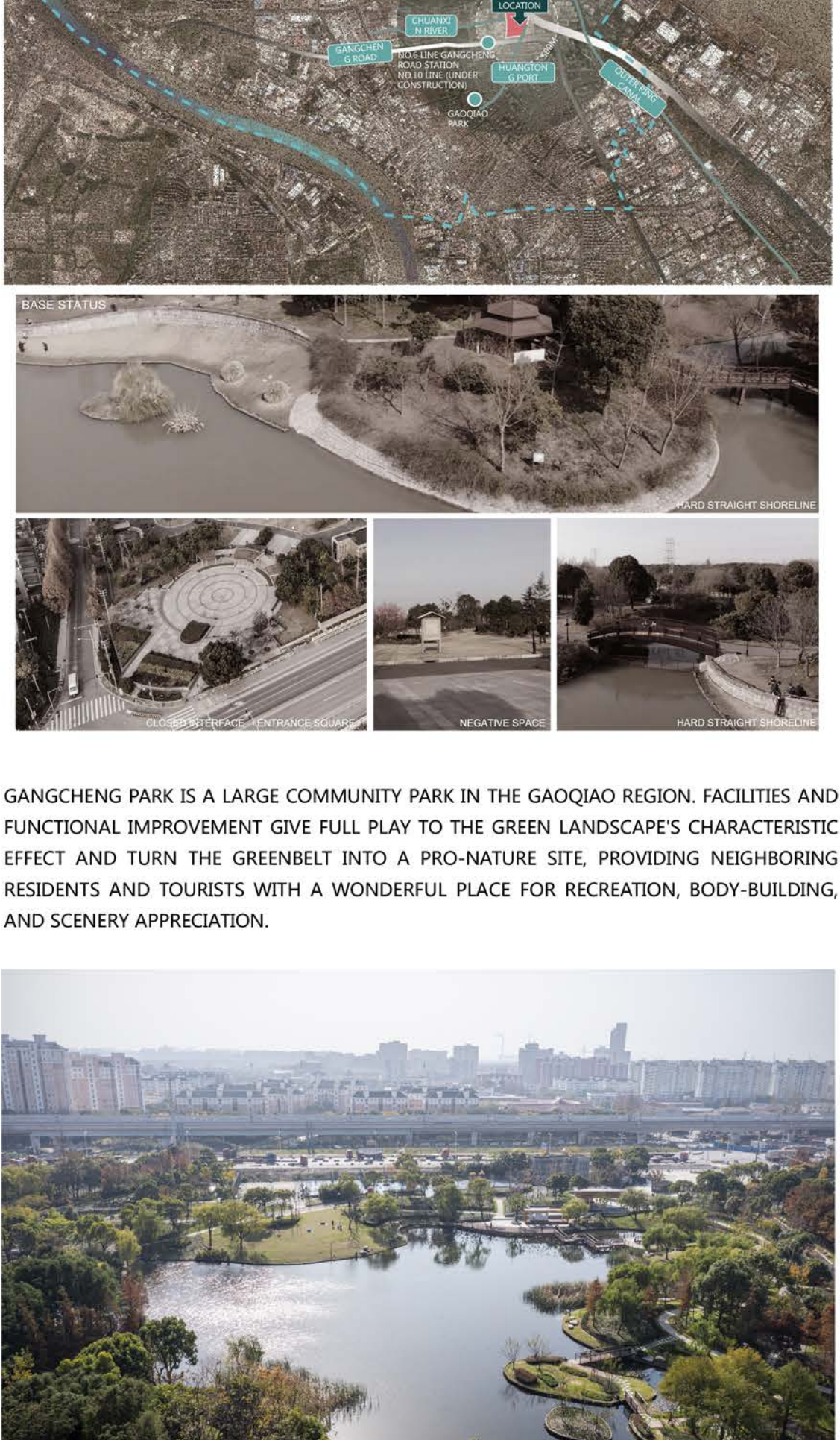
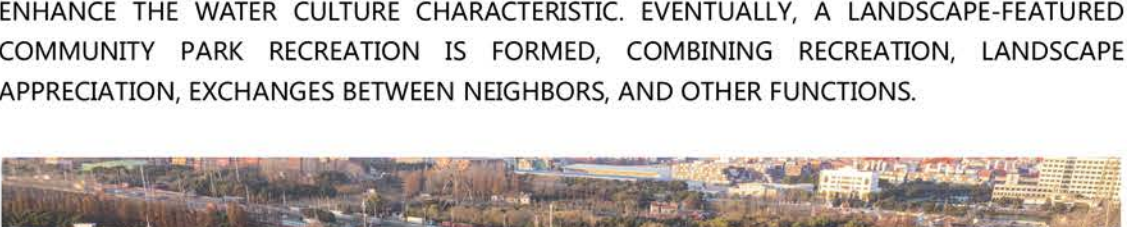


SHANGHAI GANGCHENG PARK RECONSTRUCTION

GANGCHENG PARK IS LOCATED IN GAOQIAO TOWN, NORTH OF THE PUDONG NEW AREA. IT BORDERS THE HUANGTONG PORT ENTERPRISE YARD IN THE EAST, ADJOINS THE GANGCHENG ROAD IN THE SOUTH, ADJACENT TO OUGAO ROAD IN THE WEST, AND REACHES THE S20 OUTER RING. THE PARK COVERS AN AREA OF 93,115.59 M², INCLUDING 18,073.45 M² OF WATER AREAS. IT'S A PUBLIC GREENBELT WITH ABUNDANT WATER RESOURCES. IN 2018, THIS GREENBELT'S ATTRIBUTE WAS PROMOTED INTO A COMMUNITY PARK. THE GREENBELT HASN'T UNDERGONE LARGE RENOVATIONS AND ADJUSTMENTS IN THE RECENT DECADE. THE ALTERED NATURE AND QUALITY OF ITS GREENBELT ATTRIBUTE NEED EFFECTIVE AND PERTINENT RENOVATION AND UPGRADING. IN ADDITION, GANGCHENG ROAD IN THE SOUTH OF THE PARK WAS EXPANDED, CONSIDERABLY INFLUENCING THE PARK'S ENTRANCE REGION AND THE FITNESS SERVICE ZONE.

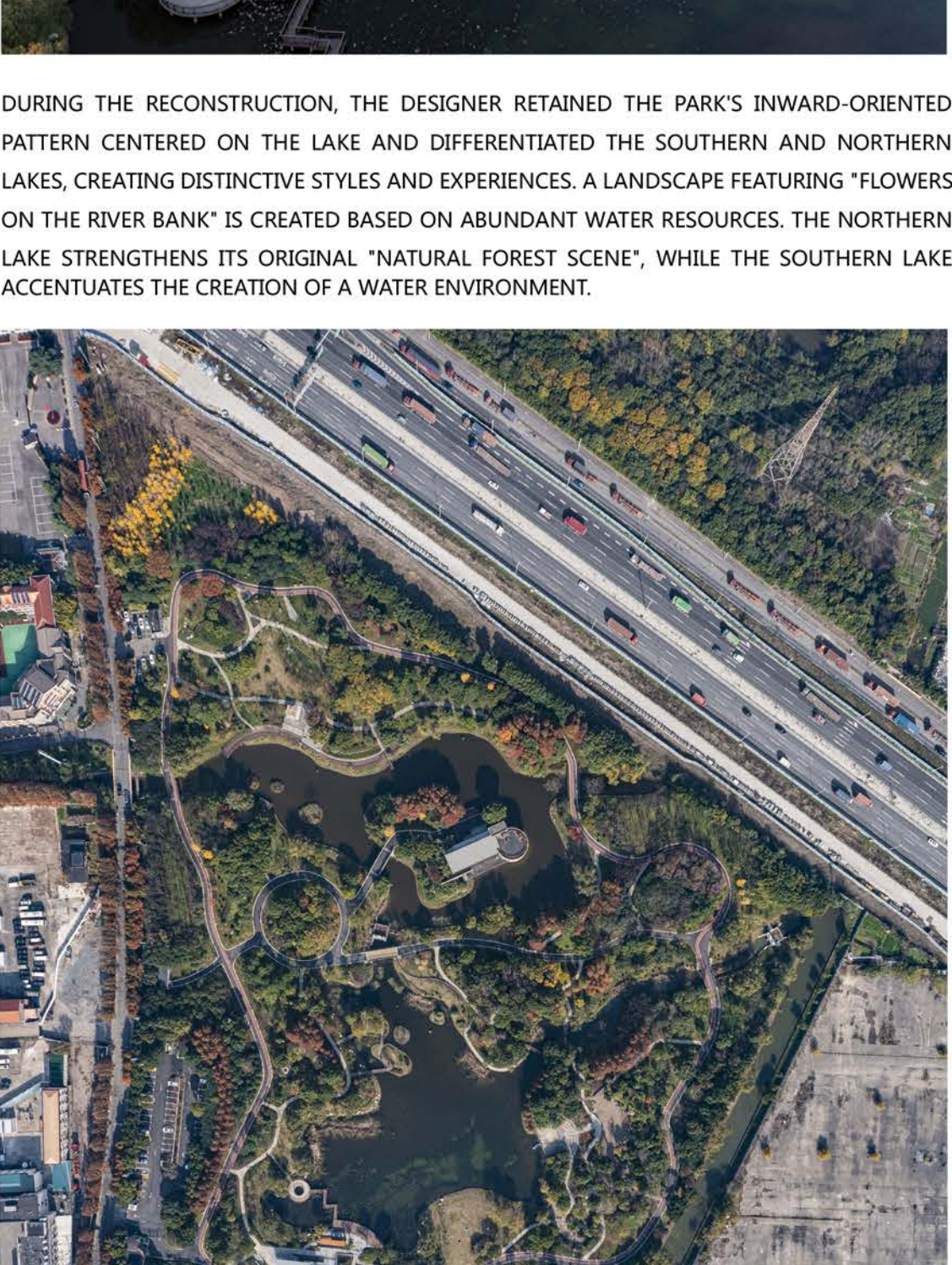


GANGCHENG PARK IS A LARGE COMMUNITY PARK IN THE GAOQIAO REGION. FACILITIES AND FUNCTIONAL IMPROVEMENT GIVE FULL PLAY TO THE GREEN LANDSCAPE'S CHARACTERISTIC EFFECT AND TURN THE GREENBELT INTO A PRO-NATURE SITE, PROVIDING NEIGHBORING RESIDENTS AND TOURISTS WITH A WONDERFUL PLACE FOR RECREATION, BODY-BUILDING, AND SCENERY APPRECIATION.

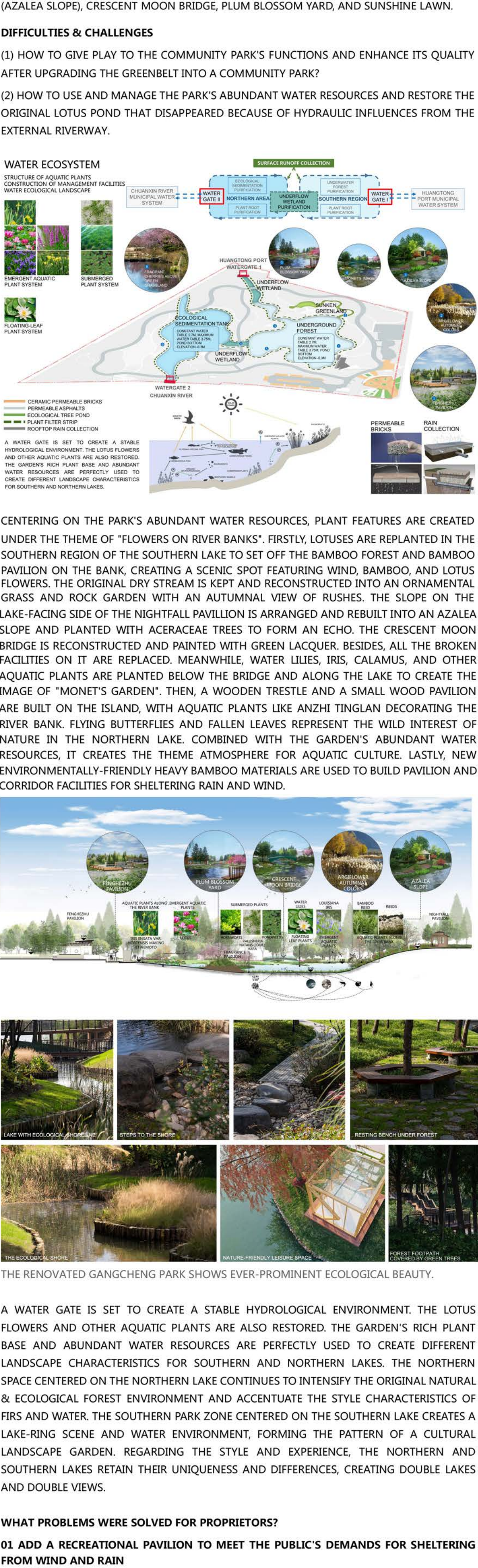


SOUTHERN LAKE

GANGCHENG PARK'S OVERALL LAYOUT IS TWO RINGS+ TWO LAKES+ NINE VIEWS. IT IS DESIGNED UNDER THE THEME OF "FLOWERS ON RIVER BANK" AND IS COMBINED WITH THE PARK'S ABUNDANT WATER RESOURCES, AQUATIC PLANTS, AND FEATURED LANDSCAPE TO ENHANCE THE WATER CULTURE CHARACTERISTIC. EVENTUALLY, A LANDSCAPE-FEATURED COMMUNITY PARK RECREATION IS FORMED, COMBINING RECREATION, LANDSCAPE APPRECIATION, EXCHANGES BETWEEN NEIGHBORS, AND OTHER FUNCTIONS.



DURING THE RECONSTRUCTION, THE DESIGNER RETAINED THE PARK'S INWARD-ORIENTED PATTERN CENTERED ON THE LAKE AND DIFFERENTIATED THE SOUTHERN AND NORTHERN LAKES, CREATING DISTINCTIVE STYLES AND EXPERIENCES. A LANDSCAPE FEATURING "FLOWERS ON THE RIVER BANK" IS CREATED BASED ON ABUNDANT WATER RESOURCES. THE NORTHERN LAKE STRENGTHENS ITS ORIGINAL "NATURAL FOREST SCENE", WHILE THE SOUTHERN LAKE ACCENTUATES THE CREATION OF A WATER ENVIRONMENT.



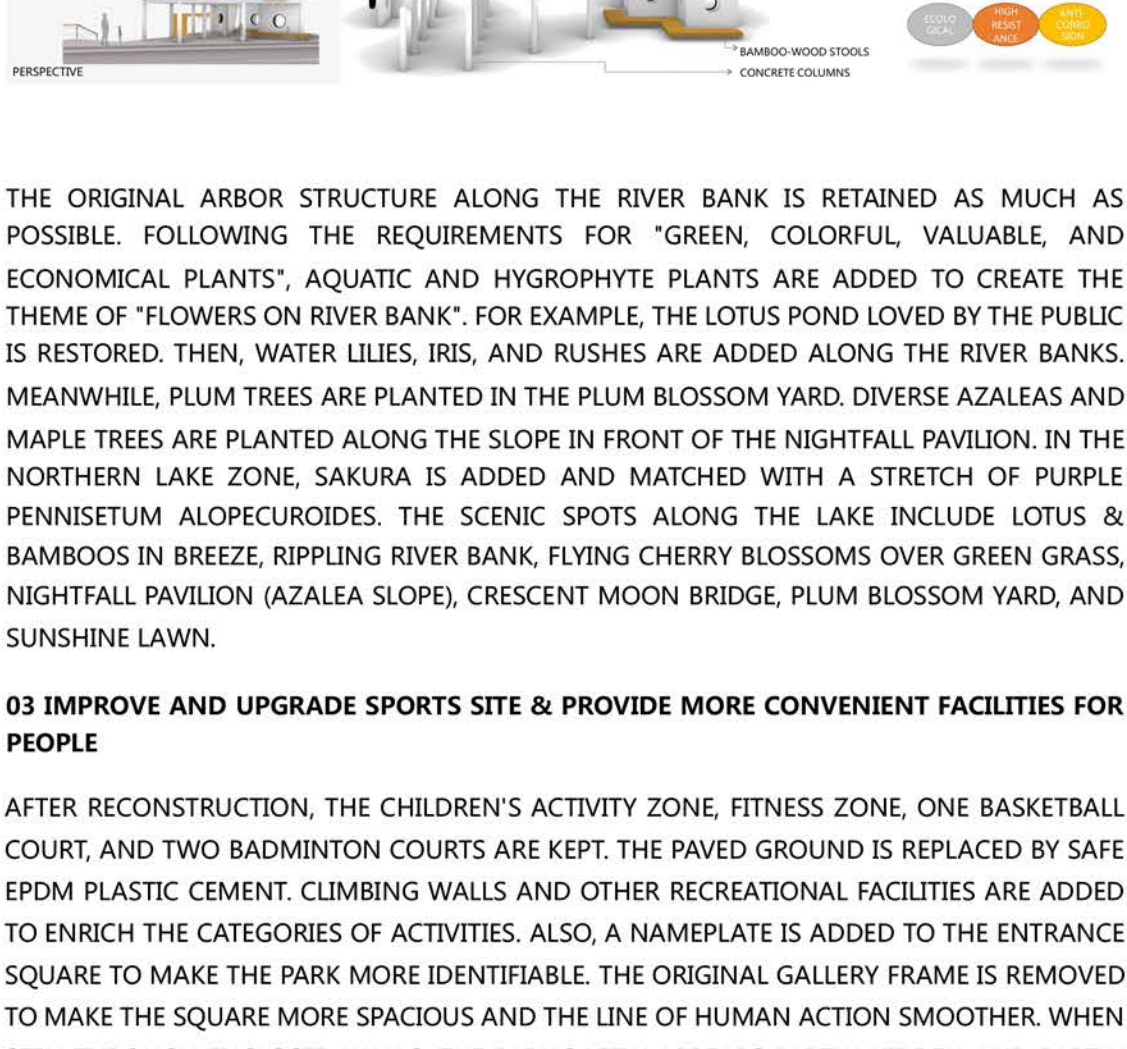
OVERALL BIRD'S-EYE VIEW

TOGETHER, A CULTURAL LANDSCAPE PARK APPEARS. MEANWHILE, THE PARK'S LAYOUT, SCENIC SPOTS, AND WALKING TRAILS ARE ADJUSTED AND IMPROVED TO CREATE A TRADITIONAL LANDSCAPE VIEW. THE PARK HAS SEVEN VIEWS, INCLUDING LOTUS & BAMBOOS IN BREEZE, RIPPLING RIVER BANK, FLYING CHERRY BLOSSOMS OVER GREEN GRASS, NIGHTFALL PAVILION (AZALEA SLOPE), CRESCENT MOON BRIDGE, PLUM BLOSSOM YARD, AND SUNSHINE LAWN.

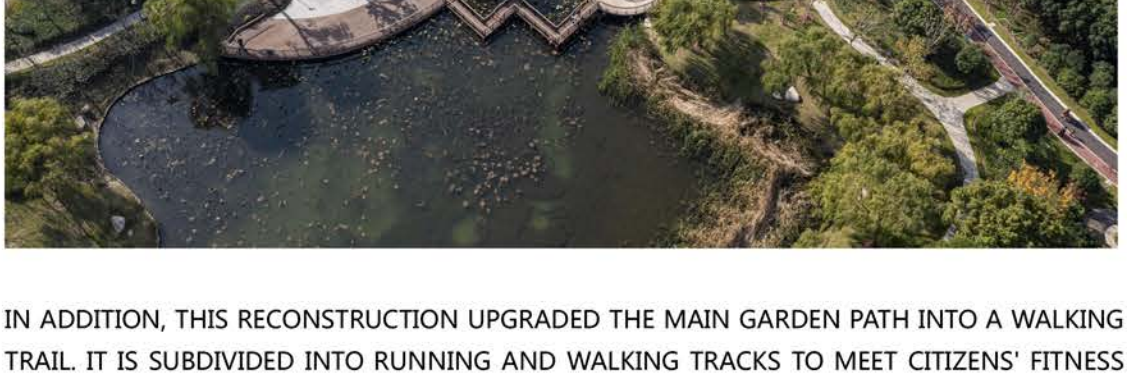
DIFFICULTIES & CHALLENGES

- (1) HOW TO GIVE PLAY TO THE COMMUNITY PARK'S FUNCTIONS AND ENHANCE ITS QUALITY AFTER UPGRADING THE GREENBELT INTO A COMMUNITY PARK?
- (2) HOW TO USE AND MANAGE THE PARK'S ABUNDANT WATER RESOURCES AND RESTORE THE ORIGINAL LOTUS POND THAT DISAPPEARED BECAUSE OF HYDRAULIC INFLUENCES FROM THE EXTERNAL RIVERWAY.

WATER ECOSYSTEM



CENTERING ON THE PARK'S ABUNDANT WATER RESOURCES, PLANT FEATURES ARE CREATED UNDER THE THEME OF "FLOWERS ON RIVER BANKS". FIRSTLY, LOTUSES ARE REPLANTED IN THE SOUTHERN REGION OF THE SOUTHERN LAKE TO SET OFF THE BAMBOO FOREST AND BAMBOO PAVILION ON THE BANK, CREATING A SCENIC SPOT FEATURING WIND, BAMBOO, AND LOTUS FLOWERS. THE ORIGINAL DRY STREAM IS KEPT AND RECONSTRUCTED INTO AN ORNAMENTAL GRASS AND ROCK GARDEN WITH AN AUTUMNAL VIEW OF RUSHES. THE SLOPE ON THE LAKE-FACING SIDE OF THE NIGHTFALL PAVILION IS ARRANGED AND REBUILT INTO AN AZALEA SLOPE AND PLANTED WITH ACERACEAE TREES TO FORM AN ECHO. THE CRESCENT MOON BRIDGE IS RECONSTRUCTED AND PAINTED WITH GREEN LACQUER. BESIDES, ALL THE BROKEN FACILITIES ON IT ARE REPLACED. MEANWHILE, WATER LILIES, IRIS, CALAMUS, AND OTHER AQUATIC PLANTS ARE PLANTED BELOW THE BRIDGE AND ALONG THE LAKE TO CREATE THE IMAGE OF "MONET'S GARDEN". THEN, A WOODEN TREELIKE AND A SMALL WOOD PAVILION ARE BUILT ON THE ISLAND, WITH AQUATIC PLANTS LIKE ANZHI AND TINGLIAN DECORATING THE RIVER BANK. FLYING BUTTERFLIES AND FALLEN LEAVES REPRESENT THE WILD INTEREST OF NATURE IN THE NORTHERN LAKE. COMBINED WITH THE GARDEN'S ABUNDANT WATER RESOURCES, IT CREATES THE THEME ATMOSPHERE FOR AQUATIC CULTURE. LASTLY, NEW ENVIRONMENTALLY-FRIENDLY HEAVY BAMBOO MATERIALS ARE USED TO BUILD PAVILION AND CORRIDOR FACILITIES FOR SHELTERING RAIN AND WIND.



THE RENOVATED GANGCHENG PARK SHOWS EVER-PROMINENT ECOLOGICAL BEAUTY.

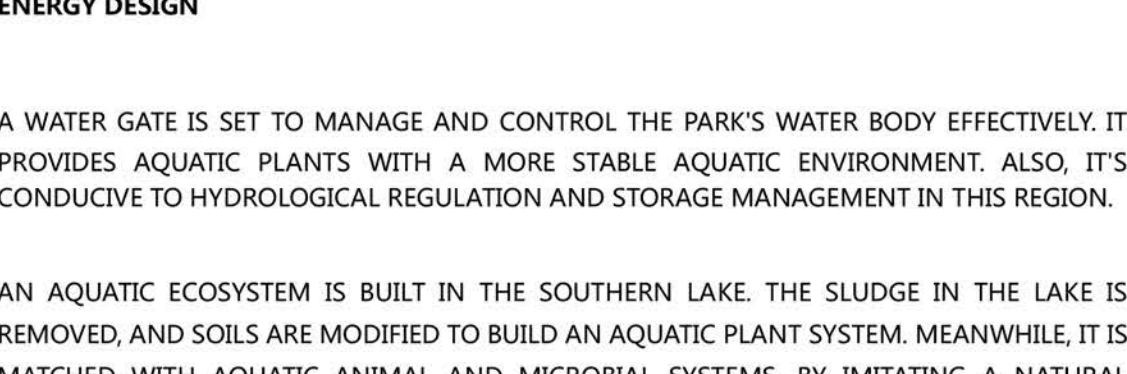
A WATER GATE IS SET TO CREATE A STABLE HYDROLOGICAL ENVIRONMENT. THE LOTUS FLOWERS AND OTHER AQUATIC PLANTS ARE ALSO RESTORED. THE GARDEN'S RICH PLANT BASE AND ABUNDANT WATER RESOURCES ARE PERFECTLY USED TO CREATE DIFFERENT LANDSCAPE CHARACTERISTICS FOR SOUTHERN AND NORTHERN LAKES. THE NORTHERN SPACE CENTERED ON THE NORTHERN LAKE CONTINUES TO INTENSIFY THE ORIGINAL NATURAL & ECOLOGICAL FOREST ENVIRONMENT AND ACCENTUATE THE STYLE CHARACTERISTICS OF FIRS AND WATER. THE SOUTHERN PARK ZONE CENTERED ON THE SOUTHERN LAKE CREATES A LAKE-RING SCENE AND WATER ENVIRONMENT, FORMING THE PATTERN OF A CULTURAL LANDSCAPE GARDEN. REGARDING THE STYLE AND EXPERIENCE, THE NORTHERN AND SOUTHERN LAKES RETAIN THEIR UNIQUENESS AND DIFFERENCES, CREATING DOUBLE LAKES AND DOUBLE VIEWS.

WHAT PROBLEMS WERE SOLVED FOR PROPRIETORS?

01 ADD A RECREATIONAL PAVILION TO MEET THE PUBLIC'S DEMANDS FOR SHELTERING FROM WIND AND RAIN

THE LACK OF FACILITIES FOR SHELTERING WIND AND RAIN RANKED TOP IN THE POLL TO MEET THE PUBLIC'S REQUIREMENTS, THIS RECONSTRUCTION ADDED FOUR SCENERY PAVILIONS. THESE PAVILIONS RETAIN THE PARK'S ORIGINAL ARCHITECTURAL LANDSCAPE AND ARE BUILT WITH A NEW MATERIAL KNOWN AS ENGINEERING BAMBOO.

02 CREATE WATER LANDSCAPE THEMED WITH FLOWERS ON RIVER BANK BASED ON ABUNDANT WATER RESOURCES



THE ORIGINAL ARBOR STRUCTURE ALONG THE RIVER BANK IS RETAINED AS MUCH AS POSSIBLE. FOLLOWING THE REQUIREMENTS FOR "GREEN, COLORFUL, VALUABLE, AND ECONOMICAL PLANTS", AQUATIC AND HYGROPHYTE PLANTS ARE ADDED TO CREATE THE THEME OF "FLOWERS ON RIVER BANK". FOR EXAMPLE, THE LOTUS POND LOVED BY THE PUBLIC IS RESTORED. THEN, WATER LILIES, IRIS, AND RUSHES ARE ADDED ALONG THE RIVER BANKS. MEANWHILE, PLUM TREES ARE PLANTED IN THE PLUM BLOSSOM YARD. DIVERSE AZALEAS AND MAPLE TREES ARE PLANTED ALONG THE SLOPE IN FRONT OF THE NIGHTFALL PAVILION. IN THE NORTHERN LAKE ZONE, SAKURA IS ADDED AND MATCHED WITH A STRETCH OF PURPLE PENNISTETUM ALOPECUROIDES. THE SCENIC SPOTS ALONG THE LAKE INCLUDE LOTUS & BAMBOOS IN BREEZE, RIPPLING RIVER BANK, FLYING CHERRY BLOSSOMS OVER GREEN GRASS, NIGHTFALL PAVILION (AZALEA SLOPE), CRESCENT MOON BRIDGE, PLUM BLOSSOM YARD, AND SUNSHINE LAWN.

03 IMPROVE AND UPGRADE SPORTS SITE & PROVIDE MORE CONVENIENT FACILITIES FOR PEOPLE

AFTER RECONSTRUCTION, THE CHILDREN'S ACTIVITY ZONE, FITNESS ZONE, ONE BASKETBALL COURT, AND TWO BADMINTON COURTS ARE KEPT. THE PAVED GROUND IS REPLACED BY SAFE EPDM PLASTIC CEMENT. CLIMBING WALLS AND OTHER RECREATIONAL FACILITIES ARE ADDED TO ENRICH THE CATEGORIES OF ACTIVITIES. ALSO, A NAMEPLATE IS ADDED TO THE ENTRANCE SQUARE TO MAKE THE PARK MORE IDENTIFIABLE. THE ORIGINAL GALLERY FRAME IS REMOVED TO MAKE THE SQUARE MORE SPACIOUS AND THE LINE OF HUMAN ACTION SMOOTHER. WHEN SEEN THROUGH ENCLOSED WALLS, THE PARK'S VIEW APPEARS PARTLY HIDDEN AND PARTLY VISIBLE, INVITING PEOPLE TO GO INSIDE.

IN ADDITION, THIS RECONSTRUCTION UPGRADED THE MAIN GARDEN PATH INTO A WALKING TRAIL. IT IS SUBDIVIDED INTO RUNNING AND WALKING TRACKS TO MEET CITIZENS' FITNESS NEEDS AND GARDEN TOURS. THE NEWLY ADDED SURVEILLANCE SYSTEM, SEWAGE SYSTEM, WI-FI, AND BROADCASTING ARE ADDED. ALSO, LIGHTS, DUSTBINS, AND OTHER FACILITIES IN THE PARK ARE REPLACED TO BETTER SERVE THE PUBLIC ON THE HARDWARE DIMENSION.

THE WATER ECOSYSTEM WAS ESTABLISHED TO IMPROVE THE WATER QUALITY. TO ENHANCE THE LAKE WATER'S LANDSCAPE EFFECT, AN ECOLOGICAL SYSTEM STRUCTURE WAS BUILT BASED ON IMITATING NATURE. THEN THE WATER ENVIRONMENT IS ARTIFICIALLY BUILT INTO AN INTEGRATED SYSTEM HAVING THE SAME FUNCTION AND FEATURING BALANCE, STABILITY, AND UNITY BETWEEN ORGANISMS AND THE ENVIRONMENT.

ENERGY CONSERVATION AND ENVIRONMENTAL PROTECTION/ GREENING AND GREEN ENERGY DESIGN

A WATER GATE IS SET TO MANAGE AND CONTROL THE PARK'S WATER BODY EFFECTIVELY. IT PROVIDES AQUATIC PLANTS WITH A MORE STABLE AQUATIC ENVIRONMENT. ALSO, IT'S CONDUCTIVE TO HYDROLOGICAL REGULATION AND STORAGE MANAGEMENT IN THIS REGION.

AN AQUATIC ECOSYSTEM IS BUILT IN THE SOUTHERN LAKE. THE SLUDGE IN THE LAKE IS REMOVED, AND SOILS ARE MODIFIED TO BUILD AN AQUATIC PLANT SYSTEM. MEANWHILE, IT IS MATCHED WITH AQUATIC ANIMAL AND MICROBIAL SYSTEMS. BY IMITATING A NATURAL ECOSYSTEM STRUCTURE, THE WATER ENVIRONMENT IS ARTIFICIALLY BUILT INTO AN INTEGRATED SYSTEM HAVING THE SAME FUNCTION AND FEATURING BALANCE, STABILITY, AND UTILITY BETWEEN ORGANISMS AND THE ENVIRONMENT. USING AND IMITATING THE WATER BODY'S SELF-PURIFICATION MECHANISM IN NATURE, THE INPUT AND OUTPUT OF

NUTRIENTS IN THE WATER BODY ARE CONTROLLED TO RESTORE AND REBUILD THE ECOSYSTEM, AS WELL AS IMPROVE THE WATER BODY'S IMMUNITY AND SELF-PURIFICATION COMPETENCE.

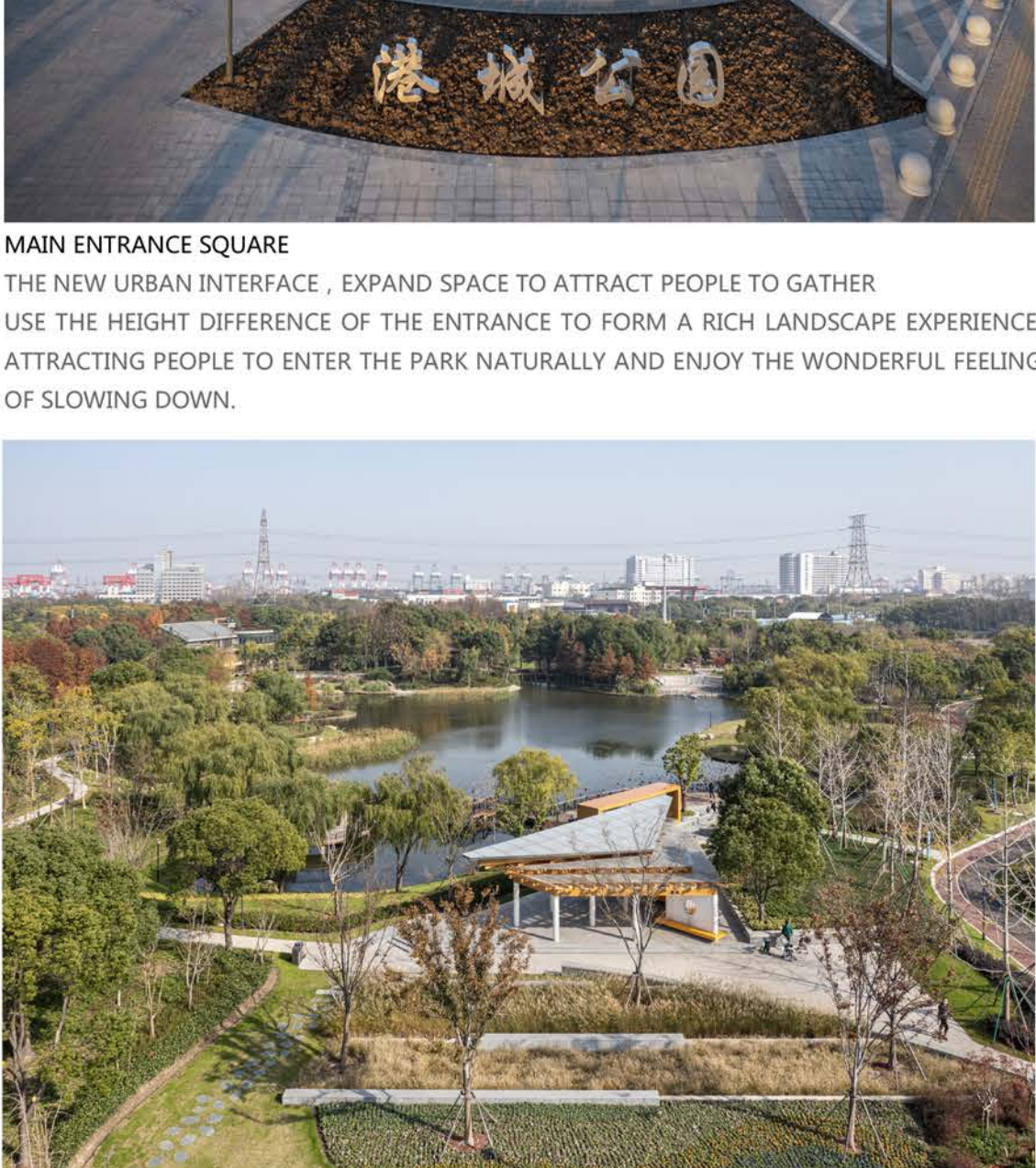
A BALANCED AQUATIC ECOLOGICAL ENVIRONMENT IS BUILT TO IMPROVE THE WATER QUALITY AND ENHANCE THE LAKE'S WATER LANDSCAPE EFFECT. BY IMITATING THE STRUCTURE OF A NATURAL ECOSYSTEM, THE WATER ENVIRONMENT IS ARTIFICIALLY BUILT INTO AN INTEGRATED SYSTEM WITH THE SAME FUNCTION. IT FEATURES BALANCE, STABILITY, AND UNITY BETWEEN ORGANISMS AND THE ENVIRONMENT.

AS A LARGE COMMUNITY GARDEN IN GAOQIAO DISTRICT, GANGCHENG PARK OBSERVES THE IMPORTANT CONCEPT THAT "THE PEOPLE'S CITY IS BUILT BY THE PEOPLE AND FOR THE PEOPLE".TO MEET THE DEMANDS OF CITIZENS IN GAOQIAO, THE PARK'S RECREATION FUNCTIONS ARE INTENSIFIED.

CURRENT USE AND CONDITIONS OF THE PROJECT

THE LOTUS POND HAS BEEN RESTORED, ATTRACTING MANY PHOTOGRAPHY FANS WHO TAKE PHOTOS AND PUBLISH THEM ON TIK TOK AND VIDEO ACCOUNTS. NEW SCENIC SPOTS ARE LOVED BY THE PUBLIC, WHO COME FOR VISITS AND TAKE PICTURES FOR MEMORY.

THE WATER IS CRYSTAL CLEAR AND PRAISED BY PROPRIETORS.

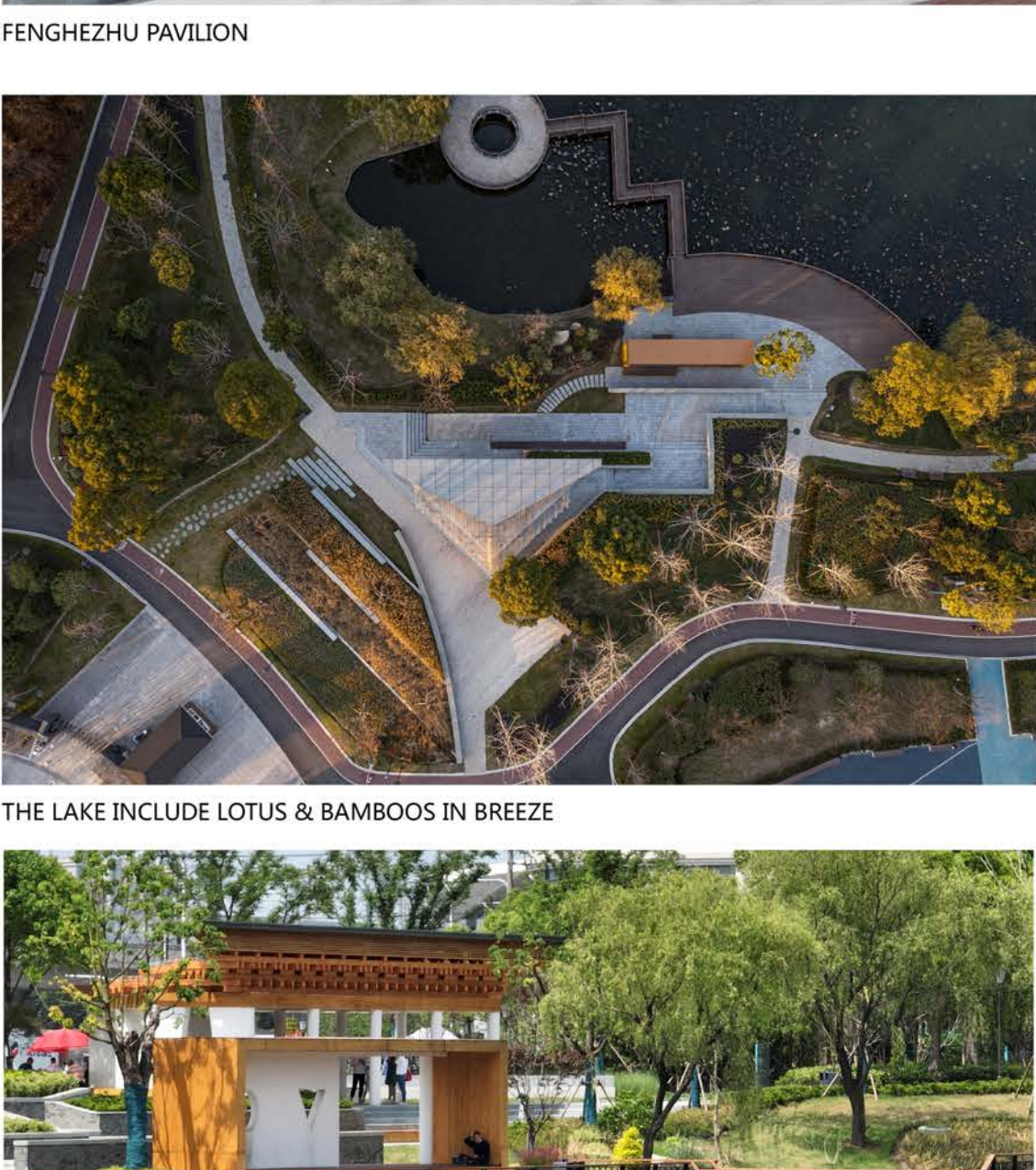


MAIN ENTRANCE SQUARE

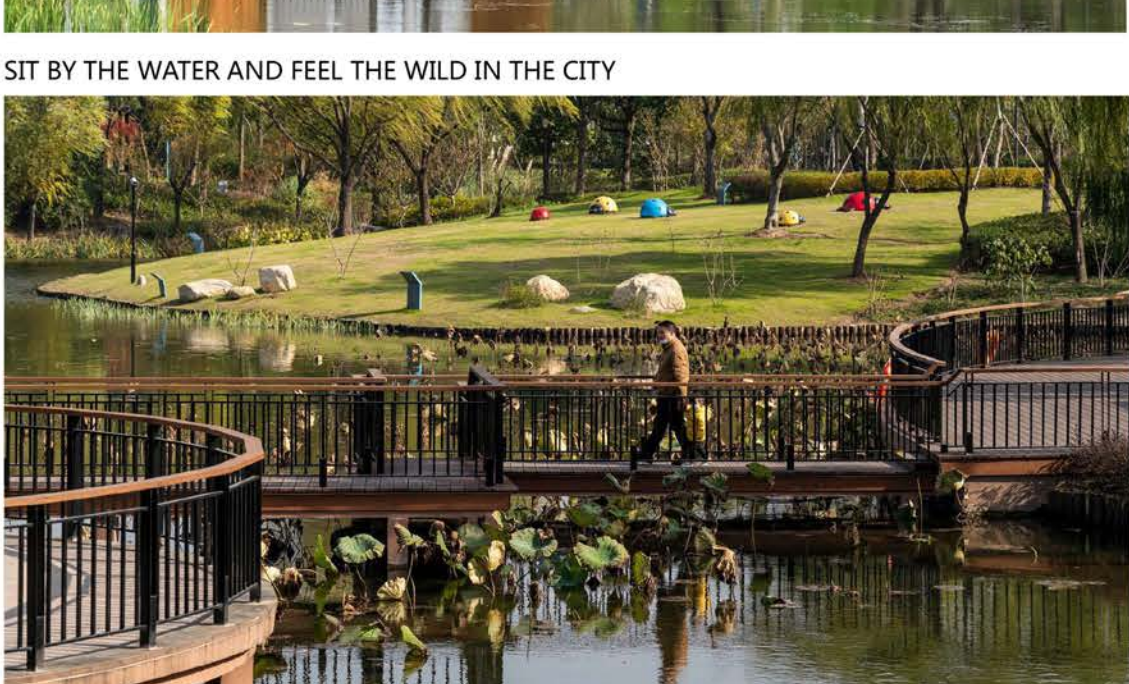
THE NEW URBAN INTERFACE , EXPAND SPACE TO ATTRACT PEOPLE TO GATHER
USE THE HEIGHT DIFFERENCE OF THE ENTRANCE TO FORM A RICH LANDSCAPE EXPERIENCE, ATTRACTING PEOPLE TO ENTER THE PARK NATURALLY AND ENJOY THE WONDERFUL FEELING OF SLOWING DOWN.



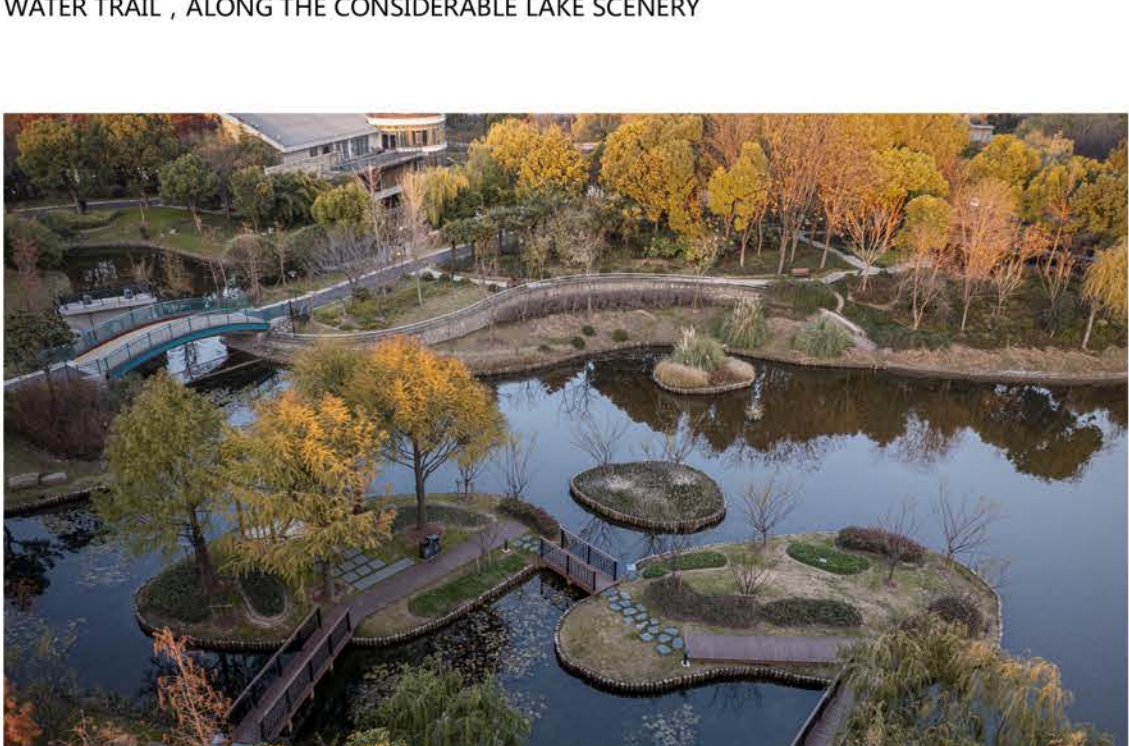
FENGHEZHU PAVILION



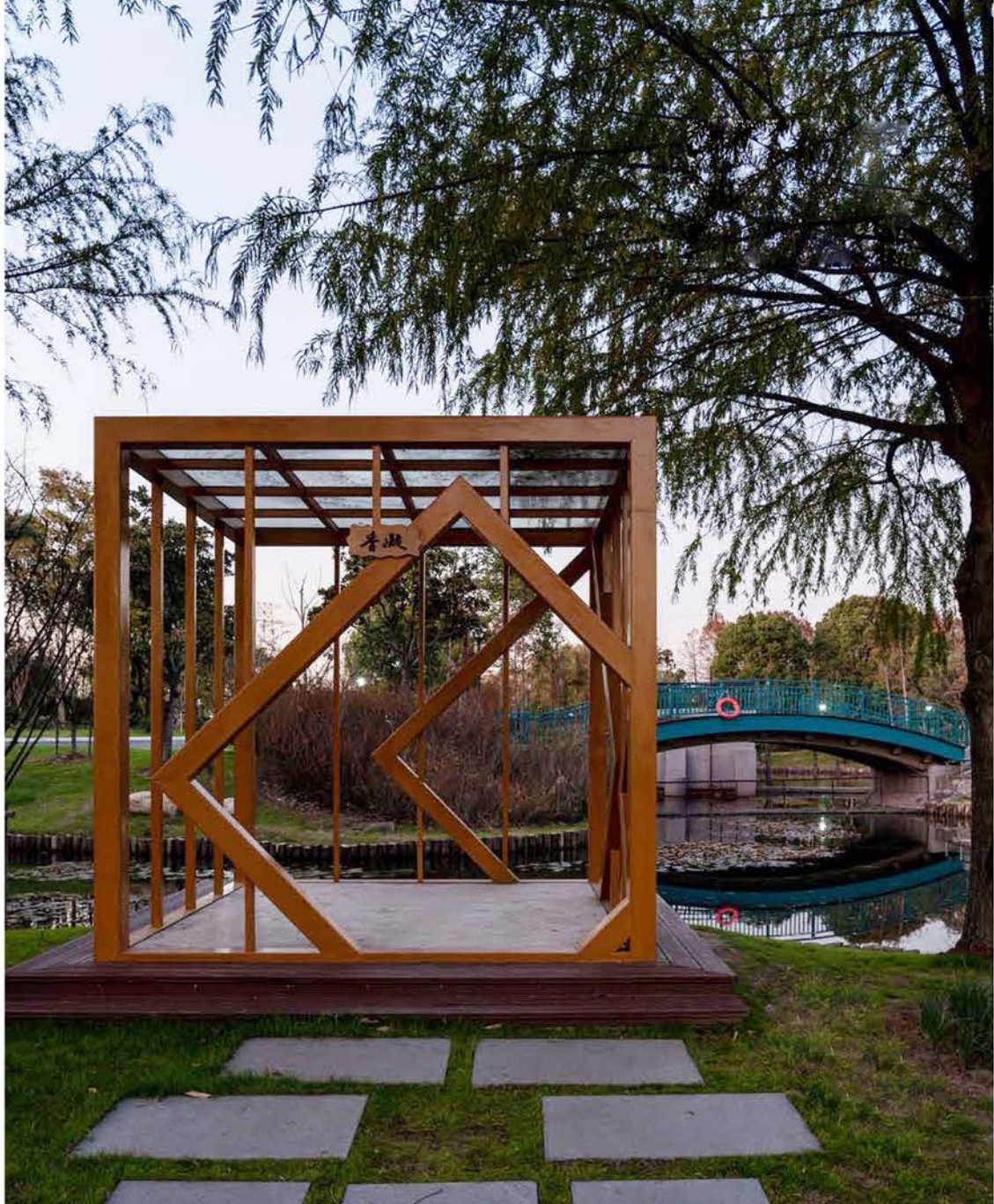
THE LAKE INCLUDE LOTUS & BAMBOOS IN BREEZE



SIT BY THE WATER AND FEEL THE WILD IN THE CITY



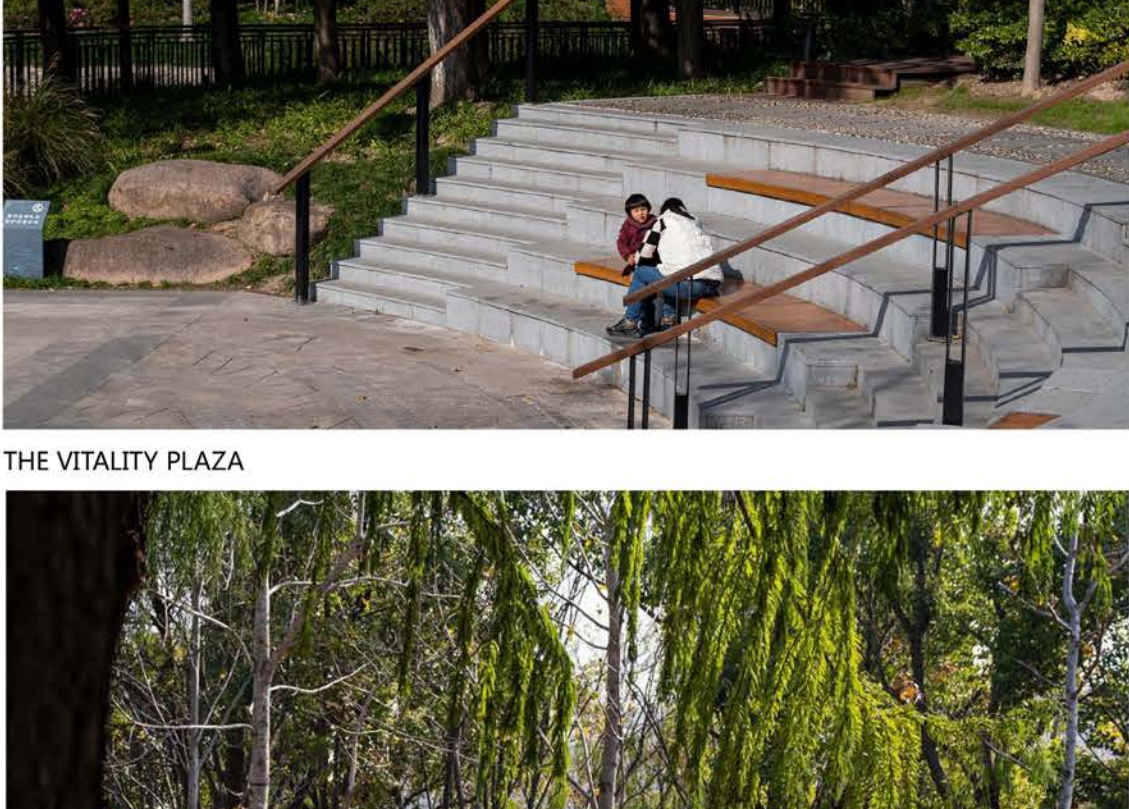
WATER TRAIL , ALONG THE CONSIDERABLE LAKE SCENERY



ECOLOGICAL ISLAND



BAMBOO SQUARE



RIPPLING RIVERBANK



THE VITALITY PLAZA



CAN PLAY, CAN ENJOY, CAN PASS IN IT



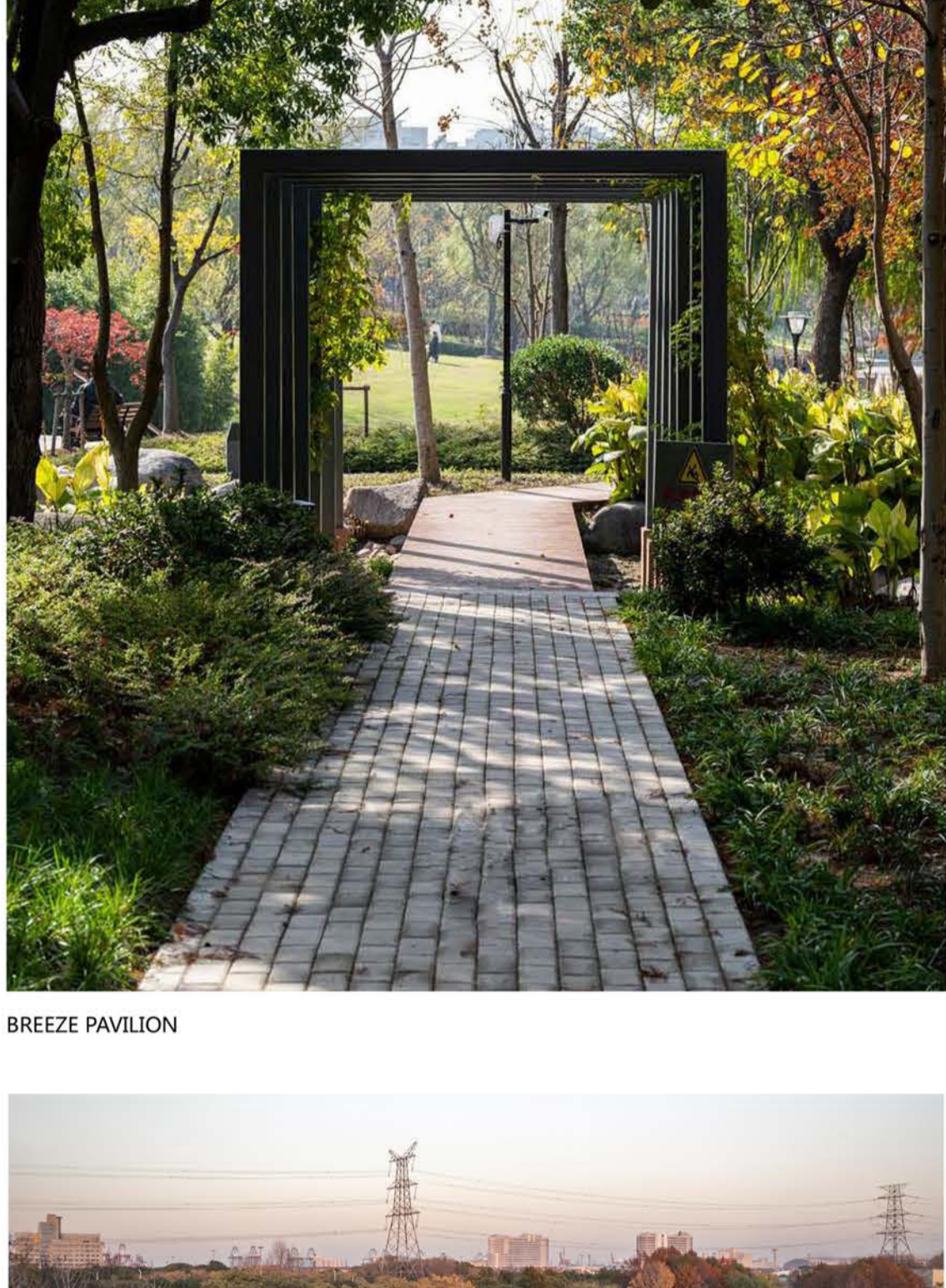
PROVIDING A COMFORTABLE REST SPACE



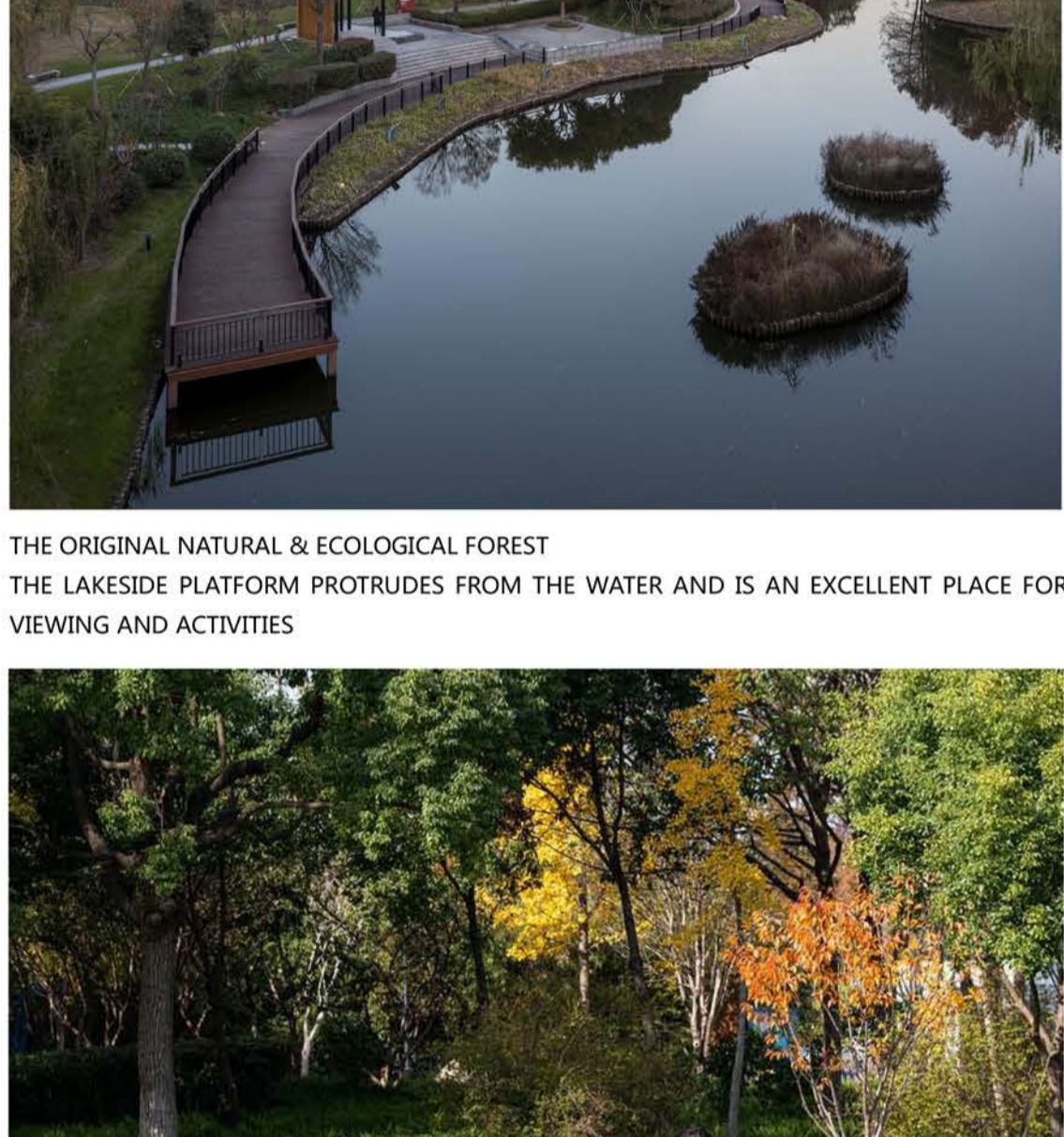
FOREST FOOTPATH COVERED BY GREEN TREES



LAKE WITH ECOLOGICAL SHORELINE

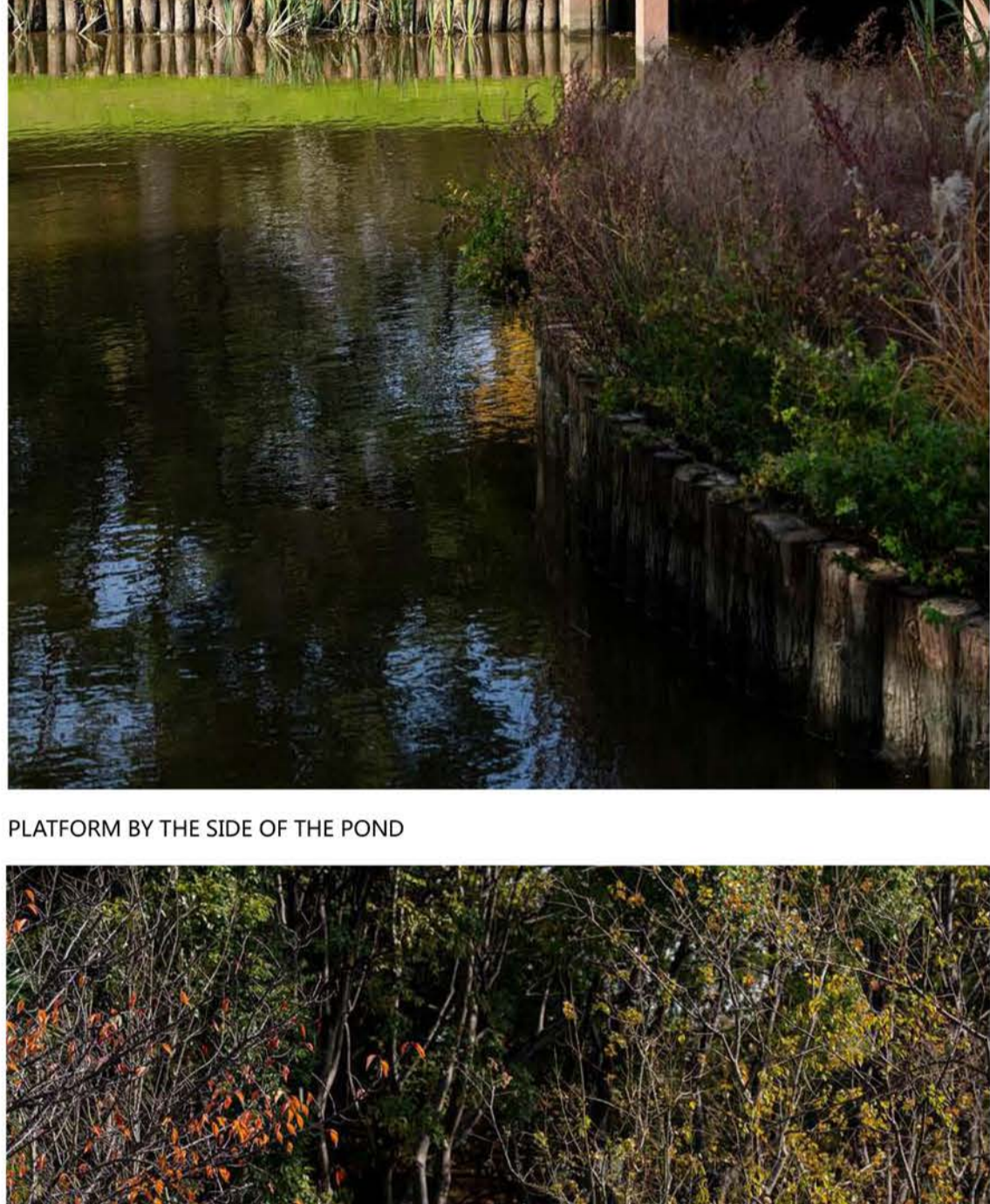


BREEZE PAVILION

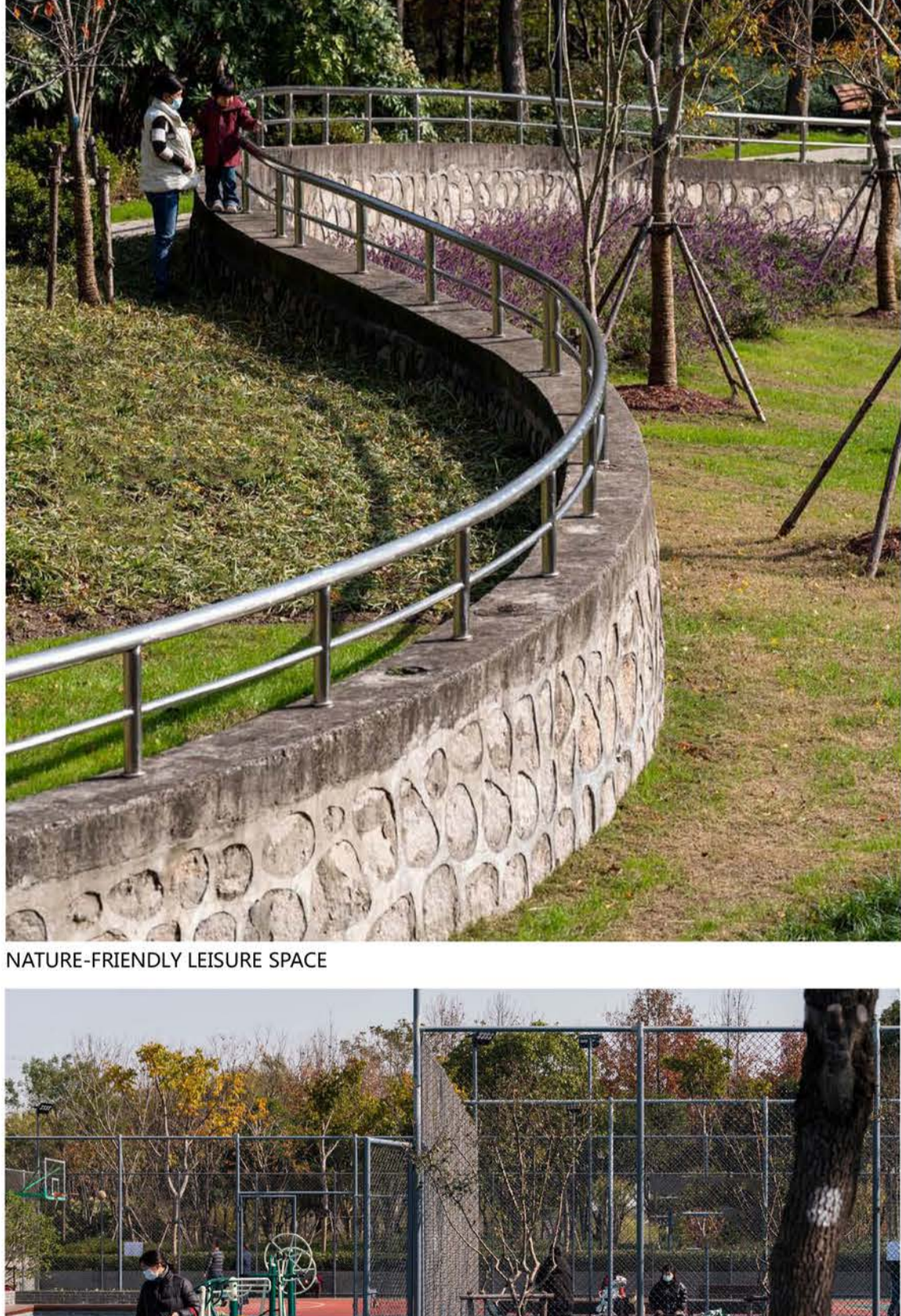


THE ORIGINAL NATURAL & ECOLOGICAL FOREST

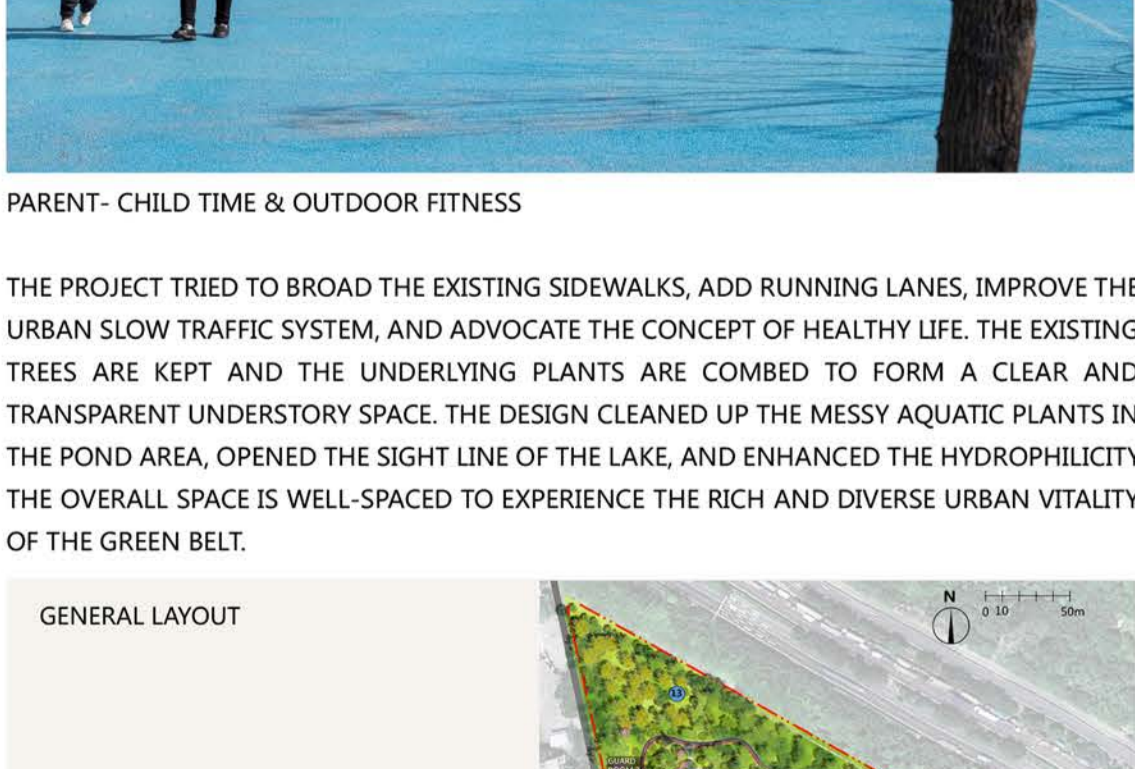
THE LAKESIDE PLATFORM PROTRUDES FROM THE WATER AND IS AN EXCELLENT PLACE FOR VIEWING AND ACTIVITIES



PLATFORM BY THE SIDE OF THE POND



NATURE-FRIENDLY LEISURE SPACE



PARENT- CHILD TIME & OUTDOOR FITNESS

THE PROJECT TRIED TO BROAD THE EXISTING SIDEWALKS, ADD RUNNING LANES, IMPROVE THE URBAN SLOW TRAFFIC SYSTEM, AND ADVOCATE THE CONCEPT OF HEALTHY LIFE. THE EXISTING TREES ARE KEPT AND THE UNDERLYING PLANTS ARE COMBED TO FORM A CLEAR AND TRANSPARENT UNDERSTORY SPACE. THE DESIGN CLEANED UP THE MESSY AQUATIC PLANTS IN THE POND AREA, OPENED THE SIGHT LINE OF THE LAKE, AND ENHANCED THE HYDROPHILICITY. THE OVERALL SPACE IS WELL-SPACED TO EXPERIENCE THE RICH AND DIVERSE URBAN VITALITY OF THE GREEN BELT.



GENERAL LAYOUT

