduct section of Xiaoshan-Ningbo Railway

No. 1 rail line

prime farmland

including parking lot to be removed

village to be removed

Wuxiang village center

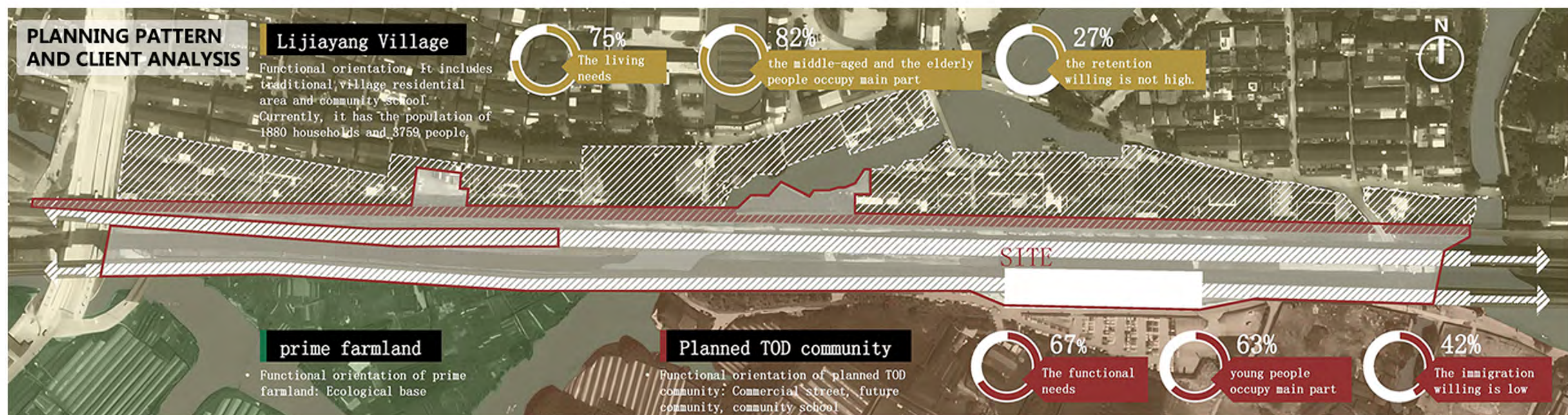
Wuxiang village

Ningbo City

Zhejiang Province, China

SITE

THE PROJECT IS LOCATED IN WUXIANG TOWN, YINZHOU DISTRICT, NINGBO CITY, STARTING FROM AIMIN ROAD IN THE WEST, HOUTANG RIVER IN THE EAST, AND SHANHUA ROAD IN THE SOUTH. THE SITE IS ADJACENT TO THE ABANDONED GROUND SECTION OF THE BEILUN BRANCH LINE OF THE XIAOYONG RAILWAY, THE METRO LINE 1 AND THE ELEVATED SECTION OF THE XIAOYONG RAILWAY. IT IS ABOUT 987 METERS LONG AND THE WIDTH OF THE INTERIOR LAND IS ABOUT 8-52 METERS. IT IS A RARE ABANDONED RAILWAY RECONSTRUCTION PROJECT IN NINGBO CITY.



TRAFFIC CONDITION SUMMARY



Lane



hard partition



abandoned ground
section of railway



viaduct section of
railway



No. 1 rail line



Wuxiang subway
station



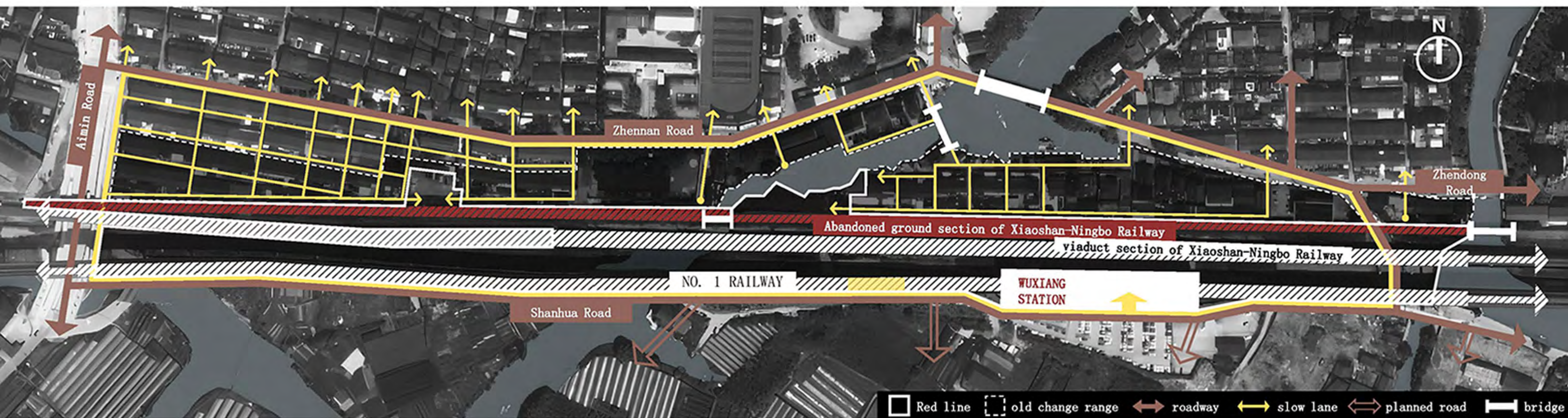
village road



railroad bridge



municipal bridge



SITE RESOURCE SUMMARY



1 The place in front of the door and behind the house



2 Threshing ground



3 River quay



4 Railway tie



5 Subgrade slope protection



6 Railway facilities



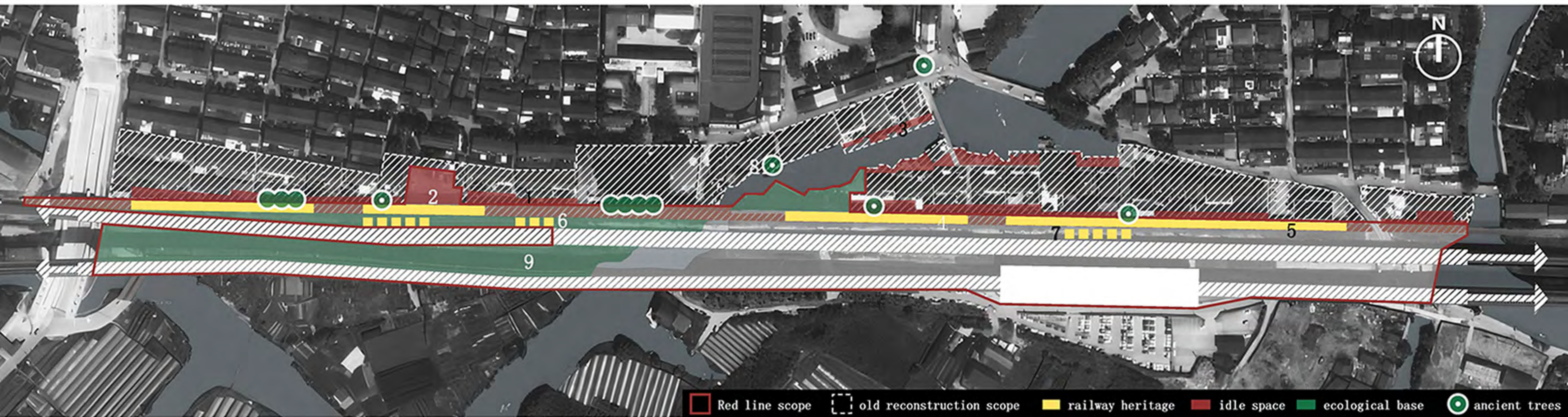
7 Abandoned carriages



8 Remaining ancient trees



9 Ecological base



DESIGN DERIVATION

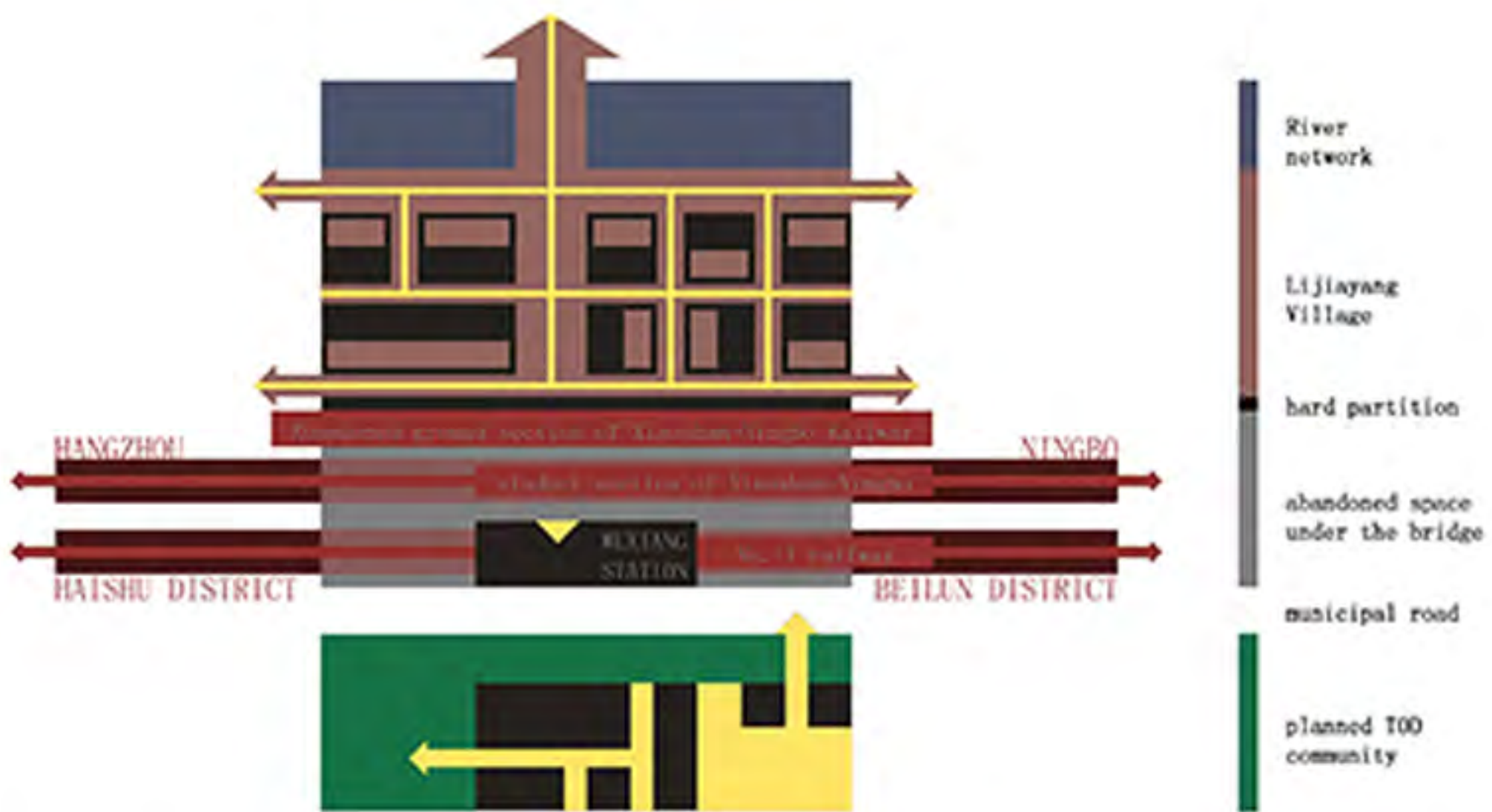
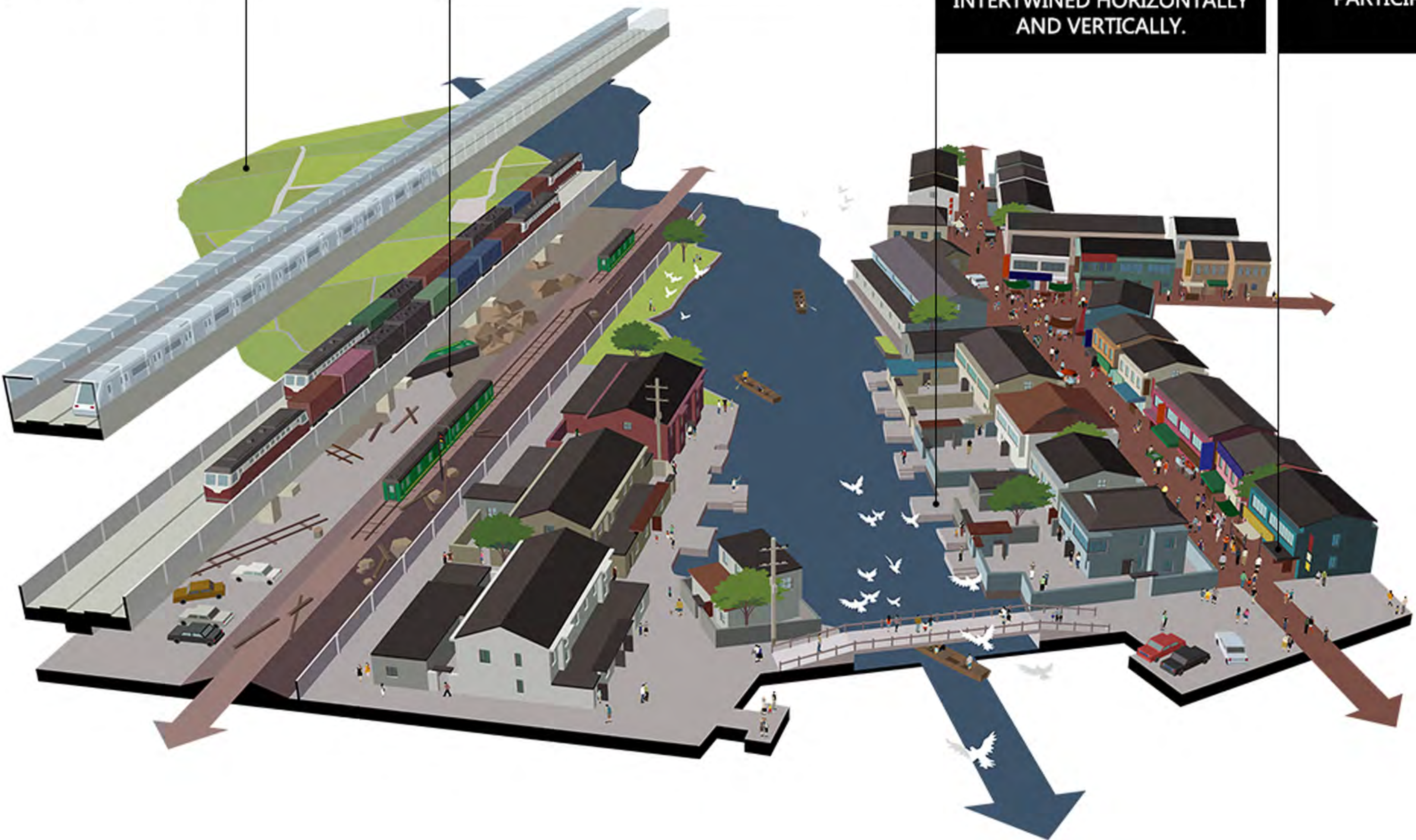
SITE PERCEPTION

1. THE BEAUTY OF IDYLIC AND WATERY COUNTRYSIDE SHOWS PLAIN LANDSCAPE WITH RECOGNITION.

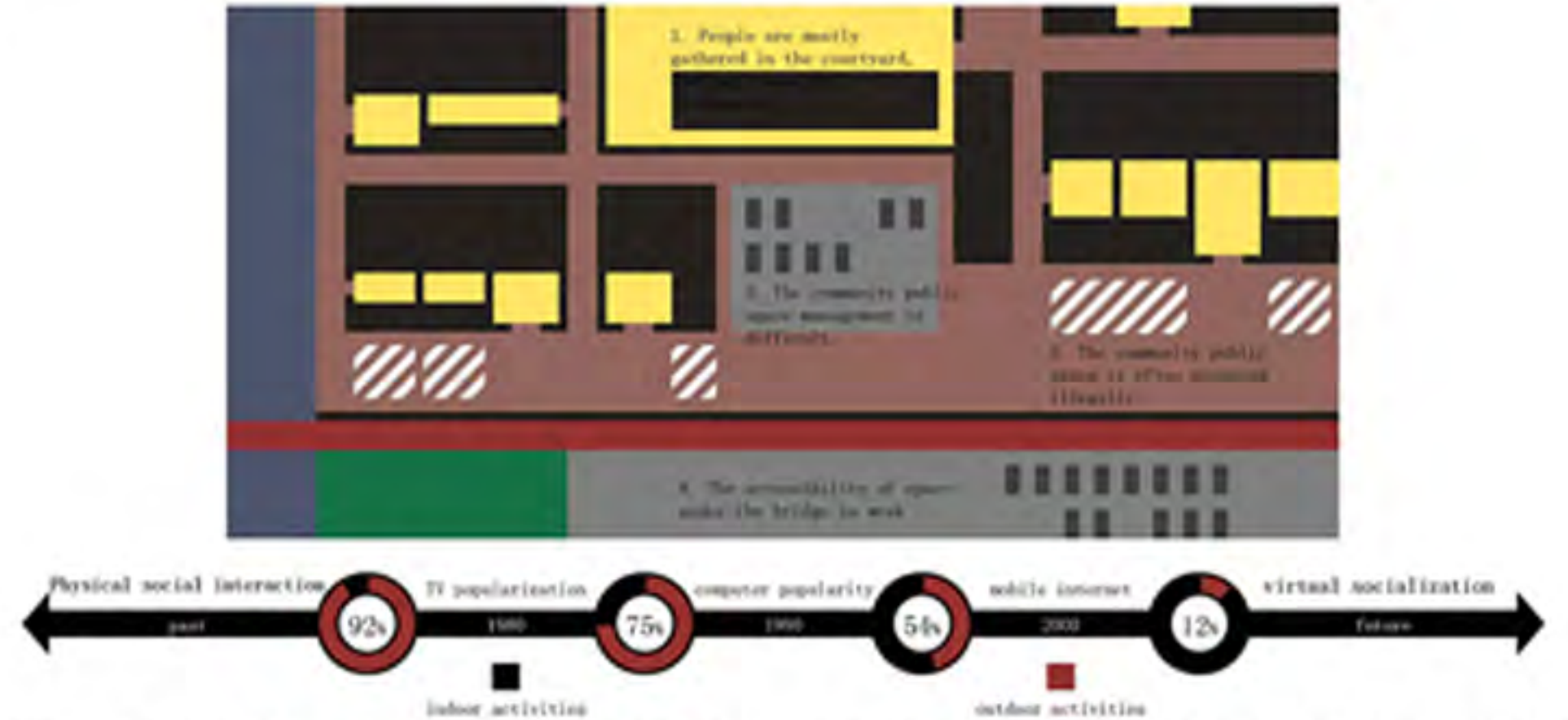
2. THE SHARP CONTRADICTION BETWEEN URBAN DEVELOPMENT AND RURAL RENEWAL INCLUDES FRAGMENTED SUBURBAN SPACE, EXTENSIVE DEVELOPMENT MODEL AND MISSING SITE MEMORY.

3. IT OWNS THE SPACE FORM OF LIVING NEARBY WATER, THE ARCHITECTURAL PATTERN THAT CAN SEE WATER WHEN GOING OUT, THE STREETS AND LANES INTERTWINED HORIZONTALLY AND VERTICALLY.

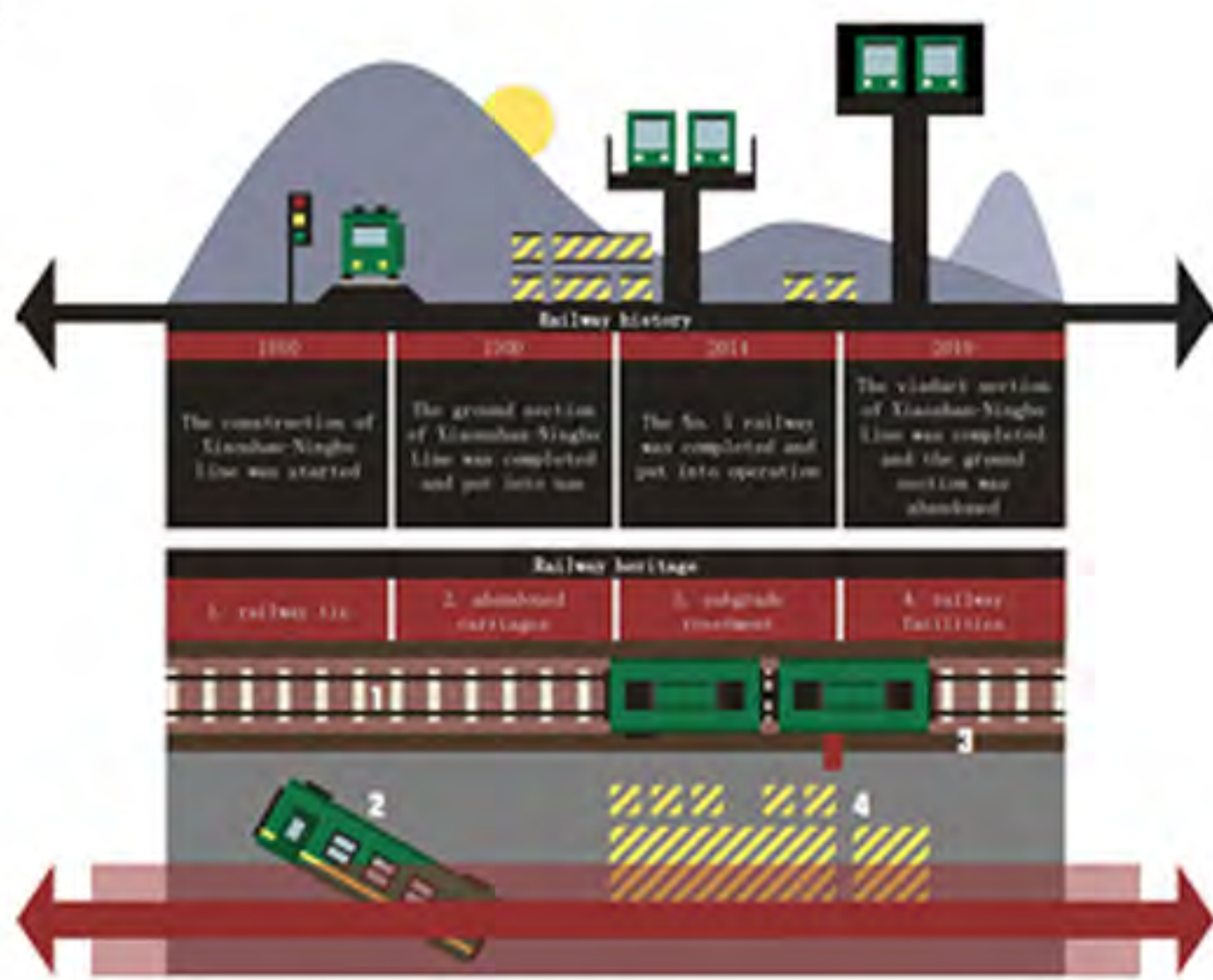
4. IT SHOWS THE VIVID LIFE OF TRADITIONAL VILLAGE, CAN PROVIDE THE SCENE EXPERIENCE OF WANDERING AROUND THE STREETS, FEEL THE GROUNDED LIVING ATMOSPHERE AND PARTICIPATE IN THE RICH FOLK ACTIVITIES.



REFLECTION 1: THE MACRO CONNECTION SHAPED BY URBAN DEVELOPMENT LEADS TO THE LACK OF CONNECTION IN MICRO SPACE.



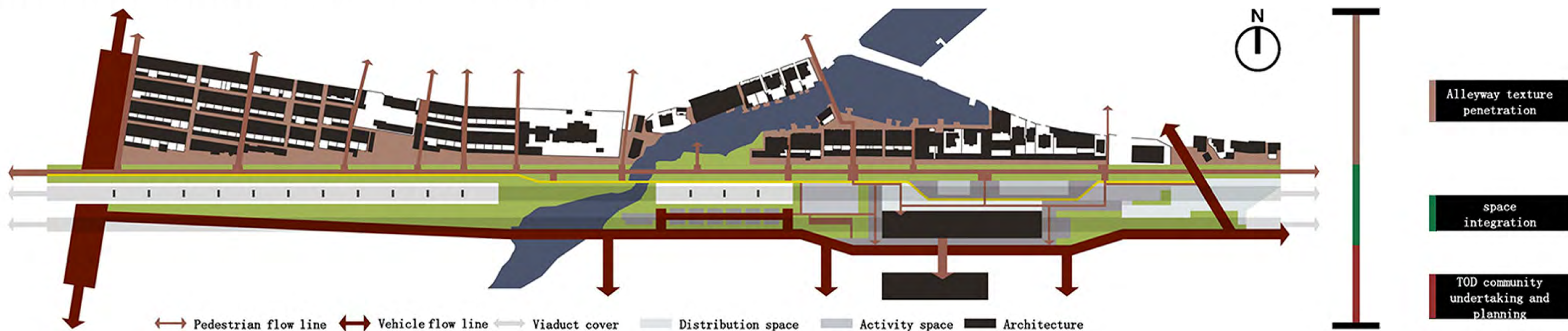
REFLECTION 2: THE PUBLIC SPACE LACKING AND THE TECHNOLOGICAL UPGRADING AGGRAVATE THE ALIENATION AND ESTRANGEMENT OF HUMAN RELATIONS.



REFLECTION 3: THE UNIQUE SITE HISTORY HAS NOT BEEN DEVELOPED EFFECTIVELY.

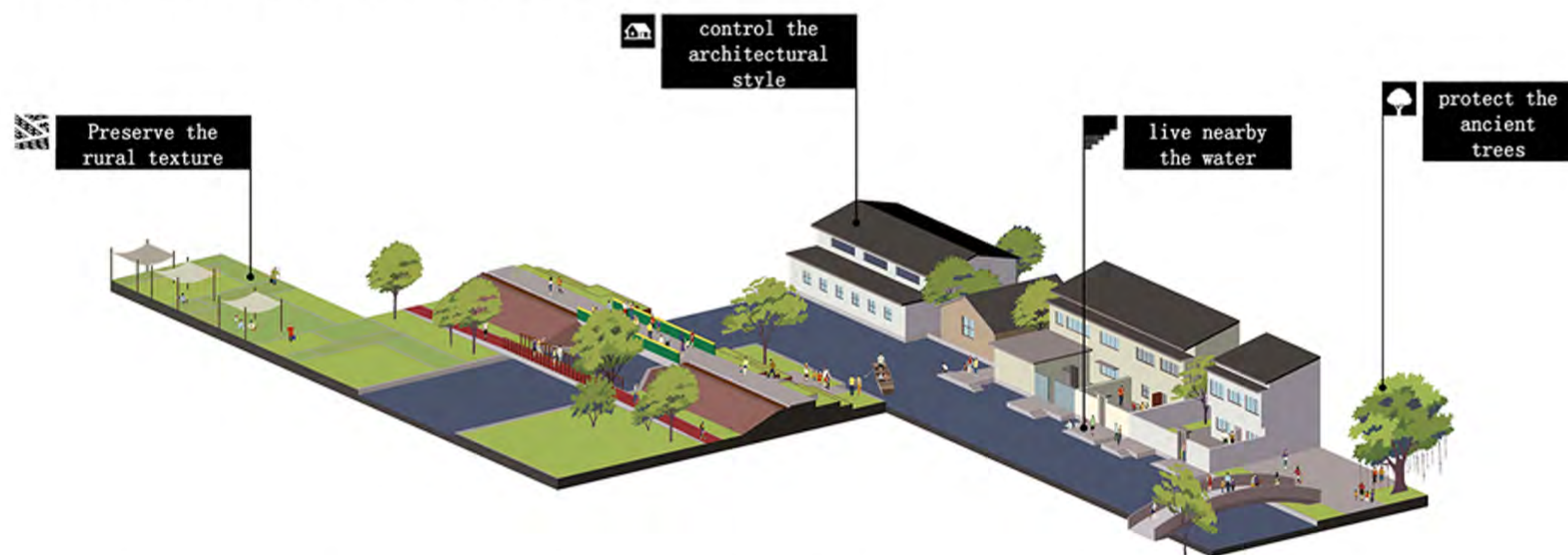
DEIGN STRATEGY

THE SPACE EFFICIENTLY ORGANIZED AND CONNECTED

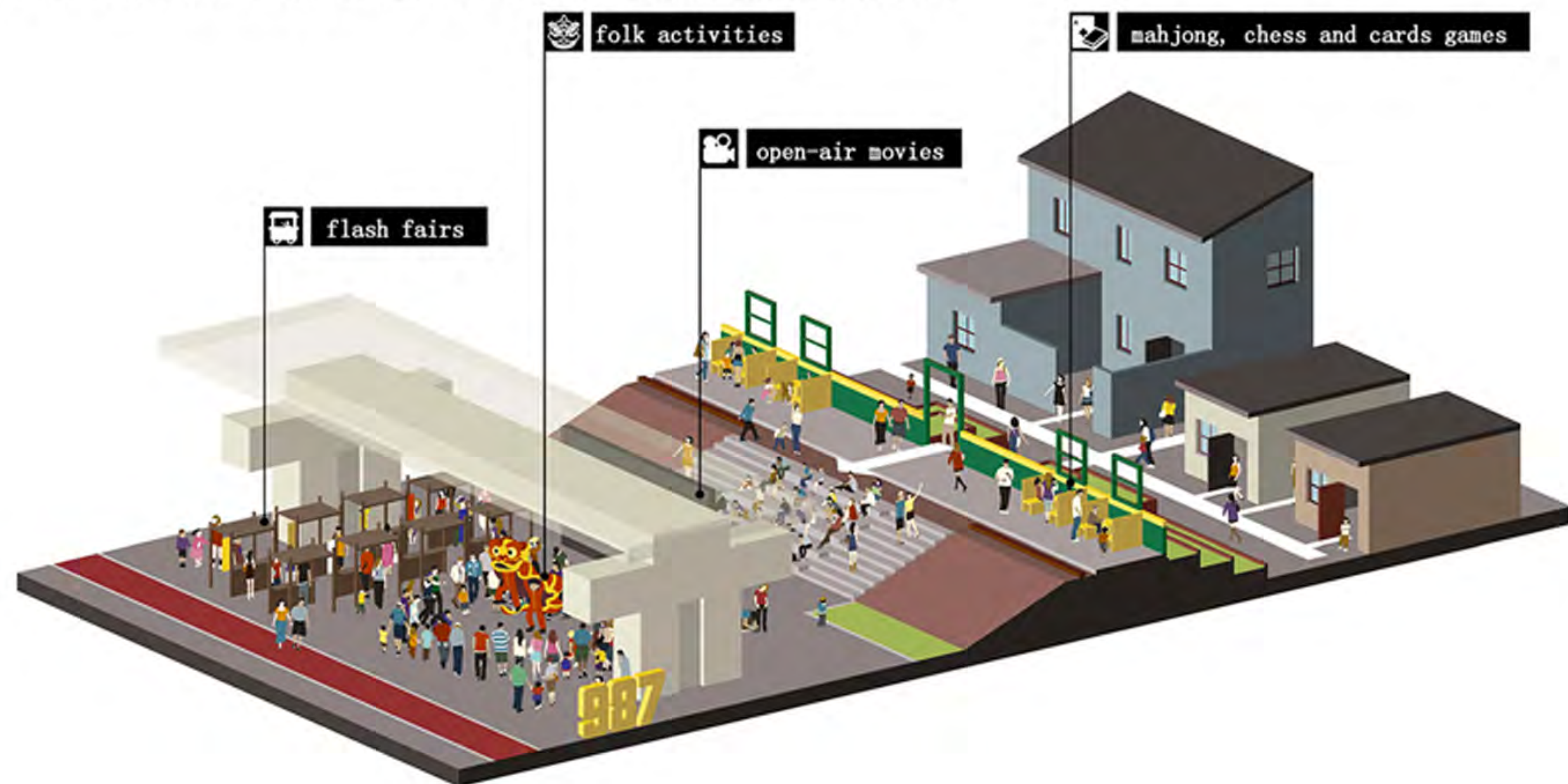


EMOTIONAL BOND

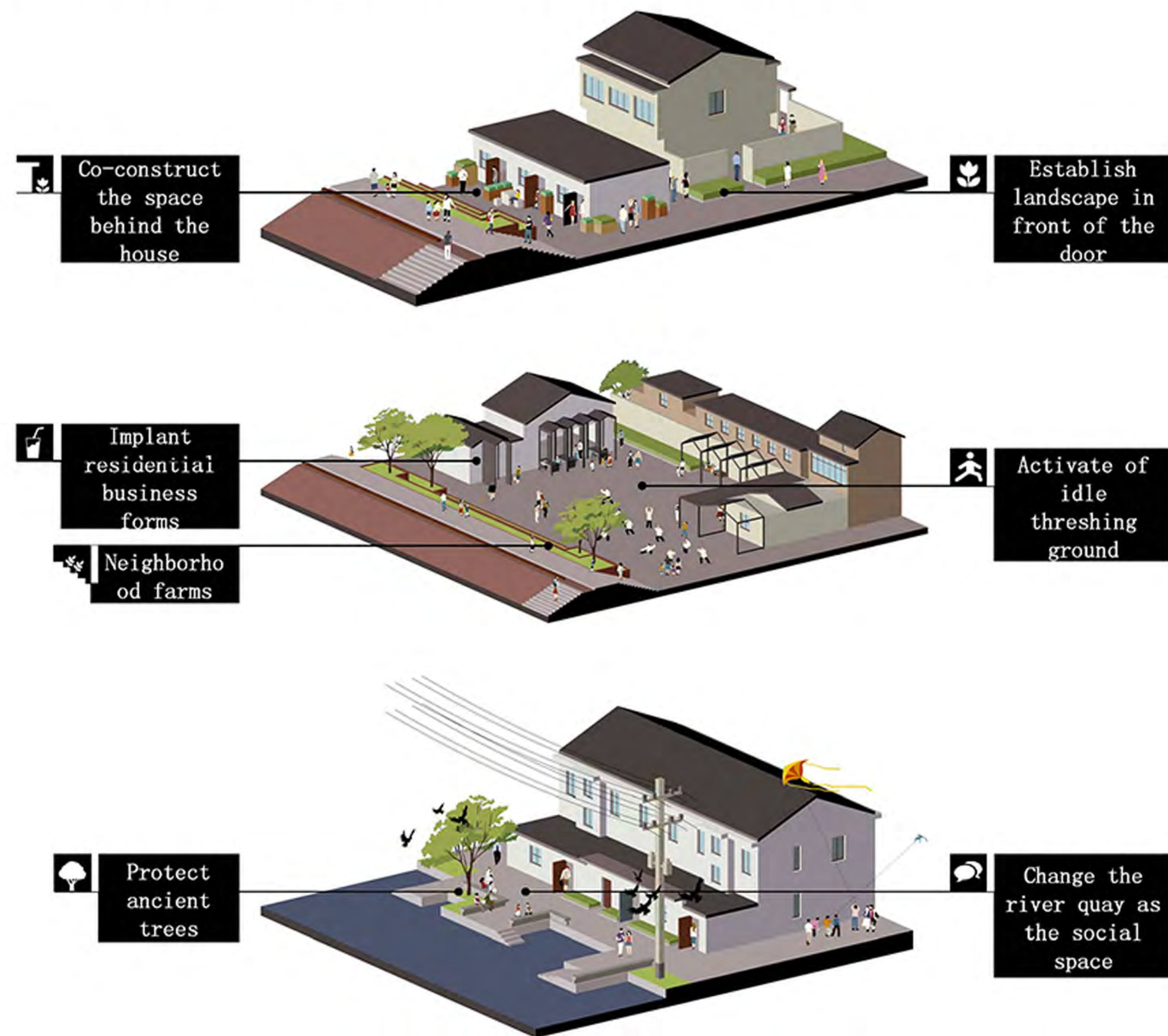
MAINTAIN THE ORIGINAL APPEARANCE



STRENGTHEN PHYSICAL SOCIAL INTERACTION

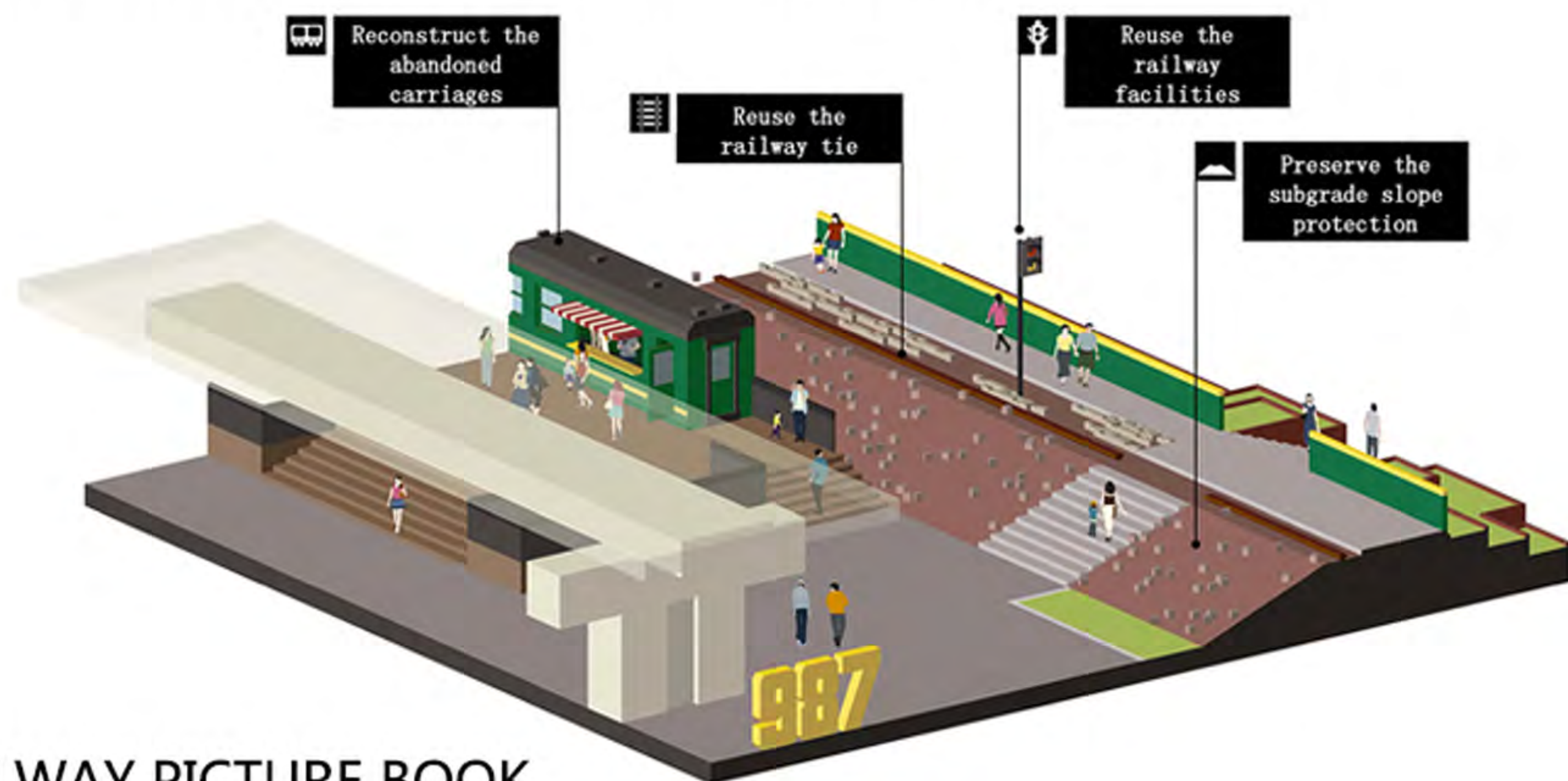


REVITALIZE THE IDLE SPACE OF THE COMMUNITY

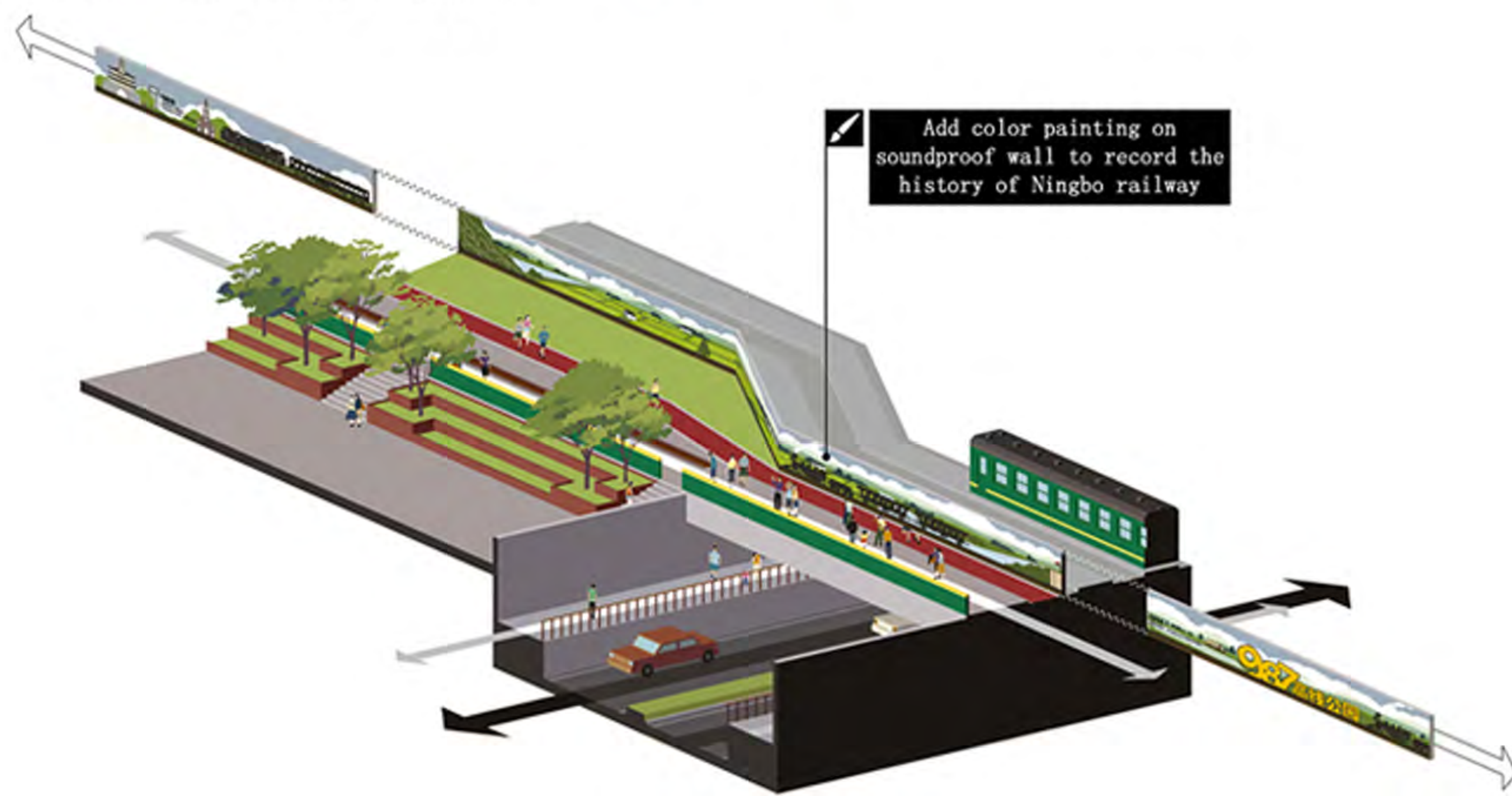


HISTORY BOND

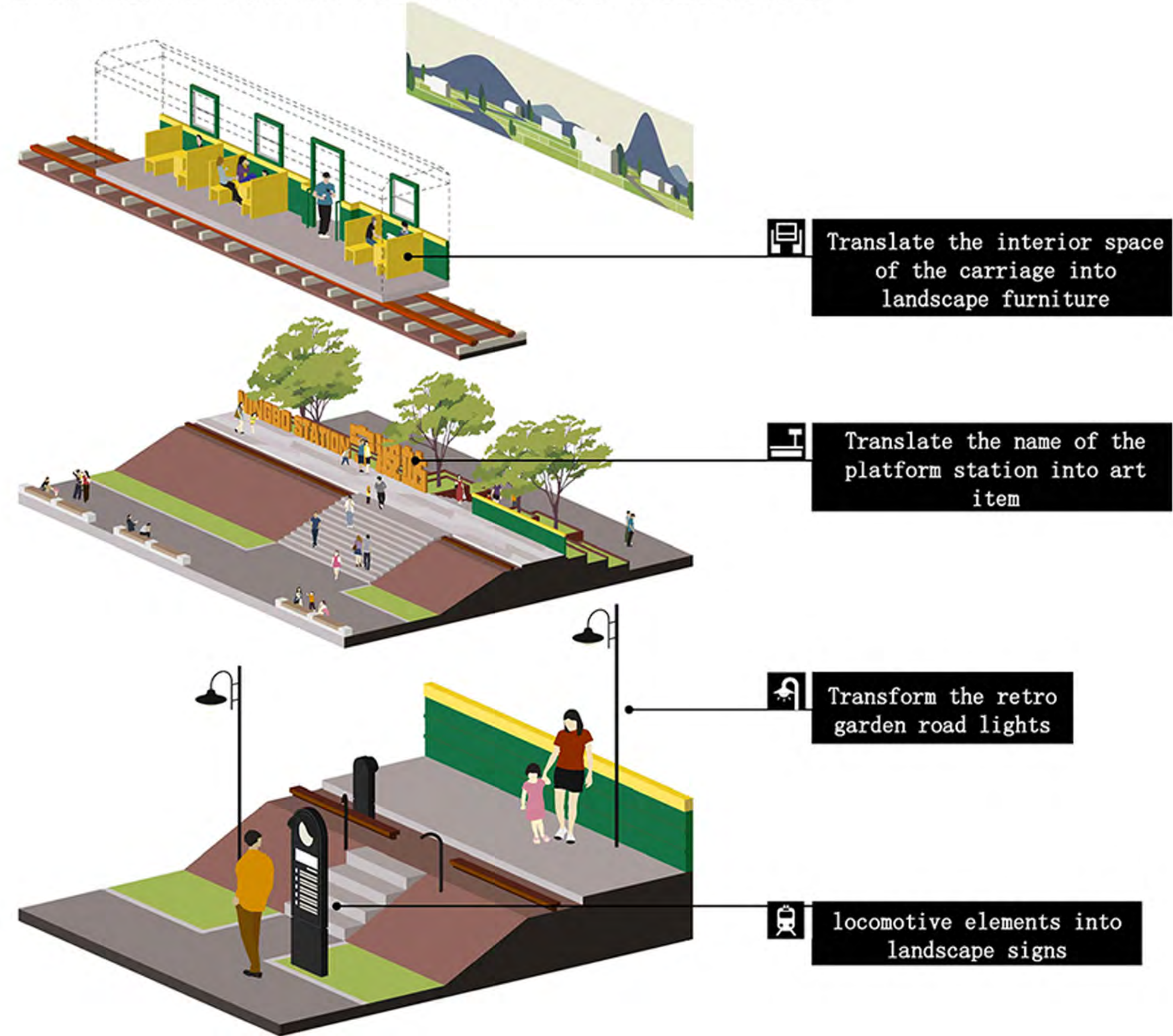
PRESERVE AND UTILIZE THE RAILWAY HERITAGE



RAILWAY PICTURE BOOK



LANDSCAPE TRANSLATION OF RAILWAY ELEMENTS



GENERAL LAYOUT



1 DISTRIBUTION PLAZA

2 SPORTS TRACK

3 ACTIVITY GROUND

4 BASKETBALL GROUND

5 TRAIN RESTAURANT

6 OPEN-AIR MOVIE

7 NEIGHBORHOOD FARM

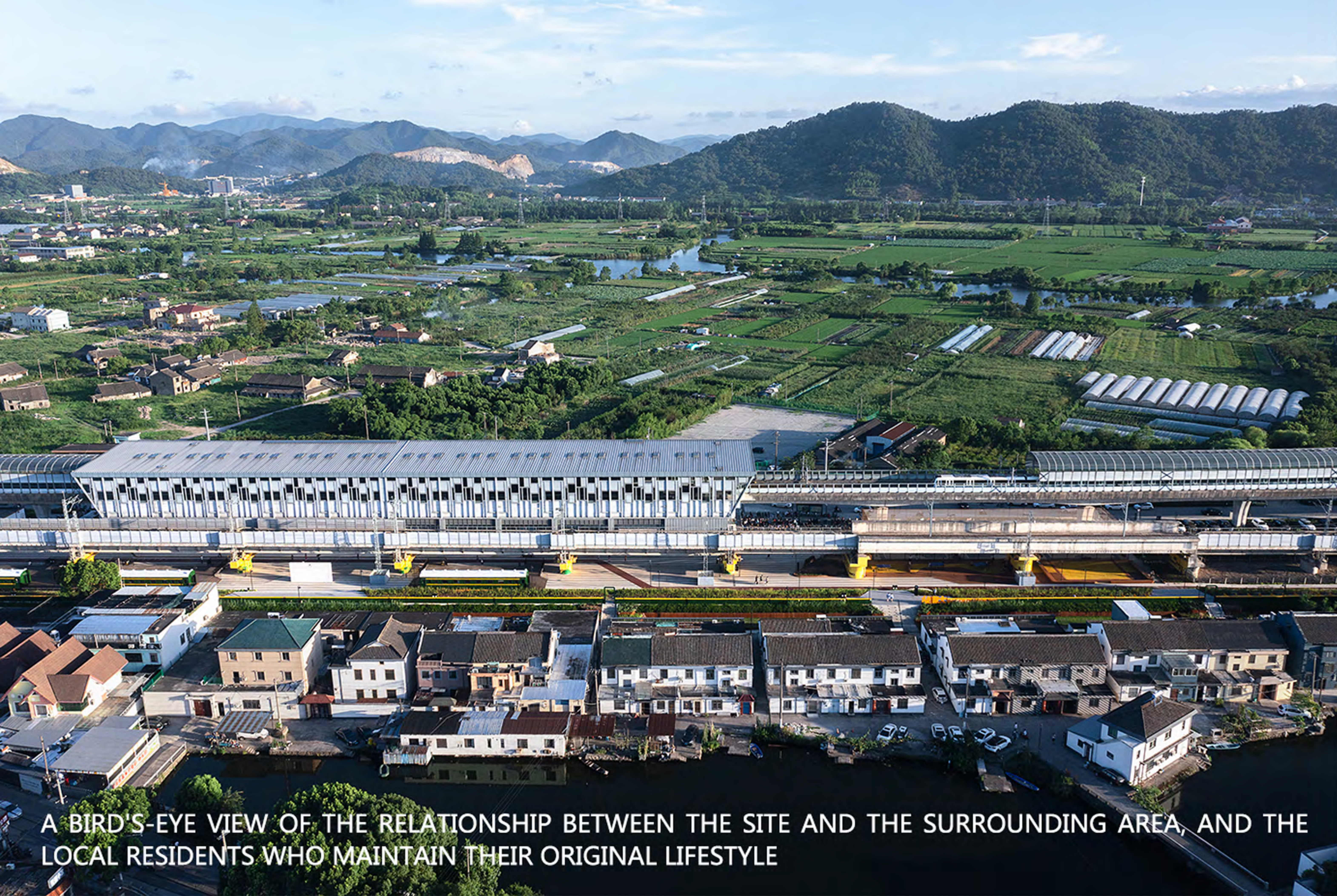
8 SUBWAY STATION

9 PLANNED OVERBRIDGE



A BIRD'S-EYE VIEW OF THE RELATIONSHIP BETWEEN THE PROJECT AND ITS SURROUNDING AREAS, WITH THE SUNSET OVER NINGBO CITY IN THE DISTANCE





A BIRD'S-EYE VIEW OF THE RELATIONSHIP BETWEEN THE SITE AND THE SURROUNDING AREA, AND THE LOCAL RESIDENTS WHO MAINTAIN THEIR ORIGINAL LIFESTYLE





THE ROARING SUBWAY LINE AND THE BEILUN BRANCH LINE CONNECT THE NEW PUBLIC VENUES TO MEET THE NEEDS OF ACTIVITIES OF ALL AGES





THE SPACE UNDER THE ELEVATED BRIDGE CONNECTS THE ALL-AGE LEISURE VENUES, DAILY SPORTS AND THE HOME NOT FAR AWAY.





THE WAY HOME ACROSS THE RAILROAD





THE SQUARE FOR ASSEMBLY AND MEETING ENDOWED WITH FUNCTIONS NATURALLY. IN QUIET EVENINGS, THE OPEN-AIR CINEMA IS UNDER THE STREET LAMP



WHEN THE WEATHER IS PLEASANT, THE RAILWAY SIDE CLINGING TO HOME BECOMES PART OF THE LIVING ROOM





DAILY WALKING TRAIL CLINGING TO THE ELEVATED RAILWAY

